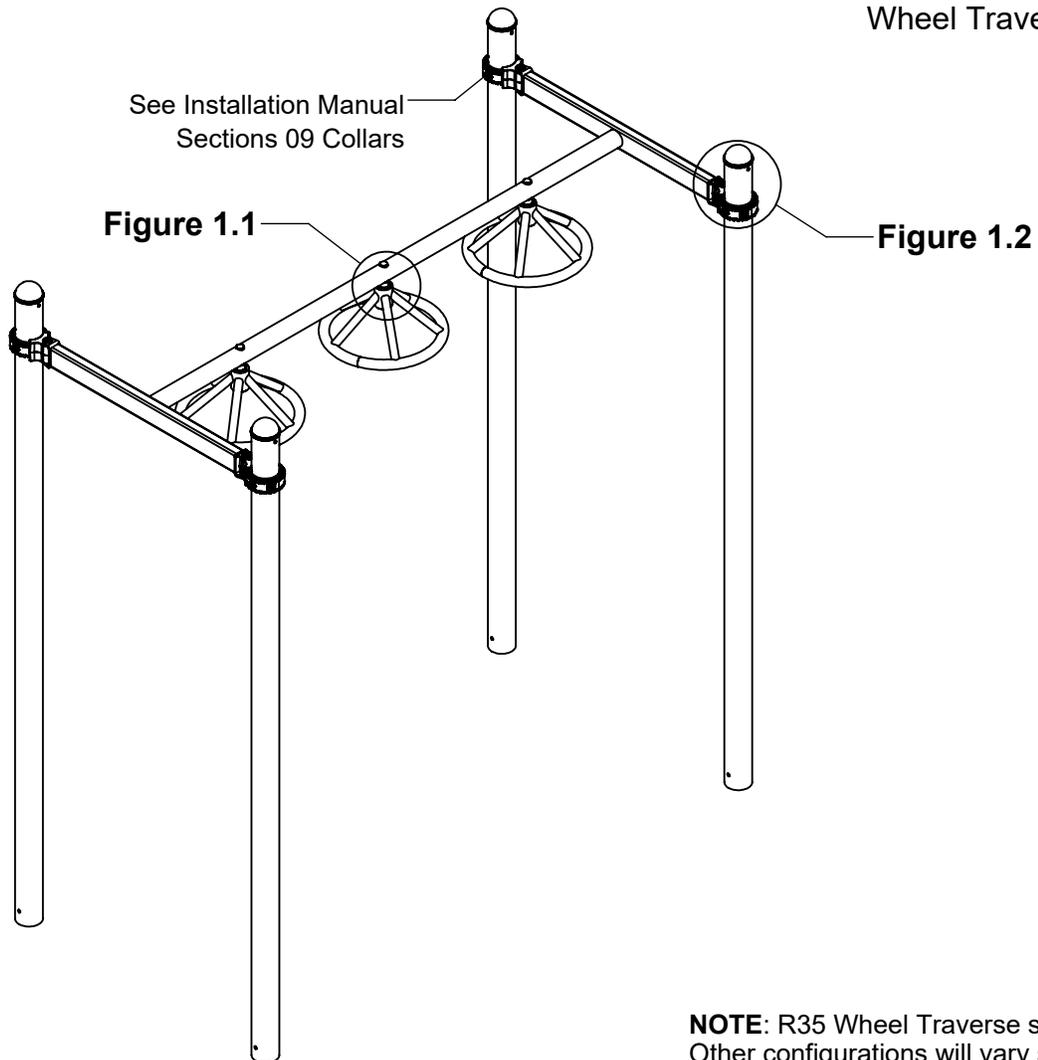


**IMPORTANT NOTES: Read First**

- (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) Refer to Installation Manual 09 Collar assembly instructions.
- (C) The maximum height of the Handle (at grasping point) from the top of the ground cover varies by age group: Ages 2-5: 60" [1524 mm] above ground cover. Ages 5-12: 84" [2130 mm] above ground cover.
- (D) **Important:** On overhead event's for R35 components, use Mounting Block 6 only.
- (E) 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  
Wheel Traverse**

