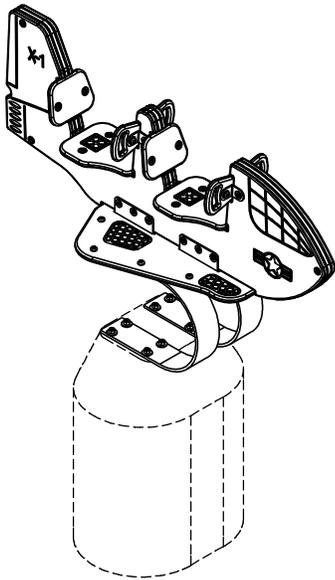
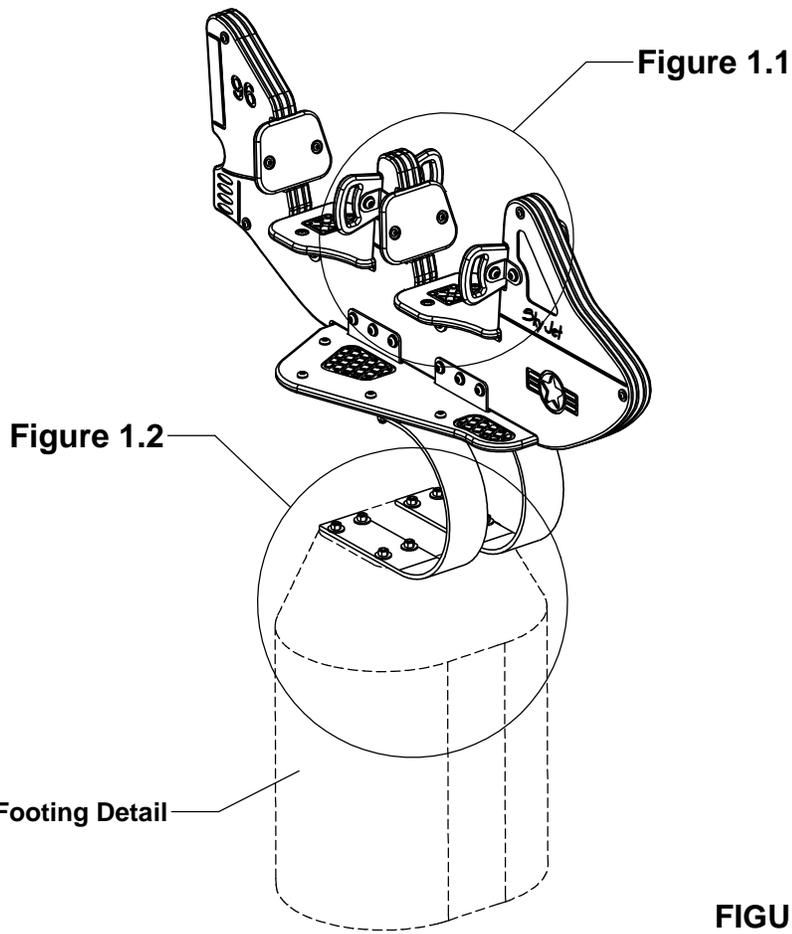


## IMPORTANT NOTES: Read First

- (A) Use liquid thread lock (such as Loctite<sup>®</sup>) with all threaded hardware. **Important:** Liquid thread lock (prior to curing helps to eliminate the common problem of "thread seizure" in stainless steel hardware by serving as a lubricant during assembly.
- (B) Do not pour concrete until the equipment is completely assembled, leveled and plumbed. Concrete must be allowed to cure completely before using the equipment (at least 72 hours).
- (C) Use appropriate compliant protective surfacing and adjust footing depths accordingly. See free publication - The Handbook for Public Playground Safety, Publication #325 at [www.CPSC.gov](http://www.CPSC.gov) for the surfacing appropriate for the fall height of the equipment or consult your surfacing supply representative.
- (D) All bolt threads protruding beyond the nut must be cut and de-burred until end is smooth to the touch. Sharp edges and/or points of any kind must be eliminated. No more than two threads may be exposed beyond the end of the nut.



