

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.

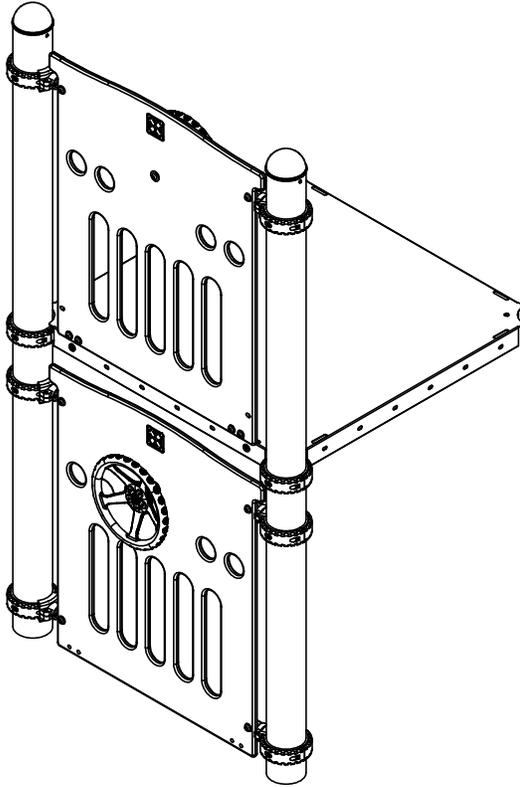


FIGURE 1
Driver Wheel To Panel

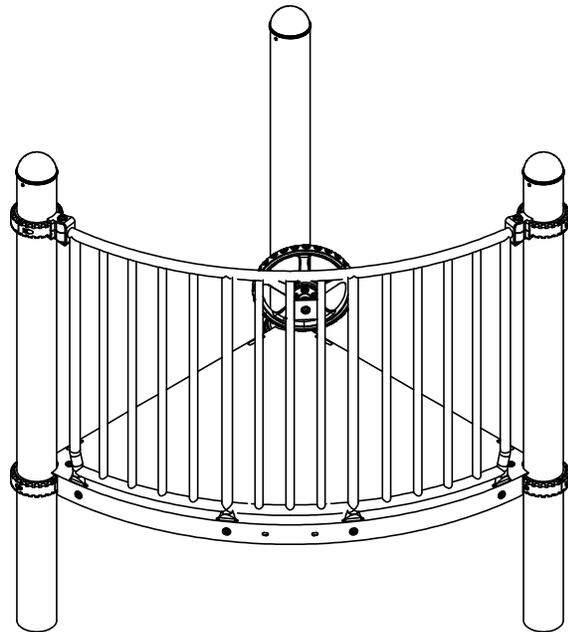


FIGURE 2
Driver Wheel To Wall

NOTE: Figures shown represent Driver Wheel Assembly to Panel and Driver Wheel Assembly to Wall in general. Other Panels and Walls may vary slightly, but does not affect assembly

Step 1 (Factory Assembled)

Press Bearings into Wheel Hub as shown in Figure 3.

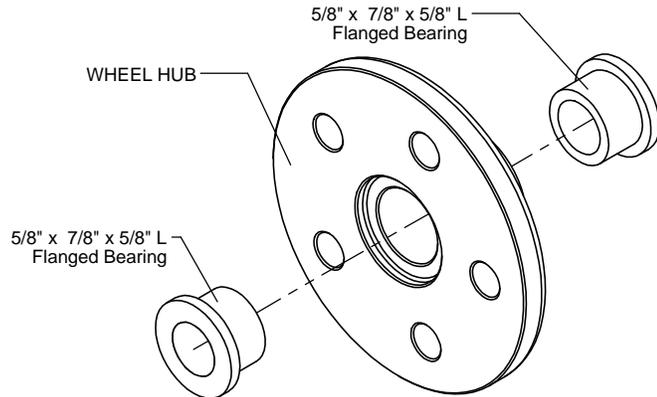


FIGURE 3

Step 2

For Driver Wheel to Panel Only

Attach Driver Wheel Casting to HDPE Panel as shown in Figure 4. (See Note A)

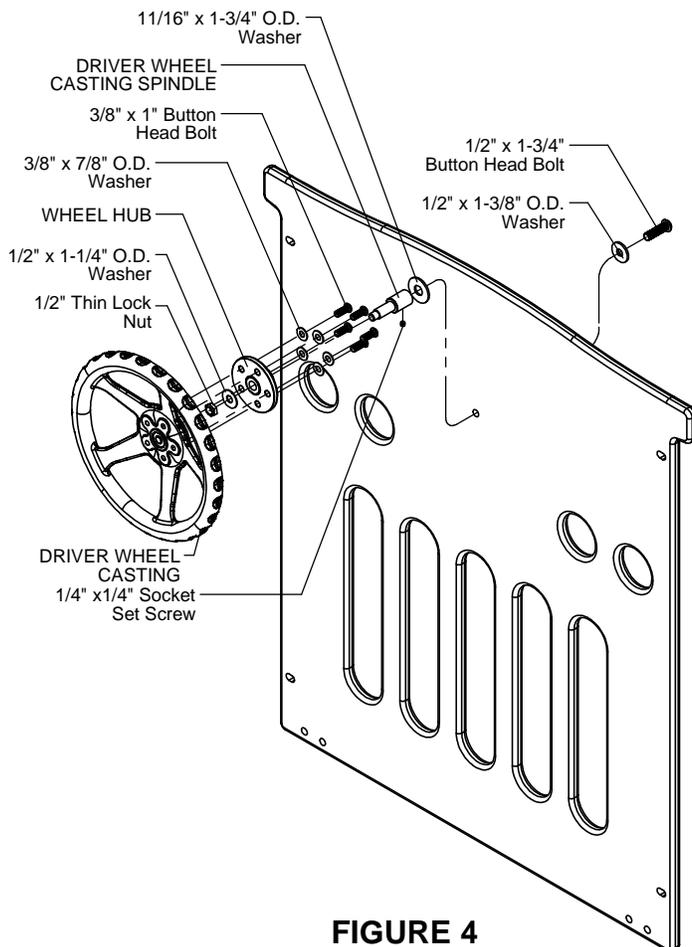


FIGURE 4

Step 3

For Driver Wheel to Wall Only

Attach Driver Wheel Casting to Steel Wall as shown in Figure 5. (See Note A)

