

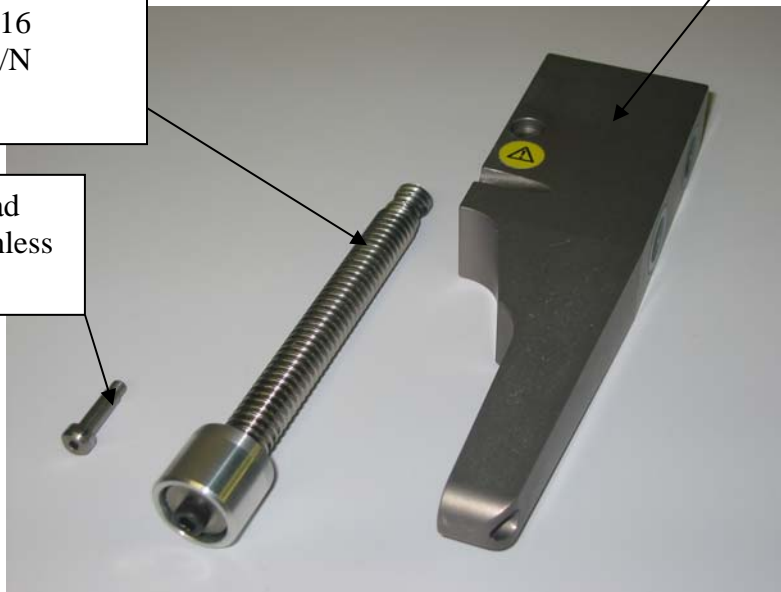
**11190539 6E-6ES-6EM-6EL-7E– Replacement of the Clamp Arm and Lead Screw Assembly (3/16 Shoulder Screw)**

**Contents of the Kit**

Lead Screw Assy, Electric Chuck, 5.085 L, 3/16 Shoulder Screw (P/N 90538)

3/16 x 5/8 Socket Head Shoulder Screw, Stainless (P/N 22100481)

Clamp Arm w/Bushings, for 3/16 Shoulder Screw (P/N 28374)



**NOTE**

This procedure is the same for any 6E edger and for 7E edgers with an electric chuck.

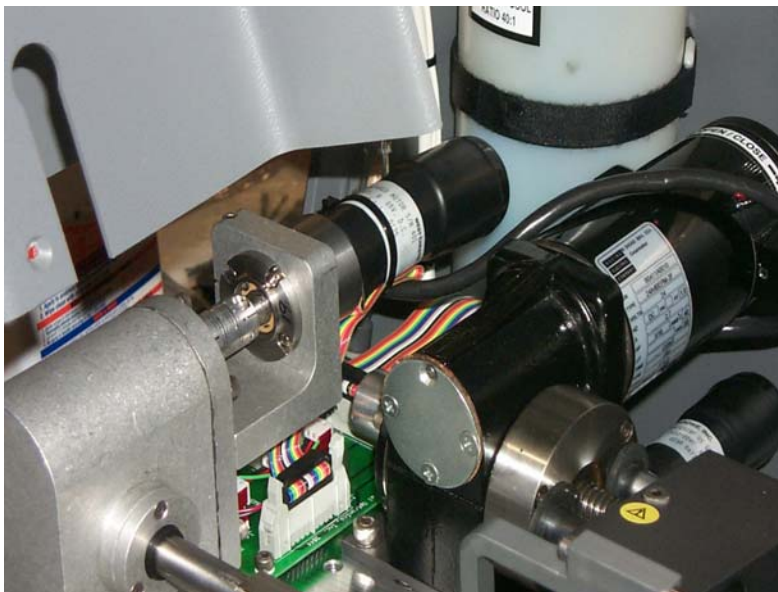
**Part 1: Remove the old clamp arm and lead screw assembly**

1. Turn off the power switch on the edger.
2. Using a 3/32-inch hex wrench, remove the #8-32 screws holding the motor cover in place.

