

IMPORTANT NOTES: Read First

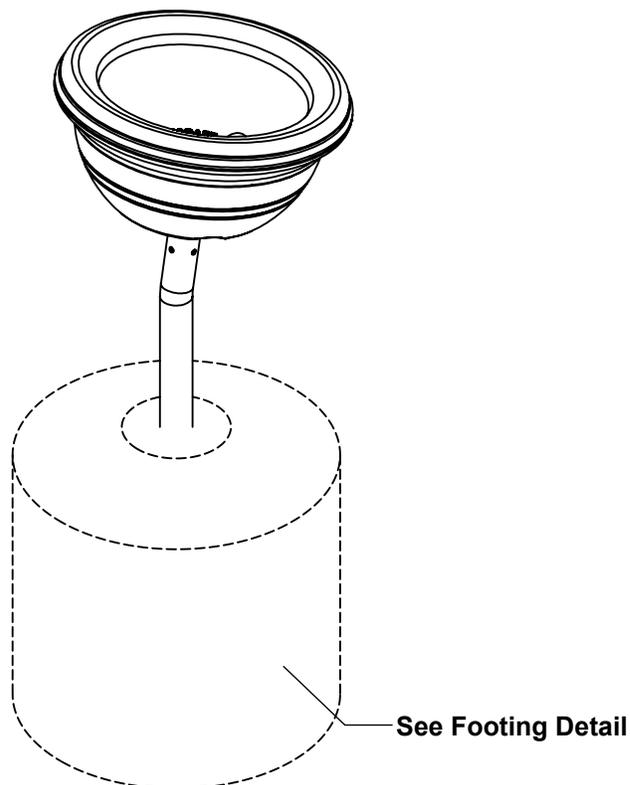
(A) Use liquid thread lock (such as Loctite®) with all threaded hardware. **Important:** Liquid thread lock (prior to curing) helps to eliminate the common problem of "thread seizure" in stainless steel hardware by serving as a lubricant during assembly.

(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) The Bucket Spinner Seat Bearing is a non-sealed Tapered-Roller bearing requiring lubrication prior to installation. A light weight grease is recommended. The bearing is to be slid into spinner seat hub with manufacture's stamp text visible.

