

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) **Important:** Prior to pouring concrete, verify that the Gyro-Pod spinner spins freely.

(D) Minimum distance from Gyro-Pod Cage to structure shall be no less than 72" [1829mm].

(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 for the surfacing appropriate for the fall height of the equipment or consult your surfacing supply representative.

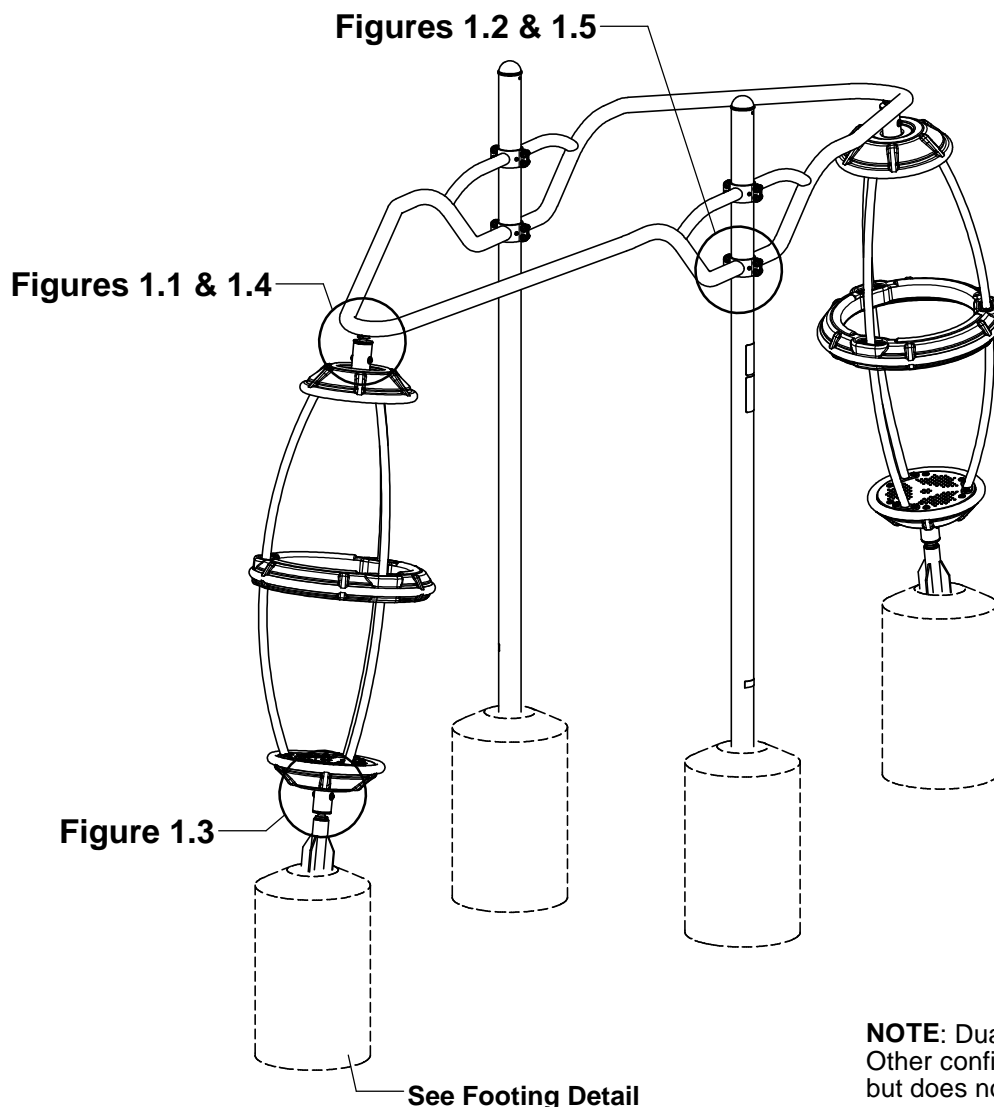


FIGURE 1
Gyro-Pod Spinner

NOTE: Dual Gyro-Pod Spinner shown. Other configurations will vary slightly, but does not affect assembly.

