

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.

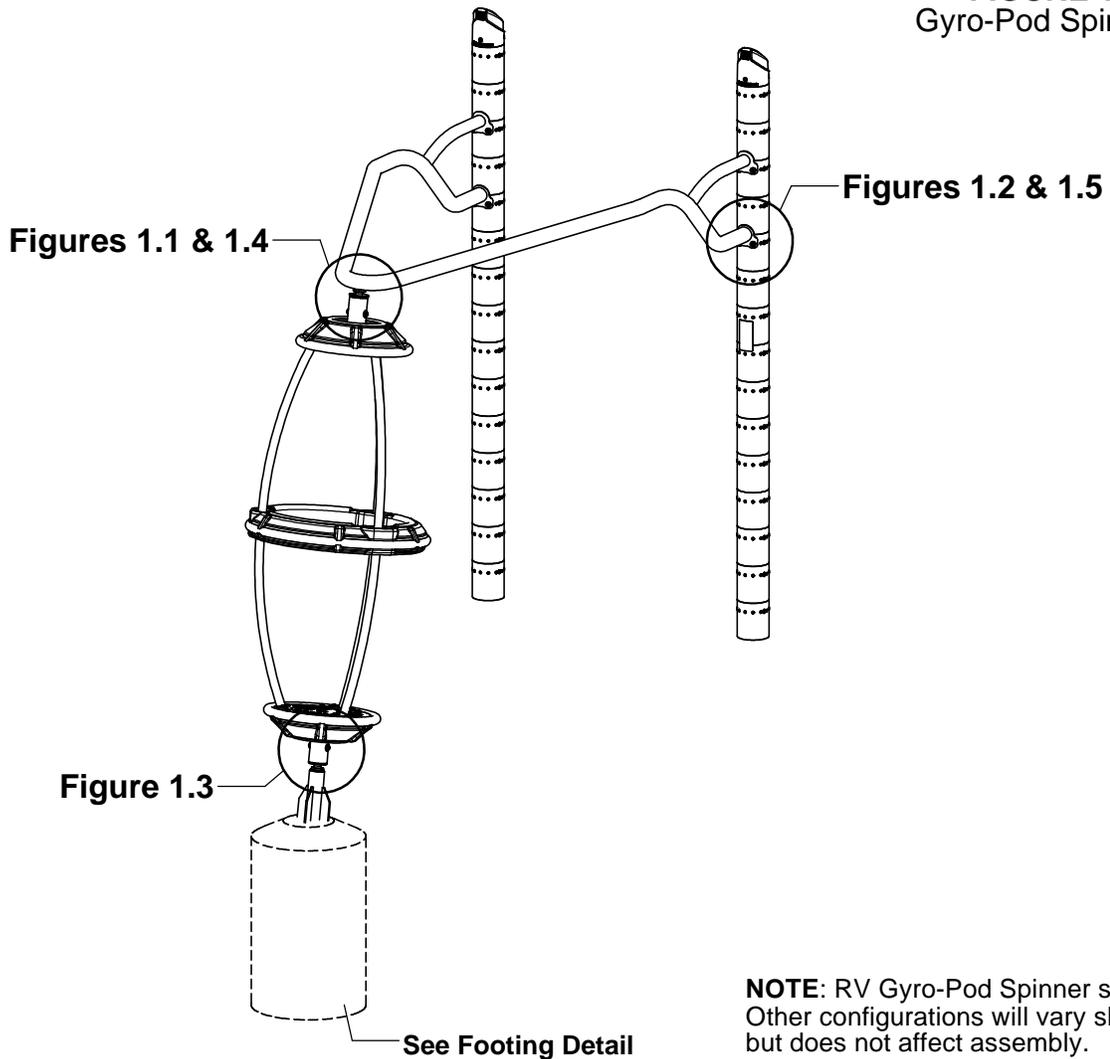
(B) Do not pour concrete until the equipment is completely assembled, leveled and plumbed. Concrete must be allowed to cure completely before using the equipment (at least 72 hours).

