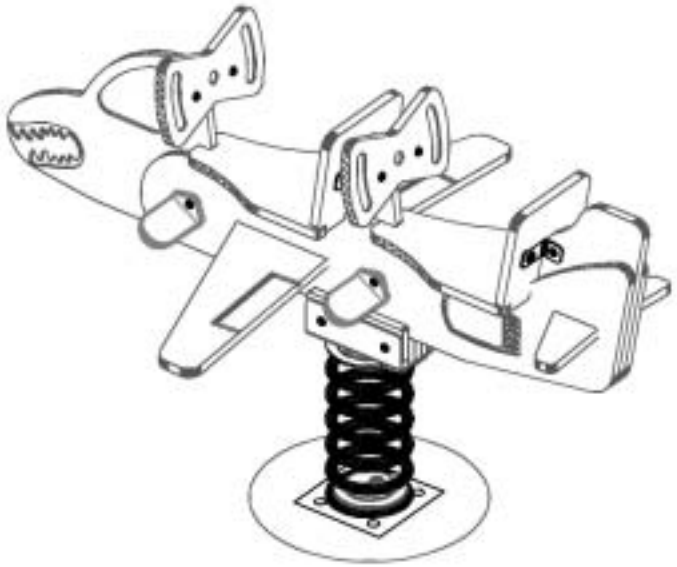


2-Seat Jet
Spring Rider #80603072XX

Installation Time: **1-1/2 hours**
Concrete Required: **3-1/2 cubic feet**

REQUIRED TOOLS:
Shovel/ Post Hole Digger / Auger
Wheelbarrow
Concrete Trowel
Short Level
Rubber Mallet
T-30 TORX Tool (supplied by manufacturer)
Heavy cardboard for 18" diameter concrete form

PRE-INSTALLATION CHECK

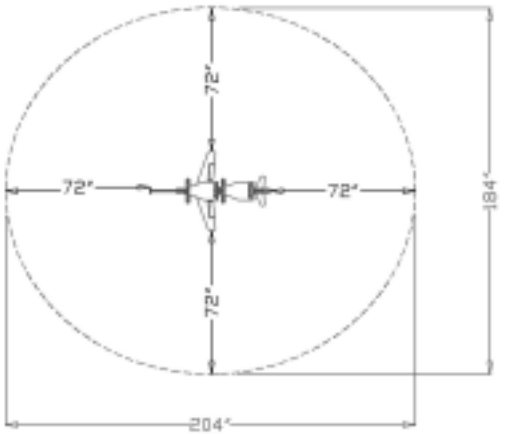
Compare all items received to the packing list. Notify your local sales representative immediately of any missing or damaged parts.

We are not responsible for items discovered missing after 72 hours from time of delivery!

Before beginning installation, make sure you have read and understand the Installation Introduction manual that was supplied to you. If you did not receive a copy, or if you have a question regarding anything covered in this manual, contact your local sales representative.

USE ZONE

The use zone for rocking/springing equipment upon which the user is intended to sit shall be no less then 72" (1830 mm) in all directions from the at-rest perimeter of the equipment. The use zones of adjacent rocking/springing equipment intended for sitting may overlap when each structure consists of a seat or designated play surface with a height of 30" (760 mm) or less above the protective use zone surfacing when unoccupied. Use zone overlaps vary when structures other than riders are adjacent.

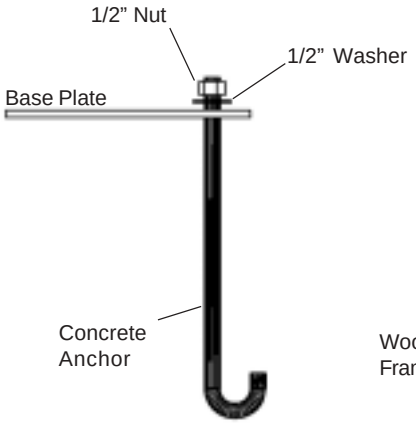


STEP 1:

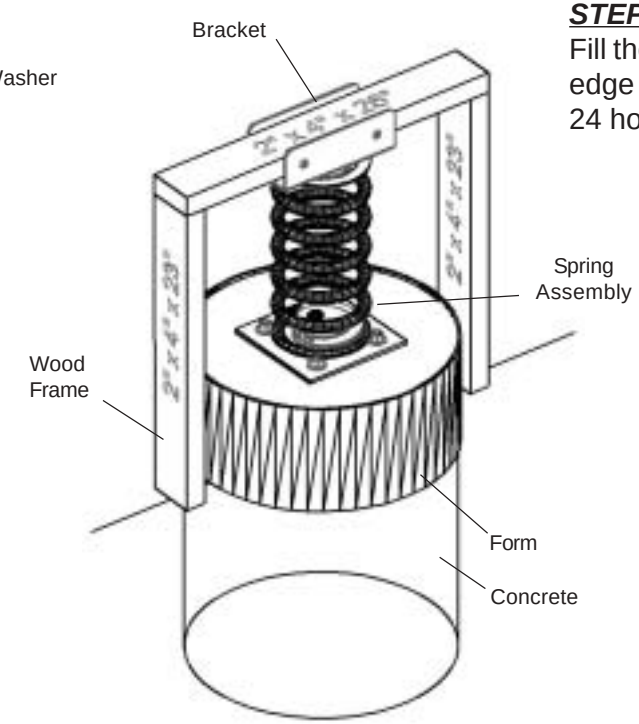
Select four 12” long concrete anchors, eight 1/2” washers, and four 1/2” nuts. Turn the spring assembly over on its side. Insert the threaded ends of the four anchors up through the bottom four holes in the spring assembly base plate (See Anchor Detail).

STEP 2:

Place one washer over each anchor end. Thread one nut onto each anchor until the threads just start to exit nut. Anchor bolts will dangle from base plate when the spring assembly is positioned above concrete form.



Anchor Detail



Spring Assembly

STEP 3:

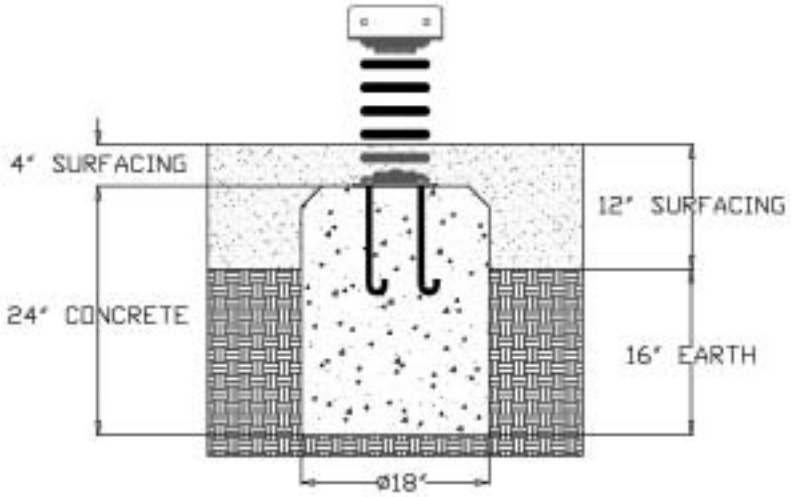
Excavate footing hole as shown in footing elevation below. Use heavy cardboard, or tube to form the portion of concrete cylinder above hard grade. Top of form should stand 8” above grade.

STEP 4:

Block and brace spring assembly over the top center of the form. A frame constructed from scrap wood works well (see Spring Assembly Detail). The rider bracket should be oriented with open ends in direction that rider will face. Base plate bottom should be level with top edge of form. Level entire spring assembly.

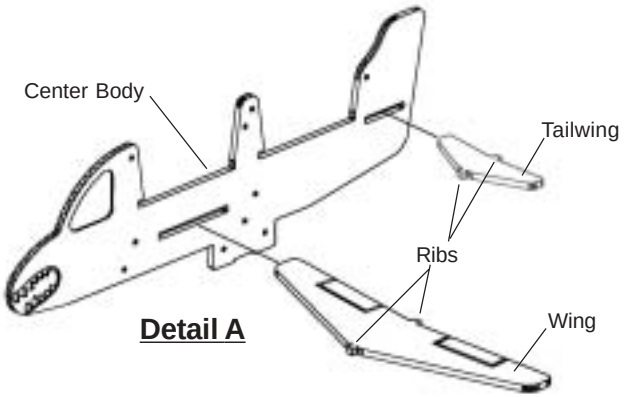
STEP 5:

Fill the hole and form with concrete until it touches base plate. Bevel top edge of concrete to eliminate sharp corner. Allow concrete to harden for 24 hours before continuing assembly.



