

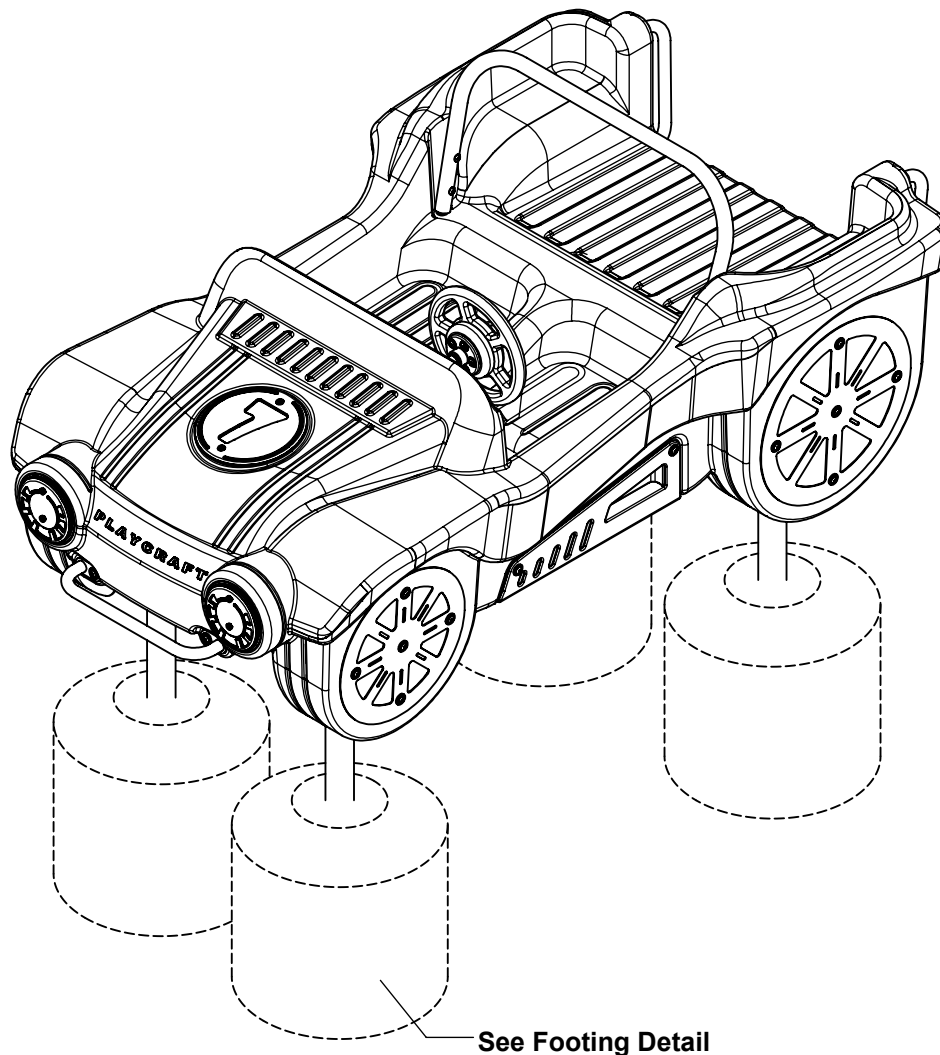
## **IMPORTANT NOTES: Read First**

(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](http://www.cpsc.gov) for the surfacing appropriate for the fall height of the equipment or consult your surfacing supply representative.

