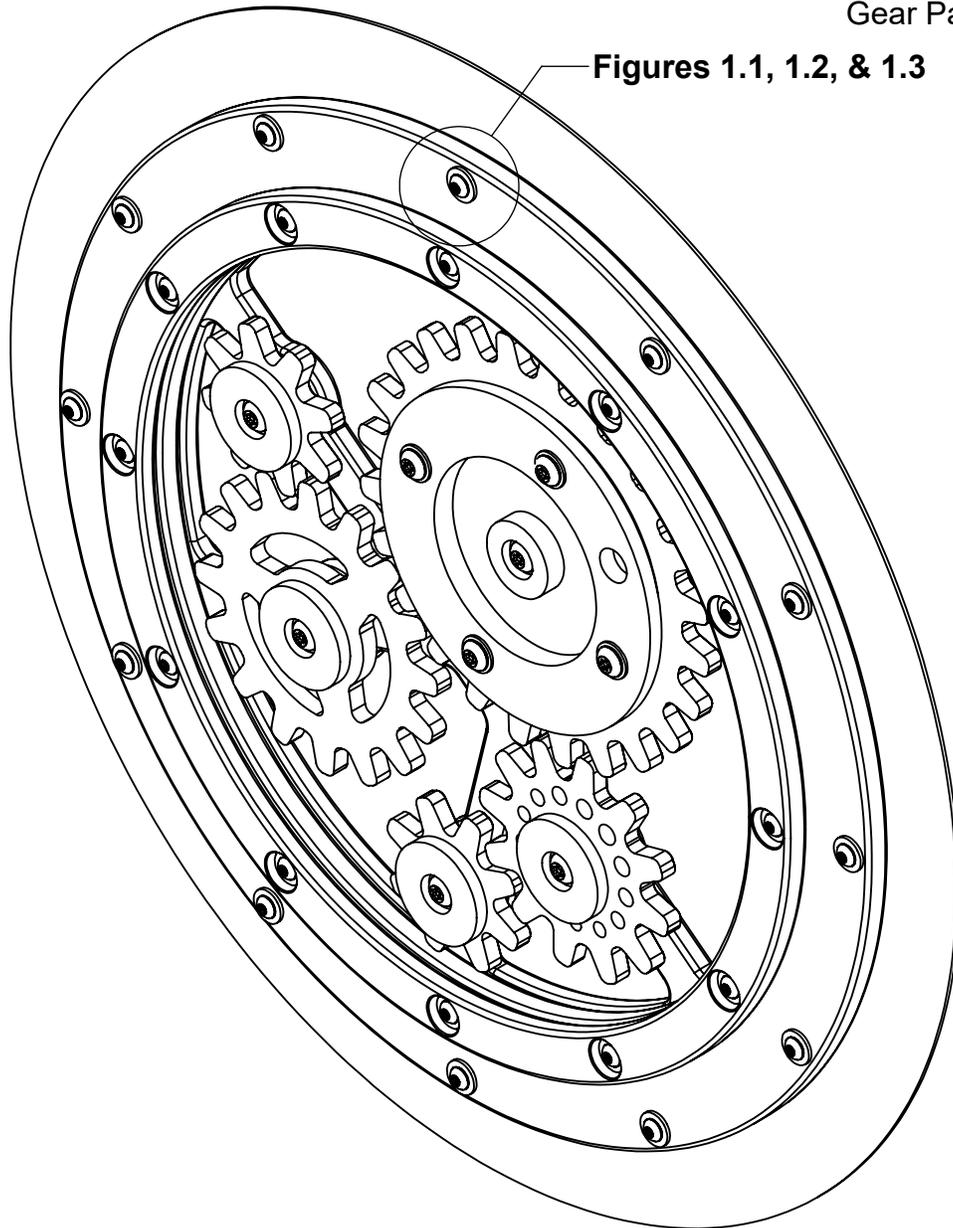


**IMPORTANT NOTES: Read First**

(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**  
Gear Panel Round



**NOTE:** Gear Panel Round to steel panel shown. Other configurations will vary slightly, but does not affect assembly.

## Step 1 (Factory Assembled)

Press Barrel Nuts through Hubs and partially assemble Gears to Window Front as shown in Figure 2. (See Note A)