**NOTE:** Depending on the age of the machine, there may be 3 or 4 screws – remove all of them.



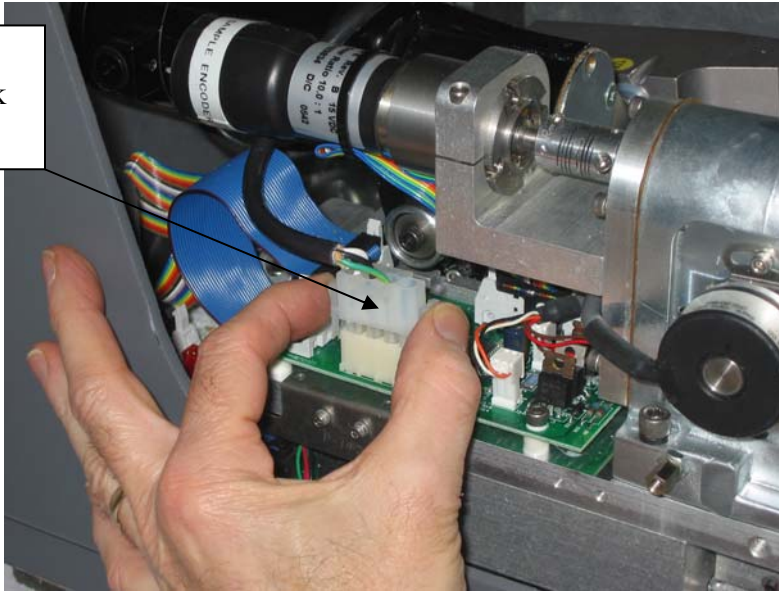
3. Remove the motor cover.



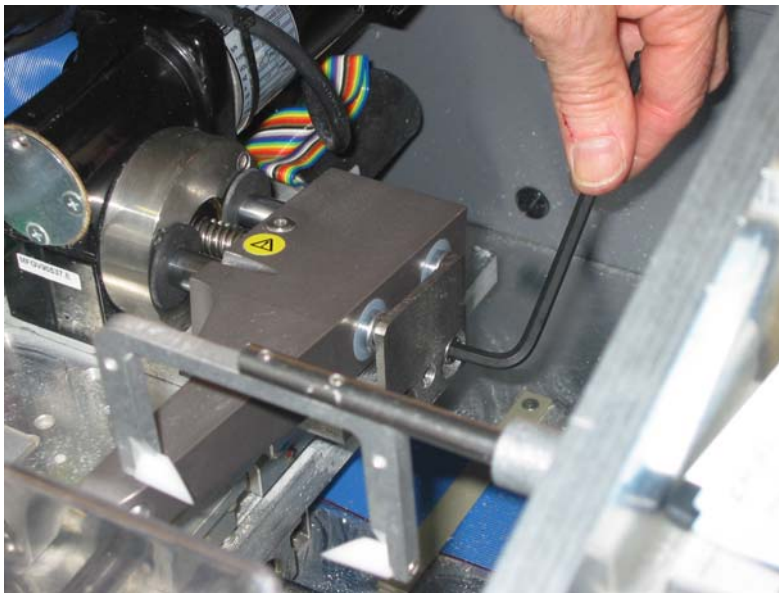
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4. Unplug the chuck motor to gain access to the lead screw.

Unplug this connector to unplug the electric chuck motor.



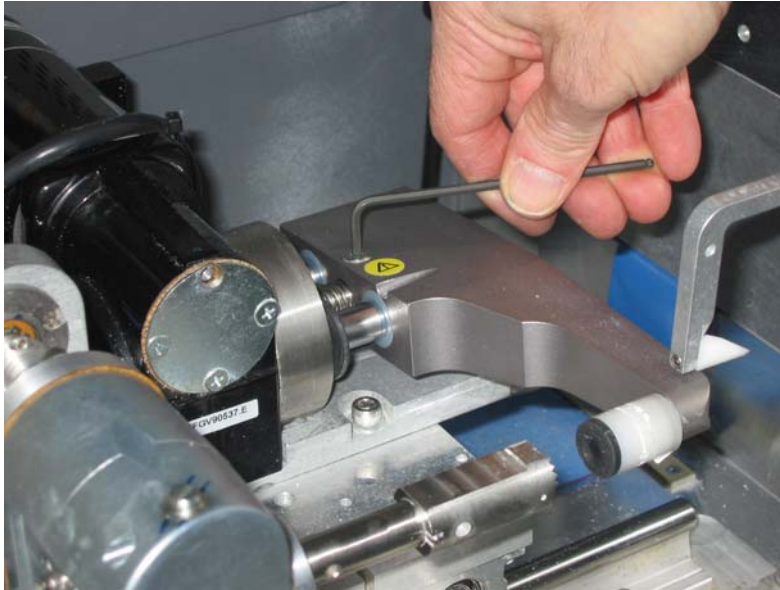
5. Using a 3/16 hex wrench, remove the two 1/4-20 screws and lock washers holding the electric chuck stabilizer plate in place. Remove the stabilizer plate. If it cannot be slipped easily out of the clamp arm guide rods, do not force it. It will be able to be removed more easily during step 7.