**FIGURE 1**  
Beach Buggy



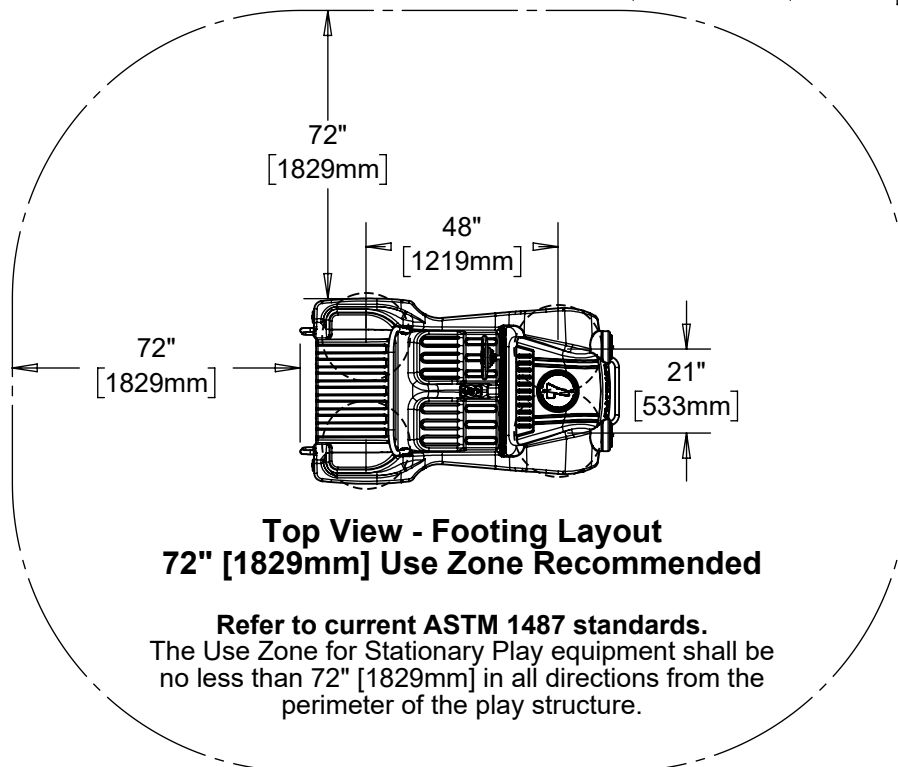
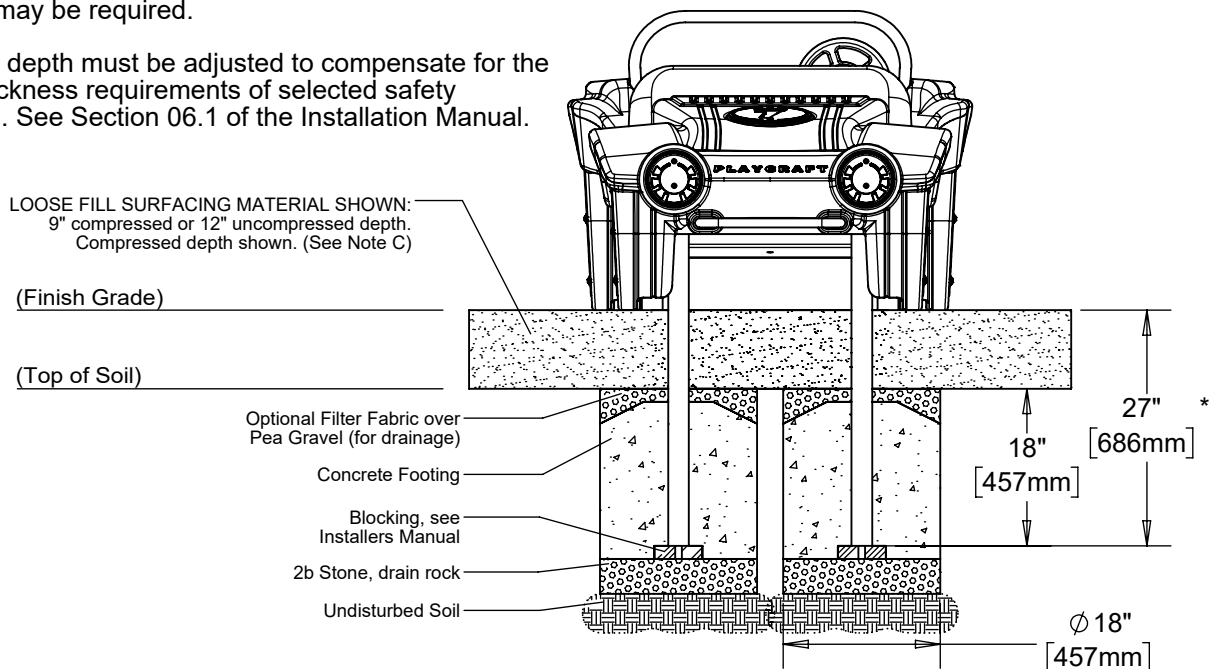
### Step 1