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

FIGURE 1
Bucket Spinner



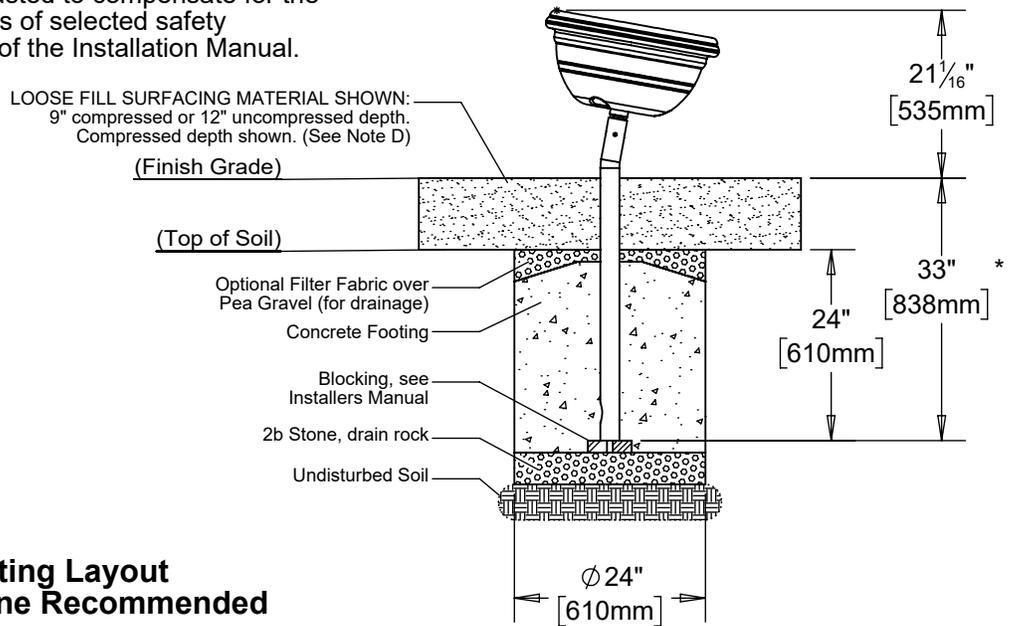
Step 1

Refer to Footing Layout and mark footing hole location. Dig (1) Ø 24" footing hole. Refer to Footing Detail for depth and details.

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

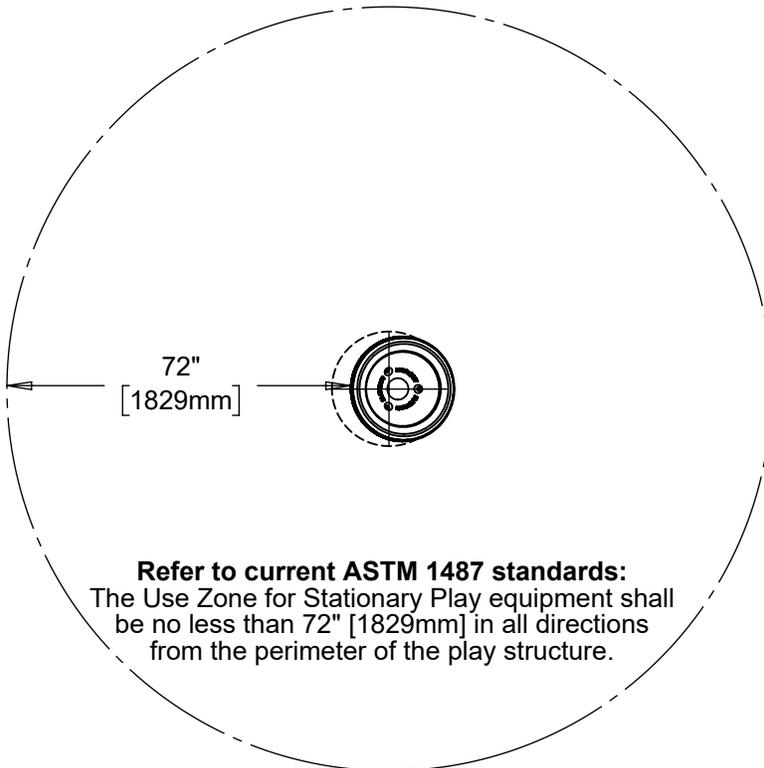
* Footing depth must be adjusted to compensate for the depth/thickness requirements of selected safety surfacing. See Section 06.1 of the Installation Manual.

Footing Detail



Top View - Footing Layout

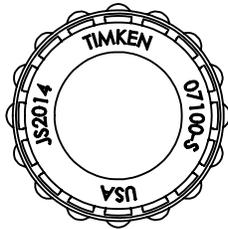
72" [1829mm] Use Zone Recommended



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

Step 2 (Factory Assembled)

Attach Spinner Seat Hub to Angled Spinner Seat Post as shown in Figure 2. (See Notes A & C)