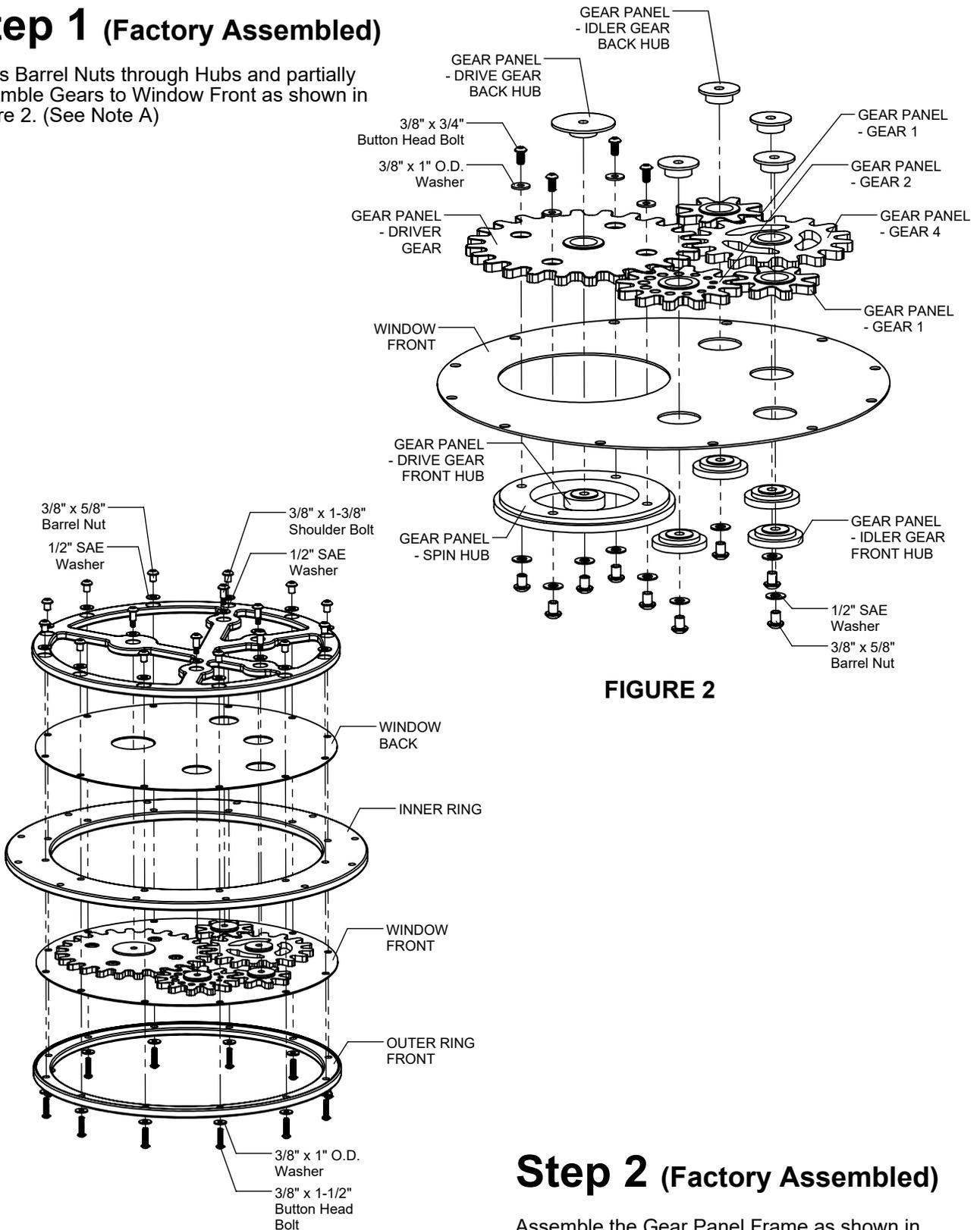


FIGURE 2

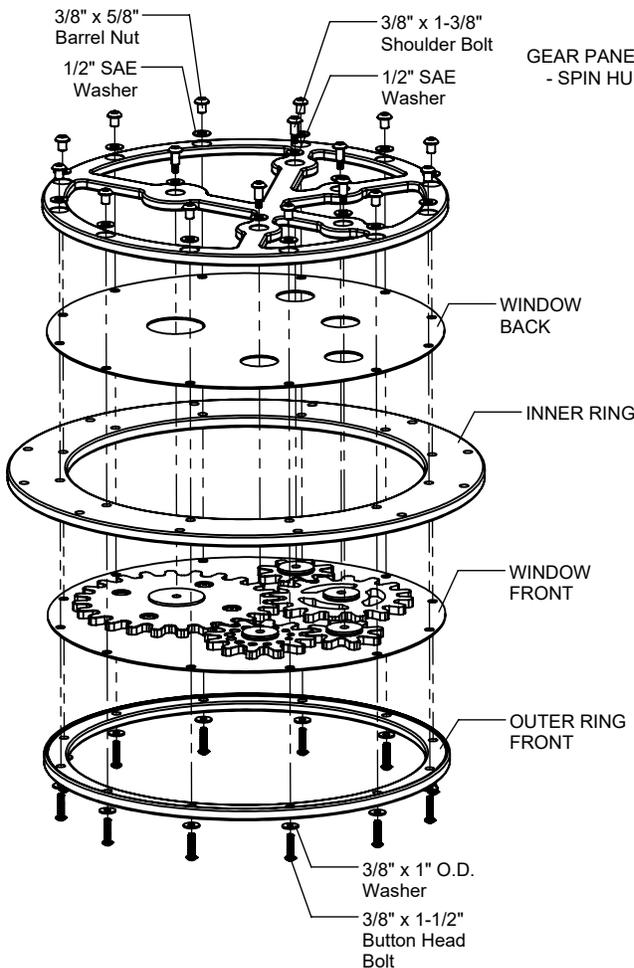


FIGURE 3

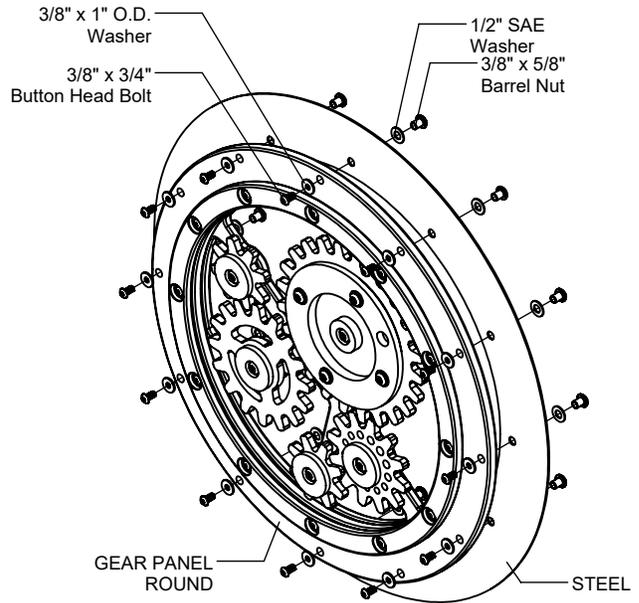
## Step 2 (Factory Assembled)

Assemble the Gear Panel Frame