

FSIP Performance Motor Replacement Brush Kit

Installation Instructions

PN: 221-20-001906

1. Locate the latch on the brush cover plate.
2. Release the latch and remove the cover.



3. Loosen the 2 (10MM) bolts as seen below. These bolts are clamping the spade terminals that are attached to the brush.

****DO NOT COMPLETELY REMOVE THE BOLTS.****

**** IF BOLT REPLACEMENT IS NECESSARY, REMOVE ONLY ONE BOLT AT A TIME. FAILURE TO DO SO MAY RESULT IN THE THREADED BACKING PLATE TO FALL INTO THE MOTOR. ****

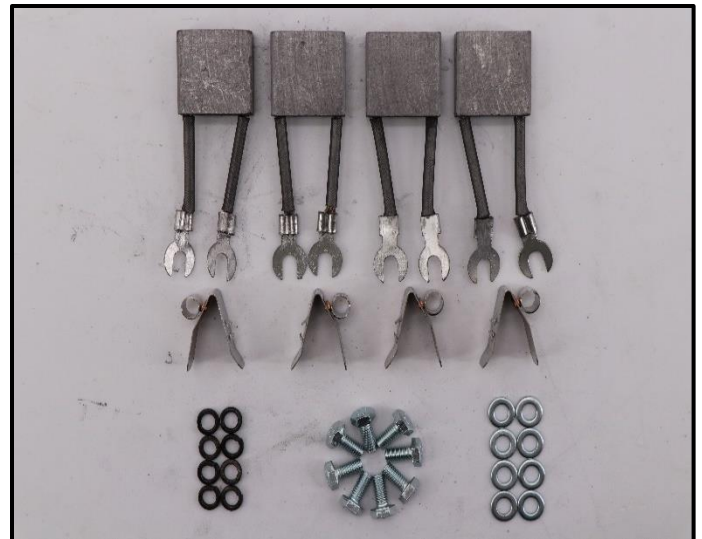


Tools Needed:

Needle Nose Pliers
10mm Socket Wrench
and appropriate driver

Items in Kit

4 - Brushes
4 - Spring Clips
8 - Flat washers
8 - Lock Washers
8 - 10MM Bolts



4. Using a set of needle nose pliers, slide the terminals off of the bolts.
5. Gently pull the brush out of its location.



6. Using pliers, remove the spring clip by squeezing the clip as shown.



7. Place a new brush on a flat surface and locate the spring clamp as shown.



8. Gently slide the combination of spring and brush into the location from which it was removed.



9. Slide the terminals under the bolts making sure that the terminals are under the supplied washers.



10. Torque bolts to 40 inch-lbs.

11. Repeat steps 3 through 10 for each set of brushes until all brushes have been replaced.

12. Replace the cover and latch.