You can always count on American Swing Products for quality and value.

American Swing Products has over 40 years’ experience in the industry.

American Swing Products sell the best possible swing products for a low price because our products are manufactured in volume. We take pride in helping to design products to be used in schools and parks that will last and help to prevent injuries to children.

Our products offer many safety and durability designs with materials that many of our competition do not. Stainless steel and carbon steel inserts are used in our seats. Why stainless steel? All other manufacturers use spring steel. When someone vandalizes a seat by trying to cut it in half, it exposes the steel to the elements and eventually spring steel will rust and break. This can cause injuries to children. Although stainless steel is more costly, by using this material we eliminate this problem.

All of our products are tested by the National Testing Standard and other testing laboratories to CPSC and ASTM standards. All test reports are located online at [www.americanswing.com](http://www.americanswing.com) under Product Testing Information. This site also offers many helpful resources regarding safety and installation and maintenance.

**TERMS**
Net 45 from date of invoice with a 2% discount if paid within 25 days. No discount if paid by credit card.

**Freight Charges**
Free if shipped within the 48 contiguous states.

**Taxes**
Added to invoice, where applicable, except when exempt certificate is provided with order.

**Guarantee**
American Swing Products guarantees all products for 1 year, excluding vandalism, improper maintenance and improper installation. Claim for defects must be accompanied by copy of invoice or invoice number.

**Specifications**
American Swing Products has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.

**Weights**
All weights are approximate.

**Shipments**
Made the way considered most economical and practical unless specific routing instructions are given on the order, in which case we will do our best to follow them. Most orders if in stock ship out within 24 hours.

**TO ORDER CALL TOLL FREE**
800-433-2573
ACCESSORIES
A1750 Safety Chain - Commercial

Use to fasten children in half bucket swing seats. This galvanized safety chain comes covered with a plastic hose. It has a snap hook and 2 S-hooks for fastening across the front of half bucket seat. The chain is 1/8” diameter and is 12” long. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Weight .35 lbs. each. Tensile strength 295 lbs.

**Installation, Safe Use and Maintenance Instructions**

**IMPORTANT:** Please read for important information. In this material we have tried to provide some requirements stated in the CPSC Handbooks, ASTM F2373-11, F1487-11 and F1148-09. However, we in no way intend for this to be a complete list of requirements. Also these publications are updated frequently with changes therefore, you should read these publications yourself to determine if any part or installation could prove a danger to a child.

To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website. www.americanswing.com Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpscpub/pubs/325.pdf.

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Attach the S-hook to the ring on each side of the half bucket swing with channel locks. Close both S-hooks so that the side of a dime cannot enter the opening. WARNING: Once the S-hooks have been re-opened they will have to be replaced to avoid injuries from coming open and/or breaking. All fasteners must be closed according to Figure A1.19.

**Safe Use:** This is for children 2 - 4 years old only. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At the beginning and end of each play season and once a month during play season, check for sharp edges, rust and cracked plastic sleeve. Check for vandalism. Replace if necessary. Check to make sure S-hooks are closed properly. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A3200 Polished Aluminum Triangle - Commercial

Triangular trapeze rings are flat on the bottom for an easier hand hold. They are made of a strong aluminum alloy and highly polished for a lasting shine. Now with wider grip handle to meet ASTM standards. The inside diameter is 4 1/2 "and the bottom grip is 1" in diameter. Hole for S-hook is ½". You can use the A6500 – A6000 – A5950 – A5725 with this. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Weight is .95 lbs. each. Tensile strength 2800 lbs. Price is per ring.

**Installation, Safe Use and Maintenance Instructions**

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Take one S-hook or H-shackle and attach one end to each eye of ring and one end to last link of the chain. Close according to Figure A1.19 for Fastening Devices. Make sure that fasteners are strong enough to support weight and use. We suggest at least 5/16” diameter fasteners. **WARNING:** Once the S-hooks have been re-opened they will have to be replaced to avoid injuries from coming open and/or breaking. Make sure that if you are using shackles they are also tightened.

**Safe Use:** This is for children 4-12 years old only. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Rings are considered exercise equipment and are not recommended for public playgrounds unless suspended by chains 7” or less. Do not allow it to be used if damaged or wet.

**Maintenance:** At the beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks. Check for vandalism. Check for rusty or worn chain. Replace parts if necessary. Check to make sure S-hooks and/or H-shackles are closed properly. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A3250 Plastisol Coated Triangle - Commercial

Our 6” plastisol coated triangle will brighten up swing sets and provide cool non-slip hand grips for children. It is 4 ½” inside dia. and has a 1 1/16” grip. Hole for S-hook is ½”. You can use the A6500 – A6000 – A5950 – A5725 with this. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Weight is 1.20 lbs. each. Tensile strength 2800 lbs. Price is per ring.

**Installation, Safe Use and Maintenance Instructions**

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Take one S-hook or H-shackle and attach one end to eye of ring and one end to last link of the chain. Close according to Figure A1.19 for Fastening Devices. Make sure that fasteners are strong enough to support weight and use. We suggest at least 5/16” diameter fasteners. **WARNING:** Once the S-hooks have been re-opened they will have to be replaced to avoid injuries from coming open and/or breaking. Make sure that if you are using shackles they are also tightened.

**Safe Use:** This is for children 4 - 12 years old only. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Rings are considered exercise equipment and are not recommended for public playgrounds unless suspended by chains 7” or less. Do not allow it to be used if damaged or wet.

**Maintenance:** At the beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks. Check for vandalism. Check for rusty or worn chain. Replace parts if necessary. Check to make sure S-hooks and/or H-shackles are closed properly. Maintain detailed inspection and maintenance records for public-use playground equipment. Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:** Blue, Green, Red and Yellow
A3500 Polished Aluminum Ring - Commercial

A 6” diameter round ring made from polished aluminum for a beautiful, lasting shine. Now with wider grip handle to meet ASTM standards. The inside diameter is 4 1/2 “and the bottom grip is 1” in diameter. Hole for S-hook is ½”. You can use the A6500 – A6000 – A5950 – A5725 with this. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Weight is .75 lbs. each. Tensile strength 2500 lbs. Price is per ring.

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Take one S-hook or H-shackle and attach one end to eye of ring and one end to last link of the chain. Close according to Figure A1.19 for Fastening Devices. Make sure that fasteners are strong enough to support weight and use. We suggest at least 5/16” diameter fasteners. **WARNING:** Once the S-hooks have been re-opened they will have to be replaced to avoid injuries from coming open and/or breaking. Make sure that if you are using shackles they are also tightened.

**Safe Use:** This is for children 4 - 12 years old only. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Rings are considered exercise equipment and are not recommended for public playgrounds unless suspended by chains 7” or less. Do not allow it to be used if damaged or wet.

**Maintenance:** At the beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks. Check for vandalism. Check for rusty or worn chain. Replace parts if necessary. Check to make sure S-hooks and/or H-shackles are closed properly. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A3550 Plastisol Coated Aluminum Ring - Commercial

Our plastisol 6" ring will brighten up swing sets and provide cool non-slip hand grips for children. The inside diameter is 4 1/2" and the bottom grip is 1" in diameter. The sides are ½" in diameter. Hole for S-hook is ½". You can use the A6500 – A6000 – A5950 – A5725 with this. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Weight is .90 lbs. each. Tensile strength 2800 lbs. Price is per ring.

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Installation: Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Take one S-hook or H-shackle and attach one end to eye of ring and one end to last link of the chain. Close according to Figure A1.19 for Fastening Devices. Make sure that fasteners are strong enough to support weight and use. We suggest at least 5/16” diameter fasteners. WARNING: Once the S-hooks have been re-opened they will have to be replaced to avoid injuries from coming open and/or breaking. Make sure that if you are using shackles they are also tightened.

Safe Use: This is for children 4 - 12 years old only. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Rings are considered exercise equipment and are not recommended for public playgrounds unless suspended by chains 7” or less. Do not allow it to be used if damaged or wet.

Maintenance: At the beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks. Check for vandalism. Check for rusty or worn chain. Replace parts if necessary. Check to make sure S-hooks and/or H-shackles are closed properly. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

Colors: Blue, Green, Red and Yellow
A3700 - Steering Wheel – Residential

Our steering wheel was designed for good looks, ease of installation and cost effectiveness. This realistic 12” diameter, dished wheel is scaled for child use. It comes with 3/8” lag screw for mounting hardware and has a horn button cap to provide a finished appearance after installation. Unlike some of its blow molded competitors, our injection molded wheel has the strength and substantial feel normally associated with the real thing. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 1377 lbs.

**Installation, Safe Use and Maintenance Instructions**

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Due to the thermo dynamics and lower heat transfer properties of plastics, plastic wheels are preferred over metal wheels for play equipment. Although plastic wheels may become as hot as metal, they insulate better and don't transfer the heat as quickly. Because of these properties, the Consumer Product Safety Commission (CPSC) recommends plastic and plastic surfaces over bare metal.

Regardless of lower heat transfer properties, plastic play equipment can still become hot enough -- in extreme temperatures and direct sunlight -- to cause burns. As is the case with all playground equipment, parents and supervisors must monitor the children in their care, make certain that the equipment is appropriate for their age, and always check playground surfaces for excessive heat before allowing children to play. For more information, contact IPEMA headquarters at www.communications@ipema.org or by calling 1–717–238–1744.

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Make sure that you are attaching the steering wheel to wood that is strong enough to support the weight of the wheel and spinning motion. Drill a starter hole in the wood. Place a washer next to top of wood, then steering wheel. With a socket wrench screw, supplied 3/8” lag, screw completely into wood. Pop on horn button cap. Make sure that steering wheel can spin freely.

**Safe Use:** This is for children 2 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check that steering wheel can spin freely. Check for vandalism, for sharp edges or cracked plastic. Make sure lag screw is secure. Replace parts as necessary.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:** Blue, Green, Red, and Yellow
A3750 – 11” Disk – Residential

This disk is made out of a durable plastic. It comes in bright colors that will resist fading. This disk uses our nylon rope. This Disk is 11” in diameter 1 1/2” thick with a ½” hole in the middle for the rope. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. **Holds up to 150 lbs.**

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Due to the thermo dynamics and lower heat transfer properties of plastics insulates better and doesn’t transfer the heat as quickly. Because of these properties, the Consumer Product Safety Commission (CPSC) recommends plastic surfaces over bare metal.

Regardless of lower heat transfer properties, plastic play equipment can still become hot enough – in extreme temperatures and direct sunlight – to cause burns. As is the case with all playground equipment, parents and supervisors must monitor the children in their care, make certain that the equipment is appropriate for their age, and always check playground surfaces for excessive heat before allowing children to play. For more information, contact IPEMA headquarters at [www.communications@ipema.org](http://www.communications@ipema.org) or by calling 1-717-238-1744.

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Take appropriate length of ½” rope. See Figure A1.29 for spacing requirement. Remember disk cannot be used in the same bay with other swinging elements. Thread one end of rope through hole in disk. Tie a secure Stopper Knot at the bottom of the rope. Make sure Stopper Knot is large enough not to slip back out through hole. Attach rope to swing hanger by using a fastener and tying an Eye Splice Knot in one end of the rope. Attach Eye Splice Knot to a fastener, then attach fastener to swing hanger. Make sure all knots are secure. Make sure that fasteners are closed according to Figure A1.19 for Fastening Devices and strong enough to support weight and use. We suggest at least 5/16” diameter fasteners. Directions for tying knots can be found on YouTube.

**Safe Use:** This is for children 5 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged or wet.

**Maintenance:** At beginning and end of each play season and once a month during play season, check that knots are secure, that rope is not fraying and that plastic is not cut or cracking, especially around the middle hole in the disk. Also make sure fasteners are closed properly. Check for vandalism. Replace parts as necessary. Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:** Blue, Green, Red and Yellow
A3800 - New Roped Glider – Residential

The plastic back to back glider is designed with rounded uprights for less impact. It is roped with a 55” rope assembly. It is self-leveling and may be used for two children. It has 15” chain and 40” rope. The rope is 14.5” apart, the seat is 27” long and from the seat to the foot rest it is 11”. It is 79” overall from the bottom of the stirrups to the top of the chain. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. **The weight limit is 150 lbs.**

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Due to the thermo dynamics and lower heat transfer properties of plastics, they insulate better and don’t transfer the heat as quickly. Because of these properties, the Consumer Product Safety Commission (CPSC) recommends plastic surfaces over bare metal.

Regardless of lower heat transfer properties, plastic play equipment can still become hot enough in extreme temperatures and direct sunlight to cause burns. As is the case with all playground equipment, parents and supervisors must monitor the children in their care, make certain that the equipment is appropriate for their age, and always check playground surfaces for excessive heat before allowing children to play. For more information, contact IPEMA headquarters at [www.communications@ipema.org](http://www.communications@ipema.org) or by calling 1-717-238-1744.

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Insert glider seat into glider arms and attach with a hex bolt and fender washer on each side of seat. Attach lock nut. Secure. Then do the same on the other side of seat. We suggest using the, GSA, Glider Support Assembly if your swing set has a single beam across the top. If you are not using a glider support and you have two cross beams perpendicular to your swing set, you can attach the four ropes and chain pieces to four swing hangers, at least 12” apart, with either S-hooks, Shackles or spring clips. Connect the chain to swing hanger with either an S-hook or a Shackle. Close according to Figure A1.19 for Fastening Devices. Make sure that fasteners are strong enough to support weight and use. We suggest at least 5/16” diameter fasteners.

**Safe Use:** This is for children 5 - 12 years old only. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow it to be used if damaged or wet.

**Maintenance:** At beginning and end of each play season and once a month during play season, check that rope is not fraying and that plastic is not cut or cracking, especially around the rope holes, where seat connects to glider arms and feet rests. Also make sure that fasteners are closed properly. Check for vandalism. Replace parts as necessary.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:**

Yellow or Yellow bodies with green handles
A3825 - Glider Support Only – Residential

Our glider support is made from heavy duty steel and powder coated green. It is made to attach to a wooden structure, 4 x 4 wood beam, and provide a four point hook-up for the glider. Can also be used on pipe structures. 30 swing hangers fit great with this assembly. All three holes on the support are 14mm. It is 17 5/8” long and 14 1/4” wide. The two holes together are 7 7/8” center to center on the 11 7/8” side and 1” down from where the pole would set on the pipe. The one hole’s center being at 6” on the welded part to the two perpendicular poles and 1 38” from the outer edge. The 14mm is a little bigger than 1/2” and a little smaller than a 9/16” hole. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

**Installation, Safe Use and Maintenance Instructions**

**Installation, Safe Use and Maintenance Instructions**

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**Installation**: Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

If your swing set has a single beam across the top, you may need to install a glider support. This will produce a four point mounting system. The flat piece with one hole goes on top of the beam with the side with two holes bolted flush against the beam. You will need to drill holes into the beam in order to install the bolts. The bolts should be two 1/2” x 3” lag bolts and the top bolt should be 1/2” and then whatever length your beam is. This bolt needs to go through the beam from the top of the beam and have a nylock nut and washer attached to it on the bottom of the beam. Make sure nut is tight and not more than two threads of bolt are protruding beyond nut. If you are installing this on a pipe, then you would need to drill a hole through the pipe and put a bolt through the pipe and the glider support. Do the same at the top of the glider support and at the two holes on the side. If the bolt supplied is too long, you will need to purchase a shorter bolt so that no more than two threads are showing beyond the nut. You will need to purchase 1/2” bolts, sufficiently long enough to go through pipe and a have a nylock nut attached with no more than two threads showing beyond the nut for a pipe installation. Four 2 1/2” hangers will go through the four end holes. The nylock nuts should be attached at the top of the assembly with the swing hangers at the bottom of the assembly. Make sure nut is tight and not more than two threads of bolt are protruding beyond nut. Fasteners should be attached to the swing hangers and then attached to the glider. Make sure all hardware is tightened tight and closed according to Figure A1.19 for Fastening Devices.

**Safe Use**: This is for children 5 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance**: At beginning and end of each play season and once a month during play season, check for rust, sharp edges and/or cracks. Check for vandalism, check for worn or rusty chain. Check to make sure spring clips, S-hooks and/or Shackles and swing hangers are closed properly, and not worn out. Replace parts if necessary.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A3830 – Glider Support and Assembly – Residential

Glider Support Assembly includes a Glider Support, 4 - A2850 Nylon bushing swing hanger, 4 – A5950 spring clips, 2 - ⅝” x 3” lag bolts and the top 1 - ⅝” bolt for attaching to wood. All three holes on the support are 14mm. It is 17.5” long and 14 ¼” wide. The two holes together are 7 7/8” center to center on the 11 7/8” side and 1” down from where the pole would set on the pipe. The one holes center being at 6” on the welded part to the two perpendicular poles and 1 38” from the outer edge. The 14mm is a little bigger than 1/2” and a little smaller than a 9/16” hole. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

**Installation, Safe Use and Maintenance Instructions**

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Installation: Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

If your swing set has a single beam across the top, you may need to install a GS glider support. This will produce a four point mounting system. The flat piece with one hole goes on top of the beam with the two holes bolted flush against the beam. You will need to drill holes into the beam in order to install the bolts. This assembly comes with two ⅝” x 3” lag bolts and the top bolt. If bolt is too short to go through wood, you will need to purchase a longer bolt, or recess the nut. This bolt needs to go through the beam from the top of the beam and have a nylock nut attached to it on the bottom of the beam. Make sure nut is tight and not more than two threads of bolt are protruding beyond nut. Make sure you use washers if installing on wood frame. If you are installing this on a pipe, then you would need to drill a hole through the pipe and put a bolt through the pipe and the glider support. If the bolt supplied is too long, you will need to purchase a shorter bolt, so that no more than two threads are showing beyond the nut. You will also need to purchase ½” bolts, sufficiently long enough to go through pipe and have a nylock nut attached with no more than two threads showing beyond the nut. Do the same at the top of glider support and at the two holes on the side. Four two and half inch hangers will go through the four end holes. The nuts should be attached on the top of the assembly with the swing hangers at the bottom of the assembly. The spring clips should be attached to the swing hangers and then attached to the glider. Make sure all hardware is tightened tight and closed according to Figure A1.19 for Fastening Devices.

Safe Use: This is for children 5 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

Maintenance: At beginning and end of each play season and once a month during play season, check for rust, sharp edges and/or cracks. Check for vandalism. Check for worn or rusty chain. Check to make sure spring clips and swing hangers are closed properly and not worn. Replace parts if necessary.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A3850 - Rope Ladder – Residential

This rope ladder is 106" end to end. There are 6 rungs that are 36" long with 9" between each rung and 10.5" between the ropes of each rung. The Ladder comes with 4 pelican hooks across the top. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

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Attach four pelican hooks to eyebolts in swing set. Close according to Fig. A1.19 for Fastening Devices. Make sure that ladder is taut and bottom of ladder is anchored. This can be done in several ways depending upon how you are using the ladder. Bottom of ladder must be anchored. Both the CPSC and the ASTM recommended that flexible climbing devices be anchored below ground level. This means that any bar, J-bolt or other type of fastener must be located below the level of the playing surface so that the anchoring device does not present a trip hazard or a fall hazard if a child should fall back onto the bottom of the flexible climber. Cut any excess rope and tape the ends off with duct tape to prevent fraying. **WARNING: Once the S-hooks have been re-opened they will have to be replaced to avoid injuries from coming open and/or breaking.** Make sure that if you are using shackles they are also tightened.

**Safe Use:** This is for children 5 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged or wet.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for cracking and/or splinters on ladder rungs, sharp edges and/or frayed rope. Make sure that ladder is still taut and cannot pose an entrapment. Make sure anchors are below ground level. Check for vandalism. Replace parts as necessary.

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A4000 Trapeze Bar - Residential

Our 20" trapeze bar has an embossed design for better hand hold and strength. It has triple-coated corrosion resistant layers of zinc, chromate, and a clear polymer seal. The bar is 19.5" from center to center of the eyebolts. Diameter of the bar is 1". Eyelet for S-hook is 9/16". You can use the A6500 – A6550 – A6000 – A5900 – A5950 – A5725 with this. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 1200 lbs.

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**Safe Use:** This is for children 4 - 12 years old only. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Trapeze bars are considered exercise equipment and not recommended for public playgrounds. Do not allow it to be used if damaged or wet.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks especially around eye bolts. Check for vandalism. Check for rusty or worn chain. Replace parts if necessary. Check to make sure S-hooks and/or H-shackles are closed properly.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
**A4050 Plastisol Coated Trapeze Bar – Residential**

Our trapeze bar is coated in plastisol to brighten up your swing sets and provide cool non-slip hand grips for children. This is a 20” long metal trapeze bar, 1 1/16” in diameter. Eyelet for S-hook is ¾”. Dipped in plastisol. You can use the A6500 – A6550 – A6000 – A5900 – A5950 – A5725 with this. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 1000 lbs.

**Installation, Safe Use and Maintenance Instructions**

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Take two S-hooks or H-shackles and attach one end to each eyebolt of trapeze bar and one end to the last link of chain. Close according to Figure A1.19 for Fastening Devices. Make sure that fasteners are strong enough. We suggest at least 5/16” diameter fasteners. **WARNING:** Once the S-hooks have been re-opened they will have to be replaced to avoid injuries from coming open and/or breaking. Make sure that if you are using shackles they are also tightened.

**Safe Use:** This is for children 4 - 12 years old only. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Trapeze bars are considered exercise equipment and not recommended for public playgrounds. Do not allow it to be used if damaged or wet.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks especially around eye bolts. Check for vandalism. Check for rusty or worn chain. Replace parts if necessary. Check to make sure S-hooks and/or H-shackles are closed properly. Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:** Blue, Green, Red and Yellow
A4200 Trapeze Bar Combo – Residential

A 23.75” x 1 ¼” diameter galvanized steel powder coated trapeze bar with plastic triangular rings. It has 2 ½ feet of 3/16” powder coated zinc proof coil chain attached to the bar. Any of our S-hooks or Shackles will work with this chain. All have yellow end caps. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 1000 lbs.

**Installation, Safe Use and Maintenance Instructions**

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Take two S-hooks or Shackles and attach one end to the last link of chain. Attach other end to swing hanger. Close according to Figure A1.19 for Fastening Devices. Make sure that fasteners are strong enough to support weight and use. We suggest at least 5/16” diameter fasteners. **WARNING:** Once the S-hooks have been re-opened they will have to be replaced to avoid injuries from coming open and/or breaking. Make sure that if you are using shackles they are also tightened.

**Safe Use:** This is for children 4 - 12 years old only. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Trapeze bars are considered exercise equipment and not recommended for public playgrounds. Do not allow it to be used if damaged or wet.

**Maintenance:** At the beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks. Check for vandalism. Check for rusty or worn chain. Replace parts if necessary. Check to make sure S-hooks and/or H-shackles are closed properly.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:**

- Blue bar and chain with Yellow triangle rings
- Green bar and chain with Yellow triangle rings
- Blue-blue, Green-Green, Red-Red, Yellow-Yellow
A5500 Tire Eye Bolt - Commercial

Use on real tires to connect chains. Each 3 piece set has a 1 1/4" eye bolt 5/8 in dia. a 2 ½" bottom washer and a lock tight nut. All S-hooks and Shackles work with this. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile Strength 1400 lbs. **Sold in sets of three.**

**Installation, Safe Use and Maintenance Instructions**

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Drill 3 holes spaced evenly in the real tire. Take the nut & washer off and place on the underside of the tire. Put eye bolt through the hole and screw washer and nut in. You will need to use S-hooks or shackles from the chain to the tire eye bolt. Make sure the S-hooks are closed to within .04 to meet ASTM safety standards. All fasteners must be closed according to Figure A1.19. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. Close according to Fig A1.19 for Fastening Devices. **WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking.**

**Safe Use:** This is for children 2 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks especially around eye bolts. Check for vandalism. Check for rusty or worn chain. Replace parts if necessary. Check to make sure S-hooks and/or shackles are closed properly. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A5600 Tire Swing - USA - Commercial

This tire is 30” in diameter with a 16” opening and is 10” deep. It is made of Polypropylene. This tire has built in eye bolts that will accept our A5730 shackle. This is a great tire swing as no bugs or water can get in it and there is no rubber to wear off and stain the children’s clothes. It weighs 19 lbs. and meets ASTM Standards that state tires must weigh less than 35 lbs. Tire is intended for use of no more than 3 children at a time and less than 50 lbs. each. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 1000 lbs..

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Plastic play equipment can become hot enough -- in extreme temperatures and direct sunlight -- to cause burns. Plastic tires are safe, tried and true, but as is the case with all playground equipment, parents and supervisors must monitor the children in their care, make certain that the equipment is appropriate for their age, and always check playground surfaces for excessive heat before allowing children to play. For more information, contact IPEMA headquarters at www.communications@ipema.org or by calling 1–717–238–1744.

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 1-800-433-2573.

The minimum of clearance between the bottom of the tire and the protective surface should not be less than 12”. The minimum clearance between the seating surface of a tire swing and the legs of the frame should be 30” when the tire is in a position closest to the legs. The proper use zones needed for a public tire swing set should extend in any direction from a point directly beneath the pivot point for a minimum distance of six feet plus the length of the suspended unit. The use zone should never overlap the use zone of any other equipment. For residential sets see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Only one tire swing is allowed per bay. No other type of swing is allowed in bay. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections.

Attach three wider stainless steel H shackles, A5730, to the built in eye bolts. Make sure the wider side is attached to tire and the smaller end is attached to the last link of chain length. If coated chain, you may have to force S-hook or shackle through the chain. Use the narrower H shackles, A5725, to connect the chain to the tire swivel. Use the smaller side of the H shackle to connect to the chain, and the wider side to connect to the tire swivel. Attach other two chains in the same manner. Make sure that all H shackles tamper proof bolts are closed properly. You will need an A5750 wrench to open and close the H shackles. If not using our H shackles, make sure that fasteners are strong enough. We suggest at least 5/16” diameter fasteners. Close according to Fig A1.19 for Fastening Devices. **Also, make sure that the fasteners are wide enough so that they do not crimp the tire eyebolt. This could cause the eyebolts to break. A tire swing shall not occupy a swing bay with any other swinging element.**

**Safe Use:** This is for children 2 - 12 years old only. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow it to be used if damaged or wet.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks especially around eye bolts. Check for vandalism. Check for rusty or worn chain. See Tire Swivel for Maintenance on tire swivel. Replace parts if necessary. Check to make sure S-hooks and/or H-shackles are closed properly. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:** Black, Blue, Green, Red and Yellow
A8700 - Safety Hand Grips – Residential

Our safety hand grips add enhanced safety, value and color to your set. They are designed on a child scale with finger indentations to aid in climbing. These are 9 ¾” long - 8 ¼” hole to hole and the grip is 5” long. 2 screws for each handle are included. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 1300 lbs.. **Sold as a pair.**

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Due to the thermo dynamics and lower heat transfer properties of plastics they insulate better and don’t transfer the heat as quickly. Because of these properties, the Consumer Product Safety Commission (CPSC) recommends plastic slides and plastic surfaces over bare metal.

Regardless of lower heat transfer properties, plastic play equipment can still become hot enough -- in extreme temperatures and direct sunlight -- to cause burns. As is the case with all playground equipment, parents and supervisors must monitor the children in their care, make certain that the equipment is appropriate for their age, and always check playground surfaces for excessive heat before allowing children to play. For more information, contact IPEMA headquarters at [www.communications@ipema.org](http://www.communications@ipema.org) or by calling 1-717-238-1744.

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Determine where you wish hand grips to be placed. Using included screws, screw two screws into wood. Make sure screws are tight and not protruding through wood.

**Safe Use:** This is for children 2 - 12 years old only. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow it to be used if damaged or wet.

**Maintenance:** Before and after play season and once a month during play season, check that bolts are tight. Make sure there is no cracked plastic, crack in wood or splinters. Make sure there are not sharp edges or screws showing through wood. Replace parts as needed.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:** Blue, Green, Red, and Yellow
Our standard trapeze rings are of the time honored triangle configuration. All are injection molded for maximum strength without the need for metal inserts. They offer a cost effective, customer appealing alternative to the very light weight trapeze rings often found on low ends swing sets. They are 8 ½” long, 5” ID, 3 ½” grip and a ½” hole for S-hook. You can use the A6500 - A6000 - A5725 with this. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 700 lbs. Price is per ring.

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Attach fastener to trapeze ring and the chain or rope. Make sure that fastener is closed according to Figure A1.19.

**WARNING:** Once the S-hooks have been re-opened they will have to be replaced to avoid injuries from coming open and/or breaking. Make sure that if you are using shackles they are also tightened.

Safe Use: This is for children 5 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged or wet.

Maintenance: Before and after play seasons and once a month during play season, check that fasteners are closed correctly. Make sure there is no cracked plastic especially where ring connects to fastener. Replace parts as need.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

Colors: Blue, Green, Red, Yellow
A8800 - Telescope – Residential

Our telescope at last makes this accessory both functional and affordable. It incorporates a real working, 5% plastic lens system, is 14” long and swivels both up and down as well as around. It’s sure to be an instant hit on your fort or ship structure! Four connecting screw included. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

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The telescope has two different types of connecting hardware. The flat round pieces that are the same color as the telescope (we will call round holder) are for attaching it to a flat piece of wood. You put the round piece that is attached to the telescope that is a different color that the telescope (which we will call round mounting piece) on the wood. You then fit the two round holders around it and use the screws to screw it into the wood. If you want to attach it to a two by four you use the rectangular pieces and put them on each side of the wood, put the mounting piece into the round part that is cut to fit it and screw it in.

**Safe Use:** This is for children 2 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracked plastic. Check that screws are secure. Check for vandalism and missing parts. Replace parts as necessary.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:** Blue w/Yellow, Green w/Tan, Red w/Yellow, Yellow w/Blue
A8840 - Rock Grips (set of 12) – Commercial

Rock grips come in a set of 12. Plastic blow molded Rocks are molded from polyethylene with UV and cold weather protection. These come in 3 different shapes and are roughly 5 1/2” x 4 x” x 2”. There are two to different sizes of mounting holes. The attaching screws and bolts are not included. Now smaller sized with the bolt holes that are 3/8” and 2” center to center. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. **Sold in sets of 12.**

**Installation, Safe Use and Maintenance Instructions**

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Due to the thermo dynamics and lower heat transfer properties of plastics they insulate better and don’t transfer the heat as quickly. Because of these properties, the Consumer Product Safety Commission (CPSC) recommends plastic slides and plastic surfaces over bare metal.

Regardless of lower heat transfer properties, plastic play equipment can still become hot enough -- in extreme temperatures and direct sunlight -- to cause burns. As is the case with all playground equipment, parents and supervisors must monitor the children in their care, make certain that the equipment is appropriate for their age, and always check playground surfaces for excessive heat before allowing children to play. For more information, contact IPEMA headquarters at [www.communications@ipema.org](http://www.communications@ipema.org) or by calling 1-717-238-1744.

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

You will need twelve 1 ½” long 3/8” lag bolts and twelve 1 ½” #12 Wood Screws for each set of rocks. Determine difficulty and height wanted. For one set of rocks, use 1” plywood, for taller set, use thicker plywood. Plan configuration wanted for rocks. Place rock on board and mark with pencil where holes need to be drilled. Drill a pilot hole for 3/8” lag bolt for large hole and #12 for small hole for each rock. Then using a 9/16” socket, screw 3/8” lag bolt into rock. Do not tighten until second bolt is installed. Using a 5/16” socket, screw in the #12 wood screw. Tighten both screws. Continue procedure until all twenty-four bolts are screwed in completely. Make sure no sharp point protrudes beyond back of plywood.

**Safe Use:** This is for children 5 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged or wet.

**Maintenance:** Before and after play season and once a month during play season, check that bolts are tight. Make sure there is no cracked plastic, cracks in wood or splinters. Make sure there are not sharp edges or bolts showing through wood. Replace parts as needed. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:** Bright Blue Green Red Yellow
A8865 - Nylon 5/8” Rope – USA - Residential

This 5/8” nylon twisted rope is white and is sold by the foot. It applications. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

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Assembly would depend upon how rope is being used. Directions for tying knots can be found on YouTube.

**Safe Use:** This is for children 5 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged or wet.

**Maintenance:** Before and after play season and once a month during play season, check for fraying and that rope is not an entanglement or strangulation hazard. Check for vandalism. Replace parts as needed.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
Molded out of polypropylene it is 14” long and comes with four 1/8” screws for mounting hardware. It also has a 5% working lens and swivels up and down. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

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Attach the periscope holder to flat surface using the included screws. Then snap in periscope. It should slide up and down in holder.

**Safe Use:** This is for children 2 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracked plastic. Make sure mirrors are not broken. Check that screws are secure. Check for vandalism and missing parts. Replace parts as necessary. Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:** Blue w/Yellow, Green w/ Tan, Red w/Yellow and Yellow w/ Blue
A8890 - Talk Horns – Residential

These talk horns are amazing, you can hear a whisper. They are made from polyethylene and come in bright colors. They are 19” in length, the large end is 4” ID and the small end is 7/8” ID. Hose sold separately by the length needed. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. **Sold as a pair.**

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Due to the thermo dynamics and lower heat transfer properties of plastics they insulate better and don’t transfer the heat as quickly. Because of these properties, the Consumer Product Safety Commission (CPSC) recommends plastic slides and plastic surfaces over bare metal. Regardless of lower heat transfer properties, plastic play equipment can still become hot enough in extreme temperatures and direct sunlight to cause burns. As is the case with all playground equipment, parents and supervisors must monitor the children in their care, make certain that the equipment is appropriate for their age, and always check playground surfaces for excessive heat before allowing children to play. For more information, contact IPEMA headquarters at [www.communications@ipema.org](mailto:www.communications@ipema.org) or by calling 1–717–238–1744.

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Horns have two buttons at the bottom. The buttons should be pressed into a 1” tube and secured with a zip tie. Horn should then be secured to beam with zip ties so that horn is stable and cannot be removed or pose an entanglement. Entanglement may cause strangulation. Repeat process with second horn.

**Safe Use:** This is for children 5 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check plastic is not cut or cracking. Check that horn is securely attached to support and hose. Replace parts as needed.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:** Blue, Green, Red and Yellow
A8895 - Talk Tube Hose – USA - Residential

Residential plastic corrugated hose for talk tube. These hoses can be attached to pipe or wood with zip ties and are 1” ID. These are bright colors that resist fading. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. **Sold by the foot**

**Installation, Safe Use and Maintenance Instructions**

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Attach hose to wood or pipe using sufficiently long zip ties approximately every foot. Make sure that there are sufficient zip ties and that they are tight enough so that the hose is flush with wood or pipe and cannot be pulled away as this could cause an entrapment and possible strangulation.

**Safe Use:** This is for children 5 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and a once a month during play season, check for Sharp edges and/or cracked plastic. Make sure that hose is still flush to pipe or wood and cannot pose an entrapment. Check for vandalism. Replace parts as necessary.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:** Blue, Red, Green, Yellow
Chain
A7520 Trivalent Coated 3/16” Chain – USA - Commercial

Our 3/16” Trivalent chain is zinc plate chain with trivalent coating that has a much improved resistance to salt spray. This chain meets all ASTM requirements. The coating has a consistent bright finish. This chain would be good in coastal areas.

Competing domestic chain manufacturers have not adopted this coating. (test results December 2016)

| Trivalent USA | --- | --- |
| Import | --- | --- |
| USA Competitors | --- | --- |

The chain is 4/6 Aught and Grade 30. The links are 1” long and the opening is ½” wide. Any of our S-hooks or Shackles will work with this chain. Chain that is not bought from a playground manufacturer does not have the quality control and have been known to have weak links and can contain air bubbles. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile 3200 lbs.

Sold per foot or by the pail of 250’.

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 1-800-433-2573.

Chain should always be attached using the last link in length of chain. Assembly will depend upon use. Use a S-hook or Shackles to attach chain to swing seat and/or swing hanger. Close according to Fig. A1.19 for Fastening Devices.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for rusty or worn chain. Carefully check hole around fastener to look for wear. Check for vandalism. Replace parts if necessary. Check to make sure S-hooks and/or H-shackles are closed properly. Maintain detailed inspection and maintenance records for public-use playground equipment. Any damage from vandalism, abuse or misuse VOIDS all warranties.
A7600 Coated Chain 8 ½” ft. - USA - Commercial

8 1/2 ft coated chain with 4 ft coated in bright polymer colors. This is sure to brighten up any swingset. This is 3/16” chain that is 4/O Aught and Grade 30. The links are 1” long and the opening is ½” wide. You need to use the A6500 – A6550 5/16” S-hook or the A5700 – A5705 – A5725 – A5730 shackles with this chain, but you will have to force them through the coated part of the chain. Chain that is not bought from a playground manufacturer does not have the quality control and have been known to have weak links and can contain air bubbles. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Sold individually.

**Installation, Safe Use and Maintenance Instructions**

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Installation: Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Chain should always be attached using the last link in length of chain. Assembly will depend upon use. Coated section should be used where children are most likely to hold. For instance on a swing assembly, the coated section should be attached to the swing. Fasteners may need to be forced through the polymer. If coating is too thick for fastener to slide through easily, you may have to use pliers to pull fastener through the coating or cut away some of the coating for the fastener to fit through link. Close according to Fig. A1.19 for Fastening Devices.

Safe Use: This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

Maintenance: Do the following to reduce the chance of serious injuries. At beginning and end of each play season and once a month during play season, check for rusty or worn chain. Carefully check hole around fastener to look for wear. Check for vandalism. Check to see that polymer has not been peeled away from chain resulting in sharp pieces of either chain or polymer. Replace parts if necessary. Check to make sure S-hooks and/or H-shackles are closed properly. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

Colors: Blue, Green, Red and Yellow
A7700 Coated Chain 5 ½” ft. – USA - Commercial

5 1/2 ft coated chain with 4 ft. coated in bright polymer colors. This is sure to brighten up any swingset. This is 3/16” chain that is 4/O Aught and Grade 30. The links are 1” long and the opening is ½” wide. You need to use the A6500 – A6550 5/16” S-hook or the A5700 – A5705 – A5725 – A5730 shackles with this chain, but you will have to force them through the coated part of the chain. Chain that is not bought from a playground manufacturer does not have the quality control and have been known to have weak links and can contain air bubbles. **Sold individually.**

**Installation, Safe Use and Maintenance Instructions**

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Chain should always be attached using the last link in length of chain. Assembly will depend upon use. Coated section should be used where children are most likely to hold. For instance on a swing assembly, the coated section should be attached to the swing. Fasteners may need to be forced through the polymer. If coating is too thick for fastener to slide through easily, you may have to use pliers to pull fastener through the coating or cut away some of the coating for the fastener to fit through link. Close according to Fig. A.19 for Fastening Devices.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** Do the following to reduce the chance of serious injuries. At beginning and end of each play season and once a month during play season, check for rusty or worn chain. Carefully check hole around fastener to look for wear. Check for vandalism. Check to see that polymer has not been peeled away from chain resulting in sharp pieces of either chain or polymer. Replace parts if necessary. Check to make sure S-hooks and/ or H-shackles are closed properly. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:** Blue, Green, Red and Yellow
A7800 Soft Grip Chain 5 ft. – Commercial

This is 3/16” chain that is 4/O Aught and Grade 30. The chain is 27” long with 3 lid cylinder of plastisol to make it easier to grip and help prevent pinched fingers. It comes in different colors to accent your swing set. The links are 1” long and the opening is ½” wide. You need to use the A6500 – A6550 5/16” S-hook with this chain. Shackles do not work with this chain. Chain that is not bought from a playground manufacturer does not have the quality control and have been known to have weak links and can contain air bubbles. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 3100 lbs. Sold individually.

**Installation, Safe Use and Maintenance Instructions**

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Chain should always be attached using the last link in length of chain. Assembly will depend upon use. Coated section should be used where children are most likely to hold. For instance on a swing assembly. The coated section should be attached to the swing. Close according to Fig A1.19 for Fastening Devices.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** Do the following to reduce the chance of serious injuries. At beginning and end of each play season and once a month during play season, check for rusty or worn chain. Carefully check hole around fastener to look for wear. Check for vandalism. Check to see that polymer has not been peeled away from chain resulting in sharp pieces of either chain or coating. Replace parts if necessary. Check to make sure S-hooks and/ or H-shackles are closed properly.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:** Blue, Green, Red and Yellow
A7900 Soft Grip Chain 39” Overall – Residential

Residential Only - This is 3/16” chain that is 4/O Aught and Grade 30. The chain is 19” long with 17” soft grip with a thick solid cylinder of plastisol to make it easier to grip and help prevent pinched fingers. It comes in different colors to accent your swing set. The links are 1” long and the opening is ½” wide. You need to use the A6500 – A6550 5/16” S-hook with this chain. Shackles do not work with this chain. Chain that is not bought from a playground manufacturer do not have the quality control and have been known to have weak links and can contain air bubbles as it has not been tested and doesn’t have a warranty. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Sold individually.

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Installation: Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Chain should always be attached using the last link in length of chain. Assembly will depend upon use. Coated section should be used where children are most likely to hold. For instance on a swing assembly. The coated section should be attached to the swing. Close according to Fig A1.19 for Fastening Devices.

Safe Use: This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

Maintenance: Do the following to reduce the chance of serious injuries. At beginning and end of each play season and once a month during play season, check for rusty or worn chain. Carefully check hole around fastener to look for wear. Check for vandalism. Check to see that polymer has not been peeled away from chain resulting in sharp pieces of either chain or polymer. Replace parts if necessary. Check to make sure S-hooks and/ or H-shackles are closed properly.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

Colors: Blue, Green, Red and Yellow
A8000 S-Hook Pliers - Commercial

Use to cut chain and to open and close S-hooks. 38” in length. One side has a rubber grip and the other has a flat end to place your foot for leverage. There is only 1 rubber grip. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

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Spread pliers’ legs apart and put chain at the back of the very large set of jaws. Put leg with flat end on the ground. The flat end does not have a rubber end. Place your foot on the flat end for leverage and press plier’s legs together until the chain is cut. Pliers cut chain that is 5/16” in diameter.

To close S-hooks: Put the S-hook in the front part of the large jaws and close the pliers’ legs and the S-hook will close.

To open S-hooks: Use the little jaws at the other end of the pliers’ head. Put the top or outer jaw inside of the closed S-hook. Close the pliers’ legs and the S-hook should open.

Make sure any S-hooks are closed to within .04 to meet ASTM safety standards. WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking.

Safe Use: This is for use by ADULTS only. Do not allow it to be used if damaged.

Maintenance: Do the following to reduce the chance of serious injuries. Make sure there are no cracks or breaks in the head and handle. Replace parts as needed. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A8005 S-Hook Head Only – Commercial

This will replace only the broken head of our S-hook pliers. Use to cut chain and to open and close S-hooks. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

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Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpscpub/pubs/325.pdf.

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Spread pliers’ legs apart and put chain at the back of the large set of jaws. Put leg with flat end on the ground. Place your foot on the flat end for leverage and press plier’s legs together until the chain is cut. Pliers cut chain that is 5/16” in diameter.

To close S-hooks: Put the S-hook in the front part of the large jaws and close the pliers’ legs and the S-hook will close.

To open S-hooks: Use the little jaws at the other end of the pliers’ head. Put the top or outer jaw inside of the closed S-hook. Close the pliers’ legs and the S-hook should open.

Make sure any S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. **WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking.** Make sure that if you are using shackles they are also tightened.

**Safe Use:** This is for use by ADULTS only. Do not allow it to be used if damaged.

**Maintenance:** Do the following to reduce the chance of serious injuries. Make sure there are no cracks or breaks in the head and handle. Replace parts as needed. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
Fastners
A5700 Anchor Shackle Steel - Commercial

These shackles take the place of S-hooks. Unlike S-hooks they can be used multiple times. They are also much easier to install then S-hooks. They are stronger and some cities and parks are requiring their use instead of S-hooks. This shackle is 5/16” with 3/8” x 1 ½” bolt. There is a ½” opening at the bolt and at the widest it is 1”. This will accept up to a ½” chain. This works with our swing hangers and chain except the A7800 – A7900. The shackle is 212 HBS and the bolt is 176 HBS. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 12500 lbs.

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Installation: Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Make sure you are using correct size of shackle. The shackle should not crimp material producing a wear spot on whatever material you are attaching to shackle. Unscrew shackle bolt from one side of shackle body with A5750 wrench. Place bolt through the two openings present on the components you are attaching together. Screw shackle bolt back into shackle body. Shackles can be used in various assemblies. Call us if you have any questions. Shackles should never be pulled at an angle because the capacity will be tremendously reduced. Centralize whatever is being attached on the bolt with suitable washers or spacers. Ensure the bolt is correctly screwed into the shackle eye with an A5750 wrench. Check that the threads are fully engaged with the body, but not so tight that it causes the body to bend in or that the threads go past the body by more than two threads.

Safe Use: This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

Maintenance: Do the following to reduce the chance of serious injuries. At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in metal. Check for excessive wear Check for rust and to make sure bolt is still tight and not more than 10% worn. Replace parts as necessary for safety. The shackle bolt should never be replaced with a regular bolt. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A5705 Anchor Shackle Stainless Steel - Commercial

These shackles take the place of S-hooks. Unlike S-hooks they can be used multiple times. They are also much easier to install than S-hooks. They are stronger and some cities and parks are requiring their use instead of S-hooks. This shackle is 2 1/8” long. The ID is 3/4” and the opening is ½”. This works with our swing hangers and chain except the A7800 – A7900. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 1461 lbs.

**Installation, Safe Use and Maintenance Instructions**

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Make sure you are using correct size of shackle. The shackle should not crimp material producing a wear spot on whatever material you are attaching to shackle. Unscrew shackle bolt from one side of shackle body with A5750 wrench. Place bolt through the two openings present on the components you are attaching together. Screw shackle bolt back into shackle body. Shackles can be used in various assemblies. Call us if you have any questions. Shackles should never be pulled at an angle because the capacity will be tremendously reduced. Centralize whatever is being attached on the bolt with suitable washers or spacers. Ensure the bolt is correctly screwed into the shackle eye with an A5750 wrench. Check that the threads are fully engaged with the body, but not so tight that it causes the body to bend in or that the threads go past the body by more than two threads.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** Do the following to reduce the chance of serious injuries. At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in metal. Check for excessive wear Check for rust and to make sure bolt is still tight and not more than 10% worn. Replace parts as necessary for safety. The shackle bolt should never be replaced with a regular bolt. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A5725 H-Shackle – Commercial

These shackles take the place of S-hooks. These are used when a wide opening is needed. Unlike S-hooks they can be used multiple times. They are also much easier to install then S-hooks. They are stronger and some cities and parks are requiring their use instead of S-hooks. Use with our swing hangers, Tire Swing and chain except the A7800 – A7900. The shorter bolt is 3/8” ID and the longer bolt is 1.25” ID. The smaller opening is ½” and the wider opening is 1”. This head makes removal because of vandalism more difficult. The shackle is 212 HBS and the bolt is 176 HBS. The hardness of the bolt in the A5725 is: long needle hardness HRC29 / short needle hardness HRC31. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 6800 lbs.

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Installation: Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Make sure you are using correct size of shackle. The shackle should not crimp material producing a wear spot on whatever material you are attaching to shackle. Unscrew both shackle bolts from one side of shackle body with A5750 wrench. Place the large bolt through the widest opening present on one of the components you are attaching together. Place the smaller bolt through the narrowest opening present on the other component you are attaching together. Screw shackle bolt back into shackle body. Shackles can be used in various assemblies. Call us if you have any questions. Shackles should never be pulled at an angle because the capacity will be tremendously reduced. Centralize whatever is being attached on the bolt with suitable washers or spacers. Ensure the bolt is correctly screwed into the shackle eye with an A5750 wrench. Check that the threads are fully engaged with the body, but not so tight that it causes the body to bend in or that the threads go past the body by more than two threads.

Safe Use: This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

Maintenance: Do the following to reduce the chance of serious injuries. At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in metal. Check for excessive wear. Check for rust and to make sure bolt is still tight and not more than 10% worn. Replace parts as necessary for safety. The shackle bolt should never be replaced with a regular bolt. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A5730 H-Shackle Stainless Steel – Commercial

These shackles take the place of S-hooks. These are used when a wide opening is needed. Unlike S-hooks they can be used multiple times. They are also much easier to install than S-hooks. They are stronger and some cities and parks are requiring their use instead of S-hooks. Use with our swing hangers, Tire Swing and chain except the A7800 – A7900. The shorter bolt is 3/8” ID and the longer bolt is 1.25” ID. The smaller opening is ½” and the wider opening is 1 1/16”. This head makes removal because of vandalism more difficult. The shackle is 212 HBS and the bolt is 176 HBS. The hardness of the bolt in the A5725 is: long needle hardness HRC29 / short needle hardness HRC31. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 1461 lbs.

**Installation, Safe Use and Maintenance Instructions**

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Make sure you are using correct size of shackle. The shackle should not crimp material producing a wear spot on whatever material you are attaching to shackle. Unscrew both shackle bolts from one side of shackle body with A5750 wrench. Place the large bolt through the widest opening present on one of the components you are attaching together. Place the smaller bolt through the narrowest opening present on the other component you are attaching together. Screw shackle bolt back into shackle body. Shackles can be used in various assemblies. Call us if you have any questions. Shackles should never be pulled at an angle because the capacity will be tremendously reduced. Centralize whatever is being attached on the bolt with suitable washers or spacers. Ensure the bolt is correctly screwed into the shackle eye with an A5750 wrench. Check that the threads are fully engaged with the body, but not so tight that it causes the body to bend in or that the threads go past the body by more than two threads.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** Do the following to reduce the chance of serious injuries. At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in metal. Check for excessive wear. Check for rust and to make sure bolt is still tight and not more than 10% worn. Replace parts as necessary for safety. The shackle bolt should never be replaced with a regular bolt. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A5750 Allen Wrench: Commercial

This allen wrench has a special hole to accept pin in the shackle bolt head. Fits both shackles and shackle pendulum swing hangers.

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Place end with star into end of shackle bolt. Turn clockwise to open or counter clockwise to close shackle.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A5900 Standard Spring Loaded Connector Clips – Residential

These clips are 5/16” x 3” with a standard opening. These will work with all of our chain. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 1662 lbs.

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Make sure you are using correct size of spring clip the spring clip should not crimp material producing a wear spot on whatever material you are attaching to spring clip. Spring clip should be able to close completely spring clips have many uses, and assembly will vary. If you are using the spring clip to attach chain to swing hanger: Push down spring. Slide chain on spring clip and down to smaller end of spring clip. Put the larger portion of the spring clip into the hole present on the swing hanger. Let spring snap shut. Be careful not to get fingers caught in spring. For assembling different components, instructions should be similar. Contact us, if you have any questions. Also, when using spring clips, do not use in instances where children are able to press down spring and allow their fingers to be caught in spring. This can cause bruising and cuts.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** Do the following to reduce the chance of serious injuries. At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in metal. Check for excessive wear Check for rust and to make sure spring still closes. Replace parts as necessary for safety Any damage from vandalism, abuse or misuse VOIDS all warranties.
A5950 Wide Spring Loaded Connector Clips – Residential

These clips are 3/8” x 4” with a wide opening to fit everything including swing hangers and washer seats. This clip cannot be used with the A7600 – A7700 – A7800 – A7900 coated chain. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 2900 lbs.

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Make sure you are using correct size of spring clip the spring clip should not crimp material producing a wear spot on whatever material you are attaching to spring clip. Spring clip should be able to close completely spring clips have many uses, and assembly will vary. If you are using the spring clip to attach chain to swing hanger: Push down spring. Slide chain on spring clip and down to smaller end of spring clip. Put the larger portion of the spring clip into the hole present on the swing hanger. Let spring snap shut. Be careful not to get fingers caught in spring. For assembling different components, instructions should be similar. Contact us, if you have any questions. Also, when using spring clips, do not use in instances where children are able to press down spring and allow their fingers to be caught in spring. This can cause bruising and cuts.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** Do the following to reduce the chance of serious injuries. At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in metal. Check for excessive wear Check for rust and to make sure spring still closes. Replace parts as necessary for safety. Any damage from vandalism, abuse or misuse VOIDS all warranties.
A6000 Large End 3/8” wide x 4” long – Commercial

This is a large end 3/8” x 4” S-hook. Our commercial quality large end S-hooks are designed to fasten chain to swing hangers and swing seats to help prevent binding. They do not work with our A7600 – A7700 – A7800 – A7900 coated chain. They are plated to resist rust. S-hooks that are not bought from a playground manufacturer do not have the quality control and have been known to break with the first “swinger”. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 1177 lbs.

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Make sure you are using correct size of S-hook. Closing S-hook should not crimp material producing a wear spot on whatever material you are attaching to S-hook. If this occurs, use a larger S-hook to extend life of product. Because S-hooks are often constructed of heavy-duty materials that can withstand significant weight, they are not easy to close. A pair of pliers designed for closing and opening S-hooks, such as our A8000 is necessary. Close according to Fig A1.19 for Fastening Devices. To close S-hooks: Put the S-hook in the front part of the large jaws and close the pliers' legs and the S-hook will close. Make sure all S-hooks are closed to within .04 to meet ASTM safety standards. To open S-hooks: Use the little jaws at the other end of the pliers' head. Put the top or outer jaw inside of the closed S-hook. Close the pliers' legs and the S-hook should open.

**WARNING:** Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in metal. Check for excessive wear. Replace parts as necessary for safety. Make sure S-hooks are closed to within .04 to meet ASTM safety standards. Check for vandalism. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A6250 Standard 3/8” wide x 3” long – Commercial

This is a standard 3/8” x 3” S-hook. Our commercial quality S-hooks are designed to fasten chain to swing hangers and swing seats to help prevent binding. They are plated to resist rust. They do not work with our A7600 – A7700 – A7800 – A7900 coated chain. S-hooks that are not bought from a playground manufacturer do not have the quality control and have been known to break with the first “swinger”. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 1543 lbs.

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Make sure you are using correct size of S-hook. Closing S-hook should not crimp material producing a wear spot on whatever material you are attaching to S-hook. If this occurs, use a larger S-hook to extend life of product. Because S-hooks are often constructed of heavy-duty materials that can withstand significant weight, they are not easy to close. A pair of pliers designed for closing and opening S-hooks, such as our A8000 is necessary. To close S-hooks: Put the S-hook in the front part of the large jaws and close the pliers’ legs and the S-hook will close. Make sure all S-hooks are closed to within .04 to meet ASTM safety standards. Close according to Fig A1.19 for Fastening Devices. To open S-hooks: Use the little jaws at the other end of the pliers’ head. Put the top or outer jaw inside of the closed S-hook. Close the pliers’ legs and the S-hook should open. **WARNING:** Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** Do the following to reduce the chance of serious injuries. At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in metal. Check for excessive wear. Replace parts as necessary for safety. Make sure S-hooks are closed to within .04 to meet ASTM safety standards. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A6500 Large End 5/16" wide x 4" long – Commercial

This is a large end 5/16" x 4" S-hook. This works with all of our chains. Our commercial quality large end S-hooks are designed to fasten chain to swing hangers and swing seats to help prevent binding. They are plated to help resist rust. S-hooks that are not bought from a playground manufacturer do not have the quality control and have been known to break with the first “swinger”. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 745 lbs.

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Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see [http://www.cpsc.gov/cpscpub/pubs/325.pdf](http://www.cpsc.gov/cpscpub/pubs/325.pdf).

