

Base Plate Assembly Repair Kit

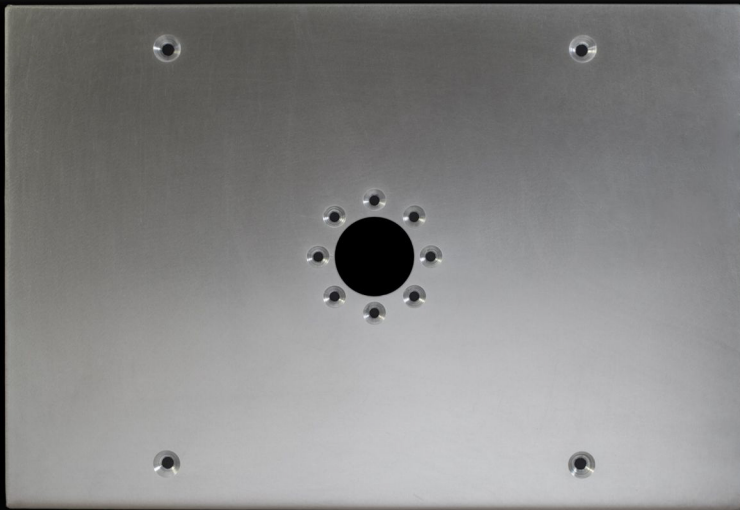
Eccentric Assembly Repair Kit (w/o base plate)

What You Will Need

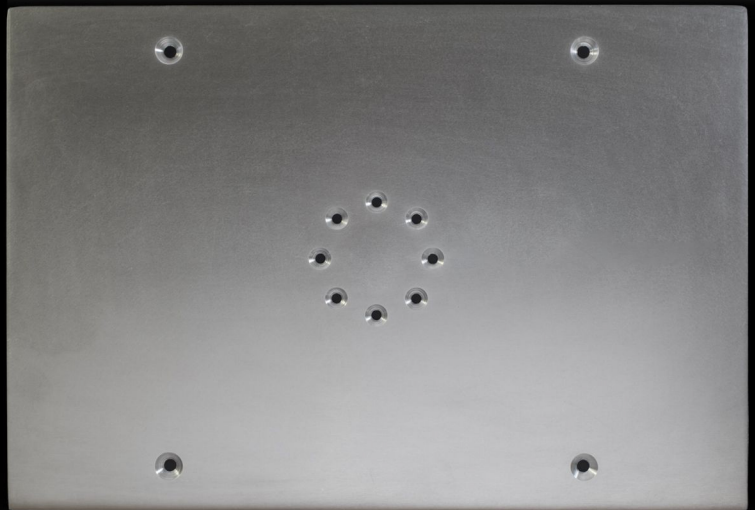
- ☐ Eccentric Assembly
Repair Kit
- ☐ Impact Driver

- ☐ 7/16" Socket
- ☐ 5/32" Allen Wrench
- ☐ 1/2" Socket

**OLD ALUMINUM DRIVER PLATE
WITH THROUGH HOLE**



**NEW ALUMINUM DRIVER PLATE
WITHOUT THROUGH HOLE**



**THE NEW ALUMINUM DRIVER PLATE PREVENTS LIQUID CONTAMINANTS
FROM ACCESSING THE ECCENTRIC BEARING SYSTEM.**

Be sure you have all of the pieces to install your Eccentric Assembly Repair Kit.

Items included should be:

Included, but not pictured: Anti-Seize .04oz
100% Silicone 2.8oz
Loctite

1. Aluminum driver plate.

5. Isolators with spacers (4)

6. Isolator Bolts (4)

2. Motor shaft
spacer.

7. New eccentric
assembly.

3. 1/4-28 motor
shaft cap bolt.

8. Crush Washer.

4. Bearing
Bolts (8).

9. Eccentric
assembly key.

10. White grip face.



***28" kits will include 4 additional Isolators, spacers, & bolts.**

Square Scrub recommends watching the Eccentric Assembly Repair Kit Video before proceeding.

www.squarescrub.com/how-to-videos.html

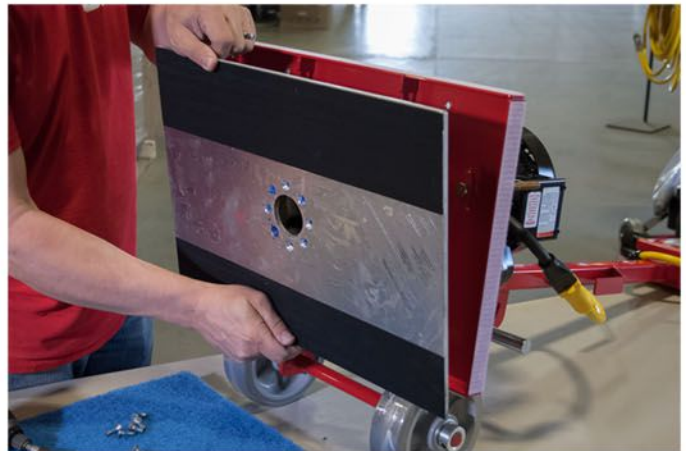
Step 1 - First, remove machine weights. Using a 1/2" socket, remove the four isolator nuts.



Step 2 - Lay the machine back, and remove the blue pad.
- Remove the center piece of velcro for access to center area of the plate.
- Using a 5/32" allen wrench, remove the 8 bearing bolts.



Step 3 - Remove the aluminum plate.