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

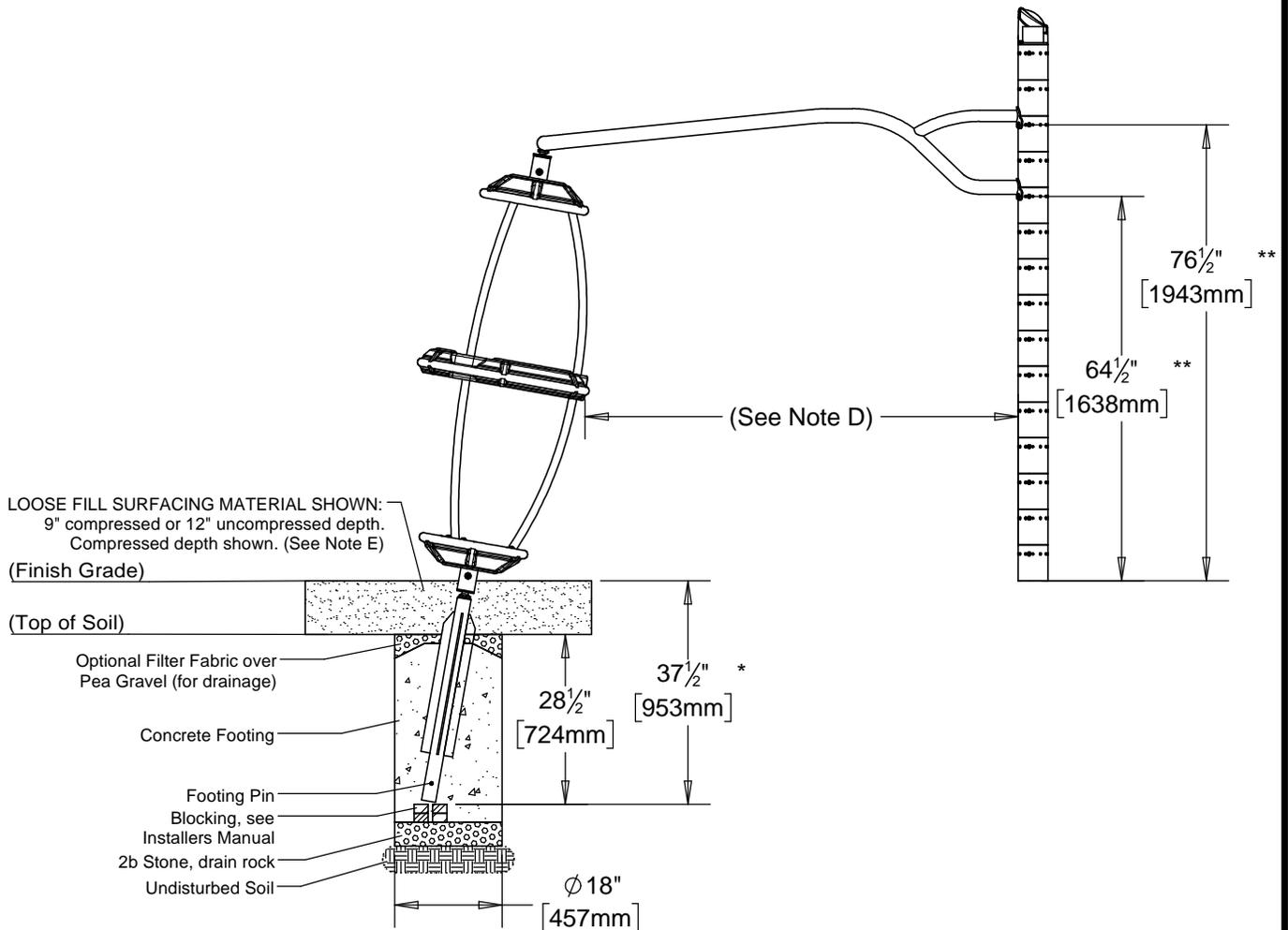
Step 1

Refer to Footing Layout and mark footing hole location.
Dig (1) Ø 18" footing hole. Refer to Footing Detail for
depth and details.

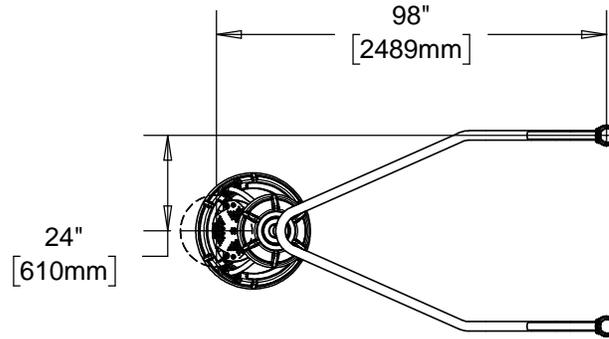
* Footing depth must be adjusted to compensate for the
depth/thickness requirements of selected safety
surfacing. See Section 06.1 of the Installation Manual.