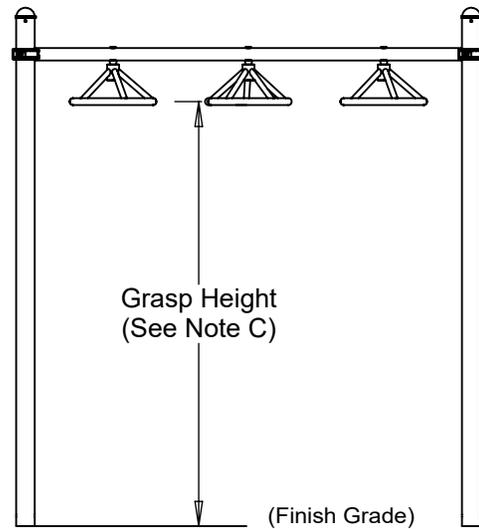


**NOTE:** R35 Wheel Traverse shown. Other configurations will vary slightly, but does not affect assembly.

# Step 1

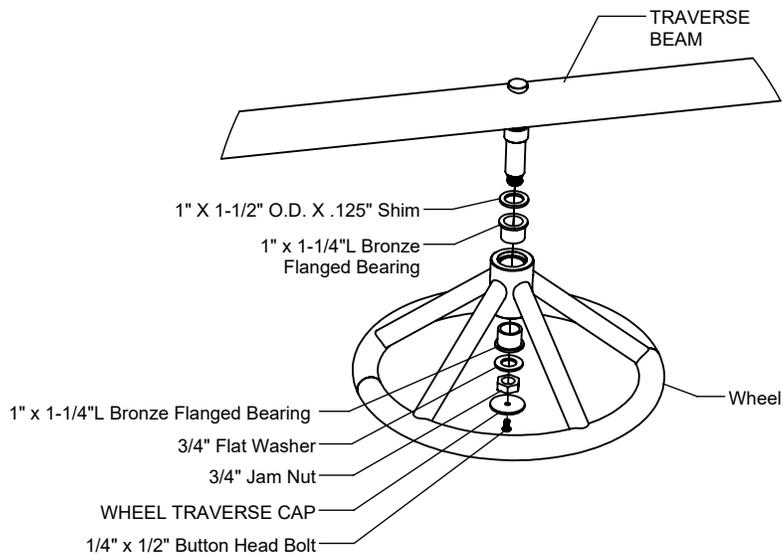
Locate and attach collars to posts.  
(See Note B & C)

**Elevation View**



# Step 2 (Factory Assembled)

Assemble Traverse Wheel as shown in Figure 1.1.  
(See Note A)



**Figure 1.1**

## Step 3

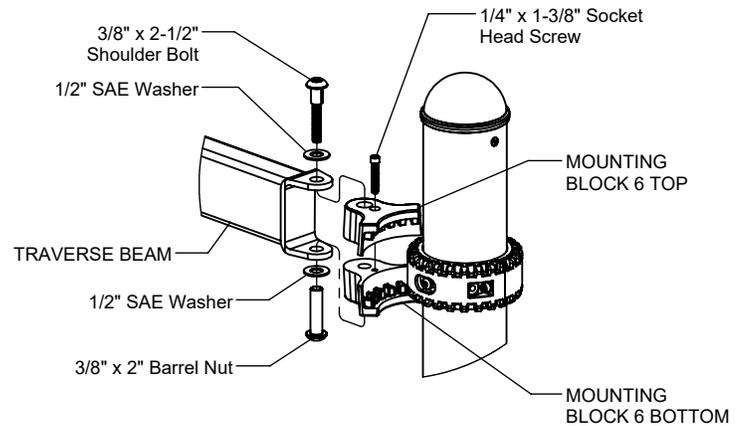
Attach Traverse Beam to posts as shown in Figure 1.2 (See Note A, B & D).

