



## Tech Bulletin: GeneSys Orbital Roller Replacement

9/4/2020

This guide will explain the process of upgrading/replacing the rollers on the GeneSys Orbital machine. This upgrade will reduce vibration in the machine and dampen deck noise.

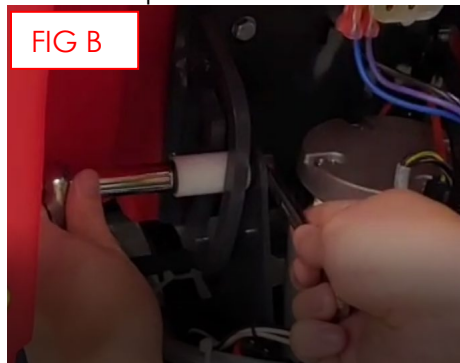
### Tools Required:

1. 1/2" Wrench – 1x
2. 1/2" Socket – 1x
3. Ratchet – 1x



### Step 1: Remove the Old Rollers

1. Put the machine into Down Pressure 1 (60lb light pressure).
2. Remove the front solution tank cover.
3. Using the wrench and ratchet, remove the bolt that is holding the roller on (FIG B). Discard the removed parts.



### Step 2: Install the New Rollers

1. Ensure that the parts match the image shown (FIG C).





## Tech Bulletin: GeneSys Orbital Roller Replacement

9/4/2020

2. Remove the nut and small washer and then insert the bolt through the guide bracket and into the roller bracket (**FIG D**).
3. Reinstall the washer and then the nut onto the bolt using the ratchet and wrench (**FIG E**).



### Step 3: Install Pivot Arm Washers

1. Using the wrench and ratchet, remove the pivot arm bolt, washer, and nut (**FIG F**).
2. Insert the supplied plastic washer between the pivot arm and the deck bracket (**FIG G**) ensuring that the bushing is going through the washer.
3. Reinstall the bolt, washer, and nut.



4. Repeat 1-3 on the other pivot arm. Note that if there is not enough space for the second washer to go between the deck and the pivot arm, it can be installed between the pivot arm and metal washer (**FIG H**). Ensure that the bushing is going through the washer.