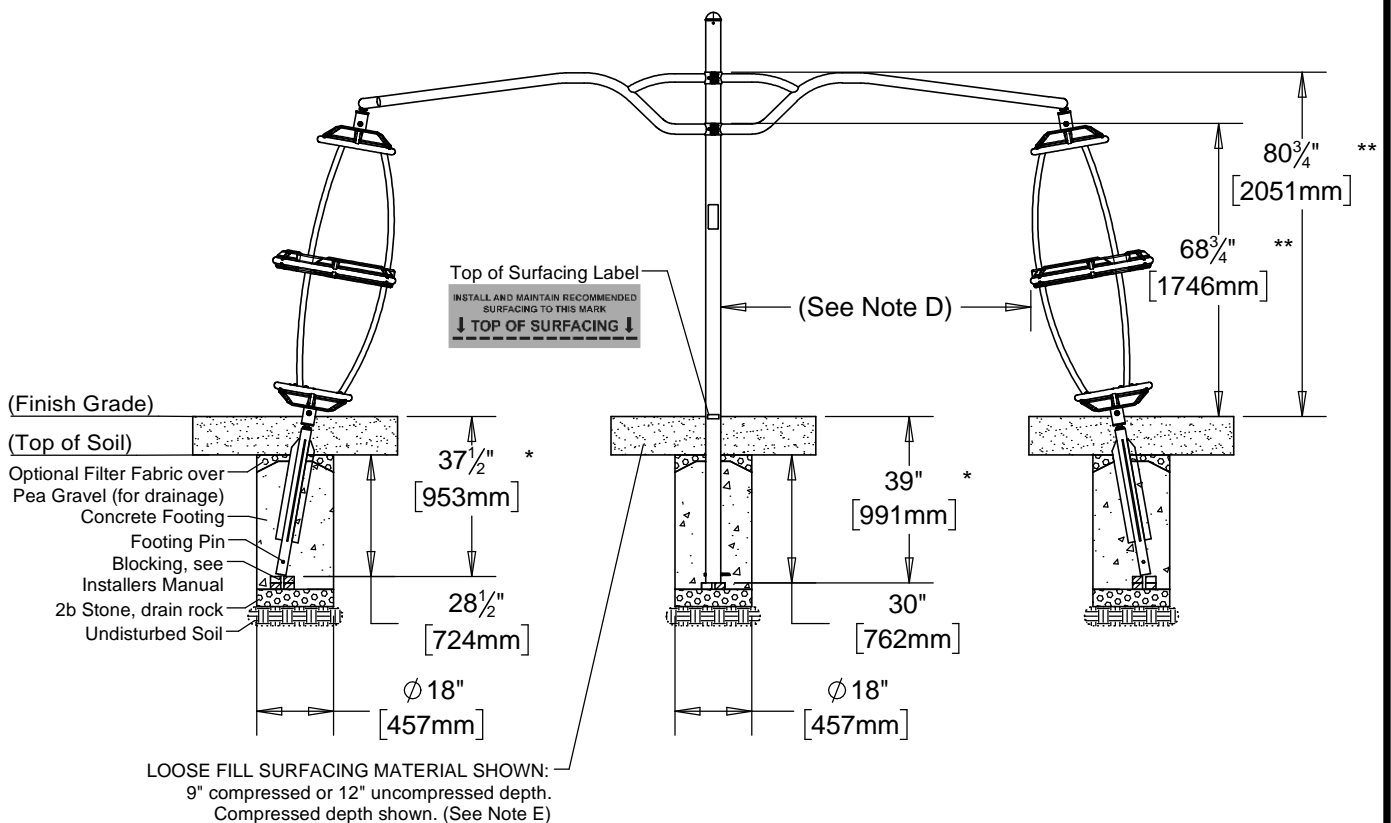
Step 1

Refer to Footing Layout and mark footing hole location.
Dig (4) Ø 18" footing hole. Refer to Footing Detail for depth and details.

