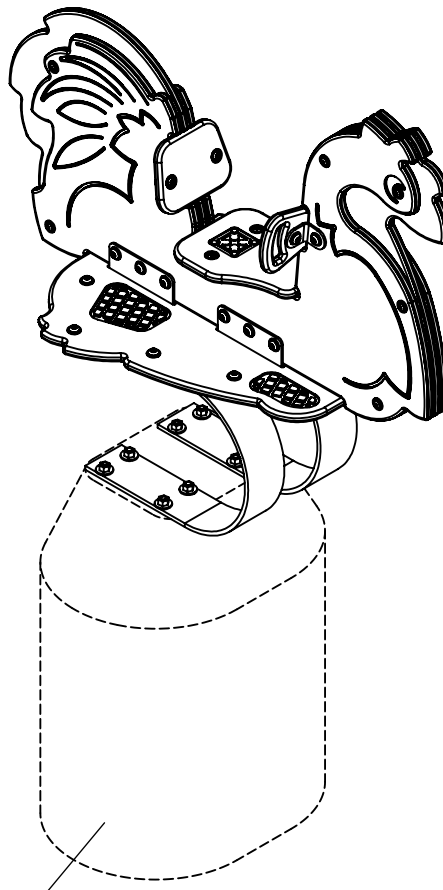


## **IMPORTANT NOTES: Read First**

- (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) All bolt threads protruding beyond the nut must be cut and de-burred until the 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.
- (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**  
Chicken Spring Rider



See Footing Detail

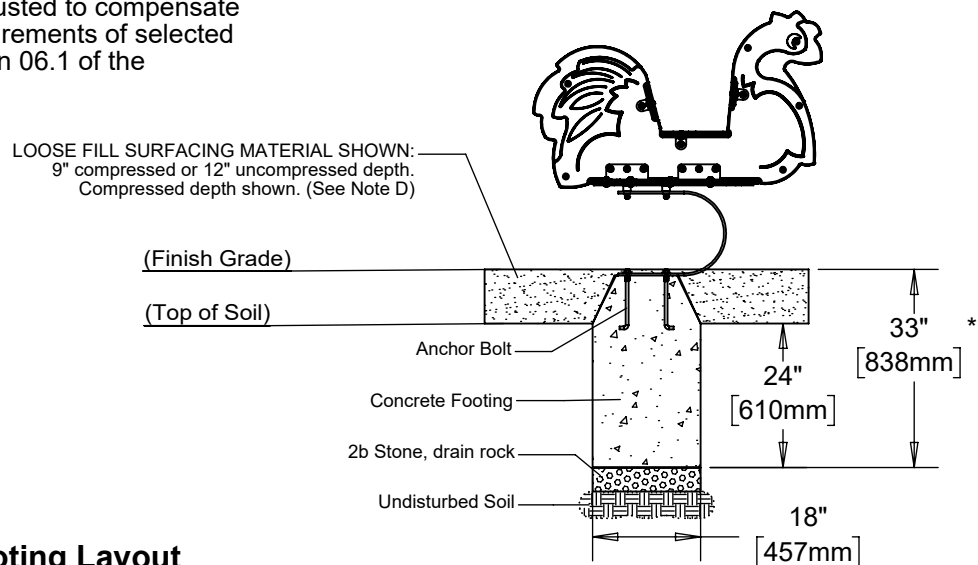
## Step 1

Dig a 18" x 28-1/2" x 24" deep oval footing hole.  
Refer to Footing Detail for depth and details.

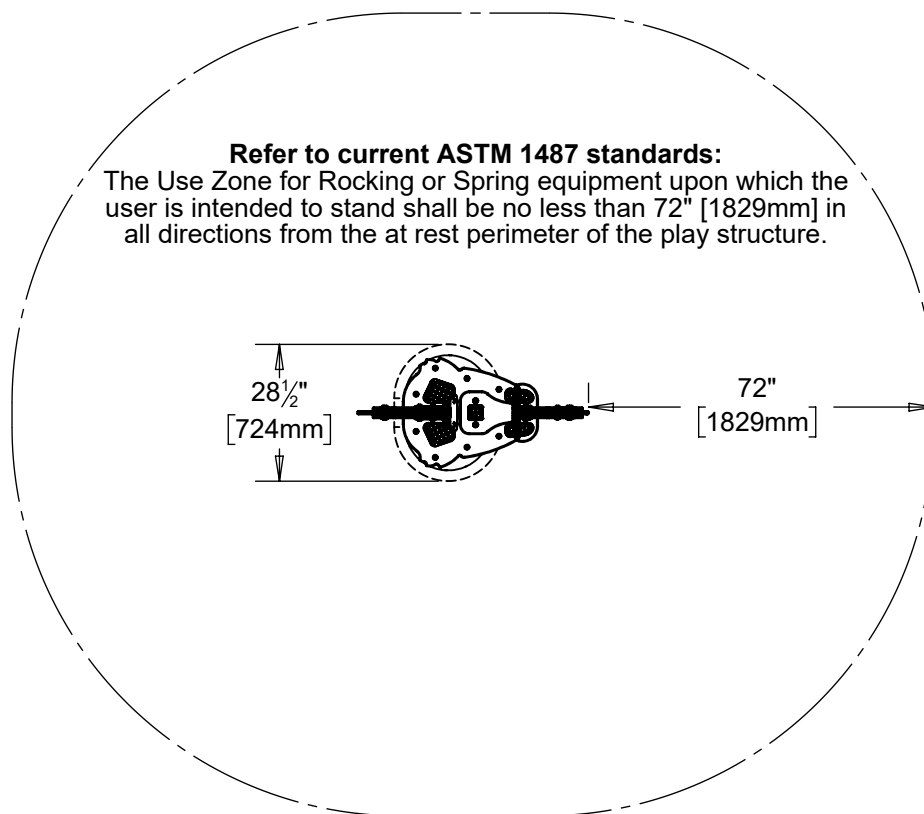
**IMPORTANT:** For areas with soft soil conditions,  
larger footings may be required.