Refer to Footing Layout and mark footing hole locations. Dig (4) Ø 18" footing holes. 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.

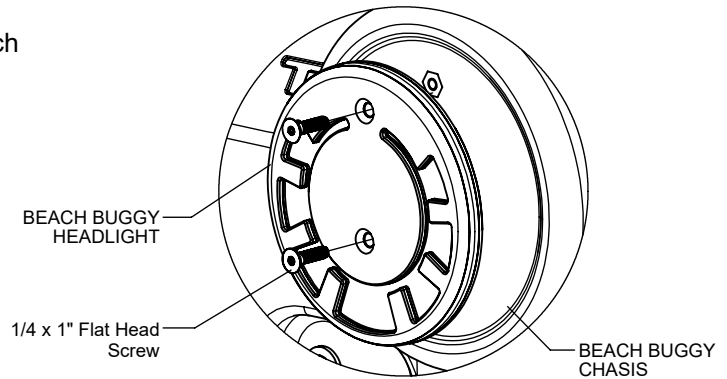
### Footing Detail



## Step 2 (Factory Assembled)

Assemble Beach Buggy Head and Tail Lights to Beach Buggy Chassis as shown in Figure 2. (See Note A)

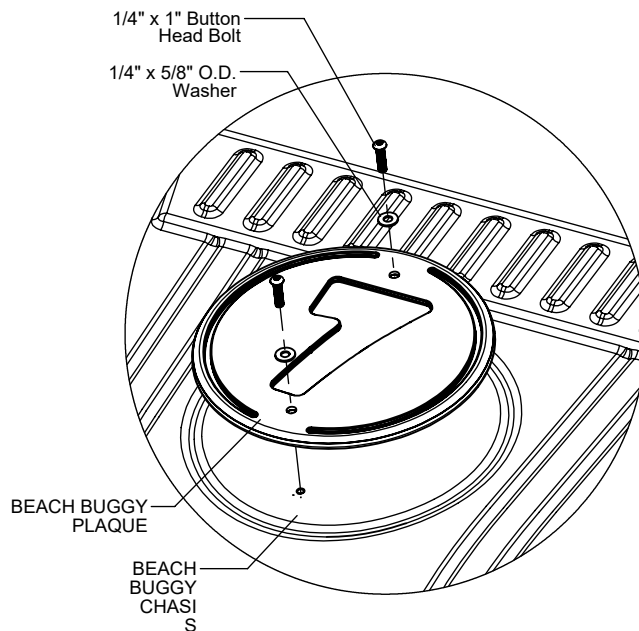
**NOTE:** Beach Buggy Headlight shown.



**FIGURE 2**

## Step 3 (Factory Assembled)

Attach Beach Buggy Plaque to Beach Buggy Chassis as shown in Figure 3. (See Note A)