**FIGURE 2**  
Dual Bell X1 Rider



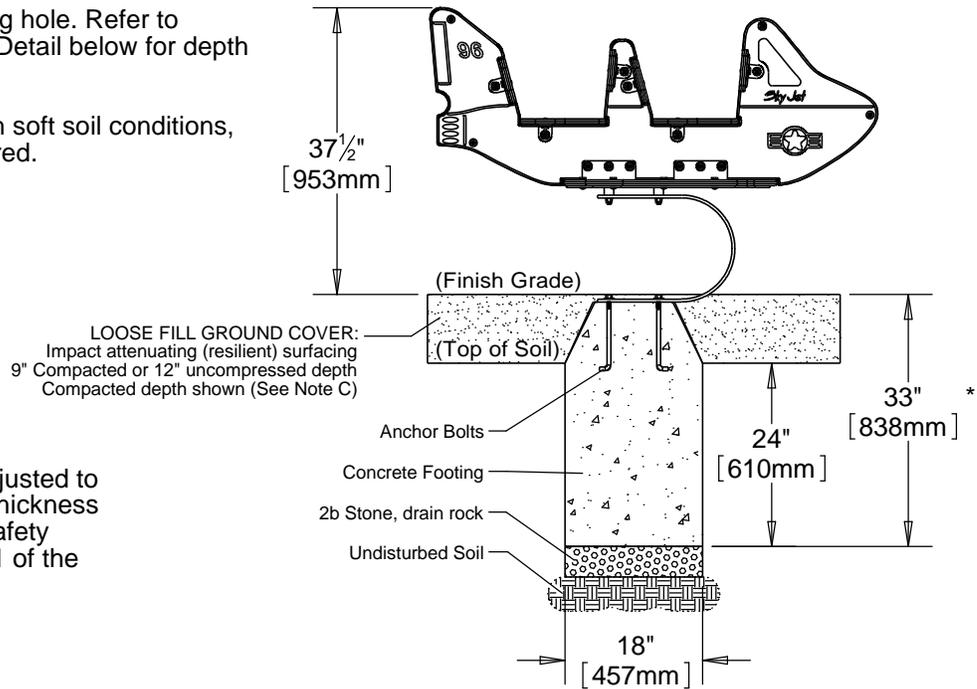
**FIGURE 1**  
Dual Sky Jet Rider

## Step 1

Dig a 18" x 24" oblong footing hole. Refer to Footing Layout and Footing Detail below for depth and details.

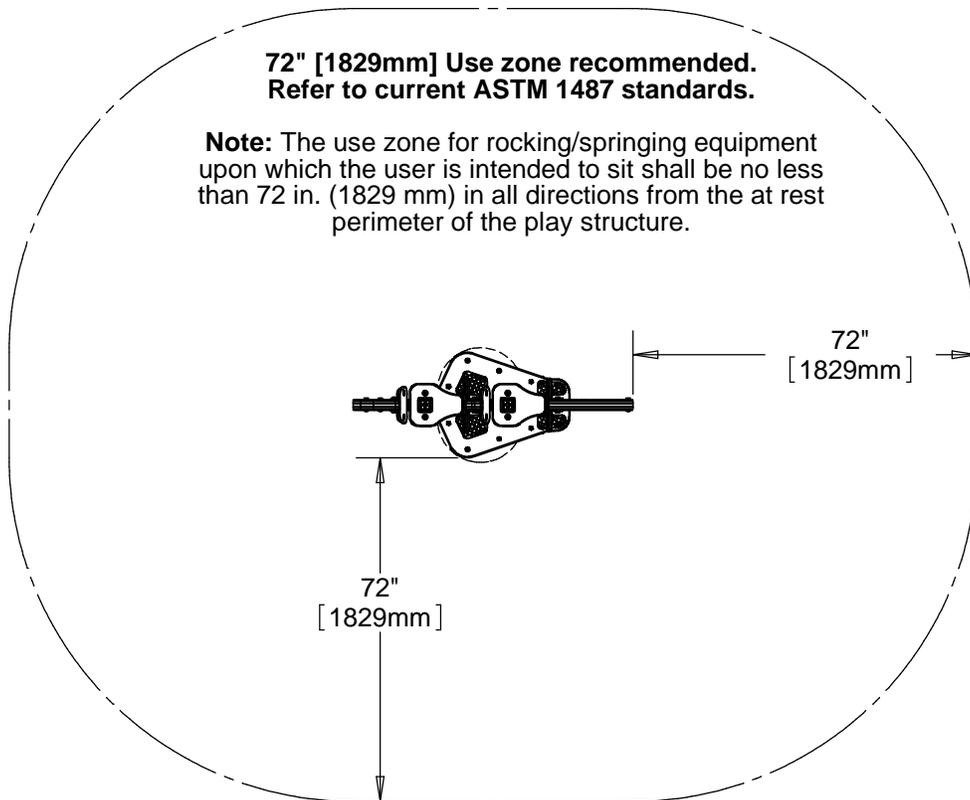
**IMPORTANT:** For areas with soft soil conditions, larger footings may be required.