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

**Footing Detail**

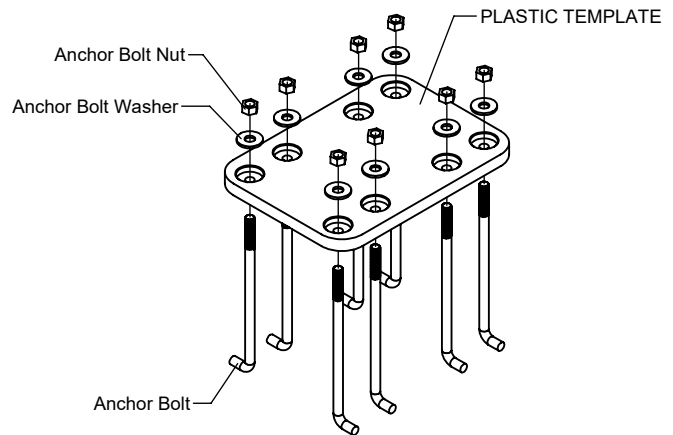


**Top View - Footing Layout**  
**72" [1829mm] Use Zone Recommended**

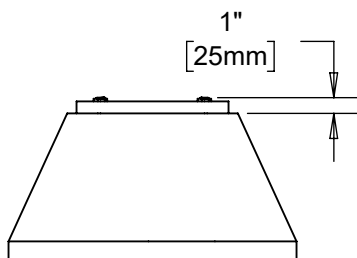


## Step 2

Attach Anchor Bolts to Plastic Template as shown in Figure 2.



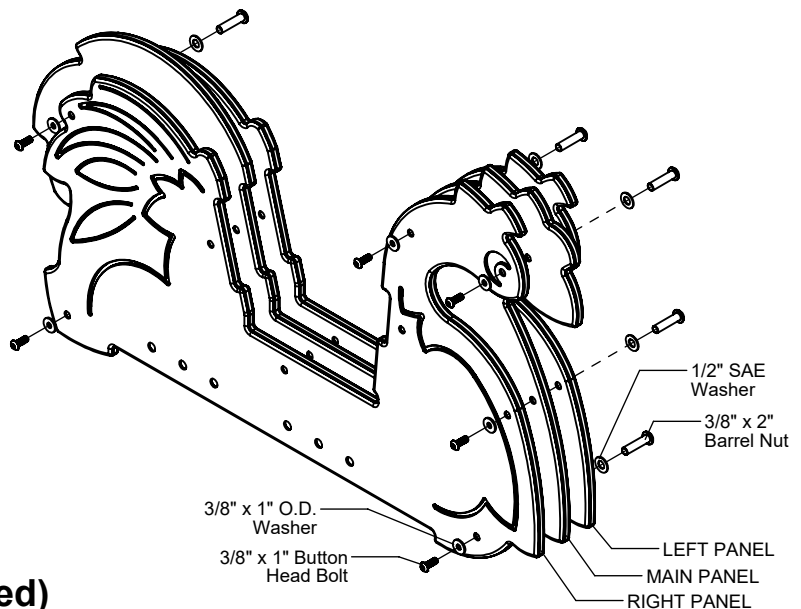
**FIGURE 2**



**FIGURE 3**

## Step 3

Pour concrete footing and level template on surface. Orient and set anchor bolts in concrete as shown in footing detail. Allow approximately 1" [25mm] of thread to protrude from the concrete as shown in Figure 3. Allow 72 hours to cure before proceeding to next step. (See Note B)