** Height shown from finish grade to mounting hole.

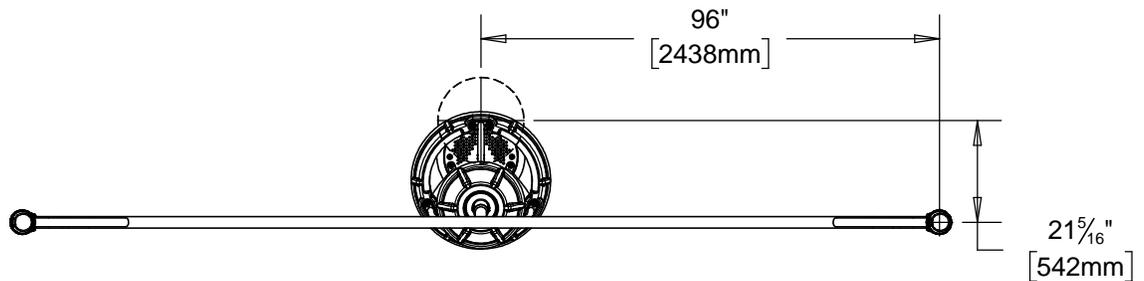
Footing Detail



RV-1974 - Footing Layout



RV-1974-STRT - Footing Layout



Step 2 (Factory Assembled)

Secure Rubber Washer over Ball Joint as shown in Figure 1.1.