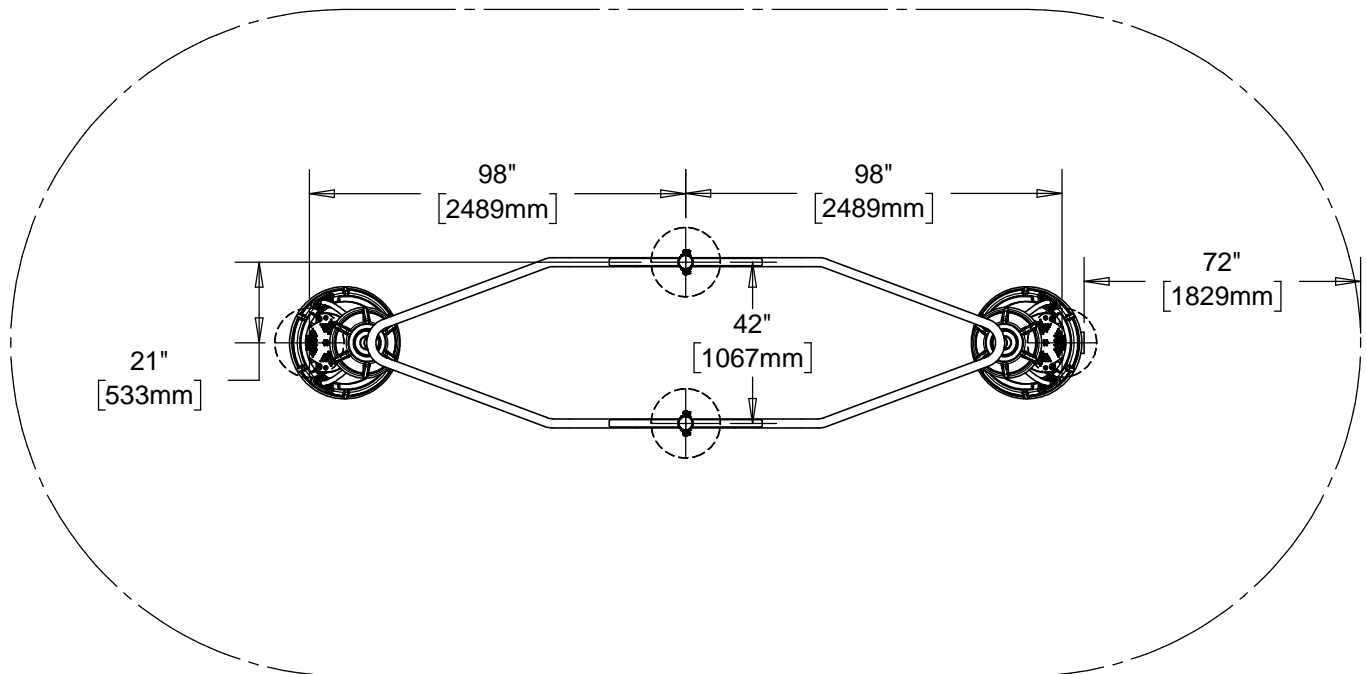
* Footing depth must be adjusted to compensate for the depth/thickness requirements of selected safety surfacing. See Section 06.1 of the Installation Manual.