### Footing Detail



\* Footing depth must be adjusted to compensate for the depth/thickness requirements of selected safety surfacing. See Section 06.1 of the Installation Manual.

### Top View - Footing Layout



## Step 2

Attach Anchor Bolts to Template. Allow approximately 1" of thread to protrude from the concrete as shown in Figure 3 and Figure 4.

## Step 3

Pour concrete footing and lay template on surface in a level position as shown in Figure 4. Force anchor bolts into concrete. Allow at least 72 hours to cure before proceeding to the next step 10. (See Note B)

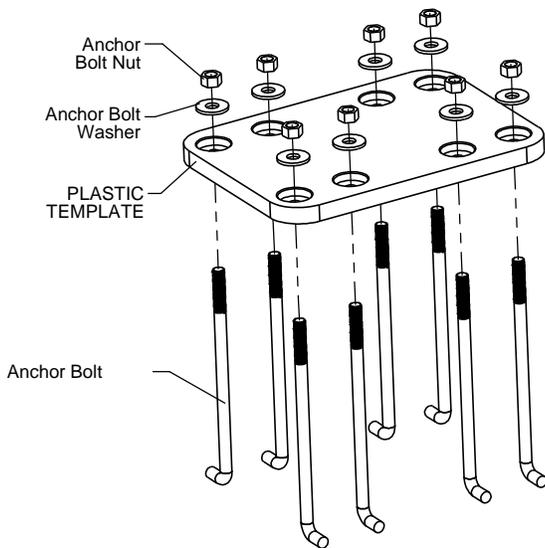


FIGURE 3

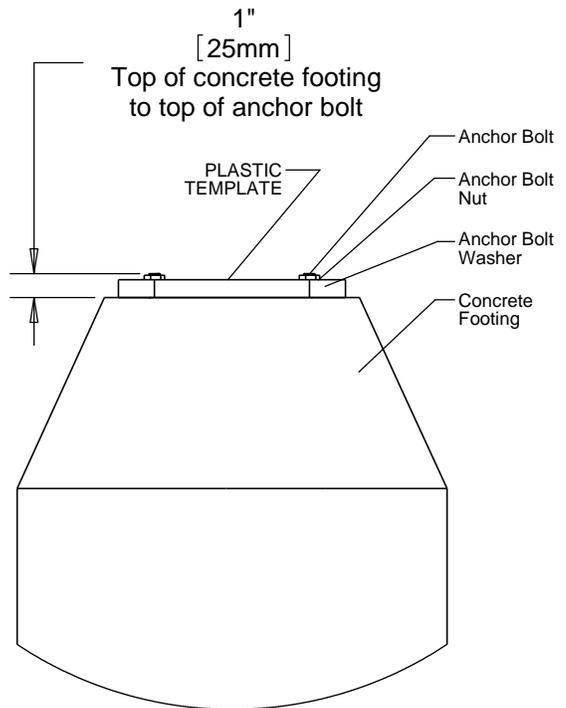


FIGURE 4

## Step 4 (Factory Assembled)

Attach body sides to core as shown in Figure 5. (See Note A)