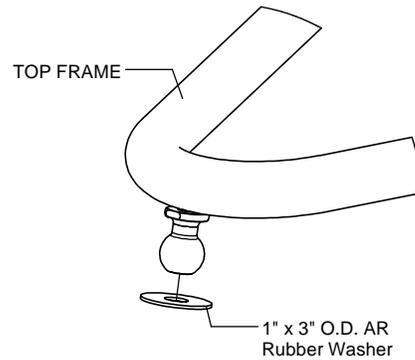


Figure 1.1

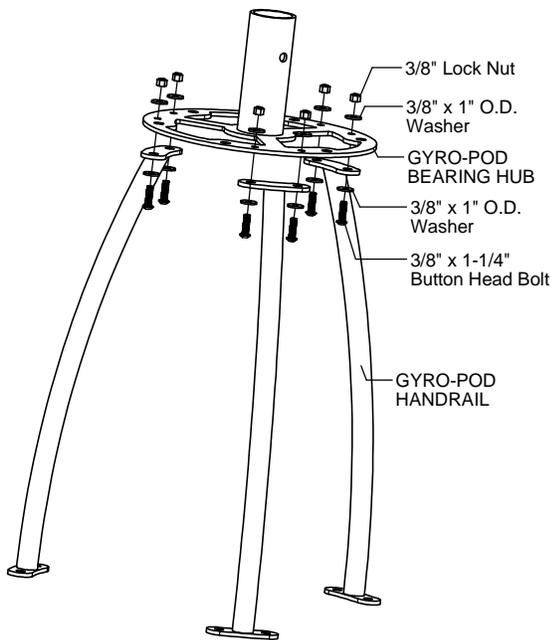


FIGURE 2

Step 3

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

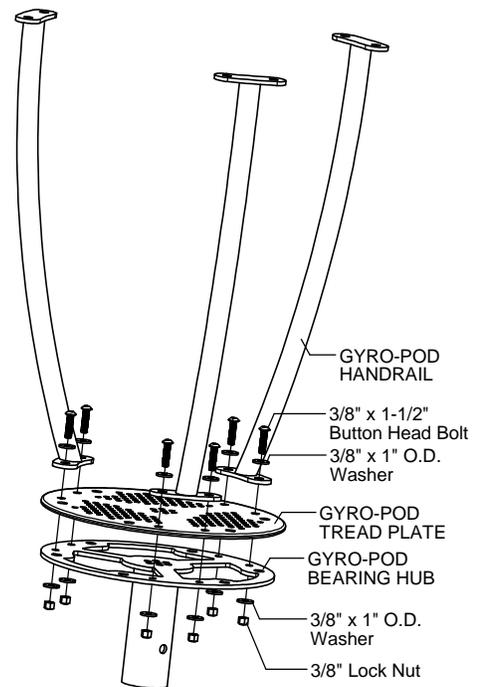


FIGURE 3

Step 4

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

Step 5

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

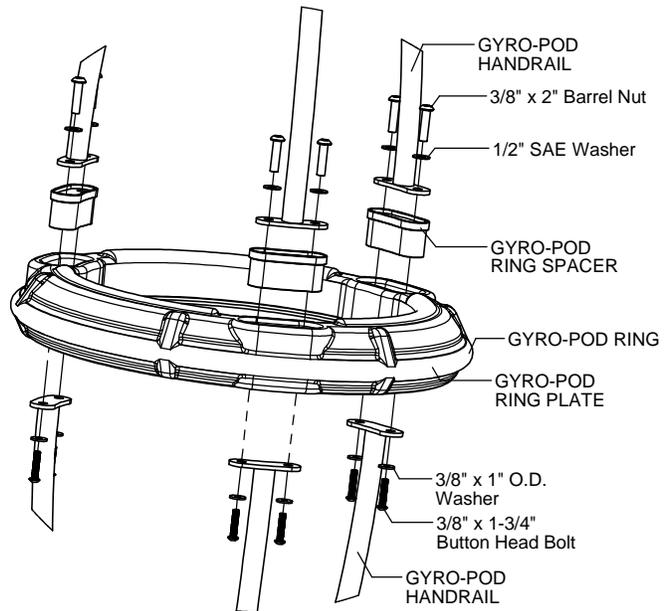


FIGURE 4

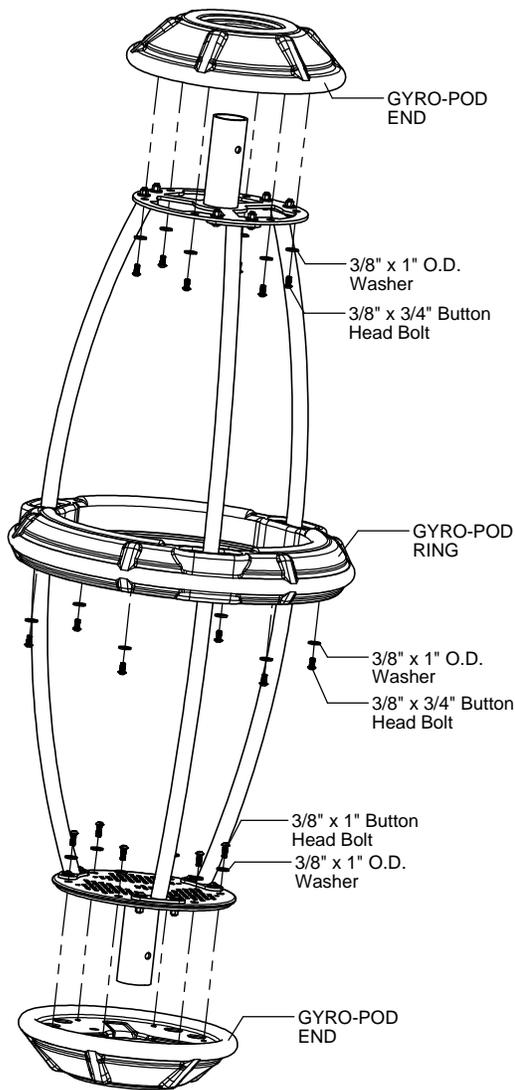


FIGURE 5

Step 6

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

Step 7

Refer to Footing detail and remove required Hole Plugs.
Attach Top Frame to post as shown in Figure 1.2.
(See Note A)

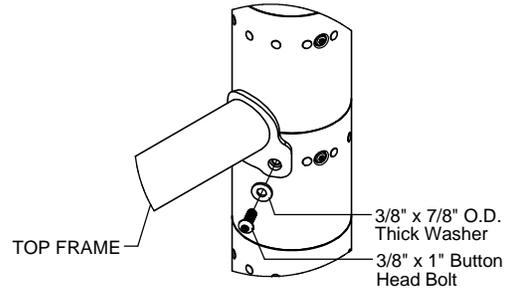


Figure 1.2

Step 8

Install footing pin into Gyro-Pod Leg as shown in Figure 6. (See Note A)

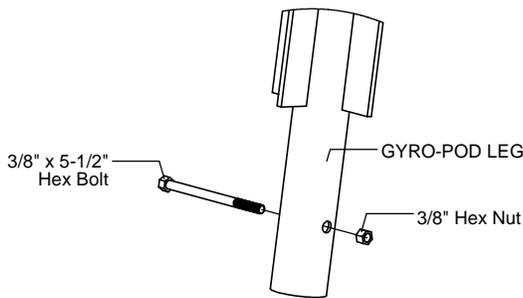


FIGURE 6

Step 9

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

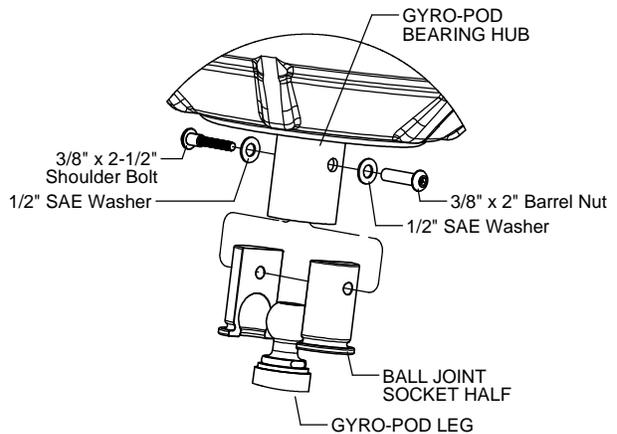


Figure 1.3

Step 10

Place Gyro-Pod Leg into footing hole and attach Gyro-Pod Bearing Hub to Top Frame as shown in Figure 1.4. (See Notes A, B, C & D)

