

**IMPORTANT NOTES: Read First**

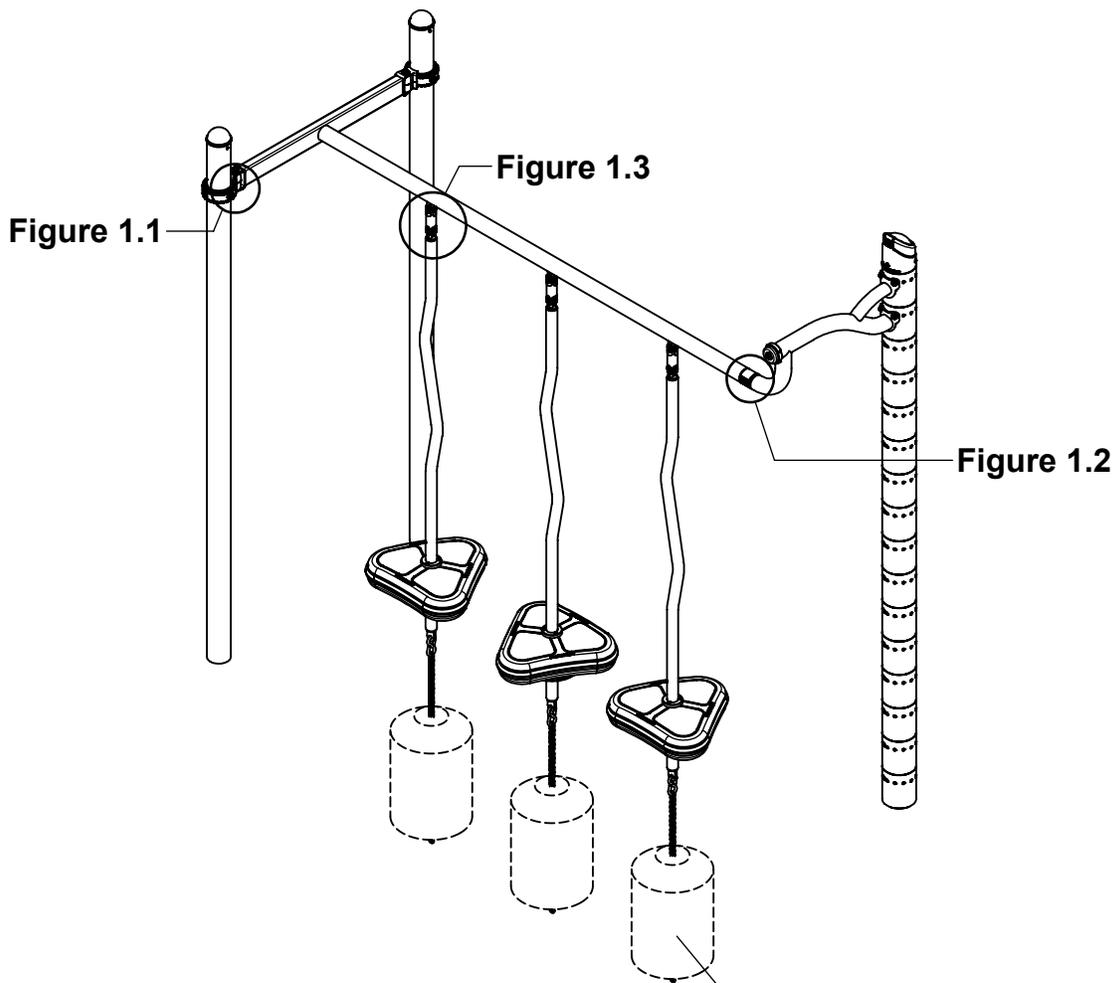
(A) Use liquid thread lock (such as Loctite®) with all threaded hardware. **Important:** Liquid thread lock (prior to curing) helps to eliminate the common problem of "thread seizure" in stainless steel hardware by serving as a lubricant during assembly.

(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) Refer to Installation Manual for 09 Collars installation instructions.

(D) An appropriate energy absorbing safety surface is required under and around all playground equipment. Loose fill protective surfacing is shown only as an example for the purpose of this assembly instruction. Other surfacing material may vary in thickness and/or compression depths. 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.

