

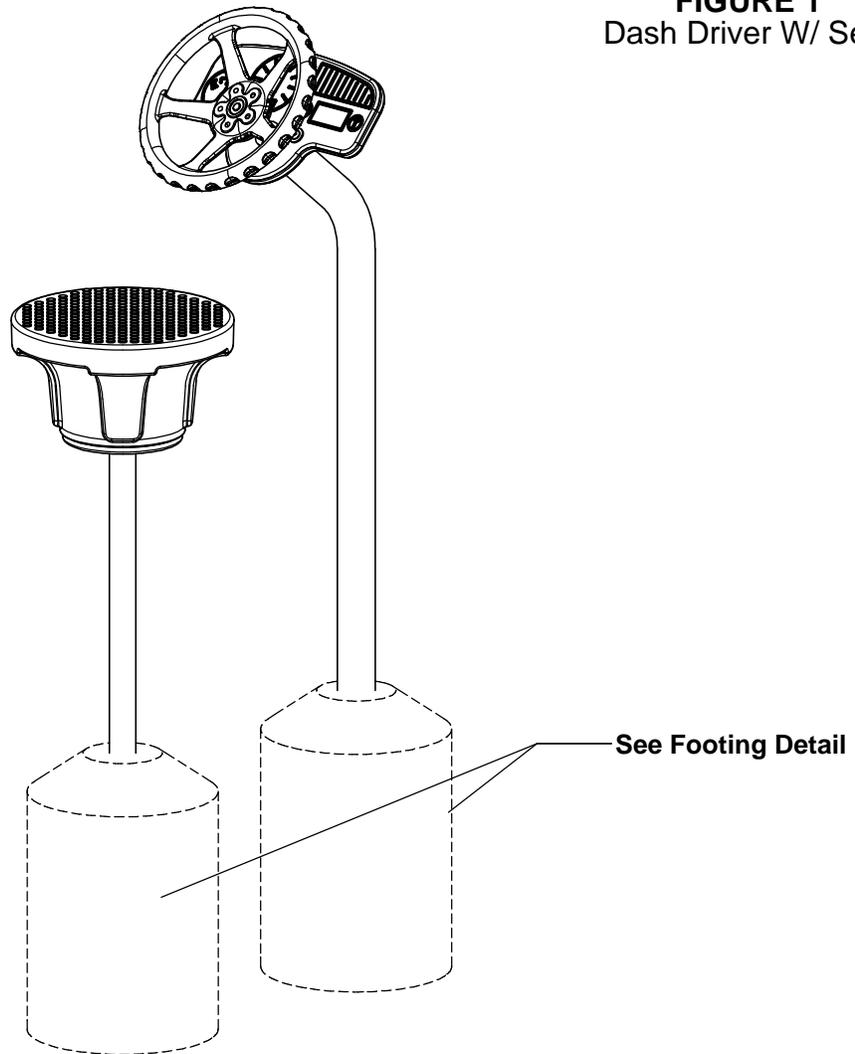
IMPORTANT NOTES: Read First

(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) 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
Dash Driver W/ Seat



Step 1

Refer to Footing Layout and mark footing hole locations. Dig (2) Ø 12" footing holes. Refer to Footing Detail for depth and details.

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

Footing Detail

LOOSE FILL SURFACING MATERIAL SHOWN:
9" compressed or 12" uncompressed depth.
Compressed depth shown. (See Note C)

(Finish Grade)

(Top of Soil)

Optional Filter Fabric Over
Pea Gravel (for drainage)

Concrete Footing

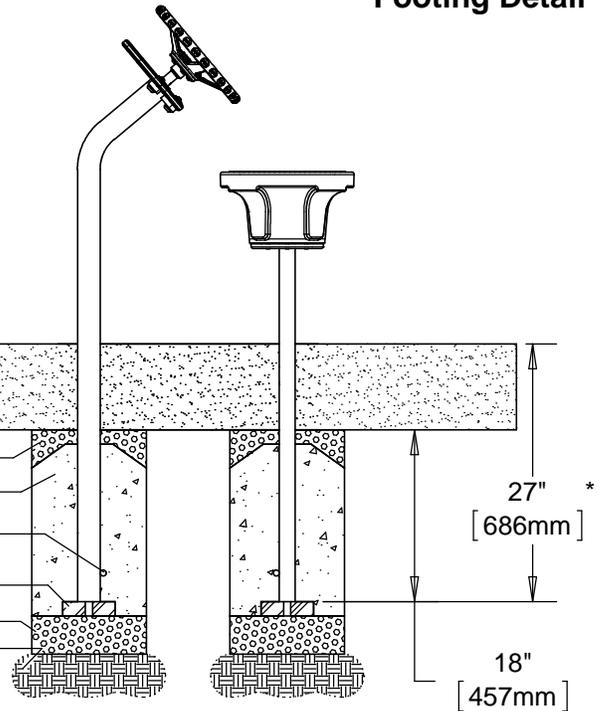
Footing Anchor
(welded 5/8" Rod)