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Make sure you are using correct size of S-hook. Closing S-hook should not crimp material producing a wear spot on whatever material you are attaching to S-hook. If this occurs, use a larger S-hook to extend life of product. Because S-hooks are often constructed of heavy-duty materials that can withstand significant weight, they are not easy to close. A pair of pliers designed for closing and opening S-hooks, such as our A8000 is necessary. To close S-hooks: Put the S-hook in the front part of the large jaws and close the pliers’ legs and the S-hook will close. Make sure all S-hooks are closed to within .04 to meet ASTM safety standards. Close according to Fig A1.19 for Fastening Devices. To open S-hooks: Use the little jaws at the other end of the pliers’ head. Put the top or outer jaw inside of the closed S-hook. Close the pliers’ legs and the S-hook should open. **WARNING:** Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in metal. Check for excessive wear. Replace parts as necessary for safety. Make sure S-hooks are closed to within .04 to meet ASTM safety standards. Check for vandalism. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A6550 Standard 5/16” wide x 3” long – Commercial

This is a standard 5/16” x 3” S-hook. This works with all of our chains. Our commercial quality S-hooks are designed to fasten chain to swing hangers and swing seats to help prevent binding. They are plated to resist rust. S-hooks that are not bought from a playground manufacturer do not have the quality control and have been known to break with the first “swinger”. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 1126 lbs.

**Installation, Safe Use and Maintenance Instructions**

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To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website. www.americanswing.com Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpscpub/pubs/325.pdf.

Installation: Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Make sure you are using correct size of S-hook. Closing S-hook should not crimp material producing a wear spot on whatever material you are attaching to S-hook. If this occurs, use a larger S-hook to extend life of product. Because S-hooks are often constructed of heavy-duty materials that can withstand significant weight, they are not easy to close. A pair of pliers designed for closing and opening S-hooks, such as our A8000 is necessary. To close S-hooks: Put the S-hook in the front part of the large jaws and close the pliers’ legs and the S-hook will close. Make sure all S-hooks are closed to within .04 to meet ASTM safety standards. Close according to Fig A1.19 for Fastening Devices. To open S-hooks: Use the little jaws at the other end of the pliers’ head. Put the top or outer jaw inside of the closed S-hook. Close the pliers’ legs and the S-hook should open. WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking.

Safe Use: This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

Maintenance: Do the following to reduce the chance of serious injuries. At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in metal. Check for excessive wear, Replace parts as necessary for safety. Make sure S-hooks are closed to within .04 to meet ASTM safety standards. Check for vandalism. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A6620 Closed ¼” x 2” – Residential

Primarily used to adjust rope lengths. Galvanized to resist rust. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

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One of the uses for these fasteners is to shorten or lengthen rope.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** Do the following to reduce the chance of serious injuries. At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks. Check for vandalism. Check for wear and frayed or loose rope. Replace parts if necessary. **WARNING:** Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A6630 Pelican Hook - Residential

This ¼” x 2” pelican hook can be used to fasten rope or chain to nylon bushing. Galvanized to help resist rust. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

**Installation, Safe Use and Maintenance Instructions**

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

These fasteners are normally used with rope. The rope is put through the round hole and then securely clamped with rope clips. The elongated part of pelican hook is put through the swing hanger or over a rod. These fasteners are made so that things can be removed easily, therefore they are not as secure as a closed S-hook or Shackle, and should only be used in situations where this will not pose a danger by a product becoming loose and a child falling resulting in injury.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** Do the following to reduce the chance of serious injuries. At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks. Check for vandalism. Check for wear and frayed or loose rope. Replace parts if necessary.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A1000 Tot Full Bucket Rubber Seat with Insert - Commercial

This is a fully enclosed one piece infant seat that helps prevent small children from falling out. The dimensions of the seat are 39” circumference, 9½” deep, the front leg opening is 5” leg with the back opening 4½”. It is made with a steel insert that is encased in 70duro EPDM rubber with heavy duty rust resistant welded triangular hardware. EPDM: Ethylene-propylene-diene-monomer is a synthetic rubber material which helps prevent crazing, cracking and oxidizing. Natural rubber is often made from recycled tires etc., and you are never sure what the actual rubber mixture is. It often wears off on children’s clothes. It cracks and crazes, making the seat unsightly and allowing moisture to get into the seat. This makes the seat deteriorate at a much quicker rate. Our seats are made of EPDM rubber that is marred especially for our swing seats. The rubber does not rub off on children’s clothes, and the seats last much longer than natural rubber swings. Unlike seats made of polymer, seats made of EPDM rubber hold up well in extreme temperatures, both very hot and very cold. Our one piece steel insert is not used in most other swing seats either. Making a one piece insert is much more expensive than labbing an insert together because of the waste that is caused. However, we feel that the strength of the seat is greatly increased and warrants the expense. Our seats have galvanized steel triangles and steel plates that are riveted to the seat with galvanized rivets. We go to the added expense of welding each triangle together so they cannot be pulled apart and pulled off the seat. We believe our swings are one of the few that have these welded triangles. The triangle is constructed of 3/8” dia. cold rolled steel with the ends welded together. The plate is 1/16” thick h.r. stamped galvanized steel. The rivets which are used to rivet the plate through the EPDM rubber and steel insert are made of ½” diameter steel. There are three rivets on each side of the seat. The A1000 tot seat has a 1075 steel insert, full hard, painted with a non-rusting adhesive, and then coated with rubber that is from ¼” to 3/8” thick. This is a new innovation by our company, not offered by other companies, which helps prevent a child from being cut if the rubber is ever torn off a seat. We believe our seats are made to the highest standards available. Customers cannot see many of the extra hidden safety features. Uniformed users may think our seats and another supplier are the same. However, they may not have added the hidden safety features that we have because of the added costs. We feel these safety features benefit the strength of our swings and the well-being of the children that use our equipment. The seat should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 5300 lbs.

**Installation, Safe Use and Maintenance Instructions**

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Installation: Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

This swing is intended for children two years and three years old with Adult supervision. Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult Figure 23, Table 7 for commercial swing sets. For residential sets see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections.

This swing must be installed a minimum of 24 inches from resilient surfacing. This would be 42” off the height of the swing frame. Install this swing where a child can easily be attended at all times and not in direct sun. Warning on swing seat should face forward. Swings intended for the same age groups should be suspended from structures that are separate from those for other swings for different age groups, or at least suspended from a separate bay of the structure. For instance, a full bucket swing should be in the same bay with another full bucket swing, not a full bucket and a strap seat in the same bay. To minimize the likelihood of children being struck by a moving swing, it is recommended that no more than two swings be hung in each bay of the supporting structure. The use zone for the swing should extend to the front and rear of the swing set, a minimum of twice the vertical distance from the top of the occupant’s sitting surface to the pivot point of the swing hanger. The use zone in front of and behind swings should never overlap with any other use zone. The use zone to the sides of a single-axis swing should extend a minimum of 6 feet from the perimeter of the swing. This 6-foot zone may overlap that of an adjacent swing structure or other playground equipment structure.

Measure each side of swing chain, so the swing hangs evenly. Attach the bottom of each chain to the large metal triangle on swing set with either a Shackle or S-hook. The bolt on Shackle goes through the chain with “C” part of Shackle going through triangular hardware on swing set. Close according to Figure A1.19 for Fastening Devices. Make sure that fasteners are strong enough to support weight and use. We suggest using an A5700 Shackle or 3/8” diameter standard S-hooks to connect chain to seat. WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. Try swinging seat without child in it first, to make sure everything is working correctly before placing child in seat. If a large child gets trapped in seat, the easiest way to release child is to drill out rivets on swing hardware. Then, hardware can be removed, and seat will unassemble, releasing child.

Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay/.

Safe Use: This seat is for children 2 and 3 years old only. This swing is intended for use by only one child at a time. Children should be placed in swing and removed from swing by an Adult. Do not remove children until the swing has stopped completely. Adults should supervise children at all times. Do not allow children to stand or kneel on swing set or use unsafely. Do not allow piss to be used if damaged. Do not use when wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging.

Maintenance: At beginning and end of each play season and at least once a month during play season, check for sharp edges on hardware and/or cracks in rubber. Make sure the steel insert is not showing through rubber. Check for vandalism. Check for rusty or worn chain. Replace parts if necessary. Check to make sure S-hooks and/or Shackles are closed properly. Check resilient surfacing for appropriate depth and cleanliness. If you see wear on a swing, replace all swings purchased at the same time. Remove swings from set when temperature reaches zero or over 100°. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

Colors: Black, Blue, Green, Red, Tan and Yellow
A1003 Infant High Back Infant Seat with Insert - Commercial

This a fully enclosed infant one piece seat with a high back to offer extra support for smaller children. This swing has a smaller leg opening, ASTM F2373, for children 6 to 23 months. The dimensions of the seat are 39" circumference, 11" deep, the front leg opening is 3.5" leg with the back opening 3.75". Made of 70 duro EPDM rubber with an insert and heavy duty rust resistant welded triangular hardware. EPDM: Ethylene-propylene-diene-monomer is a synthetic rubber material which helps prevent crazing, cracking and oxidizing. Natural rubber is often made from recycled tires etc., and you are never sure what the actual rubber mixture is. It often wears off on children’s clothes. It cracks and crazes, making the seat unsightly and allowing moisture to get into the seat. This makes the seat deteriorate at a much quicker rate. Our seats are made of EPDM rubber that is made especially for our swing seats. The rubber does not rub off on children’s clothes, and the seats last much longer than natural rubber swings. Unlike seats made of polymer, seats made of EPDM rubber hold up well in extreme temperatures, both very hot and very cold. Our one piece steel insert is not used in most other swing seats either. Making a one piece insert is much more expensive than tabbing an insert together because of the waste that is caused. However, we feel that the strength of the swing seats is greatly increased and warrants the expense. Our seats have galvanized steel triangles and steel plates that are riveted to the seat with galvanized rivets. We go to the added expense of welding each triangle together so they cannot be pulled apart and pulled off the seat. We believe our swings are one of the few that have these welded triangles. The triangle is constructed of 3/8" dia. cold rolled steel with triangular welded together. The plate is 1/16" thick h.r. stamped galvanized steel. The rivets which are rivet to the plate through the EPDM rubber and steel insert are made of 1/8" diameter steel. There are three rivets on each side of the seat. The S103 high back toot seat has a 1075 steel insert, full hard, painted with a non-rusting adhesive, and then coated with rubber that is from 3/16" to 3/8" thick. This is a new innovation by our company, not offered by other companies, which helps prevent a child from being cut if the rubber is ever torn off a seat. We believe our seats are made to the highest standards available.

Customers cannot see many of the extra hidden safety features. Uninformed users may think our seats and another suppliers are the same. However, they may not have added the hidden safety features that we have because of the added costs. We feel these safety features benefit the strength of our swings and the well-being of the children that use our equipment. The seat should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

**Installation, Safe Use and Maintenance instructions**

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

This swing is intended for infants six months to twenty-three months with Adult supervision. Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult Figure 23, Table 7 for commercial swing sets. For residential sets see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child and adult can easily supervise. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections.

This swing must be installed a minimum of 24 inches from resilient surfacing and the top pivot point should be no more than 95" from resilient surfacing. This would be 42" off the height of the swing frame. Install this swing where a child can easily be supervised and not in direct sun. Warning on swing seat should face forward. Swings intended for the same age groups should be suspended from structures that are separated from the swings for different age groups or at least suspended from a separate bay of the same structure. For example, a full bucket swing should be in the same bay with another full bucket swing, not a full bucket and a strap seat in the same bay. To minimize the likelihood of children being struck by a moving swing, it is recommended that no more than 2 swings be hung in each bay of the supporting structure. The use zone for the swing should extend to the front and rear of the swing set, a minimum of twice the vertical distance from the top of the occupant’s sitting surface to the pivot point of the swing hanger. The use zone in front of and behind swings should never overlap with any other use zone. The use zone to the sides of a single-axis swing should extend a minimum of 6 feet from the perimeter of the swing. This 6-foot zone may overlap that of an adjacent swing structure or other playground equipment structure.

Measure each side of swing chain, so the swing hangs evenly. Attach the bottom of each chain to the large metal triangle on swing seat with either a Shackle or S-hook. The bolt on Shackle goes through the chain with “C” part of Shackle going through triangular hardware on swing seat. Close according to Figure A1.19 for Fastening Devices. Make sure that fasteners are strong enough to support weight and use. We suggest using an A5700 Shackle or 3/8" diameter standard S-hooks to connect chain to seat. WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. Try swinging swing without child in it first to make sure everything is working correctly before placing child in seat. If a large child gets trapped in seat, the easiest way to release child is to drill out rivets on swing hardware. Then, hardware can be removed, and seat will unassemble, releasing child.

Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 968. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay/.

**Safe Use:** This seat is for infants six months to twenty-three months. This swing hangs evenly. Attach the bottom of each chain to the large metal triangle on swing seat with either a Shackle or S-hook. The bolt on Shackle goes through the chain with “C” part of Shackle going through triangular hardware on swing seat. Close according to Figure A1.19 for Fastening Devices. Make sure that fasteners are strong enough to support weight and use. We suggest using an A5700 Shackle or 3/8" diameter standard S-hooks to connect chain to seat. WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. Try swinging swing without child in it first to make sure everything is working correctly before placing child in seat. If a large child gets trapped in seat, the easiest way to release child is to drill out rivets on swing hardware. Then, hardware can be removed, and seat will unassemble, releasing child.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in rubber. Make sure the steel insert is not showing through rubber. Check for vandalism. Check for rusty or worn chain. Replace parts if necessary. Check to make sure S-hooks and/or Shackles are closed properly. Check resilient surfacing for appropriate depth and cleanliness. If you see wear on a swing, replace all swings purchased at the same time. Remove swings from set when temperature reaches zero or over 100°. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse voids all warranties.

**Colors:** Black, Blue, Green, Red, Tan and Yellow
A1007 Tot Full Bucket Polymer Infant Seat – Residential

A fully enclosed residential infant seat with welded triangular hardware. The dimensions of the seat are 39” circumference, 9.5” deep, the front leg opening is 4.5” leg with the back opening 4.75” Made from elastomer material which fades less than most material available. Our seats have galvanized steel triangles and steel plates that are riveted to the seat with galvanized rivets. We go to the added expense of welding each triangle together so they cannot be pulled apart and pulled off the seat. We believe our swings are one of the few that have these welded triangles. The triangle is constructed of 3/8” dia. cold rolled steel with the ends welded together. The plate is 1/16” thick h.r. stamped galvanized steel. The rivets which are used to rivet the plate through the polymer are made of ¼” diameter. There are three rivets on each side of the seat. We believe our seats are made to the highest standards available. Customers cannot see many of the extra hidden safety features. Uninformed users may think our seats and another suppliers are the same. However, they may not have added the hidden safety features that we have because of the added costs. We feel these safety features benefit the strength of our swings and the well-being of the children that use our equipment. The seat should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 1300 lbs.

**Installation, Safe Use and Maintenance Instructions**

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Installation: Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

This swing is intended for tots two and three years old for RESIDENTIAL USE ONLY. Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections.

Install swing at a height which is safe and comfortable for the age group using swing, but at a minimum of 8 inches from resilient surfacing. This would be 42” off the height of the swing frame. Install this swing where a child can easily be supervised and not in direct sun. Place tire swings and disk swings in separate bays, away from other swinging equipment. Space swings at least as far apart as indicated: 8 inches minimum for swings with limited sideways motion; 24 inches minimum between swings with unlimited lateral motion (such as disk swings) and support poles when measured from the side of the swing perpendicular to the plane formed by the support poles; 12 inches minimum between lawn swings and equipment support poles measured at 28 inches above the seat; 16 inches minimum between the teeter-totter’s seat center and support poles at 22 inches above the seating surface; 8 inches minimum between the protective surfacing and the underside of a suspended unit. The use zone for the swing should extend to the front and rear of the swing set, a minimum of twice the vertical distance from the top of the occupant’s sitting surface to the pivot point of the swing hanger. The use zone in front of and behind swings should never overlap with any other use zone. The use zone to the sides of a single-axis swing should extend a minimum of 6 feet from the perimeter of the swing. This 6-foot zone may overlap that of an adjacent swing structure or other playground equipment structure.

Measure each side of swing chain, so the swing hangs evenly. Attach the bottom of each chain to the large metal triangle on swing seat with either a Shackle or S-hook. The bolt on Shackles goes through the chain with “C” part of Shackles going through triangular hardware on swing seat. Close according to Figure A.19 for Fastening Devices. Make sure that fasteners are strong enough to support weight and use. We suggest using an A3700 Shackles or 5/16” diameter standard S-hooks to connect chain to seat. WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. Try swinging seat without child in it first to make sure everything is working correctly before placing child in seat. If a large child gets trapped in seat, the easiest way to release child is to drill out rivets on swing hardware. Then, hardware can be removed, and seat will unassemble, releasing child.

Protective surfaces that meets ASTM F1292 must be under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the important things that you can do to reduce the likelihood of serious injuries.

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.cpsc.gov/cpscpub/pts/325.pdf.

**Safe Use:** This seat is for children 2 and 3 years old only. This swing is intended for use by only one child at a time. Children should be placed in swing and removed from swing by an Adult. Do not remove children until the swing has stopped completely. Adults should supervise children at all times. Do not allow children to stand or kneel on seat or use unsafely. Do not allow it to be used if damaged. Do not use when wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in front and rear of and behind swings should never overlap with any other use zone. The use zone to the sides of a single-axis swing should extend a minimum of 6 feet from the perimeter of the swing. This 6-foot zone may overlap that of an adjacent swing structure or other playground equipment structure.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in elastomer. Check for vandalism. Check for rusty or worn chain. Replace parts if necessary. Check to make sure S-hooks and/ or Shackles are closed properly. Check resilient surfacing for the strength of our swings and the well-being of the children that use our equipment. The seat should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 1300 lbs.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:** Blue, Green, Red, Tan and Yellow
A1027 Rotational Molded Flat Swing Seat – Commercial

This is a rotational molded swing made of polyethylene and has a new improved hanger. It is available in bright colors that will not fade. The dimensions of the seat are 19.75” x 9” x 2”. Space between hangers is 16 3/8”. These seats are made wider and study to hold both small and large children. This seat meets ASTM Standards both commercially and residentially. The seat should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 3000 lbs.

**Installation, Safe Use and Maintenance instructions**

**IMPORTANT:** Please read for important information. In this material we have tried to provide some requirements stated in the CPSC Handbooks, ASTM F2373-11, F1487-11 and F1148-10. All this information is to be a comprehensive list. In the future the publications are updated frequently with changes, therefore, you should read these publications yourself to determine if any part or installation could prove a danger to a child.

To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website. [www.americanswing.com](http://www.americanswing.com) Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see [http://www.cpsc.gov/cpscpub/pubs/325.pdf](http://www.cpsc.gov/cpscpub/pubs/325.pdf).

**Installation:**

Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

This swing is intended for children four years to twelve years old. Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult Figure 23, Table 7 for commercial swing sets. For residential sets see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections.

This swing must be installed a minimum of 12 inches from resilient surfacing. On average, seats are 2” from resilient surfacing depending on the age of children. Install this swing where a child can easily be supervised and not in direct sun. Swings intended for the same age groups should be suspended from structures that are separate from those for other swings for different age groups, or at least suspended from a separate bay of the same structure. For instance, a full bucket swing should be in the same bay with another full bucket swing, not a full bucket and a strap seat in the same bay. To minimize the likelihood of children being struck by a moving swing, it is recommended that no more than two swings be hung in each bay of the supporting structure. The use zone for the swing should extend to the front and rear of the swing set, a minimum of twice the vertical distance from the top of the occupant’s sitting surface to the pivot point of the swing hanger. The use zone in front of and behind swings should never overlap with any other use zone. The use zone to the sides of a single-axis swing should extend a minimum of 6 feet from the perimeter of the swing. This 6-foot zone may overlap that of an adjacent swing structure or other playground equipment structure.

Attach metal triangle hangers by first putting one of supplied washers on both ends of each hanger. Then, push hangers through holes in the end of each seat. You may have to hit hanger with a rubber mallet to insert them through the holes in the plastic. Once hangers are through the holes, slide another washer on threaded portion of hanger sticking through the bottom of the swing. Attach and tighten nylon nut so that it is secure and not more than two threads are protruding past the nut. Repeat this process for all four ends of hangers. Measure each side of swing chain, so the swing hangs evenly. Attach the bottom of each chain to the metal triangle on swing seat with either a shackler or S-hook. The bolt on shackler goes through the chain with “C” part of shackler going through triangular hardware on swing seat. Close according to Figure A1.19 for Fastening Devices. Make sure that fasteners are strong enough to support weight and use. We suggest using a A5700 shackler or 3/8” diameter standard S-hooks to connect chain to seat. Try swinging seat without child in it first to make sure everything is working correctly before placing child in seat.

Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

The new CPSC standard states that the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age. Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at [http://www.mindspring.com/~safetyplay/](http://www.mindspring.com/~safetyplay/). To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website. [www.americanswing.com](http://www.americanswing.com) Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see [http://www.cpsc.gov/cpscpub/pubs/325.pdf](http://www.cpsc.gov/cpscpub/pubs/325.pdf).

**Safe Use:** This seat is for children 4 -12 years old only. This swing is intended for use by only one child at a time. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow children to stand or kneel on seat or use unsafely. Do not allow it to be used if damaged. Do not use when wet. Instruct children not to wrap chains around top beam or twist chains to hit hanger with a rubber mallet to insert them through the holes in the plastic. Once hangers are through the holes, slide another washer on threaded portion of hanger sticking through the bottom of the swing. Attach and tighten nylon nut so that it is secure and not more than two threads are protruding past the nut. Repeat this process for all four ends of hangers. Measure each side of swing chain, so the swing hangs evenly. Attach the bottom of each chain to the metal triangle on swing seat with either a shackler or S-hook. The bolt on shackler goes through the chain with “C” part of shackler going through triangular hardware on swing seat. Close according to Figure A1.19 for Fastening Devices. Make sure that fasteners are strong enough to support weight and use. We suggest using a A5700 shackler or 3/8” diameter standard S-hooks to connect chain to seat. Try swinging seat without child in it first to make sure everything is working correctly before placing child in seat.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in plastic. Make sure nuts on seats are not loose or missing. Check for vandalism. Check for rust or worn chain. Replace parts if necessary. Check to make sure S-hooks and/or Shackles are closed properly. Check resilient surfacing for appropriate depth and cleanliness. If you see wear on a swing, replace all swings purchased at the same time. Remove swings from set when temperature reaches zero or over 100°. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:** Black, Blue, Green, Red and Yellow

A1027H Replacement Hanger for the A1027and A1950
A1075 Tot Full Bucket Roto Molded – Commercial and/or Residential

This infant swing that comes in bright colors that will not fade and is made of Polyethylene. The dimensions of the seat are 12” across, 11” front to back, leg holes are 6.5” in diameter and the front of the seat is 8” deep with the back at 14”. This will minimize use by older children and adults. The width of the crotch band is 3.0”. It is a rotomolded and is molded as a “double wall part”. The spacing between the walls is 1.5” for strength and rigidity. Perimeter walls-side, front and back are 1.25” apart. The seat bottom and back are at 90 degrees to each other with a transitional radius of 3.5” for comfort and strength. The angle between the front wall and the bottom is 7 degrees therefore putting the backrest at 7 degrees “off vertical” for a correct ergonomic position. This angle also provides for proper balance putting the infant’s weight slightly behind the hanging point thereby reducing the sensation of “topping forward”. The seat bottom has four 1” diameter “molded-in” holes which act as columns for strength and support of the infant’s weight. These holes also provide drainage eliminating the collection of water in the swing. The leg holes are cut flush to the seat sides to reject the possibility of “cutting off” blood circulation in the child’s posterior thigh area. The seat perimeter frame has four integrally molded mounting points. The underside of each hole is counter-bored to allow for the locking nuts that attach the hanger to the seat to be fully encapsulated for safety and security. The hanger is constructed of .375” diameter stainless steel rod. The legs are of offset length so as to allow for the correct seat position and attitude when hung. All “eyes” and pivot joints are welded shut and de-burred for safety, strength and security. The drop-forged, stainless steel, shouldered eyebolts are secured to the seat via flat stainless steel washers and .375” locknuts. This seat meets ASTM Standards both commercially and residentially. This seat should last 2 years in harsh conditions and up to 5 years in optimal conditions. Tensile strength 5000 lbs.

**Installation, Safe Use and Maintenance Instructions**

IMPORTANT: Please read for important information. In this material we have tried to provide some requirements stated in the CPSC Handbooks, ASTM F2373-11, F1487-11 and F1148-09. However, we in no way intend for this to be a complete list of requirements. Also these publications are updated frequently with changes, therefore, you should read these publications yourself to determine if any part or installation could prove a danger to a child.

To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website. www.americanswing.com  Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpscpub/pubs/325.pdf.

Installation: Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

This swing is intended for one tot two and three years old. Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult Figure 23, Table 7 for commercial swing sets. For residential sets see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections.

This swing must be installed a minimum of 12” and a maximum of 24” from resilient surfacing. On average seats are 2 ½” from resilient surfacing depending on the age of children. Install this swing where a child can easily be supervised and free from distraction. Swings intended for the same age groups should be suspended from structures that are separate from those for other swings for different age groups, or at least suspended from a separate bay of the same structure. For instance, a full bucket swing should be in the same bay with another full bucket swing, not a full bucket and a strap seat in the same bay. To minimize the likelihood of children being struck by a moving swing, it is recommended that no more than two swings be hung in each bay of the supporting structure. The use zone for the swing should extend to the front and rear of the swing set, a minimum of twice the vertical distance from the top of the occupant’s sitting surface to the pivot point of the swing hanger. The use zone in front of and behind swings should never overlap with any other use zone. The use zone to the sides of a single-axis swing should extend a minimum of 6 feet from the perimeter of the swing. This 6-foot zone may overlap that of an adjacent swing structure or other playground equipment structure.

To attach hangers: Take the long end of one hanger and stick it through the hole in the front of the swing, with the short end of the hanger going to the hole in the back of the swing. Once both hangers are through the holes, slide asupplied washer on threaded portion of hanger sticking through the bottom of the swing. Attach and tighten nylock nut so that it is secure and not more than two threads are protruding past the nut. Repeat this process for all four ends of hangers. To attach swing to set, measure each side of swing chain, so the swing hangs evenly. Attach the bottom of each chain to the metal triangle on swing seat with either a shackles or S-hook. The bolt on shackle goes through the chain with “C” part of shackle going through triangular hardware on swing seat. Close according to Figure A.19 for Fastening Devices. Make sure that fastenings are strong enough to support weight and use. We suggest using a A5700 shackle or 3/8” diameter standard S-hooks to connect chain to seat. WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. Try swinging seat without child in it first to make sure everything is working correctly before placing child in seat.

Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age. Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay/.

Safe Use: This seat is for children 2 and 3 years old. This swing is intended for use by only one child at a time. Children should be placed in swing and removed from swing by an Adult. Do not remove children until the swing has stopped completely. Adults should supervise children at all times. Do not allow children to stand or kneel on seat or use unsafely. Do not allow it to be used if damaged. Do not use when wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging.

Maintenance: At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in plastic. Check for vandalism. Check for rusty or worn chain. Replace parts if necessary. Check to make sure S-hooks and/or Shackles are closed properly. Check resilient surfacing for appropriate depth and cleanliness. If you see wear on a swing, replace all swings purchased at the same time. Remove swings from set when temperature reaches zero or over 100°. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOID all warranties.

Colors: Black, Blue, Green, Red and Yellow

A1075H – Replacement Hanger for the A1075
A1400 Kevlar Insert Strap Seat – USA – Commercial

This new patent pending new generation swing is unique in comparison to any other swing now being sold in the playground industry. The dimensions of the seat are 24" x 6" x 5/16" or 2" wide and 6" long x 5/16" thick. The hangers are stainless steel. It is made of EPDM rubber over Kevlar. It has a Kevlar insert instead of a steel insert. You need to use a H172 shackle to connect the swing to the chain. The swing is the same material being used in body armor. It is cut resistant and heavier and stronger than steel. We have tested this swing to 10,000 pounds tensile strength. Kevlar is not sharp if the seat is worn or vandalized. The swing also has stainless steel hangers. If you have a high use, high vandalism area, this is the swing for you. Since it will last so long, it will save you costs overall in labor and replacement swings. Since we believe this swing is so much better than any other in the marketplace, we are offering a five year unconditional guarantee for this swing.

EPDM: Ethylene-propylene-diene-monomer is a synthetic rubber material which helps prevent crazing, cracking and oxidizing. Natural rubber is often made from recycled tires etc., and you are never sure what the actual rubber mixture is. It often wears off on children’s clothes. It cracks and crazes, making the seat unsightly and allowing moisture to get into the seat. This makes the seat deteriorate at a much quicker rate. Our seats are made of EPDM rubber that is made especially for our swing seats. The rubber does not rub off on children’s clothes, and the seats last much longer than natural rubber swings. Unlike seats made of polyurethane, seats made of EPDM rubber hold up well in extreme temperatures, both very hot and very cold. Tensile strength 10,000 lbs.

**Installation, Safe Use and Maintenance Instructions**

**IMPORTANT:** Please read for important information. In this material we have tried to provide some requirements stated in the CPSC Handbooks, ASTM F2373-11, F1487-11 and F1148-09. However, we in no way intend for this to be a complete list of requirements. Also these publications are updated frequently with changes, therefore, you should read these publications yourself to determine if any part or installation could prove a danger to a child.

To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website www.americanswing.com. Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpssp/pubs/325.pdf.

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

This swing is intended for children four years to twelve years old. Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult Figure 23. Table 7 for commercial swing sets. For residential sets see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Loose and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections.

This swing must be installed a minimum of 12 inches from resilient surfacing. On average, seats are 24" from resilient surfacing depending on the age of children. Install this swing where a child can easily be supervised and not in direct sun. Swing intended for the same age groups should be suspended from structures that are separate from those for other swings for different age groups, or at least suspended from a separate bay of the same structure. For instance, a full bucket swing should be in the same bay with another full bucket swing, not a full bucket and a strap seat in the same bay. To minimize the likelihood of children being struck by a moving swing, it is recommended that no more than two swings be hung in each bay of the supporting structure. The use zone for the swing should extend to the front and rear of the swing set, a minimum of twice the vertical distance from the top of the occupant’s sitting surface to the pivot point of the swing hanger. The use zone in front of and behind swings should never overlap with any other use zone. The use zone to the sides of a single-axis swing should extend a minimum of 6 feet from the perimeter of the swing. This 8-foot zone may overlap that of an adjacent swing structure or other playground equipment structure.

Warning on swing seat should be visible, so the warning can be read easily. Measure each side of swing chain, so the swing hangs evenly. Attach the round part of a shackle or one end of S-hook through the stainless steel hardware on each end of swing seat, and then attach either other end of S-hook or pin of shackle to chain. Close hooks to connect chain to seat. **WARNING:** Once the S-hooks have been opened they will have to be replaced to avoid injuries from breakage and or breaking. Try swinging seat without child in it first to make sure everything is working correctly before placing child in seat.

Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set.

**Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.**

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message, legibility, clarity of message, legibility, clarity of message, legibility, clarity of message, legibility, clarity of message, legibility, clarity of message, legibility, clarity of message, legibility, and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels should they become illegible, destroyed or removed. Signs can be purchased at http://www.cpsc.gov/cpssp/pubs/325.pdf.

**Safe Use:** This seat is for children 4 – 12 years old only. This swing is intended for use by only one child at a time. Adults should supervise children at all times. Do not allow children to stand or kneel on seat or use unsafely. Do not allow it to be used if damaged. Do not use when wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging. Tell children not to exit the swing until it has stopped completely.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in rubber. Check for rust or worn chain. Replace parts if necessary. Check to make sure S-hooks and/or shackles are closed properly. Check resilient surfacing for appropriate depth and cleanliness. If you see wear or replace all swings purchased at the same time. Remove swings from set when temperature reaches zero or over 100°. Maintain detailed inspection and maintenance records for public-use playground equipment. Any damage from vandalism, abuse or misuse VOIDS all warranties.

Color: Black
**Installation, Safe Use and Maintenance Instructions**

**Please read for important information.** In this material we have tried to provide some requirements stated in the CPSC Handbooks, ASTM F2373-11, F1487-11 and F1148-09. However, we no in no way intend for this to be a complete list of requirements. Also these publications are updated frequently with changes, therefore, you should read these publications yourself to determine if any part or installation could prove a danger to a child.

To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website. [www.swingsupply.com](http://www.swingsupply.com) Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see [http://www.cpsc.gov/cpscpub/pubs/325.pdf](http://www.cpsc.gov/cpscpub/pubs/325.pdf).

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from our please contact us at 800-433-2573.

This swing is intended for children four to twelve years old. Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult Figure 23, Table 7 for commercial swing sets. For residential sets see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections.

This swing must be installed a minimum of 12 inches from resilient surfacing. On average, seats are 2" from resilient surfacing depending on the age of children. Install this swing where a child can easily be supervised and not in direct sun. Swings intended for the same age groups should be suspended from structures that are separate from those for other swings for different age groups, or at least suspended from a separate bay of the same structure. For instance, a full bucket swing should be in the same bay with another full bucket swing, not a full bucket and a strap seat in the same bay. To minimize the likelihood of children being struck by a moving swing, it is recommended that no more than two swings be hung in each bay of the supporting structure. The use zone for the swing should extend from the front and rear of the swing set, a minimum of twice the vertical distance from the top of the occupant’s sitting surface to the pivot point of the swing hanger. The use zone in front of and behind swings should never overlap with any other use zone. The use zone to the sides of a single-axis swing should extend a minimum of 6 feet from the perimeter of the swing set. The use zone may overlap with that of an adjacent swing structure or other playground equipment structure.

**Warning on swing seat should face upward, so that the warning can be read easily. Measure each side of swing chain, so the swing hangs evenly.** WARNING: THIS SWING REQUIRES EITHER A LARGE END S-HOOK OR AN H-SHACKLE TO CONNECT SWING TO CHAIN. NOT USING NAMED FASTENERS CAN RESULT IN SEAT BREAKING AND CHILD BEING INJURED. Attach the large end of H-shackle or one end of large end S-hook through round hole on each end of swing seat, and then attach either other end of large end S-hook or small part of H-shackle to chain. Close according to Figure A1.19 for Fastening Devices. Make sure that fasteners are strong enough to support weight and use. We suggest using H-shackles or 3/8" diameter large end S-hooks to connect chain to seat. WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. Try swinging seat without child in it first to make sure everything is working correctly before placing child in seat.

Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. **Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.**

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

Specifications for all warning signs or labels should conform to ANSI Z35.1 and ANSI Z35.1 or ANSI Z35.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at [http://www.mindspring.com/~safetyplay/](http://www.mindspring.com/~safetyplay/).

**Safe Use:** This seat is for children 4 – 12 years old only. This swing is intended for use by only one child at a time. Adults should supervise children at all times. Do not allow children to stand or kneel on seat or use unsafely. Do not allow it to be used if damaged. Do not use when wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging. Tell children not to get off swing until it has stopped completely.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in rubber. Make sure the steel insert is not showing through rubber. Carefully check hole around fastener to look for wear in rubber. Check for vandalism. Check for rusty or worn chain. Replace parts if necessary. Check to make sure S-hooks and/or H-shackles are closed properly. Check resilient surfacing for appropriate depth and cleanliness. If you see wear on a swing, replace all swings purchased at the same time. Remove swings from set when temperature reaches zero or over 100°. Maintain detailed inspection and maintenance records for public-use playground equipment.

**Any damage from vandalism, abuse or misuse VOIDS all warranties.**

**Colors:** Black, Blue, Green, Red, Tan and Yellow
A1600 Vandal Resistant Swing Seat with Insert – Commercial

Galvanized welded triangular hardware makes this one of our sturdiest swing seats. The dimensions of the seat are 24” x 6” x 5/16” or 30 ¼” hanger to hanger. It is made with 70 EPDM rubber with insert to resist vandalism. EPDM: Ethylene-propylene-diene-monomer is a synthetic rubber material which helps prevent crazing, cracking and oxidizing. Natural rubber is often made from recycled tires etc., and you are never sure what the actual rubber fixture is. It often wears off on children's clothes. It cracks and crazes making the seat unsightly and allowing moisture to get into the seat. This makes the seat deteriorate at a much quicker rate. Our seats are made of EPDM rubber that is made especially for our swing seats. The rubber does not rub off on children’s clothes and the seats last much longer than natural rubber swings. Unlike seats made of polymer, seats made of EPDM rubber hold up well in extreme temperatures, both very hot and very cold. Our seats have galvanized steel triangles and steel plates that are riveted to the seat with galvanized rivets. We go to the added expense of welding each triangle together so they cannot be pulled apart and pulled off the seat. We believe our swings are one of the few that have these welded triangles. The triangle is constructed of 3/8” dia. cold rolled steel with the ends welded together. The plate is 1/16” thick h.r. stamped galvanized steel. The rivets which are used to rivet the plate through the EPDM rubber and steel insert are made of 1/8” diameter steel. There are three rivets on each side of the seat. The A1600 seat has a 1075 round edge steel insert, full hard, painted with a non-rusting adhesive, and then coated with rubber that is from ¾” to 3/8” thick. This is a new innovation by our company, not offered by other companies, which helps prevent a child from being cut if the rubber is ever torn off a seat. We believe our seats are made to the highest standards available. Customers cannot see many of the extra hidden safety features. Uninformed users may think our seats and another suppliers are the same. However, they may not have added the hidden safety features that we have because of the added costs. We feel these safety features benefit the strength of our swings and the well-being of the children that use our equipment. The seat’s insert rounded edges to help prevent injuries from sharp edges and then encased in EPDM rubber. The seat should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 3100 lbs.

**Installation, Safe Use and Maintenance Instructions**

**IMPORTANT:** Please read for important information. In this material we have tried to provide some requirements stated in the CPSC Handbooks, ASTM F2373-11, F1487-11 and F1148-09. However, we in no way intend for this to be a complete list of requirements. Also these publications are updated frequently with changes, therefore, you should read these publications yourself to determine if any part or installation could prove a danger to a child.

To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website. www.americanswing.com Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpscpub/guide/325.pdf.

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

This swing is intended for children four years to twelve years old. Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult Figure 23, Table 7 for commercial swing sets. For residential sets see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections.

This swing must be installed a minimum of 12 inches from resilient surfacing. On average, seats are 2” from resilient surfacing depending on the age of children. Install this swing where a child can easily be supervised and not in direct sun. Swings intended for the same age groups should be suspended from structures that are separate from those for other swings for different age groups, or at least suspended from a separate bay of the same structure. For instance, a full bucket swing should be in the same bay with another full bucket swing, not a full bucket and a strap seat in the same bay. To minimize the likelihood of children being struck by a moving swing, it is recommended that no more than two swings be hung in each bay of the supporting structure. The use zone for the swing should extend to the front and rear of the swing set, a minimum of twice the vertical distance from the top of the occupant’s sitting surface to the pivot point of the swing hanger. The use zone in front of and behind swings should never overlap with any other use zone. The use zone to the sides of a single-axis swing should extend a minimum of 6 feet from the perimeter of the swing. This 6-foot zone may overlap that of an adjacent swing structure or other playground equipment structure.

Warning on swing seat should face upward, so that the warning can be read easily. Measure each side of swing chain, so the swing hangs evenly. Attach the bottom of each chain to the metal triangle on swing seat with either a shackle or S-hook. The bolt on shackle goes through the chain with “C” part of shackle going through triangular hardware on swing seat. Close according to Figure A1.19 for Fastening Devices. Make sure that fasteners are strong enough to support weight and use. We suggest using a A5700 shackle or 3/8” diameter standard S-hooks to connect chain to seat. WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. Try swinging seat without child in it first to make sure everything is working correctly before placing child in seat.

Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/ansi/safetypayplay/

**Safe Use:** This seat is for children 4 - 12 years old only. This swing is intended for use by only one child at a time. Adults should supervise children at all times. Do not allow children to stand or kneel on seat or use unsafely. Do not allow it to be used if damaged. Do not use when wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chairs lightly in each hand while swinging. Tell children not to get off swing until it has stopped completely.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in rubber. Make sure the steel insert is not showing through rubber. Check for vandalism. Check for rusty or worn chain. Replace parts if necessary. Check to make sure S-hooks and/ or Shackles are closed properly. Check resilient surfacing for appropriate depth and cleanliness. If you see wear on a swing, replace all swings purchased at the same time. Remove swings from set when temperature reaches zero or over 100°. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:** Black, Blue, Green, Red, Tan and Yellow
**A1660 Tot Half Bucket Polymer Overseas – Residential**

An overseas residential half bucket with attached black nylon webbed safety strap and plastic connection and galvanized hardware. The dimensions of the seat are 12” diameter, 8.5” depth and the back holes are 5.5” in length. Our seats have galvanized steel triangles and steel plates that are riveted to the seat with galvanized rivets. We go to the added expense of welding each triangle together so they cannot be pulled apart and pulled off the seat. We believe our swings are one of the few that have these welded triangles. The triangle is constructed of 3/8” dia. cold rolled steel with the ends welded together. The plate is 1/16” thick h.r. stamped galvanized steel. The rivets which are used to rivet the plate through the EPDM rubber and steel insert are made of 1/4” diameter steel. There are three rivets on each side of the seat. The S103 high back tot seat has a 1075 steel insert, full hard, painted with a non-rusting adhesive, and then coated with rubber that is from 1/2” to 3/8” thick. The seat should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 1200 lbs.

**Installation, Safe Use and Maintenance Instructions**

**IMPORTANT:** Please read for important information. In this material we have tried to provide some requirements stated in the CPSC Handbooks, ASTM F2373-11, F1497-11 and F1148-09. However, we in no way intend for this to be a complete list of requirements. Also these publications are updated frequently with changes, therefore, you should read these publications yourself to determine if any part or installation could prove a danger to a child.

To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website. [www.americanswing.com](http://www.americanswing.com) Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see [http://www.cpsc.gov/opscpub/ops/325.pdf](http://www.cpsc.gov/opscpub/ops/325.pdf).

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

This swing is intended for tots two and three years old for RESIDENTIAL USE ONLY. Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections.

Place tire swings and disk swings in separate bays, away from other swinging equipment. Space swings at least as far apart as indicated: 8 inches minimum for swings with limited sideways motion; 24 inches minimum between swings with unlimited lateral motion (such as disk swings) and support poles when measured from the side of the swing perpendicular to the plane formed by the support poles; 12 inches minimum between lawn swings and equipment support poles measured at 28 inches above the seat; 16 inches minimum between the teeter-totter’s seat center and support poles at 22 inches above the seating surface; 8 inches minimum between the protective surfacing and the underside of a suspended unit. The use zone for the swing should extend to the front and rear of the swing set, a minimum of twice the vertical distance from the top of the occupant’s sitting surface to the pivot point of the swing hanger. The use zone in front of and behind swings should never overlap with any other use zone. The use zone to the sides of a single-axis swing should extend a minimum of 6 feet from the perimeter of the swing. This 6-foot zone may overlap that of an adjacent swing structure or other playground equipment structure.

The open section of swing seat should face forward. Make sure restraint system does not pose a strangulation hazard. To attach swing to set, measure each side of swing chain, so the swing hangs evenly. Attach the bottom of each chain to the metal triangle on swing seat with either a shackle or S-hook. The bolt on shackle goes through the chain with “C” part of shackle going through triangular hardware on swing seat. Close according to Figure A1.19 for Fastening Devices. Make sure that fasteners are strong enough to support weight and use. We suggest using a A5700 shackle or 5/16” diameter standard S-hooks to connect chain to seat. WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries coming open and/or breaking. Try swinging seat without child in it first to make sure everything is working correctly before placing child in seat.

Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawerstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at [http://www.mindspring.com/~safetyplay/](http://www.mindspring.com/~safetyplay/).

**Safe Use:** This seat is for children 2 and 3 years old only. This swing is intended for use by only one child at a time. Children should be placed in swing and removed from swing by an Adult. Do not remove children until the swing has stopped completely. Adults should supervise children at all times. Do not allow children to stand or kneel on seat or use unsafely. Do not allow to be used if damaged. Do not use when wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chairs tightly in each hand while swinging.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in plastic. Check for vandalism. Make sure restraint system is still installed correctly. Check for rusty or worn chain. Replace parts if necessary. Check to make sure S-hooks and/or Shackles are closed properly. Check resilient surfacing for appropriate depth and cleanliness. If you see wear on a swing, replace all swings purchased at the same time. Remove swings from set when temperature reaches zero or over 100°.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
Colors: Blue, Green, Red, and Yellow
**A1700 Tot Half Bucket Tot Seat with Insert – Commercial**

A1700 Tot Half Bucket Tot Seat with Insert – Commercial

An exceptional tot seat with tab and ring for adding an A1750 Safety Chain which is sold separately. The dimensions of the seat are 12” diameter, 5.5” in depth and the back holes are 5 3/16” in length. It is made of 1075 cold rolled steel and is galvanized to resist rusting. The welds which secure the steel to the seat frame and the welds on the tab are made especially for our swing seats. The rubber does not rub off on children’s clothes and the seats last much longer than natural rubber swings. Unlike seats made of polymer, seats made of EPDM rubber hold up well in extreme temperatures, both very hot and very cold. EPDM: Ethylene-propylene-diene-monomer is a synthetic rubber material which helps prevent crazing, cracking and oxidizing. Natural rubber is often made from recycled tires etc., and you are never sure what the actual rubber mixture is. It often wears off on children’s clothes. It cracks and crazes, making the seat unsightly and allowing moisture to get into the seat. This makes the seat deteriorate at a much quicker rate. Our seats have galvanized steel triangles and steel plates that are riveted to the seat with galvanized rivets. We go to the added expense of welding each triangle together so they cannot be pulled apart and pulled off the seat. We believe our swings are a full 3” of the few that have these welded triangles. The triangle is constructed of a 5/16” thick solid steel with ends welded together. The plate is 1/16” thick h.r. stamped galvanized steel. The rivets which are used to rivet the plate through the EPDM rubber and steel insert are made of 1/4” diameter steel. There are three rivets on each side of the seat. The A1700 seat has a 1075 steel insert full painted with a non-rusting adhesive, and then coated with rubber that is from 1/8” to 3/8” thick. This is a new innovation by our company, not offered by other companies, which helps prevent a child from being cut if the rubber is ever torn off a seat. We believe our seats are made to the highest standards available. Customers cannot see many of the extra hidden safety features. Uninformed users may think our seats and another suppliers are the same. However, they may not have added the hidden safety features that we have because of the added costs. We feel these safety features benefit the strength of our swings and the well-being of the children that use our equipment. The seat should last 2 to 3 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 3000 lbs.

**Installation, Safe Use and Maintenance Instructions**

**IMPORTANT:** Please read for important information. In this material we have tried to provide some requirements stated in the CPSC Handbooks, ASTM F2373-11, F1487-11 and F1148-09. However, we in no way intend for this to be a complete list of requirements. Also these publications are updated frequently with changes, therefore, you should read these publications yourself to determine if any part or installation could prove a danger to a child.

To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website. www.americanswing.com Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpscpub/pubs/325.pdf.

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

This swing is intended for children two and three years old. Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult Figure 23, Table 7 for commercial swing sets if upgrading to a commercial swing. For residential sets see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be attended at all times and not in direct sun. The open section of swing seat should face forward. This swing has two rings, one on each side of open section of swing. You may attach our A1750 safety chain to these rings or another type of restraint. Make sure restraint system does not pose a strangulation hazard. To attach swing to set, measure each side of swing chain, so the swing hangs evenly. Attach the bottom of each chain to the metal triangle on swing seat with either a shackle or S-hook. The bolt on shackle goes through the chain with “C” part of shackle going through triangular hardware on swing seat. Close according to Figure A1.19 for Fastening Devices. Make sure that fasteners are strong enough to support weight and use. We suggest using a A5700 shackles or 3/8” diameter standard S-hooks to connect chain to seat. WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. Try swinging swing seat without child in it first to make sure everything is working correctly before placing child in seat.

Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay/

**Safe Use:** This seat is for children 2 and 3 years old only. This swing is intended for use by only one child at a time. Children should be placed in swing and removed from swing by an Adult. Do not remove children until the swing has stopped completely. Adults should supervise children at all times. Do not allow children to stand or kneel on seat or use unsafely. Do not allow it to be used if damaged. Do not use when wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in rubber. Make sure the steel insert is not showing through rubber. Check for vandalism. Make sure restraint system is still installed correctly. Check for rusty or worn chain. Replace parts if necessary. Check to make sure S-hooks and/or Shackles are closed properly. Check resilient surfacing for appropriate depth and cleanliness. If you see wear on a swing, replace all swings purchased at the same time. Remove swings from set when temperature reaches zero or over 100°. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

Colors: Black, Blue, Green, Red, Tan and Yellow
A1800 Strap Seat Rubber – Residential

This is one of the heaviest duty residential swings on the market. The dimensions of the seat are 26.25" x 5.25" x ¼". You need to use our large end A6500 S-hook or A5725 H-Shackle to connect the seat to chain. There are two stainless steel inserts with a stainless strip welded to connect the inserts. These inserts have four stainless steel washers welded to them. This is then encased in EPDM rubber. Therefore, washers are not visible from the outside of the swing seat. EPDM: Ethylene-propylene-diene-monomer is a synthetic rubber material which helps prevent crazing, cracking and oxidizing. Natural rubber is often made from recycled tires etc., and you are never sure what the actual rubber mixture is. It often wears off on children’s clothes. It cracks and crazes, making the seat unsightly and allowing moisture to get into the seat. This makes the seat deteriorate at a much quicker rate. Our seats are made of EPDM rubber that is made especially for our swing seats. The rubber does not rub off on children’s clothes and the seats last much longer than natural rubber swings. Unlike seats made of polymer, seats made of EPDM rubber hold up well in extreme temperatures, both very hot and very cold.

We believe our seats are made to the highest standards available. Customers cannot see many of the extra hidden safety features. Uninformed users may think our seats and another suppliers are the same. However, they may not have added the hidden safety features that we have because of the added costs. We feel these safety features benefit the strength of our swings and the well-being of the children that use our equipment. Made in the USA. The seat should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 3400 lbs.

**Installation, Safe Use and Maintenance Instructions**

**IMPORTANT:** Please read for important information. In this material we have tried to provide some requirements stated in the CPSC Handbooks, ASTM F2373-11, F1487-11 and F1148-09. However, we in no way intend for this to be a complete list of requirements. Also these publications are updated frequently with changes, therefore, you should read these publications yourself to determine if any part or installation could prove a danger to a child.

To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website.

**Installation:** Our parts are sold as either replacement parts or a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

This swing is intended for children four years to twelve years old for RESIDENTIAL USE ONLY. Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections.

Place tire swings and disk swings in separate bays, away from other swinging equipment. Space swings at least as far apart as indicated: 8 inches minimum for swings with limited sideways motion; 24 inches minimum between swings with unlimited lateral motion (such as disk swings) and support poles when measured from the side of the swing perpendicular to the plane formed by the support poles. 12 inches minimum between lawn swings and equipment support poles measured at 28 inches above the seat; 16 inches minimum between the teeter-totter’s seat center and support poles at 22 inches above the seating surface; 8 inches minimum between the protective surfacing and the underside of a suspended unit. The use zone for the swing should extend to the front and rear of the swing set, a minimum of twice the vertical distance from the top of the occupant’s sitting surface to the pivot point of the swing hanger. The use zone in front of and behind swings should never overlap with any other use zone. The use zone to the sides of a single-axis swing should extend a minimum of 6 feet from the perimeter of the swing. This 6-foot zone may overlap that of an adjacent swing structure or other playground equipment structure.

Wiring on swing seat should face upward, so that the wiring can be read easily. Measure each side of swing chain, so the swing hangs evenly. WARNING: THIS SWING REQUIRES EITHER A LARGE END S-HOOK OR AN H-SHACKLE TO CONNECT SWING TO CHAIN. NOT USING NAMED FASTENERS CAN RESULT IN SEAT BREAKING AND CHILD BEING INJURED. Attach the large end of H-shackle or one end of large end S-hook through round hole on each end of swing seat, and then attach either other end of large end S-hook or small part of H-shackle to chain. Close according to Figure A1.19 for Fastening Devices. Make sure that fasteners are strong enough to support weight and use. We suggest using H-shackles or 5/16” diameter large end S-hooks to connect chain to seat. WARNING: Once the h-hooks have been opened they will have to be replaced to avoid injuries from opening and/or breaking. Try swinging seat without child in it first to make sure everything is working correctly before placing child in seat.

Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyp/.

**Safe Use:** This seat is for children 4 - 12 years old only. This swing is intended for use by only one child at a time. Adults should supervise children at all times. Do not allow children to stand on or kneel on seat or use unsafely. Do not use when wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging. Tell children not to get off swing until it has stopped completely.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in rubber. Make sure the steel insert is not showing through rubber. Carefully check hole around fastener to look for wear in rubber. Check for vandalism. Check for rusty or worn chain. Replace parts if necessary. Check to make sure S-hooks and/or H-shackles are closed properly. Check resilient surfacing for appropriate depth and cleanliness. If you see wear on a swing, replace all swings purchased at the same time. Remove swings from set when temperature reaches zero or over 100°.

**Any damage from vandalism, abuse or misuse voids all warranties.**

**Colors:** Blue, Green, Red, Tan and Yellow
**A1810 Strap Seat Polymer – Residential**

An overseas inexpensive residential seat with plastic inserts. The dimensions of the seat are 25.50" x 5.25" x 3/16". You need to use our large end A6500 S-hook or A5725 H-Shackle to connect the seat to chain. The seat should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 350 lbs.

**Installation, Safe Use and Maintenance Instructions**

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To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website. Download and print these instructions and keep in a safe place. Our website also has a "Product Testing Information" page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see [http://www.cpsc.gov/oppspub/pubs/525.pdf](http://www.cpsc.gov/oppspub/pubs/525.pdf).

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

This swing is intended for children four years to twelve years old only for RESIDENTIAL USE ONLY. Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections.

Place tire swings and disk swings in separate bays, away from other swinging equipment. Space swings at least as far apart as indicated: 8 inches minimum for swings with limited sideways motion; 24 inches minimum between swings with unlimited lateral motion (such as disk swings) and support poles when measured from the side of the swing perpendicular to the plane formed by the support poles; 12 inches minimum between lawn swings and equipment support poles measured at 28 inches above the seat; 16 inches minimum between the teeter-totter’s seat center and support poles at 22 inches above the seating surface; 8 inches minimum between the protective surfacing and the underside of a suspended unit. The use zone for the swing should extend to the front and rear of the swing set, a minimum of twice the vertical distance from the top of the occupant’s sitting surface to the pivot point of the swing hanger. The use zone in front of and behind swings should never overlap with any other use zone. The use zone to the sides of a single-axis swing should extend a minimum of 8 feet from the perimeter of the swing. This 6-foot zone will overlap that of an adjacent swing structure or other playground equipment structure.

Warning on swing seat should face upward, so that the warning can be read easily. Measure each side of swing chain, so the swing hangs evenly. WARNING: THIS SWING REQUIRES EITHER A LARGE END S-HOOK OR AN H-SHACKLE TO CONNECT SWING TO CHAIN. NOT USING NAMED FASTENERS CAN RESULT IN SEAT BREAKING OR CHILD BEING INJURED. Attach the large end of H-shackle or one end of large end S-hook through round hole on each end of swing seat, and then attach either other end of large end S-hook or small part of H-shackle to chain. Close according to Figure A1.19 for Fastening Devices. Make sure that fasteners are strong enough to support weight and use. We suggest using H-shackles or 5/16" diameter large end S-hooks to connect chain to seat.

**WARNING:** Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. Try swinging seat without child in it first to make sure everything is working correctly before placing child in seat.

Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. **Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.**

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. **Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow seat to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.**

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at [http://www.mindspring.com/~safetyplay/](http://www.mindspring.com/~safetyplay/).

**Safe Use:** This seat is for children 4 - 12 years old only. This swing is intended for use by only one child at a time. **Adults should supervise children at all times. Do not allow children to stand or kneel on seat or use unsafely. Do not allow it to be used if damaged. Do not use when wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging. Tell children not to get off swing until it has stopped completely.**

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in plastic. Carefully check hole around fastener to look for wear in plastic. Check for vandalism. Check for rusty or worn chain. Replace parts if necessary. Check to make sure S-hooks and/or H-shackles are closed properly. Check resilient surfacing for appropriate depth and cleanliness. If you see wear on a swing, replace all swings purchased at the same time. Remove swings from set when temperature reaches zero or over 100°.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:** Blue, Green, Red, and Yellow
A residential half bucket seat with tab and ring for adding an A1750 Safety Chain which is sold separately. The dimensions of the seat are 12” diameter, 6.5” in depth and the back holes are 5” in length. Our seats have galvanized steel triangles and steel plates that are riveted to the seat with galvanized rivets. We go to the added expense of welding each triangle together so they cannot be pulled apart and pulled off the seat. We believe our swings are one of the few that have these welded triangles. The triangle is constructed of 3/8” dia. cold rolled steel with the ends welded together. The plate is 1/16” thick h.r. stamped galvanized steel. The rivets that are used to rivet the plate through the Polymer are made of 1/4” diameter steel. There are three rivets on each side of the seat. We believe our seats are made to the highest standards available. Customers cannot see many of the extra hidden safety features. Uninformed users may think our seats and another suppliers are the same. However, they may not have added the hidden safety features that we have because of the added costs. We feel these safety features benefit the strength of our swings and the well-being of the children that use our equipment. The seat should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. This seat is for children only. Tensile strength 1900 lbs.

**Installation, Safe Use and Maintenance Instructions**

IMPORTANT: Please read for important information. In this material we have tried to provide some requirements stated in the CPSC Handbooks, ASTM F2373-11, F1487-11 and F1148-09. However, we in no way intend for this to be a complete list of requirements. Also these publications are updated frequently with changes, therefore, you should read these publications yourself to determine if any part or installation could prove a danger to a child.

To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website. www.americanswing.com Download and print these instructions and keep in a safe place. We also have a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpscpub/pub35.pdf.

Installation: Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differs from ours please contact us at 800-433-2573.

This swing is intended for tots two and three years old for RESIDENTIAL USE ONLY. Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections.

Place tire swings and disk swings in separate bays, away from other swinging equipment. Space swings at least as far apart as indicated: 8 inches minimum for swings with limited sideways motion; 24 inches minimum between swings with unlimited lateral motion (such as disk swings) and support poles when measured from the side of the swing perpendicular to the plane formed by the support poles; 12 inches minimum between the teeter-totter’s seat center and support pole(s) at 22 inches above the seating surface; 16 inches minimum between the teeter-totter’s seat center and support pole(s) at 72 inches above the seating surface. Remove any objects within the use zone for the swing and check that the ground is level, free of holes, cracks, and debris. We recommend that you set the swing up on a level surface. Placement on concrete is not recommended. The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age. Specifications for all warning signs or labels should conform to ANSI Z235.1 and ANSI Z235.1 or ANSI Z235.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the mission of our company to provide children with the safest possible playground equipment.

Safe Use: This seat is for children 2 and 3 years old only. This swing is intended for use by only one child at a time. Children should be placed in swing and removed from swing by an Adult. Do not remove children until the swing has stopped completely. Adults should supervise children at all times. Do not allow children to stand or kneel on seat at use unsafely. Do not allow it to be used if damaged. Do not use when wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging.

Maintenance: At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in elastomer. Check for vandalism. Make sure restraint system is still installed correctly. Check for rusty or worn chain. Replace parts if necessary. Check to make sure S-hooks and/or Shackles are closed properly. Check resilient surfacing for appropriate depth and cleanliness. If you see wear on a swing, replace all swings purchased at the same time. Remove swings from set when temperature reaches zero or over 100°. Any damage from vandalism, abuse or misuse VOIDS all warranties.

Colors: Green, Red, Tan and Yellow

A1750 Safety Chain which is sold Separately
**Installation, Safe Use and Maintenance Instructions**

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**To help keep children safe from harm, read and install maintenance instructions before installing equipment. These are located in the description of every product on our website.**

www.americaswing.com Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpscpub/pubs/335.pdf.

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

This swing is intended for children four to twelve years old. Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult Figure 23, Table 7 for commercial swing sets. For residential sets see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Car-peting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections.

This swing must be installed a minimum of 12 inches from resilient surfacing. On average seats are 2’ from resilient surfacing depending on the age of children. Install this swing where a child can easily be supervised and not in direct sun. Swings intended for the same age groups should be suspended from supports that are separate from those for other swings for different age groups, or at least a suspended from a separate bay of the same structure. For instance, a full bucket swing should be in the same bay with another full bucket swing, not a full bucket and a strap seat in the same bay. To minimize the likelihood of children being struck by a moving swing, it is recommended that no more than two swings be hung in each bay of the supporting structure. The use zone for the swing should extend to the front and rear of the swing set, a minimum of twice the vertical distance from the top of the occupant’s sitting surface to the pivot point of the swing hanger. The use zone in front of and behind swings should never overlap with any other use zone. The use zone to the sides of the single-axis swing should extend a minimum of 6 feet from the edge of the swing. This 6-foot zone may overlap that of an adjacent swing structure or other playground equipment structure.

Measure each side of chain swing, so the swing hangs evenly. Attach the bottom of each chain to the metal triangle on swing seat with either a shackle or S-hook. The bolt on shackle goes through the chain with “C” part of shackle going through triangular hardware on swing seat. Close according to Figure A1.19 for Fastening Devices. Make sure that fasteners are strong enough to support weight and use. We suggest using a A5700 shackle or 3/8” diameter standard S-hooks to connect chain to seat. **WARNING:** Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. Try swinging seat without child in it first to make sure everything is working correctly before placing child in seat.

Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. **Protective surfacing is one of the most important things you can do to reduce the likelihood of serious injuries.**

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. **Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards.** Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age. Specifications for all warning signs or labels should conform to ANSI Z253.1 and ANSI Z253.5 or ANSI Z253.5.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~/safetyplay/.

**Safe Use:** This swing is for children 4 - 12 years old only. This swing is intended for use by only one child at a time. Adults should supervise children at all times. Do not allow children to stand or kneel on seat or use unsafely. Do not allow it to be used if damaged. Do not use when wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging. Tell children not to get off swing until it has stopped completely.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in rubber. Check the steel insert is not showing through rubber. Check for vandalism. Check for rusty or worn chain. Replace parts if necessary. Check to make sure S-hooks and/or Shackles are closed properly. Check resilient surfacing for appropriate depth and cleanliness. If you see wear on a swing, replace all swings purchased at the same time. Remove swings from set when temperature reaches zero or over 100°. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:** Black, Blue, Green, Red, Tan and Yellow
**Installation, Safe Use and Maintenance Instructions**

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

This swing is intended for children four years to twelve years old. Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult Figure 23, Table 7 for commercial swing sets. For residential sets see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections.

This swing must be installed a minimum of 12 inches from resilient surfacing. On average, seats are 2' from resilient surfacing depending on the age of children. Install this swing where a child can easily be supervised and not in direct sun. Swings intended for the same age groups should be suspended from structures that are separate from those for other swings for different age groups, or at least suspended from a separate bay of the same structure. For instance, a full bucket swing should be in the same bay with another full bucket swing, not a full bucket and a strap seat in the same bay. To minimize the likelihood of children being struck by a moving swing, it is recommended that no more than two swings be hung in each bay of the supporting structure. The use zone for the swing should extend to the front and rear of the swing set, a minimum of twice the vertical distance from the top of the occupant’s sitting surface to the pivot point of the swing hanger. The use zone in front of and behind swings should never overlap with any other use zone. The use zone to the sides of a single-axis swing should extend a minimum of 6 feet from the perimeter of the swing. This 6-foot zone may overlap that of an adjacent swing structure or other playground equipment structure.

Attach metal triangle hangers by first putting one of supplied washers on both ends of each hanger. Then, push hangers through holes in the end of each seat. Slide another washer on threaded portion of hanger sticking through the bottom of the swing. Attach and tighten nylock nut so that it is secure and not more than two threads are protruding past the nut. Repeat this process for all four ends of hangers. Then, measure each side of swing chain, so the swing hangs evenly. Attach the bottom of each chain to the metal triangle on swing seat with either a shackle or S-hook. The bolt on shackle goes through the chain with “C” part of shackle goes through triangular hardware on swing seat. Close according to Figure A1.19 for Fastening Devices. Make sure that fasteners are strong enough to support weight and use. We suggest using a A5700 shackle or 3/8” diameter standard S-hooks to connect chain to seat. WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. Try swinging seat without child in it first to make sure everything is working correctly before placing child in seat.

Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay/.

Safe Use: This seat is for children 4 – 12 years old only. This swing is intended for use by only one child at a time. Adults should supervise children at all times. Do not allow children to stand or kneel on seat or use unsafely. Do not allow to be used if damaged. Do not use when wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging. Tell children not to get off swing until it has stopped completely.

Maintenance: At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in rubber. Make sure the steel insert is not showing through rubber. Check for vandalism. Make sure nuts on seats are not loose or missing. Check for rusty or worn chain. Replace parts if necessary. Check to make sure S-hooks and/or Shackles are closed properly. Check resilient surfacing for appropriate depth and cleanliness. If you see wear on a swing, replace all swings purchased at the same time. Remove swings from set when temperature reaches zero or over 100°. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

Colors: Black only
ADA Swing Seats
Everyone should get the opportunity to swing! Every child should have the memory of swinging to and fro on a swing set. However, for a child with special needs, swinging is not only a fun activity, it is helping the child develop.

Studies have shown that special needs children learn better and retain more information when being taught while swinging. A child may show signs of less anxiety, improved behavior, and more focus. Swinging while learning has also been found to aid in improved eye contact, response, and speech skills.

Sensory integration therapy often includes swinging, which has shown improvements of fine motor skills, balance, touch, and spatial awareness.

Playing on swings helps develop relationships. A shared play experience can improve imagination, communication, and interactions with others. It can provide a positive experience that develops empathy for others. Although a child may have special needs, they still need the opportunity to be a kid. Swinging can help develop socialization skills and promote healthy interaction with their peers.

The ADA swing is made of durable rotational molded plastic. All of the hardware, excluding the chain, are made of stainless steel to prevent rust. The attachment points are reinforced to prevent breakage. The swing will come with a V-chain to accommodate a 5.5' swing frame height. The swing will come with a tamper-proof stainless steel shackle (A5705) and special wrench (A5750) to attach a separate chain to accommodate various frame heights. Please see the chart below for length of chain needed for frame heights. The reclining position of the swing is adjustable based on where the shackle is located on the chain.

The newly designed ADA accessible swing seat offers physically challenged children the opportunity to swing. The new rotational-molded design offers exceptional strength and meets ADA Standards, as well as CPSC and ASTM Standards. The new design offers added support, wider sides, larger armrests and larger footrests. The adjustable chains allows for multiple reclining positions of the swing for added comfort and support.

The new design includes a yoke and a unique locking system. This yoke does not need to be detached in order to meet ASTM and CPSC head entrapment standards. If further support is required, an optional removable harness is available for purchase. This harness is meant to further secure the child and does not meet ASTM and CPSC standards for head entrapment and can cause a strangulation hazard. At no time should the harness be left on an unattended swing. American Swing Products will not assume liability for injuries caused by the optional harness.

With its partially reclined, body-embracing design and overhead yoke system, the ADA Swing offers special needs children a fun, safe, and comfortable ride.

**Installation, Safe Use and Maintenance Instructions**

**Important:** To keep children safe from harm, follow these precautions and instructions when installing, using, or maintaining this playground equipment. You can also call us at 1-800-433-2573 for more information or see [http://www.cpsc.gov/cpscpub/pubs/325.pdf](http://www.cpsc.gov/cpscpub/pubs/325.pdf).

Due to the thermo dynamics and lower heat transfer properties of plastics, plastic is preferred over metal for play equipment. Although plastic may become as hot as metal, they insulate better and don’t transfer the heat as quickly. Because of these properties, the Consumer Product Safety Commission (CPSC) recommends plastic slides and plastic surfaces over bare metal. Regardless of lower heat transfer properties, plastic play equipment can still become hot enough — in extreme temperatures and direct sunlight — to cause burns. Plastic is safe, tried and true, but as is the case with all playground equipment, parents and supervisors must monitor the children in their care, make certain that the equipment is appropriate for their age, and always check playground surfaces for excessive heat before allowing children to play. For more information, contact IPEMA headquarters at [www.communications@ipema.org](http://www.communications@ipema.org) or by calling 1-717-238-1744.
Installation: Verify that the warning label is visible prior to installation. Additional warning labels are available for purchase, and information for these warning labels are included with your packing list. The seat is to be 18” off the ground to meet ASTM standards. Each seat comes installed with a chain for a 5.5’ frame height. Additional chain may be purchased for different frame heights. (Please see chart below for more details) A tamper-proof stainless steel shackle (A5705) and special wrench (A5750) are included and can be relocated on the chain for adjustment of the reclining position of the seat. As per ASTM standards, the hangers must be spaced 30” from the end of the swing frame, and 24” apart for each swing on the frame.

<table>
<thead>
<tr>
<th>Frame Height</th>
<th>Chain length</th>
<th>Quantity Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.5’</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>6’</td>
<td>½’</td>
<td>2</td>
</tr>
<tr>
<td>8’</td>
<td>2 ½’</td>
<td>2</td>
</tr>
<tr>
<td>10’</td>
<td>4 ½’</td>
<td>2</td>
</tr>
</tbody>
</table>

If you are not using shackle pendulum swing hangers, you will need to order two (2) S-hooks or two (2) additional A5725 shackles to attach the swing chain to the hanger. Warning: Once an S-hook has been installed, they cannot be reopened/reused, and will require replacement to avoid equipment failure and possible injury. S-hooks need to be closed within .04 to meet ASTM Safety Standards. This can be accomplished with our S-Hook Channel Lock Pliers (A8000) or a regular pair of channel locks.

EN 1176-1 Standards: Chain will not be supplied with the ADA Seat. You will need to supply a 6’ length of chain that conforms to EN 1176-1 standards. Attach the chain at the top of the yoke between the two washers on the bolts on each side. Attach the other end of the chain to the eyebolts located at the end of the armrests. The D-shackle (A5705) can be installed at various positions along the chain to adjust the reclining position of the seat.

Safe Use: This seat is for children 5 – 12 years old only. Seat is to be used one child at a time. This seat is for children up to 125 lbs. only. Not for Adults. Adults should supervise children at all times. Parents should visually and manually look to see that swing is appropriately installed and not vandalized or needing repair before allowing a child to swing. Do not allow children to stand on seat, yoke or optional harness or use unsafely. Do not allow it to be used if damaged. If a child requires the seat to lean back further for more support, this can be done by adjusting where the one single chain attaches to the V chain. This can be adjusted by lowering the h shackle on the V. Make sure that it is the same on both sides. If you need further information as to how to do this, please do not hesitate to contact us at 1-800-433-2573 for this or any other question. As always, if there are any questions as to whether the use of this swing is safe for a certain individual, please contact their doctor for more information.

Maintenance: To reduce chance of injury do monthly routine maintenance checks for cracks, rust, sharp edges, open S-hooks or shackles, worn optional harness, shackles, chain and eyebolts. Replace any worn, damaged or vandalized parts. Make sure there are no exposed footings, anchoring devices, rocks, roots, holes or any other obstacles in or around playground equipment. This will reduce serious injuries. In high use areas these inspections should be done more frequently. Clean with mild soap and water when you do the monthly maintenance checks. If you see wear on a swing, replace all swings purchased at the same time. Remove swings from set when temperature reaches zero or over 100°. To replace chain you need 46” of chain. Pull the screws out of the top of the yoke and put the chain in between the washers then tighten. Go down 22 links and add H-shackle. For a 6’ frame height you will need to purchase two additional pieces of chain 1/2’. For an 8’ frame height you will need to purchase two additional pieces of chain 2 1/2’. These pieces of chain must be added to the h-shackle at the top of the V and then, use the appropriate fastener to attach to swing hanger. At the bottom of the seat, attach S-hook or Shackle to the eye bolt and close according to fastener requirements. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

Colors: Black, Blue, Green, Red and Yellow. All swings come with a yellow yoke.
A1255 - YOKE ADA Swing – USA Commercial

This is a replacement yoke for a damaged or missing one. All ADA swings originally come with a yoke. This is only for replacement. It has a unique locking system. This yoke does not need to be detached when not in use, to meet ASTM and CPSC head entrapment standards. If further support is needed, an optional removable harness is available for extra safety. This harness must be removed when not in use, as it poses an entrapment and strangulation hazard. It must be used with supervision.

The ADA Swing is convenient because a child can be easily lifted onto the swing and the yoke quickly put in place to hold the child in the seat. With its partially reclined, body-embracing design, overhead yoke, and optional easily adjustable safety harness, the ADA Swing offers children a safe and comfortable fun ride.

The specifications for the ADA Swing Replacement Yoke: It is made of durable rotational molded plastic. The point where the stainless steel button head bolts attach the yoke to the ADA swing has special reinforcement to help prevent breakage.

**Installation, Safe Use and Maintenance Instructions**

**Installation:**

Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

To install Yoke take out two top bolts, attach yoke and replace the bolts.

**Safe Use:**

This seat is for children up to 125 lbs. only. Check with medical advice to see if it is safe for child to use this swing. Adults should help children in and out of seat, and supervise children at all times. Do not allow children to stand on seat or use unsafely. Do not use if wet. Do not allow swing to be used if damaged. Remove harness when not in use, as the harness may pose a strangulation danger if attached to the swing and not being used.

**Maintenance:**

To reduce chance of injury do monthly routine maintenance checks for cracks, rust, open S-hooks or shackles, worn harness, shackles, chain and eyebolts. Replace any worn, damaged or vandalized parts. Make sure there are no exposed footings, anchoring devices, rocks, roots, holes or any other obstacles in or around playground equipment. This will reduce serious injuries. In high use areas these inspections should be done more frequently. Clean with mild soap and water when you do the monthly maintenance checks. If you see wear on a swing, replace all swings purchased at the same time. Remove swings from set when temperature reaches zero or over 100°. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:**

Yellow yoke only
A1250 – Replacement Safety Harness for ADA

Harness material is made of woven water resistant polypropylene with plastic side release buckles. Fully adjustable harness that secures child by both shoulders and waist. The seat should last 2 years in harsh conditions and up to 5 years in optimal conditions. See video on our website to see how to install this harness. Some conditions may require replacement sooner.

**Installation, Safe Use and Maintenance Instructions**

**IMPORTANT:** To keep children safe from harm, follow these precautions and instructions when installing, using, or maintaining this playground equipment. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpscpub/pubs/325.pdf.

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

View video to attach harness on our website, www.americanswing.com. To install the harness, unsnap the crotch strap from the rest of the harness. Thread short belt through the back crotch hole and come back up through the front hole, thread strap through back hole of the buckle from the bottom, then down through the front hole. Adjust as needed. Take the wide strap and thread down through the right side of the seat. Come up through the left side from the bottom to the top of the seat. Take the l shaped buckle and thread up through the front of the male buckle that says rock lockster then thread strap down through the back hole of the same clip. Clip to crotch strap. Pull out one side of the thin strap from upper buckle and thread through the top of seat hole from front to back and come up through left side top hole. Then rethread through buckle to adjustment strap. Connect to buckle on wide strap that is the other buckle on the l buckles. Adjust straps to fit child.

**Safe Use:** This seat is for children up to 125 lbs. only. Check with medical advice to see if it is safe for child to use this swing. Adults should help children in and out of seat, and supervise children at all times. Do not allow children to stand on seat or use unsafely. Do not use if wet. Do not allow swing to be used if damaged. Remove harness when not in use, as the harness may pose a strangulation danger if attached to the swing and not being used.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in plastic. Check for vandalism. Check for rusty or worn chain. Replace parts if necessary. Check to make sure shackles are closed properly. Check resilient surfacing for appropriate depth and cleanliness. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Color:** Black
A1275 - ADA Multi User Swing - Supervised Commercial

This swing was discovered by occupational therapists to help Autistic children. The floating, circular motions, a sensation similar to riding on a gyroscope, stimulate and support vestibular development, promoting balance, coordination and ultimately calming and comforting the child with its rhythmic movement. Social development occurs each time a child shares the Swring with other children. They also find that it functions better and spins easier when two or more children are a board. The Swring has been approved for no more than 500 pounds of weight.

**Installation, Safe Use and Maintenance Instructions**

**IMPORTANT:** Please read for important information. In this material we have tried to provide some requirements stated in the CPSC Handbooks, ASTM F2373-11, F1487-11 and F1148-09. However, we in no way intend for this to be a complete list of requirements. Also these publications are updated frequently with changes therefore, you should read these publications yourself to determine if any part or installation could prove a danger to a child.

To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website. www.americanswing.com Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see http://www cpsc.gov/cpscpubs/pubs/325.pdf.

**Installation:** - Basket Swring - Climbing Swring - Moving & Grovin Swring - SwRing Swing

The Swring is classified as a swing capable of unlimited lateral motion, unlike regular to-fro swings which have a fixed use zone and move at a 90 degree angle from their supporting structures, the Swring travels in circles. The width or diameter of the circle is the length of the bearing, carbiner, rings and ropes combined, times two or 16 feet. The required use zone includes an additional 8 feet for a total of 24 feet. Using our A5250 - A5000 for wood beam or the A5200 - A5225 for pipe frames attach to frame and then attach the 2 rings to the small end of the A5730 and the large end to the tire swivel.

No play component of the attached play structure or separate play structure shall be located in the use zone of a Swring. **Exception:** Adjacent to-fro swings where the support structure of the Swring is designed to minimize the likelihood of the Swring intruding into the to-fro use zone.

**Exception:** The support structure of the Swring. **Exception:** The use zone for Swrings that are attached to the underside of a platform may overlap the use zones of other play components placed on the perimeter of the supporting platform. The component may not be capable of striking a user on an adjacent play component. The use zone surrounding the support structure of the Swring shall extend no less than 72 inches in all directions from the support structure. The use zone of the supporting structure may overlap other use zones.

Place your Swring on level ground not less than 14 feet from any structure or obstruction such as a fence, garage, house, overhanging branches, laundry lines or electrical wires. It is important to know the “fall height” of all playground equipment. The maximum fall height of the Swring, based on the distance from the pivot point to the play surface is 8 feet. The Swring should never be installed over concrete, asphalt or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness.

For your play surface start with a minimum of 12 inches of loose-fill materials such as wood mulch/chips, engineered wood fiber or shredded/recycled rubber mulch. Maintain a minimum of 9 inches once it is compressed, which will require periodically refilling the surface area. Proper placement and maintenance of protective surfacing is essential. For the SwRing this surface must be extended 6 feet beyond the radius of 8 feet in all directions requiring a circle of protection with a diameter of 24 feet. **Do not allow any use of the Swring until it is properly installed.**

**INDOOR INSTALLATION:** **PLEASE STOP!** Please inspect your overhead location and be sure your indoor area is at least a 12 x 12 feet. Attach Swring to an approved load bearing overhead ceiling. The Swring can also be installed on a previously approved structure that has been used for similar apparatuses.

**Safe Use:** The following guidelines concerning the number of riders per Swring session should be observed to minimize the chance of accidents from overcrowding. Four small pre-school age children up to 100 pounds - Three elementary age children up to 125 pounds - Two junior high age children up to 160 pounds. This is for children 5 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged or wet.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for cracking and/or splinters on rungs, sharp edges and/or frayed rope. Make sure that rope is still taut and cannot pose an entrapment. Check for vandalism. Replace parts as necessary.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
Frame Fittings
A2925 End Frame Fitting - Commercial

Heavy Duty Two Legged End Frame Fitting with 2 3/8” legs and top-rail. These are for schedule Forty 2” pipe, 2” ID and 2 3/8” OD. The pipe will slide into the top rail 6 3/8” and into the leg 6 3/4”. The set screws are 12 millimeter and use a 6 millimeter Allen wrench. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. These are sold individually.

**Installation, Safe Use and Maintenance Instructions**

**IMPORTANT:** Please read for important information. In this material we have tried to provide some requirements stated in the CPSC Handbooks, ASTM F2373-11, F1487-11 and F1148-09. However, we in no way intend for this to be a complete list of requirements. Also these publications are updated frequently with changes therefore, you should read these publications yourself to determine if any part or installation could prove a danger to a child.

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

These fittings require schedule 40 2” pipe for both the top beam and legs. Schedule 40 2” pipe is 2” inside diameter and 2 3/8” outside diameter. To determine amount of pipe needed for top beam and proper use zones needed for swing set consult Figure 23, Table 7 for commercial swing sets. For residential sets see spacing dimensions See Page 4 of the Outdoor Home Playground Safety Handbook, http://www.cpsc.gov/cpscpubs/324.pdf. Swings intended for the same age groups should be suspended from structures that are separate from those for other swings for different age groups, or at least suspended from a separate bay of the same structure. For instance, a full bucket swing should be in the same bay with another full bucket swing, not a full bucket and a strap seat in the same bay. To minimize the likelihood of children being struck by a moving swing, it is recommended that no more than two swings be hung in each bay of the supporting structure. Install swing set where a child can easily be supervised and not in direct sun. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections.

To determine the length of pipe needed for the legs figure the SIN of 45 degrees= .96 = Height. Divide by length of pipe. For example a ten foot pipe would be 8 ft. 10” above the ground.

Lay out all the pipes and end frame fittings on the ground. Arrange them as they will eventually be connected as the finished assembly, approximately, two to three feet from where the set will set into the ground. Slide the two end frame fittings on each end of the top pole. Tighten the two included set screws on each side of the top of the end frame fitting. If you are using any swing hangers, attach them at this time. Then slide the poles into each leg of the end frame fitting and tighten the included set screws for each leg. The set screws use a 6 millimeter Allen wrench. Make sure set screws are tight. Have multiple people lift structure and rotate structure, so that it is upright. Drive stakes into the ground to mark the location of each pipe on the swing set as determined above. Dig holes until you have the correct number of holes. Depth and diameter of hole will be determined by height of set, but average size holes are two feet deep and two feet in diameter.

Place a brick in the bottom of each hole with the widest edge facing up. The bricks will prevent the swing set from sinking in the dirt. Set the swing set in place. Lift the set and do not drag. Hold a level on the top bar of the swing set. Add gravel under each brick to adjust the height as needed.

Pour the contents of one 40-lb. bag of concrete into the wheelbarrow. Add the recommended amount of water to the concrete, and mix with the shovel until there is no dry material. Shovel the mixed concrete into a hole, add more concrete if necessary to fill hole. Smooth the concrete with a trowel. Repeat this step for each hole. Allow the concrete to dry for twenty-four hours, and check for sturdiness before allowing children to use swing set.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season perform general maintenance. Check that there is adequate protective surfacing. Check for sharp points, corners or edges on equipment. Check that set screws are still tight. Check that anchoring is still secure. Check for rust. Check for vandalism. Replace parts if necessary. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
Colors: Blue or Green
A2975 Middle Frame Fitting – Commercial

Heavy Duty Two Legged Middle Frame Fitting 2 3/8" legs and top-rail. These are for schedule forty 2" pipe, 2" ID and 2 3/8" OD. The top rail pipe will slide all the way through the frame fitting that is 6 3/4". The set screws at 12 millimeter and use a 6 millimeter Allen wrench. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. **These are sold individually.**

**Installation, Safe Use and Maintenance Instructions**

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

A middle frame fitting is needed to make separate bays for swing sets. These fittings require schedule 40 2" pipe for both the top beam and legs. Schedule 40 2" pipe is 2” inside diameter and 2 3/8” outside diameter. To determine amount of bays needed for swing set consult Figure 23, Table 7 for commercial swing sets. For residential sets see spacing dimensions See Page 4 of the Outdoor Home Playground Safety Handbook, http://www.cpsc.gov/cpscpub/pubs/324.pdf. Determine length of pipe needed for each top beam per bay. Swings intended for the same age groups should be suspended from structures that are separate from those for other swings for different age groups, or at least suspended from a separate bay of the same structure. For instance, a full bucket swing should be in the same bay with another full bucket swing, not a full bucket and a strap seat in the same bay. To minimize the likelihood of children being struck by a moving swing, it is recommended that no more than two swings be hung in each bay of the supporting structure. Install swing set where a child can easily be supervised and not in direct sun. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections.

To determine the length of pipe needed for the legs figure the SIN of 45 degrees= .96 = Height. Divide by length of pipe. For example a ten foot pipe would be 8 ft. 10" above the ground.

Lay out all the pipes and end frame fittings on the ground. Arrange them as they will eventually be connected as the finished assembly, approximately, two to three feet from where the set will set into the ground. Slide the one end frame fittings on an end of the top beam pipe. Tighten the two included set screws on the top of the end frame fitting. If you are using any swing hangers, attach them at this time.

Then slide the poles into each leg of the end frame fitting and tighten the included set screws for each leg. After installing the end frame fitting, then slide top beam pole into one side of the middle frame fitting. Tighten the two included set screws. Repeat this process with the next top beam pipe. Then slide the poles into each leg of the middle frame fitting and tighten the included set screws for each leg. After this, slide the end of the final top beam pipe into the end frame fitting. Tighten the included set screws for each leg. The set screws use a 6 millimeter Allen wrench. Make sure set screws are tight. Have multiple people lift structure and rotate structure, so that it is upright. Drive stakes into the ground to mark the location of each pipe on the swing set as determined above. Dig holes until you have the correct number of holes. Depth and diameter of hole will be determined by height of set, but average size holes are two feet deep and two feet in diameter.

Place a brick in the bottom of each hole with the widest edge facing up. The bricks will prevent the swing set from sinking in the dirt. Set the swing set in place. Lift the set and do not drag. Hold a level on the top bar of the swing set. Add gravel under each brick to adjust the height as needed. Pour the contents of one 40-lb. bag of concrete into the wheelbarrow. Add the recommended amount of water to the concrete, and mix with the shovel until there is no dry material. Shovel the mixed concrete into a hole, add more concrete if necessary to fill hole. Smooth the concrete with a trowel. Repeat this step for each hole. Allow the concrete to dry for twenty-four hours, and check for sturdiness before allowing children to use swing set.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season perform general maintenance. Check that there is adequate protective surfacing. Check for sharp points, corners or edges on equipment. Check that set screws are still tight. Check that anchoring is still secure. Check for rust. Check for vandalism. Replace parts if necessary. Maintain detailed inspection and maintenance records for public-use playground equipment.

**Colors:** Blue or Green
**A3000 Extra Heavy Duty Three Legged End Frame Fitting – Commercial**

Extra Heavy Duty Three Legged End Frame Fitting with 2 3/8” legs and top-rail. These are for schedule Forty 2” pipe, 2” ID and 2 3/8” OD. The pipe will slide into the top rail 5 1/2” and into the leg 9 1/4”. The set screws are 12 millimeter and use a 6 millimeter Allen wrench. Heavy duty welded, much stronger than aluminum and will not break. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. **These are sold individually.**

**Installation, Safe Use and Maintenance Instructions**

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To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website. [www.americanswing.com](http://www.americanswing.com). Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see [http://www.cpsc.gov/cpscpub/pubs/324.pdf](http://www.cpsc.gov/cpscpub/pubs/324.pdf).

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

These fittings require schedule 40 2” pipe for both the top beam and legs. Schedule 40 2” pipe is 2” inside diameter and 2 3/8” outside diameter. To determine amount of pipe needed for top beam and proper use zones needed for swing set consult Figure 23, Table 7 for commercial swing sets. For residential sets see spacing dimensions See Page 4 of the Outdoor Home Playground Safety Handbook, [http://www.cpsc.gov/cpscpub/pubs/324.pdf](http://www.cpsc.gov/cpscpub/pubs/324.pdf). Swings intended for the same age groups should be suspended from structures that are separate from those for other swings for different age groups, or at least suspended from a separate bay of the same structure. For instance, a full bucket swing should be in the same bay with another full bucket swing, not a full bucket and a strap seat in the same bay. To minimize the likelihood of children being struck by a moving swing, it is recommended that no more than two swings be hung in each bay of the supporting structure. Install swing set where a child can easily be supervised and not in direct sun. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections.

To determine the length of pipe needed for the legs figure the SIN of 45 degrees= .96 = Height. Divide by length of pipe. For example a ten foot pipe would be 8 ft. 10” above the ground. Lay out all the pipes and end frame fittings on the ground. Arrange them as they will eventually be connected as the finished assembly, approximately, two to three feet from where the set will set into the ground. Slide the two end frame fittings on each end of the top pole. Tighten the two included set screws on each side of the top of the end frame fitting. If you are using any swing hangers, attach them at this time. Then slide the poles into each leg of the end frame fitting and tighten the included set screws for each leg. The set screws use a 6 millimeter Allen wrench. Make sure set screws are tight. Have multiple people lift structure and rotate structure, so that it is upright. Drive stakes into the ground to mark the location of each pipe on the swing set as determined above. Dig holes until you have the correct number of holes. Depth and diameter of hole will be determined by height of set, but average size holes are two feet deep and two feet in diameter. Place a brick in the bottom of each hole with the widest edge facing up. The bricks will prevent the swing set from sinking in the dirt. Set the swing set in place. Lift the set and do not drag. Hold a level on the top bar of the swing set. Add gravel under each brick to adjust the height as needed. Pour the contents of one 40-lb. bag of concrete into the wheelbarrow. Add the recommended amount of water to the concrete, and mix with the shovel until there is no dry material. Shovel the mixed concrete into a hole, add more concrete if necessary to fill hole. Smooth the concrete with a trowel. Repeat this step for each hole. Allow the concrete to dry for twenty-four hours, and check for sturdiness before allowing children to use swing set.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season perform general maintenance. Check that there is adequate protective surfacing. Check for sharp points, corners or edges on equipment. Check that set screws are still tight. Check that anchoring is still secure. Check for rust. Check for vandalism. Replace parts if necessary. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:** Green or Red
A3025 Extra Heavy Duty Middle Frame Fitting – Commercial

Extra Heavy Duty Two Legged Middle Frame Fitting with 2 3/8" legs and top-rail. These are for schedule Forty 2" pipe, 2" ID and 2 3/8" OD. The pipe will not slide all the way across into the top rail 5 3/8" and into the leg 9 1/4". The set screws are 12 millimeter and use a 6 millimeter Allen wrench. Heavy duty welded, much stronger than aluminum and will not break. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. These are sold individually.

**Installation, Safe Use and Maintenance Instructions**

**IMPORTANT:** Please read for important information. In this material we have tried to provide some requirements stated in the CPSC Handbooks, ASTM F2373-11, F1487-11 and F1148-09. However, we in no way intend for this to be a complete list of requirements. Also these publications are updated frequently with changes therefore, you should read these publications yourself to determine if any part or installation could prove a danger to a child.

To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website. [www.americanswing.com](http://www.americanswing.com) Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see [http://www.cpsc.gov/cpscpub/pubs/325.pdf](http://www.cpsc.gov/cpscpub/pubs/325.pdf).

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

A middle frame fitting is needed to make separate bays for swing sets. These fittings require schedule 40 2” pipe for both the top beam and legs. Schedule 40 2” pipe is 2” inside diameter and 2 3/8” outside diameter. To determine amount of bays needed for swing set consult Figure 23, Table 7 for commercial swing sets. Determine length of pipe needed for each top beam per bay. For residential sets see spacing dimensions See Page 4 of the Outdoor Home Playground Safety Handbook, [http://www.cpsc.gov/cpscpub/pubs/324.pdf](http://www.cpsc.gov/cpscpub/pubs/324.pdf). Swings intended for the same age groups should be suspended from structures that are separate from those for other swings for different age groups, or at least suspended from a separate bay of the same structure. For instance, a full bucket swing should be in the same bay with another full bucket swing, not a full bucket and a strap seat in the same bay. To minimize the likelihood of children being struck by a moving swing, it is recommended that no more than two swings be hung in each bay of the supporting structure. Install swing set where a child can easily be supervised and not in direct sun. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections.

To determine the length of pipe needed for the legs figure the SIN of 45 degrees= .96 = Height. Divide by length of pipe. For example a ten foot pipe would be 8 ft. 10” above the ground. Lay out all the pipes and end frame fittings on the ground. Arrange them as they will eventually be connected as the finished assembly, approximately, two to three feet from where the set will set into the ground. Slide the one end frame fittings on an end of the top beam pipe. Tighten the two included set screws on the top of the end frame fitting. If you are using any swing hangers, attach them at this time.

Then slide the poles into each leg of the end frame fitting and tighten the included set screws for each leg. After installing the end frame fitting, then slide top beam pole into one side of the middle frame fitting. Tighten the two included set screws. Repeat this process with the next top beam pipe. Then slide the poles into each leg of the middle frame fitting and tighten the included set screws for each leg. After this, slide the end of the final top beam pipe into the end frame fitting. Tighten the included set screws for each leg. The set screws use a 6 millimeter Allen wrench. Make sure set screws are tight.

Have multiple people lift structure and rotate structure, so that it is upright. Drive stakes into the ground mark the location of each pipe on the swing set as determined above. Dig holes until you have the correct number of holes. Depth and diameter of hole will be determined by height of set, but average size holes are two feet deep and two feet in diameter. Place a brick in the bottom of each hole with the widest edge facing up. The bricks will prevent the swing set from sinking in the dirt. Set the swing set in place. Lift the set and do not drag. Hold a level on the top bar of the swing set. Add gravel under each brick to adjust the height as needed. Pour the contents of one 40-lb. bag of concrete into the wheelbarrow. Add the recommended amount of water to the concrete, and mix with the shovel until there is no dry material. Shovel the mixed concrete into a hole, add more concrete if necessary to fill hole. However, CPSC states that concrete footings cannot be exposed, and all anchoring devices must be below playing surfaces. Therefore, make sure that concrete is not too high. If it is too high, it poses a tripping hazard. Smooth the concrete with a trowel. Repeat this step for each hole. Allow the concrete to dry for twenty-four hours, and check for sturdiness before allowing children to use swing set.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season perform general maintenance. Check that there is adequate protective surfacing. Check for sharp points, corners or edges on equipment. Check that set screws are still tight. Check that anchoring is still secure. Check for rust. Check for vandalism. Replace parts if necessary. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:** Green or Red
**Installation, Safe Use and Maintenance Instructions**

**IMPORTANT:** Please read for important information. In this material we have tried to provide some requirements stated in the CPSC Handbooks, ASTM F2373-11, F1487-11 and F1148-09. However, we in no way intend for this to be a complete list of requirements. Also these publications are updated frequently with changes therefore, you should read these publications yourself to determine if any part or installation could prove a danger to a child.

To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website. [www.americanswing.com](http://www.americanswing.com). Download and print these instructions and keep in a safe place. Our website also has a "Product Testing Information" page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see [http://www.cpsc.gov/cpscpub/pubs/325.pdf](http://www.cpsc.gov/cpscpub/pubs/325.pdf).

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

These fittings require schedule 40 3" pipe for both the top beam and legs. Schedule 40 3" pipe is 3" inside diameter and 3 1/2" outside diameter. To determine amount of pipe needed for top beam and proper use zones needed for swing set consult Figure 23, Table 7 for commercial swing sets. For residential sets see spacing dimensions See Page 4 of the Outdoor Home Playground Safety Handbook, [http://www.cpsc.gov/cpscpub/pubs/324.pdf](http://www.cpsc.gov/cpscpub/pubs/324.pdf)... Swings intended for the same age groups should be suspended from structures that are separate from those for other swings for different age groups, or at least suspended from a separate bay of the same structure. For instance, a full bucket swing should be in the same bay with another full bucket swing, not a full bucket and a strap seat in the same bay. To minimize the likelihood of children being struck by a moving swing, it is recommended that no more than two swings be hung in each bay of the supporting structure. Install swing set where a child can easily be supervised and not in direct sun. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections.

To determine the length of pipe needed for the legs figure the SIN of 45 degrees= .96 = Height. Divide by length of pipe. For example a ten foot pipe would be 8 ft. 10" above the ground. Lay out all the pipes and end frame fittings on the ground. Arrange them as they will eventually be connected as the finished assembly, approximately, two to three feet from where the set will set into the ground. Slide the two end frame fittings on each end of the top pole. Tighten the two included set screws on each side of the top of the end frame fitting. If you are using any swing hangers, attach them at this time. Then slide the poles into each leg of the end frame fitting and tighten the included set screws for each leg. The set screws use a 6 millimeter Allen wrench. Make sure set screws are tight. Have multiple people lift structure and rotate structure, so that it is upright. Drive stakes into the ground to mark the location of each pipe on the swing set as determined above. Dig holes until you have the correct number of holes. Depth and diameter of hole will be determined by height of set, but average size holes are two feet deep and two feet in diameter. Place a brick in the bottom of each hole with the widest edge facing up. The bricks will prevent the swing set from sinking in the dirt. Set the swing set in place. Lift the set and do not drag. Hold a level on the top bar of the swing set. Add gravel under each brick to adjust the height as needed. Pour the contents of one 40-lb. bag of concrete into the wheelbarrow. Add the recommended amount of water to the concrete, and mix with the shovel until there is no dry material. Shovel the mixed concrete into a hole, add more concrete if necessary to fill hole. Smooth the concrete with a trowel. Repeat this step for each hole. Allow the concrete to dry for twenty-four hours, and check for sturdiness before allowing children to use swing set.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season perform general maintenance. Check that there is adequate protective surfacing. Check for sharp points, corners or edges on equipment. Check that set screws are still tight. Check that anchoring is still secure. Check for rust. Check for vandalism. Replace parts if necessary. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:** Green or Red
A3075 Extra Heavy Duty Middle Frame Fitting – Commercial

Extra Heavy Duty Two Legged Middle Frame Fitting with 3 1/2" legs and top-rail. These are for schedule Forty 3" pipe, 3" ID and 3 1/2" OD. The pipe will not slide all the way across the top rail 4 5/8" and into the leg 9/14". The set screws are 12 millimeter and use a 6 millimeter Allen wrench. Heavy duty welded, much stronger than aluminum and will not break. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. These are sold individually.

**Installation, Safe Use and Maintenance Instructions**

**IMPORTANT:** Please read for important information. In this material we have tried to provide some requirements stated in the CPSC Handbooks, ASTM F2373-11, F1487-11 and F1148-09. However, we in no way intend for this to be a complete list of requirements. Also these publications are updated frequently with changes therefore, you should read these publications yourself to determine if any part or installation could prove a danger to a child.

To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website. [www.americanswing.com](http://www.americanswing.com) Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see [http://www.cpsc.gov/cpscpubs/325.pdf](http://www.cpsc.gov/cpscpubs/325.pdf).

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

A middle frame fitting is needed to make separate bays for swing sets. These fittings require schedule 40 3” pipe for both the top beam and legs. Schedule 40 3” pipe is 3” inside diameter and 3 1/2” outside diameter. To determine amount of bays needed for swing set consult Figure 23, Table 7 for commercial swing sets. Determine length of pipe needed for each top beam per bay. For residential sets see spacing dimensions See Page 4 of the Outdoor Home Playground Safety Handbook, [http://www.cpsc.gov/cpscpubs/524.pdf](http://www.cpsc.gov/cpscpubs/524.pdf). Swings intended for the same age groups should be suspended from structures that are separate from those for other swings for different age groups, or at least suspended from a separate bay of the same structure. For instance, a full bucket swing should be in the same bay with another full bucket swing, not a full bucket and a strap seat in the same bay. To minimize the likelihood of children being struck by a moving swing, it is recommended that no more than two swings be hung in each bay of the supporting structure. Install swing set where a child can easily be supervised and not in direct sun. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections.

To determine the length of pipe needed for the legs figure the SIN of 45 degrees= .96 = Height. Divide by length of pipe. For example a ten foot pipe would be 8 ft. 10” above the ground. Lay out all the pipes and end frame fittings on the ground. Arrange them as they will eventually be connected as the finished assembly, approximately, two to three feet from where the set will set into the ground. Slide the one end frame fittings on an end of the top beam pipe. Tighten the two included set screws on the top of the end frame fitting. If you are using any swing hangers, attach them at this time. Then slide the legs into each leg of the end frame fitting and tighten the included set screws for each leg. After installing the end frame fitting, then slide top beam pole into one side of the middle frame fitting. Tighten the two included set screws. Repeat this process with the next top beam pipe. Then slide the poles into each leg of the middle frame fitting and tighten the included set screws for each leg. After this, slide the end of the final top beam pipe into the end frame fitting. Tighten the included set screws for each leg. The set screws use a 6 millimeter Allen wrench. Make sure set screws are tight.

Have multiple people lift structure and rotate structure, so that it is upright. Drive stakes into the ground to mark the location of each pipe on the swing set as determined above. Dig holes until you have the correct number of holes. Depth and diameter of hole will be determined by height of set, but average size holes are two feet deep and two feet in diameter. Place a brick in the bottom of each hole with the widest edge facing up. The bricks will prevent the swing set from sinking in the dirt. Set the swing set in place. Lift the set and do not drag. Hold a level on the top bar of the swing set. Add gravel under each brick to adjust the height as needed. Pour the contents of one 40-lb. bag of concrete into the wheelbarrow. Add the recommended amount of water to the concrete, and mix with the shovel until there is no dry material. Shovel the mixed concrete into a hole, add more concrete if necessary to fill hole. However, CPSC states that concrete footings cannot be exposed, and all anchoring devices must be below playing surfaces. Therefore, make sure that concrete is not too high. If it is too high, it poses a tripping hazard. Smooth the concrete with a trowel. Repeat this step for each hole. Allow the concrete to dry for twenty-four hours, and check for sturdiness before allowing children to use swing set.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season perform general maintenance. Check that there is adequate protective surfacing. Check for sharp points, corners or edges on equipment. Check that set screws are still tight. Check that anchoring is still secure. Check for rust. Check for vandalism. Replace parts if necessary. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:** Green or Red
These sets are very heavy duty. Each bay is designed for two children up to 12 years old, per ASTM and CPSC guidelines. If installed according to installation instructions, our sets will more than meet these requirements.

Actual weight limits depend upon how the set is installed, the amount of concrete, the type of dirt in which the set is installed, how much use, etc. Therefore, we do not state weight limits for our swing sets.
FEET – Feet for 6’ or less Indoor Frame -

Special feet for swing frames to be used inside. They will prevent floors from marring. Part included are: 4 pieces of pipe with a 2” plastic plug inserted, 4 bases, 8 – 3/8” washers, 4 – 3/8” – 16 x 3” bolt, 4 – 3/8” nuts. Sold as Set of 4.

**INSTALLATION, SAFE USE & MAINTENANCE INSTRUCTIONS**

**IMPORTANT:** To keep children safe from harm, follow these precautions and instructions when installing, using, or maintaining this playground equipment. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpscpub/pubs/324.pdf.

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Thread each base piece to each pipe and plug. Insert each assembled feet into each frame leg. The fit should be snug and you may need to use a rubber mallet to insert the foot completely. Line up the holes in each pipe. Insert the 3/8” bolts with washers on each side through both the pipe and the rubber plug. Tighten with nut to hold in place. Bolt should not protrude past nut more than two threads. Put plastic cap over nut to prevent injury. If feet are purchased separately from our frames, you will need to drill your own 3/” holes. Drill a 3/8” hole through the pipe and the rubber plug. Insert a 3/8” bolt with washers on each side through both the pipe and the rubber plug. Tighten with nut to hold in place. Bolt should not protrude past nut more than two threads. Put plastic cap over nut to prevent injury. The feet can be adjusted by loosening the nuts on the base of the feet, and then threading the base in the desired direction. Make sure to tighten the nuts when you are done.

**Safe Use:** This is for children 0-12 years old only. Adults should supervise children at all times. Any set that is placed above ground is not meant to be used with a normal swing only with a ADA or an infant seat. Our above ground swing frames are not designed for vigorous swinging. They are designed for swinging within the “A” of the frames.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and or cracked plastic. Make sure feet have a tight fit in pipe. Check that screws are secure, and the caps have not been loosened or removed. Check for rust. Take a wire brush or piece of steel wool and scrub rust from metal surfaces. Check for vandalism and missing parts. Replace parts as necessary.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
Light Use Frame 7’ – 1 Bay - Residential

The Light Use Frame is 50” wide at the top and at the bottom it is 7’ wide above ground. It is 7½’ tall and 8’ from front leg to back leg above ground. This is an above ground set and is not for regular swinging. You need to swing between the A frame. It includes a crossbeam for extra support. The frame weighs only 60 lbs. It also comes with stakes so that it can be placed on grass or dirt surfaces. Optional feet are available for inside use to help prevent floors from marring. Ships UPS. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. FEET are sold separately.

PARTS INCLUDED ARE:

EFP - End Frame Parts (94) / Cpipe - Crossbar Pipes 3.25’ (2) / Lpipe - Pipe for Legs 8.5’ Long (4) / Tpipe - Pipe for Top Rail 4.17’ Long (1)

**Installation, Safe Use and Maintenance Instructions**

IMPORTANT: To keep children safe from harm, follow these precautions and instructions when installing, using, or maintaining this playground equipment. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpscpub/pubs/324.pdf.

Installation: Lay out all the pieces on the ground. Arrange them the way they will eventually connect as the finished assembly, approximately, two to three feet from where the set will set into the ground. You should have your holes dug 2 ft. deep to place in the galvanized pipe legs. Be sure to cement them in well before letting your children play.

Slide the 2 triangular pressings onto the top bar. Do not secure yet. Bolt end pressings to top bar using bolts and locknuts. With top bar upside down, bolt legs to end pressings using bolts, washers, locknuts. Stand frame on its legs and bolt on crossbars with bolts, washers and locknuts. Push end caps onto crossbars. Position triangular pressings to take swing accessory and secure with U bolt, rubber strip, washers and locknuts. Do not over tighten. Bolt stakes to end of legs using bolts, washers and locknuts. Tighten all nuts.

If using S-hooks you will need to make sure the S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. Close according to Fig A1.19 for Fastening Devices. WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. Make sure that the shackles used are tightened and if you use the shackles swing hangers for the chain that these also are tightened. Inspect regularly or use Loctite® to make sure bolt is still tight.

Safe Use: The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should state “This swing set is for children 5-12 years old only for standard swing seats. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age. Must have adequate surfacing under swing sets to prevent injury from falls.”

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed.

Maintenance: Do the following to reduce the chance of serious injuries. Check monthly for cracks, rust, missing rivets, open S-hooks or evidence of vandalism such as cutting, metal showing through the material or bent seats from children standing on them. Tighten and lubricate all metallic moving parts per manufacturer’s instructions. Check all protective coverings on nuts, bolts, pipes, edges, corners and all moving parts including swing hangers, swing seats, ropes, cables, chains and shackles. Replace as needed. Make sure there are no exposed footings, anchoring devices, rocks, roots, holes or any other obstacles in or around playground equipment. In high use areas these inspections should be done more frequently. Clean with mild soap and water when you do the monthly maintenance checks.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
BASIC POLICY & PROVISIONS

Metal Swing Frame sets are shipped via Freight Line. Delivery will be done by a semi-truck. The driver is only responsible for delivering the order to your curb. If you need a lift gate please add that to your order. A delivery appointment can be scheduled by the freight company via the phone number you provide on your order for an extra charge. The delivery person requires your assistance in unloading the order. It is a good idea when you make your appointment, to have the freight company call you 30 to 45 minutes before delivery so as to avoid having to wait for the driver to show up.

RECEIPT OF SHIPMENT/CUSTOMER RESPONSIBILITY

Before signing for your order, check to see that you are receiving the same number of cartons, bundles, and loose pieces etc., indicated on your receipt. Note any shortages or visible damage on your receipt and have the driver note these also in writing on the BOL. Damage which is found after you unpack the shipment (concealed damage) must be reported to Customer Service immediately. Please closely inspect your shipment! Most freight companies allow 10 days from receipt to report concealed damage.

NOTE: If you discover damage of any kind, DO NOT DESTROY ANY ORIGINAL SHIPPING CARTONS.

LOSS OR DAMAGE IN SHIPMENT

Customer signing bill of lading at time of delivery is our receipt from the carrier. We therefore, are released of all responsibility for loss or damage in transit. Merchandise, as received by you, should be carefully checked against the freight bill to be sure delivery of all items has been made.

Count the shipment and inspect for damage. If shipment is not delivered to you in good order and in accordance with the quantity shown on the Freight Bill of Lading, please note the shortage or damage on the Freight Bill before you sign for the shipment. Please contact your sales representative to advise the company of the shortage or damage.

As soon as possible after delivery, open all cartons and inspect for concealed damage. If you do have shortages or damage in cartons, please contact your representative’s office immediately so replacements can be made.

Do not throw away your copy of the Freight Bill. Any damaged or missing pieces not signed for as such on the Freight Bill of Lading will be replaced at the replacement cost, and freight charges will be charged to deliver the merchandise to your site.

Please note that the driver is obligated to bring your merchandise to the end of the trailer. It may then be advisable to have someone on hand to assist in unloading the merchandise as these systems come on 8’ to 12’long pallets and weigh a minimum of 500 pounds.
FRAME S61o - Outdoor Standard Set – 1 Swing - 1 Bay – Residential

This frame is for an in ground 6' high set with a Residential Swing Seat. You will need to specify colors for the End Frame Fittings, Chains, and Swing Seat. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

TOOLS AND PARTS NEEDED:
Ladder, ½" wrench, Ratchet socket wrench, Tape measure, A5750 supplied Allen wrench for shackles, and 6mm Allen wrench for set screws. Stakes for marking holes. Shovel, Bricks, Gravel, Wheelbarrow for mixing concrete, Water, Concrete, Trowel, Level, Warning signs. Protective surfacing according to ASTM F1292 for a fall height of 6'.

PARTS INCLUDED ARE:
A2025 – 2 blue or green
A1810 – 1 blue, green, red or yellow
A2014 – 2
A7700 – 2 blue, green red or yellow
A5725 – 2
Pipe Legs A – B - 9' - 4
A5750 – 1
Top Rail 6” - 1

MEASUREMENTS FOR SWING FRAME:
The legs are 133” apart lengthwise at ground level. The legs are 69” wide at ground level. Below ground, the legs are 150” lengthwise and the width below ground is 93”. Height is 6’

**INSTALLATION, SAFE USE & MAINTENANCE INSTRUCTIONS**

IMPORTANT: To keep children safe from harm, follow these precautions and instructions when installing, using, or maintaining this playground equipment. You can also call us at 1-800-433-2573 for more information or see http://www.oscp.org/pcspublicubs/324.pdf

Installation: Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult Figure 23. Table 7 for commercial swing sets if upgrading to a commercial swing. For residential sets see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your playground equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections.

Lay out all the pipes and end frame fittings on the ground about two feet from where you have determined you want to place your swing set. Do not dig holes until frame is assembled, as there may be some variance in leg spacing.