Step 4

Secure 1/4" x 1/4" Socket Set Screw to Driver Wheel Casting Spindle using the Hex Key Wrench provided. (See Note A)

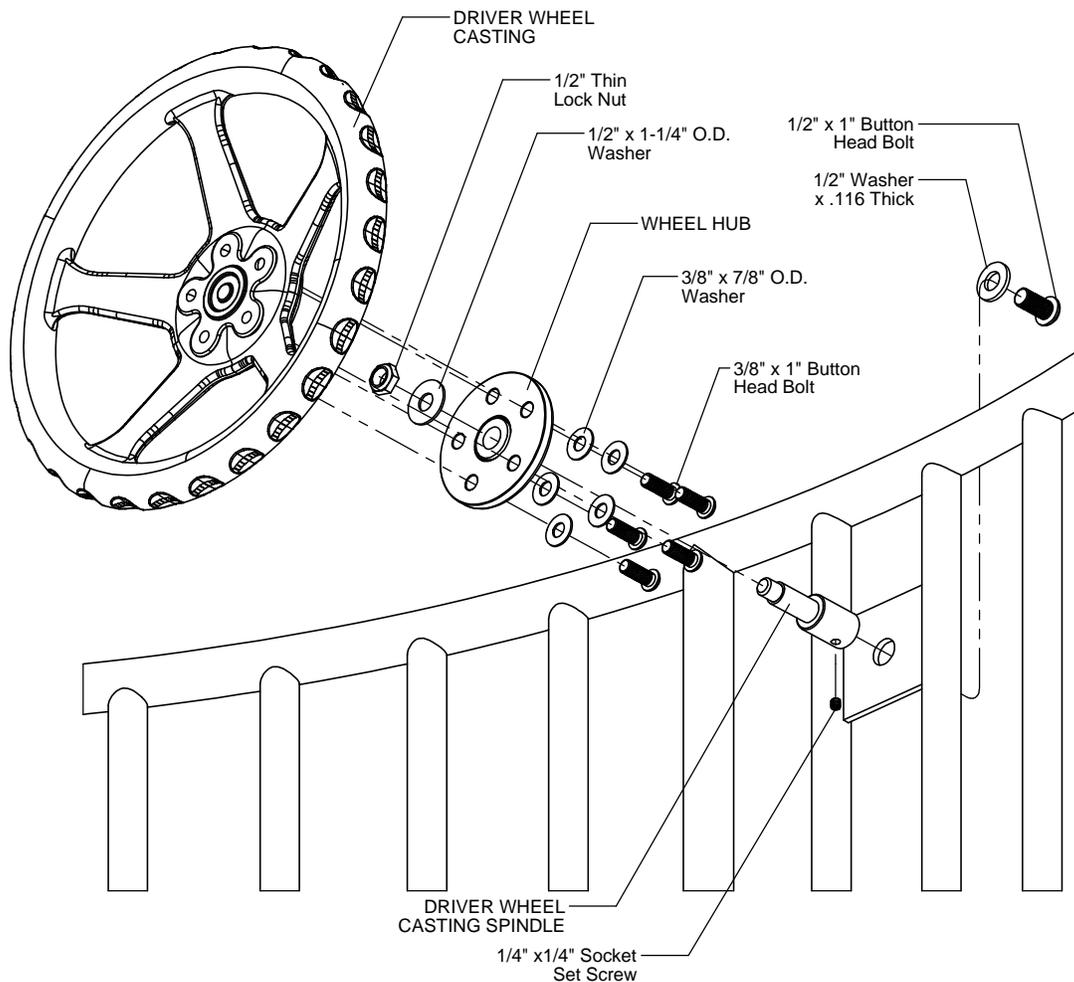


FIGURE 5

Step 5

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

Parts List

TO HDPE PANEL		
Part #	DESCRIPTION	QTY.
GE-4728	Driver Wheel Casting	1
IE-4761	Driver Wheel Casting Spindle	1
451172	Hex Key Wrench 1/8" SA	1
9103052-TR	Bolt Button Head 3/8" x 1"	5
9105082	Bolt Button Head 1/2" x 1-3/4"	1
9261002	1/4" x1/4" Socket Set Screw	1
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
9425002	Nut Lock 1/2" Thin	1

TO STEEL WALL		
Part #	DESCRIPTION	QTY.
GE-4728	Driver Wheel Casting	1
IE-4761	Driver Wheel Casting Spindle	1
451172	Hex Key Wrench 1/8" SA	1
9103052-TR	Bolt Button Head 3/8" x 1"	5
9105052	Bolt Button Head 1/2" x 1"	1
9261002	1/4" x1/4" Socket Set Screw	1
9333042	Washer Flat 3/8" x 7/8" O.D.	5
9335002	Washer Flat 1/2" (.116" thick)	1
9335062	Washer Flat 1/2" x 1-1/4" OD	1
9425002	Nut Lock 1/2" Thin	1

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 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.

SPINDLE:

Shall be machined from Ø 1" stainless steel.

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.

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.