**FIGURE 1**  
Tri-Pad Traverse Hybrid



**NOTE:** R3.5 Tri-Pad Traverse 1 Mount shown. Other configurations will vary slightly, but does not affect assembly.

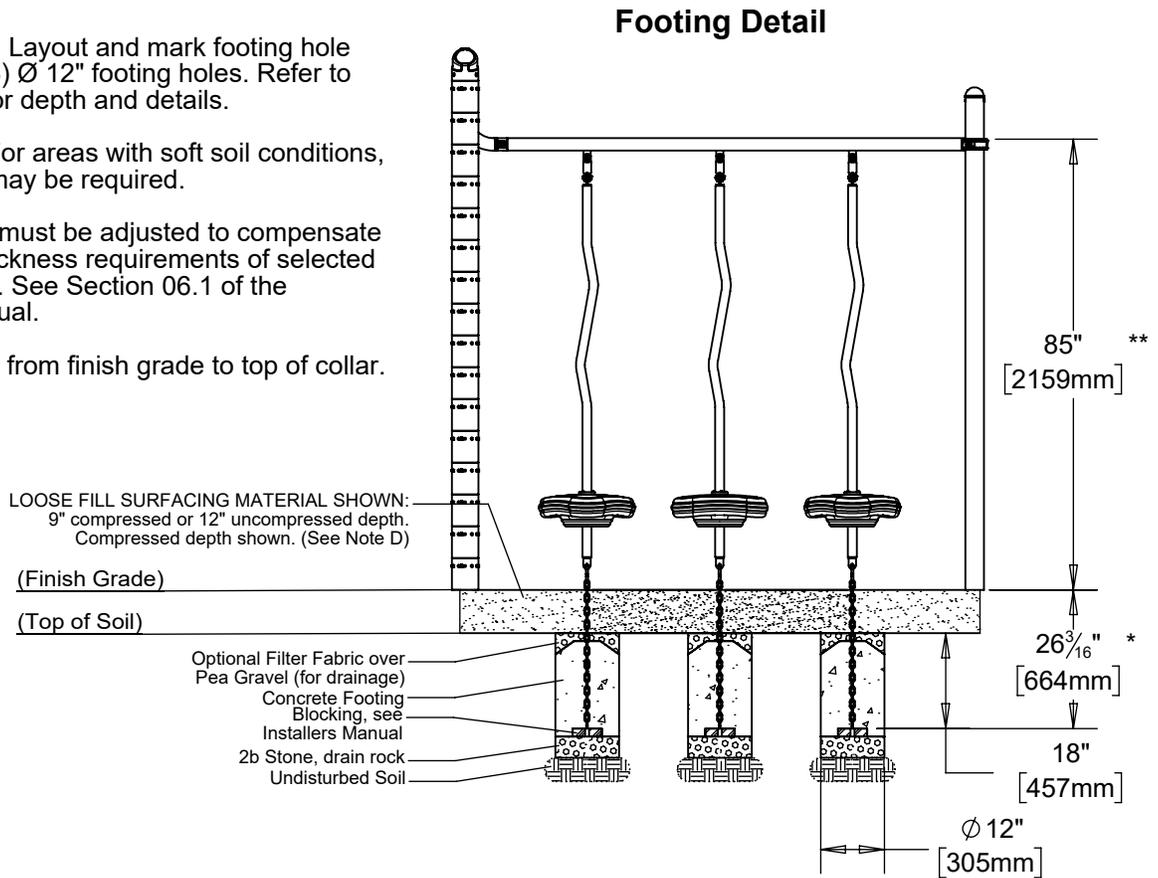
# Step 1

Refer to Footing Layout and mark footing hole locations. Dig (3)  $\varnothing$  12" footing holes. Refer to Footing Detail for depth and details.