Footing Elevation

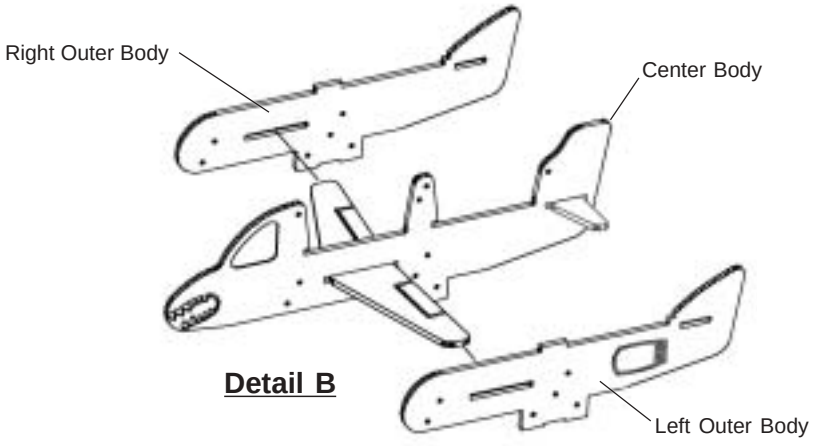
NOTE: Footing Elevation shown with 12” of surfacing and 8” of concrete above grade. The height of your concrete above grade will vary depending on your surfacing depth. You must maintain 4” of surfacing above base plate.



Detail A

STEP 6:

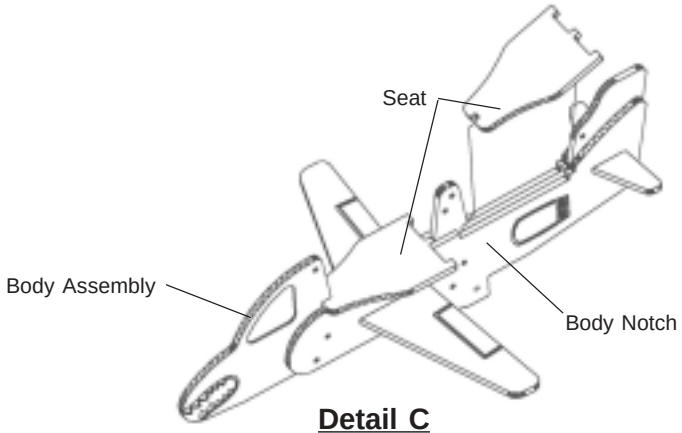
Select center body, wing and tail wing sheet plastic parts. With wing flap graphic cuts facing up, slide wing through front slot in center body. Using a rubber mallet, tap wing end until the ribs at wing midpoint are centered within slot. Repeat this procedure for tail wing in rear slot (See Detail A).



Detail B

STEP 7:

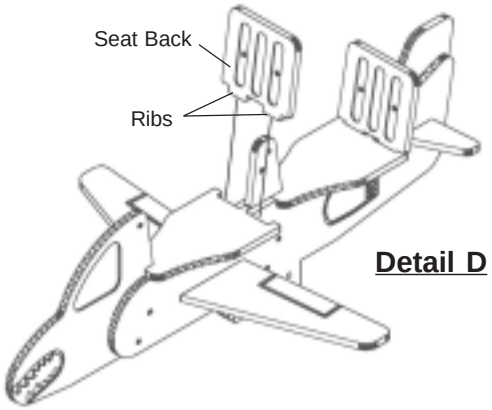
Select right and left outer body parts. With engine graphic cuts facing out, slide the right and left outer bodies over their respective wing ends. Tap with rubber mallet until outer bodies are flat against center body (See Detail B).



Detail C

STEP 8:

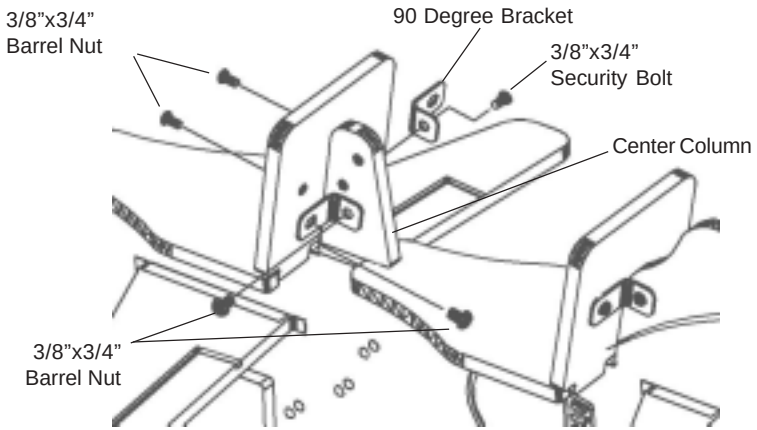
Select one plastic seat. From the top, slide the notch at the front of the seat down into the notch in the center body. Press down on rear of the seat until it rests on body assembly. The rib at the tail of seat may need tapped into position with the rubber mallet. Repeat procedure for second seat (See Detail C).



