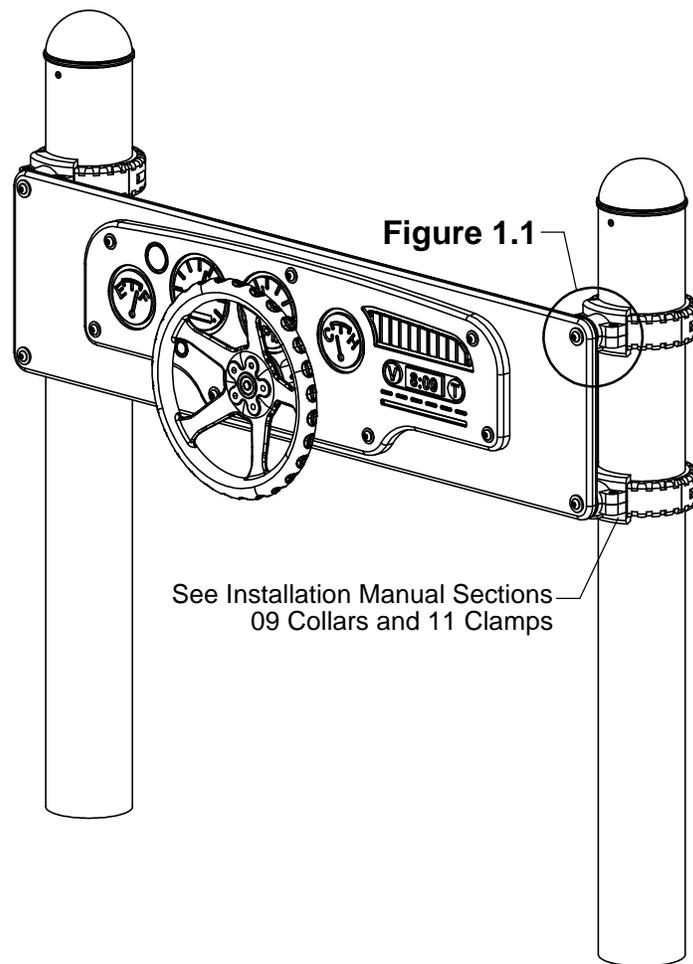


IMPORTANT NOTES: Read First

- (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) Refer to Installation Manual for 09 Collars and 11 Socket Clamps installation instructions.
- (C) All gaps created (e.g. between panels, between panel and deck, between panel and roof, etc.) must be less than 3-1/2" [89mm] or greater than 9" [229mm].
- (D) Clearance between the finish grade and bottom of play equipment (e.g. activity panel, drive wheel, etc.) for ADA compliant activities must be greater than 24" [610mm].
- (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
ADA Driver Panel



NOTE: R5 ADA Driver Panel shown.
R3.5 configuration will vary slightly,
but does not effect assembly.

Step 1

Locate and attach collars at heights given in Elevation View. (See Notes B, C & D)

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

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

Elevation View

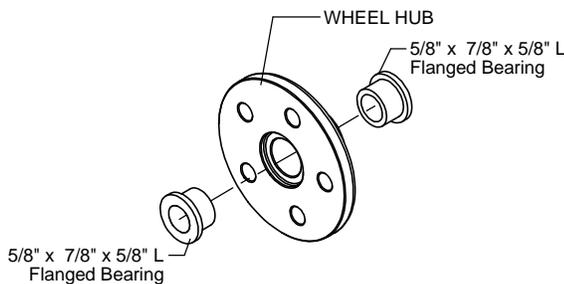
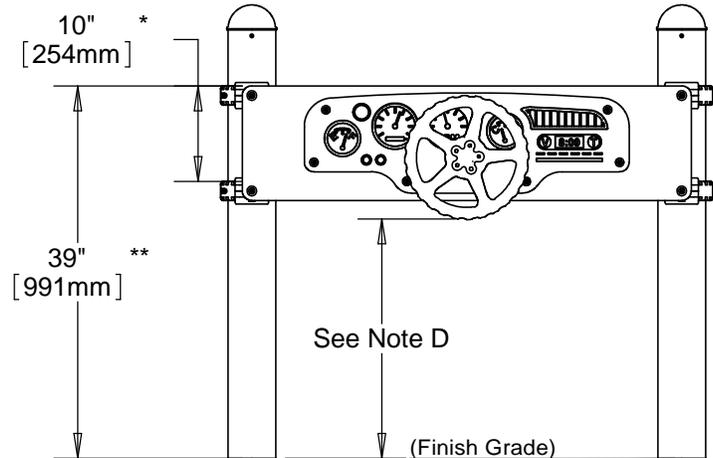


FIGURE 2

Step 2 (Factory Assembled)

Press Bearings into Wheel Hub as shown in Figure 2.