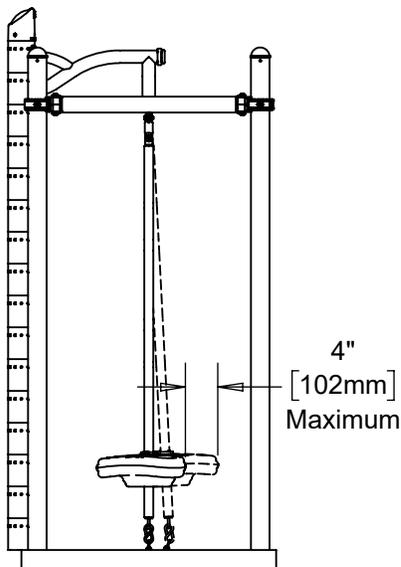
**IMPORTANT:** For areas with soft soil conditions, larger footings may be required.

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

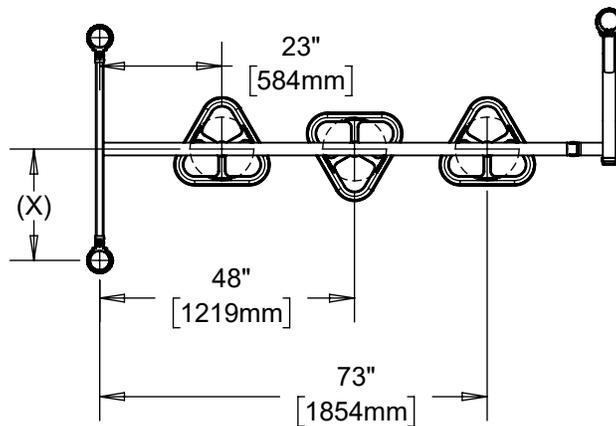
\*\* Height shown from finish grade to top of collar.



## Elevation View



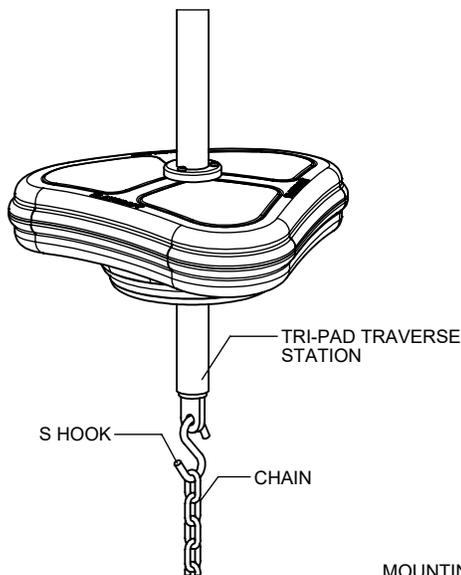
## Top View - Footing Layout



Footing Distance Table		
Center of Post to Center of Footing		
Configuration	X (in.)	X (mm)
R3.5 Hybrid	21"	533
R5 Hybrid	22 1/2"	572

## Step 2 (Factory Assembled)

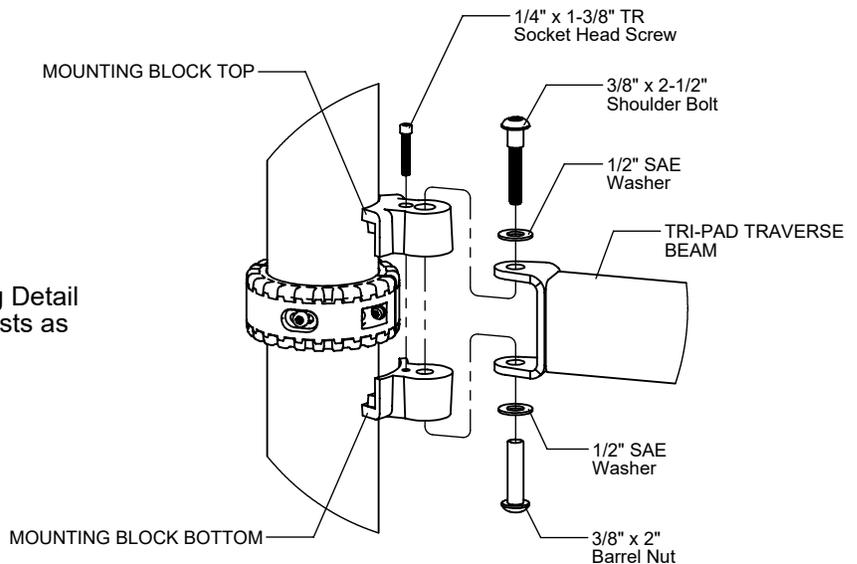
Refer to Footing Layout and Site Plan included with the Installation Guidelines for orientation and attach Tri-Pads to Tri-Pad Traverse Stations as shown in Figure 2. (See Note A)