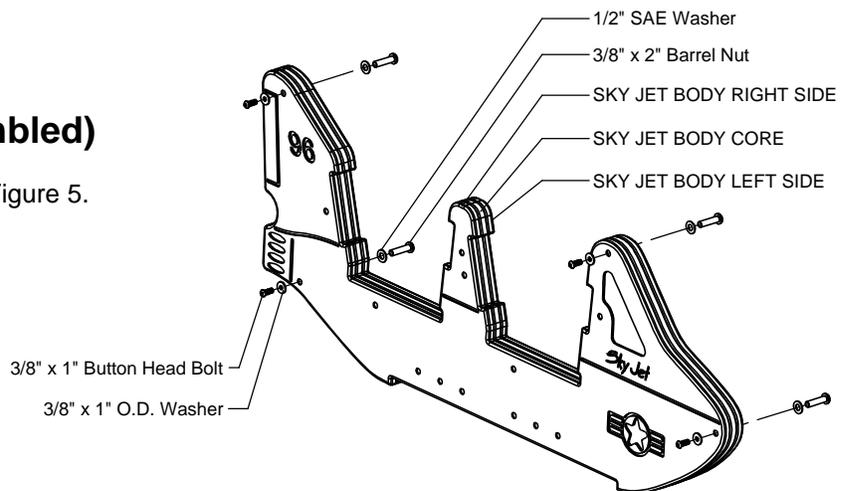


FIGURE 5

## Step 5 (Factory Assembled)

Attach Jet Seats to the jet body as shown in Figure 1.1.  
(See Note A)

## Step 6 (Factory Assembled)

Attach Jet Seat Backs and Jet Handles to the jet body as shown in Figure 6. (See Note A)

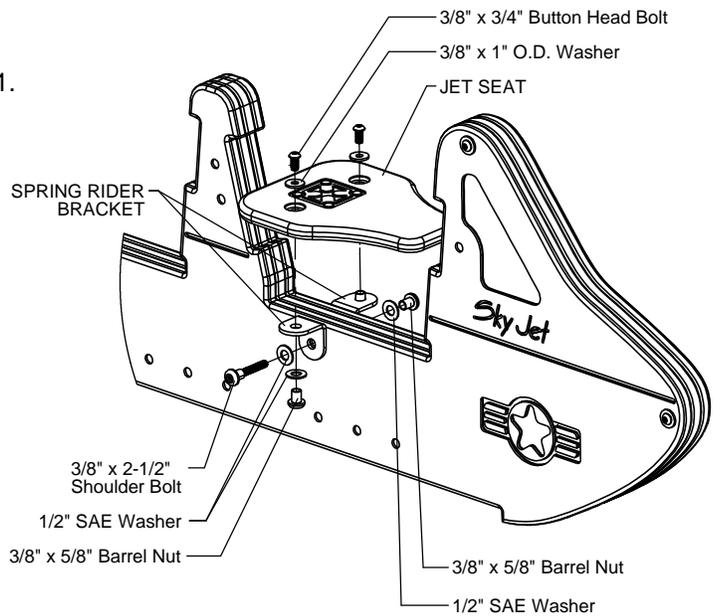


Figure 1.1

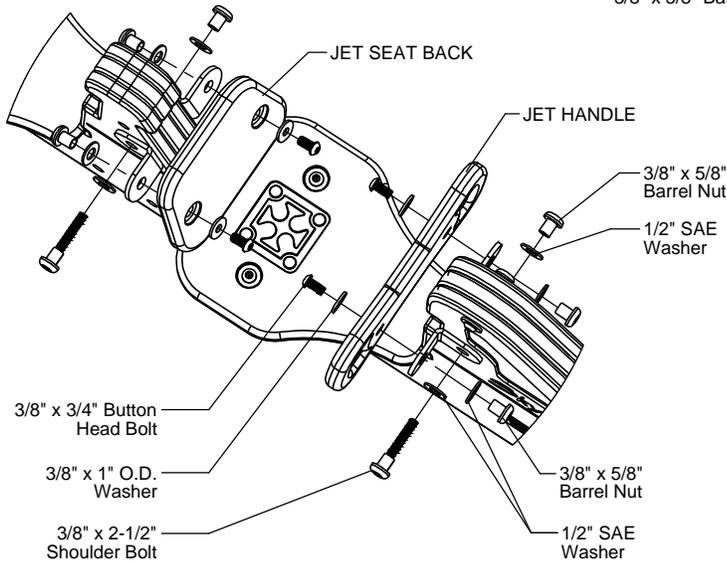


Figure 6

## Step 7 (Factory Assembled)

Attach U-Spring to Base Plate as shown in Figure 7.  
(See Note A)