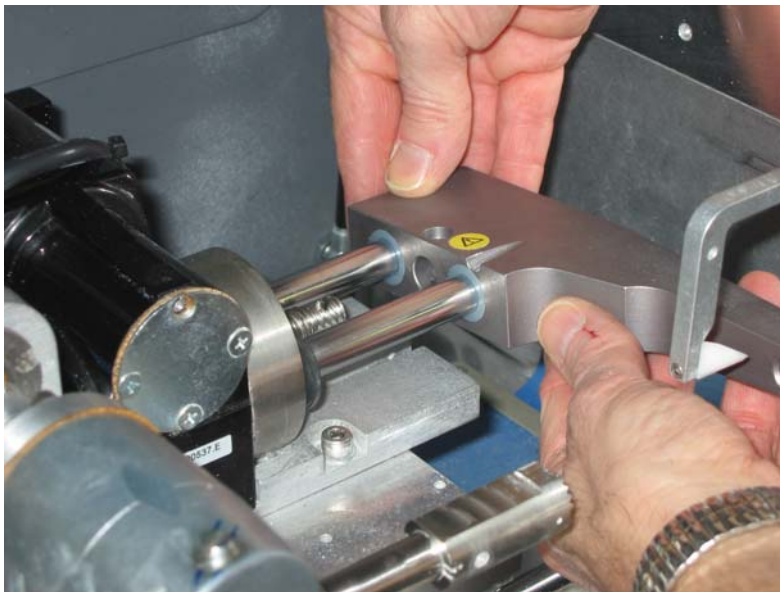
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6. Using a 1/8 hex wrench, remove the 10-24 shoulder screw that connects the lead screw to the clamp arm. Discard the old shoulder screw.



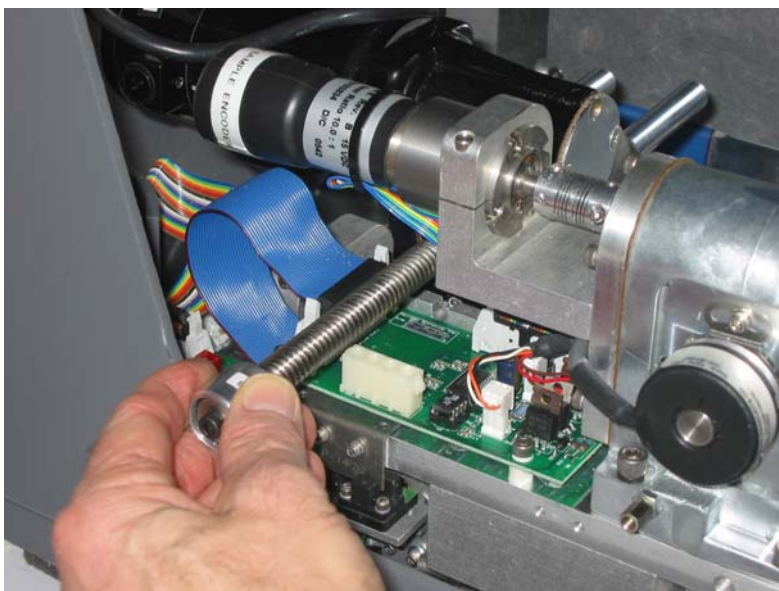
7. Slide the clamp arm to the right to remove it from the electric chuck assembly. If the stabilizer plate did not come off in Step 5, the clamp arm will push it off evenly. Remove the right side clamp for reuse. Discard the old clamp arm.



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8. Remove the lead screw assembly by unscrewing it from the electric chuck motor. A hex wrench may need to be inserted into the shoulder screw hole for leverage to get the screw loosened (or a 5/32 hex wrench may be used at the left hand end of the lead screw). Wipe off any excess grease and/or lens debris from the lead screw area on both sides of the motor. Discard the old lead screw assembly.



### ***Part 2: Install the new clamp arm and lead screw assembly***

1. Slide the new clamp arm onto the chuck motor rods. Reinstall the right side clamp in the clamp arm.
2. Replace the electric chuck stabilizer plate, making sure that its posts fit into the chuck guide rods and that the plate is not “cocked” but sits flat against the chuck assembly mounting plate. Reinstall the two 1/4-20 screws and lock washers and tighten securely.
3. Install the new lead screw assembly in the same manner in which you removed the old one. Screw it in as far as it will go easily.
4. Connect the new clamp arm and lead screw assembly together with the 8-32 shoulder screw. You may need to rotate the lead screw slightly and slide the clamp arm a bit to get the screw holes to line up with each other. Tighten the shoulder screw securely, using a 3/32 hex wrench.
5. Reattach the electrical connector that was disconnected in Step 4.
6. Reinstall the motor cover and screws that were removed in Steps 2 and 3.

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