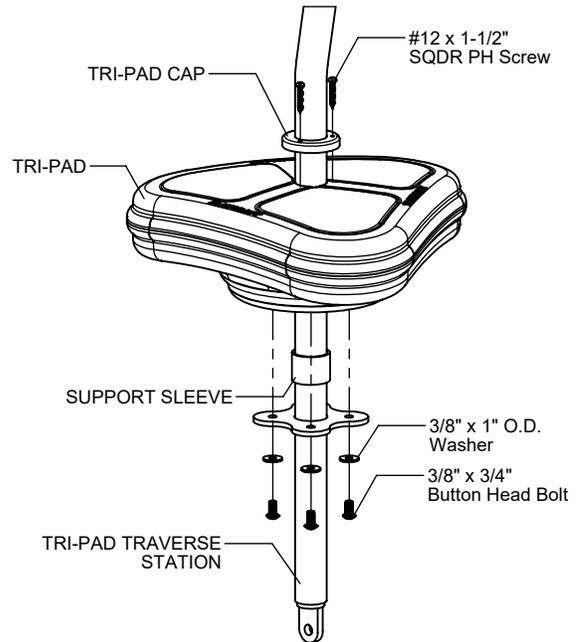
**FIGURE 3**

## Step 4

Locate collars at height shown in Footing Detail and attach Tri-Pad Traverse Beam to Posts as shown in Figure 1.1. (See Notes A & C)



**Figure 1.1**



**FIGURE 2**

## Step 3 (Factory Assembled)

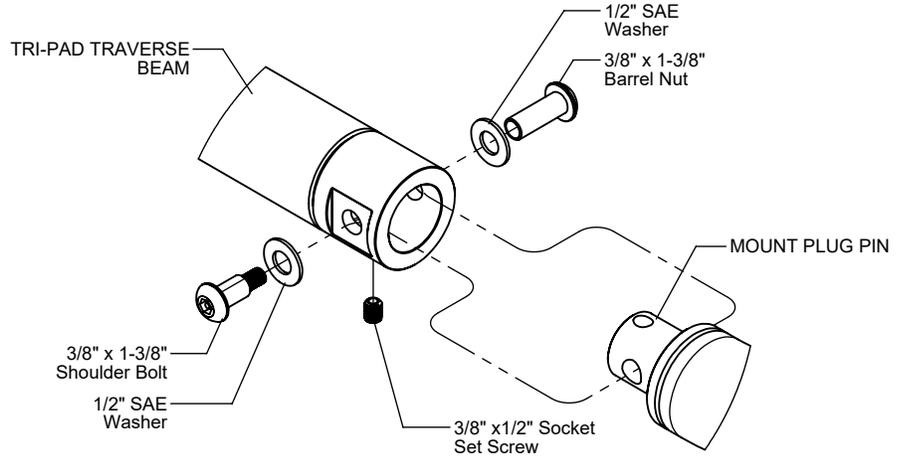
Attach Disc Traverse Chains to Tri-Pad Traverse Stations as shown in Figure 3.

**NOTE:** Crimp S-Hook so no gap is greater than 0.04" [1mm].

## Step 5

### For Beam To Pin Connection

Attach Tri-Beam Traverse Beam to Pin as shown in Figure 1.2. (See Note A)

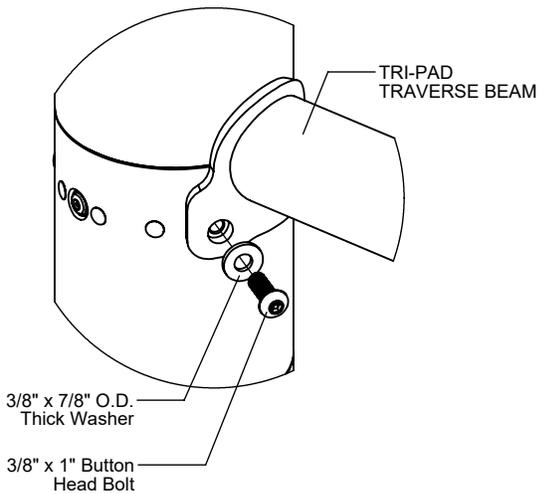


**Figure 1.2**

## Step 6

### For Beam To Post Connection

Refer to Elevation View, remove required post plugs and attach Tri-Pad Traverse as shown in Figure 4. (See Notes A & C)