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

Footing Detail

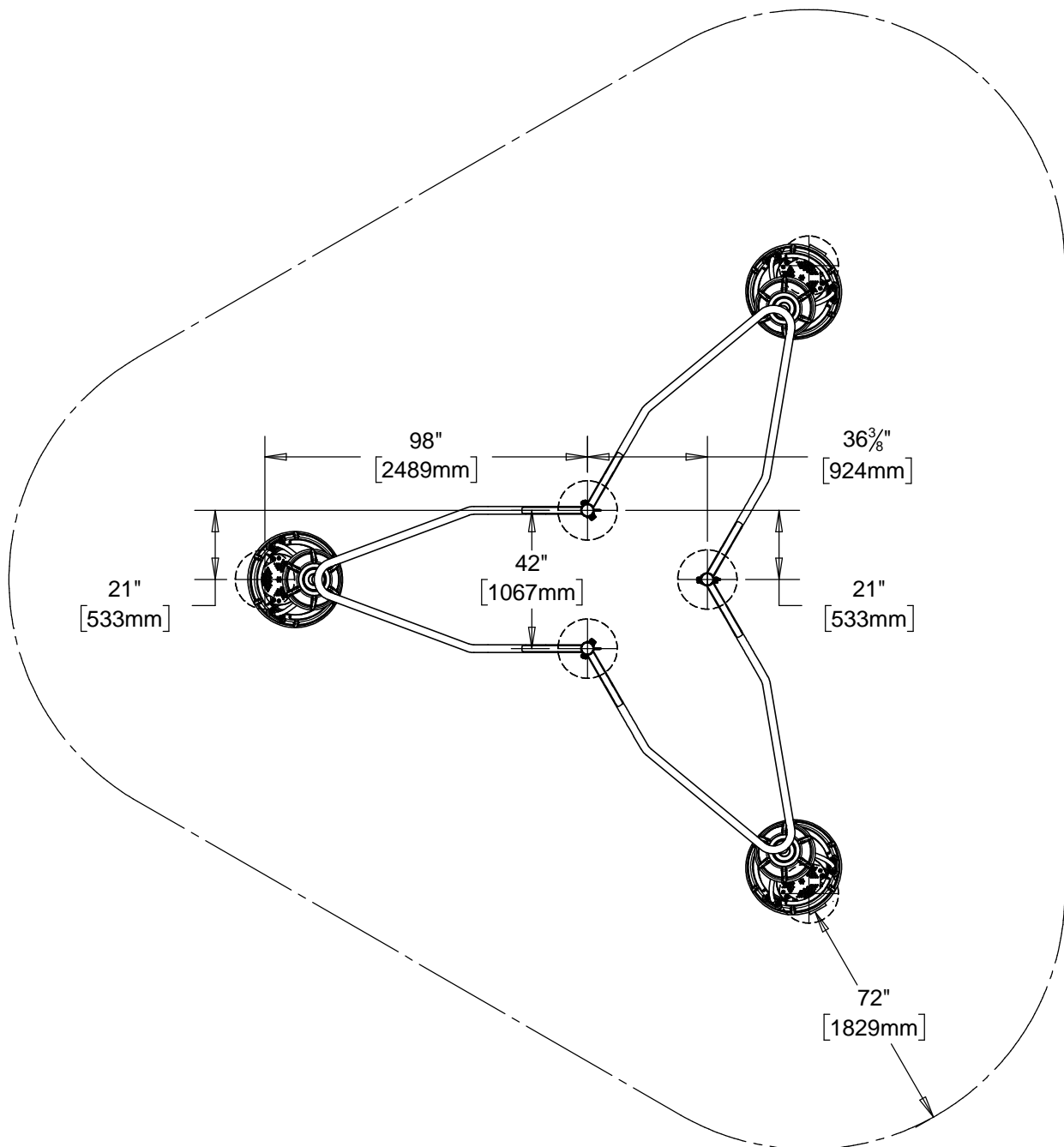


**Dual Gyro-Pod Spinner
Top View - Footing Layout
72" [1829mm] Use Zone Recommended**



Refer to current ASTM 1487 standards.
The Use Zone for Rotating Play equipment shall be no less than 72" [1829mm] in all directions from the perimeter of the play structure.

Triple Gyro-Pod Spinner
Top View - Footing Layout
72" [1829mm] Use Zone Recommended



Refer to current ASTM 1487 standards.
The Use Zone for Rotating Play equipment shall be no less than 72" [1829mm] in all directions from the perimeter of the play structure.

Step 2 (Factory Assembled)

Secure Rubber Washers over Ball Joints as shown in Figure 1.1.

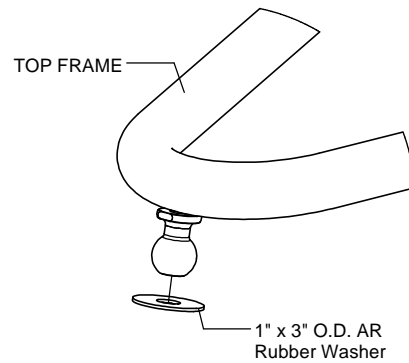


Figure 1.1

Step 3

Attach Gyro-Pod Handrails to Gyro-Pod Bearing Hubs as shown in Figure 2. (See Note A)

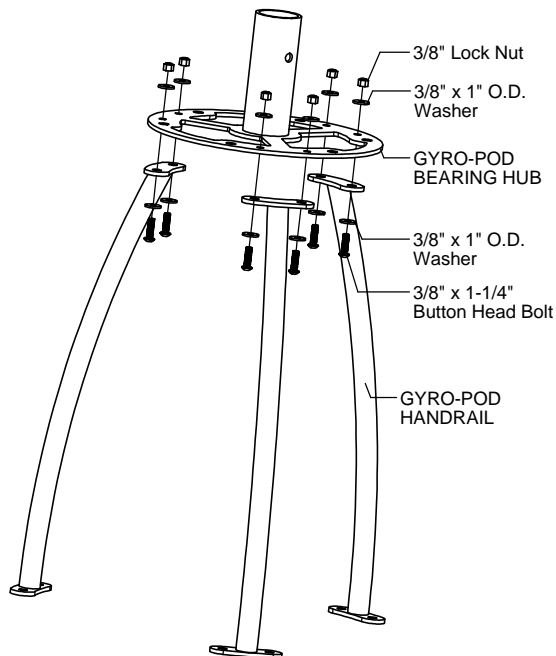


FIGURE 2

Step 4

Attach Gyro-Pod Handrails and Tread Plates to Gyro-Pod Bearing Hubs as shown in Figure 3. (See Note A)