Slide the two end frame fittings on each end of the top pole with the two legs of the end frame fittings, pointing down. You may have to force pipes into end pipe openings. Tighten the two included set screws on the top of each of the end frame fitting, using the 6mm Allen wrench. Attach swing hangers. The hangers should be spaced 2 ft. from the end of the set and 2 ft. apart. Place the two halves of the hanger around the top rail of the swing set. The swinging shackle pendulum will be facing downwards. The side bolts are placed with the heads on the top of the hanger and the threads facing downwards with the nuts on the bottom. Using a ratchet socket wrench and with no more than 50 lbs. of torque, tighten the side bolts. After tightening, the sides should not be showing more than two threads past the nut, and the hanger should fit snugly on the pipe. Grease or oil bushings if squeaking noises are heard. Use the A5750 to open shackle bolt on the bottom of the shackle pendulum. Slide chain on the bolt and then tighten in the hanger until snug. You may have to force bolt through coating on chain. Close according to Figure A1.19 for Fastening Devices.

You can now attach swing to the bottom of the chain with shackles. This swing is intended for children four years to twelve years old. This swing must be installed a minimum of twelve inches from resilient surfacing. Warning on swing seat should face upward, so that the warning can be read easily. Measure each side of swing chain, so the swing hangs evenly.

WARNING: THIS SWING REQUIRES EITHER A LARGE END S-HOOK OR AN H-SHACKLE TO CONNECT SWING TO CHAIN. NOT USING NAMED FASTENERS CAN RESULT IN SEAT BREAKING AND CHILD BEING INJURED. Attach the large end of h-shackle through round hole on each end of swing set, and then attach small part of h-shackle to chain. Close according to Figure A1.19 for Fastening Devices. Try swinging seat without child in it first to make sure everything is working correctly before placing child in seat. This swing is intended for use by only one child at a time. The use zone for a belt swing should extend to the front and rear of a single-axis swing a minimum distance of twice the vertical distance from the pivot point and the top of the protective surface beneath it.

After attaching swing to the chain, slide the frame leg poles into each leg of the end frame fitting and tighten the included set screws for each leg. The set screws use a 6 millimeter Allen wrench. Make sure set screws are tight. Make sure that pipes are all far enough in frame fittings holes to stabilize frame. After frame is all assembled, have multiple people lift structure and rotate structure, so that it is upright.

Measure distances between legs, then, drive stakes into the ground at the correct distances for each pipe at the location of the swing set as you have determined above. Dig holes until you have the correct number of holes. Dig holes that are two feet deep and two feet in diameter.

Place a brick in the bottom of each hole with the widest edge facing up. The bricks will prevent the swing set from sinking in the dirt. Set the swing set in place. Lift the set and do not drag. Make sure there is at least four inches of space around the entire end of pipe, so that concrete will surround the pipe. Hold a level on the top bar of the swing set. Add gravel under each brick to adjust the height as needed.

Pour the contents of two 80-lb. bag of concrete into the wheelbarrow. Add the recommended amount of water to the concrete, and mix with the shovel until there is no dry material. Shovel the mixed concrete into a hole. Smooth the concrete with a trowel. Add dirt if necessary to fill hole, leaving enough space for surfacing. Repeat this step for each hole. Allow the concrete to dry for twenty-four hours, and check for sturdiness before allowing children to use swing set. Try swinging seat without child in it first to make sure everything is working correctly before placing child in seat.

Before allowing children to use set, install adequate surfacing under swing sets to prevent injury from falls. Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, driveways or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/*=safetyplay/.

Safe Use: This seat is for children 4 - 12 years old. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow swing to be used if damaged. Do not use if wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging. Tell children not to get off swing until it has stopped completely.

Maintenance: At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in swings or other accessories. Check that set screws are tight on frame fittings. Check that frame is sturdy and does not rock from side to side or rock to or fro. Make sure concrete is still secure and that footing surface is not a tripping hazard. Check for rust or worn chain. Check to make sure shackles are closed properly. Check to see if oil lite bearing in swing hanger pendulum is worn or cracked. When worn or cracked, replace pendulum. Check to make sure all lock nuts are tight. Check that screws are secure. Check for rust. Take a wire brush or piece of steel wool and scrub rust from metal surfaces. Please, check for vandalism. Replace parts if necessary. Check resilient surfacing for appropriate depth and cleanliness. Maintaining adequate surfacing is extremely important in reducing injuries. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
**INSTALLATION, SAFE USE & MAINTENANCE INSTRUCTIONS**

**IMPORTANT:** To keep children safe from harm, follow these precautions and instructions when installing, using, or maintaining this playground equipment. You can also call us at 1-800-433-2573 for more information or see [http://www.cpsc.gov/cpscpub/pubs/324.pdf](http://www.cpsc.gov/cpscpub/pubs/324.pdf).

**TOOLS AND PARTS NEEDED:**
Ladder, ¾" wrench, ratchet socket wrench, tape measure, 3/8" smooth plastic nut caps for feet (2), A5750 supplied Allen wrench for shackles, and 8mm Allen wrench for set screws. Warning signs. Protective surfacing according to ASTM F1292 for a fall height of 6'.

**PARTS INCLUDED ARE:**
- A2325 – 2 blue or green
- A2014 – 2
- A5700 – 2
- A5790 – 2
- A5750 – 1

**MATERIALS FOR SWING FRAME:**
The legs are 133" apart lengthwise at ground level. The legs are 69" wide at ground level. Height is 6'.

**FRAME S61Ari** – Indoor Standard Set - 1 ADA - 1 Bay – Residential

**FRAME S61Aci** – Indoor Standard Set - 1 ADA - 1 Bay – Commercial / Residential

This frame is intended for a yard of 6' high set with a ADA. This set comes with feet that have rubber bottoms that can be used on wooden floors or tile. You will need to specify colors for the End Frame Fittings and the ADA. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

READ all instructions before attempting assembly. To determine proper use zones needed for swing set consult Figure 23, Table 7 for commercial swing sets if upgrading to a commercial swing. For residential sets see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections.

Lay out all the piped end frame fittings on the ground. Slide the two end frame fittings on each end of the top pole with the two legs of the end frame fittings, pointing down. You may have to force pipe into leg openings. Tighten the two included set screws on the top of each of the end frame fitting, using the 6mm Allen wrench. Attach swing hangers. The hangers should be spaced 2 ft. from the end of the set and 2 ft. apart. Place the two halves of the hanger around the top rail of the swing set. The swinging shackle pendulum will be facing downwards. The side bolts are placed with the heads on the top of the hanger and the threads facing downwards with the nuts on the bottom. Using a ratchet wrench and no more than 50 lbs. of torque, tighten the side bolts. After tightening, the threads should not be showing more than two threads past the nut, and the hanger should fit snugly on the pipe. Grease or oil bushings if squeaking noises are heard. Use the A5750 to open shackle bolt on the bottom of the shackle pendulum. Slide the end link of chain on the bolt and then tighten in the hanger until snug. Close according to Figure A1.19 for Fastening Devices. If you wish to adjust the angle of the swing for the child's needs, it can easily be done by undoing the h shackle that connects the v-shaped chain and moving the h shackle either higher or lower on the v of the chain. This will allow the swing to either be more upright or more horizontal, depending upon where the second piece of chain is attached to the v-shaped chain. Re-attach the h shackle with the enclosed wrench to both chains. There are multiple buckles to adjust the harness. If the crotch strap on the harness is too big, take a soldering iron, so harness doesn’t fray, and burn a hole where the adjustment hole is needed.

After attaching swing to the chain, slide the frame leg poles into each leg of the end frame fitting and tighten the included set screws for each leg. The set screws use a 6 millimeter Allen wrench. Make sure set screws are tight. Make sure that pipes are all far enough in frame fittings holes to stabilize frame. Finally, to install feet, thread each base piece to each pipe and plug. Insert each assembled feet into each frame leg. The fit should be snug and you may need to use a rubber mallet to insert the foot completely. Line up the holes in each pipe. Insert the 3/8" bolts with washers on each side through both the pipe and the rubber plug. Tighten with nut to hold in place. Bolt should not protrude past nut more than two threads. Put plastic cap over nut to prevent injury. After frame is all assembled, have multiple people lift structure and rotate structure, so that it is upright. Try swinging seat without child in it first to make sure everything is working correctly before placing child in seat.

**BEFORE ALLOWING CHILDREN TO USE SET, INSTALL ADEQUATE UPGRADE UNDER SWING SETS TO PREVENT INJURY FROM FALLS.**
Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries. The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. For Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at [http://www.mindspring.com/safetyplay/](http://www.mindspring.com/safetyplay/).

**Safe Use:** Any set that is placed above ground is not meant to be used with a normal swing only with a ADA or an infant seat. Our above ground swing frames are not designed for vigorous swings. They are designed for swingng within the A of the frame. This seat is for children up to 125 lbs. only. Not for Adults. Check with medical advice to see if it is safe for child to use this swing. Adults should help children in and out of seat when it is stopped completely. Adults should supervise children at all times. Tell children to hold chains tightly in each hand while swinging. Do not allow children to stand on seat or use unsafely. Do not use wet. Do not allow swing to be used if damaged. Remove harness when not in use, as the harness may pose a strangulation danger if attached to the swing and not being used.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in elastomer swing seat. Check that set screws are tight on end frame fittings. Check for rusty or worn chain. Check to make sure shackles are closed properly. Check to see if oil lite bearing in swing hanger pendulum is worn or cracking. When worn or cracked, replace pendulum. Check to make sure all lock nuts are tight. Make sure feet have a tight fit in pipe. Check that screws are secure. Check for sharp edges and or cracked plastic in feet. Check that feet nut cap is still in place and not loose. Check for rust. Take a wire brush or piece of steel wool and scrub rust from metal surfaces. Please, check for vandalism. Replace parts if necessary. Check resilient surfacing for appropriate depth and cleanliness. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
**INSTALLATION, SAFE USE & MAINTENANCE INSTRUCTIONS**

**IMPORTANT:** To keep children safe from harm, follow these precautions and instructions when installing, using, or maintaining this playground equipment. You can also call us at 1-800-433-2573 for more information or see [http://www.cpsc.gov/cpscpub/pubs/324.pdf](http://www.cpsc.gov/cpscpub/pubs/324.pdf).

**FRAME S61Aro** - Outdoor Standard Set – 1 ADA - 1 Bay – Residential

**S61Aco** - Outdoor Standard Set – 1 ADA - 1 Bay – Commercial / Residential

This frame is for an in-ground standard 6’ high set. You will need to specify color for the End Frame Fittings and the ADA. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

**TOOLS AND PARTS NEEDED:**
Ladder, ¾” wrench, Ratchet socket wrench, Tape measure, A5750 supplied Allen wrench for shackles, and 6mm Allen wrench for set screws. Stakes for marking holes.

**Shovel, Bricks, Gravel, Wheelbarrow for mixing concrete, Water, Concrete, Trowel, Level, Warning signs.** Protective surfacing according to ASTM F1292 for a fall height of 6'.

**PARTS INCLUDED ARE:**
A5725 – 2 blue or green
A1200 – 1 black, blue, green, red or yellow
A2014 – 2
A7500 – 2 - 6' / 2 - .5'
A5700 – 2
Pipe Legs A - B - 9’ - 4
A5730 – 2
Top Rail – 6’ - 1
A5750 – 1

**MEASUREMENTS FOR SWING FRAME:**
- The legs are 133” apart lengthwise at ground level. The legs are 69” wide at ground level. Below ground, the legs are 150” lengthwise and the width below ground is 93”.
- Height is 6’

Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult Figure 23, Table 7 for commercial swing sets if upgrading to a commercial swing. For residential sets see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections. Lay out all the pipes and end frame fittings on the ground about two feet from where you have determined you want to place your swing set. Do not dig holes until frame is assembled, as there may be some variance in leg spacing. Slide the two end frame fittings on each end of the top pole with the two legs of the end frame fittings, pointing down. You may have to force pipes into end pipe openings. Tighten the two included set screws on the top of each of the end frame fitting, using the 6mm Allen wrench. Attach swing hangers. The hangers should be spaced 2 ft. from the end of the set and 2 ft. apart. Place the two halves of the hanger around the top rail of the swing set. The swinging shackle pendulum will be facing downwards. The side bolts are placed with the heads on the top of the hanger and the threads facing downwards with the nuts on the bottom. Use a ratchet socket wrench and with no more than 50 lbs. of torque, tighten the side bolts. After tightening, the threads should not be showing more than two threads past the nut, and the hanger should fit snugly on the pipe. Grease or oil bushings if squeaking noises are heard. Use the A5750 to open shackle bolt on the bottom of the shackle pendulum. Slide chain on the bolt and then tighten in the hanger until snug. Close according to Figure A1.19 for Fastening Devices. If you wish to adjust the angle of the swing for the child’s needs, it can easily be done by undoing the h shackle that connects the v-shaped chain and moving the h shackle either higher or lower on the v of the chain. This will allow the swing to either be more upright or more horizontal, depending upon where the second piece of chain is attached to the v-shaped chain. Re-attach the h shackle with the enclosed wrench to both chains. There are multiple buckles to adjust the harness. If the crotch strap on the harness is too big, take a soldering iron, so harness doesn’t fray, and burn a hole where the adjustment hole is needed. Warning on swing seat should face forward. This swing is intended for use by only one child at a time. After attaching swing to the chain, slide the frame leg poles into each leg of the end frame fitting and tighten the included set screws for each leg. The set screws use a 6 millimeter Allen wrench. Make sure set screws are tight. Make sure that pipes are all far enough in frame fittings holes to stabilize frame. After frame is all assembled, have multiple people lift structure and rotate structure, so that it is upright. Measure distances between legs, then, drive stakes into the ground at the correct distances for each pipe at the location of the swing set as you have determined above. Dig holes until you have the correct number of holes. Dig holes that are two feet deep and two feet in diameter. Place a brick in the bottom of each hole with the widest edge facing up. The bricks will prevent the swing set from sinking in the dirt. Set the swing set in place. Lift the set and do not drag. Make sure there is at least four inches of space around the entire end of pipe, so that concrete will surround the pipe. Hold a level on the top bar of the swing set. Add gravel under each brick to adjust the height as needed. Pour the contents of two 80-lb. bag of concrete into the wheelbarrow. Add the recommended amount of water to the concrete, and mix with the concrete there with the mix does not have dry material. Shovel the mixed concrete into a hole. Smooth the concrete with a trowel. Add dirt if necessary to fill hole, leaving enough space for surfacing. Repeat this step for each hole. Allow the concrete to dry for twenty-four hours, and check for stubbornness before allowing children to use swing set. Try swinging seat without child in it first to make sure everything is working correctly before placing child in seat. Before allowing children to use set, install adequate surface and prevent swing set from injury preventing falls. Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow adults to stand on set or use unsafely. Do not allow set to be used damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards, until frame is assembled, as there may be some variance in leg spacing. Some swings cause serious burns to children generally less than 4 years of age. Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at [http://www.mindspring.com/~safetyplay/](http://www.mindspring.com/~safetyplay/).

**Safe Use:** This seat is for children up to 125 lbs. only. Not for Adults. Check with medical advice to see if it is safe for child to use this swing. Adults should help children in and out of seat when it is stopped completely. Adults should supervise children at all times. Tell children to hold chains tightly in each hand while swinging. Do not allow children to stand on seat or use unsafely. Do not use if wet. Do not allow swing to be used if damaged. Remove harness when not in use, as the harness may pose a strangulation danger if attached to the swing and not being used.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in swings or other accessories. Check that set screws are tight on frame fittings. Check that frame is sturdy and does not rock from side to side or rock or to fro. Make sure concrete is still secure and that footing surface is not a tripping hazard. Check for rusty or worn chain. Check to make sure shackles are closed properly. Check to see if oil fits bearing in swing hardware. Check for cracks. Check that bolts are tight. Make sure all lock nuts are tight. Check that screws are secure. Check for rust. Take a wire brush or piece of steel wool and scrub rust from metal surfaces. Please, check for vandalism. Replace parts if necessary. Check resilient surfacing for appropriate depth and cleanliness. Maintaining adequate surfacing is extremely important in reducing injuries. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse voids all warranties.
FRAME S61NSi - Indoor Standard Set – No Swing - 1 Bay - Residential

This frame is for an above ground 6’ high set with no swing. It does come with two swing hangers, but no chain. This set comes with feet that have rubber bottoms that can be used on wooden floors or tile. You will need to specify colors for the End Frame Fittings. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

TOOLS AND PARTS NEEDED:
Ladder, ¼” wrench, ratchet socket wrench, tape measure, smooth plastic 3/8” nut caps (2), A5750 supplied Allen wrench for shackles, and 6mm Allen wrench for set screws.

Warning signs. Protective surfacing according to ASTM F1292 for a fall height of 6’.

PARTS INCLUDED ARE:
A2925 – 2 blue or green FEET – 1 set of 4
A2014 – 2 Pipe Legs F - 6.5’ - 4
A5750 – 1 Top Rail 6” - 1

MEASUREMENTS FOR SWING FRAME:
The legs are 133” apart lengthwise at ground level. The legs are 69” wide at ground level. Height is 6’

**INSTALLATION, SAFE USE & MAINTENANCE INSTRUCTIONS**

IMPORTANT: To keep children safe from harm, follow these precautions and instructions when installing, using, or maintaining this playground equipment. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpscpub/pubs/324.pdf.

Installation: Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult Figure 23, Table 7 for commercial swing sets if upgrading to a commercial swing. For residential sets see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections. Lay out all the pipes and end frame fittings on the ground. Slide the two end frame fittings on each end of the top pole with the two legs of the end frame fittings, pointing down. You may have to force pipe into leg openings. Tighten the two included set screws on the top of each of the end frame fitting, using the 6mm Allen wrench. Attach swing hangers. The hangers should be spaced 2 ft. from the end of the set and 2 ft. apart. Place the two halves of the hanger around the top rail of the swing set. The swingshackle pendulum will be facing downwards. The side bolts are placed with the heads on the top of the hanger and the threads facing downwards with the nuts on the bottom. Using a ratchet socket wrench with and no more than 50 lbs. of torque, tighten the side bolts. After tightening, the threads should not be showing more than two threads past the nut, and the hanger should fit snugly on the pipe. Grease or oil bushings if squeaking noises are heard. Use the A5750 to open shackle bolt on the bottom of the shackle. After attaching your chosen part, close according to Figure A1.19 for Fastening Devices. Slide the frame leg poles into each leg of the end frame fitting and tighten the included set screws for each leg. The set screws use a 6 millimeter Allen wrench. Make sure set screws are tight. Make sure that pipes are all far enough in frame fittings holes to stabilize frame. Finally, to install feet, thread each base piece to each pipe and plug. Insert each assembled feet into each frame leg. The fit should be snug and you may need to use a rubber mallet to insert the foot completely. Line up the holes in each pipe. Insert the 3/8” bolts with washers on each side through both the pipe and the rubber plug. Tighten with nut to hold in place. Bolt should not protrude past nut more than two threads. Put plastic cap over nut to prevent injury. After frame is all assembled, have multiple people lift structure and rotate structure, so that it is upright. Try swinging without child first to make sure everything is working correctly.

Before allowing children to use set, install adequate surfacing under swing sets to prevent injury from falls. Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least 6 feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age. Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay/

Safe Use: Any set that is placed above ground is not meant to be used with a normal swing only with a ADA or infant seat. Our above ground swing frames are not designed for vigorous swinging. They are designed for swinging within the “A” of the frames.

This set is for children 2 - 12 years old only. Not for Adults. Adults should supervise children at all times. Do not allow children to stand or kneel on seat or use unsafely. Do not allow swing to be used if damaged. Do not use if wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging. Tell children not to get off swing until it has stopped completely.

Maintenance: At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in elastomer swing seat. Check that set screws are tight on end frame fittings. Check to make sure shackles are closed properly. Check to see if oil lite bearing in swing hanger pendulum is worn or cracking. When worn or cracked, replace pendulum. Check to make sure all lock nuts are tight... Check that screws are secure. Check for sharp edges and or cracked plastic. Check for rust. Take a wire brush or piece of steel wool and scrub rust from metal surfaces. Please, check for vandalism. Replace parts if necessary. Check resilient surfacing for appropriate depth and cleanliness. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
FRAME S61NSO - Outdoor Standard Set – No Swing - 1 Bay - Residential

This frame is for an in ground 6' high set with no swing. It does come with two swing hangers, but no chain. You will need to specify colors for the End Frame Fittings. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

TOOLS AND PARTS NEEDED:
- Ladder, 10' (product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.
- Tape measure
- A5750 supplied Allen wrench for shackles, and 6mm Allen wrench for set screws. Stakes for marking holes.
- Shovel, Bricks, Gravel, Wheelbarrow for mixing concrete, Water, Concrete, Trowel, Warning signs.
- Protective surfacing according to ASTM F1292 for a fall height of 6'.

PARTS INCLUDED ARE:
- A2925 – 2 blue or green
- A2014 – 2
- A5750 – 2

MEASUREMENTS FOR SWING FRAME:
- The legs are 133' apart lengthwise at ground level. The legs are 69' wide at ground level. Below ground, the legs are 150' lengthwise and the width below ground is 93'.
- Height is 6'.

**INSTALLATION, SAFE USE & MAINTENANCE INSTRUCTIONS**

**IMPORTANT:** To keep children safe from harm, follow these precautions and instructions when installing, using, or maintaining this playground equipment. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpscpub/pubs/324.pdf.

**INSTALLATION:** Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult Figure 23, Table 7 for commercial swing sets if upgrading to a commercial swing. For residential sets see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections. Lay out all the pipes and end frame fittings on the ground about two feet from where you have determined you want to place your swing set. Do not dig holes until frame is assembled, as there may be some variance in leg spacing. Slide the two end frame fittings on each end of the top pole with the two legs of the end frame fittings, pointing down. You may have to force pipes into end pipe openings. Tighten the two included set screws on the top of each of the end frame fitting, using the 6mm Allen wrench. Attach swing hangers. The hangers should be spaced 2 ft. from the end of the set and 2 ft. apart. Place the two halves of the hanger around the top rail of the swing set. The swinging shackle pendulum will be facing downwards. The side bolts are placed with the heads on the top of the hanger and the threads facing downwards with the nuts on the bottom. Using a ratchet socket wrench and with no more than 50 lbs. of torque, tighten the side bolts. After tightening, the threads should not be showing more than two threads past the nut, and the hanger should fit snugly on the pipe. Grease or oil bushings if squeaking noises are heard. Use the A5750 to open shackle bolt on the bottom of the shackle pendulum. Close according to Figure A1.19 for Fastening Devices. Slide the frame leg poles into each leg of the end frame fitting and tighten the included set screws for each leg. The set screws use a 6 millimeter Allen wrench. Make sure set screws are tight. Make sure that pipes are all far enough in frame fittings holes to stabilize frame. After frame is all assembled, have multiple people lift structure and rotate structure, so that it is upright.

Measure distances between legs, then, drive stakes into the ground at the correct distances for each pipe at the location of the swing set as you have determined above. Dig holes until you have the correct number of holes. Dig holes that are two feet deep and two feet in diameter. Place a brick in the bottom of each hole with the widest edge facing up. The bricks will prevent the swing set from sinking in the dirt. Set the swing set in place. Lift the set and do not drag. Make sure there is at least four inches of space around the entire end of pipe, so that concrete will surround the pipe. Hold a level on the top bar of the swing set. Add gravel under each brick to adjust the height as needed. Pour the contents of two 80-lb. bag of concrete into the wheelbarrow. Add the recommended amount of water to the concrete, and mix with the shovel until there is no dry material. Shovel the mixed concrete into a hole. Smooth the concrete with a trowel. Add dirt if necessary to fill hole, leaving enough space for surfacing. Repeat this step for each hole. Allow the concrete to dry for twenty-four hours, and check for sturdiness before allowing children to use swing set. Try swinging seat without child in it first to make sure everything is working correctly before placing child in seat.

Before allowing children to use set, install adequate surfacing under swing sets to prevent injury from falls. Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries. The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay/.

**Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay/.

**Safe Use:** This set is for children 2 - 12 years old only. Not for Adults. Adults should supervise children at all times. Do not allow children to stand or kneel on seat or use unsafely. Do not allow swing to be used if damaged. Do not use if wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging. Tell children not to try to get off swing until it has stopped completely.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in swings or other accessories. Check that set screws are tight on frame fittings. Check that frame is sturdy and does not rock from side to side or rock to or fro. Make sure concrete is still secure and that footing surface is not a tripping hazard. Check for rust or worn chain. Check to make sure shackles are closed properly. Check to see if oil or lubricant is gone. Check to see if oil or ear bearing in swing hanger pendulum is worn or cracking. When worn or cracked, replace pendulum. Check to make sure all lock nuts are tight. Check that screws are secure. Check for rust. Take a wire brush or piece of steel wool and scrub rust from metal surfaces. Please, check for vandalism. Replace parts if necessary. Check resilient surfacing for appropriate depth and cleanliness. Maintaining adequate surfacing is extremely important in reducing injuries. Maintain detailed inspection and maintenance records for public-use playground equipment.

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FRAME 561c - Standard Set – 1 Swing - 1 Bay - Commercial

This frame is for an in ground standard 6’ high set. You will need to specify colors for the End Frame Fittings, Swing Chain and Commercial Swing Seat. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

TOOLS AND PARTS NEEDED:
Ladder, 1/4 inch, Ratchet socket wrench, Tape measure, A5750 supplied Allen wrench for shackles, and 6mm Allen wrench for set screws. Stakes for marking holes. Shovel, Bricks, Gravel, and Wheelbarrow for mixing concrete. Water, Concrete, Trowel, Level, Warning signs. Protective surfacing according to ASTM F1292 for a fall height of 6’.

PARTS INCLUDED ARE:
A2925 – 2 blue or green
A1600 – 1 black, blue, green, red, tan or yellow
A2014 – 2
A7700 – 2 blue, green, red or yellow
A5700 – 2 red or green
A5750 – 1
Top Rail 6” – 1

MEASUREMENTS FOR SWING FRAME:
The legs are 133” apart lengthwise at ground level. The legs are 69” wide at ground level. Below ground, the legs are 150” lengthwise and the width below ground is 93”. Height is 6’

**INSTALLATION, SAFE USE & MAINTENANCE INSTRUCTIONS**

IMPORTANT: To keep children safe from harm, follow these precautions and instructions when installing, using, or maintaining this playground equipment. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpscpub/pubs/324.pdf.

Installation: Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult Figure 23. Table 7 for commercial swing sets. For residential sets see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections.

Lay out all the pipes and end frame fittings on the ground about two feet from where you have determined you want to place your swing set. Do not dig holes until frame is assembled, as this may cause some variance in leg spacing. Slide the two end frame fittings on each end of the top pole with the two legs of the end frame fittings, pointing down. You may have to force pipes into pipe ends openings. Tighten the two included set screws on the top of each of the end frame fitting, using the 6mm Allen wrench. Attach swing hangers. The hangers should be spaced 2 ft. from the end of the set and 2 ft. apart. Place the two halves of the hanger around the top rail of the swing set. The swinging shackle pendulum will be facing downwards. The side bolts are placed with the heads on the top of the hanger and the threads facing downward with the nuts on the bottom. Using a ratchet socket wrench and with no more than 50 lbs. of torque, tighten the side bolts. After tightening, the threads should not be showing more than two threads. Fasten the trig horns, and the hanger should fit snugly on the pipe. Grease or oil bushings if squeaking noises are heard. Use the A5750 to open shackle bolt on the bottom of the shackle pendulum. Slide chain on the bolt and then tighten in the hanger until snug. You may have to force bolt through coating on chain. Close according to Figure A1.19 for Fastening Devices. You can now attach swing to the bottom of the chain with shackles. The swing is intended for children from four to twelve years old. Warning on swing seat should face upward. This swing is intended for use by only one child at a time. Measure each side of swing chain before attaching to make sure that the swing will hang evenly. Attach the bottom of each chain to the large metal triangle on swing seat with a shackle. The bolt on shackle goes through the chain with “C” part of shackle going through triangular hardware on swing seat. Use the A5750 to open shackle bolt. Slide the shackle onto the swing hardware, and then slide the bolt through the bottom of the chain. Tighten the bolt into the shackle unsgn. You may have to force bolt through coating on chain. Close according to Figure A1.19 for Fastening Devices.

After attaching swing to the chain, slide the frame leg poles into each leg of the end frame fitting and tighten the included set screws for each leg. The set screws use a 6 mm Allen wrench. Make sure that pipes are all far enough in frame fittings holes to stabilize frame. Frame is all assembled, have multiple people lift structure and rotate structure, so that it is upright. Measure distances between legs, then, drive stakes into the ground at the correct distances for each pipe at the location of the swing set as you have determined above. Dig holes until you have the correct number of holes. Dig holes that are two feet deep and two feet in diameter. Place a brick in the bottom of each hole with the widest edge facing up. The bricks will prevent the swing set from sinking in the dirt. Set the swing set in place. Lift the set and do not drag. Make sure there is at least four inches of space around the entire end of pipe, so that concrete will surround the pipe. Hold a level on the top bar of the swing set. Add gravel under each brick to adjust the height as needed. Pour the contents of two 80-lb. bag of concrete into the wheelbarrow. Add the recommended amount of water to the concrete, and mix with the shovel until there is no dry material. Shovel the mixed concrete into a hole. Smooth the concrete with a trowel. Add dirt if necessary to fill hole, leaving enough space for surfacing. Repeat this step for each hole. Allow the concrete to dry for twenty-four hours, and check for sturdiness before allowing children to use swing set. Try swinging seat without child in it first to make sure everything is working correctly before placing child in seat.

Before allowing children to use set, install adequate surfacing under swing sets to prevent injury from falls. Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the assembled, as this may cause some variance in leg spacing. Do not allow children to stand or use unsafely. Do not allow swing to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where ever possible, rings are shown to know reach temperatures high enough to cause serious burns to children generally less than 4 years of age. Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and color, symbol specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay/.

Safe Use: This seat is for children 4 - 12 years old only. Not for Adults. Adults should supervise children at all times. Do not allow children to stand or kneel on seat or use unsafely. Do not allow swing to be used if damaged. Do not use if wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging. Tell children not to get off swing until it has stopped completely.

Maintenance: At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in swings or other accessories. Check that set screws are tight on swing fittings. Check that frame is sturdy and does not rock from side to side or rock to or fro. Make sure concrete is still secure and that footing surface is not a tripping hazard. Check for rusty or worn chain. Check to make sure shackles are closed properly. Check to see if oil or lite bearing in swing hanger pendulum is worn or cracking. When worn or cracked, replace pendulum. Check to make sure all lock nuts are tight. Check that screws are secure. Check for rust. Take care there may be some steel wool and scrub rust from metal surfaces. Please, check for vandalism. Replace parts if necessary. Check resilient surfacing for appropriate depth and cleanliness. Maintaining adequate surfacing is extremely important in reducing injuries. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
FRAME 581 - Standard Set – 1 Swing - 1 Bay – Residential

This frame is for an in ground 8’ high set with a Residential Swing Seat. You will need to specify colors for the End Frame Fittings, Chains, and Swing Seat. This product should last two years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

TOOLS AND PARTS NEEDED:
- Ladder, 1½ – 2 x 6, 74”
- Hooked socket wrench
- Tape measure, A5750 supplied
- Allen wrench for shackles, and 8mm Allen wrench for set screws.
- Stakes for marking holes.
- Shovel
- Gravel, and Wheelbarrow for mixing concrete
- Water, Concrete, Trowel, Level, Warning signs.
- Protective surfacing according to ASTM F1292 for a fall height of 8’.

PARTS INCLUDED ARE:
- A2925 – 2 blue or green
- A2014 – 2
- A7700 – 2 blue, green, red or yellow
- A5725 – 2 blue or green
- Picnic table
- 11.5 – 4
- Top Rail 6’ – 1

MEASUREMENTS FOR SWING FRAME:
- The legs are 150” apart lengthwise at ground level. The legs are 93” wide at ground level. Below ground, the legs are 165” long and the width below ground is 115”. Height is 8’

**INSTALLATION, SAFE USE & MAINTENANCE INSTRUCTIONS**

**IMPORTANT:** To keep children safe from harm, follow these precautions and instructions when installing, using, or maintaining this playground equipment. You can also call us at 1-800-433-2733 for more information or see http://www.chnc.gov/opepub/pubs/374.pdf

**Installation:** Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult Figure 23, Table 7 for commercial swing sets if upgrading to a commercial swing. For residential sets see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing where wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all hardware. Lay out all the pipes and end frame fittings on the ground about two feet from where you have determined you want to place your swing set. Do not dig holes until frame is assembled, as there may be some variance in leg spacing. Slide the two end frame fittings on each end of the top pole with the two legs of the end frame fittings, pointing down. You may have to force pipes into end pipe openings. Tighten the two included set screws on the top of each of the end frame fitting, using the 8mm Allen wrench provided for each hanger. The hangers should be spaced 2 ft. from the end of the set and 2 ft. apart. Place the two halves of the hanger around the top rail of the swing set. The swinging shack pendulum will be facing downward. The side bolts are placed with the heads on the top of the hanger and the threads facing downwards with the nuts on the bottom. Using a ratchet socket wrench and with no more than 50 lbs. of torque, tighten the side bolts. After tightening, the threads should not be showing more than two threads past the nut, and the hanger should fit snugly on the pipe. Grease or oil bushings if squeaking noises are heard. Use the A5750 to open shackel bolt on the bottom of the shackel pendulum. Slide chain on the bolt and then tighten in the hanger until snug. You may have to force bolt through coating on chain. Close according to Figure A1.19 for Fastening Devices. You can now attach swing to the bottom of the chain with shackles. This swing is intended for children four years to twelve years old.

This swing must be installed a minimum of twelve inches from resilient surfacing. Warning on swing seat should face upward, so that the warning can be read easily. Measure each side of swing chain, so the swing hangs even. WARNING: THIS SWING REQUIRE EITHER A LARGE END S-HOOK OR AN H-SHACKLE TO CONNECT SWING TO CHAIN.

NOT USING NAMED FASTENERS CAN RESULT IN SEAT BREAKING AND CHILD BEING INJURED. Attach the large end of h-shackle through round hole on each end of swing seat, and then attach small part of h-shackle to chain. Close according to Figure A1.19 for Fastening Devices. Try swinging seat without child in it first to make sure everything is working correctly before placing child in seat. This swing is intended for use by only one child at a time. The use zone for a belt swing should extend to the front and rear of a single-axis swing a minimum distance of twice the vertical distance from the pivot point and the top of the protective surface beneath it. After attaching swing to the chain, slide the frame leg poles into each leg of the end frame fitting and tighten the included set screws for each leg. The set screws use a 6 millimeter Allen wrench. Make sure set screws are tight. Make sure that pipes are all far enough in frame fittings holes to stabilize frame. After frame is all assembled, have multiple people lift the set on the ground, until the set is in the desired height. After attaching, make sure that screws are tight. Make sure that pipes are all far enough in frame fittings holes to stabilize frame. After frame is all assembled, have multiple people lift the set on the ground, and stand on each corner of the swing set to make sure everything is working correctly before placing child in seat. Before allowing children to use set, install adequate surfacing under swing sets to prevent injury from falls. Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least 6 ft. from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

The CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message be on either a sign or label outside the use zone. Signs should be posted that state the appropriate use group for swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where possible, signs are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age. Specifications for all warning signs or labels should conform to ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay/

Safe Use: This seat is for children 4 - 12 years old only. Not for Adults. Adults should supervise children at all times. Do not allow children to stand or kneel on seat or use unsafely. Do not allow swing to be used if damaged. Do not use if wet. Instruct children not to wrap chains around any part of the swing set. Try swinging seat without child in it first to make sure everything is working correctly before placing child in seat.

Maintenance: At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in swings or other accessories. Check that set screws are tight on frame fittings. Check that frame is sturdy and does not rock from side to side or rock to or fro. Make sure concrete is still secure and that footing surface is not a tripping hazard. Check for rusty or worn chain. Check to make sure shackles are closed properly. Check to see if oil lite bearing in swing hanger pendulum is worn or cracking. When worn or cracked, replace pendulum. Make sure all lock nuts are tight. Make sure that pipes are all far enough in frame fittings holes to stabilize frame. After frame is all assembled, have multiple people lift the set on the ground, and stand on each corner of the swing set to make sure everything is working correctly before placing child in seat. Tell children to watch for children falling into the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all hardware.

For rust, take a wire brush or piece of steel wool and scrub rust from metal surfaces. Please, check for vandalism. Replace parts if necessary. Check all moving parts to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where possible, signs are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age. Specifications for all warning signs or labels should conform to ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay/

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**PUBLIC-USE PLAYGROUND EQUIPMENT**

Appropriate depth and cleanliness. Maintaining adequate surfacing is extremely important in reducing injuries. Maintain detailed inspection and maintenance records for rust. Take a wire brush or piece of steel wool and scrub rust from metal surfaces. Please, check for vandalism. Replace parts if necessary. Check and out of seat when it is stopped completely. Adults should supervise children at all times. Tell children to hold chains tightly in each hand while swinging. Do not allow children to stand on seat or use unsafely. Do not use wet. Do not allow swing to be used if damaged. Remove harness when not in use, as the harness may pose a hazard. Where applicable, hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

Safe Use:

Avoid_dragging equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tight connections.

Lay out all the pipes and end frame fittings on the ground about two feet from where you have determined you want to place your swing set. Do not dig holes until frame is assembled. There may be some variance in leg spacing. Slide the two end frame fittings on each end of the top pole with the two legs of the end frame fittings, pointing down. You may have to force pipes into end pipe openings. Tighten the two included set screws on the top of each of the end frame fitting, using the 6mm Allen wrench. Attach swing hangers. The hangers should be spaced 2 ft. from the end of the set and 2 ft. apart. Place the two halves of the hanger around the top rail of the swing set. The swinging shackle pendulum will be facing downwards. Lay the side bolts are placed with the heads on the top of the hanger and the threads facing downwards with the nuts on the bottom. Using a ratchet socket wrench and with no more than 50 lbs. of torque, tighten the side bolts. After tightening, the threads should not be showing more than two threads past the nut, and the hanger should fit snugly on the pipe. Grease or oil bushings if squeaking noises are heard. Use the A57/50 to open shackle bolt on the bottom of the shackle pendulum. Slide chain on the bolt and then tighten in the hanger until snug. Close according to Figure A1.19 for Fastening Devices. If you wish to adjust the angle of the swing for the child’s needs, it can easily be done by undoing the h shackle that connects the v-shaped chain and moving the h shackle either higher or lower on the v of the chain. This will allow the swing to either be more upright or more horizontal, depending upon where the second piece of chain is attached to the v-shaped chain. Re-attach the h shackle with the enclosed wrench to both chains. There are multiple buckles to adjust the harness. If the crotch strap on the harness is too big, take a soldering iron, so harness doesn’t fray, and burn a hole where the adjustment hole is needed. Warning on swing seat should face forward. This swing is intended for use by only one child at a time. After attaching swing to the chain, slide the frame leg poles into each leg of the end frame fitting and tighten the included set screws for each leg. The set screws use a 6 millimeter Allen wrench. Make sure set screws are tight. Make sure that pipes are all far enough in frame fittings holes to stabilize frame. After frame is all assembled, have multiple people lift structure and rotate structure, so that it is upright. Measure distances between legs, then, drive stakes into the ground at the correct distances for each pipe at the location of the swing set as you have determined above. Dig holes until you have the correct number of holes. Dig holes that are two feet deep and two feet in diameter. Place a brick in the bottom of each hole with the widest edge facing up. The bricks will prevent the swing set from sinking in the dirt. Set the swing set in place. Lift the set and do not drag. Make sure there is at least four inches of space around the entire end of pipe, so that concrete will surround the pipe. Hold a level on the top bar of the swing set. Add gravel under each brick to adjust the height as needed. Pour the contents of two 80-lb. bag of concrete into the wheelbarrow. Add the recommended amount of water to the concrete, and mix with the shovel until there is no dry material. Shovel the mixed concrete into a hole. Smooth the concrete with a trowel. Add dirt if necessary to fill hole, leaving enough space for surfacing. Repeat this step for each hole. Allow the concrete to dry for twenty-four hours, and check for sturdiness before allowing children to use swing set. Try swinging seat without child in it first to make sure everything is working correctly before placing child in seat.

Before allowing children to use set, install adequate surrounding under swing sets to prevent injury from falls. Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be placed, as there may be some variance in leg spacing. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age. Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the mission of the U.S. Consumer Product Safety Commission to protect the public from unreasonable risks of serious injury, and to minimize the hazards of products under consumer use. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not use wet. Do not allow swing to be used if damaged. Remove harness when not in use, as the harness may pose a strangulation danger if attached to the swing and not being used.

Maintenance:

At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in swings or other accessories. Check that set screws are tight on frame fittings. Check that frame is sturdy and does not rock from side to side or rock to or fro. Make sure concrete is still secure and does not have any cracks. Check your swing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tight connections. Do not drag. Take a wire brush or piece of steel wool and scrub rust from metal surfaces. Please, check for vandalism. Replace parts if necessary. Check resilient surfacing for appropriate density and thickness. Maintaining adequate surfacing is extremely important in reducing injuries. Maintain detailed inspection and maintenance records for public-use playground equipment. Any damage from vandalism, abuse or misuse VOIDS all warranties.
FRAME S81NS - Standard Set – No Swing - 1 Bay - Residential

This frame is for an in ground standard 8' high set. You will need to specify colors for the End Frame Fittings. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Recommended conditions may require replacement sooner.

TOOLS AND PARTS NEEDED:
Ladder, ¾" wrench, Ratchet socket wrench, Tape measure, A5750 supplied Allen wrench for shackles, and 6mm Allen wrench for set screws. Stakes for marking holes. Shovel, Bricks, Gravel, Wheelbarrow for mixing concrete, Water, Concrete, Trowel, Level, Warning signs. Protective surfacing according to ASTM F1292 for a fall height of 8'.

PARTS INCLUDED ARE:
A2925 – 2 blue or green   Pipe Legs A – B - 11.5' - 4
A2014 – 2                     Top Rail 6" - 1
A5750 – 1                     

MEASUREMENTS FOR SWING FRAME:
The legs are 150' apart lengthwise at ground level. The legs are 93" wide at ground level. Below ground, the legs are 165" lengthwise and the width below ground is 115". Height is 8'

**INSTALLATION, SAFE USE & MAINTENANCE INSTRUCTIONS**

IMPORTANT: To keep children safe from harm, follow these precautions and instructions when installing, using, or maintaining this playground equipment. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpscpub/pubs/324.pdf.

Installation: Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult Figure 23, Table 7 for commercial swing sets if upgrading to a commercial swing. For residential sets see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections. Lay out all the pipes and end frame fittings on the ground about two feet from where you have determined you want to place your swing set. Do not dig holes until frame is assembled, as there may be some variance in leg spacing. Slide the two end frame fittings on each end of the top pole with the two legs of the end frame fittings, pointing down. You may have to force pipes into end pipe openings. Tighten the two included set screws on the top of each of the end frame fittings, using the 6mm Allen wrench. Attach swing hangers. The hangers should be spaced 2 ft. from the end of the set and 2 ft. apart. Place the two halves of the hanger around the top of the hanger and the threads facing downwards with the nuts on the bottom. Using a ratchet socket wrench and with no more than 50 lbs. of torque, tighten the side bolts. After tightening, the threads should not be showing more than two threads past the nut, and the hanger should fit snugly on the pipe. Grease or oil bushings if squeaking noises are heard. Use the A5750 to open shackle bolt on the bottom of the shackle pendulum. Close according to Figure 19 for Fastening Devices. Slide the frame leg poles into each leg of the end frame fitting and tighten the included set screws for each leg. The set screws use a 6 millimeter Allen wrench. Make sure set screws are tight. Make sure that pipes are all far enough in frame fittings holes to stabilize frame. After frame is all assembled, have multiple people lift structure and rotate structure, so that it is upright. Measure distances between legs, then, drive stakes into the ground at the correct distances for each pipe at the location of the swing set as you have determined above. Dig holes until you have the correct number of holes. Dig holes that are two feet deep and two feet in diameter. Place a brick in the bottom of each hole with the widest edge facing up. The bricks will prevent the swing set from sinking in the dirt. Set the swing set in place. Lift the set and do not drag. Make sure there is at least four inches of space around the entire end of pipe, so that concrete will surround the pipe. Hold a level on the top bar of the swing set. Add gravel under each brick to adjust the height as needed. Pour the contents of two 80-lb. bags of concrete into the wheelbarrow. Add the recommended amount of water to the concrete, and mix with the shovel until there is no dry material. Shovel the mixed concrete into a hole. Smooth the concrete with a trowel. Add dirt if necessary to fill hole, leaving enough space for surfacing. Repeat this step for each hole. Allow the concrete to dry for twenty-four hours, and check for sturdiness before allowing children to use swing set. Try swinging seat without child in it first to make sure everything is working correctly before placing child in seat.

Before allowing children to use set, install adequate surfacing under swing sets to prevent injury from falls. Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age. Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mainspring.com/~safeplay/

Safe Use: This set is for children 12 years old only. Adults should supervise children at all times. Do not allow children to stand or kneel on seat or use unsafely. Do not allow swing to be used if damaged. Do not use if wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging. Tell children not to get off swing until it has stopped completely.

Maintenance: At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in swings or other accessories. Check that set screws are tight on frame fittings. Check that frame is sturdy and does not rock from side to side or rock to or fro. Make sure concrete is still secure and that footing surface is not a tripping hazard. Check for rusty or worn chain. Check to make sure shackles are closed properly. Check to see if all lite bearing in swing hanger pendulum is worn or cracking. When worn or cracked, replace pendulum. Check to make sure all lock nuts are tight. Check that screws are secure. Check for rust. Take a wire brush or piece of steel wool and scrub rust from metal surfaces. Please, check for vandalism. Replace parts if necessary. Check resilient surfacing for appropriate depth and cleanliness. Maintaining adequate surfacing is extremely important in reducing injuries. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
FRAME 581c - Standard Set – 1 Swing - 1 Bay - Commercial

This frame is for an in ground standard 8’ high set. You will need to specify colors for the End Frame Fittings, Swing Chain and the Commercial Swing Seat. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

TOOOLS AND PARTS NEEDED:
Ladder, ½" wrench, Ratchet socket wrench, Tape measure, A5750 supplied Allen wrench for shackles, and 8mm Allen wrench for set screws. Stakes for marking holes. Shovel, Bricks, Gravel, Wheelbarrow for mixing concrete, Water, Concrete, Trowel, Level, Warning signs. Protective surfacing according to ASTM F1292 for a fall height of 8’.

PARTS INCLUDED ARE:
A2925 – 2 blue or green A1600 – 1 black, blue, green, red or yellow
A2014 – 2 A7700 – 2 blue, green, red or yellow
A5700 – 2 Pipe leg A11.5 – 4
A5750 – 1 Top Rail 6" – 1

MEASUREMENTS FOR SWING FRAME:
The legs are 150” apart lengthwise at ground level. The legs are 93” wide at ground level. Below ground, the legs are 165” lengthwise and the width below ground is 115". Height is 8’

**INSTALLATION, SAFE USE & MAINTENANCE INSTRUCTIONS**

IMPORTANT: To keep children safe from harm, follow these precautions and instructions when installing, using, or maintaining this playground equipment. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpscpub/pubs/324.pdf.

Installation: Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult Figure 23, Table 7 for commercial swing sets. For residential sets see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised.

Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpentry and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections.

Lay out all the pipes and end frame fittings on the ground about two feet from where you have determined you want to place your swing set. Do not dig holes until frame is assembled. There is some variance in leg spacing. Slide the two end frame fittings on each end of the top pole with the two legs of the end frame fittings, pointing down. You may have to force pipes into end pipe openings. Tighten the two included set screws on the top of each of the end frame fitting, using the 6mm Allen wrench. Attach swing hangers. The hangers should be spaced 2 ft. from the end of the set and 2 ft. apart. Place the two halves of the hanger around the top rail of the swing set. The swinging shackle pendulum will be facing downwards. The side bolts are placed with the heads on the top of the hanger and the threads facing downwards with the nuts on the bottom. Using a ratchet wrench and a nut with no more than 50 lbs. of torque, tighten the side bolts. After tightening, the threads should not be showing more than two threads past the nut, and the hanger should fit snugly on the pipe. Grease or oil bushings if squeaking noises are heard. Use the A57/50 to open shackle bolt on the bottom of the shackle pendulum. Slide chain on the bolt and then tighten in the hanger until snug. You may have to force bolt through coating on chain. Close according to Figure A1.19 for Fastening Devices. You can now attach swing to the bottom of the chain with shackles. The swing is intended for children from four to twelve years old. Warning on swing seat should face upward. This swing is intended for use by only one child at a time. Measure each side of swing chain before attaching to make sure that the swing will hang evenly. Attach the bottom of each chain to the large metal triangle on swing seat with a shackle. The bolt on shackle goes through the chain with “C” part of shackle going through triangular hardware on swing seat. Use the A57/50 to open shackle bolt. Slide the shackle onto the swing hardware, and then slide the bolt through the bottom of the chain. Tighten the bolt into the shackle unevenly. You may have to force bolt through coating on chain. Close according to Figure A1.19 for Fastening Devices. After attaching swing to the chain, slide the frame leg poles into each leg of the end frame fitting and tighten the included set screws for each leg. The set screws use a 6 millimeter Allen wrench. Make sure set screws are tight. Make sure that pipes are all far enough in frame fittings holes to stabilize frame. After frame is all assembled, have multiple people lift structure and rotate structure, so that it is upright. Measure distances between legs, then, drive stakes into the ground at the correct distances for each pipe at the location of the swing set as you have determined above. Dig holes until you have the correct number of holes. Dig holes that are two feet deep and two feet in diameter. Place a brick in the bottom of each hole with the widest edge facing up. The bricks will prevent the swing set from sinking in the dirt. Set the swing set in place. Lift the set and do not drag. Make sure there is at least four inches of space around the entire end of pipe, so that concrete will surround the pipe. Hold a level on the top bar of the swing set. Add gravel under each brick to adjust the height as needed. Pour the contents of two 80-lb. bag of concrete into the wheelbarrow. Add the recommended amount of water to the concrete, and mix with the shovel until there is no dry material. Shovel the mixed concrete into a hole. Smooth the concrete with a trowel. Add dirt if necessary to fill hole, leaving enough space for surfacing. Repeat this step for each hole. Allow the concrete to dry for twenty-four hours, and check for4

Before allowing children to use set, install adequate surfacing under swing sets to prevent injury from falls. Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the "CPSC warning label" and "CPSC Compliance with ASTM F1292." Owner/Operator shall post warning signs on the CPSC notice that the CPSC requires. Signs shall state the owner/operator of the swing set is responsible for using this equipment safely. The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the "CPSC warning label" and "CPSC Compliance with ASTM F1292." Owner/Operator shall post warning signs on the CPSC notice that the CPSC requires. Signs shall state the owner/operator of the swing set is responsible for using this equipment safely.

Safe Use: This seat is for children 4-12 years old only. Not for Adults. Adults should supervise children at all times. Do not allow children to stand or kneel on seat or use unsafely.

Do not allow swing to be used if damaged. Do not use if wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging. Tell children not to get off swing until it has stopped completely.

Maintenance: At beginning of each week and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in swings or other accessories. Check that set screws are tight on frame fittings. Check that frame is sturdy and does not rock from side to side or rock to or fro. Make sure concrete is still secure and that footing surface is not a tripping hazard. Check for rusty or worn chain. Check to make sure shackles are closed properly. Check to see if oil is sole bearing in swing hanger pendulum is worn or cracking. When worn or cracked, replace pendulum. Check to make sure all lock nuts are tight. Check that screws are secure. Check for rust. Take a wire brush or piece of steel wool and scrub rust from metal surfaces. Please check for vandalism. Replace parts if necessary. Check resilient surfacing for appropriate depth and cleanliness. Maintain adequate surfacing is extremely important in reducing injuries. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse voids all warranties.
TOOL AND PARTS NEEDED:
Ladder, ½" wrench, Ratchet socket wrench, Tape measure, A5750 supplied Allen wrench for shackles, and 6mm Allen wrench for set screws. Stakes for marking holes.

PARTS INCLUDED ARE:
A2025 – 2 blue or green
A1810 – 2 blue, green, red or yellow
A2014 – 4
A7700 – 4 blue, green, red or yellow
A5752 – 4
Pipe Legs A – B - 11.5" - 4
A5750 – 1
Top Rail 10" – 1

MEASUREMENTS FOR SWING FRAME:
The legs are 203" apart lengthwise at ground level. The legs are 93" wide at ground level. Below ground, the legs are 220" lengthwise and the width below ground is 115". Height is 8'

**INSTALLATION, SAFE USE & MAINTENANCE INSTRUCTIONS**

IMPORTANT: To keep children safe from harm, follow these precautions and instructions when installing, using, or maintaining this playground equipment. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/CPSCPubs/pubs/324.pdf

Installation: Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult Figure 23, Table 7 for commercial swing sets if upgrading to a commercial swing. For residential sets see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can be easily supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections. Lay out all the pipes and end frame fittings on the ground about two feet from where you have determined you want to place your swing set. Do not dig holes until frame is assembled, as there may be some variance in leg spacing. Slide the two end frame fittings on each end of the top pole with the two legs of the end frame fittings, pointing down. You may have to force pipes into end pipe openings. Tighten the two included set screws on the top of each of the end frame fitting, using the 6mm Allen wrench. Attach swing hangers. The hangers should be spaced 2 ft. from the end of the set and 2 ft. apart. Place the two halves of the hanger around the top rail of the swing set. The swinging shackle pendulum will be facing downwards. The side bolts are placed with the heads on the top of the hanger and the threads facing downwards with the nuts on the bottom. Using a ratchet wrench, and with no more than 50 lbs. of torque, tighten the side bolts. After tightening, the threads should not be showing more than two threads past the nut, and the hanger should fit snugly on the pipe. Grease or oil bushings if squeaking noises are heard. Use the A5750 to open shackle bolt on the bottom of the shackle pendulum. Slide chain on the bolt and then tighten in the hanger until snug. You may have to force bolt through coating on chain. Close according to Figure A1.19 for Fastening Devices. You can now attach a swing to the bottom of the chain with shackles. This swing is intended for children four years to twelve years old. This swing must be installed a minimum of twelve inches from resilient surfacing. Warning on swing seat should face upward, so that the warning can be read easily. Measure each side of the swing chain, so the swing hangs evenly. WARNING: THIS SWING REQUIRES EITHER A LARGE END S-HOOK OR AN H-SHACKLE TO CONNECT SWING TO CHAIN. NOT USING NAMED FASTENERS CAN RESULT IN SEAT BREAKING AND CHILD BEING INJURED. Attach the large end of h-shackle through round hole on each end of swing seat, and then attach small part of h-shackle to chain. Close according to Figure A1.19 for Fastening Devices. Try swinging seat without child in it first to make sure everything is working correctly before placing child in seat. This swing is intended for use by only one child at a time. The use zone for a belt swing should extend to the front and rear of a single-axis swing a minimum distance of twice the vertical distance from the pivot point and the top of the protective surface beneath it. Attach the second swing two feet further on the pipe using the same method as the first swing. After attaching swings to the pipe, slide the frame leg poles into each leg of the end frame fitting and tighten the included set screws for each leg. The set screws use a 6 millimeter Allen wrench. Make sure that pipes are all far enough in frame fittings holes to stabilize frame. After frame is all assembled, have multiple people lift structure and rotate structure, so that it is upright. Measure distances between legs, then, drive stakes into the ground at the correct distances for each pipe at the location of the swing set as you have determined above. Dig holes until you have the correct number of holes. Dig holes that are two feet deep and two feet in diameter. Place a brick in the bottom of each hole with the widest edge facing up. The bricks will prevent the swing set from sinking in the dirt. Set the swing set in place. Lift the set and do not drag. Make sure there is at least four inches of space around the entire end of pipe, so that concrete will surround the pipe. Hold a level on the top bar of the swing set. Add gravel under each brick to adjust the height as needed. Pour the contents of two 80-lb bag of concrete into the wheelbarrow. Add the recommended amount of water to the concrete, and mix with the shovel until there is no dry material. Shovel the mixed concrete into a hole. Smooth the concrete with a trowel. Add dirt if necessary to fill hole, leaving enough space for surfacing. Repeat this step for each hole. Allow the concrete to cure for twenty-four hours, and check for sturdiness before allowing children to use swing set. Try swinging seat without child in it first to make sure everything is working correctly before placing child in seat.