**FIGURE 4**

## Step 7

Refer to Footing Layout and Site Plan included with the Installation Guidelines for orientation, place Disc Traverse Chains into footing holes and attach Tri-Pad Traverse Stations to Beam as shown in Figure 1.3. (See Notes A & B)

## Step 8

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

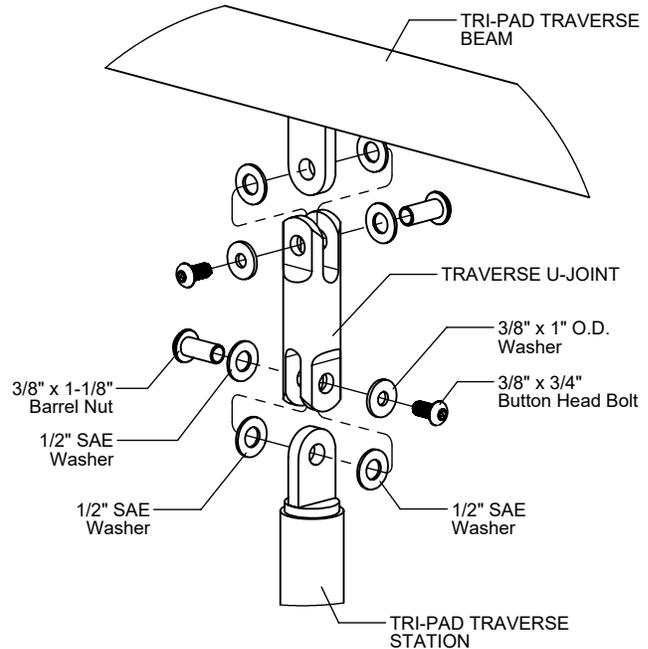
## Step 9

Plumb and level entire component. Pour concrete into footing holes. Allow at least 72 hours to cure before using this equipment. (See Note B)

**NOTE:** Adjust chain for maximum lateral movement as shown in Elevation View.

## Step 10

Place required protective surfacing under and around Tri-Pad Traverse Hybrid. (See Note D)



**Figure 1.3**

## Specifications

### DISC TRAVERSE CHAIN:

Shall be 5/0 galvanized low-carbon steel chain with silver shield finish.

### TRI-PAD TRAVERSE BEAM 1 MOUNT RH:

Shall be fabricated using 2.375" O.D. 10 gauge steel tubing with welded 1-1/2" x 3" 11 gauge Rec. T.S. support, 1/4" thick steel clevises and stainless steel housing. The Tri-Pad Traverse Beam 1 Mount RH shall have a multi-stage baked-on powder coat finish.

### TRI-PAD TRAVERSE BEAM RH:

Shall be fabricated using 2.375" O.D. 10 gauge steel tubing with welded 1-1/2" x 3" 11 gauge Rec. T.S. support, 1/4" thick steel clevises and 1/4" thick stainless steel mounting bracket. The Tri-Pad Traverse Beam RH shall have a multi-stage baked-on powder coat finish.

### TRI-PAD CAP:

Shall be made from high density 3/4" sheet plastic specially formulated for optimum UV stability and color retention.

### TRI-PAD TRAVERSE STATION:

Shall be fabricated using 1.660" O.D. 11 gauge steel tubing with welded 1/4" thick steel mounting plate and 3/8" thick steel tabs. The Tri-Pad Traverse Station shall have a multi-stage baked-on powder coat finish.

### TRI-PAD WITH HOLE:

Shall be constructed of UV-stabilized, rotationally molded, linear, low density polyethylene with an average wall thickness of .250".

### TRAVERSE U-JOINT:

Shall be stainless steel to resist rust and corrosion.