Blocking, See
Installers Manual

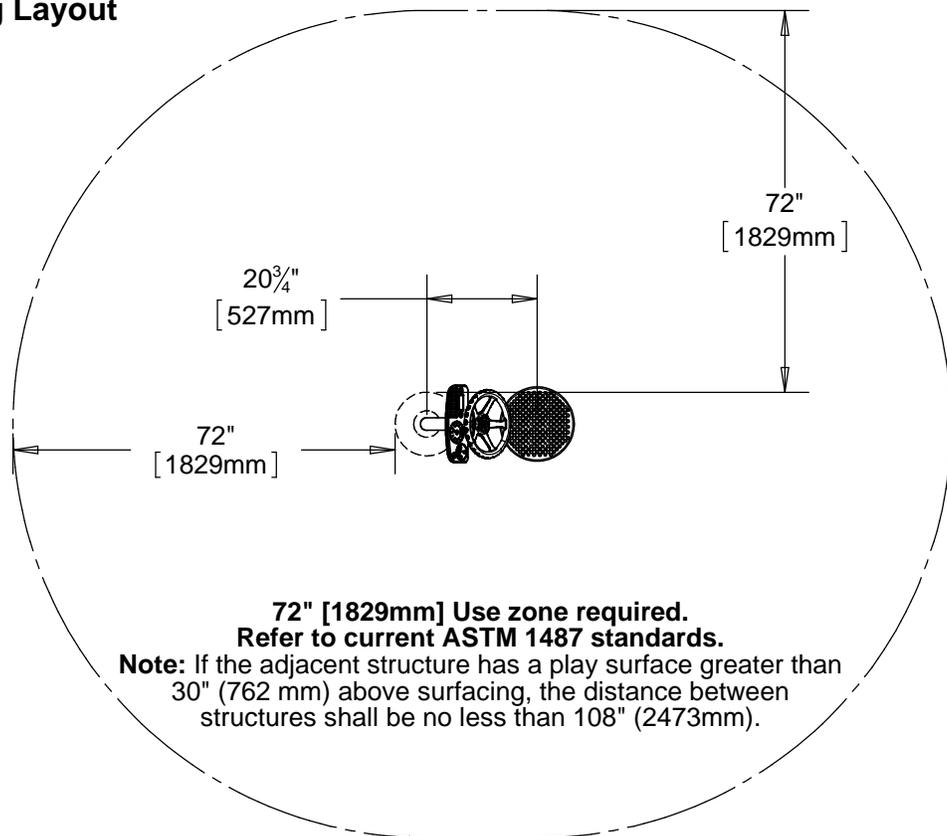
2b Stone, drain rock

Undisturbed Soil

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



Top View - Footing Layout



Step 2 (Factory Assembled)

Press Bearings into Wheel Hub as shown in Figure 2.

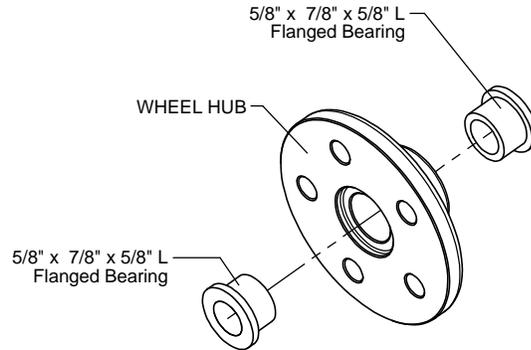


FIGURE 2

Step 3

Attach Driver Wheel Casting to Driver Dash as shown in Figure 3. (See Note A)

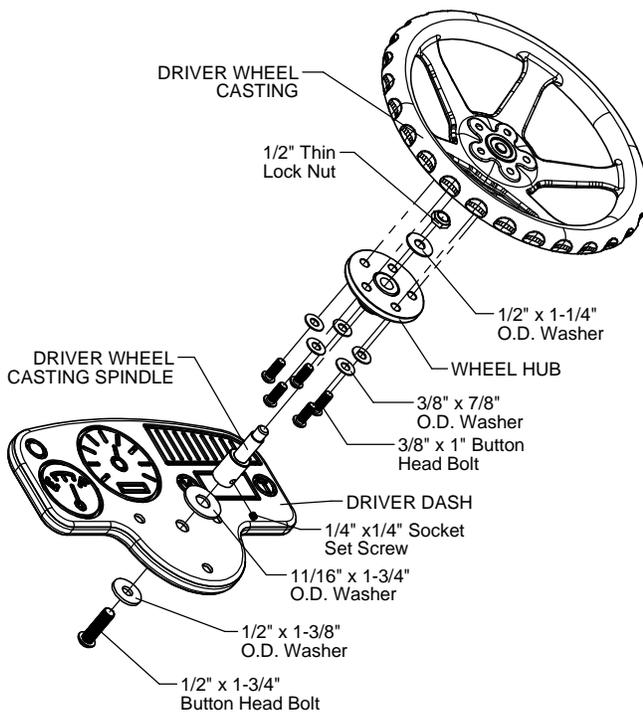


FIGURE 3

Step 4

Attach the Driver Dash to the post as shown in Figure 4 and place into footing hole. (See Notes A & B)