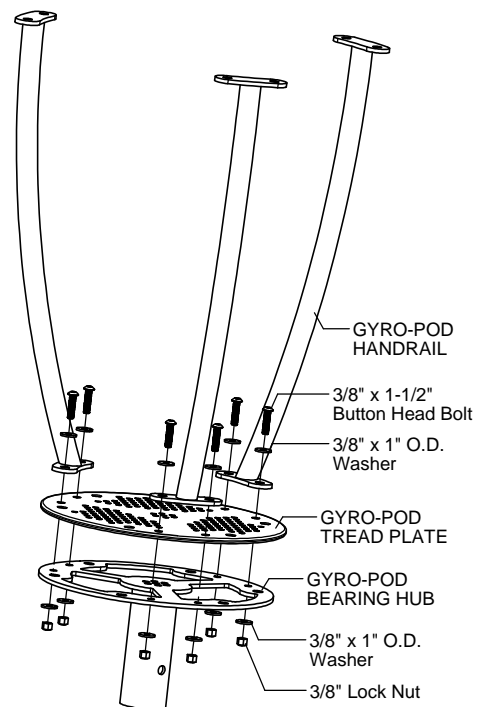


FIGURE 3

Step 5

Attach Gyro-Pod Handrails, Rings and Ring Spacers to Gyro-Pod Ring Plates as shown in Figure 4.
(See Note A)

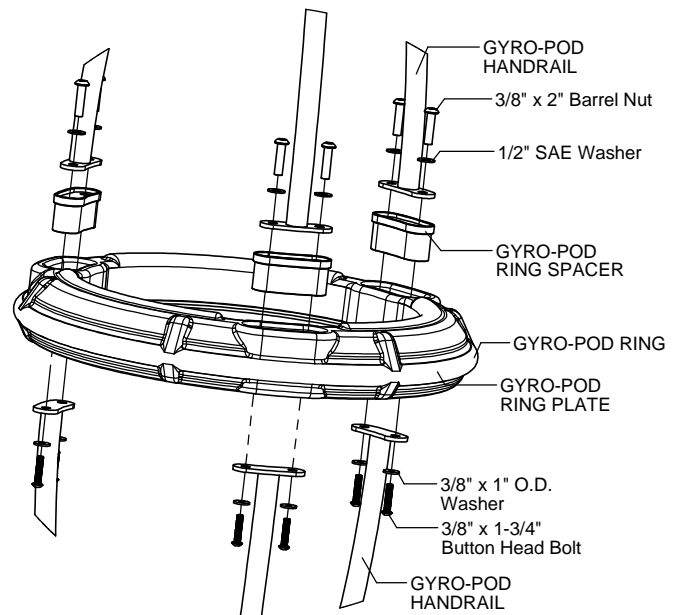


FIGURE 4

Step 6

Attach Gyro-Pod Rings and Ends to Gyro-Pod Frames as shown in Figure 5. (See Note A)

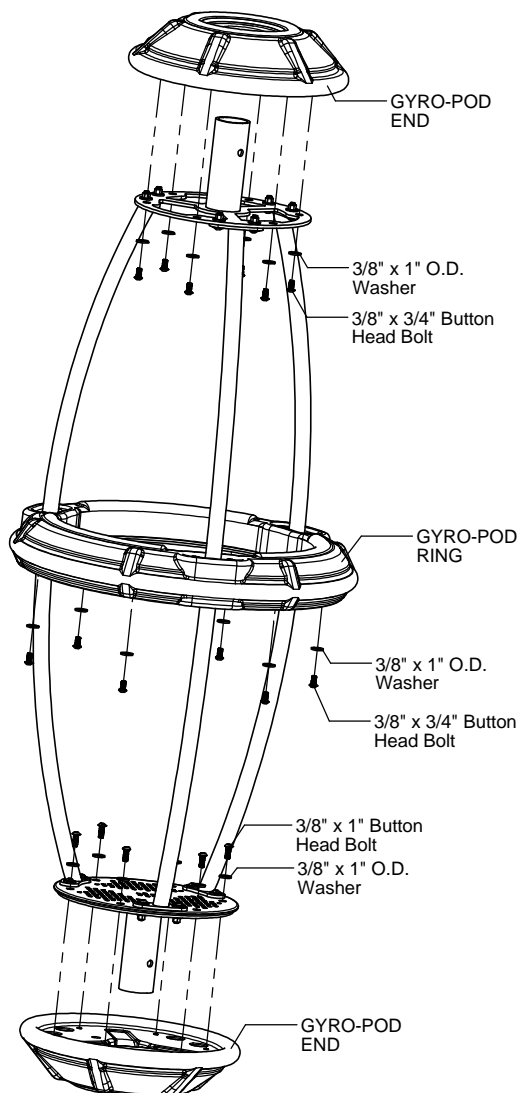


FIGURE 5

Step 7

Install footing pins into posts as shown in Figure 6.
(See Note A)

Step 8

Refer to Footing Layout and place Posts into footing holes. Plumb and level Posts. Pour concrete into footing holes. Allow at least 72 hours to cure before proceeding to next step. (See Note B)