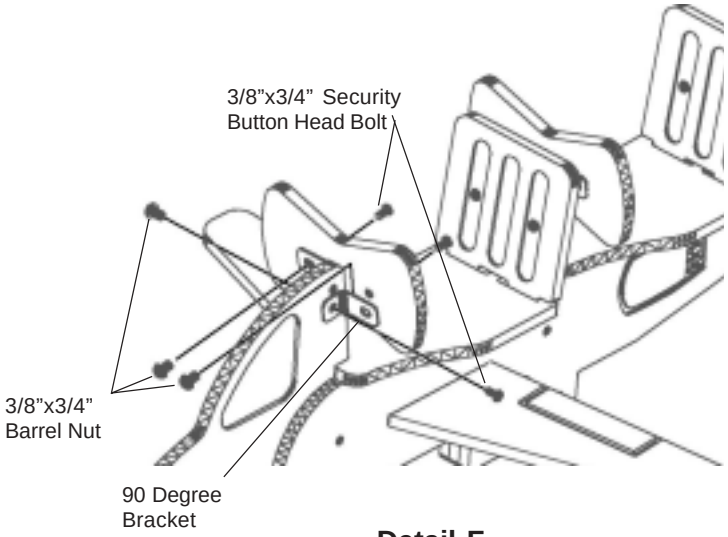
Detail D

STEP 9:

Select two seat backs. With graphic cuts forward, slide each seat back with ribs downward into the openings at the back of each seat. Tap into position with rubber mallet (See Detail D).



Detail E



Detail F

STEP 10:

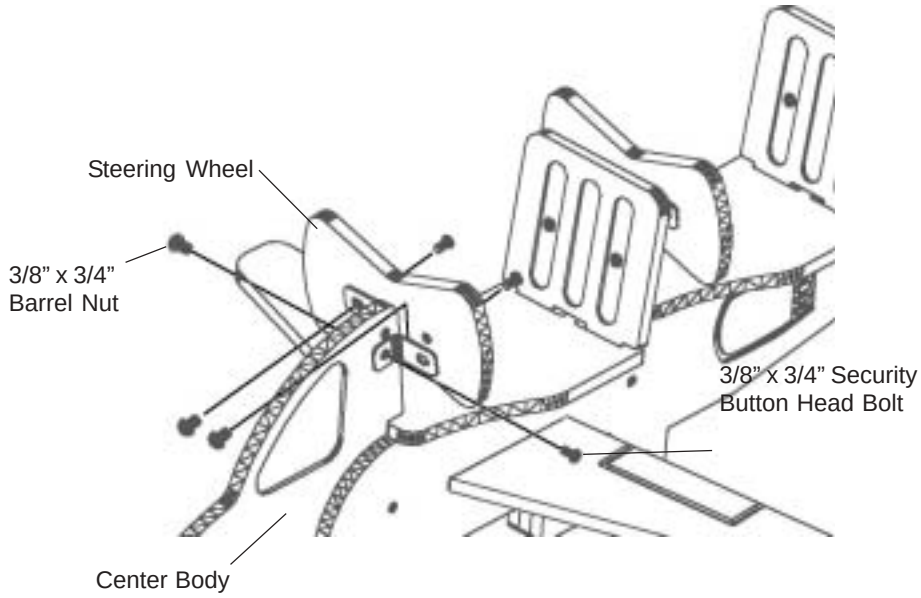
Select one 90 degree bracket, one 3/8 x 3/4” barrel nut, and one 3/8”x3/4” security button head bolt. Align slot on long leg of bracket with hole in the seat back. From the back, place barrel nut through bracket slot and into hole in seat back. Insert security bolt into seat from the front. Gently tighten hardware. Repeat process for bracket on opposite side of center column (See Detail E).