Before allowing children to use set, install adequate surfacing under swing sets to prevent injury from falls. Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age. Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay/

Safe Use: This seat is for children 4-12 years old only. Not for Adults. Adults should supervise children at all times. Do not allow children to stand or kneel on seat or use unsafely. Do not allow swing to be used if damaged. Do not use if wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging. Tell children not to get off swing until it has stopped completely.

Maintenance: At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in swings or other accessories. Check that set screws are tight on frame fittings. Check that frame is sturdy and does not rock from side to side or rock to or fro. Make sure concrete is still secure and that footing surface is not in tripping hazard. Check for rust on chain. Check to see if oil lite bearing is free of grease. When the swing hanger pendulum is worn or cracking. When worn or cracked, replace pendulum. Check to make sure all lock nuts are tight. Check that screws are secure. Check for rust. Take a wire brush or piece of steel wool and scrub rust from metal surfaces. Please, check for vandalism. Replace parts if necessary. Check resilient surfacing for appropriate depth and cleanliness. Maintaining adequate surfacing is extremely important in reducing injuries. Maintain detailed inspection and maintenance records for public-use playground equipment. Any damage from vandalism, abuse or misuse VOIDS all warranties.

FRAME S82 – Standard Set – 2 Swings - 1 Bay – Residential

This frame is for an in ground 8' high set with two Residential Swing Seats. You will need to specify colors for the End Frame Fittings, Chains, and Swing Seats. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
This frame is for an in ground standard 8' high set. You will need to specify colors for the End Frame Fittings and the two ADAs. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

Tools and Parts Needed:
- Ladder, ¾” wrench, Ratchet socket wrench, Tape measure, A5750 supplied Allen wrench for shackles, and 8mm Allen wrench for set screws. Stakes for marking holes.
- Shovel, Bricks, Gravel, Wheelbarrow for mixing concrete, Water, Concrete, Trowel, Level, Warning signs. Protective surfacing according to ASTM F1292 for a fall height of 8’.

Parts Included Are:
- A2925 – 2 blue or green
- A2014 – 4
- A7500 – 4
- Pipe Legs A – B - 11.5” – 4
- A7530 – 4
- Top Rail 10” - 1
- A7550 – 4

Measurements for Swing Frame:
The legs are 203” apart lengthwise at ground level. The legs are 93” wide at ground level. Below ground, the legs are 220” lengthwise and the width below ground is 115”. Height is 8’

**Installation, Safe Use & Maintenance Instructions**

Important:
To keep children safe from harm, follow these precautions and instructions when installing, using, or maintaining this playground equipment. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpscpub/pubs/324.pdf.

Installation:
Read all instructions before attempting assembly. To determine proper use zones for swing set consult Figure 23, Table 7 for commercial swing sets if upgrading to a commercial swing. For residential sets see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are especially not adequate protective surfacing. Install your play equipment on level ground with adequate surface and anchoring. Use proper hardware, and tighten all connections. Lay out all the pipes and end frame fittings on the ground about two feet from where you have determined you want to place your swing set. Do not dig holes into the ground unless specifically needed, as there is too much variation. Slide the two end frame fittings on each end of the top pole with the two legs of the end frame fittings, pointing down. You may have to force pipes into end pipe openings. Tighten the two included set screws on the top of each of the end frame fitting, using the 6mm Allen wrench. Attach swing hangers. The hangers should be spaced 2 ft. from the end of the set and 2 ft. apart. Place the two halves of the hanger around the top rail of the swing set. The swing ring pendulum will be facing downwards. The side bolts are placed with the heads on the top of the hanger and the threads facing downwards with the nuts on the bottom. Using a ratchet socket wrench and with no more than 50 lbs. of torque, tighten the side bolts. After tightening, the threads should not be showing more than two threads past the nut, and the hanger should fit snugly on the pipe. Grease or oil bushings if squeaking noises are heard. Use the A5750 to open shackles bolt on the bottom of the pendulum bracket. Slide chain on the bolt and then tighten in the hanger until snug. Close according to Figure A1.19 for Fastening Devices. If you wish to adjust the angle of the swing for the child’s needs, it can easily be done by undoing the h shackle that connects the v-shaped chain and moving the h shackle either higher or lower on the v of the chain. This will allow the swing to either be more upright or more horizontal, depending upon where the second piece of chain is attached to the v-shaped chain. Re-attach the h shackle with the enclosed washer to both chains. There are multiple buckles to adjust the harness. If the crotch strap on the harness is too big, take a soldering iron, so harness strap does not fray, and burn a hole where the adjustment hole is needed. Warning on swing seat should face forward. This swing is intended for use by only one child at a time. Attach the second swing’s two feet further on the pipe using the same method as the first swing. After attaching swings to the pipe, slide the frame legs poles into each leg of the end frame fitting and tighten the included set screws for each leg. The set screws use a 6 millimeter Allen wrench. Make sure set screws are tight. Make sure pipes are all far enough in frame fittings holes to stabilize frame. After frame is all assembled, have multiple people lift structure and rotate structure, so that it is upright. Measure distances between legs, then, drive stakes into the ground at the correct distance for each pipe at the location of the swing set as you have determined above. Dig holes until you have the correct number of holes. Dig holes that are two feet deep and two feet in diameter. Place a brick in the bottom of each hole with the widest edge facing up. The bricks will prevent the swing set from sinking in the dirt. Set the swing set in place. Lift the set and do not drag. Make sure there is at least four inches of space around the entire end of pipe, so that concrete will surround the pipe. Hold a level on the top bar of the swing set. Add gravel under each brick to adjust the height as needed. Pour the contents of two 80-lb. bag of concrete into the wheelbarrow. Add the recommended amount of water to the concrete, and mix with the shovel until there is no dry material. Shovel the mixed concrete into a hole. Smooth the concrete with a trowel. Add dirt if necessary to fill hole, leaving enough space for surfacing. Repeat this step for each hole. Allow the concrete to dry for twenty-four hours, and check for стurdiness before allowing children to use swing set. Try swinging seat without child in it first to make sure everything is working correctly before placing child in seat.

Before allowing children to use set, install adequate surfacing under swing sets to prevent injury from falls. Protective surfacing that meets ASTM F1292 must be installed. If playground equipment extends at least the distance of the feet from the swing set, then a foot mat or polyethylene sheeting may be used. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow a set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to cause head entrapment or entanglement hazards. Where applicable, hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay/
**FRAME S82NS - Standard Set – No Swings – 1 Bay - Residential**

This frame is for an in ground standard 8’ high set. This does come with swing hangers. You will need to specify colors for the End Frame Fittings. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

**TOOLS AND PARTS NEEDED:**
- Ladder, ¼” wrench, Ratchet socket wrench, Tape measure, A5750 supplied Allen wrench for shackles, and 6mm Allen wrench for set screws. Stakes for marking holes. Shovel, Bricks, Gravel, Wheelbarrow for mixing concrete, Water, Concrete, Trowel, Level, Warning signs. Protective surfacing according to ASTM F1292 for a fall height of 8’.

**PARTS INCLUDED ARE:**
- A2025 – 2 blue or green Pipe Legs A – B - 11.5’ - 4
- A2014 – 4 Top Rail 10’ - 1
- A5750 – 1

**MEASUREMENTS FOR SWING FRAME:** The legs are 203” apart lengthwise at ground level. The legs are 93” wide at ground level. Below ground, the legs are 220” lengthwise and the width below ground is 115”. Height is 8’

**INSTALLATION, SAFE USE & MAINTENANCE INSTRUCTIONS**

**IMPORTANT:** To keep children safe from harm, follow these precautions and instructions when installing, using, or maintaining this playground equipment. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpscpub/pubs/324.pdf.

**Installation:** Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult Figure 23, Table 7 for commercial swing sets if upgrading to a commercial swing. For residential sets see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections. Lay out all the pipes and end frame fittings on the ground around two feet from where you have determined you want to place your swing set. Do not dig holes until frame is assembled, as there may be some variance in leg spacing. Slide the two end frame fittings on each end of the top pole with the two legs of the end frame fittings, pointing down. You may have to force pipes into end pipe openings. Tighten the two included set screws on the top of each of the end frame fitting, using the 6mm Allen wrench. Attach swing hangers. The hangers should be spaced 2 ft. from the end of the set, and 2 ft. apart. Place the two halves of the hanger around the top rail of the swing set. The swinging shackle pendulum will be facing downwards. The side bolts are placed with the heads on the top of the hanger and the threads facing downwards with the nuts on the bottom. Using a ratchet socket wrench and with no more than 50 lbs. of torque, tighten the side bolts. After tightening, the threads should not be showing more than two threads past the nut, and the hanger should fit snugly on the pipe. Grease or oil bushings if squeaking noises are heard. Use the A5750 to open shackle bolt on the bottom of the shackle pendulum. Close according to Figure A1.19 for Fastening Devices. Slide the frame leg poles into each leg of the end frame fitting and tighten the included set screws for each leg. The set screws use a 6 millimeter Allen wrench. Make sure set screws are tight. Make sure that pipes are all far enough in frame fittings holes to stabilize frame. After frame is all assembled, have multiple people lift structure and rotate structure, so that it is upright. Measure distances between legs, then, drive stakes into the ground at the correct distances for each pipe at the location of the swing set as you have determined above. Dig holes until you have the correct number of holes. Dig holes that are two feet deep and two feet in diameter. Place a brick in the bottom of each hole with the widest edge facing up. The bricks will prevent the swing set from sinking in the dirt. Set the swing set in place. Lift the set and do not drag. Make sure there is at least four inches of space around the entire end of pipe, so that concrete will surround the pipe. Hold a level on the top bar of the swing set. Add gravel under each brick to adjust the height as needed. Pour the contents of two 80-lb. bag of concrete into the wheelbarrow. Add the recommended amount of water to the concrete, and mix with the shovel until there is no dry material. Shovel the mixed concrete into a hole. Smooth the concrete with a trowel. Add dirt if necessary to fill hole, leaving enough space for surfacing. Repeat this step for each hole. Allow the concrete to dry for at least 24 hours, and check for sturdiness before allowing children to use swing set. Try swinging seat without child in it first to make sure everything is working correctly before placing child in seat.

Before allowing children to use set, install adequate surfacing under swing sets to prevent injury from falls. Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set.

**Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.**

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. . Signs should be posted that state the appropriate age group for the swing set. **Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards.**

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay/

**Safe Use:** This is set is for children 2-12 years old only. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or kneel on seat or use unsafely. Do not allow swing to be used if damaged. Do not use if wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging. Tell children not to get off swing until it has stopped completely.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in swings or other accessories. Check that set screws are tight on frame fittings. Check that frame is sturdy and does not rock from side to side or rock to or fro. Make sure concrete is still secure and that footing surface is not a tripping hazard. Check for rusty or worn chain. Check to make sure shackles are closed properly. Check to see if oil lite bearing in swing hanger pendulum is worn or cracking. When worn or cracked, replace pendulum. Check to make sure all lock nuts are tight. Check that screws are secure. Check for rust. Take a wire brush or piece of steel wool and scrub rust from metal surfaces. Please, check for vandalism. Replace parts if necessary. Check resilient surfacing for appropriate depth and cleanliness. Maintaining adequate surfacing is extremely important in reducing injuries. Maintain detailed inspection and maintenance records for public-use playground equipment.
Any damage from vandalism, abuse or misuse VOIDS all warranties.
FRAME S82c - Standard Set – 2 Swings - 1 Bay - Commercial

This frame is for an in ground standard 8’ high set. You will need to specify colors for the End Frame Fittings, Swing Chain and the Commercial Swing Seats. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

TOOLS AND PARTS NEEDED:
Ladder, ¼" wrench, Ratchet socket wrench, Tape measure, A5750 supplied Allen wrench for shackles, and 6mm Allen wrench for set screws. Stakes for marking holes. Shovel, Bricks, Gravel, Wheelbarrow for mixing concrete, Water, Concrete, Trowel, Level, Warning signs. Protective surfacing according to ASTM F1292 for a fall height of 8’.

PARTS INCLUDED ARE:
A2925 – 2 blue or green
A1600 – 2 black, blue, green, red, tan or yellow
A3014 – 4
A7700 – 4 blue, green, red or yellow
A5700 – 4
Pipe Legs A – B - 11.5” - 4
A5750 – 1
Top Rail 10” – 1

MEASUREMENTS FOR SWING FRAME:
The legs are 203” apart lengthwise at ground level. The legs are 93” wide at ground level. Below ground, the legs are 220” lengthwise and the width below ground is 115”. Height is 8’

**INSTALLATION, SAFE USE & MAINTENANCE INSTRUCTIONS**

IMPORTANT: To keep children safe from harm, follow these precautions and instructions when installing, using, or maintaining this playground equipment. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpsc/pubss/324.pdf

Installation: Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult Figure 23, Table 7 for commercial swing sets. For residential sets see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections. Lay out all the pipes and end frame fittings on the ground about two feet from where you have determined you want to place your swing set. Do not dig holes until frame is assembled, as there may be some variance in leg spacing. Slide the two end frame fittings on each end of the top pole with the two legs of the end frame fittings, pointing down. You may use pipes into end pipe openings. Tighten the two included set screws on the top of each of the end frame fitting, using the 6mm Allen wrench. Attach swing hangers. The hangers should be spaced 2 ft. from the end of the set and 2 ft. apart. Place the two halves of the hanger around the top rail of the swing set. The swinging shackle pendulum will be facing downwards. The side bolts are placed with the heads on the top of the hanger and the threads facing downwards with the nuts on the bottom. Using a ratchet socket wrench and with no more than 50 lbs. of torque, tighten the side bolts. After tightening, the threads should not be showing more than two threads past the nut, and the hanger should fit snugly on the pipe. Grease or oil bushings if squeaking noises are heard. Use the A5750 to open shackle bolt on the bottom of the shackle pendulum. Slide chain on the bolt and then tighten in the hanger until you may have force to force bolt through coating on chain. Close according to Figure A1.19 for Fastening Devices. You can now attach swing to the bottom of the chain with shackles. The swing is intended for children from four to twelve years old. Warning on swing seat should face upward. This swing is intended for use by only one child at a time. Measure each side of swing chain before attaching to make sure that the swing will hang evenly. Attach the bottom of each chain to the large metal triangle on swing seat with a shackle. The bolt on shackle goes through the chain with “C” part of shackle going through triangular hardware on swing seat. Make sure that pipes are all far enough in frame fittings holes to stabilize frame. After frame is all assembled, have multiple people lift structure and rotate structure, so that it is upright. Measure distances between legs, then, drive stakes into the ground at the correct distances for each pipe at the location of the swing set as you have determined above. Dig holes until you have the correct number of holes. Dig holes that are two feet deep and two feet in diameter. Place a brick in the bottom of each hole with the widest edge facing up. The bricks will prevent the swing set from sinking in the dirt. Set the swing set in place. Lift the set and do not drag. Make sure there is at least four feet of space around the entire end of pipe, so that concrete will surround the pipe. Hold a level on the top bar of the swing set. Add gravel under each brick to adjust the height as needed. Pour the contents of two 80-lb. bag of concrete into the wheelbarrow. Add the recommended amount of water to the concrete, and mix with the shovel until there is no dry material. Shovel the mixed concrete into a hole. Smooth the concrete with a trowel. Add dirt if necessary to fill hole, leaving enough space for surfacing. Repeat this step for each hole. Allow the concrete to dry for twenty-four hours, and check for sturdiness before allowing children to use swing set. Try swinging seat without child in it first to make sure everything is working correctly before placing child in seat.

Before allowing children to use, install adequate surfacing under swing sets to prevent injury from falls. Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injury.

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This warning should be posted on other signs or labels outside the use zone. Signs should be posted that state the appropriate age group for the swing set.

For Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age. Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and warning instructions. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safeplay/.

Safe Use; This seat is for children 4-12 years old only. Not for Adults. Adults should supervise children at all times. Do not allow children to stand or kneel on seat or use unsafely. Do not allow swing to be used if damaged. Do not use if wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging. Tell children not to get off swing until it has stopped completely.

Maintenance: At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in swings or other accessories. Check that set screws are tight on frame fittings. Check that frame is sturdy and does not rock from side to side or rock to or fro. Make sure concrete is still secure and that footing surface is not a tripping hazard. Check for rusty or worn chain. Check to make sure shackles are closed properly. Check to see if all lite bearing in swing hanger parts are secure. Check for cracks or cracks in metal surfaces. Check for rust. Take a wire brush or piece of steel wool and scrub rust from metal surfaces. Please, check for vandalism. Replace parts if necessary. Check resilient surfacing for appropriate depth and cleanliness. Maintaining adequate surfacing is extremely important in reducing injuries. Maintain detailed inspection and maintenance records for public use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
FRAME S84 - Standard Set – 4 Swings - 2 Bay – Residential – ONLY

This frame is for an in ground 8’ high set with four Residential Swing Seats. You will need to specify colors for the End Frame Fittings, Chains, and Swing Seats. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

TOOLS AND PARTS NEEDED:
Ladder, 3/4", wrench, Ratchet socket wrench, Tape measure, A5750 supplied Allen wrench for shackles, and 8mm Allen wrench for set screws. Stakes for marking holes. Shovel, Bricks, Gravel, Wheelbarrow for mixing concrete, Water, Concrete, Trowel, Level, Warning signs. Protective surfacing according to ASTM F1292 for a fall height of 8’.

PARTS INCLUDED ARE:
A5252 – 2 blue or green
A2875 – 1 blue or green
A1810 – 4 blue, green, red or yellow
A7800 – 8 blue, green, red or yellow
Pipe Legs A – B - 11.5” – 4
Pipe Middles C – D – 10.75” - 2
Pipe Middle Legs C – D – 10.75” - 2
A5750 – 1 Top Rail 10” – 2

MEASUREMENTS FOR SWING FRAME: The end frame legs are 315” apart lengthwise at ground level. The end frame legs are 93” wide at ground level. Below ground, the end frame legs are 331” lengthwise and the width below ground is 115”. The distances from the middle leg to the end leg is 157” above ground. The width of the two middle legs are 66” above ground and 103” below ground. Height is 8”

**INSTALLATION, SAFE USE & MAINTENANCE INSTRUCTIONS**

IMPORTANT: To keep children safe from harm, follow these precautions and instructions when installing, using, or maintaining this playground equipment. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpsc/pubs/324.pdf.

Installation: Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult Figure 23, Table 7 for commercial swing sets if upgrading to a commercial swing. For residential sets see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections. Lay out all the pipes and frame fittings on the ground about two feet from where you have determined you want to place your swing set. Do not dig holes until frame is assembled, as there may be some variance in leg spacing. Slide the two end frame fittings on one end of each of the top poles with the legs of the end frame fittings, pointing down. You may have to force pipes into end pipe openings. Tighten the two included set screws on the top of each of the end frame fitting, using the 6mm Allen wrench. Attach swing hangers. The hangers should be spaced 2 ft. from the end of the set and 2 ft. apart. Place the two halves of the hanger around the top rail of the swing, making sure the hanger does not rub the steel or bowl the swing. The side bolts are placed with the heads on the end of the hanger and the threads facing downward, with the nuts on the bottom. Using a ratchet socket wrench and with no more than 50 lbs. of torque, tighten the side bolts. After tightening, the threads should not be showing more than two threads past the nut, and the hanger should fit snugly on the pipe. Grease or bushings if squeaking noises are heard. Use the A5750 to open shackle bolt on the bottom of the shackle pendulum. Slide chain on the bolt and then tighten in the hanger until snug. You may have to force bolt through coating on chain. Close according to Figure A1.19 for Fastening Devices. You can now attach a swing to the bottom of the chain with shackles. This swing is intended for children four years to twelve years old. This swing must be installed a minimum of twelve inches from resilient surfacing. Warning on swing seat should face upward, so that the warning can be read easily. Measure each side of swing chain, so the swing hangs evenly. WARNING: THIS SWING REQUIRES EITHER A LARGE END S-HOOK OR AN H-SHACKLE TO CONNECT SWING TO CHAIN. NOT USING NAMED FASTENERS CAN RESULT IN SEAT BREAKING AND CHILD BEING INJURED. Attach the large end of h-shackle through round hole on each end of swing seat, and then attach small part of h-shackle to chain. Close according to Figure A1.19 for Fastening Devices. Try swinging seat without child in it first to make sure everything is working correctly before placing child in seat. This swing is intended for use by only one child at a time. The use zone for a belt swing should extend to the front and rear of a single-axis swing a minimum distance of twice the vertical distance from the pivot point and the top of the protective surface beneath it. Attach the second swing two feet further on the pipe using the same method as the first swing. After attaching swings to the pipe, slide the frame leg poles into each leg of the end frame fitting and tighten the included set screws for each leg. The set screws use a 6 millimeter Allen wrench. Make sure set screws are tight. Take the middle frame fitting with the two legs pointing down. Do the same for the middle frame fitting, using the middle frame leg pipes. Then slide the unattached side of each of the top beam pipe ends into the middle frame fitting. Tighten with the included set screws for each leg. Make sure the screws are tight. Make sure that pipes are all far enough in frame fittings holes to stabilize frame. After frame is all assembled, have multiple people lift structure and rotate structure, so that it is upright. Measure distances between legs, then, drive stakes into the ground at the correct distances for each side of the end of the swing set as you have determined above. Dig holes until you have the correct number of holes. Dig holes that are two feet deep and two feet in diameter. Place a brick in the bottom of each hole with the widest edge facing up. The bricks will prevent the swing set from sinking in the dirt. Set the swing set in place. Lift the set and do not drag. Make sure there is at least four inches of space around the entire length of pipe, so that concrete will surround the pipe. Hold a level on the top bar of the swing set. Add gravel under each brick to adjust the height as needed. Pour the contents of two 80-lb. bag of concrete into the wheelbarrow. Add the recommended amount of water to the concrete, and mix with the shovel until there is no dry material. Shovel the mixed concrete into a hole. Smooth the concrete with a trowel. Add dirt if necessary to fill hole, leaving enough space for surfacing. Repeat this step for each hole. Allow the concrete to dry for twenty-four hours, and check for sturdiness before allowing children to use swing set. Try swinging seats without child in it first to make sure everything is working correctly before placing child in seat.

Before allowing children to use set, install adequate surfacing under swing sets to prevent injury from falls. Protective surfacing that meets ASTM F1292 must be installed under swing set and extends and at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries. The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color and specifications work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay/

Safe Use: This seat is for children 4-12 years old only. Not for Adults. Adults should supervise children at all times. Do not allow children to stand or kneel on seat or use unsafely. Do not allow swings to be used if damaged. Do not use if wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging. Tell children not to get off swing until it has stopped completely.

Maintenance: At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in swings or other accessories. Check that set screws are tight on frame fittings. Check that frame is sturdy and does not rock from side to side or rock to fro or fr. Make sure concrete is still secure and that footing surface is not a tripping hazard. Check for rusty or worn chain. Check to make sure shackles are closed properly. Check to see if all life bearing in swing hanger pendulum is worn or cracking. When worn or cracked, replace pendulum. Check to make sure all lock nuts are tight. Check that screws are secure. Check for rust. Take a wire brush or piece of steel wool and scrub rust from metal surfaces. Please, check for vandalism. Replace parts if necessary. Check resilient surfacing for appropriate depth and cleanliness. Maintaining adequate surfacing is extremely important in reducing injuries. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
Any damage from vandalism, abuse or misuse VOIDS all warranties.

Reducing injuries. Maintain detailed inspection and maintenance records for public-use playground equipment. Surfaces. Please, check for vandalism. Replace parts if necessary. Check or cracked, replace pendulum. Check to make sure all lock nuts are tight. Check that screws are secure. Check for rust. Take a wire brush or piece of steel wool and scrub rust from metal tripping hazard. Check for rusty or worn chain. Check to make sure shackles are closed properly. Check to see if oil lite bearing in swing hanger pendulum is worn or cracking. When worn that set screws are tight on frame fittings. Check that frame is sturdy and does not rock from side to side or rock to or fro. Make sure concrete is still secure and that footing surface is not a concrete into a hole. Smooth the concrete with a trowel. Add dirt if necessary to fill hole, leaving enough space for surfacing. Repeat this step for each hole. Allow the pipe, so that concrete will surround the pipe. Hold a level on the top bar of the swing set. Add gravel under each brick to adjust the height as needed. Pour the contents of two legs, then, drive stakes into the ground at the correct distances for each pipe at the location of the swing set as you have determined above. Dig holes until you have the frame fittings holes to stabilize frame. After frame is all assembled, have multiple people lift structure and rotate structure, so that it is upright. Measure distances between legs, then, drive stakes into the ground at the correct distances for each pipe at the location of the swing set as you have determined above. Dig holes until you have the correct number of holes. Dig holes that are two feet deep and two feet in diameter. Place a brick in the bottom of each hole with the widest edge facing up. The bricks will prevent the swing set from sinking in the dirt. Set the swing set in place. Lift the set and do not drag. Make sure there is at least four inches of space around the entire end of pipe, so that concrete will surround the pipe. Hold a level on the top bar of the swing set. Add gravel under each brick to adjust the height as needed. Pour the contents of two 80-lb. bag of concrete into the wheelbarrow. Add the recommended amount of water to the concrete, and mix with the shovel until there is no dry material. Shovel the mixed concrete into a hole. Smooth the concrete with a trowel. Add dirt if necessary to fill hole, leaving enough space for surfacing. Repeat this step for each hole. Allow the concrete to dry for twenty-four hours, and check for sturdiness before allowing children to use swing set. Try swinging seat without child in it first to make sure everything is working correctly before placing child in seat.

Before allowing children to use set, install adequate surfacing under swing sets to prevent injury from falls. Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and the twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

This frame is for an in ground 10' high set with two Residential Swing Seats. You will need to specify colors for the End Frame Fittings, Chains, and Swing Seats. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

**INSTALLATION, SAFE USE & MAINTENANCE INSTRUCTIONS**

**IMORTANT:** To keep children safe from harm, follow these precautions and instructions when installing, using, or maintaining this playground equipment. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpsspubpubs/324.pdf.

**PARTS INCLUDED ARE:**

A2502S – Blue or green
A2014 – 4
A7600 – 4 blue, green, red or yellow
A5725 – 4 Pipe Legs A – B - 14.21” - 4
A7570 – 1 Top Rail 10 – 1

**MEASUREMENTS FOR SWING FRAME:** The legs are 220” apart lengthwise at ground level. The legs are 115” wide at ground level. Below ground, the legs are 243” lengthwise and the width below ground is 140”. Height is 10’.

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay/

**Safe Use:** This seat is for children 4-12 years old only. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow swing to be used if damaged. Do not use if wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging. Tell children not to get off swing until it has stopped completely.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in swings or other accessories. Check that set screws are tight on frame fittings. Check that frame is sturdy and does not rock from side to side or rock to or fro. Make sure concrete is still secure and that footing surface is not a tripping hazard. Check for rusty or worn chain. Check to make sure shackles are closed properly. Check to see if oil lite bearing in swing hanger pendulum is worn or cracking. When worn or cracked, replace pendulum. Check to make sure all lock nuts are tight. Check that screws are secure. Check for rust. Take a wire brush or piece of steel wool and scrub rust from metal surfaces. Please, check for vandalism. Replace parts if necessary. Check resilient surfacing for appropriate depth and cleanliness. Maintaining adequate surfacing is extremely important in reducing injuries. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
**FRAME S104 – Standard Set – 4 Swing - 2 Bay – Residential - ONLY**

This frame is for an in ground '10' high set with four Residential Swing Seats. You will need to specify colors for the End Frame Fittings, Chains, and Swing Seats. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

**TOOLS AND PARTS NEEDED:**
- Ladder, 10' with 2 brackets and 2.5' set screw Allen wrench
- Tape measure, A5750 supplied Allen wrench for shackles, and 6mm Allen wrench for set screws, Stakes for marking holes, Shovel, Bricks, Gravel, Wheelbarrow for mixing concrete, Water, Concrete, Trowel, Level, Warning signs. Protective surfacing according to ASTM F1292 for a fall height of 10'.

**PARTS INCLUDED ARE:**
- A2925 – 2 blue or green
- A1810 – 4 blue, green, red or yellow
- A2975 – 1 blue or green
- A7600 – 8 blue, green, red or yellow
- A2014 – 8 Pipe Legs
- A5792 – 8 Pipe
- A5725 – 8 Pipe Middle Legs C – D - 12.84' - 2
- A5750 – 1 Top Rail 10' – 2

**MEASUREMENTS FOR SWING FRAME:** The end frame legs are 331" apart lengthwise at ground level. The end frame legs are 115" wide at ground level. Below ground, the end frame legs are 347" lengthwise and the width below ground is 140". The distances from the middle leg to the end leg is 165" above ground. The width of the two middle legs is 104" above ground and 124" below ground. Height is 10'

**INSTALLATION, SAFE USE & MAINTENANCE INSTRUCTIONS**

**IMPORTANT:** To keep children safe from harm, follow these precautions and instructions when installing, using, or maintaining this playground equipment. You can also call us at 1-800-433-2573 for more information or see [http://www cpsc.gov/cpsccpubs/jubs/324.pdf](http://www cpsc.gov/cpsccpubs/jubs/324.pdf).

**Concrete:***
- Level and compact the area where the concrete will be poured. Excavate the area to a depth of one foot. Place two bricks inside the hole to add structural support to the frame. The hole should be 2' deep, 2' wide, and 10' long. Pour the concrete into the hole. Smooth the surface with a trowel. Allow the concrete to cure for at least 24 hours. The concrete should be hard enough to support the weight of the frame.

**MEASUREMENTS FOR SWING FRAME:**

- A5750 – 1 Top Rail 10' – 2
- A2014 – 16 Pipe Legs
- A5725 – 8 Pipe Middle Legs A – B - 14.21' - 4
- A2975 – 8 Pipe
- A5792 – 8 Pipe
- A5750 – 1 Top Rail 10' – 2

**Nuts:**
To prevent rust and corrosion, if installing the swing set on a concrete pad, use A5750 supplied Allen wrench for shackles, and 6mm Allen wrench for set screws, Stakes for marking holes, Shovel, Bricks, Gravel, Wheelbarrow for mixing concrete, Water, Concrete, Trowel, Level, Warning signs. And refer to [http://www.cpsc.gov/cpsccpubs/jubs/324.pdf](http://www.cpsc.gov/cpsccpubs/jubs/324.pdf) for more information.

**Safety:**
- **Attention:** This swing requires either a large end s-hook or an H-shackle to connect swing to chain. Not using named fasteners can result in seat breaking and child being injured. Attach the large end of h-shackle through round hole on each side of swing chain, so the swing hangs evenly. Warning: This swing requires either a large end s-hook or an H-shackle to connect swing to chain. Not using named fasteners can result in seat breaking and child being injured. Attach the large end of h-shackle through round hole on each end of swing seat, and then attach small part of h-shackle to chain. Close according to Figure A1.19 for Fastening Devices. Try swinging seat without child in it first to make sure everything is working correctly before placing child in seat. This swing is intended for use by only one child at a time. The use zone for a belt swing should extend to the front and rear of a single-axis swing a minimum distance of twice the vertical distance from the pivot point and the top of the protective surface beneath it. Attach the second swing two feet further on the pipe using the same method as the first swing. After attaching swings to the pipe, slide the frame leg poles into each leg of the end frame fitting and tighten the included set screws for each leg. The set screws use a 6 millimeter Allen wrench. Make sure set screws are tight. Take the middle frame fitting with the two legs pointing down. Do the same for the middle frame fitting, using the middle frame leg pipes. Then slide the unattached side of each of the top beam pipe ends into the middle frame fitting. Tighten with the included set screws for each leg. Make sure the screws are tight. Make sure that pipes are all far enough in frame fittings holes to stabilize frame. After frame is all assembled, have multiple people lift structure and rotate structure, so that it is upright. Measure distances between legs, then, drive stakes into the ground at the correct distances for each pipe of the swing set as you have determined above. Dig holes until you have the correct number of holes. Dig holes that are two feet deep and two feet in diameter. Place a brick in the bottom of each hole with the widest edge facing up. The bricks will prevent the swing set from sinking in the dirt. Set the swing set in place. Lift the set and do not drag. Make sure there is at least four inches of space around the entire end of pipe, so that concrete will surround the pipe. Hold a level on the top bar of the swing set. Add gravel under each brick to adjust the height as needed. Pour the contents of two 50-lb, bag of concrete into the wheelbarrow. Add the recommended amount of water to the concrete, and mix with the shovel until there is no dry material. Shovel the mixed concrete into a hole. Smooth the mixture around with a trowel. Add dirt if necessary to fill the hole, leaving enough space for surfacing. Repeat this step for each hole. Allow the concrete to dry for twenty-four hours, and check for stubbornness before allowing children to use swing set. Try swinging seats without child in it first to make sure everything is working correctly before placing child in seat.

**Before allowing children to use set, install adequate surfacing under swing sets to prevent injury from falls.** Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to cause entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

Specifications for all warning signs or labels should conform to ANSI Z35.1 and ANSI Z35.1 or ANSI Z35.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/ operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at [http://www.mindspring.com/]-safetypaly.

**Safe Use:** This seat is for children 4-12 years old only. Not for Adults. Adults should supervise children at all times. Do not allow children to stand or kneel on seat or use unsafely. Do not allow swing to be used if damaged. Do not use if wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chairs tightly in each hand while swinging. Tell children not to get off swing until it has stopped completely.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in swings or other accessories. Check that set screws are tight on frame fittings. Check that frame is sturdy and does not rock from side to side or rock to or fro. Make sure concrete is still secure and that footing surface is not a tripping hazard. Check for rusty or worn chains. Check to make sure shackles are closed properly. Check to see if oiling swing hanger pendulum is worn or cracking. When worn or cracked, replace pendulum. Check to make sure all lock nuts are tight. Check that screws are secure. Check for rust. Take a wire brush or piece of steel wool and scrub rust from metal surfaces. Please, check for vandalism. Replace parts if necessary. Check resilient surfacing for appropriate depth and cleanliness. Maintaining adequate surfacing is extremely important in reducing injuries. Maintain detailed inspection and maintenance records for public-use playground equipment. Any damage from vandalism, abuse or misuse VOIDS all warranties.
Any damage from vandalism, abuse or misuse VOIDS all warranties.

Surfaces. Please, check for vandalism. Replace parts if necessary. Check for tripping hazard. Check for rusty or worn chain. Check to make sure shackles are closed properly. Check to see if oil lite bearing in swing hanger pendulum is worn or cracking. When worn, tighten that set screws are tight on frame fittings. Check that frame is sturdy and does not rock from side to side or rock to or fro. Make sure concrete is still secure and that footing surface is not a swing until it has stopped completely.

Before allowing children to use set, install adequate surfacing under swing sets to prevent injury from falls. Protective surfacing that meets ASTM F1292 must be installed under swing sets and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted to state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and color, symbol and color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~saferplay/

Safe Use: This seat is for children 4-12 years old only. Not for Adults. Adults should supervise children at all times. Do not allow children to stand or kneel on seat or use unsafely. Do not allow swing to be used if damaged. Do not use if wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging. Tell children not to get off swing until it has stopped completely.

Maintenance: At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in swings or other accessories. Check that set screws are tight on frame fittings. Check that frame is sturdy and does not rock from side to side or rock to or fro. Make sure concrete is still secure and that fooring surface is not a trip hazard. Check for rust or wooden chain. Instruct children which chains make sure shackles are closed properly. Check to see if oil lite bearing in swing hanger pendulum is worn or crack. When worn, cracked, replace pendulum. Check to make sure all lock nuts are tight. Check that screws are secure. Check for rust. Take a wire brush or piece of steel wool and scrub rust from metal surfaces. Please, check for vandalism. Replace parts if necessary. Check resilient surfacing for appropriate depth and cleanliness. Maintain adequate surfacing is extremely important in reducing injuries. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
Any damage from vandalism, abuse or misuse VOIDS all warranties.

Important: To keep children safe from harm, follow these precautions and instructions when installing, using, or maintaining this playground equipment. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov cpscpublic/pubs/324.pdf.
This frame is for an in ground 3 bay heavy duty 8' set with six swing seats. You will need to specify colors for the End Frame Fittings, Middle Frame Fittings, Swing Chain and the Commercial Swing Seats. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

**TOOLS AND PARTS NEEDED:**
- Ladder, 1/2" wrench, Ratchet socket wrench
- Tape measure, A5750 supplied Allen wrench for shackles, and 6mm Allen wrench for set screws
- Stakes for marking holes, Shovel, Bricks, Wheelbarrow for mixing concrete, Water, Concrete, Trowel, Level, Warning signs
- Protective surfacing according to ASTM F1292 for a fall height of 8'.

**PARTS INCLUDED ARE:**
- A3000 – 2 green or red
- A3025 – 2 green or red
- Pipe Legs A – B - 10.58 - 4
- Pipe Legs AA – 10.58 - 2.4
- Pipe Legs C – D - 10.58 - 4
- Pipe Legs E – F - 10.58 - 2.4
- Pipe Legs H – J - 10.58 - 2.4
- Pipe Legs O – P - 10.58 - 2.4
- Pipe Legs R – T - 10.58 - 2.4
- A1600 – 6 black, blue, green, red, tan or yellow

**MEASUREMENTS FOR SWING FRAME:**
- The Front (A) and Back (B) legs are 92" apart above ground and 110" below ground. Lengthwise, the two front legs (A) to (A) are 376" apart. The two middle legs (AA), which are the legs furthest apart, are 443" apart. The front leg (A) to the middle leg (AA) is 58" apart above ground. The front leg (A) to the middle front leg (C) is 126" apart. The height of the set is 8’.

**INSTALLATION, SAFE USE & MAINTENANCE INSTRUCTIONS**

**IMPORTANT:** To keep children safe from harm, follow these pre-cautions and instructions when installing, using, or maintaining this playground equipment. You can also call us at 1-800-433-2573 for more information or see http://www.cnsc.gov/cnscpubs/pubs324.pdf

**Setup:** Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult Figure 23, Table 7 for commercial swing sets. For residential sets see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfaces because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your playground equipment on level ground with adequate surfacing and anchoring. Use proper hardware and make sure connections are tight. Lay the remaining length of the swing seat chain through the hole on the bottom of the swing seat. Pull the rope until it is taut. Do not overtighten. Before using, the chains must be properly attached to the swing seats. Do not attach the chains until the swing set is properly anchored to the ground. This swing is intended for children from four to twelve years old. When using the swing set, adults should remain near the swing set and supervise children at all times. The chains must be checked daily to ensure that they are not damaged. If the chains are damaged, they should be replaced immediately. Do not use if damaged. Do not use if wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

**Swing Set Assembly:**

**1. Frame Assembly:**
- The Front (A) and Back (B) legs are 92" apart above ground and 110" below ground. Lengthwise, the two front legs (A) to (A) are 376" apart. The two middle legs (AA), which are the legs furthest apart, are 443" apart. The front leg (A) to the middle leg (AA) is 58" apart above ground. The front leg (A) to the middle front leg (C) is 126" apart. The height of the set is 8’.

**2. Swing Seat Installation:**
- The seat is for children 4-12 years old only. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove belts, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

**Specifications for all warning signs or labels should conform to ANSI Z53.1 and ANSI Z53.1 or ANSI Z53.5 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and workmanship quality. The labels should be installed according to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.rmpds.com/safetyplay/.

**Safe Use:**
- This seat is for children 4-12 years old only. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or kneel on seat or use unsafely. Do not allow swing to be used if damaged. Do not use if wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging. Tell children not to get off swing until it has stopped completely.

**Maintenance:**
- At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in swings or other accessories. Check to see if leather is too thin. The leather on the set screws are tight on frame fittings. Check that frame is sturdy and does not rock from side to side or rock to or fro. Make sure concrete is still secure and that footing surface is not a tripping hazard. Check for rust or worn chain. Check to make sure shackles are closed properly. Check to see if oil lite bearing in swing hanger pendulum is worn or cracking. When worn or cracked, replace pendulum. Check to make sure that all nuts and bolts are secure. Check to see if leather is too thin. If leather is too thin, replace the swing set immediately.

**Check resilient surfacing for appropriate depth and cleanliness. Maintaining adequate surfacing is extremely important in reducing injuries. Maintain detailed inspection and maintenance records for public-use playground equipment.**

Any damage from vandalism, abuse or misuse VOIDS all warranties.
H102 - HEAVY FRAME – 2 Swings - 1 Bay - Commercial

This frame is for an in ground heavy duty 10’ high one bay swing set with two swing seats. You will need to specify colors for the End Frame Fittings, Swing Chain and the Commercial Swing Seats. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

TOOLS AND PARTS NEEDED:
Ladder, 1/2" wrench, Ratchet socket wrench, Tape measure, A5750 supplied Allen wrench for shackles, and 6mm Allen wrench for set screws, Stakes for marking holes, Shovel, Bricks, Gravel, Wheelbarrow for mixing concrete, Water, Concrete, Trowel, Level, Warning signs. Protective surfacing according to ASTM F1292 for a fall height of 10’.

PARTS INCLUDED ARE:
A3000 – 2 blue or black
A7600 – 4 blue, green, red or yellow
A2014 – 4 Pipe Legs A - B - 12.5” - 4
A5700 – 4 Pipe Middle End Legs AA - 12.25” - 2
A5750 – 1 Top Rail 10’ - 1
A1600 – 2 black, blue, green, red, tan or yellow

MEASUREMENTS FOR SWING FRAME:
The Front (A and Back) (B) legs are 110” apart above ground and 128” below ground. Lengthwise, the two front legs (A) to (A) are 126” apart. The two middle legs (AA), which are the legs furthest apart, are 214.5” apart. The front leg (A) to the middle leg (AA) is 72.5” apart above ground. The height of the set is 10.’

**INSTALLATION, SAFE USE & MAINTENANCE INSTRUCTIONS**

IMPORTANT: To keep children safe from harm, follow these precautions and instructions when installing, using, or maintaining this playground equipment. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpscpublica/324.pdf.

Installation: Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult Figure 23, Table 7 for commercial swing sets. For residential sets see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface may result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections. Lay out all the pipes and end frame fittings on the ground about two feet from where you have determined you want to place your swing set. Do not dig holes until frame is assembled. As there may be some variance in leg spacing. Lay an end frame fitting on one end, then a tope beam, and finally the remaining end frame fitting. Slide the one end frame fittings on the end of the top pole with the three legs of the end frame fittings, pointing down. You may have to force pipe into pipe opening. Tighten the two included set screws on the top of the end frame fitting, using the 6mm Allen wrench. Attach swing hangers. The hangers should be spaced 2 ft. from the end of the set and 2 ft. apart. Place the two halves of the hanger around the top rail of the swing set. The swinging shackle pendulum will be facing downwards. The side bolts are placed with the heads on the top of the hanger and the threads facing downwards with the nuts on the bottom. Using a ratchet socket wrench and with no more than 50 lbs. of torque, tighten the side bolts. After tightening, the threads should not be showing more than two threads past the nut, and the hanger should fit snugly on the pipe. Grease or oil bushings if squeaking noises are heard. Use the A5750 to open shackle bolt on the bottom of the shackle pendulum. Slide chain on the bolt and then tighten in the hanger until snug. You may have to force bolt through coating on chain. Close according to Figure A1.19 for Fastening Devices. You can now attach swing to the bottom of the chain with shackles. The swing is intended for children from four to twelve years old. Warning on swing seat should face upward. This swing is intended for use by only one child at a time. Measure each side of swing chain before attaching to make sure that the swing will hang evenly. Attach the bottom of each chain to the large metal triangle on swing seat with a shackle. The bolt on shackle goes through the chain with “C” part of shackle going through triangular hardware on swing seat. Use the A5750 to open shackle bolt. Slide the shackle onto the swing hardware, and then slide the bolt through the chain. Tighten the bolt into the shackle until snug. You may have to force bolt through coating on chain. Close according to Figure A1.19 for Fastening Devices. After attaching swing to the chain, you are now ready to finish assembling the frame. Attach the other end frame fitting to the other side of the top beam, using the same procedure as the other end frame fitting. Make sure the set screws are tight. Now, it is time to attach the legs. Slide the longer front and back frame leg poles into each leg of the end frame fitting and tighten the included set screws for each leg. The set screws use a 6 millimeter Allen wrench. Make sure set screws are tight. Then, using the same procedure, slide the shorter middle legs into the end frame fitting. Tighten the included set screws for each leg. Make sure set screws are tight. Make sure that pipes are all far enough in frame fittings holes to stabilize frame. After the frame is all assembled, have multiple people lift structure and rotate structure, so that it is upright. Measure distances between legs, then, drive stakes into the ground at the correct distances for each pipe at the location of the swing set as you have determined above. Dig holes until you have the correct number of holes. Dig holes that are two feet deep and two feet in diameter. Place a brick in the bottom of each hole with the widest edge facing up. The bricks will prevent the swing set from sinking in the dirt. Set the swing set in place. Lift the set and do not drag. Make sure there is at least four inches of space around the entire end of pipe, so that concrete will surround the pipe. Hold a level on the top bar of the swing set. Add gravel under each brick to adjust the height as needed. Pour the contents of two 80-lb. bag of concrete into the wheelbarrow. Add the recommended amount of water to the concrete, and mix with the shovel until there is no dry material. Shovel the mixed concrete into a hole. Smooth the concrete with a trowel. Add dirt if necessary to fill hole, leaving enough space for surfacing. Repeat this step for each hole. Allow the concrete to dry for twenty-four hours, and check for sturdiness before allowing children to use swing set. Try swinging set without child in it first to make sure everything is working correctly before placing child in seat.

Before allowing children to use set, install adequate surfacing under swing sets to prevent injury from falls. Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

The new CPSSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended user and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years old.

Specifications for all warning signs or labels should conform to ANSI Z535.1 or ANSI Z535.1 or ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 696. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay/.

Safe Use: This seat is for children 4-12 years only. Not for Adults. Adults should supervise children at all times. Do not allow children to stand or kneel on seat or use unsafely. Do not allow swing to be used if damaged. Do not use if wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging. Tell children not to get off swing until it has stopped completely.

Maintenance: At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in swings or other accessories. Check that set screws are tight on frame fittings. Check that frame is sturdy and does not rock from side to side or rock to or fro. Make sure concrete is still secure and that footing surface is not a trip hazard. Check for rust or worn chain. Make sure to check shackles are closed properly. Check to see if oil flue bearing in swing hanger pendulum is worn or cracking. When worn or cracked, replace parts. Check to make sure screws are tight. Check that screws are secure. Check for rust. Take a wire brush or piece of steel wool and scrub rust from metal surfaces. Please, check for vandalism. Replace parts if necessary. Check resilient surfacing for appropriate depth and cleanliness. Maintain adequate surfacing is extremely important in reducing injuries. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
Any damage from vandalism, abuse or misuse VOIDS all warranties. Please, check for vandalism. Replace parts if necessary. Check or cracked, replace pendulum. Check to make sure all lock nuts are tight. Check that screws are secure. Check for rust. Take a wire brush or piece of steel wool and scrub rust from metal tripping hazard. Check for rusty or worn chain. Check to make sure shackles are closed properly. Check to see if oil lite bearing in swing hanger pendulum is worn or cracking. When worn Maintenance:

Before allowing children to use set, install adequate surfacing under swing sets to prevent injury from falls. Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries. The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow children to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/*=safetyplay/

Safe Use: This seat is for children 4-12 years old only. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow swing to be used if damaged. Do not use if wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging. Tell children not to get off swing until it has stopped completely.

Maintenance: At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in swings or other accessories. Check that set screws are tight on frame fittings. Check that frame is sturdy and does not rock from side to side or to front or back. Make sure concrete is still secure and that footing surface is not a tripping hazard for rusty or worn chain. Check to make sure shackles are closed properly. Check to see if all leaf bearing in swing hanger pendulum is worn or cracking. When worn or cracked, replace pendulum. Check for make sure all lock nuts are tight. Check that screws are secure. Check for rust. Take a wire brush or piece of steel wool and scrub rust from metal surfaces. Please, check for vandalism. Replace parts if necessary. Check resilient surfacing for appropriate depth and cleanliness. Maintaining adequate surfacing is extremely important in reducing injuries. Maintain detailed inspection and maintenance records for public-use playground equipment. Any damage from vandalism, abuse or misuse VOIDS all warranties.

TOOLs and PARTS NEEDED:

Ladder, ¾" wrench, Ratchet socket wrench, Tape measure, A5750 supplied Allen wrench for shackles, and 6mm Allen wrench for set screws, Stakes for marking holes, Shovel, Bricks, Gravel, Wheelbarrow for mixing concrete, Water, Concrete, Trowel, Level, Warning signs. Protective surfacing according to ASTM F1292 for a fall height of 10'.

PARTS INCLUDED ARE:

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A3000 – 2 green or red</td>
<td>A7600 – 8 blue, green, red or yellow</td>
</tr>
<tr>
<td>A2975 – 8 green or red</td>
<td>Pipe Middle Ends AA – 12.5&quot; - 2</td>
</tr>
<tr>
<td>A2014 – 8</td>
<td>Pipe Middle Legs C – D - 12.67&quot; - 2</td>
</tr>
<tr>
<td>A7500 – 2</td>
<td>Pipe Top Rail 10&quot; - 2</td>
</tr>
<tr>
<td>A1600 – 4 black, blue, green, red, tan or yellow</td>
<td></td>
</tr>
</tbody>
</table>

MEASUREMENTS FOR SWING FRAME:

The Front (A) and Back (B) legs are 110" apart above ground and 128" below ground. Lengthwise, the two front legs (A) to (A) are 247" apart. The two middle legs (AA), which are the legs furthest apart, are 338" apart. The front leg (A) to the middle leg (AA) is 72.5" apart above ground. The front leg (A) to the middle front leg (C) is 126" apart. The height of the set is 10'.

**INSTALLATION, SAFE USE & MAINTENANCE INSTRUCTIONS**

**IMPORTANT:** To keep children safe from harm, follow these precautions and instructions when installing, using, or maintaining this playground equipment. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpsscpububui/324.pdf.

Installation: Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult Figure 23, Table 7 for commercial swing sets. For residential sets see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to your equipment. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections. Lay out all the pipes and end frame fittings on the ground about two feet from where you plan to install the set. The hangers should be spaced 2 ft. from the end of the set and 2 ft. apart. Place the two halves of the hanger around the top rail of the swing set. The swinging shackle pendulum will be facing downwards. The side bolts are placed with the heads on the top of the hanger and the threads facing downwards with the nuts on the bottom. Using a ratchet socket wrench and with no more than 50 lbs. of torque, tighten the side bolts. After tightening, the threads should not be showing more than two threads past the nut, and the hanger should flush snugly on the pipe. Grease or oil bushings if squeaking noises are heard. Use the A5750 to open shackle bolt on the bottom of the shackle pendulum. Slide chain on the bolt and then tighten in the hanger until snug. You may have to force bolt through coating on chain. Close according to Figure A1.19 for Fastening Devices. You can now attach swing to the bottom of the chain with shackles. The swing is intended for children from four to twelve years old. Warning on swing seat should face upward. This swing is intended for use by only one child at a time. Measure each side of swing chain before attaching to make sure that the swing will hang evenly. Attach the bottom of each chain to the large metal triangle on swing seat with a shackle. The bolt on shackle goes through the chain with “C” part of shackle going through triangular hardware on swing seat. Use the A5750 to open shackle bolt. Slide the shackle onto the swing hardware, and then slide the bolt through the bottom of the chain. Tighten the bolt into the shackle until snug. You may have to force bolt through coating on chain. Close according to Figure A1.19 for Fastening Devices. After attaching swing to the chain, you are now ready to attach the middle frame fitting. Attach the middle frame fitting to the unattached ends of the top beams which are already attached to the end frame fittings. You may have to force pipes into end pipe openings. Tighten the included set screws on the top of the middle frame fitting, using the 6mm Allen wrench. Now, it is time to attach the legs. Slide the longer front and back frame leg poles, 152", into each leg of the end frame fitting and tighten the included set screws for each leg. The set screws use a 6 millimeter Allen wrench. Make sure set screws are tight. Then, using the same procedure, slide the shorter middle legs, 150", into the end frame fitting. Tighten the included set screws for each leg. Make sure the set screws are tight. After assembling the end frame fitting legs, it is time to attach the 152" middle frame fitting legs. Again, slide the front and back frame leg poles into each leg of the middle frame fitting and tighten the included set screws for each leg. The set screws use a 6 millimeter Allen wrench. Make sure set screws are tight. Make sure that pipes are all far enough in frame fittings holes to stabilize frame. After the frame is all assembled, have multiple people lift structure and rotate structure, so that it is upright. Measure distances between legs, then, drive stakes into the ground at the correct distances for each pipe at the location of the swing set as you have determined above. Dig holes until you have the correct number of holes. Dig holes that are two feet deep and two feet in diameter. Place a brick in the bottom of each hole with the widest edge facing up. The bricks will prevent the swing set from sinking in the dirt. Set the swing set in place. Lift the set and do not drag. Make sure there is at least four inches of space around the entire end of pipe, so that concrete will surround the pipe. Hold a level on the top bar of the swing set. Add gravel under each brick to adjust the height as needed. Pour the contents of two 80-lb. bag of concrete into the wheelbarrow. Add the recommended amount of water to the concrete, and mix with the shovel until there is no dry material. Shovel the mixed concrete into a hole. Smooth the concrete with a trowel. Add dirt if necessary to fill hole, leaving enough space for surfacing. Repeat this step for each hole. Allow the concrete to dry for twenty-four hours, and check for sturdiness before allowing children to use swing set. Try swinging set without child in it first to make sure it is correctly before placing child in set and seat.

Before allowing children to use set, install adequate surfacing under swing sets to prevent injury from falls. Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries. The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow swing to be used if damaged. Do not use if wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging. Tell children not to get off swing until it has stopped completely.
This frame is for an in-ground 3 bay heavy duty 10' high set with six swing seats. You will need to specify colors for the End Frame Fittings, Middle Frame Fittings, Swing Chain and the Commercial Swing Seats. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

### TOOLS AND PARTS NEEDED:
- Ladder, 1½’
- Rubber mallet wrench
- Tape measure
- A5750 supplied Allen wrench for shackles, and 6mm Allen wrench for set screws
- Stakes for marking holes
- Shovels, Bricks, Gravel
- Wheelbarrow for mixing concrete
- Water, Concrete, Trowel, Level
- Warning signs
- Protective surfacing according to ASTM F1292 for a fall height of 10’.

### MEASUREMENTS FOR SWING FRAME:
- The Front (A) and Back (B) legs are 110” apart above ground and 128” below ground. Lengthwise, the two front legs (A) to (A) is 376” apart. The two middle legs (AA), which are the legs furthest apart, are 460” apart. The front leg (A) to the middle leg (AA) is 72.5” apart above ground. The front leg (A) to the middle front leg (C) is 128” apart. The height of the set is 10’.