Step 3 (Factory Assembled)

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

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

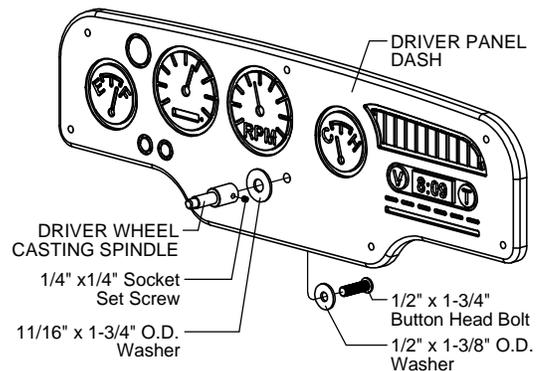


FIGURE 3

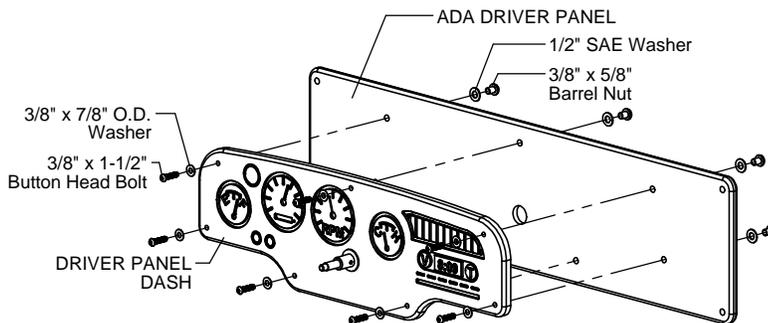


FIGURE 4

Step 4 (Factory Assembled)

Attach Driver Panel Dash to ADA Driver Panel as shown in Figure 4. (See Note A)

Step 5

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

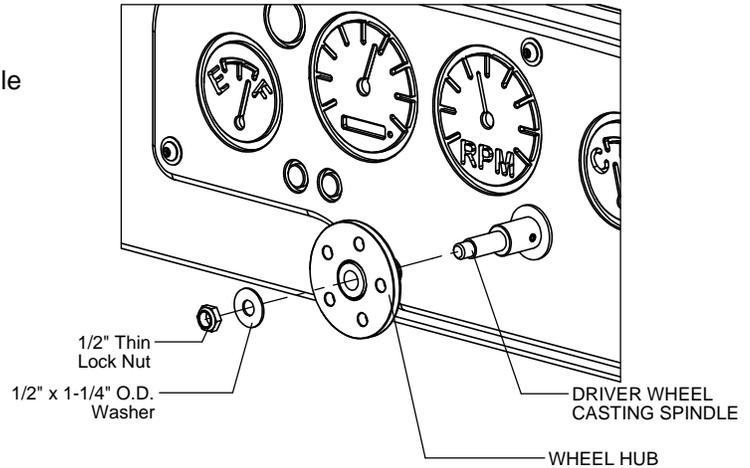


FIGURE 5

Step 6

Attach Driver Wheel Casting to Wheel Hub as shown in Figure 6. (See Note A)

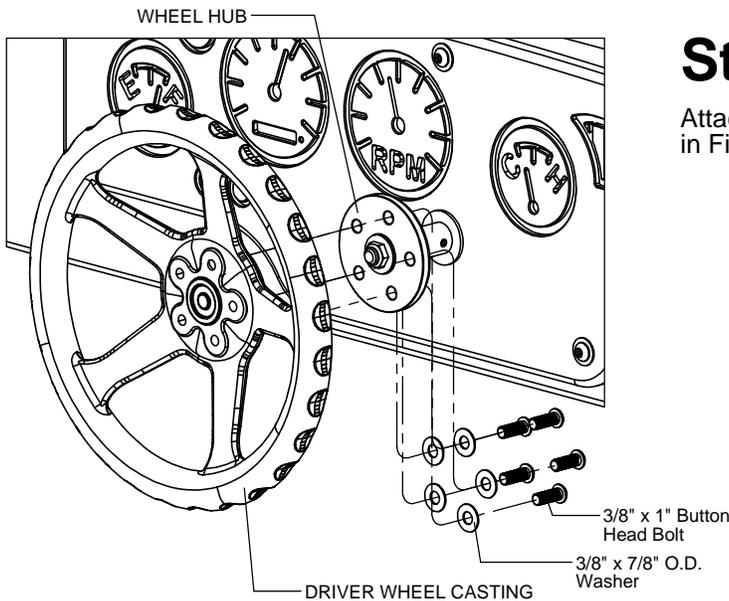


FIGURE 6

Step 7

Attach ADA Driver Panel to collars as shown in Figure 1.1. (See Notes A & B)