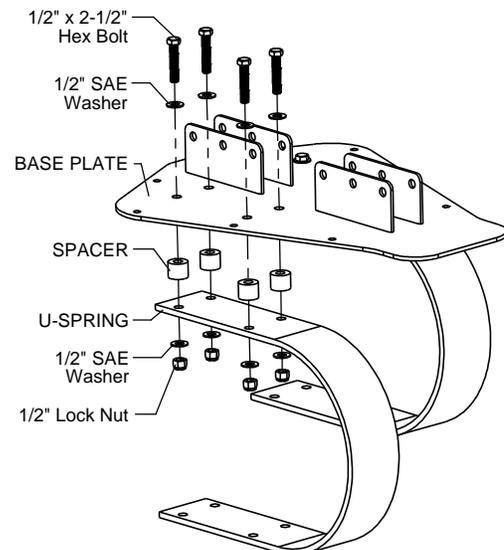


Figure 7

## Step 8 (Factory Assembled)

Attach Jet Wings to the Base Plate as shown in Figure 8.  
(See Note A)

## Step 9 (Factory Assembled)

Attach the jet body to base as shown in Figure 9.  
(See Note A)

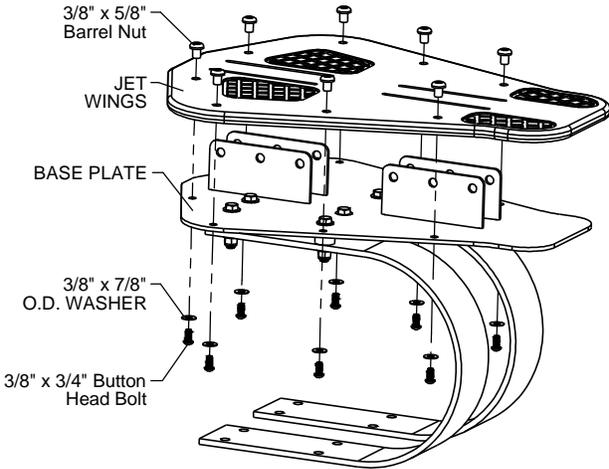


Figure 8

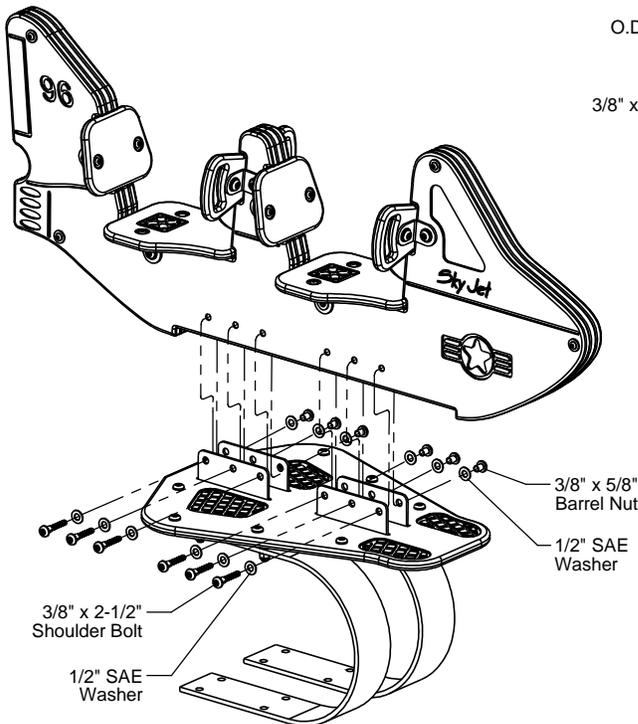


Figure 9

## Step 10

Attach jet to the concrete footing as shown in Figure 1.2. (See Note A and D)

## Step 11

Fully tighten all fasteners according to the "TIGHTENING TORQUE FOR HARDWARE" section of the Installation Manual.