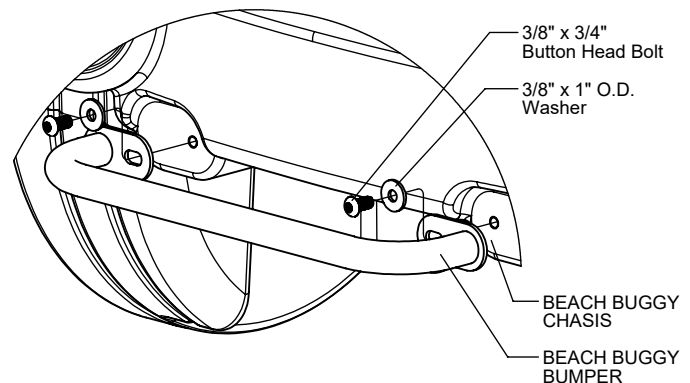


**FIGURE 3**

## Step 4 (Factory Assembled)

Attach Beach Buggy Bumper and Handles to Beach Buggy Chassis as shown in Figure 4. (See Note A)

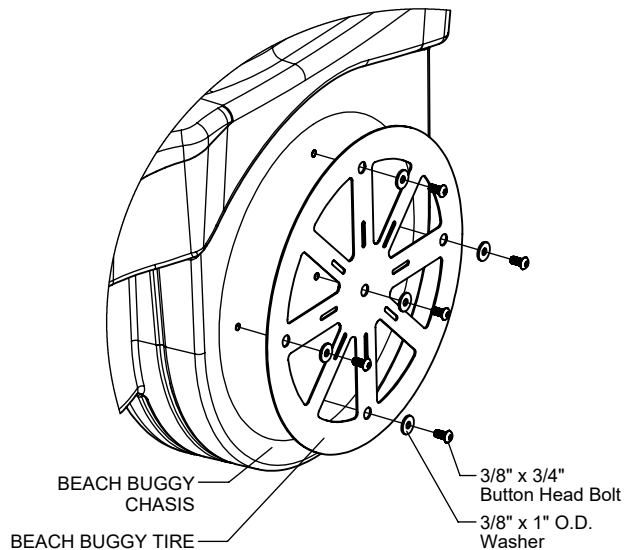
**NOTE:** Beach Buggy Bumper shown.



**FIGURE 4**

## Step 5 (Factory Assembled)

Attach Beach Buggy Tires to Beach Buggy Chassis as shown in Figure 5. (See Note A)

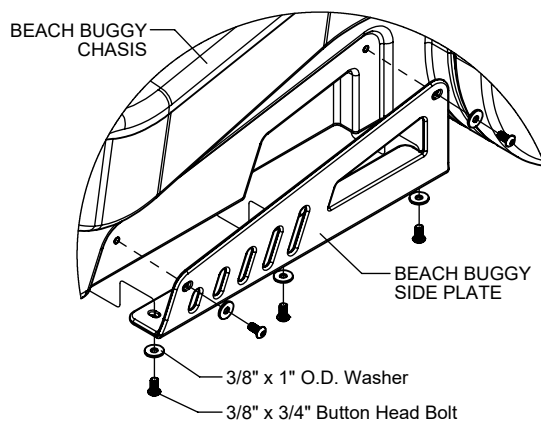


**FIGURE 5**

## Step 6

Attach Beach Buggy Back and Side Plates to Beach Buggy Chassis as shown in Figure 6. (See Note A)

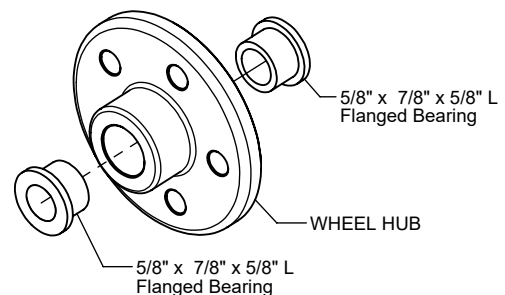
**NOTE:** Beach Buggy Side Plate shown.



**FIGURE 6**

## Step 7 (Factory Assembled)

Press Bearings into Wheel Hub as shown in Figure 7.