### INSTALLATION, SAFE USE & MAINTENANCE INSTRUCTIONS**

**Important:** To keep children safe from harm, follow these precautions and instructions when installing, using, or maintaining this playground equipment. You can also call us at 1-800-433-2573 for more information or visit our website at [http://www.popse.com](http://www.popse.com)

#### Installation:
Read all instructions before attempting assembly. To determine proper use zones needs for swing set consult Figure 23. Table 7 for commercial swing sets. For potential obstacles see swing set schematic on Page 4 of the Swing Set Area and Obstruction Handbook. It is recommended that children and adults can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your playground equipment on a flat, adequate surface area and at a safe distance from obstructions. Allow at least 10’ of clearance in all directions from your play structure. Layout of the playground area should allow for at least 10’ of clearance between the play area and existing buildings or vandalism, abuse or misuse VOIDS all warranties.

#### Safe Use:
- Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow to be used if damaged. Remove brackets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.
- To keep children safe from harm, follow these precautions and instructions when installing, using, or maintaining this playground equipment. You can also call us at 1-800-433-2573 for more information or visit our website at [http://www.popse.com](http://www.popse.com)

#### Maintenance:
At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in swings or other accessories. Check that set screws are tight. Remove brackets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

#### Safe Use:
- Use playground equipment.
- Protect children at all times. Do not allow children to stand on or use unsafely. Do not allow to be used if damaged. Remove brackets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

#### Maintenance:
- At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in swings or other accessories. Check that set screws are tight. Remove brackets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.
H6T Heavy Duty – 1 Tire Swing – 1 Bay – Commercial

This is a heavy duty in ground 6’ high set with a Tire Swing Assembly for commercial applications. You will need to specify colors for the End Frame Fittings and Tire Swing. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

**TOOLS AND PARTS NEEDED:**
Ladder, 1/4” wrench, Ratchet socket wrench, Tape measure, A3000 supplied Allen wrench for shackles, and 6mm Allen wrench for set screws. Stakes for marking holes. Shovels, Bricks, Gravel, Wheelbarrow for mixing concrete, Water, Concrete, Trowel, Level, Warning signs. Protective surfacing according to ASTM F1292 for a fall height of 6’.

**PARTS INCLUDED ARE:**
A3000 – 2 green or red
A5200 – 1
A5725 – 6
A5750 – 1
A5600 – 1 black, blue, green, red or yellow

**Installation:**
Read all instructions before attempting assembly. The minimum clearance between any part of the tire swing and the ground, walls, trees, etc. shall be 30” with the tire at the point closest to the legs. Tip the sections zones needed for a public tire swing set should extend in any direction from a point directly beneath the pivot point for a minimum distance of six feet plus the length of the suspended unit. The use zone should never overlap the use zone of any other equipment. For residential sets see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Only one tire swing is allowed per bay. No other type of swing is allowed in bay. A3000 – 2 green or red
A5200 – 1
A5725 – 6
A5750 – 1
A5600 – 1 black, blue, green, red or yellow

**MEASUREMENTS FOR SWING FRAME:**
The Front (A) and Back (B) legs are 74” apart above ground and 92” below ground. Lengthwise, the two front legs (A) to (A) are 126” apart. The two middle legs (AA), which are the furthest apart, are 184” apart. The front leg (A) to the middle leg (AA) is 47” apart above ground. The height of the set is 6’.

**Important:**
To keep children safe from harm, follow these precautions and instructions when installing, using, or maintaining this playground equipment. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpssubpubs/324.pdf

**Safe Use:**
To create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age. Do not allow anyone who cannot climb and have the skill to do so to use this equipment. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to cause head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

**Specifications:**
For all warnings or labels should conform to ANSI Z53.1 and ANSI Z53.1 or ANSI Z53.5 in the following areas: legibility, type of lettering, clarity of message and symbol, color specification and dimensions of symbol. Visibility. The manufacturer should continue to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/safetyplay/

**Important:**
This tire swing is intended for use only with children 4 - 12 years old. Not for Adults. Adults should supervise children at all times. Do not allow children to stand or kneel on tire or use unsafely. Do not allow swing to be used if damaged. Do not use if wet. Instruct children not to wrap chains around top beam. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging. Tell children not to get off swing until it has stopped completely.

**Before allowing children to use set, install adequate surfacing under swing sets to prevent injury from falls:**
Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

**Installation:**
At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in tire or other accessories. Check that set screws are tight on frame fittings. Check that frame is sturdy and does not rock from side to side or rock or too. Make sure concrete is still secure and that footing surface is not a tripping hazard. Check for rusty or worn chain. Check to make sure shackles are closed properly and not worn. If worn and shackles require replacing, make sure that proper hardware is used to replace worn h-shackles. WARNING: THIS SWING REQUIRES EITHER A LARGE END S-HOOK OR AN H-SHACKLE TO CONNECT TIRE TO CHAIN. NOT USING NAMED FASTENERS CAN RESULT IN TIRE BREAKING AND CHILD BEING SAFELY. Do not allow swing to be used if damaged. Do not use if wet. Instruct children not to wrap chains around top beam. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging. Tell children not to get off swing until it has stopped completely.

**Maintenance:**
At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in tire or other accessories. Check that set screws are tight on frame fittings. Check that frame is sturdy and does not rock from side to side or rock or too. Make sure concrete is still secure and that footing surface is not a tripping hazard. Check for rusty or worn chain. Check to make sure shackles are closed properly and not worn. If worn and shackles require replacing, make sure that proper hardware is used to replace worn h-shackles. WARNING: THIS SWING REQUIRES EITHER A LARGE END S-HOOK OR AN H-SHACKLE TO CONNECT TIRE TO CHAIN. NOT USING NAMED FASTENERS CAN RESULT IN TIRE BREAKING AND CHILD BEING SAFELY. Do not allow swing to be used if damaged. Do not use if wet. Instruct children not to wrap chains around top beam. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging. Tell children not to get off swing until it has stopped completely.

**Supportive Indra:**
Check pay particular attention to the maintenance of the tire swing. The likelihood of failure is higher for tire swings due to the added stress of rotational movement and multiple occupants. Check spinning action and make sure there is nothing touching or impeding the tire swing. This is very important to reduce wear and prevent injury. A tire swing without grease will wear very quickly. This can cause failure of swing, which can result in severe injuries. When putting grease in swing, you will see the grease come out of grease fitting when it is full. Wipe off any grease that has come out of the fitting. The grease in the fitting is for lubrication, but a standard grease cartridge from any auto part store should be sufficient. Do not use any two greases or two different greases. The grease fittings that must be checked and filled with grease during maintenance. The first is at the bottom of the hanger in the swing seat and is easily seen and reached. The other grease fitting is harder to reach, and is located under the rubber boot on the universal joint. However, it is important that this grease fitting be checked also. To do this: Cut the zip tie holding the rubber boot. Take two flat head screw drivers and dill the boot down, so that you can put the grease gun up with the correct fitting. Put in sufficient grease. Raise the rubber boot and secure with another zip tie. Cut off excess plastic tail on zip tie. Make sure all nuts and bolts are secure and not worn. Look for loose parts, torn or missing rubber boots, cracks in metal or rust. Please, check for vandalism. Check for rust. Take a wire brush or power tool to remove rust and clean thoroughly. Please see page for necessary for safety. Check resilient surfacing for appropriate depth and cleanliness. Maintaining adequate surface is extremely important in reducing injuries. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOID ALL warranties.
A heavy duty in 6' high two sets with Tire Swings for commercial applications. You will need to specify colors for the End Frame Fittings and Tire Swings. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

**Tools and Parts Needed:**
- Ladder, 1/2" wrench, Rachet socket wrench, Tape measure, A5750 supplied Allen wrench for shackles, and 6mm Allen wrench for set screws. Stakes for marking holes. Shovel, Bricks, Gravel, Wheelbarrow for mixing concrete, Water, Concrete, Towel, Level. Warning signs. Protective surfacing according to ASTM F1292 for a fall height of 6'.

**Parts Included Are:**
- A3000 – 2 green or red
- A3005 – 1 green or red
- Pipe Leg A – 8 - 6.25'
- Pipe Legs AA – 8.09' - 2
- Pipe Leg B C – 9.8' - 2.5
- Top Rail 14" - 1
- A5690 – 2 black, blue, green, red or yellow

**Measurements for Swing Frame:**
- Front (A) and Back (B) legs are 74" apart above ground and 92" below ground. Lengthwise, the two front legs (A) to (A) are 247" apart. The two middle legs (AA), which are both 14' long, are 96" apart. The back leg (A) to the middle leg (AA) is 47" apart above ground. The height of the set is 6'.

**Installation:**
Read all instructions before attempting assembly. The minimum of clearance between the bottom of the tire and the protective surface should not be less than 12". The minimum clearance between the seating surface of a tire swing and the legs of the frame should be 30" when the tire is in a position closest to the legs. The proper use zones needed for a public tire swing set should extend in any direction a distance equal to the height of the tire. The tire swing should never overlap the use zone of any other equipment.

For residential set see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Only one tire swing is allowed per bay. No other type of swing is allowed in bay. Install swing sets where a child can easily be supervised. Do not permit children to enter or leave the area supervised by adults, either during or after use.

**Critical Points:**
- Any damage from vandalism, abuse or misuse VOIDS all warranties.
- Do not drag. Make sure all nuts and bolts are secure and not worn. Look for loose parts, torn or missing rubber boots, cracks in metal or rust. Please, check for vandalism. Check for rust. Take a wire to reach, and is located under the rubber boot on the universal joint. However, it is important that this grease fitting be checked also. To do this: Cut the zip tie holding the rubber boot. Take two flat head spacers. Ensure the bolt is correctly screwed into the shackle eye with an A5750 wrench. Check that the threads are fully engaged with the body, but not so tight that it causes the body to bend in or that the threads go past the body by more than two threads. Repeat this process with all three chains. Make sure all lengths of swing chain are equal, so the tire hangs evenly. Attach the second tire swivel, chains and tire to the second 10' top beam using the same procedure as described above. After attaching the second tire to the chains, you are now ready to assemble the frame. Slide the frame leg poles into each leg of the end frame fittings. The two pipes that are 97" insert into the middle leg of the end frame fittings, and the four pipes that are 60" go into the two legs openings that are on either side of the middle leg. Insert two pipes that are 90" long into the middle of the first 14' top pole opening.

**Specifications and Work Message and Visibility:**
The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/safetyplay/

**Safe Use:**
Each tire swing is intended for no more than three children, 4 - 12 years old. Not for Adults. Adults should supervise children at all times. Do not allow children to stand or kneel on tires or use unsafely. Do not use if it is wet. Tires and Swings should never be used if they are not properly attached to the frame. Shovels and forks should never be used on tire swings. They may cause injury to the tire assembly or to the tire swing user.

**Maintenance:**
At beginning of each play season and on each play season after, check sharp edges on hardware and/or cracks in tire or other accessories. Check that set screws are tight on frame fittings. Check that tire is sturdy and does not rock from side to side or rock to fr fr. Make sure concrete is still secure and that footing surface is not a tripping hazard. Check for rusty or worn chain. Check to make sure shackles are closed properly and not worn. If worn and shackles require replacing, make sure that proper hardware is used to replace worn h-shackles. WARNING: THIS SWING REQUIRES EITHER A LARGE END S-HOOK OR AN H-SHACKLE TO CONNECT TIRE TO CHAIN. NOT USING NAMED FASTENERS CAN RESULT IN TIRE BREAKING AND CHILD BEING INJURED.

**Final Step:**
To make sure all lock nuts are tight. Check that chains are secure. Carefully check hole around built in eyes to look for wear.

Pay particular attention to the maintenance of the tire stands. The likelihood of failure is highest at the place where the swing contact the tire. Do not allow children to reach so high that the tire and swing are likely to cause head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age. Specifications for all warning signs or labels should conform to Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/safetyplay/
Slides
SCOOP 6’ - Scoop Slide – USA - Resi
SCOOP 8’
SCOOP 10’

Our rotational molded polyethylene scoop slide that can be shipped UPS. The entrance and exit sections are each 3 ft. long with a 16” seat and a 23” overall width. Handrails are 9”. Two sections of 2 x 4’s (not supplied) are needed under the handrails for support. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. The weight limit is 300 lbs.

<table>
<thead>
<tr>
<th>Slide</th>
<th>Platform Height</th>
<th>Slide + Inserts</th>
<th>Screws Sent with Order</th>
<th>Slide Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scoop 6 ’</td>
<td>3’</td>
<td>1 + 0</td>
<td>6 hex - 14 pan</td>
<td>72 x 21.75 x 12</td>
</tr>
<tr>
<td>Scoop 8 ’</td>
<td>4’</td>
<td>1 + 1</td>
<td>11 hex - 21 pan</td>
<td>96 x 21.75 x 12</td>
</tr>
<tr>
<td>Scoop 10”</td>
<td>5’</td>
<td>1 + 2</td>
<td>16 hex - 27 pan</td>
<td>120 x 21.75 x 12</td>
</tr>
</tbody>
</table>

**Installation, Safe Use and Maintenance Instructions**

**IMPORTANT:** Please read for important information. In this material we have tried to provide some requirements stated in the CPSC Handbooks, ASTM F2373-11, F1487-11 and F1148-09. However, we in no way intend for this to be a complete list of requirements. Also these publications are updated frequently with changes therefore, you should read these publications yourself to determine if any part or installation could prove a danger to a child.

To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website. [www.americanswing.com](http://www.americanswing.com) Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see [http://www.cpsc.gov/cpscpub/pubs/325.pdf](http://www.cpsc.gov/cpscpub/pubs/325.pdf).

Due to the thermo dynamics and lower heat transfer properties of plastics, plastic slides are preferred over metal slides for play equipment. Although plastic slides may become as hot as metal, they insulate better and don’t transfer the heat as quickly. Because of these properties, the Consumer Product Safety Commission (CPSC) recommends plastic slides and plastic surfaces over bare metal.

Regardless of lower heat transfer properties, plastic play equipment can still become hot enough –in extreme temperatures and direct sunlight –to cause burns. Plastic slides are safe, tried and true, but as is the case with all playground equipment, parents and supervisors must monitor the children in their care, make certain that the equipment is appropriate for their age, and always check playground surfaces for excessive heat before allowing children to play. For more information, contact IPEMA headquarters at [www.communications@ipema.org](http://www.communications@ipema.org) or by calling 1-717-238-1744.

**WARNING:**

Instruct children to never run up the slide and to slide down feet first. Tell children to make sure the bottom of the slide is unobstructed before going down the slide. Do not use slide when wet. Do not use equipment until fully assembled. Consider proper drainage and place slide in shaded area or located out of direct sun. Slides exposed to intense sun can burn.

No span of the sliding surface should have a slope that exceeds .577 degrees. Handrails or other means of hand support should be installed at the slide chute entrance to make it easy for children to go from standing to sitting. There should be guard rails to transit the child into the slide chute. The transition platform should be as wide as or wider than the slide entrance.
Installations: Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 1-800-433-2573.

Place all sections of the slide upside down on a flat surface. Fit each section together as tight as possible. Center the pieces. Screw one #12 x 1” hex head screw through the center of each piece which will connect the slide together, but allow you to work with the slide to align the pieces. Put a 2 x 4 under the slide one side at a time. There are 6 - #14 x 1 ½ pan head screws. 3 go on each side of the insert. Make sure parts are aligned before the screws are inserted. Start at one end where the two sections meet together. After screwing in the screw closest to the edges of the sections, then put the middle screw in the side. Add another section, making sure that it is aligned before inserting the screw. Make sure the screws are screwed into the wood straight and not crooked. Now, put the other 2 x 4 under the other side and repeat the process. When last section is screwed together, using the hex head screws, finish screwing the bottom part of the sections together.

Mount the slide to your platform using 2 - #14 x 1 ½ pan head screw, making sure the heads are smooth so that they do not harm the children. Place a 16" x 16", or larger, stepping stone flush with the ground for the base of the slide to set on. The brick should be level and square to the slide. This is to keep the slide height stable. If the slide keeps sinking into the dirt, it will put stress on the screw holes attaching the pieces together. Also, make sure that the slide is not lifted off the ground after attaching to the platform. Lifting will put stress on the mounting screw holes. Any small gaps on the sides can be filled with silicone sealant. Fill, smooth, and let dry. This will prevent any gaps in which small finger could get caught. If properly aligned, there should be very few small gaps.

Safe Use: This is for children 2 - 12 years old only. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow it to be used if damaged. Instruct children to never run up the slide and to slide down feet first.

Maintenance: At beginning and end of each play season and once a month during play season, check for cracks in plastic, paying particular attention to the top of slide where attached to platform. Check for rusty screws, missing or loose hardware or evidence of vandalism. Check for cracks in wood or splinters. Replace parts as necessary. Make sure there are no exposed footings, anchoring devices, rocks, roots, holes or any other obstacles in or around the slide. Maintain detailed inspection and maintenance records for public-use playground equipment. Any damage from vandalism, abuse or misuse VOIDS all warranties.

Colors: Blue, Green, Red, and Yellow
Our rotational molded polyethylene scoop slide can be shipped UPS. The entrance is 16.25 x 25.5 x 10 and the exit section is 30.5 x 21 x 12. The height of the seat from the ground is 7". Additional inserts, the ScinsR, can be added to make a 8-10-12-14-16 or 18 foot long slide. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. The weight limit is 300 lbs.

**Installation, Safe Use and Maintenance Instructions**

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To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website, [www.americanswing.com](http://www.americanswing.com). Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see [http://www.cpsc.gov/cpscpub/pubs/325.pdf](http://www.cpsc.gov/cpscpub/pubs/325.pdf).

Due to the thermo dynamics and lower heat transfer properties of plastics, plastic slides are preferred over metal slides for play equipment. Although plastic slides may become as hot as metal, they insulate better and don’t transfer the heat as quickly. Because of these properties, the Consumer Product Safety Commission (CPSC) recommends plastic slides and plastic surfaces over bare metal.

Regardless of lower heat transfer properties, plastic play equipment can still become hot enough -- in extreme temperatures and direct sunlight -- to cause burns. Plastic slides are safe, tried and true, but as is the case with all playground equipment, parents and supervisors must monitor the children in their care, make certain that the equipment is

<table>
<thead>
<tr>
<th>Platform (ft)</th>
<th>Slide (°)</th>
<th>Angle</th>
<th>Slide + Inserts</th>
<th>Screws Sent with Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5'</td>
<td>60&quot;</td>
<td>50</td>
<td>1 + 1</td>
<td>12 bolts - 12 nuts - 4 plugs - 24 washers</td>
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<tr>
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<td>92&quot;</td>
<td>53</td>
<td>1 + 3</td>
<td>24 bolts - 24 nuts - 8 plugs - 48 washers</td>
</tr>
<tr>
<td>4.5'</td>
<td>108&quot;</td>
<td>49</td>
<td>1 + 4</td>
<td>30 bolts - 30 nuts - 10 plugs - 60 washers</td>
</tr>
<tr>
<td>5'</td>
<td>124&quot;</td>
<td>49</td>
<td>1 + 5</td>
<td>36 bolts - 36 nuts - 12 plugs - 72 washers</td>
</tr>
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<td>6'</td>
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<tr>
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<td>156&quot;</td>
<td>54</td>
<td>1 + 7</td>
<td>48 bolts - 48 nuts - 16 plugs - 96 washers</td>
</tr>
<tr>
<td>8'</td>
<td>172&quot;</td>
<td>56</td>
<td>1 + 8</td>
<td>54 bolts - 54 nuts - 18 plugs - 108 washers</td>
</tr>
<tr>
<td>8.5'</td>
<td>188&quot;</td>
<td>55</td>
<td>1 + 9</td>
<td>60 bolts - 60 nuts - 20 plugs - 120 washers</td>
</tr>
<tr>
<td>9'</td>
<td>204&quot;</td>
<td>53</td>
<td>1 + 10</td>
<td>66 bolts - 66 nuts - 22 plugs - 132 washers</td>
</tr>
<tr>
<td>10'</td>
<td>220&quot;</td>
<td>55</td>
<td>1 + 11</td>
<td>72 bolts - 72 nuts - 24 plugs - 144 washers</td>
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</table>
appropriate for their age, and always check playground surfaces for excessive heat before allowing children to play. For more information, contact IPEMA headquarters at www.communications@ipema.org or by calling 1-717-238-1744.
WARNING:

Instruct children to never run up the slide and to slide down feet first. Tell children to make sure the bottom of the slide is unobstructed before going down the slide. Do not use slide when wet. Do not use equipment until fully assembled. Consider proper drainage and place slide in shaded area or located out of direct sun. Slides exposed to intense sun can burn.

No span of the sliding surface should have a slope that exceeds .577 degrees. Handrails or other means of hand support should be installed at the slide chute entrance to make it easy for children to go from standing to sitting. There should be guard rails to transit the child into the slide chute. The transition platform should be as wide as or wider than the slide entrance.

Installations: Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 1-800-433-2573.

Place all scoop slide sections upside down on a flat surface. Install the alignment plugs on all sections in between the slide pieces.

Starting from the Top section, insert four bolts through the Top and first Insert section, and tighten all four bolts evenly. (It is recommended that thread locker is used on all bolts to ensure the connections do not loosen up over time.)

Repeat across all of the inserts. Recheck all of the connections and tighten if needed.

When you are ready to join the bottom piece, you will need to raise the two pieces for proper alignment. This can be accomplished with a wood block, raising the slide approximately 4 to 5 inches. Once all of the connections have been completed, recheck all of the connections and tighten if needed.

Turn the slide over and lift into place. (Use proper lifting techniques to avoid injury. A second person might be required, depending on length and height of the slide.)

There are four predrilled holes in the Top section to fasten the slide to the platform. This connection can be accomplished with lag bolts or through bolts (not included). It is recommended to predrill the holes to avoid splitting the wood of the platform.

Depending on the length of the slide you will need to install support brackets. For a 5’ platform, put support on the first and third insert pieces from the bottom. For an 8’ platform put supports on the first, third and the fifth from the bottom.

Retighten the bolts, and adjust the brackets to firmly place them against the ground. The ground should be packed and level to avoid sinking. Anchor the supports to the ground. (Anchors not included)

Recheck all connections and tighten if needed. Fill any small gaps in the slide with silicone sealant and let dry before use. This will prevent any gaps in which clothing or fingers could get caught.

Safe Use: This is for children 2 - 12 years old only. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow it to be used if damaged. Instruct children to never run up the slide and to slide down feet first.

Maintenance: At beginning and end of each play season and once a month during play season, check for cracks in plastic, paying particular attention to the top of slide where attached to platform. Check for rusty screws, missing or loose hardware or evidence of vandalism. Check for cracks in wood or splinters. Replace parts as necessary. Make sure there are no exposed footings, anchoring devices, rocks, roots, holes or any other obstacles in or around the slide. Maintain detailed inspection and maintenance records for public-use playground equipment. Any damage from vandalism, abuse or misuse VOIDS all warranties.

Colors: Blue, Green, Light Green, Orange, Red, and Yellow
ScinsR – Scoop Insert – Overseas – Residential

Our rotational molded polyethylene scoop slide can be shipped UPS. The insert is 16 x 20.5 x 11. Additional inserts can be added to lengthen the slide. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. The weight limit is 300 lbs.

<table>
<thead>
<tr>
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<th>Screws Sent with Order</th>
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Due to the thermo dynamics and lower heat transfer properties of plastics, plastic slides are preferred over metal slides for play equipment. Although plastic slides may become as hot as metal, they insulate better and don’t transfer the heat as quickly. Because of these properties, the Consumer Product Safety Commission (CPSC) recommends plastic slides and plastic surfaces over bare metal. Regardless of lower heat transfer properties, plastic play equipment can still become hot enough -- in extreme temperatures and direct sunlight -- to cause burns. Plastic slides are safe, tried and true, but as is the case with all playground equipment, parents and supervisors must monitor the children in their care, make certain that the equipment is appropriate for their age, and always check playground surfaces for excessive heat before allowing children to play. For more information, contact IPEMA headquarters at www.communications@ipema.org or by calling 1-717-238-1744.

**WARNING:**
Instruct children to never run up the slide and to slide down feet first. Tell children to make sure the bottom of the slide is unobstructed before going down the slide. Do not use slide when wet. Do not use equipment until fully assembled. Consider proper drainage and place slide in shaded area or located out of direct sun. Slides exposed to intense sun can burn.
No span of the sliding surface should have a slope that exceeds .577 degrees. Handrails or other means of hand support should be installed at the slide chute entrance to make it easy for children to go from standing to sitting. There should be guard rails to transit the child into the slide chute. The transition platform should be as wide as or wider than the slide entrance.

**Installations:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 1-800-433-2573.

Place all scoop slide sections upside down on a flat surface. Install the alignment plugs on all sections in between the slide pieces.

Starting from the Top section, insert four bolts through the Top and first Insert section, and tighten all four bolts evenly. (It is recommended that thread locker is used on all bolts to ensure the connections do not loosen up over time.)

Repeat across all of the inserts. Recheck all of the connections and tighten if needed.

When you are ready to join the bottom piece, you will need to raise the two pieces for proper alignment. This can be accomplished with a wood block, raising the slide approximately 4 to 5 inches. Once all of the connections have been completed, recheck all of the connections and tighten if needed.

Turn the slide over and lift into place. (Use proper lifting techniques to avoid injury. A second person might be required, depending on length and height of the slide.)

There are four predrilled holes in the Top section to fasten the slide to the platform. This connection can be accomplished with lag bolts or through bolts (not included). It is recommended to predrill the holes to avoid splitting the wood of the platform.

Depending on the length of the slide you will need to install support brackets. For a 5' platform, put support on the first and third insert pieces from the bottom. For an 8' platform put supports on the first, third and fifth from the bottom.

Retighten the bolts, and adjust the brackets to firmly place them against the ground. The ground should be packed and level to avoid sinking. Anchor the supports to the ground. (Anchors not included)

Recheck all connections and tighten if needed. Fill any small gaps in the slide with silicone sealant and let dry before use. This will prevent any gaps in which clothing or fingers could get caught.

**Safe Use:** This is for children 2 - 12 years old only. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow it to be used if damaged. Instruct children to never run up the slide and to slide down feet first.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for cracks in plastic, paying particular attention to the top of slide where attached to platform. Check for rusty screws, missing or loose hardware or evidence of vandalism. Check for cracks in wood or splinters. Replace parts as necessary. Make sure there are no exposed footings, anchoring devices, rocks, roots, holes or any other obstacles in or around the slide. Maintain detailed inspection and maintenance records for public-use playground equipment. Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:** Blue, Green, Light Green, Orange, Red, and Yellow
ScoopC - Scoop Slide Top & Bottom– Overseas – Commercial

Our rotational molded polyethylene scoop slide can be shipped UPS. The entrance is 21 x 26.75 x 15 and the exit is 40 x 24.75 x 21.5. The height of the seat from the ground is 8.5”. Additional inserts can be added to lengthen the slide. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. The weight limit is 300 lbs.

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<th>Platform</th>
<th>Slide</th>
<th>Angle</th>
<th>Slide + Inserts</th>
<th>Screws Sent with Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>3'</td>
<td>81&quot;</td>
<td>45</td>
<td>1 + 1</td>
<td>8 bolts - 8 nuts - 4 plugs - 16 washers</td>
</tr>
<tr>
<td>4'</td>
<td>102&quot;</td>
<td>47</td>
<td>1 + 2</td>
<td>12 bolts - 12 nuts - 6 plugs - 24 washers</td>
</tr>
<tr>
<td>5'</td>
<td>123&quot;</td>
<td>49</td>
<td>1 + 3</td>
<td>16 bolts - 16 nuts - 8 plugs - 32 washers</td>
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<tr>
<td>6'</td>
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<td>20 bolts - 20 nuts - 10 plugs - 40 washers</td>
</tr>
<tr>
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<td>165&quot;</td>
<td>51</td>
<td>1 + 5</td>
<td>24 bolts - 24 nuts - 12 plugs - 48 washers</td>
</tr>
<tr>
<td>8'</td>
<td>186&quot;</td>
<td>52</td>
<td>1 + 6</td>
<td>28 bolts - 28 nuts - 14 plugs - 56 washers</td>
</tr>
<tr>
<td>9'</td>
<td>207&quot;</td>
<td>53</td>
<td>1 + 7</td>
<td>32 bolts - 32 nuts - 16 plugs - 64 washers</td>
</tr>
<tr>
<td>10'</td>
<td>228&quot;</td>
<td>53</td>
<td>1 + 8</td>
<td>36 bolts - 36 nuts - 18 plugs - 72 washers</td>
</tr>
<tr>
<td>11'</td>
<td>249&quot;</td>
<td>53</td>
<td>1 + 9</td>
<td>40 bolts - 40 nuts - 20 plugs - 80 washers</td>
</tr>
<tr>
<td>12'</td>
<td>270&quot;</td>
<td>54</td>
<td>1 + 10</td>
<td>44 bolts - 44 nuts - 22 plugs - 88 washers</td>
</tr>
<tr>
<td>13'</td>
<td>291&quot;</td>
<td>54</td>
<td>1 + 11</td>
<td>48 bolts - 48 nuts - 24 plugs - 96 washers</td>
</tr>
<tr>
<td>14'</td>
<td>312&quot;</td>
<td>54</td>
<td>1 + 12</td>
<td>52 bolts - 52 nuts - 26 plugs - 104 washers</td>
</tr>
</tbody>
</table>
WARNING:

Instruct children to never run up the slide and to slide down feet first. Tell children to make sure the bottom of the slide is unobstructed before going down the slide. Do not use slide when wet. Do not use equipment until fully assembled. Consider proper drainage and place slide in shaded area or located out of direct sun. Slides exposed to intense sun can burn.

No span of the sliding surface should have a slope that exceeds .577 degrees. Handrails or other means of hand support should be installed at the slide chute entrance to make it easy for children to go from standing to sitting. There should be guard rails to transit the child into the slide chute. The transition platform should be as wide as or wider than the slide entrance.

Installations: Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 1-800-433-2573.

Place all scoop slide sections upside down on a flat surface. Install the alignment plugs on all sections in between the slide pieces.

Starting from the Top section, insert four bolts through the Top and first Insert section, and tighten all four bolts evenly. (It is recommended that thread locker is used on all bolts to ensure the connections do not loosen up over time.)

Repeat across all of the inserts. Recheck all of the connections and tighten if needed.

When you are ready to join the bottom piece, you will need to raise the two pieces for proper alignment. This can be accomplished with a wood block, raising the slide approximately 4 to 5 inches. Once all of the connections have been completed, recheck all of the connections and tighten if needed.

Turn the slide over and lift into place. (Use proper lifting techniques to avoid injury. A second person might be required, depending on length and height of the slide.)

There are four predrilled holes in the Top section to fasten the slide to the platform. This connection can be accomplished with lag bolts or through bolts (not included). It is recommended to predrill the holes to avoid splitting the wood of the platform.

Depending on the length of the slide you will need to install support brackets. For a 5’ platform, put support on the first insert piece from the bottom. For a 7’ platform put supports on the first and third from the bottom. For a 9’ platform put supports on the first, third and fifth from the bottom.

Retighten the bolts, and adjust the brackets to firmly place them against the ground. The ground should be packed and level to avoid sinking. Anchor the supports to the ground. (Anchors not included)

Recheck all connections and tighten if needed. Fill any small gaps in the slide with silicone sealant and let dry before use. This will prevent any gaps in which clothing or fingers could get caught.

Safe Use: This is for children 2 - 12 years old only. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow it to be used if damaged. Instruct children to never run up the slide and to slide down feet first.

Maintenance: At beginning and end of each play season and once a month during play season, check for cracks in plastic, paying particular attention to the top of slide where attached to platform. Check for rusty screws, missing or loose hardware or evidence of vandalism. Check for cracks in wood or splinters. Replace parts as necessary. Make sure there are no exposed footings, anchoring devices, rocks, roots, holes or any other obstacles in or around the slide. Maintain detailed inspection and maintenance records for public-use playground equipment. Any damage from vandalism, abuse or misuse VOIDS all warranties.

Colors: Blue or Green
Our rotational molded polyethylene scoop slide can be shipped UPS. The insert is 21 x 24.75 x 13. Additional inserts can be added to lengthen the slide. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. The weight limit is 300 lbs.

**Installation, Safe Use and Maintenance Instructions**

**IMPORTANT:** Please read for important information. In this material we have tried to provide some requirements stated in the CPSC Handbooks, ASTM F2373-11, F1487-11 and F1148-09. However, we in no way intend for this to be a complete list of requirements. Also these publications are updated frequently with changes therefore, you should read these publications yourself to determine if any part or installation could prove a danger to a child.

To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website, [www.americanswing.com](http://www.americanswing.com). Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see [http://www.cpsc.gov/cpscpub/pubs/325.pdf](http://www.cpsc.gov/cpscpub/pubs/325.pdf).

Due to the thermo dynamics and lower heat transfer properties of plastics, plastic slides are preferred over metal slides for play equipment. Although plastic slides may become as hot as metal, they insulate better and don’t transfer the heat as quickly. Because of these properties, the Consumer Product Safety Commission (CPSC) recommends plastic slides and plastic surfaces over bare metal. Regardless of lower heat transfer properties, plastic play equipment can still become hot enough -- in extreme temperatures and direct sunlight -- to cause burns. Plastic slides are safe, tried and true, but as is the case with all playground equipment, parents and supervisors must monitor the children in their care, make certain that the equipment is appropriate for their age, and always check playground surfaces for excessive heat before allowing children to play. For more information, contact IPEMA headquarters at [www.communications@ipema.org](http://www.communications@ipema.org) or by calling 1-717-238-1744.

<table>
<thead>
<tr>
<th>Platform</th>
<th>Slide</th>
<th>Angle</th>
<th>Slide + Inserts</th>
<th>Screws Sent with Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>3'</td>
<td>81&quot;</td>
<td>45</td>
<td>1 + 1</td>
<td>8 bolts - 8 nuts - 4 plugs - 16 washers</td>
</tr>
<tr>
<td>4'</td>
<td>102&quot;</td>
<td>47</td>
<td>1 + 2</td>
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<td>52 bolts - 52 nuts - 26 plugs - 104 washers</td>
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</tbody>
</table>
**WARNING:**

Instruct children to never run up the slide and to slide down feet first. Tell children to make sure the bottom of the slide is unobstructed before going down the slide. Do not use slide when wet. Do not use equipment until
fully assembled. Consider proper drainage and place slide in shaded area or located out of direct sun. Slides exposed to intense sun can burn.

No span of the sliding surface should have a slope that exceeds .577 degrees. Handrails or other means of hand support should be installed at the slide chute entrance to make it easy for children to go from standing to sitting. There should be guard rails to transit the child into the slide chute. The transition platform should be as wide as or wider than the slide entrance.

**Installations:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 1-800-433-2573.

Place all scoop slide sections upside down on a flat surface. Install the alignment plugs on all sections in between the slide pieces.

Starting from the Top section, insert four bolts through the Top and first Insert section, and tighten all four bolts evenly. (It is recommended that thread locker is used on all bolts to ensure the connections do not loosen up over time.)

Repeat across all of the inserts. Recheck all of the connections and tighten if needed.

When you are ready to join the bottom piece, you will need to raise the two pieces for proper alignment. This can be accomplished with a wood block, raising the slide approximately 4 to 5 inches. Once all of the connections have been completed, recheck all of the connections and tighten if needed.

Turn the slide over and lift into place. (Use proper lifting techniques to avoid injury. A second person might be required, depending on length and height of the slide.)

There are four predrilled holes in the Top section to fasten the slide to the platform. This connection can be accomplished with lag bolts or through bolts (not included). It is recommended to predrill the holes to avoid splitting the wood of the platform.

Depending on the length of the slide you will need to install support brackets. For a 5’ platform, put support on the first insert piece from the bottom. For a 7’ platform put supports on the first and third from the bottom. For a 9’ platform put supports on the first, third and fifth from the bottom.

Retighten the bolts, and adjust the brackets to firmly place them against the ground. The ground should be packed and level to avoid sinking. Anchor the supports to the ground. (Anchors not included)

Recheck all connections and tighten if needed. Fill any small gaps in the slide with silicone sealant and let dry before use. This will prevent any gaps in which clothing or fingers could get caught.

**Safe Use:** This is for children 2 - 12 years old only. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow it to be used if damaged. Instruct children to never run up the slide and to slide down feet first.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for cracks in plastic, paying particular attention to the top of slide where attached to platform. Check for rusty screws, missing or loose hardware or evidence of vandalism. Check for cracks in wood or splinters. Replace parts as necessary. Make sure there are no exposed footings, anchoring devices, rocks, roots, holes or any other obstacles in or around the slide. Maintain detailed inspection and maintenance records for public-use playground equipment. Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:** Blue or Green
A9000 8’ - Wave Slide – USA – Residential Only
A9500 10’ – no green or red in 10’

Try our rotational molded polyethylene double wave slide for residential use. We have made the wave less pronounced so that the slide is not so fast for small children. It is more flexible to withstand the weather and freight companies. There is a stake hole in the bottom of the slide so that it can be staked to the ground to avoid being picked up. The sides are also scalloped. The 8 ft slide fits a 4 ft platform. The 10 ft slide fits a 5 ft platform. Top lip is 17 ½” wide, seat is 13” wide, sides are 4 ½” deep. Bottom is 19 ¼” wide and the base is 10” from floor to seat. Weight limit 300 lbs.

**Installation, Safe Use and Maintenance Instructions**

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To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website. Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see [http://www.cpsc.gov/cpscpub/pubs/325.pdf](http://www.cpsc.gov/cpscpub/pubs/325.pdf).

Due to the thermo dynamics and lower heat transfer properties of plastics, plastic slides are preferred over metal slides for play equipment. Although plastic slides may become as hot as metal, they insulate better and don’t transfer the heat as quickly. Because of these properties, the Consumer Product Safety Commission (CPSC) recommends plastic slides and plastic surfaces over bare metal.

Regardless of lower heat transfer properties, plastic play equipment can still become hot enough -- in extreme temperatures and direct sunlight -- to cause burns. Plastic slides are safe, tried and true, but as is the case with all playground equipment, parents and supervisors must monitor the children in their care, make certain that the equipment is appropriate for their age, and always check playground surfaces for excessive heat before allowing children to play. For more information, contact IPEMA headquarters at [www.communications@ipema.org](http://www.communications@ipema.org) or by calling 1-717-238-1744.

**WARNING:** Instruct children to never run up the slide and to slide down feet first. Tell children to make sure the bottom of the slide is unobstructed before going down the slide. Do not use slide when wet. Do not use equipment until fully assembled. Consider proper drainage and place slide in shaded area or located out of direct sun. Slides exposed to intense sun can burn.

No span of the sliding surface should have a slope that exceeds .577 degrees. Handrails or other means of hand support should be installed at the slide chute entrance to make it easy for children to go from standing to sitting. There should be guard rails to transit the child into the slide chute. The transition platform should be as wide as or wider than the slide entrance.

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 1-800-433-2573.

There are 2 indentations at the top of the slide to drill in either 2 Truss head wood screws or pan head wood screws. The bottom needs to be on a flat surface preferably one that will not let the end sink in the ground. Place slide in shade so that plastic does not get hot.

**Safe Use:** This is for children 2 - 12 years old only. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow it to be used if damaged. Instruct children to never run up the slide and to slide down feet first.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for cracks in plastic, paying particular attention to the top of slide where attached to platform. Check for rusty screws, missing or loose hardware or evidence of vandalism. Check for cracks in wood or splinters. Replace parts as necessary. Make sure there are no exposed footings, anchoring devices, rocks, roots, holes or any other obstacles in or around the slide. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:** Blue, Green, Red, and Yellow

**Disclaimer 1-10-07** The 10’ SLIDE NEEDS TO BE SHIPPED FREIGHT LINE. BEFORE SIGNING FREIGHT BILL CHECK THE SLIDE OUT FOR DAMAGE. WE CAN NOT REPLACE A DAMAGED SLIDE UNLESS THE FREIGHT BILL IS SIGNED DAMAGED WHEN RECEIVED. IF YOU DO NOT HAVE TIME TO INSPECTION, PLEASE SIGN FREIGHT BILL: MAY BE CONCEALED DAMAGE. IF YOU REQUEST A LIFT GATE AT TIME OF DELIVERY THERE IS AN ADDITIONAL FEE OF $240.00.
**A9008 8’ - Wave Slide – Overseas – Commercial**

**A9510 10’**

Our new wave slides are very durable and built to last. They come in 2 colors only. Blue and green. The 8’ slide is 106 x 28 x 15 and is used on a 4’ platform. The 10’ slide is 119 x 23 x 17 and is used on a 5’ platform. The both need to ship LTL. Weight limit 300 lbs.

**Installation, Safe Use and Maintenance Instructions**

**IMPORTANT:** Please read for important information. In this material we have tried to provide some requirements stated in the CPSC Handbooks, ASTM F2373-11, F1487-11 and F1148-09. However, we in no way intend for this to be a complete list of requirements. Also these publications are updated frequently with changes therefore, you should read these publications yourself to determine if any part or installation could prove a danger to a child.

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Due to the thermo dynamics and lower heat transfer properties of plastics, plastic slides are preferred over metal slides for play equipment. Although plastic slides may become as hot as metal, they insulate better and don’t transfer the heat as quickly. Because of these properties, the Consumer Product Safety Commission (CPSC) recommends plastic slides and plastic surfaces over bare metal.

Regardless of lower heat transfer properties, plastic play equipment can still become hot enough -- in extreme temperatures and direct sunlight -- to cause burns. Plastic slides are safe, tried and true, but as is the case with all playground equipment, parents and supervisors must monitor the children in their care, make certain that the equipment is appropriate for their age, and always check playground surfaces for excessive heat before allowing children to play. For more information, contact IPEMA headquarters at [www.communications@ipema.org](http://www.communications@ipema.org) or by calling 1-717-238-1744.

**WARNING:** Instruct children to never run up the slide and to slide down feet first. Tell children to make sure the bottom of the slide is unobstructed before going down the slide. Do not use slide when wet. Do not use equipment until fully assembled. Consider proper drainage and place slide in shaded area or located out of direct sun. Slides exposed to intense sun can burn.

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 1-800-433-2573.

There are 2 indentations at the top of the slide to drill in either 2 Truss head wood screws or pan head wood screws. The bottom needs to be on a flat surface preferably one that will not let the end sink in the ground. Place slide in shade so that plastic does not get hot.

**Safe Use:** This is for children 2 - 12 years old only. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow it to be used if damaged. Instruct children to never run up the slide and to slide down feet first.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for cracks in plastic, paying particular attention to the top of the slide where attached to platform. Check for rusty screws, missing or loose hardware or evidence of vandalism. Check for cracks in wood or splinters. Replace parts as necessary. Make sure there are no exposed footings, anchoring devices, rocks, roots, holes or any other obstacles in or around the slide. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:** Blue, Green

**DISCLAIMER 1-10-07** The 8 and 10’ SLIDE NEEDS TO BE SHIPPED FREIGHT LINE. BEFORE SIGNING FREIGHT BILL CHECK THE SLIDE OUT FOR DAMAGE. WE CANNOT REPLACE A DAMAGED SLIDE UNLESS THE FREIGHT BILL IS SIGNED DAMAGED WHEN RECEIVED. IF YOU DO NOT HAVE TIME TO INSPECTION, PLEASE SIGN FREIGHT BILL: MAY BE CONCEALED DAMAGE. IF YOU REQUEST A LIFT GATE AT TIME OF DELIVERY THERE IS AN ADDITIONAL FEE OF $240.00.
**SC2 – 2’ Slide Support - Overseas – Commercial**
**SC4 – 4’**
**SC6 – 6’**

See the ScoopC & ScinsC for use

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**Safe Use:** This is for children 2 - 12 years old only. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow it to be used if damaged. Instruct children to never run up the slide and to slide down feet first.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for cracks in plastic, paying particular attention to the top of slide where attached to platform. Check for rusty screws, missing or loose hardware or evidence of vandalism. Check for cracks in wood or splinters. Replace parts as necessary. Make sure there are no exposed footings, anchoring devices, rocks, roots, holes or any other obstacles in or around the slide. Maintain detailed inspection and maintenance records for public-use playground equipment. Any damage from vandalism, abuse or misuse VOIDS all warranties.
SR2 – 2’ Slide Support – Overseas – Residential

SR4 – 4’

SR6 – 6’

See the ScoopR & ScinsR for use

**Safe Use:** This is for children 2 - 12 years old only. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow it to be used if damaged. Instruct children to never run up the slide and to slide down feet first.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for cracks in plastic, paying particular attention to the top of slide where attached to platform. Check for rusty screws, missing or loose hardware or evidence of vandalism. Check for cracks in wood or splinters. Replace parts as necessary. Make sure there are no exposed footings, anchoring devices, rocks, roots, holes or any other obstacles in or around the slide. Maintain detailed inspection and maintenance records for public-use playground equipment. Any damage from vandalism, abuse or misuse VOIDS all warranties.
Spring Animals
**A8500 - Rock-N-Rides - Commercial**

Rock-N-Rides kids will rock around the clock with rock-n-rides! Each durable one-piece cast aluminum unit is built to endure active kids - and Mother Nature. Every unit incorporates an exclusive enclosed rubber spring (boot) to prevent pinching and provides a smooth, controlled ride. The plate is 10" x 10" and holes are 8 1/4" center to center. These are all designed for use by one child under adult supervision.

**Installation, Safe Use and Maintenance Instructions**

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To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website. www.americanswing.com. Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpscpub/pubs/325.pdf.

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Go to www.americanswing.com and then to Resources to see more on Installation of the Spring Riders. For toddlers seat should be between 12 – 16” high. For preschooler seat should be between 14 – 28” high. The use zone should be a minimum of 6’ from the “at rest” perimeter of equipment. It may overlap in certain instances. See CPSC for more information. Determine correct footing locations and dig footings. The hole size may vary depending on local soil, weather conditions and local law. Attach spring to bottom plate using SPR casting. Slide SPR casting through coil of spring. Position casting and attach with ½” x 1 ¾” H.H.B. and ½” lock nuts. Tighten bolts.

Slide SPR casting through coil of spring positioning casting so that it faces the same way as lower casting. Slide spring cover over spring. Compress spring cover and attach top spring to plate using SPR casting. Attach to top plate using ½” x 1 ¾” H.H.B. and ½” lock nuts. Tighten bolts. Pour concrete into footing hole and level off. Using 10” x 10” bottom plat on assembled spring as a template, insert ½” anchor bolts into the concrete. Remove spring assembly. Allow to set 2 – 3 days.

**NOTE:** Allow enough thread on anchor bolts to secure bottom plate to footing. Attach body to spring assembly using 3/8” x ¾” H.H.B. and 3/8” lock nuts. Tighten nuts and peen bolts. Place assembled body into position. Attach bottom plate to anchor bolts using ½” lock nuts and ½” flat washers. Tighten nuts and peen bolts. Install resilient surfacing material.

**Safe Use:** This is for children 2 - 12 years old only. These Rock n rides are designed for use by one child at a time. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for cracks, rust, missing or loose hardware or evidence of vandalism. Make sure there are no tears in rubber boot that children could get their fingers pinched in spring. Tighten and lubricate all metallic moving parts. Replace as needed. Make sure there are no exposed footings, anchoring devices, rocks, roots, holes or any other obstacles in or around spring animals. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
44 lbs. 38 x 20 x 39 - 1 spring

122 lbs. 62 x 30 x 26 – 2 springs

116 lbs. 61 x 52 x 35 – 2 springs
**A8501 – Spring Rider – Commercial**

**The Bird** weights 44 lbs. and the dimensions are 38” x 20” x 39”. This has 1 spring attached and comes in green.

**The Car** weights 122 lbs. and the dimensions are 62” x 30” x 26”. This has 1 spring attached and comes in tan.

**The Shark** weights 116 lbs. and the dimensions are 61” x 52” x 35”. This has 1 spring attached and comes in blue.

The Bird, Car and Shark are designed for use by one child under adult supervision with the Car designed for one to two children under adult supervision. These are made of Linear Low Density Polyethylene. This is a colorless, odorless, innocuous, recyclable plastic that is smooth and safe for the kids. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

**Installation, Safe Use and Maintenance Instructions**

**IMPORTANT:** Please read for important information. In this material we have tried to provide some requirements stated in the CPSC Handbooks, ASTM F2373-11, F1487-11 and F1148-09. However, we in no way intend for this to be a complete list of requirements. Also these publications are updated frequently with changes therefore, you should read these publications yourself to determine if any part or installation could prove a danger to a child.

To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website. www.americanswing.com Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpscpub/pubs/325.pdf.

Regardless of lower heat transfer properties, plastic play equipment can still become hot enough -- in extreme temperatures and direct sunlight -- to cause burns. Plastic slides are safe, tried and true, but as is the case with all playground equipment, parents and supervisors must monitor the children in their care, make certain that the equipment is appropriate for their age, and always check playground surfaces for excessive heat before allowing children to play. For more information, contact IPEMA headquarters at www.communications@ipema.org or by calling 1-717-238-1744.

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

For toddlers seat should be between 12 – 16” high. For preschooler seat should be between 14 – 28” high. The use zone should be a minimum of 6’ from the “at rest” perimeter of equipment. It may overlap in certain instances. See CPSC for more information. Determine correct footing locations and dig footings. The hole size may vary depending on local soil, weather conditions and local law. Dig footing hole – around 18” x 18” x 18” and fill with concrete. You will need to buy 12” long anchor bolts and the diameter depends on the size of the holes in plates, as these vary for each Spring Rider. Using the plate as a template set the anchor bolts in the concrete with enough clearance for the plate and nuts. Allow to set 2 – 3 days. Place base over exposed bolts and push down. Once rider base is flat, replace nuts and washers and tighten down. Base should not move when finished. After the equipment has been in use for several days, check all nuts and bolts and retighten if necessary.

**Safe Use:** This is for children 2 - 12 years old only. **The weight limit on the Bird and Yacht is no more than 69 lbs.** **The weight limit on the Car and Shark is no more than 125 lbs.** Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for cracks, rust, missing or loose hardware or evidence of vandalism. Make sure there are no tears in rubber boot that children could get their fingers pinched in spring. Tighten and lubricate all metallic moving parts. Replace as needed. Make sure there are no exposed footings, anchoring devices, rocks, roots, holes or any other obstacles in or around spring animals. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A8505 Spring Animal Replacement Hardware - Commercial
For Spring Animals, Rock n Rides, Airplanes and Motorcycles

Bottom plate is 10" x 10". Holes are 8.25" center to center. Top plate is 7.5" x 4". Spring is 13 5/8" long and spring with boot is 15" long. The diameter of the spring coil is ¾" and the diameter of the spring is 5 5/8". This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 1200 lbs.

**Installation, Safe Use and Maintenance Instructions**

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To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website. [www.americanswing.com](http://www.americanswing.com). Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see [http://www.cpsc.gov/cpscpupubs/325.pdf](http://www.cpsc.gov/cpscpupubs/325.pdf).

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Go to [www.americanswing.com](http://www.americanswing.com) and then to Resources to see more on Installation of the Spring Riders Determine correct footing locations and dig footings. The hole size may vary depending on local soil, weather conditions and local laws. Attach spring to bottom plate using SPR casting. These have built in threads. Slide SPR casting through coil of spring. Position casting and attach with ½" x 1 ¾" H.H.B. and ½" lock nuts. Tighten bolts.

Slide SPR casting through coil of spring positioning casting so that it faces the same way as lower casting. Slide spring cover over spring. Compress spring cover and attach spring to top plate using SPR casting. Attach to top plate using ½" x 1 ¾" Hex Head Bolt and ½" lock nuts. Tighten bolts.

Pour concrete into footing hole and level off. Using 10" x 10" bottom plat on assembled spring as a template, insert ½" anchor bolts into the concrete. Remove spring assembly. Allow to set 2 – 3 days.

**NOTE:** Allow enough thread on anchor bolts to secure bottom plate to footing.

Attach body to spring assembly using 3/8" x ¾" H.H.B. and 3/8" lock nuts. Tighten nuts and bolts. Place assembled body into position. Attach bottom plate to anchor bolts using ½" lock nuts and ½" flat washers. Tighten nuts and peen bolts. Install resilient surfacing material.

**Safe Use:** This is for children 2 - 12 years old only. These are designed for use by one child at a time. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for cracks, rust, missing or loose hardware or evidence of vandalism. Make sure there are no tears in rubber boot that children could get their fingers pinched in spring. Tighten and lubricate all metallic moving parts. Replace as needed. Make sure there are no exposed footings, anchoring devices, rocks, roots, holes or any other obstacles in or around spring animals. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A8505C Spring Animal Replacement Casting - Commercial
For Spring Animals, Rock n Rides, Airplanes and Motorcycles

The casting is 5” long, 1 ¾” in width and the holes are 1 ¼” center to center. ** Sold as a pair. **

**Installation, Safe Use and Maintenance Instructions**

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Installation: Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Go to www.americanswing.com and then to Resources to see more on Installation of the Spring Riders Determine correct footing locations and dig footings. The hole size may vary depending on local soil, weather conditions and local laws. Attach spring to bottom plate using SPR casting. These have built in threads. Slide SPR casting through coil of spring. Position casting and attach with ½” x 1 ¾” H.H.B. and ½” lock nuts. Tighten bolts.

Slide SPR casting through coil of spring positioning casting so that it faces the same way as lower casting. Slide spring cover over spring. Compress spring cover and attach spring to top plate using SPR casting. Attach to top plate using ½” x 1 ¾” Hex Head Bolt and ½” lock nuts. Tighten bolts.

Pour concrete into footing hole and level off. Using 10” x 10” bottom plat on assembled spring as a template, insert ½” anchor bolts into the concrete. Allow to set 2 – 3 days.

*NOTE: Allow enough thread on anchor bolts to secure bottom plate to footing.

Attach body to spring assembly using 3/8” x ¾” H.H.B. and 3/8” lock nuts. Tighten nuts and bolts. Place assembled body into position. Attach bottom plate to anchor bolts using ½” lock nuts and ½” flat washers. Tighten nuts and peen bolts. Install resilient surfacing material.

Safe Use: This is for children 2 - 12 years old only. These are designed for use by one child at a time. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow it to be used if damaged.

Maintenance: At beginning and end of each play season and once a month during play season, check for cracks, rust, missing or loose hardware or evidence of vandalism. Make sure there are no tears in rubber boot that children could get their fingers pinched in spring. Tighten and lubricate all metallic moving parts. Replace as needed. Make sure there are no exposed footings, anchoring devices, rocks, roots, holes or any other obstacles in or around spring animals. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A8600 - Roto Molded Spring Rides Airplane and Motorcycle – Commercial

The airplane and motorcycle are made of a durable Roto molded polyethylene with weather resistant decals. They come in bright colors that resist fading. Each one comes with an enclosed rubber spring that helps to prevent pinching and provides a smooth ride. Decals are applied with heat. They will be hard to remove and resist fading. The airplane dimensions are 9" from ground to seat, 15" from bottom to top of airplane cabin and is 36" from front to back. The motorcycle is 18" from ground to seat, 25" from bottom to top of handles and is 35" front to back. The plate is 10" square 8.25" center to center.

**Installation, Safe Use and Maintenance Instructions**

**IMPORTANT:** Please read for important information. In this material we have tried to provide some requirements stated in the CPSC Handbooks, ASTM F2373-11, F1487-11 and F1148-09. However, we in no way intend for this to be a complete list of requirements. Also these publications are updated frequently with changes, therefore you should read these publications yourself to determine if any part or installation could prove a danger to a child.

To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website. [www.americanswing.com](http://www.americanswing.com) Download and print these instructions and keep in a safe place. Our website also has a "Product Testing Information" page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see [http://www.cpsc.gov/cpscpub/pubs/325.pdf](http://www.cpsc.gov/cpscpub/pubs/325.pdf).