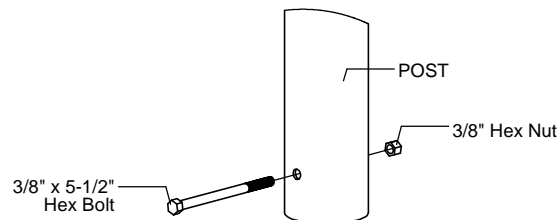


FIGURE 6

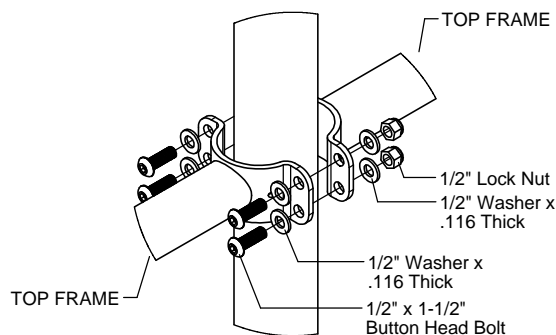


Figure 1.2

Step 9

Refer to Footing detail for collar heights and attach Top Frames to posts as shown in Figure 1.2.
(See Note A)

Step 10

Install footing pins into Gyro-Pod Legs as shown in Figure 7. (See Note A)

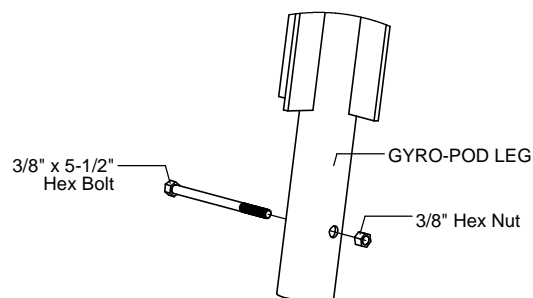


FIGURE 7

Step 11

Attach Gyro-Pod Legs to Gyro-Pod Bearing Hubs as shown in Figure 1.3. (See Note A)

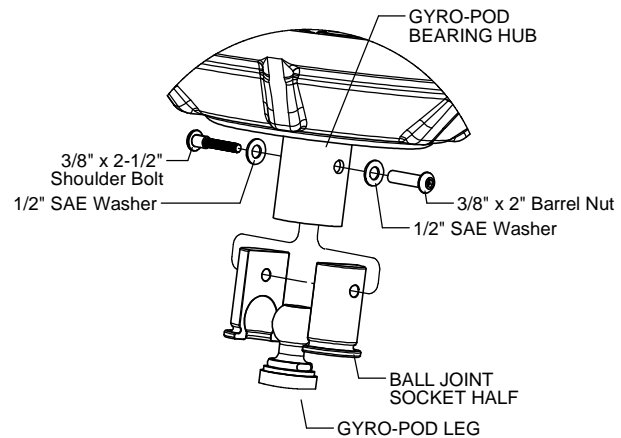


Figure 1.3

Step 12

Place Gyro-Pod Legs into footing holes and attach Gyro-Pod Bearing Hubs to Top Frames as shown in Figure 1.4. (See Notes A, B, C & D)

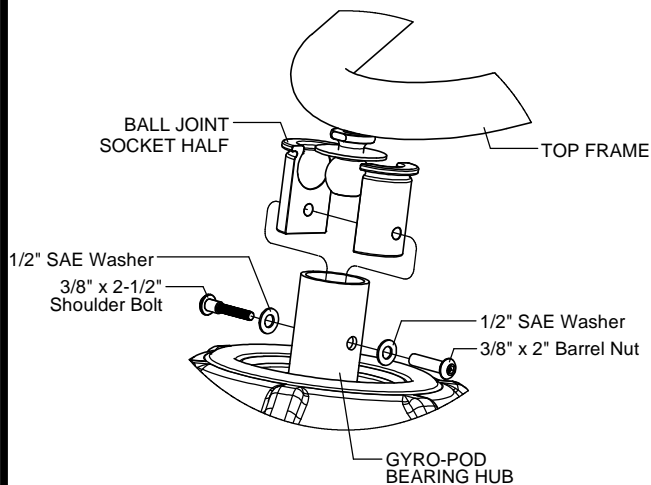


Figure 1.4

Step 13

Secure Top Frames to posts as shown in Figure 1.5. (See Note C)

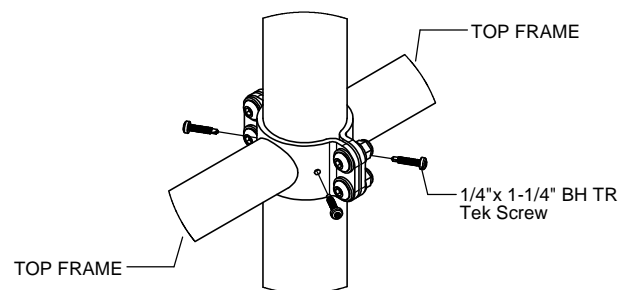


Figure 1.5

Step 14

Apply Surface Warning Labels to users where visible as shown in Figure 8.

