



## Step 1

Locate and attach collars at desired heights.  
(See Notes B & C)

## Step 2

Attach Tri-Ring to Swivel as shown in Figure 2.  
(See Note A)

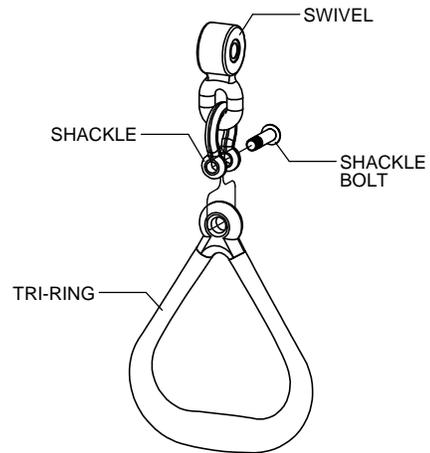


FIGURE 2

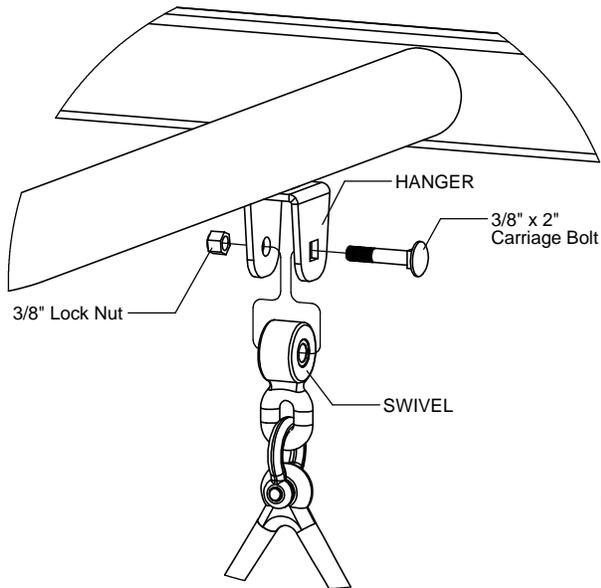


Figure 1.1

## Step 3

Attach Swivel to Hanger as shown in Figure 1.1.  
(See Note A)

## Step 4

Attach Traverse Beam to collars as shown in Figure 1.2. (See Note A)

## Step 5

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

## Step 6

Place appropriate compliant protective surfacing under and around 90° Ring Traverse.  
(See Note D)

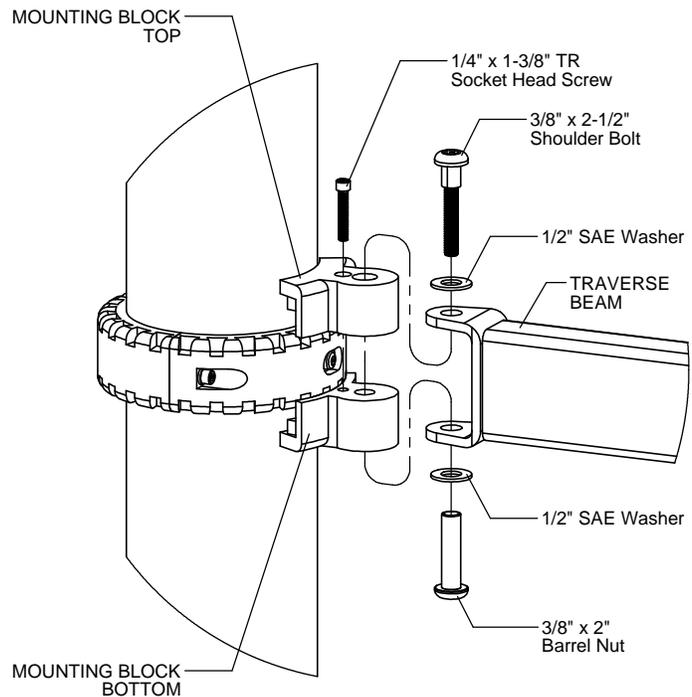


Figure 1.2

## Parts List

R3.5 ASSEMBLY		
Part #	DESCRIPTION	QTY
FS-1409-R3590	Ring Traverse 90°R35	1
GG-8125	Mounting Block 6 Top R3.5	4
GG-8127	Mounting Block 6 Bottom R3.5	4
411000	Tri-Ring	6
451161-SS	Swing Shackle - Stainless Steel	6
471002	Swing Hanger w/ Nut & Bolt	6
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	4
9281062-5-TR	Screw Soc HD CS 1/4" x 1-3/8" TR	4
9345002	Washer Flat SAE 1/2"	8
9443092-TR	Nut Barrel 3/8" x 2" BH	4

R5 ASSEMBLY		
Part #	DESCRIPTION	QTY
FS-1409-R590	Ring Traverse 90°R5	1
GF-7006-B	Mounting Block R5 Bottom	4
GF-7006-T	Mounting Block R5 Top	4
411000	Tri-Ring	6
451161-SS	Swing Shackle - Stainless Steel	6
471002	Swing Hanger w/ Nut & Bolt	6
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	4
9281062-5-TR	Screw Soc HD CS 1/4" x 1-3/8" TR	4
9345002	Washer Flat SAE 1/2"	8
9443092-TR	Nut Barrel 3/8" x 2" BH	4

## Specifications

### 90 ° RING TRAVERSE:

Shall be fabricated using 2.375" O.D. 10 gauge steel tubing welded between 1-1/2" x 3" 11 gauge steel supports with 1/4" thick steel clevises. The 90° Ring Traverse shall have a multi-stage baked-on powder coat finish.

### MOUNTING BLOCKS:

Shall be two-part and precision die-cast from a high strength aluminum alloy. The Mounting Blocks shall have 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.