## Step 12

Place appropriate compliant protective surfacing under and around jet spring rider. (See Note C)

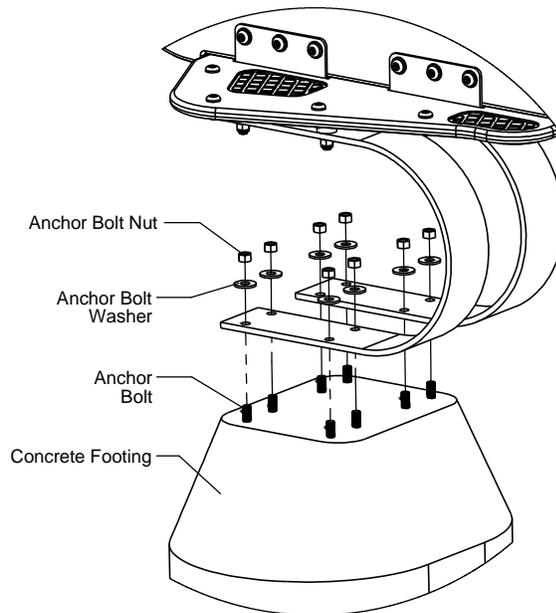


Figure 1.2

## Parts List

PC1394 - Dual Sky Jet Rider		
Part #	Description	Qty.
004889	SkyJet Plastic Template	1
9175393	Bolt Anchor 1/2" x 9-1/2" w/ Washer and Nut	8

PC1393 - Dual Bell X1 Rider		
Part #	Description	Qty.
004889	SkyJet Plastic Template	1
9175393	Bolt Anchor 1/2" x 9-1/2" w/ Washer and Nut	8

## Assembled Parts List

PC1394 - Dual Sky Jet Rider		
Part #	Description	Qty.
004199	U-Spring	2
004466	Spring Rider Bracket	12
004866	1-1/4" O.D. x 9/16" I.D. x 1" Long Spacer	8
004887-C	Sky Jet Body Core	1
004887-L	Sky Jet Body Left Side	1
004887-R	Sky Jet Body Right Side	1
004888	Jet Wings	1
004890	Jet Seat	2
004891	Jet Seat Back	2
004892	Jet Handle	2
FS-PC1393-BASE	C-Spring Rider Base	1
9103032-TR	Bolt Button Head 3/8" x 3/4"	20
9103052-TR	Bolt Button Head 3/8" x 1"	4
9125112	Bolt Hex 1/2" x 2-1/2"	8
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	12
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	16
9333042	Washer Flat 3/8" x 7/8" O.D.	8
9345002	Washer Flat SAE 1/2"	56
9415132	Nut Lock 1/2"	8
9443022-TR	Nut Barrel 3/8" x 5/8" BH	32
9443092-TR	Nut Barrel 3/8" x 2" BH	4

PC1393 - Dual Bell X1 Rider		
Part #	Description	Qty.
004199	U-Spring	2
004466	Spring Rider Bracket	12
004866	1-1/4" O.D. x 9/16" I.D. x 1" Long Spacer	8
004888	Jet Wings	1
004890	Jet Seat	2
004891	Jet Seat Back	2
004892	Jet Handle	2
004903-C	Bell X Body Core	1
004903-L	Bell X Body Left Side	1
004903-R	Bell X Body Right Side	1
FS-PC1393-BASE	C-Spring Rider Base	1
9103032-TR	Bolt Button Head 3/8" x 3/4"	20
9103052-TR	Bolt Button Head 3/8" x 1"	3
9125112	Bolt Hex 1/2" x 2-1/2"	8
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	12
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	15
9333042	Washer Flat 3/8" x 7/8" O.D.	8
9345002	Washer Flat SAE 1/2"	55
9415132	Nut Lock 1/2"	8
9443022-TR	Nut Barrel 3/8" x 5/8" BH	32
9443092-TR	Nut Barrel 3/8" x 2" BH	3

## Specifications

### Jet:

Side panels, seats, handles, core panel, wings, and template shall be made from high-density, 3/4" thick, hot extruded polyethylene sheet plastic specially formulated for optimum UV stability and color retention.

### Base Plate:

Shall be fabricated from 3/8" thick sheet steel with welded on 3/16" mounting brackets. The Base Plate has a multi-stage baked on powder coat finish.

### Spacer:

Shall be constructed from 1-1/4" diameter steel. The spacers have a multi-stage baked on powder coat finish.

### U-SPRING:

Shall be formed from 3/8" thick rolled spring steel. The U-Spring has a multi-stage baked on powder coat finish.

### HARDWARE:

Shall be stainless steel, zinc/nickel plated or galvanized as required to resist rust and corrosion.

## Maintenance

Periodically tighten all screws, bolts and nuts. A periodic inspection of all parts is necessary. If a part is broken or worn, replace immediately. For general maintenance please refer to our Playground Maintenance Manual.