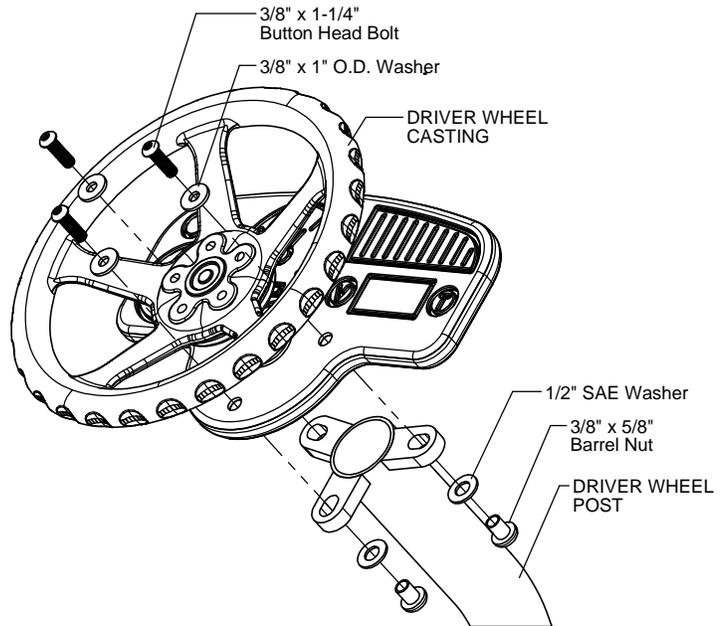


FIGURE 4

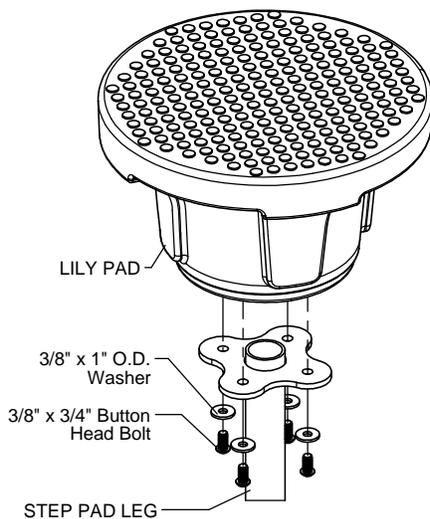


FIGURE 5

Step 5

Attach the Lily Pad to Lily Pad Leg as shown in Figure 5 and place into footing hole. (See Notes A & B)

Step 6

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

Step 7

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

Step 8

Place required protective surfacing under and around Dash Driver. (See Note C)

Parts List

Part #	DESCRIPTION	QTY.
DE-4267	Lily Pad No Hole	1
EE-4207	Driver Dash	1
FS-1414-1P	Step Pad Leg	1
FS-PC2210-A	Driver Wheel Post	1
GE-4728	Driver Wheel Casting	1
IE-4761	Driver Wheel Casting Spindle	1
451172	Hex Key Wrench 1/8" SA	1
9103032-TR	Bolt Button Head 3/8" x 3/4"	4
9103052-TR	Bolt Button Head 3/8" x 1"	5
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	3
9105082	Bolt Button Head 1/2" x 1-3/4"	1
9261002	1/4" x 1/4" Socket Set Screw	1
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	7
9333042	Washer Flat 3/8" x 7/8" O.D.	5
9335062	Washer Flat 1/2" x 1-1/4" OD	1
9335062-5	Washer Flat 1/2" x 1-3/8" OD	1
9337072-5	Washer Flat 11/16" x 1-3/4" OD	1
9345002	Washer Flat SAE 1/2"	3
9425002	Nut Lock 1/2" Thin	1
9443022-TR	Nut Barrel 3/8" x 5/8" BH	3

Assembled Parts List

Part #	DESCRIPTION	QTY.
IE-4662	Wheel Hub	1
481058-58	5/8" x 7/8" x 5/8" L Flanged Bearing	2

Specifications

DRIVER DASH:

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

LILY PAD:

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

DASH DRIVER POST:

Shall be fabricated using 2.375" O.D. 11 gauge steel tubing with welded 1/2" thick steel tabs and Ø 5/8" footing anchor. The Dash Driver Post shall have a multi-stage baked-on powder coat finish.

LILY PAD LEG:

Shall be fabricated using 1.315" O.D. 12 gauge steel tubing with welded 1/4" steel plate and a Ø 5/8" footing anchor welded to the base.

DRIVER WHEEL CASTING:

Shall be precision die-cast from a high strength aluminum alloy. The Driver Wheel Casting shall have a multi-stage baked-on powder coat finish.

WHEEL HUB:

Shall be machined from Ø 3-3/4" high strength aluminum alloy. The Wheel Hub shall have a multi-staged baked-on powder coat finish.

SPINDLE:

Shall be machined from Ø 1" stainless steel.

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.