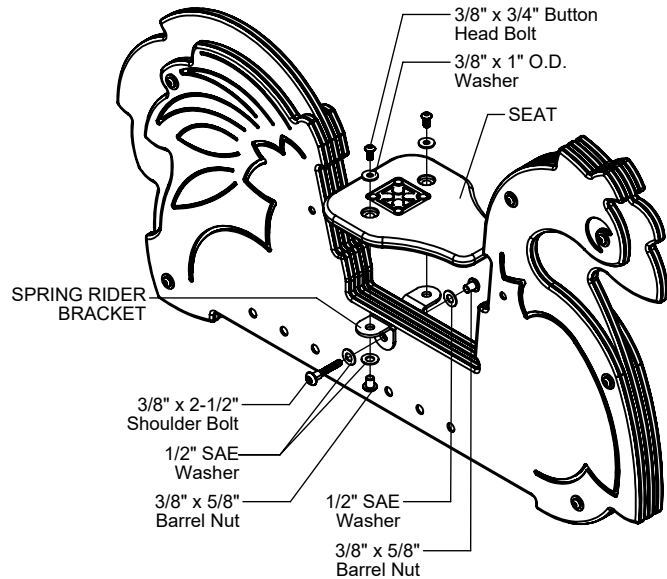
**FIGURE 4**

## Step 4 (Factory Assembled)

Attach Left and Right Panel to Main Panel as shown in Figure 4. (See Note A)

## Step 5 (Factory Assembled)

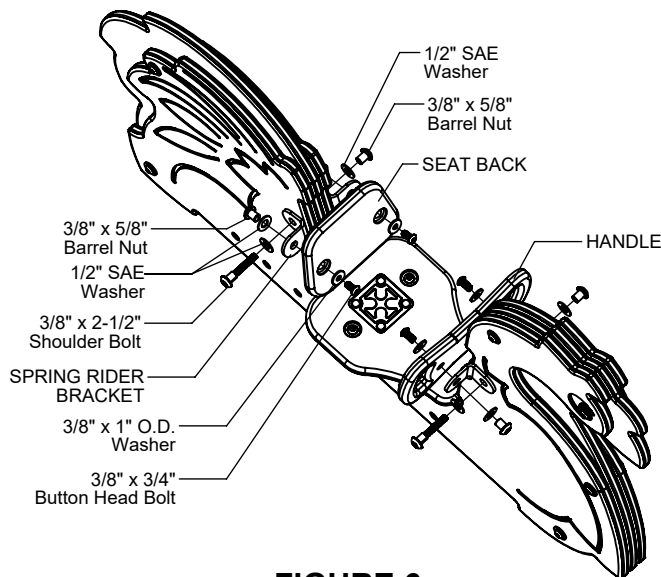
Attach Seat to Main Panel as shown in Figure 5.  
(See Note A)



**FIGURE 5**

## Step 6 (Factory Assembled)

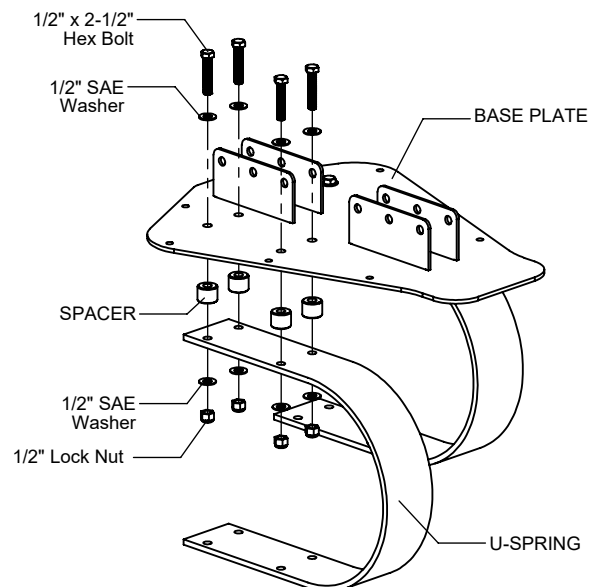
Attach Seat Back and Handle to Main Panel as shown in Figure 6. (See Note A)



**FIGURE 6**

## Step 7 (Factory Assembled)

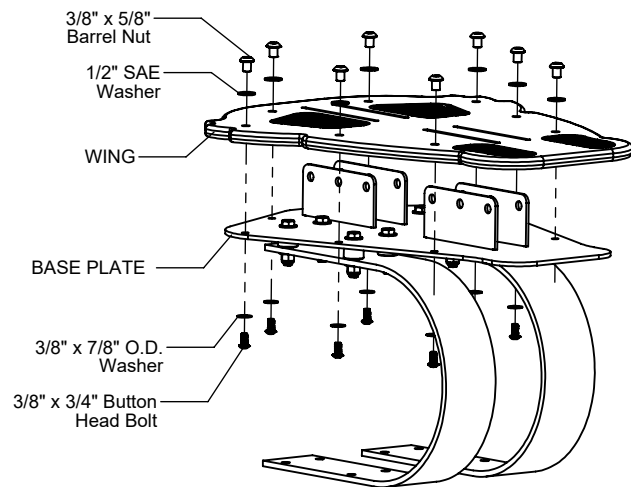
Attach U-Springs to Base Plate as shown in Figure 7.  
(See Note A)



