

# SEGA SERVICE

## Field Service Bulletin Pod Racer Mini Deluxe Speed Lever and Brake Lever Update

**Problem:** Some of the original parts used in the building of the Pod Racer Mini Deluxe Controls cause too much unwanted movement, and other related tolerance issues. Irratic player control may result.

**Solution:** Replace the parts in your Brake and Speed Control Assemblies supplied in this update kit.

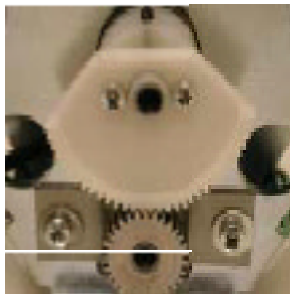
Parts Included in Kit are:

2ea Flange Bearings----- (Sega Part Number 100-5160 / For Brake Lever Assy)

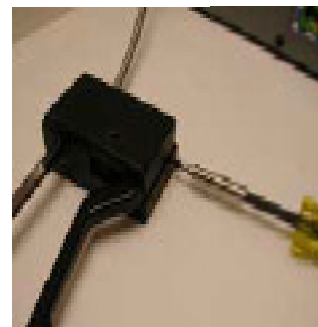
1ea Micro Switch----- (Sega Part Number 999-1028 / For Brake Lever Assy)

2ea 5k Potentiometers----- (Sega Part Number 999-0942 / 1 per Speed Lever Assy)

2ea Adjust Gears (Plastic)----- (Sega Part Number 999-1022 / 1 per Speed Lever Assy)



**Part One (Speed Lever Assy)**



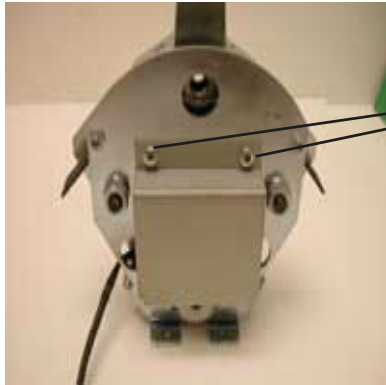
**Part Two (Brake Lever Assy)**

If you have any questions or need further assistance, contact your Authorized Sega Distributor or Sega Technical Services at (415) 701-6580 M-F 7:30am to 4:00pm PST.

# Changing The Adjust Gear & Potentiometer

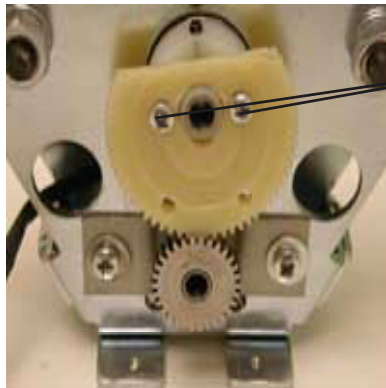
It is best to remove Speed Levers from the Control Panel before performing this update

## Step One



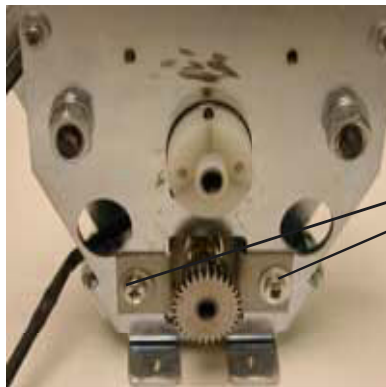
Remove These 2 Screws.  
Remove Cover Plate.

## Step Two



Remove These 2 Screws and Remove  
Plastic Gear.

## Step Three



Remove These 2 Screws and Remove  
Pontiometer Bracket

Replace Potentiometer with one pro-  
vided. Reinstall bracket after new  
Potentiometer installed.

Plastic Gear Removed

## Step Four

Install new gear  
& match up to  
Potentiometer  
Gear



Be sure to adjust proper gear meshing, and  
secure all hardware. Be sure that Potentiometer  
is in the physical Center Position before gears  
are mated, and hardware secured.

Correct Gear Installed

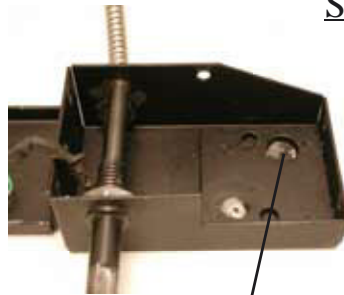
# Brake Lever Modification Procedure

## Step One

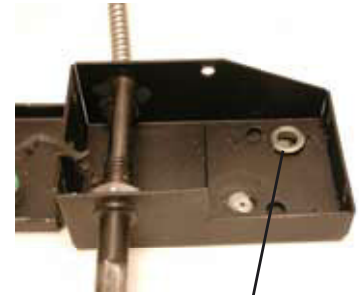


Remove the 5ea Tamper Proof Screws, and open the cover. (Around the covers edge.)

## Step Two



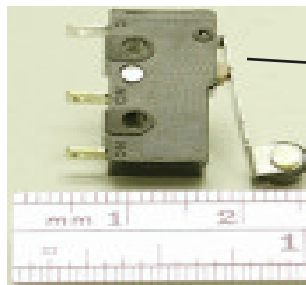
Location to install bearing supplied with Kit.



Bearing installed in the Bottom Plate

## Step Three

Replace Micro Switch with one provided in kit on Upper Bracket



## Step Four



Proper positioning of Torsion Spring on Brake Lever

## Step Five

(Second Bearing goes here)



Place end of Torsion Spring here and rotate to load the spring.



Lever in proper position when Spring is properly loaded.

## Step Six



Carefully replace Top Cover. Hold lever as shown and Guide cover onto the assembly. Secure with the Tamper Proof Screws removed in the first step.