## Step 4

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

## Step 5

Place required protective surfacing under and around Wheel Traverse. (See Note E)



**Figure 1.2**

### Assembled Parts List

<b>S-1421-R35</b>		
<b>Part #</b>	<b>DESCRIPTION</b>	<b>QTY.</b>
AE-4248	Wheel Traverse Cap	3
FS-1421-R35	Traverse Wheel Beam R35	1
FS-1421-WR35	Traverse Wheel	3
480314	Shim 1" X 1-1/2" O.D. X .125" Thick	3
561000	Bronze Flanged Bearing 1" x 1-1/4"L	6
9101012-TR	Bolt Button Head 1/4" x 1/2"	3
9338002	Washer Flat 3/4"	3
9428001	Nut Jam Thin 3/4" Zinc	3

<b>S-1421-R5</b>		
<b>Part #</b>	<b>DESCRIPTION</b>	<b>QTY.</b>
AE-4248	Wheel Traverse Cap	3
FS-1421-A	Traverse Wheel	3
FS-1421-R	Traverse Wheel Beam R5	1
480314	Shim 1" X 1-1/2" O.D. X .125" Thick	3
561000	Bronze Flanged Bearing 1" x 1-1/4"L	6
9101012-TR	Bolt Button Head 1/4" x 1/2"	3
9338002	Washer Flat 3/4"	3
9428001	Nut Jam Thin 3/4" Zinc	3

<b>S-1421-R5120</b>		
<b>Part #</b>	<b>DESCRIPTION</b>	<b>QTY.</b>
AE-4248	Wheel Traverse Cap	3
FS-1421-A	Traverse Wheel	3
FS-1421-R120	Wheel Traverse Beam 120" R5	1
480314	Shim 1" X 1-1/2" O.D. X .125" Thick	3
561000	Bronze Flanged Bearing 1" x 1-1/4"L	6
9101012-TR	Bolt Button Head 1/4" x 1/2"	3
9338002	Washer Flat 3/4"	3
9428001	Nut Jam Thin 3/4" Zinc	3

### Specifications

**WHEEL TRAVERSE:**

Wheel Traverse shall be fabricated from 2.375" OD, 10 gauge steel tubing welded between 1½"x 3", 10 gauge rectangular steel tubing and will 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 and will 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.

### Parts List

<b>S-1421-R35</b>		
<b>Part #</b>	<b>DESCRIPTION</b>	<b>QTY.</b>
GG-8125	Mounting Block 6 Top R3.5	4
GG-8127	Mounting Block 6 Bottom R3.5	4
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	4
9281062-5-TR	Screw Soc HD 1/4" x 1-3/8"	4
9345002	Washer Flat SAE 1/2"	8
9443092-TR	Nut Barrel 3/8" x 2" BH	4

<b>S-1421-R5</b>		
<b>Part #</b>	<b>DESCRIPTION</b>	<b>QTY.</b>
GF-7006-B	Mounting Block R5 Bottom	4
GF-7006-T	Mounting Block R5 Top	4
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	4
9281062-5-TR	Screw Soc HD 1/4" x 1-3/8"	4
9345002	Washer Flat SAE 1/2"	8
9443092-TR	Nut Barrel 3/8" x 2" BH	4

<b>S-1421-R5120</b>		
<b>Part #</b>	<b>DESCRIPTION</b>	<b>QTY.</b>
GF-7006-B	Mounting Block R5 Bottom	4
GF-7006-T	Mounting Block R5 Top	4
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	4
9281062-5-TR	Screw Soc HD 1/4" x 1-3/8"	4
9345002	Washer Flat SAE 1/2"	8
9443092-TR	Nut Barrel 3/8" x 2" BH	4

### 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.