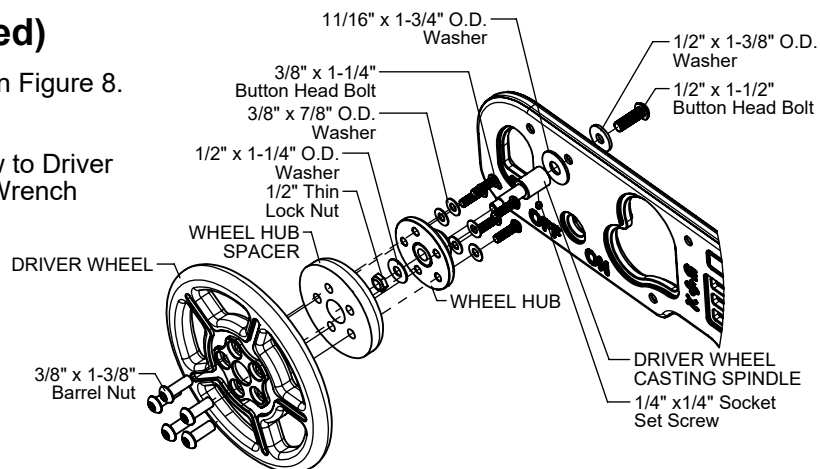


**FIGURE 7**

## Step 8 (Factory Assembled)

Assemble Driver Wheel to Dash as shown in Figure 8.  
(See Note A)

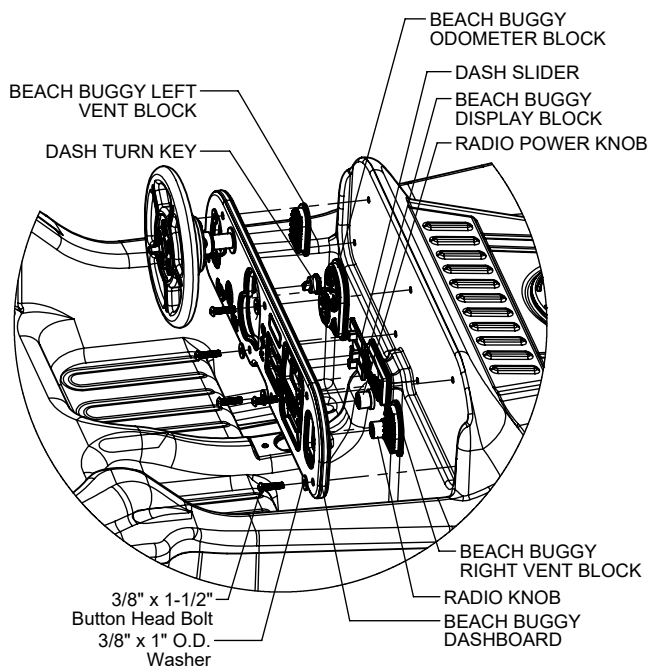
**NOTE:** Secure 1/4" x 1/4" Socket Set Screw to Driver Wheel Casting Spindle using the Hex Key Wrench provided.



**FIGURE 8**

## Step 9 (Factory Assembled)

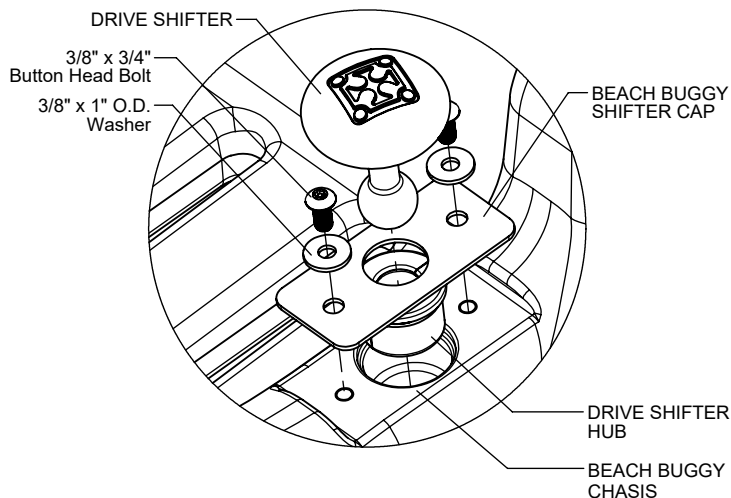
Attach Beach Buggy Dashboard, Blocks, Turn Key, Knobs, and Sliders to Beach Buggy Chasis as shown in Figure 9. (See Note A)