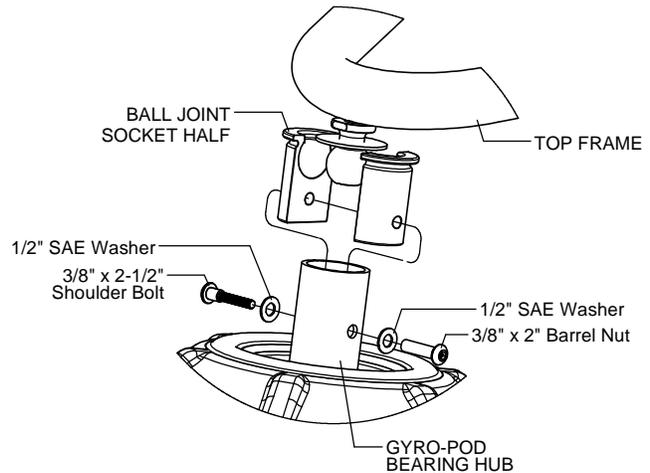


Figure 1.4

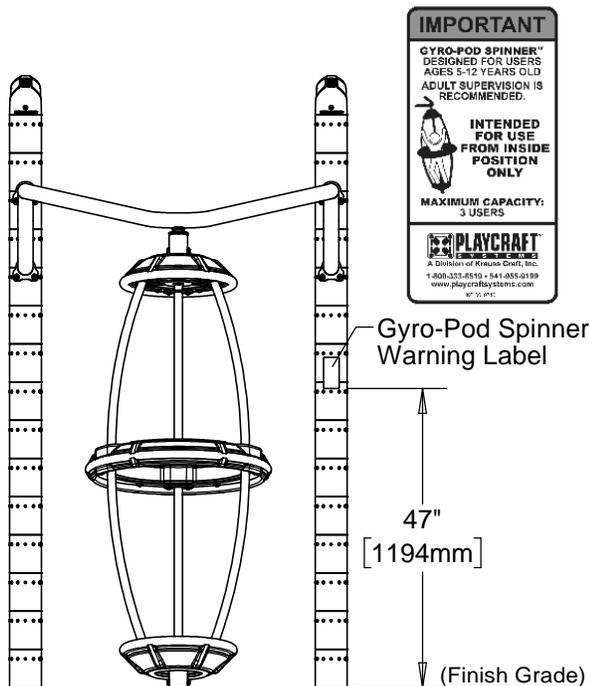


FIGURE 7

Step 11

Apply Gyro-Pod Warning Label where visible to users as shown in Figure 7.

Step 12

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

Step 13

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 14

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

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 stainless 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.

Parts List

Part #	DESCRIPTION	QTY.
AE-0789	Gyro-Pod Tread Plate	1
AE-0790	Gyro-Pod Ring Plate	1
DE-0072	Gyro-Pod End	2
DE-0073	Gyro-Pod Ring	1
FS-1974-HND	Gyro-Pod Handrail	6
FS-1974-HUB	Gyro-Pod Bearing Hub	2
FS-1974-LEG	Gyro-Pod Leg	1
IE-0083	Gyro-Pod Ring Spacer	3
IH-0001	Ball Joint Socket Half	4
372003	Gyro-Pod Spinner Warning Label	1
4-9339042	Washer Flat 3/8" x 7/8" O.D. x .100" Thick	8
9103032-TR	Bolt Button Head 3/8" x 3/4"	12
9103052-TR	Bolt Button Head 3/8" x 1"	14
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	6
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	6
9103082-TR	Bolt Button Head 3/8" x 1-3/4"	6
9123231	Bolt Hex 3/8" x 5-1/2"	1
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	48
9345002	Washer Flat SAE 1/2"	10
9413002	Nut Lock 3/8"	12
9443092-TR	Nut Barrel 3/8" x 2" BH	8
9483602	Nut Hex 3/8"	1

Assembled Parts List

Part #	DESCRIPTION	QTY.
Varies	Gyro-Pod Top Frame RV	1
9380130	Washer Rubber AR 1" x 3" O.D.	1

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.