### HARDWARE:

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

**Parts List**

<b>S-1419-1RH35</b>		
<b>Part #</b>	<b>DESCRIPTION</b>	<b>QTY.</b>
FS-1419-1RH35	Tri-Pad Traverse Beam 1 Mount RH3.5	1
GG-8110	Mounting Block 4 Top R3.5	2
GG-8111	Mounting Block 4 Bottom R3.5	2
IE-0010	Traverse U-Joint	3
9103032-TR	Bolt Button Head 3/8" x 3/4"	6
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	1
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	2
9263012-TR	3/8" x1/2" Socket Set Screw	1
9281062-5-TR	Screw Soc HD CS 1/4" x 1-3/8" TR	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	6
9345002	Washer Flat SAE 1/2"	24
9443052-TR	Nut Barrel 3/8" x1-1/8" BH	6
9443062-TR	Nut Barrel 3/8" x 1-3/8"	1
9443092-TR	Nut Barrel 3/8" x 2" BH	2

<b>S-1419-1RH5</b>		
<b>Part #</b>	<b>DESCRIPTION</b>	<b>QTY.</b>
FS-1419-1RH5	Tri-Pad Traverse Beam 1 Mount RH5	1
GF-7006-B	Mounting Block R5 Bottom	2
GF-7006-T	Mounting Block R5 Top	2
IE-0010	Traverse U-Joint	3
9103032-TR	Bolt Button Head 3/8" x 3/4"	6
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	1
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	2
9263012-TR	3/8" x1/2" Socket Set Screw	1
9281062-5-TR	Screw Soc HD CS 1/4" x 1-3/8" TR	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	6
9345002	Washer Flat SAE 1/2"	24
9443052-TR	Nut Barrel 3/8" x1-1/8" BH	6
9443062-TR	Nut Barrel 3/8" x 1-3/8"	1
9443092-TR	Nut Barrel 3/8" x 2" BH	2

<b>S-1419-RH5</b>		
<b>Part #</b>	<b>DESCRIPTION</b>	<b>QTY.</b>
FS-1419-RH5	Tri-Pad Traverse Beam RH5	1
GF-7006-B	Mounting Block R5 Bottom	2
GF-7006-T	Mounting Block R5 Top	2
IE-0010	Traverse U-Joint	3
9339042	Washer Flat 3/8" x 7/8" O.D. x .100" Thick	2
9103032-TR	Bolt Button Head 3/8" x 3/4"	6
9103052-TR	Bolt Button Head 3/8" x 1"	2
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	2
9281062-5-TR	Screw Soc HD CS 1/4" x 1-3/8" TR	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	6
9345002	Washer Flat SAE 1/2"	22
9443052-TR	Nut Barrel 3/8" x1-1/8" BH	6
9443092-TR	Nut Barrel 3/8" x 2" BH	2

<b>S-1419-RH5I</b>		
<b>Part #</b>	<b>DESCRIPTION</b>	<b>QTY.</b>
FS-1419-RH5	Tri-Pad Traverse Beam RH5	1
GF-7006-B	Mounting Block R5 Bottom	2
GF-7006-T	Mounting Block R5 Top	2
IE-0010	Traverse U-Joint	3
9339042	Washer Flat 3/8" x 7/8" O.D. x .100" Thick	2
9103032-TR	Bolt Button Head 3/8" x 3/4"	6
9103052-TR	Bolt Button Head 3/8" x 1"	2
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	2
9281062-5-TR	Screw Soc HD CS 1/4" x 1-3/8" TR	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	6
9345002	Washer Flat SAE 1/2"	22
9443052-TR	Nut Barrel 3/8" x1-1/8" BH	6
9443092-TR	Nut Barrel 3/8" x 2" BH	2

**Assembled Parts List**

<b>Part #</b>	<b>DESCRIPTION</b>	<b>QTY.</b>
DE-0024-H	Tri-Pad with Hole	3
EE-0142	Tri-Pad Cap	3
Varies	Tri-Pad Traverse Station	3
HE-0001	Disc Traverse Chain	3
LE-0011	Tri-Pad Support Sleeve	3
450383	S Hook	3
9103032-TR	Bolt Button Head 3/8" x 3/4"	12
9221272	Screw #12 x 1-1/2" SQDR PH	9
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	12

**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.