**FIGURE 9**

## Step 10 (Factory Assembled)

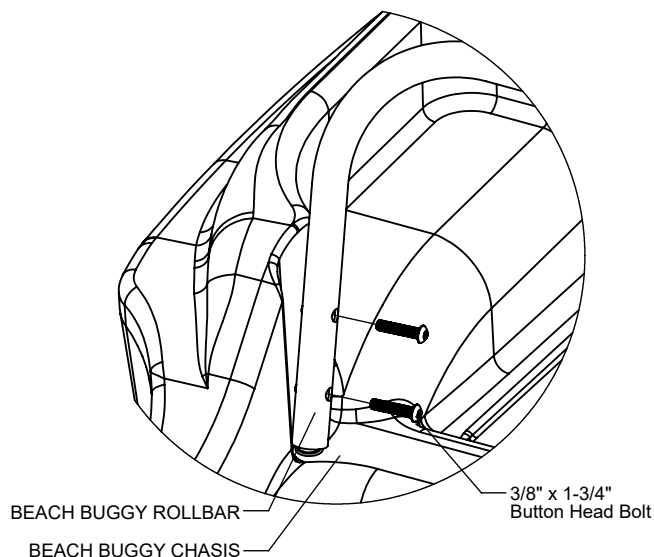
Assemble Drive Shifter to Beach Buggy Chasis as shown in Figure 10. (See Note A)



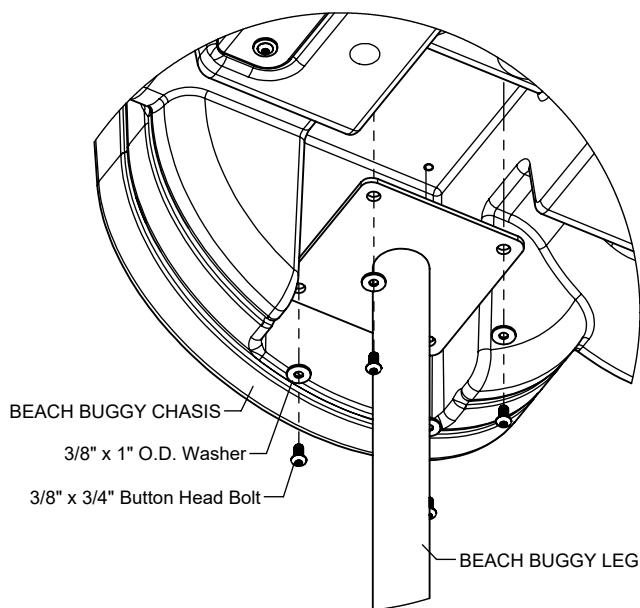
**FIGURE 10**

## Step 11

Attach Beach Buggy Rollbar to Beach Buggy Chassis as shown in Figure 11. (See Note A)



**FIGURE 11**



**FIGURE 12**

## Step 12

Attach Beach Buggy Legs to Beach Buggy Chassis as shown in Figure 12. (See Note A)

## Step 13

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

## Step 14

Place Beach Buggy into footing holes. 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 15

Place required protective surfacing under and around Beach Buggy. (See Note C)

# BEACH BUGGY INSTALLATION INSTRUCTIONS

**PC-1052**  
Page 7 of 8

## Parts List

Part #	DESCRIPTION	QTY.
FS-PC1052-LEG	Beach Buggy Leg	4
LE-0028	Beach Buggy Rollbar	1
451172	Hex Key Wrench 1/8" SA	1
9103032-TR	Bolt Button Head 3/8" x 3/4"	16
9103082-TR	Bolt Button Head 3/8" x 1-3/4"	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	16