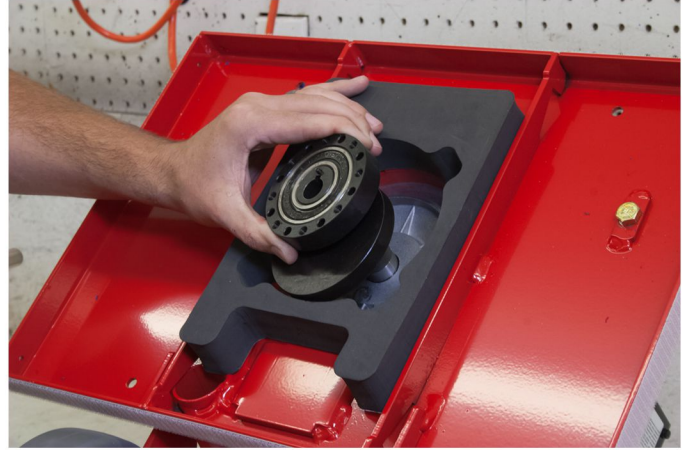
Step 4 - Using a 7/16" socket, remove the cap bolt from the motor shaft.



Step 5 - Remove the crush washer from the bearing.



Step 6 - Remove bearing from the motor shaft. May require a two-jawed pulley puller.



Step 7 - Remove the motor shaft spacer, and replace it with the new spacer included in the eccentric assembly repair kit.

- Apply silicone on top & bottom of spacer
- Do not reuse old motor shaft spacer.



Step 8 - Apply a thin layer of anti-seize to the motor shaft.



Step 9 - Install the new eccentric assembly onto the motor shaft.

- Line up key notches on the motor shaft and bearing to insert key.



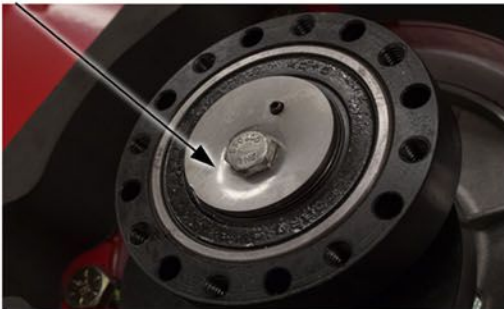
Step 10 - Run a bead of 100% silicone on the surface of the bearing cup.

- Install new motor shaft crush washer, and 1/4-28 cap bolt.



Step 11 - Using an impact driver, tighten the cap bolt until the crush washer becomes recessed.

*Once recessed, cap bolt clearance must be less than 3/16" from the bearing surface.



Step 12 - Install Isolators

- Thread the isolator bolts through the bottom of the driver plate.
- Place isolator spacers as shown here.



Step 13 - Install Isolators

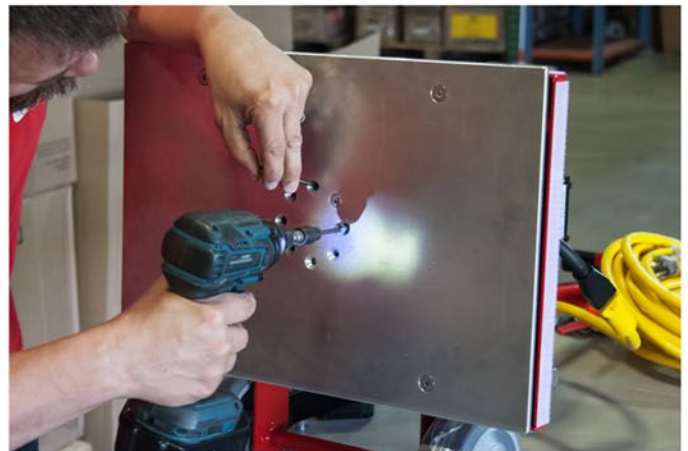
- Apply a small amount of the included Loctite onto the isolator bolt.
- While holding the isolator, tighten with a 3/16 allen wrench.



*** The 28" kit will include 4 additional isolators, spacers, & bolts.**

Step 14 - Install aluminum driver plate.

- Using a small screwdriver, align the aluminum plate holes with bolt holes on the eccentric assembly.
- Tighten the 8 bearing bolts.



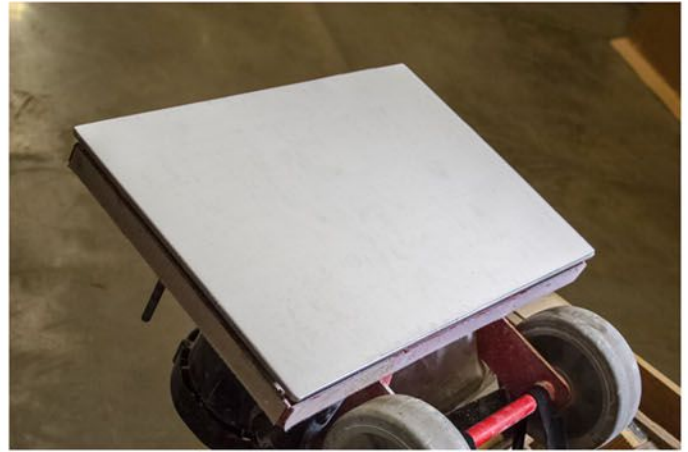
Step 15 - Set machine upright, and tighten isolator nuts.

- With weights on and a blue driver pad, ensure machine is functioning properly.



Step 16 - Install new white grip face.

- For detailed information on installing the new white grip face visit the links below.



Detailed White Grip Face Instructions - PDF

www.squarescrub.com/assets/white-grip-face-replacement.pdf

Detailed White Grip Face Instructions - Video

www.squarescrub.com/how-to-videos.html

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