Step 8

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

Step 9

Place required protective surfacing under and around ADA Driver Panel Assembly. (See Note E)

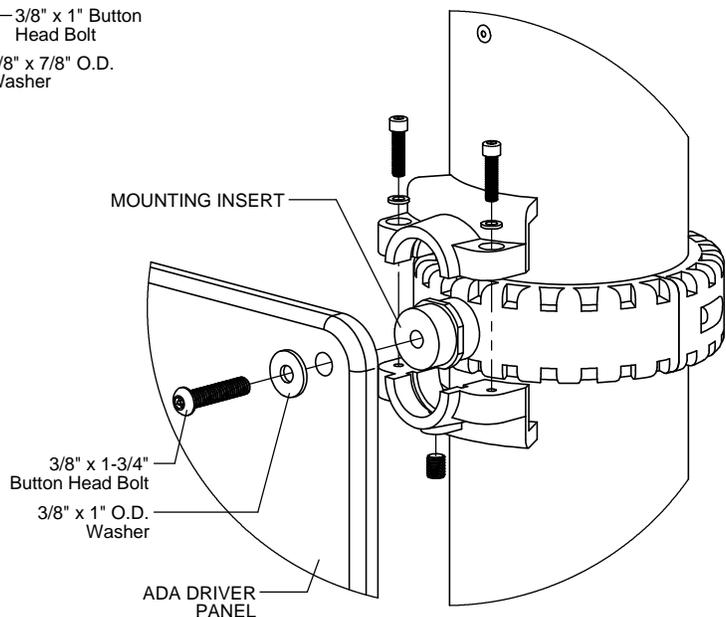


Figure 1.1

Parts List

S-1628-R35		
Part #	DESCRIPTION	QTY
GE-4728	Driver Wheel Casting	1
GE-7015	Mounting Insert	4
HS-1001-R35	Socket Clamp Set R3.5	4
451172	Hex Key Wrench 1/8" SA	1
9103052-TR	Bolt Button Head 3/8" x 1"	5
9103082-TR	Bolt Button Head 3/8" x 1-3/4"	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	4
9333042	Washer Flat 3/8" x 7/8" O.D.	5
9335062	Washer Flat 1/2" x 1-1/4" OD	1
9425002	Nut Lock 1/2" Thin	1

S-1628-R5		
Part #	DESCRIPTION	QTY
GE-4728	Driver Wheel Casting	1
GE-7015	Mounting Insert	4
HS-1001-R5	Socket Clamp Set R5	4
451172	Hex Key Wrench 1/8" SA	1
9103052-TR	Bolt Button Head 3/8" x 1"	5
9103082-TR	Bolt Button Head 3/8" x 1-3/4"	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	4
9333042	Washer Flat 3/8" x 7/8" O.D.	5
9335062	Washer Flat 1/2" x 1-1/4" OD	1
9425002	Nut Lock 1/2" Thin	1

Specifications

ADA DRIVER PANEL:

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

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.

MOUNTING INSERT:

Shall be precision die-cast from a high strength aluminum alloy.

HARDWARE:

Shall be stainless steel, zinc/nickel plated or galvanized as required to resist rust and corrosion.

Assembled Parts List

S-1628-R35		
Part #	DESCRIPTION	QTY
EE-0122	Driver Panel Dash	1
EG-8204	ADA Driver Panel R3.5	1
IE-4662	Wheel Hub	1
IE-4761	Driver Wheel Casting Spindle	1
481058-58	5/8" x 7/8" x 5/8" L Flanged Bearing	2
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	7
9105082	Bolt Button Head 1/2" x 1-3/4"	1
9261002	1/4" x 1/4" Socket Set Screw	1
9333042	Washer Flat 3/8" x 7/8" O.D.	7
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"	7
9443022-TR	Nut Barrel 3/8" x 5/8" BH	7

S-1628-R5		
Part #	DESCRIPTION	QTY
EE-0122	Driver Panel Dash	1
EF-7060	ADA Driver Panel R5	1
IE-4662	Wheel Hub	1
IE-4761	Driver Wheel Casting Spindle	1
481058-58	5/8" x 7/8" x 5/8" L Flanged Bearing	2
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	7
9105082	Bolt Button Head 1/2" x 1-3/4"	1
9261002	1/4" x 1/4" Socket Set Screw	1
9333042	Washer Flat 3/8" x 7/8" O.D.	7
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"	7
9443022-TR	Nut Barrel 3/8" x 5/8" BH	7

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.