as shown in Figure 3. (See Note A)

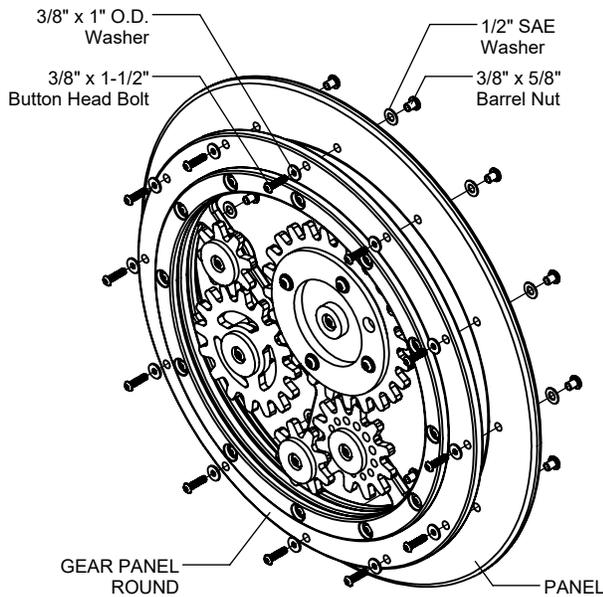
## Step 3a

### For Steel Event Panel Only

Attach Gear Panel Round to Steel Event Panel as shown in Figure 1.1. (See Note A)