STEP 11:

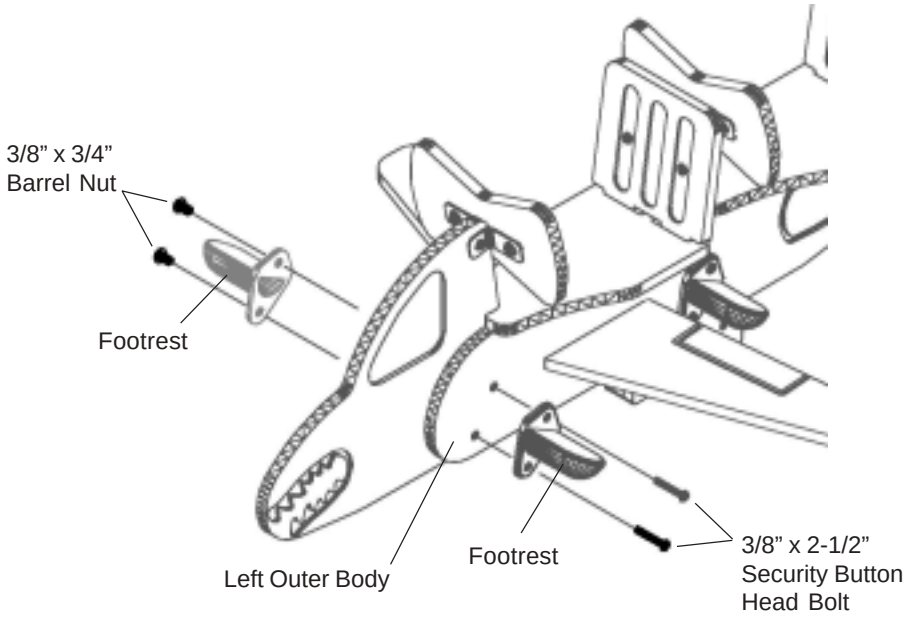
Pivot both brackets so that holes on short legs are aligned with the lower foremost hole in center column. Insert a 3/8”x3/4” barrel nut through the closest bracket and into the center column. Insert a 3/4” security bolt through the opposite bracket. Fully tighten all hardware (See Detail E).

STEP 12:

Select one steering wheel, one 90 degree bracket, one 3/8”x3/4” barrel nut, and one 3/4” button head security bolt. Align slot on long leg of the bracket with one of the holes on the back (non graphic) side of the steering wheel. Insert barrel nut through the bracket slot and into wheel hole. Insert security bolt through the front side of steering wheel. Gently tighten hardware. Repeat procedure for bracket on opposite side of center body (See Detail F).



Detail G



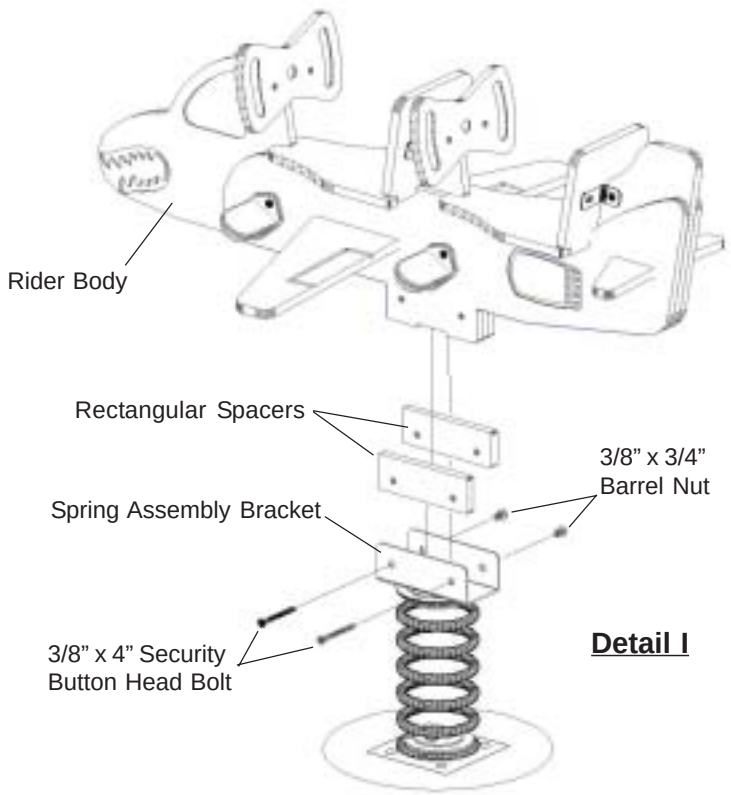
Detail H

STEP 13:

Select one 3/8" x 3/4" barrel nut and one 3/8"x3/4" security button head bolt. Pivot 90 degree brackets so that holes on short legs are aligned. Slide the steering wheel assembly down over the center body until holes in brackets align with those in body. Insert barrel nut through bracket and into center body. Insert security bolt into opposite bracket. Fully tighten all hardware (See Detail G). Repeat steps 12-13 for remaining steering wheel attachment.

STEP 14:

Select two footrests, two 3/8"x2-1/2" security button head bolts and two 3/8"x3/4" barrel nuts. Tap both barrel nuts into holes in one of the footrests. Align barrel nut ends with the two holes at the leading edge of outer body. Be sure that flat portion of footrest faces toward seat. Align second footrest with holes on the opposite outer body. Insert security bolts into footrest, and through the outer body holes. Secure all hardware (See Detail H). Repeat procedure for rear set of footrests.



BILL OF MATERIALS
PART / HARDWARE LIST

	Part Description	*Part No.*	*Qty.*
1)	Plastic Jet Center Body	10418001	1
2)	Plastic Jet Right Outer Body	10418002	1
3)	Plastic Jet Left Outer Body	10418003	1
4)	Plastic Jet Seat Back	10418004	2
5)	Plastic Rectangular Spacer	10418005	2
6)	Plastic Jet Wing	10418006	1
7)	Plastic Jet Seat	10418007	2
8)	Plastic Jet Tail Wing	10418008	1
9)	Plastic Jet Steering Wheel	10418009	2
10)	90 Degree Bracket	10318103	8
11)	Coil Spring	10018001	1
12)	Base Plate	10318008	1
13)	Spring Casting	10218102	2
14)	Rider Bracket	10318104	1
15)	Aluminum Footrest	10218101	4
16)	*Rider Hardware Bag with Tools	N/A	1

NOTE: All hardware supplied in bag may not be required for this assembly.

STEP 15:

Select two rectangular plastic spacers, two 3/8"x3/4" barrel nuts and two 3/8"x4" security button head bolts. Place one spacer along each inside wall of spring assembly bracket. Align holes in spacers with those in bracket sides. One person should lift the rider body and insert it into the bracket between the spacers. Align holes in rider body with holes in bracket and spacers. A second individual then inserts two barrel nuts through one side of bracket holes and into spacer. This individual then inserts two security bolts through holes in opposite bracket side. Fully tighten all hardware (See Detail I). **NOTE:** Allow concrete to harden for at least 48 hours (total) before use.

PRODUCT SPECIFICATIONS

RIDER

- 3/4” high density Polyethylene sheeting (Densetec 100)
- Tested in accordance with ASTM D1928 Procedure C
- Textured finish
- 4,400 psi tensile strength (ASTM D638)
- UV stabilized
- 9 color options

SPRING ASSEMBLY

- 5160 H steel alloy
- Carbon Chromium grade of spring steel
- 5-3/4” O.D. spring
- 13/16” O.D. bar
- Black powdercoat finish

HARDWARE

- Type 304 (18-8) stainless steel
- Conforms to ANSI/ASCE-8-90
- 84 ksi tensile strength
- 42 ksi yield strength
- Tamper resistant
- Special tool required for install

PRETREATMENT WASH PRIMER

- 4860-420 primer / 1000-44 activator
- Polyvinyl-butyral resin based primer
- Used on all milled steel and all weld joints
- Designed to give adhesion to a wide variety of metal substrates
- Provides added metal protection against rust
- Imparts extra durability to topcoat (powder coat)
- When reduced properly, it meets the definition of a “pretreatment” primer found in many air quality regulations

POWDER COAT FINISH

- TGIC Polyester
- Electrostatic application
- Baked-on @ 400 degrees
- 5-7 mills thick
- Lead free
- High gloss
- No peel / No flake finish
- Resistant to salt spray (ASTM B117)
- Resistant to humidity (ASTM D2247)
- Direct/Indirect impact 120 in. pounds (ASTM D2794)
- Good to excellent resistance to most solvents, oils, acids and alkalies
- 13 color options