Regardless of lower heat transfer properties, plastic play equipment can still become hot enough -- in extreme temperatures and direct sunlight -- to cause burns. Plastic slides are safe, tried and true, but as is the case with all playground equipment, parents and supervisors must monitor the children in their care, make certain that the equipment is appropriate for their age, and always check playground surfaces for excessive heat before allowing children to play. For more information, contact IPEMA headquarters at [www.communications@ipema.org](http://www.communications@ipema.org) or by calling 1-717-238-1744.

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Go to [www.americanswing.com](http://www.americanswing.com) and then to Resources to see more on Installation of the Spring Riders For toddlers seat should be between 12 – 16" high. For preschooler seat should be between 14 – 28" high. The use zone should be a minimum of 6' from the "at rest" perimeter of equipment. It may overlap in certain instances. See CPSC for more information. Determine correct footing locations and dig footings. The hole size may vary depending on local soil, weather conditions and local laws. Attach spring to bottom plate using SPR casting. These have built in threads. Slide SPR casting through coil of spring. Position casting and attach with ½” x 1 ¾” H.H.B. and ½” lock nuts. Tighten bolts.

Slide SPR casting through coil of spring positioning casting so that it faces the same way as lower casting. Slide spring cover over spring. Compress spring cover and attach spring to top plate using SPR casting. Attach to top plate using ½” x 1 ¾” Hex Head Bolt and ½” lock nuts. Tighten bolts. Pour concrete into footing hole and level off. Using 10” x 10” bottom plat on assembled spring as a template, insert ½” anchor bolts into the concrete. Remove spring assembly. Allow to set 2 – 3 days.

*NOTE:* Allow enough thread on anchor bolts to secure bottom plate to footing.

Attach body to spring assembly using 3/8” x 3/4” H.H.B. and 3/8” lock nuts. Tighten nuts and bolts. Place assembled body into position. Attach bottom plate to anchor bolts using ½” lock nuts and ½” flat washers. Tighten nuts and peen bolts. Install resilient surfacing material.

**Safe Use:** This is for children 2 - 12 years old only. These Rock n r rides are designed for use by one child at a time. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow it to be used if damaged.

**Maintenance** At beginning and end of each play season and once a month during play season, check for cracks, rust, missing or loose hardware or evidence of vandalism. Make sure there are no tears in rubber boot that children could get their fingers pinched in spring. Tighten and lubricate all metallic moving parts. Replace as needed. Make sure there are no exposed footings, anchoring devices, rocks, roots, holes or any other obstacles in or around spring animals. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:** Blue, Green, Red and Yellow
Swing Hangers
A2000 - 2 3/8” O.D. Ductile Iron Swing Hanger - Commercial

Made of strong ductile iron and galvanized to resist rust, these swing hangers feature an "oil lite" bronze bearing and axle bolt, which threads into the frame with a nut for double protection and extra safety. This hanger fits a standard Schedule 40 two inch pipe. Do not torque more than 25 ft-lbs. when installing. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 10700 lbs. **Sold as each.**

**Installation, Safe Use and Maintenance Instructions**

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Installation: Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

This hanger is made for a schedule 40 2” I.D. pipe which is 2 3/8” O.D. Determine spacing of swing hangers on pipe by consulting either Figure 23, Table 7 for commercial swings, or for residential sets see spacing dimensions for ASTM 1148 diagram. Mark pipe with correct spacing. Place the two halves of the hanger around the pipe. The round swinging pendulum will be facing downwards. The side bolts are placed with the heads on the top of the hanger and the threads facing downwards with the nuts on the bottom. Tighten the side bolts to touch and using no more than 25 lbs. of torque. The top and bottom hanger do not have to be flush. There can be a space between the two halves. After tightening, the threads should not be showing more than two threads past the nut, and the hanger should fit snuggly on the pipe. Grease or oil bushings if squeaking noises are heard. You will need to use S-hooks or H-shackles from the chain to the swing hangers. Make sure the S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. Close according to Fig A1.19 for Fastening Devices. **WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking.** If using an H-shackle the large end goes thru the swing hanger. Using a A5750 wrench to open and close bolts. Make sure that if you are using shackles they are also tightened.

Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. **Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.**

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. **Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.**

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at [http://www.mindspring.com/~safetyplay](http://www.mindspring.com/~safetyplay).

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in hanger, paying particular attention to surface around bolt holes. Check to see if oil lite bearing in swing hanger pendulum is worn or cracking. When worn or cracked, replace pendulum. Check for vandalism. Replace parts if necessary. Check to make sure lock nuts are tight. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A2014 - 2 3/8” O.D Swing Hanger w/Shackle Pendulum - Commercial

This is a galvanized ductile iron swing hanger with a shackel pendulum, opening ½”. These hangers are cast in two halves. The lower half of the swing hanger body has a shackle pendulum with a sintered bronze bearing incorporated into it to reduce wear. These bearings do not need to be oiled as the bronze is impregnated with oil. The pendulum is 1” wide and has a shackel with bolt so that there is no need for a connecting S-hook. The shackel pendulum is tamper resistant. It requires an allen wrench with a special pin hole head. The two halves of the hangers are bolted together with a 12mm carriage bolt and a hex lock tight nut. The pendulum is held to the hanger with a #12 axle bolt with a long shoulder, so the bearing does not ride on the threads. It also has a lock tight nut. This hanger fits a standard Schedule 40 two inch pipe. Do not torque more than 25 ft-lbs. when installing. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 7900 lbs. Sold as each.

**Installation, Safe Use and Maintenance Instructions**

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To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website, www.americanswing.com Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpscpupubs/325.pdf.

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

This hanger is made for a schedule 40 2” I.D. pipe which is 2 3/8” O.D. Determine spacing of swing hangers on pipe by consulting either Figure 23, Table 7 for commercial swings, or for residential sets see spacing dimensions for ASTM 1148 diagram. Mark pipe with correct spacing. Place the two halves of the hanger around the pipe. The shackel pendulum will be facing downwards. The side bolts are placed with the heads on the top of the hanger and the threads facing downwards with the nuts on the bottom. Tighten the side bolts to touch and using no more than 25 lbs. of torque. The top and bottom hanger do not have to be flush. There can be a space between the two halves. After tightening, the threads should not be showing more than two threads past the nut, and the hanger should fit snugly on the pipe. Grease or oil bushings if squeaking noises are heard. UnscREW bolt, put last link of chain on bolt and then screw bolt back in using the A5750 wrench. Check that the bolt is attached with no more than 2 threads showing beyond nut.

Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in hanger, paying particular attention to surface around bolt holes. Check to see if oil lite bearing in swing hanger pendulum is worn or cracking. When worn or cracked, replace pendulum. Check for vandalism. Replace parts if necessary. Check to make sure lock nuts are tight. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A2016 - 2 3/8" O.D. Non Wrap Swing Hanger - Commercial

Our non-wrap swing hangers with shackle pendulum, opening ½”, have been redesigned with a smoother top to better meet protrusion regulations. 2 3/8” O.D. these non-wrap hangers help prevent swing chain from getting caught on top of swing sets and wrapping around the pipe. This is a safety issue that helps keep the stress from the chain and fasteners, and keeps the motion on the swing hanger, where it belongs. It helps the chain and fasteners from being worn prematurely from friction. These hangers can replace regular swing hangers without dismantling a swing set. They are made of galvanized steel and a nylon sleeve. Pipe is sold as inside diameter. A inside diameter 2” schedule 40 pipe is 2 3/8’ outside diameter and and 7 3/4” in Circumference. This hanger fits a standard Schedule 40 two inch pipe. Do not torque more than 25ft-lbs. when installing. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 8900 lbs. Sold as each.

**Installation, Safe Use and Maintenance Instructions**

**Installation:***

Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

This hanger is made for a schedule 40 2” I.D. pipe which is 2 3/8” O.D. Determine spacing of swing hangers on pipe by consulting either Figure 23, Table 7 for commercial swings, or for residential sets see spacing dimensions for ASTM 1148 diagram. Mark pipe with correct spacing. Remove H-Shackle by using our A5750 wrench with a pin hole to remove the tamper proof bolt. Open the swing hanger into half. Then, remove plastic collar. Place plastic collar on pipe. Match up alignment tabs. Make sure that both halves are aligned. Using a 3/16 drill bit, drill four holes into pipe where you wish the swing hanger to be placed. Screw in one #12 self-tapping screw into the plastic insert and make sure that the hanger inserts align properly. Then screw in the remaining three screws. Put the steel hanger around the plastic collar. Attach the hanger around the plastic sleeve by inserting the h-shackle. Insert the tamper proof bolt using a wrench with a pin hole after putting Medium Blue Loctite on the bolt threads to prevent it from backing out. Check spinning action to make sure there is no binding, and using a grease gun put a sufficient amount of standard grease into the plastic sleeve through the grease fitting. Just push down on the spot and you will see the grease come out when it is full. We have used a McKay Molybdenum Disulfide grease cartridge, but any standard grease cartridge from any auto part store should be sufficient. Unscrew bolt, put last link of chain on bolt and then screw bolt back in using the A5750 wrench. Check that the bolt is attached with no more than 2 threads showing beyond nut.

Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. **Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.**

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. **Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards.** Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at [http://www.mindspring.com/~safetyplay](http://www.mindspring.com/~safetyplay). To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website, [www.americanswing.com](http://www.americanswing.com) Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see [http://www.cpsc.gov/cpscpub/pubs/325.pdf](http://www.cpsc.gov/cpscpub/pubs/325.pdf).

**Safe Use:**

This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:**

At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in hanger, paying particular attention to plastic collar. It should also be determined at this time whether more grease should be added to maintain the swing hanger to move freely. Check to see if H-shackle is worn or cracking. Check that tamper bolts in shackle are tight. When shackle is worn or cracked, replace shackle. Check that self-tapping screws in sleeve are not missing or loose. Check for vandalism. Replace parts if necessary. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A2024 - 3 1/2” O.D. Swing Hanger w/Shackle Pendulum - Commercial

This is a galvanized ductile iron swing hanger with a shackle pendulum, opening ½”. These hangers are cast in two halves. The lower half of the swing hanger body has a shackle pendulum with a sintered bronze bearing incorporated into it to reduce wear. These bearings do not need to be oiled as the bronze is impregnated with oil. The pendulum is 1” wide and has a shackle with bolt so that there is no need for a connecting S-hook. The shackle pendulum is tamper resistant. It requires an allen wrench with a special pin hole head. The two halves of the hangers are bolted together with a 12mm carriage bolt and a hex lock tight nut. The pendulum is held to the hanger with a #12 axle bolt with a long shoulder, so the bearing does not ride on the threads. It also has a lock tight nut. This hanger fits a standard Schedule 40 three inch pipe. Do not torque more than 25ft-lbs when installing. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 8600 lbs. Sold as each.

**Installation, Safe Use and Maintenance Instructions**

**IMPORTANT:** Please read for important information. In this material we have tried to provide some requirements stated in the CPSC Handbooks, ASTM F2373-11, F1487-11 and F1148-09. However, we in no way intend for this to be a complete list of requirements. Also these publications are updated frequently with changes, therefore, you should read these publications yourself to determine if any part or installation could prove a danger to a child.

To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website. www.americanswing.com. Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpscpub/pubs/325.pdf.

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

This hanger is made for a schedule 40 3” I.D. pipe which is 3 1/2” O.D. Determine spacing of swing hangers on pipe by consulting either Figure 23, Table 7 for commercial swings, or for residential sets see spacing dimensions for ASTM 1148 diagram. Mark pipe with correct spacing. Place the two halves of the hanger around the pipe. The shackle pendulum will be facing downwards. The side bolts are placed with the heads on the top of the hanger and the threads facing downwards with the nuts on the bottom. Tighten the side bolts to touch and using no more than 25 lbs. of torque. The top and bottom hanger do not have to be flush. There can be a space between the two halves. After tightening, the threads should not be showing more than two threads past the nut, and the hanger should fit snugly on the pipe. Grease or oil bushings if squeaking noises are heard. Unscrew bolt, put last link of chain on bolt and then screw bolt back in using the A5750 wrench. Check that the bolt is attached with no more than 2 threads showing beyond nut.

Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in hanger, paying particular attention to surface around bolt holes. Check to see if oil lite bearing in swing hanger pendulum is worn or cracking. When worn or cracked, replace pendulum. Check for vandalism. Replace parts if necessary. Check to make sure lock nuts are tight. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
**A2026 – 3 1/2" O.D. Non Wrap Swing Hanger - Commercial**

Our non-wrap swing hangers with shackle pendulum, opening ½", have been redesigned with a smoother top to better meet protrusion regulations. 3 1/2" O.D. these non-wrap hangers help prevent swing chain from getting caught on top of swing sets and wrapping around the pipe. This is a safety issue that helps keep the stress from the chain and fasteners, and keeps the motion on the swing hanger, where it belongs. It helps the chain and fasteners from being worn prematurely from friction. These hangers can replace regular swing hangers without dismantling a swing set. They are made of galvanized steel and a nylon sleeve. Pipe is sold as inside diameter. A inside diameter 3" schedule 40 pipe is 3 1/2 outside diameter and 11" in Circumference. This hanger fits a standard Schedule 40 three inch pipe. Do not torque more than 25ft-lbs. when installing. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 9960 lbs. Sold as each.

**installation, Safe Use and Maintenance Instructions**

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To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website, www.americanswing.com. Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpscpub/pubs/325.pdf.

**installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

This hanger is made for a schedule 40 3” I.D. pipe which is 3 1/2” O.D. Determine spacing of swing hangers on pipe by consulting either Figure 23, Table 7 for commercial swings, or for residential sets see spacing dimensions for ASTM 1148 diagram. Mark pipe with correct spacing. Remove H-Shackle by using our A5750 wrench with a pin hole to remove the tamper proof bolt. Open the swing hanger into half. Then, remove plastic collar. Place plastic collar on pipe. Match up alignment tabs. Make sure that both halves are aligned. Using a 3/16 drill bit, drill four holes into pipe where you wish the swing hanger to be placed. Screw in one #12 self-tapping screw into the plastic insert and make sure that the hanger inserts align properly. Then screw in the remaining three screws. Put the steel hanger around the plastic collar. Attach the hanger around the plastic sleeve by inserting the h-shackle. Insert the tamper proof bolt using a wrench with a pin hole after putting Medium Blue Loctite on the bolt threads to prevent it from backing out. Check spinning action to make sure there is no binding, and using a grease gun put a sufficient amount of standard grease into the plastic sleeve through the grease fitting. Just push down on the spot and you will see the grease come out when it is full. We have used a McKay Molybdenum Disulfide grease cartridge, but any standard grease cartridge from any auto part store should be sufficient. Unscrew bolt, put last link of chain on bolt and then screw bolt back in using the A5750 wrench. Check that the bolt is attached with no more than 2 threads showing beyond nut.

Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in hanger, paying particular attention to plastic collar. It should also be determined at this time whether more grease should be added to maintain the swing hanger to move freely. Check to see if H-shackle is worn or cracking. Check that tamper bolts in shackle are tight. When shackle is worn or cracked, replace shackle. Check that self-tapping screws in sleeve are not missing or loose. Check for vandalism. Replace parts if necessary. Maintain detailed inspection and maintenance records for public-use playground equipment.
Any damage from vandalism, abuse or misuse VOIDS all warranties.
A2500 - 3 1/2” O.D. Ductile Iron Swing Hanger - Commercial

Made of strong ductile iron and galvanized to resist rust, these swing hangers feature an “oil lite” bronze bearing and axle bolt, which threads into the frame with a nut for double protection and extra safety. This hanger fits a standard Schedule 40 three inch pipe. Do not torque more than 25ft-lbs when installing. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 9400 lbs. Sold as each.

**Installation, Safe Use and Maintenance Instructions**

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

This hanger is made for a schedule 40 3” I.D. pipe which is 3 1/2” O.D. Determine spacing of swing hangers on pipe by consulting either Figure 23, Table 7 for commercial swings, or for residential sets see spacing dimensions for ASTM 1148 diagram. Mark pipe with correct spacing. Place the two halves of the hanger around the pipe. The round swinging pendulum will be facing downwards. The side bolts are placed with the heads on the top of the hanger and the threads facing downwards with the nuts on the bottom. Tighten the side bolts to touch and using no more than 25 lbs. of torque. The top and bottom hanger do not have to be flush. There can be a space between the two halves. After tightening, the threads should not be showing more than two threads past the nut, and the hanger should fit snugly on the pipe. Grease or oil bushings if squeaking noises are heard. You will need to use S-hooks or H-shackles from the chain to the swing hangers. Make sure the S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. Close according to Fig A1.19 for Fastening Devices.

WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. If using an H-shackle the large end goes thru the swing hanger. Using a A5750 wrench to open and close bolts. Make sure that if you are using shackles they are also tightened.

Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in hanger, paying particular attention to surface around bolt holes. Check to see if oil lite bearing in swing hanger pendulum is worn or cracking. When worn or cracked, replace pendulum. Check for vandalism. Replace parts if necessary. Check to make sure lock nuts are tight. Maintain detailed inspection and maintenance records for public-use playground equipment.
Any damage from vandalism, abuse or misuse VOIDS all warranties.
A2600 – 2 3/8” O.D. Stamped Galvanized Steel Pipe Swing Hangers – Commercial

This swing hanger is 2 3/8” O.D. with a 7.75” circumference and features an “oil lite” bronze bearing and axle bolt with lock tight nut. The stamped steel has more ability to bend so they will not snap when torqued too tightly. The lower half of the swing hanger body has a figure eight pendulum with a sintered bronze bearing incorporated into it, to reduce wear. The bronze is impregnated with oil so the bearings do not have to be oiled. The pendulum is 1” wide and is a completely closed figure eight so that the connecting S-hook or shackle cannot be dislodged from the hanger. The two halves of the hanger are bolted together with a 12mm carriage bolt with a hex lock tight nut. The pendulum is held to the hanger with a #12 axle bolt with a long shoulder so the bearing does not ride on the threads. It also has a lock tight nut. This hanger fits a standard Schedule 40 two inch pipe. Do not torque more than 25ft-lbs. when installing. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 9200 lbs.  **Sold as each.**

**Installation, Safe Use and Maintenance Instructions**

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

This hanger is made for a schedule 40 2” I.D. pipe which is 2 3/8” O.D. Determine spacing of swing hangers on pipe by consulting either Figure 23, Table 7 for commercial swings, or for residential sets see spacing dimensions for ASTM 1148 diagram. Mark pipe with correct spacing. Place the two halves of the hanger around the pipe. The round swinging pendulum will be facing downwards. The side bolts are placed with the heads on the top of the hanger and the threads facing downwards with the nuts on the bottom. Tighten the side bolts to touch and using no more than 25 lbs. of torque. The top and bottom hanger do not have to be flush. There can be a space between the two halves. After tightening, the threads should not be showing more than two threads past the nut, and the hanger should fit snugly on the pipe. Grease or oil bushings if squeaking noises are heard. You will need to use S-hooks or H-shackles from the chain to the swing hangers. Make sure the S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. Close according to Fig A1.19 for Fastening Devices. **WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking.** If using an H-shackle the large end goes thru the swing hanger. Using a A5750 wrench to open and close bolts. Make sure that if you are using shackles they are also tightened.

Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. **Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.**

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. **Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.**

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in hanger, paying particular attention to surface around bolt holes. Check to see if oil lite bearing in swing hanger pendulum is worn or cracking. When worn or cracked, replace pendulum. Check for vandalism. Replace parts if necessary. Check to make sure lock nuts are tight. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
**Installation, Safe Use and Maintenance Instructions**

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This hanger is made for a schedule 40 3" I.D. pipe which is 3 1/2" O.D. Determine spacing of swing hangers on pipe by consulting either Figure 23, Table 7 for commercial swings, or for residential sets see spacing dimensions for ASTM 1148 diagram. Mark pipe with correct spacing. Place the two halves of the hanger around the pipe. The round swinging pendulum will be facing downwards. The side bolts are placed with the heads on the top of the hanger and the threads facing downwards with the nuts on the bottom. Tighten the side bolts to touch and using no more than 25 lbs. of torque. The top and bottom hanger do not have to be flush. There can be a space between the two halves. After tightening, the threads should not be showing more than two threads past the nut, and the hanger should fit snugly on the pipe. Grease or oil bushings if squeaking noises are heard. You will need to use S-hooks or H-shackles from the chain to the swing hangers. Make sure the S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. Close according to Fig A1.19 for Fastening Devices. **WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking.** If using an H-shackle the large end goes thru the swing hanger. Using a A5750 wrench to open and close bolts. Make sure that if you are using shackles they are also tightened. Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. **Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.**

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. **Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.**

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at [http://www.mindspring.com/~safetyplay](http://www.mindspring.com/~safetyplay).

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in hanger, paying particular attention to surface around bolt holes. Check to see if oil lite bearing in swing hanger pendulum is worn or cracking. When worn or cracked, replace pendulum. Check for vandalism. Replace parts if necessary. Check to make sure lock nuts are tight. Maintain detailed inspection and maintenance records for public-use playground equipment.

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**Installation, Safe Use and Maintenance Instructions**

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 1-800-433-2573.

This swing hanger is made for a schedule 40 4" I.D. pipe which is 4 1/2" O.D. Determine spacing of swing hangers on pipe by consulting either Figure 23, Table 7 for commercial swings, or for residential sets see spacing dimensions for ASTM 1148 diagram. Mark pipe with correct spacing. Place the two halves of the hanger around the pipe. The round swinging pendulum will be facing downwards. The side bolts are placed with the heads on the top of the hanger and the threads facing downwards with the nuts on the bottom. Tighten the side bolts to touch and using no more than 25 lbs. of torque. The top and bottom hanger do not have to be flush. There can be a space between the two halves. After tightening, the threads should not be showing more than two threads past the nut, and the hanger should fit snugly on the pipe. Grease or oil bushings if squeaking noises are heard. You will need to use S-hooks or H-shackles from the chain to the swing hangers. Make sure the S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. Close according to Fig A1.19 for Fastening Devices. WARNING: Once the S-hooks have been opened they have to be replaced to avoid injuries from coming open and/or breaking. If using an H-shackle the large end goes thru the swing hanger. Using a A5750 wrench to open and close bolts. Make sure that if you are using shackles they are also tightened.

Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in hanger, paying particular attention to surface around bolt holes. Check to see if oil lite bearing in swing hanger pendulum is worn or cracking. When worn or cracked, replace pendulum. Check for vandalism. Replace parts if necessary. Check to make sure lock nuts are tight. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A2680 – 5” O.D. Stamped Galvanized Steel Pipe Swing Hangers – Commercial

This swing hanger is 5” O.D. with a 15.7” circumference and features an “oil life” bronze bearing and axle bolt with lock tight nut. The stamped steel has more ability to bend so they will not snap when torqued too tightly. The lower half of the swing hanger has a figure eight pendulum with a sintered bronze bearing incorporated into it, to reduce wear. The bronze is impregnated with oil so the bearings do not have to be oiled. The pendulum is 1” wide and is a completely closed figure eight so that the connecting S-hook or shackle cannot be dislodged from the hanger. The two halves of the hanger are bolted together with a 12mm carriage bolt with a hex lock tight nut. The pendulum is held to the hanger with a #12 axle bolt with a long shoulder so the bearing does not ride on the threads. It also has a lock tight nut. This hanger fits a standard Schedule 40 four and half inch pipe. Do not torque more than 25ft-lbs. when installing. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 7500 lbs. Sold as each.

**Installation, Safe Use and Maintenance Instructions**

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To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website. www.americanswing.com Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpscpub/pubs/325.pdf.

Installation: Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

This hanger is made for a schedule 40 4 1/2” I.D. pipe which is 5” O.D. Determine spacing of swing hangers on pipe by consulting either Figure 23, Table 7 for commercial swings, or for residential sets see spacing dimensions for ASTM 1148 diagrams. Mark pipe with correct spacing. Place the two halves of the hanger around the pipe. The round swinging pendulum will be facing downwards. The side bolts are placed with the heads on the top of the hanger and the threads facing downwards with the nuts on the bottom. Tighten the side bolts to touch and using no more than 25 lbs. of torque. The top and bottom hanger do not have to be flush. There can be a space between the two halves. After tightening, the threads should not be showing more than two threads past the nut, and the hanger should fit snuggly on the pipe. Grease or oil bushings if squeaking noises are heard. You will need to use S-hooks or H-shackles from the chain to the swing hangers. Make sure the S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. Close according to Fig A1.19 for Fastening Devices. WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. If using an H-shackle the large end goes thru the swing hanger. Using a A5750 wrench to open and close bolts. Make sure that if you are using shackles they are also tightened.

Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay.

Safe Use: This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

Maintenance: At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in hanger, paying particular attention to surface around bolt holes. Check to see if oil lite bearing in swing hanger pendulum is worn or cracking. When worn or cracked, replace pendulum. Check for vandalism. Replace parts if necessary. Check to make sure lock nuts are tight. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
**Installation, Safe Use and Maintenance Instructions**

**A2700 Galvanized Steel Wood Beam Hanger - Commercial**

This wood beam hanger only uses one bolt. It has teeth on top of the hanger to prevent it from turning after installation. It is a very strong hanger and can be used for both commercial and residential use. It measures 2 ¼ x 1 14/4 and uses a 12mm bolt not included. It has an “oil lite” bronze bearing and axle bolt with lock tight nut. It accepts a 12mm bolt. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 9900 lbs. **Sold as each.**

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**Installation** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

The beam hanger must have pendulum removed by loosening nut and removing bolt holding pendulum in swing hanger. The long part of hanger is placed perpendicular to wood beam. Determine spacing of swing hangers on wood beam by consulting either Figure 23, Table 7 for commercial swings, or for residential sets see spacing dimensions for ASTM 1148 diagram. Mark wood beam with correct spacing, then place hanger on bottom of wood beam and mark hole with pencil. Using a power drill with a 3/8" bit, drill holes through wood beam. Insert appropriate length carriage bolt with flat washer on either side of wood beam, so carriage bolt points downwards. The bolt, washers and nut are not included. Pay attention to bolt length. It must be long enough to go through hanger, but not so long as to impede re-attachment of pendulum. After inserting bolt, attach lock nut to carriage bolt and bottom washer. Teeth on top of hanger should sink into wood as nut is tightened. If necessary, hit hanger with rubber mallet, so that teeth are firmly sunk in wood. This will prevent hanger from turning. Check that the bolt is attached with no more than two threads showing beyond the nut. Check to see bolt is straight and nut is tight. Make sure swing hanger is straight. Replace pendulum into hanger, making sure nut is tight with no more than two threads protruding past nut, and that the pendulum can swing freely. You will need to use S-hooks or H-shackles from the chain to the swing hangers. Make sure the S-hooks are closed to within .04 to .05 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. Close according to Fig A1.19 for Fastening Devices. **WARNING:** Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. If using an H-shackle the large end goes thru the swing hanger. Using a A5750 wrench to open and close bolts. Make sure that if you are using shackles they are also tightened.

Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. **Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.**

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. **Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards.** Where applicable, hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in hanger, paying particular attention to surface around bolt hole. Check for cracks in wood around bolt hole. Check to see if oil lite bearing in swing hanger pendulum is worn or cracking. When worn or cracked, replace pendulum. Check for vandalism. Replace parts if necessary. Check to make sure lock nuts are tight. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A2705 Wood Beam Hanger w/Shackle Pendulum – Commercial

Galvanized steel wood beam hanger with shackle pendulum, ½” opening, uses only one bolt with teeth on top of the hanger to prevent it from turning after installation. Plate is 2 ¼” x 1 ¼” and uses a 12mm bolt not included. It has an “oil lite” bronze bearing and axle bolt with lock tight nut and accepts a 12mm bolt. It has a shackle pendulum that does not require an S-hook for connections to the chain but is tamper resistant and requires an allen wrench with special hole to open and close. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 10600 lbs. **Sold as each.**

**Installation, Safe Use and Maintenance Instructions**

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

The beam hanger must have pendulum removed by loosening nut and removing bolt holding pendulum in swing hanger. The long part of hanger is placed perpendicular to wood beam. Determine spacing of swing hangers on wood beam by consulting either Figure 23, Table 7 for commercial swings, or for residential sets see spacing dimensions for ASTM 1148 diagram. Mark wood beam with correct spacing, then place hanger on bottom of wood beam and mark hole with pencil. Using a power drill with a ½” bit, drill holes through wood beam. Insert appropriate length carriage bolt with flat washer on either side of wood beam, so carriage bolt points downwards. The bolt, washers and nut are not included. Pay attention to bolt length. It must be long enough to go through hanger, but not so long as to impede re-attachment of pendulum. After inserting bolt, attach lock nut to carriage bolt and bottom washer. Teeth on top of hanger should sink into wood as nut is tightened. If necessary, hit hanger with rubber mallet, so that teeth are firmly sunk in wood. This will prevent hanger from turning. Check that the bolt is attached with no more than two threads showing beyond the nut. Check to see bolt is straight and nut is tight. Make sure swing hanger is straight. Replace pendulum into hanger, making sure nut is tight with no more than two threads protruding past nut, and that the pendulum can swing freely. Unscrew bolt, put last link of chain on bolt and then screw bolt back in using the A5750 wrench. Check that the bolt is attached with no more than 2 threads showing beyond nut. Close according to Fig A1.19 for Fastening Devices. **WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking.**

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in hanger, paying particular attention to surface around bolt hole. Check for cracks in wood around bolt hole. Check to see if oil lite bearing in swing hanger pendulum is worn or cracking. When worn or cracked, replace pendulum. Check for vandalism. Replace parts if necessary. Check to make sure both lock nuts are tight. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A2750 Wood Beam Swing Hanger - Commercial

Made of strong ductile iron and galvanized to resist rust, these swing hangers feature a .51 ID oil light bearing and axle bolt. Use on wooden swing frames. Plate is 5 1/4” x 2” with ½” holes that are 3 3/4” center to center. The hole ID is 1” top to bottom and 3/4” side to side. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 10000 lbs. Sold as each.

**Installation, Safe Use and Maintenance Instructions**

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

The beam hanger will have a long base with two ½” bolt holes on either end of the base. The long base is installed lengthwise on the beam, not perpendicular. To attach hanger first determine spacing by either Figure 23, Table 7 for commercial swings, or for residential sets see spacing dimensions for ASTM 1148 diagram Mark wood beam with correct spacing, then place hanger on bottom of wood beam and mark holes with pencil. Using a power drill with a ½” bit, drill holes through wood beam. Insert appropriate length carriage bolt with flat washer on either side of wood beam, so carriage bolt points downwards. The bolts, washers and nuts are not included. Attach lock nut to carriage bolt and bottom washer. Check that the bolt is attached with no more than two threads showing beyond the nut. Check to see bolt is straight and nut is tight. Make sure swing hanger is straight. Repeat this process with the other hole in swing hanger. You will need to use S-hooks or H-shackles from the chain to the swing hangers. Make sure the S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. Close according to Fig A1.19 for Fastening Devices. **WARNING:** Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. If using an H-shackle the large end goes thru the swing hanger. Using a A5750 wrench to open and close bolts. Make sure that if you are using shackles they are also tightened.

Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. **Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.**

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. **Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.**

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in hanger, paying particular attention to surface around bolt holes. Check for cracks in wood around bolt hole. Check to see if oil lite bearing in swing hanger pendulum is worn or cracking. When worn or cracked, replace pendulum. Check for vandalism. Replace parts if necessary. Check to make sure lock nuts are tight. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
This is a replacement pendulum ¾" wide with an oil lite bronze bearing to be used in both ductile iron and stamped steel hangers. Uses 12mm bolt and nut not included. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 12800 lbs. **Sold as each.**

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Take the bolt out of swing hanger to replace old pendulum with this new one. Make sure that when you place bolt back through bushing in pendulum that the nut is reattached snugly. After tightening, the threads should not be showing more than two threads past the nut. You will need to use S-hooks or shackles from the chain to the swing hangers. Make sure the S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. Close according to Fig A1.19 for Fastening Devices. **WARNING:** Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. If using an H-shackle the large end goes thru the swing hanger. Using a A5750 wrench to open and close bolts. Make sure that if you are using shackles they are also tightened.

**Safe Use:** This is for children 0 - 12 year olds only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in hanger, paying particular attention to surface around bolt holes. Check to see if oil lite bearing in swing hanger pendulum is worn or cracking. When worn or cracked, replace pendulum. Check for vandalism. Replace parts if necessary. Check to make sure lock nuts are tight. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A2775 - 1” Iron Pendulums – Commercial

This is a replacement pendulum 1” wide with an oil lite bronze bearing to be used in both ductile iron and stamped steel hangers. Uses 12mm bolt and nut not included. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 11800 lbs. **Sold as each.**

**Installation, Safe Use and Maintenance Instructions**

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Take the bolt out of swing hanger to replace old pendulum with this new one. Make sure that when you place bolt back through bushing in pendulum that the nut is reattached snugly. After tightening, the threads should not be showing more than two threads past the nut. You will need to use S-hooks or shackles from the chain to the swing hangers. Make sure the S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. Close according to Fig A1.19 for Fastening Devices. **WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking.** If using an H-shackle the large end goes thru the swing hanger. Using a A5750 wrench to open and close bolts. Make sure that if you are using shackles they are also tightened.

**Safe Use:** This is for children 0 - 12 year olds only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in hanger, paying particular attention to surface around bolt holes. Check to see if oil lite bearing in swing hanger pendulum is worn or cracking. When worn or cracked, replace pendulum. Check for vandalism. Replace parts if necessary. Check to make sure lock nuts are tight. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A2776 – 1” Shackle Pendulum – Commercial

This shackle pendulum, opening ½”, will save the cost and hassle of installing an S-hook. Use this to attach chains to swing hangers. Bolt pin has a tamper resistant head that requires an allen wrench with special hole to open and close. Can be used with any ductile iron or stamped steel hanger. The ID of the bearing is 13.1mm +/-0.05. Uses 12mm bolt and nut not included. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 8300 lbs. Sold as each.

**Installation, Safe Use and Maintenance Instructions**

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Take the bolt out of swing hanger to replace old pendulum with this new one. Make sure that when you place bolt back through bushing in pendulum that the nut is reattached snugly. After tightening, the threads should not be showing more than two threads past the nut. Open bolt on bottom of shackle pendulum using an A5750 wrench. Reattach chain to bolt. Retighten bolt to shackle pendulum using the A5750 wrench.

**Safe Use:** This is for children 0 - 12 year olds only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in hanger, paying particular attention to surface around bolt holes. Check to see if oil lite bearing in swing hanger pendulum is worn or cracking. When worn or cracked, replace pendulum. Check for vandalism. Replace parts if necessary. Check to make sure lock nuts are tight. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A2778 – 12mm Bolt & Nut – Commercial

This is a replacement steel 12mm Bolt & Nut to be used in both ductile iron and stamped steel hangers. The bolt is 2 7/8” long with 1” threaded. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. **Sold as each.**

**Installation, Safe Use and Maintenance Instructions**

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Use this bolt and nut to assemble pendulum to swing hangers, if old bolt or nut is worn, damaged or missing. Make sure that when you place bolt back through bushing in pendulum that the nut is reattached snugly. After tightening, the threads should not be showing more than two threads past the nut.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in hanger, paying particular attention to surface around bolt holes. Check to see if oil lite bearing in swing hanger pendulum is worn or cracking. When worn or cracked, replace pendulum. Check for vandalism. Replace parts if necessary. Check to make sure lock nuts are tight. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A2779 – 12mm Bolt Only – Commercial

This is a replacement steel 12mm Bolt for A2750 - 114 - 115 - 124 - 125 swing hangers. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. **Sold as each.**

**Installation, Safe Use and Maintenance Instructions**

**IMPORTANT:** Please read for important information. In this material we have tried to provide some requirements stated in the CPSC Handbooks, ASTM F2373-11, F1487-11 and F1148-09. However, we in no way intend for this to be a complete list of requirements. Also these publications are updated frequently with changes therefore, you should read these publications yourself to determine if any part or installation could prove a danger to a child.

To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website. [www.americanswing.com](http://www.americanswing.com) Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see [http://www.cpsc.gov/cpscpub/pubs/325.pdf](http://www.cpsc.gov/cpscpub/pubs/325.pdf).

**Installation** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Use this bolt with a nut to assemble pendulum to swing hangers, if old bolt or nut is worn, damaged or missing. Make sure that when you place bolt back through bushing in pendulum that the nut is reattached snugly. After tightening, the threads should not be showing more than two threads past the nut.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in hanger, paying particular attention to surface around bolt holes. Check to see if oil lite bearing in swing hanger pendulum is worn or cracking. When worn or cracked, replace pendulum. Check for vandalism. Replace parts if necessary. Check to make sure lock nuts are tight. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
**A2820 – 2.75” x 5/16” Nylon Bushing Swing Hanger Wood Screw Thread – Residential**

This is a residential light use only swing hanger. Nylon bushing hanger with 5/16” wood thread for installation in wood swing seats. Galvanized to retard rust. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 780 lbs. **Sold as each.**

**Installation, Safe Use and Maintenance Instructions**

**IMPORTANT:** Please read for important information. In this material we have tried to provide some requirements stated in the CPSC Handbooks, ASTM F2373-11, F1487-11 and F1148-09. However, we in no way intend for this to be a complete list of requirements. Also these publications are updated frequently with changes, therefore, you should read these publications yourself to determine if any part or installation could prove a danger to a child.

To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website. [www.americanswing.com](http://www.americanswing.com). Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see [http://www.cpsc.gov/cpscpub/pubs/325.pdf](http://www.cpsc.gov/cpscpub/pubs/325.pdf).

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

To attach hanger first determine spacing by consulting ASTM 1148 diagram.

**For Wood:** Mark wood beam with correct spacing. Using a power drill with a 5/16” bit, start a hole at marked spacing. Screw the hanger up into the wood. Verify that the hanger triangle with the nylon bearing is even with the wood. Shaft of the bolt must be completely in wood. If not the stress point will be on the bolt instead of the bearing and can result in breakage and injuries.

**For Pipe:** Depending upon the diameter of the pipe, you may have to use a longer swing hanger and cut protruding threads off hanger. Mark pipe with correct spacing. Using a power drill with a 3/8” bit, drill holes through pipe. Put swing hanger up through 3/8” hole in pipe; place washer on top of swing hanger and attach lock tight nut. Using a hacksaw, cut off all protruding threaded ends past two threads of bolt and remove any sharp edges with a metal file as needed. To prevent a protrusion, this hanger should have a plastic cap placed over the nut on top of pipe. Verify that the hanger triangle with the nylon bearing is flush with the bottom of the pipe. Shaft of the bolt must be completely in pipe. If not the stress point will be on the bolt instead of the bearing and can result in breakage and injuries.

When in use this hanger may squeak and this is normal. Grease or oil bushings if squeaking noises are heard. You will need to use S-hooks or shackles from the chain to the swing hangers. Make sure the S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. **WARNING:** Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. Make sure that you are using shackles they are also tightened. You will need to use S-hooks or H-shackles from the chain to the swing hangers. Make sure the S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. Close according to Fig A1.19 for Fastening Devices. **WARNING:** Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. Using a A5750 wrench to open and close bolts. Make sure that if you are using shackles they are also tightened.

Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. **Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.**

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. **Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.**

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in hanger, paying particular attention to nylon bushing surface. Make sure that the bottom portion of the figure 8 on the swing hanger is not coming open and that shackle or S hook is still closed properly. Make sure that bolt hole in wood is not enlarging, putting stress on the bolt of the swing hanger by allowing the bolt to move back and forth. Check for vandalism and misuse. Replace parts if necessary.
Any damage from vandalism, abuse or misuse VOIDS all warranties.
A2830 - 6” x 3/8” Nylon Bushing Swing Hanger– Residential

This is a residential light use only swing hanger. Nylon bushing hanger with 3/8” x 6” threaded bolt and washer with lock tight nut. Galvanized to retard rust. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 780 lbs. Sold as each.

**Installation, Safe Use and Maintenance Instructions**

**IMPORTANT:** Please read for important information. In this material we have tried to provide some requirements stated in the CPSC Handbooks, ASTM F2373-11, F1487-11 and F1148-09. However, we in no way intend for this to be a complete list of requirements. Also these publications are updated frequently with changes, therefore, you should read these publications yourself to determine if any part or installation could prove a danger to a child.

To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website, www.americanswing.com. Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpscpub/pubs/325.pdf.

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the set's installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

To attach hanger first determine spacing by consulting ASTM 1148 diagram.

**For Wood:** Mark wood beam with correct spacing. Using a power drill with a 3/8” bit, drill holes through wood. To prevent a protrusion, this hanger must have a counter sunk nut. To accomplish this, take a 1” drill bit and drill down 3/4” on top of wood beam at the top of the 3/8” hole through wood. Put swing hanger up through 3/8” hole in wood, place washer on top of swing hanger and attach lock tight nut. Threads should not protrude more than 2 threads past nut, nor more than .12” above top of wood. Verify that the hanger triangle with the nylon bearing is even with the wood. Shaft of the bolt must be completely in wood. If not the stress point will be on the bolt instead of the bearing and can result in breakage and injuries.

**For Pipe:** Depending upon the diameter of the pipe, you may have to use a longer swing hanger and cut protruding threads off hanger. Mark pipe with correct spacing. Using a power drill with a 3/8” bit, drill holes through pipe. Put swing hanger up through 3/8” hole in pipe; place washer on top of swing hanger and attach lock tight nut. Using a hacksaw, cut off all protruding threaded ends past two threads of bolt and remove any sharp edges with a metal file as needed.

To prevent a protrusion, this hanger should have a plastic cap placed over the nut on top of pipe. Verify that the hanger triangle with the nylon bearing is flush with the bottom of the pipe. Shaft of the bolt must be completely in pipe. If not the stress point will be on the bolt instead of the bearing and can result in breakage and injuries.

When in use this hanger may squeak and this is normal. Grease or oil bushings if squeaking noises are heard. You will need to use S-hooks or shackles from the chain to the swing hangers. Make sure the S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. Make sure that if you are using shackles they are also tightened. You will need to use S-hooks or H-shackles from the chain to the swing hangers. Make sure the S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. Close according to Fig.A1.19 for Fastening Devices. WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. Using a A5750 wrench to open and close bolts. Make sure that if you are using shackles they are also tightened.

Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in hanger, paying particular attention to nylon bushing surface. Make sure that the bottom portion of the figure 8 on the swing hanger is not coming open and that shackle or S hook is still closed properly. Make sure that bolt hole in wood is not enlarging, putting stress on the bolt of the swing hanger by allowing the bolt to move back and forth. Check for vandalism and misuse. Replace parts if necessary.
Any damage from vandalism, abuse or misuse VOIDS all warranties.
A2840 - 4” x 3/8” Nylon Bushing Swing Hanger– Residential

This is a residential light use only swing hanger. Nylon bushing hanger with 3/8” x 4” threaded bolt and washer with lock tight nut. Can be used in wooden or pipe swing sets. Galvanized to retard rust. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. **Sold as each.**

**Installation, Safe Use and Maintenance Instructions**

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

To attach hanger first determine spacing by consulting ASTM 1148 diagram.

**For Wood:** Mark wood beam with correct spacing. Using a power drill with a 3/8” bit, drill holes through wood. To prevent a protrusion, this hanger must have a counter sunk nut. To accomplish this, take a 1” drill bit and drill down 3/4” on top of wood beam at the top of the 3/8” hole through wood. Put swing hanger up through 3/8” hole in wood, place washer on top of swing hanger and attach lock tight nut. Threads should not protrude more than 2 threads past nut, nor more than .12” above top of wood. Verify that the hanger triangle with the nylon bearing is even with the wood. Shaft of the bolt must be completely in wood. If not the stress point will be on the bolt instead of the bearing and can result in breakage and injuries.

**For Pipe:** Depending upon the diameter of the pipe, you may have to use a longer swing hanger and cut protruding threads off hanger. Mark pipe with correct spacing. Using a power drill with a 3/8” bit, drill holes through pipe. Put swing hanger up through 3/8” hole in pipe, place washer on top of swing hanger and attach lock tight nut. Using a hacksaw, cut off all protruding threaded ends past two threads of bolt and remove any sharp edges with a metal file as needed.

To prevent a protrusion, this hanger should have a plastic cap placed over the nut on top of pipe. Verify that the hanger triangle with the nylon bearing is flush with the bottom of the pipe. Shaft of the bolt must be completely in pipe. If not the stress point will be on the bolt instead of the bearing and can result in breakage and injuries.

When in use this hanger may squeak and this is normal. Grease or oil bushings if squeaking noises are heard. You will need to use S-hooks or shackles from the chain to the swing hangers. Make sure the S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. Make sure that if you are using shackles they are also tightened. You will need to use S-hooks or H-shackles from the chain to the swing hangers. Make sure the S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. Close according to Fig A1.19 for Fastening Devices. **WARNING:** Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. Using a A5750 wrench to open and close bolts. Make sure that if you are using shackles they are also tightened.

Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. **Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.**

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. **Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.**

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at [http://www.mindspring.com/~safetyplay](http://www.mindspring.com/~safetyplay).

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in hanger, paying particular attention to nylon bushing surface. Make sure that the bottom portion of the figure 8 on the swing hanger is not coming open and that shackle or S hook is still closed properly. Make sure that bolt hole in wood is not enlarging, putting stress on the bolt of the swing hanger by allowing the bolt to move back and forth. Check for vandalism and misuse. Replace parts if necessary.
Any damage from vandalism, abuse or misuse VOIDS all warranties.
A2850 - 2” x 3/8” Nylon Bushing Swing Hanger – Residential

This is a residential light use only swing hanger. Nylon bushing hanger with 3/8” x 2” threaded bolt and washer with lock tight nut. Great for glider support. Can be used in wooden or pipe swing sets. Galvanized to retard rust. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 800 lbs. **Sold as each.**

**Installation, Safe Use and Maintenance Instructions**

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To attach hanger first determine spacing by consulting ASTM 1148 diagram.

For Wood: Mark wood beam with correct spacing. Using a power drill with a 3/8” bit, drill holes through wood. To prevent a protrusion, this hanger must have a counter sunk nut. To accomplish this, take a 1” drill bit and drill down 3/4” on top of wood beam at the top of the 3/8” hole through wood. Put swing hanger up through 3/8” hole in wood, place washer on top of swing hanger and attach lock tight nut. Threads should not protrude more than 2 threads past nut, nor more than .12” above top of wood. Verify that the hanger triangle with the nylon bearing is even with the wood. Shaft of the bolt must be completely in wood. If not the stress point will be on the bolt instead of the bearing and can result in breakage and injuries.

For Pipe: Depending upon the diameter of the pipe, you may have to use a longer swing hanger and cut protruding threads off hanger. Mark pipe with correct spacing. Using a power drill with a 3/8” bit, drill holes through pipe. Put swing hanger up through 3/8” hole in pipe; place washer on top of swing hanger and attach lock tight nut. Using a hacksaw, cut off all protruding threaded ends past two threads of bolt and remove any sharp edges with a metal file as needed.

To prevent a protrusion, this hanger should have a plastic cap placed over the nut on top of pipe. Verify that the hanger triangle with the nylon bearing is flush with the bottom of the pipe. Shaft of the bolt must be completely in pipe. If not the stress point will be on the bolt instead of the bearing and can result in breakage and injuries.

When in use this hanger may squeak and this is normal. Grease or oil bushings if squeaking noises are heard. You will need to use S-hooks or shackles from the chain to the swing hangers. Make sure the S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. Make sure that if you are using shackles they are also tightened. You will need to use S-hooks or H-shackles from the chain to the swing hangers. Make sure the S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. Close according to Fig A1.19 for Fastening Devices. **WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking.** If using an H-shackle the large end goes thru the swing hanger. Using a A5750 wrench to open and close bolts. Make sure that if you are using shackles they are also tightened.

Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. **Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.**

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. **Not for Adults. Adults should supervise children at all times.**

Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in hanger, paying particular attention to nylon bushing surface. Make sure that the bottom portion of the figure 8 on the swing hanger is not coming open and that shackles or s hook is still closed properly. Make sure that bolt hole in wood is not enlarging, putting stress on the bolt of the swing hanger by allowing the bolt to move back and forth. Check for vandalism and misuse. Replace parts if necessary.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
Tire Swivels
**A4900 Heavy Duty Wood Beam Tire Swivel – Residential**

This is for RESIDENTIAL use only. This is a heavy duty swivel with lubricating ball bearing for hanging tires on wood beams. It will turn 360 degrees with less tangling or wrapping chain. The plate is 5 7/8” x 2 13/16” with two 7/16” holes that are 4.5” center to center. It hangs down 4 1/2” from pipe. You can use the A6500 – A6000 or the A5725 for this. Nuts and bolts not included. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 5000 lbs.

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Grease the Tire Swivel before using. Tire Swivel must be installed in a bay without any other components. For tire swings, extend surfacing in a circle whose radius is equal to the height of the suspending chain or rope, plus 6 feet in all directions. Only use this tire swivel in residential settings. Place tire swivel on wood beam and mark holes with pencil or pen on wood. Drill two 3/8” holes. Then, bolt tire swivel to wood beam with 3/8” bolts with the length depending on thickness of the wood, plus two flat washers, one on top and one on the bottom of the bolts and secure with a 3/8” nylock nut. (Bolt, washers and nuts are not included.) Put bolts and washers through beam so that nuts are on the bottom of top beam, and so that the bolt is attached with no more than two thread showing beyond the nut. This will prevent a protrusion on the top beam. You will need to use S-hooks or H shackles from the chain to the swivel. Make sure the S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. Close according to Fig A1.19 for Fastening Devices. **WARNING:** Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. Make sure that if you are using shackles they are also tightened correctly. No bolts should protrude over two threads past its nut.

**Safe Use:** This swivel is intended for use by children 2 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow equipment to be used if damaged or wet.

**Maintenance:** Do the following to reduce the chance of serious injuries. At beginning and end of each play season and once a month during play season, check for rusty or worn chain. Carefully check hole around fastener to look for wear. Check for vandalism. Check to make sure s hooks and/ or H-shackles are closed properly. Check spinning action and make sure there is no binding, and using a grease gun put a sufficient amount of standard grease in the hanger to allow the hanger to swing freely. We have used a McKay Molybdenum Disulfide grease cartridge, but any standard grease cartridge from any auto part store should be sufficient. Make sure all nuts and bolts are secure and not worn. Look for loose parts, cracks in metal or rust. Replace parts necessary for safe use.

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A4950 Light Duty Wood Beam Tire Swivel – Residential

A light duty swivel with lubricating ball bearing for hanging tires on wood beams. It will turn 360 Degrees with less tangling or wrapping chain. The plate is 4 7/8” x 2 1/2” with two 3/8” holes that are 3 ¼” center to center. This swivel is better made and has fuller motion than other look a-likes. It hangs down 4 3/4” from pipe. You can use the A6500 – A6000 or the A5725 for this. Nuts and bolts not included. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 1300 lbs.

**Installation, Safe Use and Maintenance Instructions**

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Grease the Tire Swivel before using. Tire Swivel must be installed in a bay without any other components. For tire swings, extend surfacing in a circle whose radius is equal to the height of the suspending chain or rope, plus 6 feet in all directions. Only use this tire swivel in residential settings. Place tire swivel on wood beam and mark holes with pencil or pen on wood. Drill two 3/8” holes. Then, bolt tire swivel to wood beam with 3/8” bolts with the length depending on thickness of the wood, plus two flat washers, one on top and one on the bottom of the bolts and secure with a 3/8” nylock nut. (Bolt, washers and nuts are not included.) Put bolts and washers through beam so that nuts are on the bottom of top beam, and so that the bolt is attached with no more than two thread showing beyond the nut. This will prevent a protrusion on the top beam. You will need to use S-hooks or H shackles from the chain to the swivel. Make sure the S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. Close according to Fig A1.19 for Fastening Devices. **WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking.** Make sure that if you are using shackles they are also tightened correctly. No bolts should protrude over two threads past its nut.

**Safe Use:** This is for children 2 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** Do the following to reduce the chance of serious injuries. At beginning and end of each play season and once a month during play season, check for rusty or worn chain. Carefully check hole around fastener to look for wear. Check for vandalism. Check to make sure s hooks and/ or H-shackles are closed properly. Check spinning action and make sure there is no binding, and using a grease gun put a sufficient amount of standard grease into the swivel through the grease fitting. You will see the grease come out when it is full. We have used a McKay Molybdenum Disulfide grease cartridge, but any standard grease cartridge from any auto part store should be sufficient. Make sure all nuts and bolts are secure and not worn. Look for loose parts, cracks in metal or rust. Replace parts necessary for safe use.

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**A5000 Tire Swivel Extra Heavy Duty – Commercial**

This swivel turns 360 degrees with less tangling or wrapping the chains and has a top plate for added strength. Universal joints are covered with a rubber boot for finger protection. Painted with rust proof enamel in red. It has 2 plates that are 5 ½” x 5 1/2” with four ½” holes that are 3 5/8” center to center. There is a welded nut securing the swivel to the plate. It hangs down 10 1/2” from pipe. You can use the A6500 – A6000 or the A5725 for this. Nuts and bolts not included. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 16000 lbs.

**Installation, Safe Use and Maintenance Instructions**

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Grease the Tire Swivel before using. Tire Swivel must be installed in a bay without any other components. For tire swings, extend surfacing in a circle whose radius is equal to the height of the suspending chain or rope, plus 6 feet in all directions. Place tire swivel on wood beam and mark holes with pencil or pen on wood. Drill four 1/2” holes. Then, place top plate on top of wood beam and line up on drilled holes. With the head of ½” bolt starting on top of top plate and going down towards ground, put bolt through top plate, through wood and through hole on plate with swivel. The length of 1/2” bolts will vary, depending upon thickness of the wood. Secure with a 1/2” nylon lock nut. (Bolt and nuts are not included.) Put bolts through beam so that nuts are on the bottom of top beam, and so that the bolt is attached with no more than two thread showing beyond the nut. This will prevent a protrusion on the top beam. Check to see bolts are straight and nuts are tight. Repeat this process with all four bolts. You will need to use S-hooks or H shackles from the chain to the swivel. Make sure the S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. Close according to Fig A1.19 for Fastening Devices. **WARNING:** Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. Make sure that if you are using shackles they are also tightened correctly. No bolts should protrude over two threads past its nut.

**Safe Use:** This is for children 2 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** Do the following to reduce the chance of serious injuries. At beginning and end of each play season and once a month during play season, check for rusty or worn chain. Carefully check hole around fasteners to look for wear. Check for vandalism. Check to make sure s hooks and/ or H-shackles are closed properly. Check spinning action and make sure there is no binding, and using a grease gun put a sufficient amount of standard grease into the swivel through the grease fitting. You will see the grease come out when it is full. We have used a McKay Molybdenum Disulfide grease cartridge, but any standard grease cartridge from any auto part store should be sufficient. There are two grease fittings that must be checked and filled with grease during maintenance. The first is at the bottom of the hanger in the swivel head and is easily seen and reached. The other grease fitting is harder to reach, and is located under the rubber boot on the universal joint. However, it is important that this grease fitting be checked also. To do this: Cut the zip tie holding the rubber boot. Take two flat head screw drivers and lift the boot down, so that you can put the grease gun nozzle on the grease fitting. Put in sufficient grease. Raise up the rubber boot and secure with another zip tie. Cut off excess plastic tail on zip tie. Make sure all nuts and bolts are secure and not worn. Look for loose parts, torn or missing rubber boots, cracks in metal rust. Replace parts necessary for safe use. Maintain detailed inspection and maintenance records for public-use playground equipment.