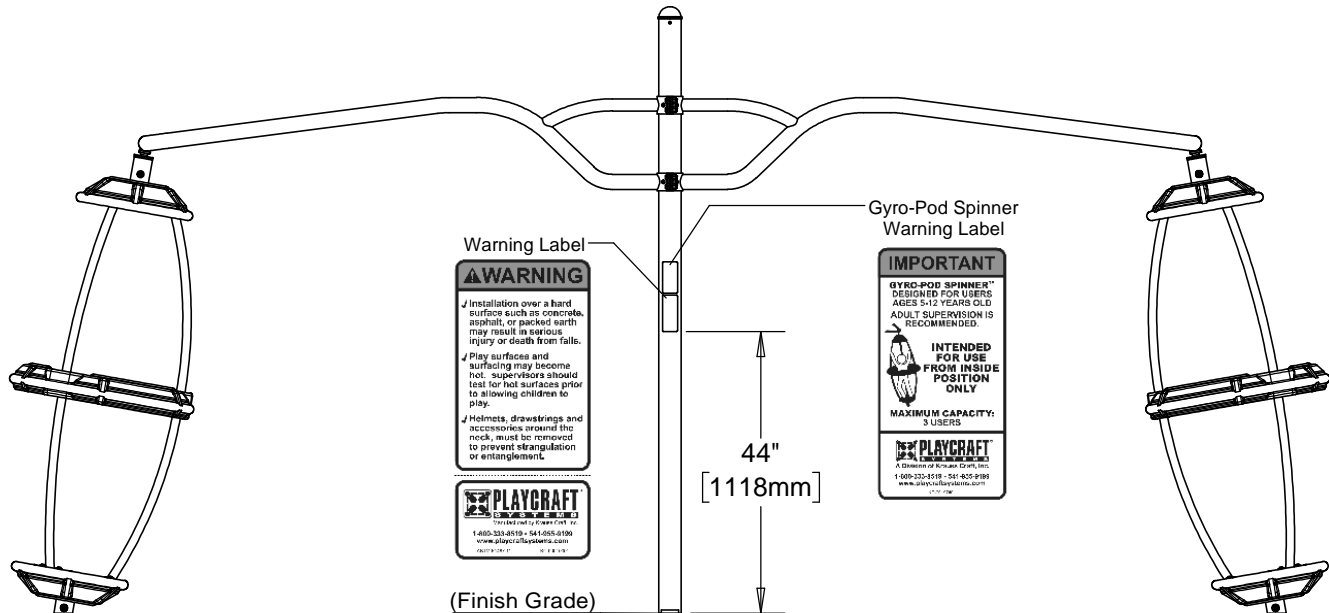


FIGURE 8

Step 15

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

Step 16

Plumb and level entire component. Pour concrete into footing hole. Allow at least 72 hours to cure before using this equipment. (See Notes B, C & D)

Step 17

Affix "Top of Surfacing" label to base of post indicating the top of minimum required surfacing depth (See Note E)

Step 18

Place required protective surfacing under and around Gyro-Pod Spinner. (See Note E)



Manufactured by Krauss Craft, Inc.
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Rev C
1/5/2017

GYRO-POD SPINNER ASSEMBLY INSTALLATION INSTRUCTIONS

PC-2471
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Parts List

A2-2471-2R35		
Part #	DESCRIPTION	QTY.
AE-0789	Gyro-Pod Tread Plate	2
AE-0790	Gyro-Pod Ring Plate	2
DE-0072	Gyro-Pod End	4
DE-0073	Gyro-Pod Ring	2
FS-1974-HND	Gyro-Pod Handrail	12
FS-1974-HUB	Gyro-Pod Bearing Hub	4
FS-1974-LEG	Gyro-Pod Leg	2
IE-0083	Gyro-Pod Ring Spacer	6
IH-0001	Ball Joint Socket Half	8
S-1011-R35	R3.5 11' Post and Dome Cap Assembly	2
372003	Gyro-Pod Spinner Warning Label	1
372008	Top of Surfacing Label	2
372012	Warning Label	1
9103032-TR	Bolt Button Head 3/8" x 3/4"	24
9103052-TR	Bolt Button Head 3/8" x 1"	12
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	12
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	12
9103082-TR	Bolt Button Head 3/8" x 1-3/4"	12
9105072	Bolt Button Head 1/2" x 1-1/2"	16
9123231	Bolt Hex 3/8" x 5-1/2"	2
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	4
9271062-TR	Screw Tek 1/4" x 1-1/4" BH TR	16
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	96
9335002	Washer Flat 1/2" (.116" thick)	32
9345002	Washer Flat SAE 1/2"	20
9413002	Nut Lock 3/8"	24
9415132	Nut Lock 1/2"	16
9443092-TR	Nut Barrel 3/8" x 2" BH	16
9483602	Nut Hex 3/8"	2