## Assembled Parts List

Part #	DESCRIPTION	QTY.
AE-0793	Beach Buggy Front Tire	2
AE-0794	Beach Buggy Back Tire	2
AE-0797	Beach Buggy Shifter Cap	1
BE-0795	Beach Buggy Back Plate	1
BE-0796-L	Beach Buggy Side Plate Left	1
BE-0796-R	Beach Buggy Side Plate Right	1
DE-0074	Beach Buggy Chasis	1
EE-0156-H	Solid Driver Wheel Hub	1
EE-0334	11" Driver Wheel	1
EE-0475	Beach Buggy Dashboard	1
EE-0476-DSP	Beach Buggy Display Block	1
EE-0476-LVT	Beach Buggy Left Vent Block	1
EE-0476-ODO	Beach Buggy Odometer Block	1
EE-0476-RVT	Beach Buggy Right Vent Block	1
EE-0477	Beach Buggy Headlight	2
EE-0478	Beach Buggy Backlight	2
EE-0479	Beach Buggy Plaque	1
EE-0480-DS	Dash Slider	3
EE-0480-DTK	Dash Turn Key	1
EE-0480-RK	Radio Knob	1
EE-0480-RPK	Radio Power Knob	1
FS-PC1052-BMP	Beach Buggy Bumper	1
FS-PC1052-HND	Beach Buggy Handle	2
IE-0086	Drive Shifter	1
IE-0087	Drive Shifter Hub	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
9101052-TR	Bolt Button Head 1/4" x 1"	2
9103032-TR	Bolt Button Head 3/8" x 3/4"	34
9103052-TR	Bolt Button Head 3/8" x 1"	8
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	5
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	7
9105072	Bolt Button Head 1/2" x 1-1/2"	1
9211052-TR	1/4-20 x 1" Flat Head Screw SS	8
9261002	1/4" x 1/4" Socket Set Screw	1
9331002	1/4" x 5/8" x .051 Washer	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	49
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
9443062-TR	Nut Barrel 3/8" x 1-3/8" BH	5



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**Rev A**  
6/27/2019

## Specifications

### **BEACH BUGGY BUMPER & HANDLES:**

Shall be fabricated using 1.029" O.D. 14 gauge steel tubing with welded 1/4" thick steel mounting plates. The Beach Buggy Bumper and Handles shall have a multi-stage baked-on powder coat finish.

### **BEACH BUGGY ROLL BAR:**

Shall be fabricated using 1.029" O.D. 14 gauge steel tubing. The Beach Buggy Roll Bar shall have a multi-stage baked-on powder coat finish.

### **BEACH BUGGY BACK & SIDE PLATES:**

Shall be made from punched, formed, and welded 12 gauge sheet steel. The Beach Buggy Back and Side Plates shall be Play-Tuff™ coated after fabrication.

### **BEACH BUGGY TIRES:**

Shall be made from precision cut 14 gauge sheet steel. The Beach Buggy Tires shall have a multi-stage baked-on powder coat finish.

### **BEACH BUGGY SHIFTER HUB:**

Shall be made from Ultra High Molecular Weight Polyethylene for lasting durability and minimal rotational resistance.

### **BEACH BUGGY LEG:**

Shall be fabricated using 2.375" O.D. 11 gauge steel tubing with welded 1/4" thick steel mounting plate. The Beach Buggy Leg shall have a multi-stage baked-on powder coat finish.

### **BEACH BUGGY PLASTIC SET:**

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

### **BEACH BUGGY CHASIS:**

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

### **DRIVER WHEEL HUB & 11 INCH DRIVER WHEEL:**

Shall be made from high density 1" sheet plastic specially formulated for optimum UV stability and color retention.

### **WHEEL HUB & DRIVE SHIFTER:**

Shall be machined from high strength aluminum alloy. The Wheel Hub and Drive Shifter shall have a multi-stage 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.