**FIGURE 7**

## Step 8 (Factory Assembled)

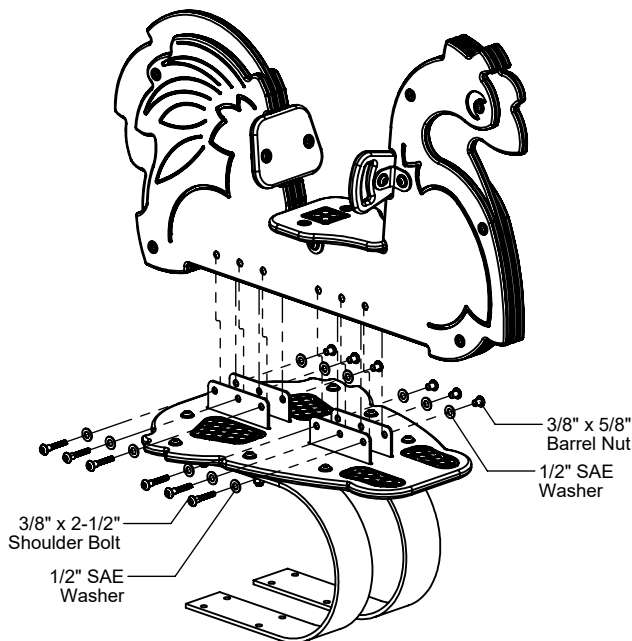
Attach Wing to Base Plate as shown in Figure 8.  
(See Note A)



**FIGURE 8**

## Step 9 (Factory Assembled)

Attach Main Panel to Base Plate as shown  
in Figure 9. (See Note A)



**FIGURE 9**

## Step 10

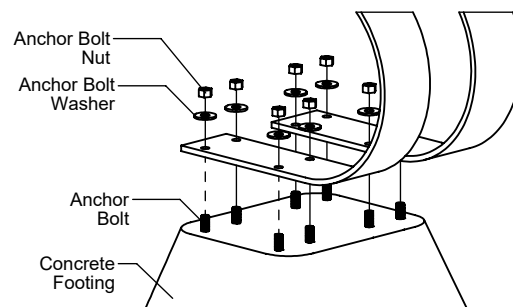
Attach U-Springs to Anchor Bolts as shown  
in Figure 10. (See Notes A & C)

## Step 11

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

## Step 12

Place required protective surfacing under and  
around Chicken Spring Rider. (See Note D)



**FIGURE 10**

# CHICKEN SPRING RIDER INSTALLATION INSTRUCTIONS

**PC-1388**  
Page 6 of 6

## Parts List

Part #	DESCRIPTION	QTY.
EE-4889	Plastic Template	1
9175393	Bolt Anchor 1/2" x 9-1/2" w/ Washer and Nut	8

## Assembled Parts List

Part #	DESCRIPTION	QTY.
BE-4466	Spring Rider Bracket	6
EE-0261	Chicken Spring Rider Panel - Main	1
EE-0261-L	Chicken Spring Rider Panel - Left	1
EE-0261-R	Chicken Spring Rider Panel - Right	1
EE-0261-W	Chicken Spring Rider Panel - Wing	1
EE-4890	Seat	1
EE-4891	Seat Back	1
EE-4892	Handle	1
FS-PC1393-BASE	C-Spring Rider Base	1
HE-4199	U-Spring	2
IE-4866	Spacer	8
9103032-TR	Bolt Button Head 3/8" x 3/4"	14
9103052-TR	Bolt Button Head 3/8" x 1"	6
9125112	Bolt Hex 1/2" x 2-1/2"	8
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	9
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	12
9333042	Washer Flat 3/8" x 7/8" O.D.	8
9345002	Washer Flat SAE 1/2"	54
9415132	Nut Lock 1/2"	8
9443022-TR	Nut Barrel 3/8" x 5/8" BH	23
9443092-TR	Nut Barrel 3/8" x 2" BH	6

## Specifications

### CHICKEN SPRING RIDER PANEL SET:

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

### C-SPRING RIDER BASE:

Shall be fabricated using 3/8" thick sheet steel with welded 3/16" thick mounting brackets. The C-Spring Rider Base shall have a multi-stage baked-on powder coat finish.

### U-SPRING:

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

### SPACER:

Shall be constructed from 1-1/4" diameter steel. The spacers 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.



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