**Figure 1.1**

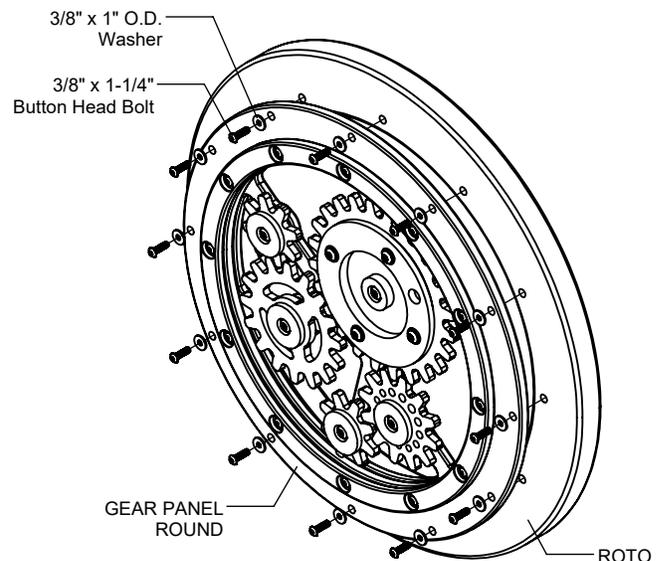


**Figure 1.2**

## Step 3c

### For Roto Event Panel Only

Attach Gear Panel Round to Roto Event Panel as shown in Figure 1.3. (See Note A)



**Figure 1.3**

## Parts List

STEEL MOUNT		
Part #	DESCRIPTION	QTY
9103032-TR	Bolt Button Head 3/8" x 3/4"	12
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	12
9345002	Washer Flat SAE 1/2"	12
9443022-TR	Nut Barrel 3/8" x 5/8" BH	12

HDPE MOUNT		
Part #	DESCRIPTION	QTY
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	12
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	12
9345002	Washer Flat SAE 1/2"	12
9443022-TR	Nut Barrel 3/8" x 5/8" BH	12

ROTO MOUNT		
Part #	DESCRIPTION	QTY
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	12
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	12

## Assembled Parts List

Part #	DESCRIPTION	QTY
EE-0688-IR	Gear Panel Round Inner Ring	1
EE-0688-ORB	Gear Panel Round Outer Ring Back	1
EE-0688-ORF	Gear Panel Round Outer Ring Front	1
EE-0689-WB	Gear Panel Round Window Back	1
EE-0689-WF	Gear Panel Round Window Front	1
EE-8216-DG	Gear Panel - Driver Gear	1
EE-8216-DGBH	Gear Panel - Drive Gear Back Hub	1
EE-8216-DGFH	Gear Panel - Drive Gear Front Hub	1
EE-8216-G1	Gear Panel - Gear 1	2
EE-8216-G2	Gear Panel - Gear 2	1
EE-8216-G4	Gear Panel - Gear 4	1
EE-8216-IGBH	Gear Panel - Idler Gear Back Hub	4
EE-8216-IGFH	Gear Panel - Idler Gear Front Hub	4
EE-8216-SH	Gear Panel - Spin Hub	1
9103032-TR	Bolt Button Head 3/8" x 3/4"	4
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	12
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	5
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	16
9345002	Washer Flat SAE 1/2"	26
9443022-TR	Nut Barrel 3/8" x 5/8" BH	21

## Specifications

### GEAR PANEL COMPONENTS:

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

### GEAR PANEL WINDOWS:

Shall be made from .118 Polycarbonate sheet plastic.

### 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.