A2-2471-3R35		
Part #	DESCRIPTION	QTY.
AE-0789	Gyro-Pod Tread Plate	3
AE-0790	Gyro-Pod Ring Plate	3
DE-0072	Gyro-Pod End	6
DE-0073	Gyro-Pod Ring	3
FS-1974-HND	Gyro-Pod Handrail	18
FS-1974-HUB	Gyro-Pod Bearing Hub	6
FS-1974-LEG	Gyro-Pod Leg	3
IE-0083	Gyro-Pod Ring Spacer	9
IH-0001	Ball Joint Socket Half	12
S-1011-R35	R3.5 11' Post and Dome Cap Assembly	3
372003	Gyro-Pod Spinner Warning Label	1
372008	Top of Surfacing Label	3
372012	Warning Label	1
9103032-TR	Bolt Button Head 3/8" x 3/4"	36
9103052-TR	Bolt Button Head 3/8" x 1"	18
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	18
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	18
9103082-TR	Bolt Button Head 3/8" x 1-3/4"	18
9105072	Bolt Button Head 1/2" x 1-1/2"	24
9123231	Bolt Hex 3/8" x 5-1/2"	3
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	6
9271062-TR	Screw Tek 1/4" x 1-1/4" BH TR	12
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	144
9335002	Washer Flat 1/2" (.116" thick)	48
9345002	Washer Flat SAE 1/2"	30
9413002	Nut Lock 3/8"	36
9415132	Nut Lock 1/2"	24
9443092-TR	Nut Barrel 3/8" x 2" BH	24
9483602	Nut Hex 3/8"	3

Assembled Parts List

A2-2471-2R35		
Part #	DESCRIPTION	QTY.
FS-1974-R35	Gyro-Pod Top Frame R3.5	2
9380130	Washer Rubber AR 1" x 3" O.D.	2

A2-2471-3R35		
Part #	DESCRIPTION	QTY.
FS-PC2471-3R35	Triple Gyro-Pod Top Frame R3.5	3
9380130	Washer Rubber AR 1" x 3" O.D.	3



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Rev C
1/5/2017

Specifications

GYRO-POD LEG:

Shall be fabricated using 2.375" O.D. 10 gauge steel tubing with welded 1/4" x 1-1/2" flat steel reinforcement plates and stainless steel ball bearing. The Gyro-Pod Leg shall have a multi-stage baked-on powder coat finish.

GYRO-POD TOP FRAME:

Shall be fabricated using 2.375" O.D. 11 gauge steel tubing with welded 1.900" O.D. 11 gauge steel supports, 1/4" thick steel mounting brackets and stainless steel ball bearing. The Gyro-Pod Top Frame shall have a multi-stage baked-on powder coat finish.

GYRO-POD BEARING HUB:

Shall be fabricated using 2-1/4" O.D. machined steel hub with welded 1/4" thick steel plate. The Gyro-Pod Bearing Hub shall have a multi-stage baked-on powder coat finish.

GYRO-POD HANDRAIL:

Shall be fabricated using 1.315" O.D. 12 gauge steel tubing with welded 1/4" thick steel mounting plates. The Gyro-Pod Handrail shall have a multi-stage baked-on powder coat finish.

GYRO-POD TREAD PLATE:

Shall be made from punched 14 gauge sheet steel. The Gyro-Pod Tread Plate shall be Play-Tuff™ coated after fabrication.

GYRO-POD RING PLATE:

Shall be made from precision cut 1/4" thick sheet steel. The Gyro-Pod Ring Plate shall have a multi-stage baked-on powder coat finish.

GYRO-POD END & RING:

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

GYRO-POD RING SPACER:

Shall be machined from high strength aluminum alloy. The Gyro-Pod Ring Spacer shall have a multi-stage baked-on powder coat finish.

BALL JOINT SOCKET HALF:

Shall be made from Ultra High Molecular Weight Polyethylene for lasting durability and minimal rotational resistance.

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.