Tapered-Roller Bearing
Bottom View

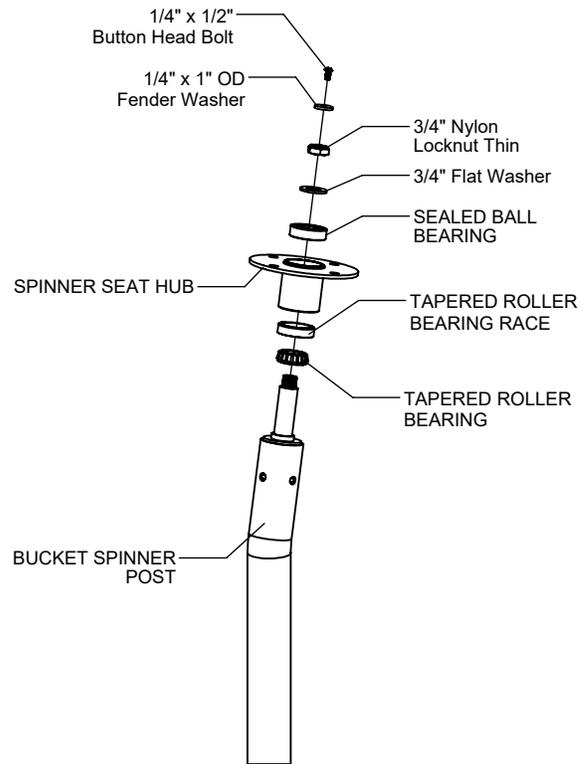


FIGURE 2

Step 3 (Factory Assembled)

Attach Bucket Spinner Seat to Spinner Seat Hub as shown in Figure 3 and place Bucket Spinner into footing hole. (See Notes A & B)

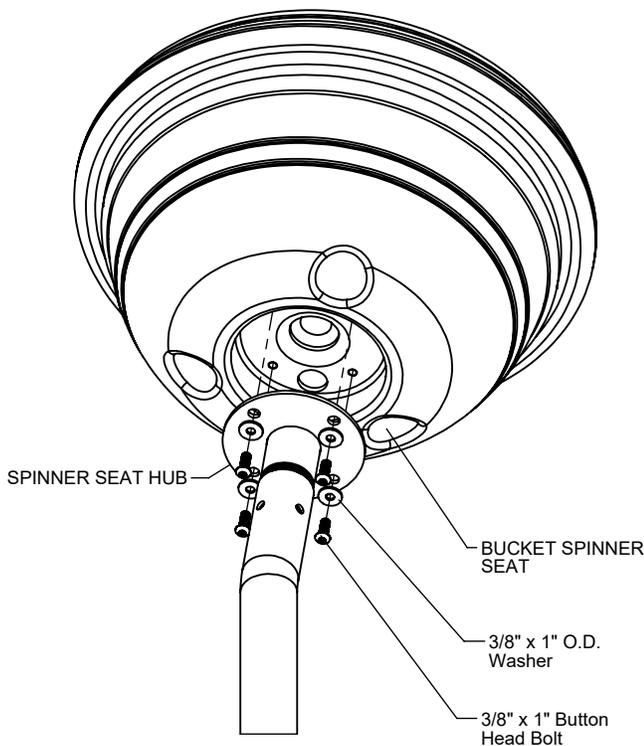


FIGURE 3

Step 4

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

Step 5

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

Step 6

Place required protective surfacing under and around Bucket Spinner. (See Note D)

Assembled Parts List

Part #	DESCRIPTION	QTY.
DE-0046	Bucket Spinner	1
FS-PC2454-HUB	Spinner Seat Hub	1
FS-PC2457	Bucket Spinner Post	1
481100-2	2" O.D. x 9/16" Double-Sealed Ball Bearing 1" I.D.	1
481500-B	Tapered Roller Bearing	1
481500-R	Tapered Roller Bearing Race	1
9101012-TR	Bolt Button Head 1/4" x 1/2"	1
9103052-TR	Bolt Button Head 3/8" x 1"	4
9321052-THK	Washer Fender 1/4" x 1" OD x .125" thk	1
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	4
9338002	Washer Flat 3/4"	1
9428002	3/4" Nylon Locknut Thin	1

Specifications

BUCKET SPINNER:

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

BUCKET SPINNER POST:

Shall be fabricated using 2.375" O.D. 10 gauge steel tubing welded to 3/16" thick steel mounting plate and machined stainless steel spindle and will have a multi-staged baked-on powder coat finish.

SPINNER SEAT HUB:

Shall be fabricated using a machined stainless steel hub with welded 3/16" thick steel mounting plate and will have a multi-staged 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.