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**Installation, Safe Use and Maintenance Instructions**

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Grease the Tire Swivel before using. Tire Swivel must be installed in a bay without any other components. For tire swings, extend surfacing in a circle whose radius is equal to the height of the suspending chain or rope, plus 6 feet in all directions. Place tire swivel on wood beam and mark holes with pencil or pen on wood. Drill four 3/8” holes. Then, place top plate on top of wood beam and line up on drilled holes. With the head of 1/2” bolt starting on top of top plate and going down towards ground, put bolt through top plate, through wood and through hole on plate with swivel. The length of 3/8” bolts will vary, depending upon thickness of the wood. Secure with a 3/8” nylock nut. (Bolt and nuts are not included.) Put bolts through beam so that nuts are on the bottom of top beam, and so that the bolt is attached with no more than two thread showing beyond the nut. This will prevent a protrusion on the top beam. Check to see bolts are straight and nuts are tight. Repeat this process with all four bolts. You will need to use S-hooks or H shackles from the chain to the swivel. Make sure the S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. Close according to Fig A1.19 for Fastening Devices. **WARNING:** Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. Make sure that if you are using shackles they are also tightened correctly. No bolts should protrude over two threads past its nut.

**Safe Use:** This is for children 2 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** Do the following to reduce the chance of serious injuries. At beginning and end of each play season and once a month during play season, check for rusty or worn chain. Carefully check hole around fasteners to look for wear. Check for vandalism. Check to make sure S hooks and/ or H-shackles are closed properly. Check spinning action and make sure there is no binding, and using a grease gun put a sufficient amount of standard grease into the swivel through the grease fitting. You will see the grease come out when it is full. We have used a McKay Molybdenum Disulfide grease cartridge, but any standard grease cartridge from any auto part store should be sufficient. There are two grease fittings that must be checked and filled with grease during maintenance. The first is at the bottom of the hanger in the swivel head and is easily seen and reached. The other grease fitting is harder to reach, and is located under the rubber boot on the universal joint. However, it is important that this grease fitting be checked also. To do this: Cut the zip tie holding the rubber boot. Take two flat head screw drivers and lift the boot down, so that you can put the grease gun nozzle on the grease fitting. Put in sufficient grease. Raise up the rubber boot and secure with another zip tie. Cut off excess plastic tail on zip tie. Make sure all nuts and bolts are secure and not worn. Look for loose parts, torn or missing rubber boots, cracks in metal or rust. Replace parts necessary for safe use. Maintain detailed inspection and maintenance records for public-use playground equipment.

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A5175 - 3 Prong Tire Swivel Heavy Duty – Commercial

This tire swivel has 3 prongs to help prevent chains from tangling. Our commercial tire swivel has a rubber boot to prevent fingers from being pinched. The plate is 4 ½” x 2 15/16” with four 9/16” holes that are 3” x 1 9/16” center to center. It hangs down 8 1/2” from pipe. Powder coated in a bright red finish. You can use the A6500 – A6000 or the A5725 for this. Nuts and bolts not included. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 16300 lbs.

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Grease the Tire Swivel before using. Tire Swivel must be installed in a bay without any other components. For tire swings, extend surfacing in a circle whose radius is equal to the height of the suspending chain or rope, plus 6 feet in all directions. Place tire swivel on wood beam and mark holes with pencil or pen on wood. Drill four 3/8” holes. With the head of ½” bolt starting on top of wood beam and going down towards ground, place a flat washer on bolt then, put bolt through wood and through hole on plate with swivel. The length of 3/8” bolts will vary, depending upon thickness of the wood. Put another flat washer on bottom of bolt, and secure with a 3/8” nylock nut. (Bolt, washers and nuts are not included.) Put bolts and washers through beam so that nuts are on the bottom of top beam, and so that the bolt is attached with no more than two thread showing beyond the nut. This will prevent a protrusion on the top beam. Check to see bolts are straight and nuts are tight. Repeat this process with all four bolts. You will need to use S-hooks or H shackles from the chain to the swivel. Make sure the S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. Close according to Fig A1.19 for Fastening Devices. **WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking.** Make sure that if you are using shackles they are also tightened correctly. No bolts should protrude over two threads past its nut.

**Safe Use:** This is for children 2 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** Do the following to reduce the chance of serious injuries. At beginning and end of each play season and once a month during play season, check for rusty or worn chain. Carefully check hole around fasteners to look for wear. Check for vandalism. Check to make sure s hooks and/ or H-shackles are closed properly. Check spinning action and make sure there is no binding, and using a grease gun put a sufficient amount of standard grease into the swivel through the grease fitting. You will see the grease come out when it is full. We have used a McKay Molybdenum Disulfide grease cartridge, but any standard grease cartridge from any auto part store should be sufficient. There are two grease fittings that must be checked and filled with grease during maintenance. The first is at the bottom of the hanger in the swivel head and is easily seen and reached. The other grease fitting is harder to reach, and is located under the rubber boot on the universal joint. However, it is important that this grease fitting be checked also. To do this: Cut the zip tie holding the rubber boot. Take two flat head screw drivers and lift the boot down, so that you can put the grease gun nozzle on the grease fitting. Put in sufficient grease. Raise up the rubber boot and secure with another zip tie. Cut off excess plastic tail on zip tie. Make sure all nuts and bolts are secure and not worn. Look for loose parts, torn or missing rubber boots, cracks in metal or rust. Replace parts necessary for safe use. Maintain detailed inspection and maintenance records for public-use playground equipment.

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A5200 2 3/8” O.D. Pipe Tire Swivel – Commercial

This heavy duty tire swivel works on Schedule 40 two inch pipe. It has a heavy duty universal joint with a rubber boot and comes in red. ¼” carriage bolt and nut are included. It hangs down 10 1/4” from pipe. You can use the A6500 – A6000 or the A5725 for this. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 12900 lbs.

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Grease the Tire Swivel before using. Tire Swivel must be installed in a bay without any other components. For tire swings, extend surfacing in a circle whose radius is equal to the height of the suspending chain or rope, plus 6 feet in all directions. Put each half of tire swivel around a schedule 40 2" pipe. This pipe's outside diameter will be 2 3/8". With the head of one of the included bolts starting on the top of the pipe and going down towards ground, put bolt through bolt holes in both the top and then bottom half of tire swivel plates. Put flat washer on bottom of bolt, and secure with the included nylock nut. (Bolt, washers and nuts are included.) Put bolts and washers through beam so that nuts are on the bottom of top beam, and so that the bolt is attached with no more than two thread showing beyond the nut. This will prevent a protrusion on the top beam. Check to see bolts are straight and nuts are tight. Repeat this process with all four bolts. You will need to use S-hooks or H shackles from the chain to the swivel. Make sure the S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. Close according to Fig A1.19 for Fastening Devices. **WARNING:** Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. Make sure that if you are using shackles they are also tightened correctly. No bolts should protrude over two threads past its nut.

**Safe Use:** This is for children 2 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** Do the following to reduce the chance of serious injuries. At beginning and end of each play season and once a month during play season, check for rusty or worn chain. Carefully check hole around fasteners to look for wear. Check for vandalism. Check to make sure s hooks and/ or H-shackles are closed properly. Check spinning action and make sure there is no binding, and using a grease gun put a sufficient amount of standard grease into the swivel through the grease fitting. You will see the grease come out when it is full. We have used a McKay Molybdenum Disulfide grease cartridge, but any standard grease cartridge from any auto part store should be sufficient. There are two grease fittings that must be checked and filled with grease during maintenance. The first is at the bottom of the hanger in the swivel head and is easily seen and reached. The other grease fitting is harder to reach, and is located under the rubber boot on the universal joint. However, it is important that this grease fitting be checked also. To do this: Cut the zip tie holding the rubber boot. Take two flat head screw drivers and lift the boot down, so that you can put the grease gun nozzle on the grease fitting. Put in sufficient grease. Raise up the rubber boot and secure with another zip tie. Cut off excess plastic tail on zip tie. Make sure all nuts and bolts are secure and not worn. Look for loose parts, torn or missing rubber boots, cracks in metal or rust. Replace parts necessary for safety. Maintain detailed inspection and maintenance records for public-use playground equipment.

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A5225 3 ½” O.D. Pipe Tire Swivel – Commercial

This heavy duty tire swivel works on Schedule 40 three inch pipe. It has a heavy duty universal joint with a rubber boot and comes in red. ½” carriage bolt and nut are included. It hangs down 10 1/4” from pipe. You can use the A6500 – A6000 or the A5725 for this. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 16000 lbs.

**Installation, Safe Use and Maintenance Instructions**

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**Installation**: Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Grease the Tire Swivel before using. Tire Swivel must be installed in a bay without any other components. For tire swings, extend surfacing in a circle whose radius is equal to the height of the suspending chain or rope, plus 6 feet in all directions. Put each half of tire swivel around a schedule 40 3” pipe. This pipe’s outside diameter will be 3 1/2”. With the head of one of the included bolts starting on the top of the pipe and going down towards ground, put bolt through bolt holes in both the top and then bottom half of tire swivel plates. Put flat washer on bottom of bolt, and secure with the included nylock nut. (Bolt, washers and nuts are included.) Put bolts and washers through beam so that nuts are on the bottom of top beam, and so that the bolt is attached with no more than two thread showing beyond the nut. This will prevent a protrusion on the top beam. Check to see bolts are straight and nuts are tight. Repeat this process with all four bolts.

You will need to use S-hooks or H shackles from the chain to the swivel. Make sure the S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. Close according to Fig A1.19 for Fastening Devices. **WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking.** Make sure that if you are using shackles they are also tightened correctly. No bolts should protrude over two threads past its nut.

**Safe Use**: This is for children 2 – 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance**: Do the following to reduce the chance of serious injuries. At beginning and end of each play season and once a month during play season, check for rusty or worn chain. Carefully check hole around fasteners to look for wear. Check for vandalism. Check to make sure s hooks and/ or H-shackles are closed properly. Check spinning action and make sure there is no binding, and using a grease gun put a sufficient amount of standard grease into the swivel through the grease fitting. You will see the grease come out when it is full. We have used a McKay Molybdemum Disulfide grease cartridge, but any standard grease cartridge from any auto part store should be sufficient. There are two grease fittings that must be checked and filled with grease during maintenance. The first is at the bottom of the hanger in the swivel head and is easily seen and reached. The other grease fitting is harder to reach, and is located under the rubber boot on the universal joint. However, it is important that this grease fitting be checked also. To do this: Cut the zip tie holding the rubber boot. Take two flat head screw drivers and lift the boot down, so that you can put the grease gun nozzle on the grease fitting. Put in sufficient grease. Raise up the rubber boot and secure with another zip tie. Cut off excess plastic tail on zip tie. Make sure all nuts and bolts are secure and not worn. Look for loose parts, torn or missing rubber boots, cracks in metal or rust. Replace parts necessary for safety. Maintain detailed inspection and maintenance records for public-use playground equipment.

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A5250 Tire Swivel Heavy Duty – Commercial

This heavy duty tire swivel has universal joints covered with a rubber boot for finger protection. It will turn 360 degrees with less tangling or wrapping the chains. Painted with rust proof enamel in black. The plate is 8 1/16” x 4” with two 1/2” holes that are 6 1/8” center to center. The swivel is 10.5” in overall length. It hangs down 10 1/4” from pipe. You can use the A6500 – A6000 or the A5725 for this. Nuts and bolts not included. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 17000 lbs.

**Installation, Safe Use and Maintenance Instructions**

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To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website. www.americanswing.com Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpscpub/pubs/325.pdf.

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Grease the Tire Swivel before using. Tire Swivel must be installed in a bay without any other components. For tire swings, extend surfacing in a circle whose radius is equal to the height of the suspending chain or rope, plus 6 feet in all directions. Place tire swivel on wood beam and mark holes with pencil or pen on wood. Drill two 1/2” holes. Then, bolt tire swivel to wood beam with 1/2” bolts with the length depending on thickness of the wood, plus two flat washers, one on top and one on the bottom of the bolts and secure with a 1/2” nylock nut. (Bolt, washers and nuts are not included.) Put bolts and washers through beam so that nuts are on the bottom of top beam, and so that the bolt is attached with no more than two thread showing beyond the nut. This will prevent a protrusion on the top beam. You will need to use S-hooks or H shackles from the chain to the swivel. Make sure the S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. Close according to Fig A1.19 for Fastening Devices. **WARNING:** Once the S-hooks have been opened they have to be replaced to avoid injuries from coming open and/or breaking. Make sure that if you are using shackles they are also tightened correctly. No bolts should protrude over two threads past its nut.

**Safe Use:** This is for children 2 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** Do the following to reduce the chance of serious injuries. At beginning and end of each play season and once a month during play season, check for rusty or worn chain. Carefully check hole around fasteners to look for wear. Check for vandalism. Check to make sure s hooks and/ or H-shackles are closed properly. Check spinning action and make sure there is no binding, and using a grease gun put a sufficient amount of standard grease into the swivel through the grease fitting. You will see the grease come out when it is full. We have used a McKay Molybdenum Disulfide grease cartridge, but any standard grease cartridge from any auto part store should be sufficient. There are two grease fittings that must be checked and filled with grease during maintenance. The first is at the bottom of the hanger in the swivel head and is easily seen and reached. The other grease fitting is harder to reach, and is located under the rubber boot on the universal joint. However, it is important that this grease fitting be checked also. To do this: Cut the zip tie holding the rubber boot. Take two flat head screw drivers and lift the boot down, so that you can put the grease gun nozzle on the grease fitting. Put in sufficient grease. Raise up the rubber boot and secure with another zip tie. Cut off excess plastic tail on zip tie. Make sure all nuts and bolts are secure and not worn. Look for loose parts, torn or missing rubber boots, cracks in metal or rust. Replace parts necessary for safe use. Maintain detailed inspection and maintenance records for public-use playground equipment. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A5275 Replacement Rubber Boot

This tire boot replacement will fit all of our universal tire swivels A5250 – A5000 – A5150 – A5175 – A5200 – A5225. Its dimensions are: 5 ¼ Long – 3 ¾ Outside dia. – 1 ¾ Inside dia. and 13” circumference. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

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Take two flat head screw drivers and spread top of boot so that it can be wiggled over tire swivel mechanism. To hold boot in place, secure with zip tie at top and bottom of boot. Cut off excess plastic tail on zip tie.

**Safe Use:** This is for children 2 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** Do the following to reduce the chance of serious injuries. At beginning and end of each play season and once a month during play season, check for tears in rubber boot. Replace parts necessary for safe use. Maintain detailed inspection and maintenance records for public-use playground equipment.

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Warning

Labels

WARNING:
Below is information about warnings that must be placed on your playground. Labels help supervisors and parents so that they are informed of hazards to protect their children. If unsure of the “best” locations to place labels, call for assistance and/or install more labels. If there is more than one way to enter the swing set, then labels must be placed so that at all ingress points you can see labeling. It is the responsibility of the owner operator to determine the amount of labels needed, type of label, placement of labels, and maintenance of labels, so that labels are visible before use of equipment. You as the owner operator are the best to decide what you need for your particular playground. Please decide which labels are more appropriate for your particular playground.

We will be happy to supply up to three labels at no charge. We are offering this promotional offer because we believe very strongly that All swing sets must have warning labels. Additional labels needed for maintenance or placement requirements can be purchased from the company that you originally ordered the enclosed equipment. These labels have been copyrighted. If you do not have the strangulation, hot surfaces, or either of the surfacing labels already placed on your existing equipment, we very strongly suggest ordering these labels.

Self-Stick Warning and Information Labels Conform To The Following: ASTM #F1487-11 Standards regarding signs & labels; CPSC Guidelines #325 (2010 version); ANSI Standards (Z535 series) for warning and information labels in recreation settings. APPLICABLE LAWS. By signs and labels being even suggested in the CPSC Guidelines and ASTM Standards, it then makes it not only law to follow (where the rules have been adopted into law), but also the “Standard of Care” to provide them for the safety of the children.

NOTE: CPSC Section 2.2.7 says "Supervisors should look for posted signs indicating the appropriate age of the users". Posting a sign or label is the ONLY way that the "message is conveyed" to users and supervisors on the playground.

1. ALL LABELS must be placed so that users and supervisors can see them from any direction that they approach the playground. For open playgrounds (non-fenced), labels can be placed on the equipment itself SUCH AS in a triangulated configuration (6:00, 10:00, & 2:00) for the playground and equipment so that the labels are seen upon approach from any direction. For fenced-in playgrounds, most labels can be placed near or at the entry/entries on a freestanding post at adult eye level (see "AGE GROUP labels" and "Tot Seat Age Group" for important information below). In all cases, labels must be placed at adult eye level (except for Surfacing Level Markers, see instructions below). Consider covering labels with clear hard plastic to prohibit vandalism and to make them stay on surfaces that may be difficult to stick to. Use round headed screws that are not sharp.

2. TOT SEAT AGE GROUP labels) If tot seats share a swing STRUCTURE with other types of seats (tot seats are kept in their own separate BAY as required by CPSC), then place the tot seat labels on the outer legs nearest the tot seats (located in the end bay(s)). The age labels for the other seats (see info below) go on the outer legs nearest those seats. If tot and belt seats are in adjacent bays, never install the label(s) on the center legs as that could confuse caregivers as to which ages apply to which seats. Multiple bays with tot and belt seats (for example) will need the tot seats to be in the outer bay(s). Tot seat age group labels oftentimes are not able to be installed at the entry/entries to the playground since the other age ranges are "6 - 23 months", "2-5", "2-12" or "5-12" for the rest of the equipment, so install the Tot labels on the equipment as noted.

3. AGE GROUP labels) follow instructions provided in #1 above. Always follow the recommendations for the age range of users for specific components according to the manufacturer, ASTM, and CPSC. If there are different ages allowed or intended for a playground (i.e., tot seats as mentioned above, or different equipment for different ages), then the age ranges of 6 - 23 months, 2-5, 5-12, and 2-12 should be placed on each piece of equipment as it applies and is allowed by ASTM & CPSC. If you have a playground that allows ONLY 2-5 year olds, for example, then ONE "2-5" age group label can be at the entry/entries to the playground.

4. SURFACING LEVEL MARKER labels are for equipment that has loose fill surfacing only. These labels ALERT MAINTENANCE STAFF to fluff and/or add surfacing when it gets low (as long as the surfacing is not deteriorated, moldy, etc.). We recommend that you install at least one for every other support post. Install these labels onto the posts at the MINIMUM level where the loose fill surfacing is supposed to be so it is maintained ABOVE that marker. You must consider the Fall Height designated by the manufacturer, ASTM, and CPSC for each unit so the surfacing is maintained above the line on the labels. We find that the SURFACING CHART in the CPSC Guidelines is the most reliable method for determining minimum surfacing depths once you know the Fall Heights.
Age Group Labels (2.5" x 2.5" each) help with age separation, which is critical to safety and correct inspection evaluations! "For children ages 6 to 24 months", "For children ages 2-5 years", "For children ages 5-12 years", "For children ages 2-12 years". CPSC Section 2.2.6 says "Labels posted in the playground area or on the equipment should give some guidance to supervisors as to the age appropriateness of the equipment." Also, CPSC Section 2.2.7 says "Supervisors should look for posted signs indicating the appropriate age of the users and direct children to equipment appropriate for their age." See ASTM Standard #F1487 Section 5.2, and Section 14.2.1 that requires these labels as well.
LABEL AS - “Adult Supervision Is Recommended” Label (2.5” x 2.5”) tells users and caregivers that the playground is not intended as a place for unsupervised play. See CPSC Sections 1.6, 2.2.7, and the ASTM #F1487 “Introduction” and Section 14.2.2.
Discontinued Products
A1005 – Infant Polymer Full Bucket – Commercial

This is a fully enclosed one piece infant seat that helps prevent small children from falling out. The dimensions of the seat are 39” circumference, 9.5” deep, the front leg opening is 5” leg to leg. Height from seat to top of seat back is 5” leg to head. This swing is designed to be used with the back opening 4.75”. It is made with a steel insert that is encased polymer with heavy duty rust resistant welded in. This is a seat that can be used in most other swing seats either. Making a piece one insert is much more expensive than tabbing an insert together because of the cost of the welding process. The tensile strength of the seat is greatly increased and warrants the expense. Our seats have galvanized steel triangles and steel plates that are riveted on the seat with galvanized rivets. We go to the added expense of using each triangle and plate together so they cannot be pulled apart and pulled off the seat. We believe our swings are one of the few from these that are triangles. The triangle is constructed of 3/8” dia. cold rolled steel with the ends welded together. The plate is 1/16” thick h.r. stamped galvanized steel. The rivets which are used to rivet the plate through the polymer and steel insert are made of ¼” diameter steel. There are three rivets on each side of the seat. The A1005 tot seat has a 1075 steel insert, full hard, painted with a non-rusting adhesive, and the seating is polymer that is 3/8” to 3/16” thick. This is a new innovation by our company to buy a swing seat and riveted by other companies, which helps prevent a child from being cut if the polymer is ever torn off a seat. We believe our seats are made to the highest standards available. Customers cannot see many of the extra hidden safety features. Uninformed users may think our seats and another suppliers are the same. However, they may not have added the hidden safety features that we have because of the added costs. We feel these safety features benefit the strength of our swings and the well-being of the children that use our equipment. The seat should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 5300 lbs.

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Installation: Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

This swing is intended for children two years and three years old with Adult supervision. Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult Figure 23, Table 7 for commercial swing sets. For residential sets see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections.

This swing must be installed a minimum of 24 inches from resilient surfacing. This would be 42” off the height of the swing frame. Install this swing where a child can easily be attended at all times and not in direct line of sight. The swing should face the house or structure. The garden pool should be at least 12 feet away from the swing and fasteners should be at least 6 feet away from any other swings for different age groups, or at least suspended from a separate bay of the same structure. For instance, a full bucket swing should be in the same bay with another full bucket swing, not a full bucket and a strap seat in the same bay. To minimize the likelihood of children being struck by a moving swing, it is recommended that no more than two swings be hung in each bay of the supporting structure. Use the bay that is intended to be in the front and rear of the swing set, a minimum of twice the vertical distance from the top of the occupant’s sitting surface to the pivot point of the swing hanger. The use zone in front of and behind swings should never overlap with any other use zone. If the use zone on the sides of a single-axis swing should extend a minimum of 6 feet from the perimeter of the swing. This 6-foot zone may overlap that of an adjacent swing structure or other playground equipment structure.

Measure each side of swing chair, so the swing hangs evenly. Attach the bottom of each chain to the large metal triangle on swing seat with either a Shackle or S-hook. The bolt on Shackle goes through the chain with “C” part of Shackle going through triangular hardware on swing seat. Close according to Figure A1.19 for Fastening Devices. Make sure that fasteners have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. Try swinging seat without child in it first, to make sure everything is working correctly before placing child in seat. If a large child gets trapped in seat, the easiest way to release child is to drill out rivets on swing hardware. Then, hardware can be removed, and seat will unassemble, reusable.

Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age. Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~/safetyplay/

Safe Use: This seat is for children 2 and 3 years old. This swing is intended for use by only one child at a time. Children should be placed in swing and removed from swing by an Adult. Do not remove children until the swing has stopped completely. Adults should supervise children at all times. Do not allow children to stand or kneel on seat or use unsafely. Do not allow it to be used if damaged. Do not use when wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging.

Maintenance: At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in rubber or polymer. Make sure the steel insert is not showing through rubber or polymer. Check for vandalism. Check for rusty or worn chain. Replace parts if necessary. Check to make sure S-hooks and/or Shackles are closed properly. Check resilient surfacing for appropriate depth and cleanliness. If you see wear on a swing, replace all swings purchased at the same time. Remove swings from set when temperature reaches zero or over 100°. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse voids all warranties.

Colors: Red and Tan
A1550 – Tot ½ Bucket Polymer – Commercial
54 red – 124 tan – 157 yellow in stock

A commercial half bucket seat with tab and ring for adding an A1750 Safety Chain which is sold separately that are riveted to the seat with galvanized rivets. We go to the added expense of welding each triangle to the swing seat. Four rivets are used to rivet the plate through the Polymer are made of 1/4” diameter made to the highest standards available. Customers cannot see many of the extra hidden safety features. However, they may not have added the hidden safety features that we have because of the added costs. We feel these safety features benefit the strength of our swings and the well-being of the children that use our equipment. The seat should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. This seat is for children only. Tensile strength 1900 lbs.

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This swing is intended for use on pages two and three years old for RESIDENTIAL USE ONLY. Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. Fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections.

Place tire swings and disk swings in separate bays, away from other swinging equipment. Space swings at least as far apart as indicated: 8 inches minimum for swings with limited sideways motion; 24 inches minimum between swings with unlimited lateral motion (such as disk swings) and support poles when measured from the side of the swing perpendicular to the plane formed by the support poles; 12 inches minimum between lawn swings and equipment support poles measured at 28 inches above the seat; 16 inches minimum between the teeter-totter’s seat center and support poles at 22 inches above the seating surface; 8 inches minimum between the protective surfacing and the underside of a suspended unit. The use zone for the swing should extend to the front and rear of the swing seat, a minimum of twice the vertical distance from the top of the occupant’s sitting surface to the pivot point of the swing hanger. The use zone in front of and behind swings should never overlap with any other use zone. The use zone to the sides of a single-axis swing should extend a minimum of 6 feet from the perimeter of the swing. This 6-foot zone may overlap that of an adjacent swing structure or other playground equipment structure.

The open section of swing seat should face forward. This swing has two rings, one on each side of open section of swing. You may attach our A110 safety chain to these rings or another type of restraint. Make sure restraint system does not pose a strangulation hazard. To attach swing to set, measure each side of swing chain, so the swing hangs evenly. Attach the bottom of each chain to the metal triangle on swing seat with either a shackle or S-hook. The bolt on shackle goes through the chain with “C” part of shackle going through triangular hardware on the swing seat is for children only. Tensile strength 1900 lbs.

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. Not for Adults. Adults should supervise children at all times. Do not allow children to stand or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age. Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay/.

Safe Use: This seat is for children 2 and 3 years old only. This swing is intended for use by only one child at a time. Children should be placed in swing and removed from swing by an Adult. Do not remove children until the swing has stopped completely. Adults should supervise children at all times. Do not allow children to stand on seat or unsafely. Do not allow it to be used if damaged. Do not use when wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging.

Maintenance: At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in elastomer. Check for vandalism. Make sure restraint system is still installed correctly. Check for rust or worn chain. Replace parts if necessary. Check to make sure S-hooks and/or Shackles are closed properly. Check resilient surfacing for depreciation and cleanliness. If you see wear on a swing, replace all swings purchased at the same time. Remove swings from set when temperature reaches zero or over 100°.

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Colors: Red, Tan, Yellow

A1750 Safety Chain which is sold Separately
A residential half bucket seat with tab and ring for adding an A110 Safety Chain which is sold separately, are 5” in length. Our seats are made of galvanized steel plates that are riveted to the seat with galvanized rivets. We go to the added expense of welding each triangle together so they cannot be pulled apart. The rivets which are used to rivet the plate through the Polymer are made of 1/4” diameter steel. There are three rivets on each side of the seat. We believe our seats are made to the highest standards available. Customers cannot see many of the extra hidden safety features. Uninformed users may think our seats and another suppliers are the same. However, they may not have added the hidden safety features that we have because of the added costs. We feel these safety features benefit the strength of our swings and the well-being of the children that use our equipment. The seat should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. This seat is for children only. Tensile strength 1900 lbs.

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

This swing is intended for tots two and three years old for RESIDENTIAL USE ONLY. Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your playground equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections.

Place tire swings and disk swings in separate bays, away from other swinging equipment. Space swings at least as far apart as indicated: 8 inches minimum for swings with limited sideways motion; 24 inches minimum between swings with unlimited lateral motion (such as disk swings) and support poles when measured from the side of the swing perpendicular to the plane formed by the support poles; 12 inches minimum between lawn swings and equipment support poles measured at 28 inches above the seat; 16 inches minimum between the teeter-totter’s seat center and support poles at 22 inches above the seating surface; 8 inches minimum between the protective surfacing and the underside of a suspended unit. The use zone for the swing should extend to the front and rear of the swing set, a minimum of twice the vertical distance from the top of the occupant’s sitting surface to the pivot point of the swing hanger. The use zone in front of and behind swings should never overlap with any other use zone. The use zone to the sides of a single-axis swing should extend a minimum of 6 feet from the perimeter of the swing. This 6-foot zone may overlap that of an adjacent swing structure or other playground equipment structure.

The open section of swing seat should face forward. This swing has two rings, one on each side of open section of swing. You may attach our A1750 safety chain to these rings or another type of restraint. Make sure restraint system does not pose a strangulation hazard. To attach swing to set, measure each side of swing chain, so the swing hangs evenly. Attach the bottom of each chain to the metal triangle on swing seat with either a shackle or S-hook. The bolt on shackle goes through the chain with “C” part of shackle going through triangular hardware on the swing. This 6-foot zone may overlap that of an adjacent swing structure or other playground equipment structure.

This seat is for children 2 and 3 years old only. This swing is intended for use by only one child at a time. Children should be placed in swing and removed from swing by an Adult. Do not remove children until the swing has stopped completely. Adults should supervise children at all times. Do not allow children to stand or kneel on seat or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

Specifications for all warning signs or labels should conform to ANSI Z35.1 and ANSI Z35.1 or ANSI Z35.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay/.

Safe Use: This seat is for children 2 and 3 years old only. This swing is intended for use by only one child at a time. Children should be placed in swing and removed from swing by an Adult. Do not remove children until the swing has stopped completely. Adults should supervise children at all times. Do not allow children to stand or kneel on seat or use unsafely. Do not allow it to be used if damaged. Do not use when wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging.

Maintenance: At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in elastomer. Check for vandalism. Make sure restraint system is still installed correctly. Check for rusty or worn chain. Replace parts if necessary. Check to make sure S-hooks and/ or Shackles are closed properly. Check resilient surfacing for appropriate depth and cleanliness. If you see wear on a swing, replace all swings purchased at the same time. Remove swings from set when temperature reaches zero or over 100°.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

Colors: Black Only
**A1951 - Soft Edge Rubber Seat - Commercial**

This European style seat is rubber injection molded form T.P.R. over cast rib reinforced aluminum core, ensuring maximum strength and durability. “A” frame one piece brackets are attached with nylon and zinc plated flat washers. The dimensions of the seat are 17 7/16” x 9” x 1 5/16”. Space between hangers is 13.75”.

This seat should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 1710 lbs.

**“Installation, Safe Use and Maintenance Instructions”**

**IMPORTANT:** Please read for important information. In this material we have tried to provide some requirements stated in the CPSC Handbooks, ASTM F2373-11, F1487-11 and F1148-09. However, we in no way intend for this to be a complete list of requirements. Also these publications are updated frequently with changes, therefore, you should read these publications yourself to determine if any part or installation could prove a danger to a child.

To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website, www.americanswing.com. Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpscpub/pubs/325.pdf.

**Installation: Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.**

This swing is intended for children four years to twelve years old. Read all instructions before attempting assembly. To determine proper use zones needed for swing set consult Figure 23, Table 7 for commercial swing sets. For residential sets see spacing dimensions on Page 4 of the Outdoor Home Playground Safety Handbook. Install swing set where a child can easily be supervised. Do not install playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Install your play equipment on level ground with adequate surfacing and anchoring. Use proper hardware, and tighten all connections.

This swing must be installed a minimum of 12 inches from resilient surfacing. On average, seats are 2’ from resilient surfacing depending on the age of children. Install this swing where a child can easily be supervised and not in direct sun. Swings intended for the same age groups should be suspended from structures that are separate from those for other swings for different age groups, or at least suspended from a separate bay of the same structure. For instance, a full bucket swing should be in the same bay with another full bucket swing, not a full bucket and a strap seat in the same bay. To minimize the likelihood of children being struck by a moving swing, it is recommended that no more than two swings be hung in each bay of the supporting structure. The use zone for the swing should extend to the front and rear of the swing set, a minimum of twice the vertical distance from the top of the occupant’s sitting surface to the pivot point of the swing hanger. The use zone in front of and behind swings should never overlap with any other use zone. The use zone to the sides of a single-axis swing should extend a minimum of 6 feet from the perimeter of the swing. This 6-foot zone may overlap that of an adjacent swing structure or other playground equipment structure.

Attach metal triangle hangers by first putting one of supplied washers on both ends of each hanger. Then, push hangers through holes in the end of each seat. Slide another washer on threaded portion of hanger sticking through the bottom of the swing. Attach and tighten nylock nut so that it is secure and not more than two threads are protruding past the nut. Repeat this process for all four ends of hangers. Then, measure each side of swing chain, so the swing hangs evenly. Attach the bottom of each chain to the metal triangle on swing seat with either a shackles or S-hook. The bolt on shackle goes through the chain with “C” part of shackle going through triangular hardware on swing seat. Close according to Figure A1.19 for Fastening Devices. Make sure that fasteners are strong enough to support weight and use. We suggest using a H170 shackles or 3/8” diameter standard S-hooks to connect chain to seat. **WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking.** Try swinging seat without child in it first to make sure everything is working correctly before placing child in seat.

Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. **Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.**

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. **Not for Adults. Adults should supervise children at all times. Do not allow children to stand or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards.** Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay/.

**Safe Use:** This seat is for children 4 – 12 years old only. This swing is intended for use by only one child at a time. Adults should supervise children at all times. Do not allow children to stand or kneel on seat or use unsafely. Do not allow it to be used if damaged. Do not use when wet. Instruct children not to wrap chains around top beam or twist chains. Tell children to watch for children and adults standing, walking or running close to moving swings and to stop swinging to avoid hitting them and causing injury. Tell children to hold chains tightly in each hand while swinging. Tell children not to get off swing until it has stopped completely.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges on hardware and/or cracks in rubber. Make sure the steel insert is not showing through rubber. Check for vandalism. Make sure nuts on seats are not loose or missing. Check for rusty or worn chain. Replace parts if necessary. Check to make sure S-hooks and/or Shackles are closed properly. Check resilient surfacing for appropriate depth and cleanliness. If there is snow or ice on a swing, replace all swings purchased at the same time. Remove swings from set when temperature reaches zero or over 100°. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse voids all warranties.
This is a residential light use only swing hanger. Nylon bushing hanger with 5/16” wood thread for installation in wood swing seats. Galvanized to retard rust. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Tensile strength 780 lbs. Sold as each.

**Installation, Safe Use and Maintenance Instructions**

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**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

To attach hanger first determine spacing by consulting ASTM 1148 diagram.

For Wood: Mark wood beam with correct spacing. Using a power drill with a 5/16” bit, start a hole at marked spacing. Screw the hanger up into the wood. Verify that the hanger triangle with the nylon bearing is even with the wood. Shaft of the bolt must be completely in wood. If not the stress point will be on the bolt instead of the bearing and can result in breakage and injuries.

For Pipe: Depending upon the diameter of the pipe, you may have to use a longer swing hanger and cut protruding threads off hanger. Mark pipe with correct spacing. Using a power drill with a 3/8” bit, drill holes through pipe. Put swing hanger up through 3/8” hole in pipe; place washer on top of swing hanger and attach lock tight nut. Using a hacksaw, cut off all protruding threaded ends past two threads of bolt and remove any sharp edges with a metal file as needed. To prevent a protrusion, this hanger should have a plastic cap placed over the nut on top of pipe. Verify that the hanger triangle with the nylon bearing is flush with the bottom of the pipe. Shaft of the bolt must be completely in pipe. If not the stress point will be on the bolt instead of the bearing and can result in breakage and injuries.

When in use this hanger may squeak and this is normal. Grease or oil bushings if squeaking noises are heard. You will need to use S-hooks or shackles from the chain to the swing hangers. Make sure the S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. Make sure that if you are using shackles they are also tightened. You will need to use S-hooks or H-shackles from the chain to the swing hangers. Make sure the S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. Close according to Fig A1.19 for Fastening Devices. **WARNING:** Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. Using a H175 wrench to open and close bolts. Make sure that if you are using shackles they are also tightened.

Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. **Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.**

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. **Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstrings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.**

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at http://www.mindspring.com/~safetyplay.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in hanger, paying particular attention to nylon bushing surface. Make sure that the bottom portion of the figure 8 on the swing hanger is not
coming open and that shackle or s hook is still closed properly. Make sure that bolt hole in wood is not enlarging, putting stress on the bolt of
the swing hanger by allowing the bolt to move back and forth. Check for vandalism and misuse. Replace parts if necessary.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
**Installation, Safe Use and Maintenance Instructions**

**IMPORTANT:** Please read for important information. In this material we have tried to provide some requirements stated in the CPSC Handbooks, ASTM F2373-11, F1487-11 and F1148-09. However, we in no way intend for this to be a complete list of requirements. Also these publications are updated frequently with changes, therefore, you should read these publications yourself to determine if any part or installation could prove a danger to a child. To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website. [www.americanswing.com](http://www.americanswing.com) Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see [http://www.cpsc.gov/cpscpub/pubs/325.pdf](http://www.cpsc.gov/cpscpub/pubs/325.pdf).

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

To attach hanger first determine spacing by consulting ASTM 1148 diagram.

**For Wood:** Mark wood beam with correct spacing. Using a power drill with a 5/16” bit, start a hole at marked spacing. Screw the hanger up into the wood. Verify that the hanger triangle with the nylon bearing is even with the wood. Shaft of the bolt must be completely in wood. If not the stress point will be on the bolt instead of the bearing and can result in breakage and injuries.

**For Pipe:** Depending upon the diameter of the pipe, you may have to use a longer swing hanger and cut protruding threads off hanger. Mark pipe with correct spacing. Using a power drill with a 3/8” bit, drill holes through pipe. Put swing hanger up through 3/8” hole in pipe; place washer on top of swing hanger and attach lock tight nut. Using a hacksaw, cut off all protruding threaded ends past two threads of bolt and remove any sharp edges with a metal file as needed.

To prevent a protrusion, this hanger should have a plastic cap placed over the nut on top of pipe. Verify that the hanger triangle with the nylon bearing is flush with the bottom of the pipe. Shaft of the bolt must be completely in pipe. If not the stress point will be on the bolt instead of the bearing and can result in breakage and injuries.

When in use this hanger may squeak and this is normal. Grease or oil bushings if squeaking noises are heard. You will need to use S-hooks or shackles from the chain to the swing hangers. Make sure the S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. Make sure that if you are using shackles they are also tightened. You will need to use S-hooks or H-shackles from the chain to the swing hangers. Make sure the S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. Close according to Fig A1.19 for Fastening Devices. WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. Using a H175 wrench to open and close bolts. Make sure that if you are using shackles they are also heightened.

Protective surfacing that meets ASTM F1292 must be installed under swing set and extends at least six feet from the sides of the set and twice the height of the top bar in the front and back of swing set. **Protective surfacing is one of the most important things that you can do to reduce the likelihood of serious injuries.**

The new CPSC standard states the owner/operator of the swing set needs to post warning signs outside the use zone that are readily visible to the intended viewer and alert them to the potential hazard in time to take appropriate action. This message may be on either a sign or label outside the use zone. Signs should be posted that state the appropriate age group for the swing set. **Not for Adults. Adults should supervise children at all times. Do not allow children to stand on or use unsafely. Do not allow set to be used if damaged. Remove helmets, drawstings or accessories around the neck which are all known to create head entrapment or entanglement hazards. Where applicable, Hot play surfaces are known to reach temperatures high enough to cause serious burns to children generally less than 4 years of age.**

Specifications for all warning signs or labels should conform to ANSI Z535.1 and ANSI Z535.1 or ANSI Z535.1 in the following areas: legibility, type of lettering, clarity of message and symbol, color specifications and work message and visibility. The labels or signs should be durable and conform to UL 969. It has been and continues to be the responsibility of the owner/operator to replace signs or labels or both should they become illegible, destroyed or removed. Signs can be purchased at [http://www.mindspring.com/~safetyplay](http://www.mindspring.com/~safetyplay).

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks in hanger, paying particular attention to nylon bushing surface. Make sure that the bottom portion of the figure 8 on the swing hanger is not coming open and that shackle or S hook is still closed properly. Make sure that bolt hole in wood is not enlarging, putting stress on the bolt of the swing hanger by allowing the bolt to move back and forth. Check for vandalism and misuse. Replace parts if necessary.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A3600 Solid Aluminum Steering Wheel - Commercial

This design is safer for children’s fingers! This is a 12” diameter and a solid bowl shaped steering wheel and adds greater safety than the spoke type steering wheels. You will need a 5/8” carriage bolt to attach to frame, bolt not included. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. Weight is 6 lbs. each.

**Installation, Safe Use and Maintenance Instructions**

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To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website. www.americanswing.com Download and print these instructions and keep in a safe place. Our website also has a "Product Testing Information" page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpscpub/pubs/325.pdf.

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Needed a 5/8” carriage bolt (the appropriate length to go through your wood or pipe, so that there are not more than 2 threads showing past the nut) a 5/8” nylock nut and 2 washers. Make sure washers are not smaller in diameter than nut, to prevent entanglement. See Figure A1.15. Make sure wood or pipe is strong enough to support weight of wheel and spinning motion. Drill 5/8” hole through wood or pipe. Place washer next to wood, then place bottom half of steering wheel hub next to washer, then steering wheel, then top half of hub with round hole. Put carriage bolt through top of steering wheel. Place second washer on the backside of the wood then the nylock nut. Tighten nylock nut so that it is secure and not more than two threads are protruding past the nut. Make sure that the steering wheel can spin freely.

**Safe Use:** This is for children 2 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At the beginning and end of each play season and once a month during the play season, check that the steering wheel can spin freely. Check for vandalism, sharp edges, rust or splintered wood. Make sure nut is secure. Replace parts as necessary. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:** Blue, Red and Yellow
A3755 - Flower Disk 11” Disk - Residential

This disk is made out of a durable plastic. It comes in bright colors that will resist fading. This disk uses our nylon rope. This Disk is 11” in diameter 1 1/2” thick with a ½” hole in the middle for the rope. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. **Holds up to 150 lbs.**

**Installation, Safe Use and Maintenance Instructions**

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To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website. www.americanswing.com Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see http://www.cpsc.gov/cpscpub/pubs/325.pdf.

Due to the thermo dynamics and lower heat transfer properties of plastics insulates better and doesn’t transfer the heat as quickly. Because of these properties, the Consumer Product Safety Commission (CPSC) recommends plastic surfaces over bare metal.

Regardless of lower heat transfer properties, plastic play equipment can still become hot enough—in extreme temperatures and direct sunlight—to cause burns. As is the case with all playground equipment, parents and supervisors must monitor the children in their care, make certain that the equipment is appropriate for their age, and always check playground surfaces for excessive heat before allowing children to play. For more information, contact IPEMA headquarters at www.communications@ipema.org or by calling 1-717-238-1744.

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Take appropriate length of ½” rope. See Figure A1.29 for spacing requirement. Remember disk cannot be used in the same bay with other swinging elements. Thread one end of rope through hole in disk. Tie a secure Stopper Knot at the bottom of the rope. Make sure Stopper Knot is large enough not to slip back out through hole. Attach rope to swing hanger by using a fastener and tying an Eye Splice Knot in one end of the rope. Attach Eye Splice Knot to a fastener, then attach fastener to swing hanger. Make sure all knots are secure. Make sure that fasteners are closed according to Figure A1.19 for Fastening Devices and strong enough to support weight and use. We suggest at least 5/16” diameter fasteners. Directions for tying knots can be found on YouTube.

**Safe Use:** This is for children 5 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged or wet.

**Maintenance:** At beginning and end of each play season and once a month during play season, check that knots are secure, that rope is not fraying and that plastic in not cut or cracking, especially around the middle hole in the disk. Also make sure fasteners are closed properly. Check for vandalism. Replace parts as necessary.

Any damage from vandalism, abuse or misuse VOID all warranties.

**Colors:** Green and Yellow only
A5160 Heavy Duty 3 Prong Tire Swivel – Commercial

This tire swivel has 3 prongs to prevent chains from tangling. Our heavy duty commercial tire swivel has a rubber boot to prevent fingers from being pinched. It is for wood swing set frames. The plate is 5 ¾” x 2 ¼” with two 9/16” holes that are 4 ½” center to center. It hangs down 8 1/2” from pipe. Powder coated in a bright red finish. You can use the A6500 – A6000 or the A5725 for this. Nuts and bolts not included. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

**Installation, Safe Use and Maintenance Instructions**

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Installation: Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

Grease the Tire Swivel before using. Tire Swivel must be installed in a bay without any other components. For tire swings, extend surfacing in a circle whose radius is equal to the height of the suspending chain or rope, plus 6 feet in all directions. Place tire swivel on wood beam and mark holes with pencil or pen on wood. Drill two 3/8” holes. Then, bolt tire swivel to wood beam with 3/8” bolts with the length depending on thickness of the wood, plus two flat washers, one on top and one on the bottom of the bolts and secure with a 3/8” nylock nut. (Bolt, washers and nuts are not included.) Put bolts and washers through beam so that nuts are on the bottom of top beam, and so that the bolt is attached with no more than two thread showing beyond the nut. This will prevent a protrusion on the top beam. You will need to use S-hooks or H shackles from the chain to the swivel. Make sure the S-hooks are closed to within .04 to meet ASTM safety standards. To do this you will need to use our S-hook pliers or a regular pair of channel lock pliers. Close according to Fig A1.19 for Fastening Devices. WARNING: Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking. Make sure that if you are using shackles they are also tightened correctly. No bolts should protrude over two threads past its nut.

Safe Use: This is for children 2 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

Maintenance: Do the following to reduce the chance of serious injuries. At beginning and end of each play season and once a month during play season, check for rusty or worn chain. Carefully check hole around fasteners to look for wear. Check for vandalism. Check to make sure s hooks and/ or H-shackles are closed properly. Check spinning action and make sure there is no binding, and using a grease gun put a sufficient amount of standard grease into the swivel through the grease fitting. You will see the grease come out when it is full. We have used a McKay Molybdenum Disulfide grease cartridge, but any standard grease cartridge from any auto part store should be sufficient. There are two grease fittings that must be checked and filled with grease during maintenance. The first is at the bottom of the hanger in the swivel head and is easily seen and reached. The other grease fitting is harder to reach, and is located under the rubber boot on the universal joint. However, it is important that this grease fitting be checked also. To do this: Cut the zip tie holding the rubber boot. Take two flat head screw drivers and lift the boot down, so that you can put the grease gun nozzle on the grease fitting. Put in sufficient grease. Raise up the rubber boot and secure with another zip tie. Cut off excess plastic tail on zip tie. Make sure all nuts and bolts are secure and not worn. Look for loose parts, torn or missing rubber boots, cracks in metal or rust. Replace parts necessary for safe use. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A6625 Semi Closed ¼ Hook Yellow Zinc - Residential
3912 in stock

Primarily used to adjust rope lengths. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

**Installation, Safe Use and Maintenance Instructions**

**IMPORTANT:** Please read for important information. In this material we have tried to provide some requirements stated in the CPSC Handbooks, ASTM F2373-11, F1487-11 and F1148-09. However, we in no way intend for this to be a complete list of requirements. Also these publications are updated frequently with changes therefore, you should read these publications yourself to determine if any part or installation could prove a danger to a child.

To help keep children safe from harm, review installation and maintenance instructions before installing equipment. These are located in the description of every product on our website. [www.americanswing.com](http://www.americanswing.com) Download and print these instructions and keep in a safe place. Our website also has a “Product Testing Information” page. All products are tested for lead, phthalates and tensile strength. You can also call us at 1-800-433-2573 for more information or see [http://www.cpsc.gov/cpscpub/pubs/325.pdf](http://www.cpsc.gov/cpscpub/pubs/325.pdf).

**Installation:** Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

One of the uses for these fasteners is to shorten or lengthen rope.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** Do the following to reduce the chance of serious injuries. At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracks. Check for vandalism. Check for wear and frayed or loose rope. Replace parts if necessary. **WARNING:** Once the S-hooks have been opened they will have to be replaced to avoid injuries from coming open and/or breaking.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A6700 Pipe Collar – Residential

Our 2.5” aluminum pipe collar has a 1 3/8” ID hole for attaching pipe to wood structures. This does not include screws for installation.

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To attach to wood frame use #10 wood screws. These are not included. Screw two #10 screws into one side of wood side of frame. Place pipe in collars and then on the other side screw collar into side of wood frame. Make sure level and then using an allen wrench tighten set screw so that pipe is tight. Make sure that screws and pipe are in tightly.

**Safe Use**: This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance**: At beginning and end of each play season and once a month during play season check for rust, loose screws, broken or splintered wood. Check that pipe is still tight in pipe collar. Replace parts as necessary.

Any damage from vandalism, abuse or misuse VOIDS all warranties.
A7660 - 8.5' Plastisol Chain - Commercial
82 blue – 247 yellow in stock

8 1/2 ft coated chain with 4 ft coated in bright blue and yellow polymer colors. This is sure to brighten up any swingset. This is 3/16" chain that is 4/O Aught and Grade 30. The links are 1" long and the opening is ½" wide. You need to use the H140 or H145 5/16" S-hook with this chain. You can also use the H170 – H171 - H172 and H173 shackles, but you will have to force them through the coated part of the chain. Chain that is not bought from a playground manufacturer does not have the quality control and have been known to have weak links and can contain air bubbles. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. **Sold individually.**

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Chain should always be attached using the last link in length of chain. Assembly will depend upon use. Coated section should be used where children are most likely to hold. For instance on a swing assembly, the coated section should be attached to the swing. Fasteners may need to be forced through the polymer. If coating is too thick for fastener to slide through easily, you may have to use pliers to pull fastener through the coating or cut away some of the coating for the fastener to fit through link. Close according to Fig. A1.19 for Fastening Devices.

**Safe Use:** This is for children 0 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** Do the following to reduce the chance of serious injuries. At beginning and end of each play season and once a month during play season, check for rusty or worn chain. Carefully check hole around fastener to look for wear. Check for vandalism. Check to see that polymer has not been peeled away from chain resulting in sharp pieces of either chain or polymer. Replace parts if necessary. Check to make sure S-hooks and/ or H-shackles are closed properly. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:** Blue and Yellow
A8845 - Sand Rocks (set of 10) – Commercial

Set of 10 Rocks with the appearance of natural stone. They come in all different shapes to maximize the combination of rock wall configuration you can design for different age groups. They are roughly 4 1/2’ x 3 x 1 1/2” in size and the holes are 1 ¼ to 1 ½ center to center. The material is plastic P.P. resin with high impacted ingredients, plus UV and cold weather protection. They have a rough surface that looks like "real" rocks. Attaching screws and bolts not included. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner. **Sold as set of 10.**

**Installation, Safe Use and Maintenance Instructions**

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Due to the thermo dynamics and lower heat transfer properties of plastics they insulate better and don’t transfer the heat as quickly. Because of these properties, the Consumer Product Safety Commission (CPSC) recommends plastic slides and plastic surfaces over bare metal.

Regardless of lower heat transfer properties, plastic play equipment can still become hot enough in extreme temperatures and direct sunlight to cause burns. As is the case with all playground equipment, parents and supervisors must monitor the children in their care, make certain that the equipment is appropriate for their age, and always check playground surfaces for excessive heat before allowing children to play. For more information, contact IPEMA headquarters at [www.communications@ipema.org](http://www.communications@ipema.org) or by calling 1-717-238-1744.

Installation: Our parts are sold as either replacement parts or components of a set, unless you are buying our Metal Frame Set, therefore these parts need to be installed according to the sets installation instructions. If the installation instructions differ from ours please contact us at 800-433-2573.

You will need ten 1 ½” long 3/8” lag bolts and ten 1 ¼” long #12 screws for each set of rocks. Determine difficulty and height wanted. For one set of rocks use 1” plywood, for taller set use thicker plywood. Plan configuration wanted for rocks. Place rock on board and mark with pencil where holes need to be drilled. Drill a pilot hole for 3/8” lag bolt and for large hole and #12 for small hole for each rock. Then using a 9/16” socket, screw 3/8” lag bolt into rock. Do not tighten until second bolt is installed. Using a 5/16” socket, screw in the #12 wood screw. Tighten both screws. Continue procedure until all twenty bolts are screwed in completely. Make sure no sharp point protrude beyond back of plywood.

Safe Use: This is for children 5 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged or wet.

Maintenance: Before and after play season and once a month during play season, check that bolts are tight. Make sure there is no cracked plastic, cracks in wood or splinters. Make sure there are not sharp edges or bolts showing through wood. Replace parts as needed. Maintain detailed inspection and maintenance records for public-use playground equipment.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

Colors: Blue, Red and Yellow
A8866 - Rope Green - Green Rope 5/8 x 10.5 Set of 3 – Residential
584’ in stock
A8880 – Periscope Daisy – Residential

Molded out of polypropylene it is 14” long and comes with four 1/8” screws for mounting hardware. It also has a 5% working lens. Comes as seen in picture. This product should last 2 years in harsh conditions and up to 5 years in optimal conditions. Some conditions may require replacement sooner.

**Installation, Safe Use and Maintenance Instructions**

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Attach the periscope holder to flat surface using the included screws. Then snap in periscope. It should slide up and down in holder.

**Safe Use:** This is for children 2 - 12 years old only. Adults should supervise children at all times. Do not allow children to use unsafely. Do not allow it to be used if damaged.

**Maintenance:** At beginning and end of each play season and once a month during play season, check for sharp edges and/or cracked plastic. Make sure mirrors are not broken. Check that screws are secure. Check for vandalism and missing parts. Replace parts as necessary.

Any damage from vandalism, abuse or misuse VOIDS all warranties.

**Colors:** Green w/Red Flower
AMS4 – Playset – Commercial - Overseas
1 in stock

AMS5 – Playset – Commercial - Overseas
1 in stock
**PLAYGROUND SAFETY CHECKLIST**

Inspections should be conducted on a frequent, regularly scheduled basis. Following are some danger points that could be checked on each tour:

<table>
<thead>
<tr>
<th>Visible cracks, bending, warping, rusting, or breakage of any component.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deformation of open hooks, shackles, rings, links etc.</td>
</tr>
<tr>
<td>Worn swing hangers and chains.</td>
</tr>
<tr>
<td>Missing, damaged, or loose swing seats; heavy seats with sharp edges or corners.</td>
</tr>
<tr>
<td>Broken support/anchors.</td>
</tr>
<tr>
<td>Footings exposed, cracked, or loose in ground.</td>
</tr>
<tr>
<td>Accessible sharp edges or points.</td>
</tr>
<tr>
<td>Exposed ends of tubing that should be covered by plugs or caps.</td>
</tr>
<tr>
<td>Protruding bolt ends that do not have smooth finished caps and covers.</td>
</tr>
<tr>
<td>Loose bolts, nuts, etc.</td>
</tr>
<tr>
<td>Worn bearings.</td>
</tr>
<tr>
<td>Broken or missing rails, steps, rungs, or seats.</td>
</tr>
<tr>
<td>Surfacing material worn or scattered (in landing pits, etc.)</td>
</tr>
<tr>
<td>Hard surfaces, especially under swings, slides, etc.</td>
</tr>
<tr>
<td>Use only commercial parts for commercial applications - not residential.</td>
</tr>
<tr>
<td>Chipped or peeling paint.</td>
</tr>
<tr>
<td>Vandalism (broken glass, trash, etc.)</td>
</tr>
<tr>
<td>Pinch or crush point (exposed mechanisms, junctures of moving components, e.g.,)</td>
</tr>
<tr>
<td>Tripping hazards such as roots, rocks, or other environmental obstacles.</td>
</tr>
<tr>
<td>Poor drainage areas.</td>
</tr>
<tr>
<td>Splintered, cracked, or deteriorated wood.</td>
</tr>
<tr>
<td>Lack of lubrication on moving parts.</td>
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