

POWER CORD REPLACEMENT

BEFORE YOU START BE SURE YOUR MARK V IS NOT PLUGGED IN!!!

1. You must first remove the motor pan assembly from your Mark V:
 - a. Set speed dial to fast setting.
 - b. Raise headstock to the drill press position and lock in place.
 - c. Remove screws from belt cover. Raise cover and tape or tie cover to way tube tie bar.
 - d. Remove drive belt from the motor sheave.
 - e. Remove the access hole cover and remove the leads from the switch.
 - f. Remove the five screws from the motor pan. Be sure to support the motor pan before removing the screws.
2. Remove the ground lead (GREEN) from rear end of the motor.
3. Measure and record the length of the cord inside the motor pan.
4. Before you attempt to install your new cord you must determine whether your old cord has a molded on strain relief or a separate strain relief. To do this inspect the strain relief to see if it is completely round or has two flat sides. If it is round, you should grip the strain relief with pliers and pull straight out. If it has two flats-squeeze the strain relief on the two round sides and pull out.
5. If your old strain relief was round you will need to modify the cord hole in your motor pan for this new cord. To do this, very carefully cut out the template provided below. Place it over the existing hole and being as precise as possible trace or scribe the new shape onto the pan. Orientation of the template is not critical.
6. Increase the size of the hole with a round hand or power file. Be sure not to make the hole too large, as this will prevent the strain relief from functioning properly.

POWER CORD REPLACEMENT (Continued)

7. Before mounting the strain relief into the motor pan, thread a length, measured earlier, of new cord through the hole in the motor pan. With the cord hanging down put the strain relief around the cord just below the hole. You will have to squeeze the strain relief around the line cord with a pair of pliers as you insert it into the motor pan.
8. Connect the green lead of the cord to the ground boss or motor bolt at the rear of the motor.
9. Re-assemble motor pan to headstock.
10. When re-attaching the cord to the switch, attach both white or light leads to the left side of the switch as viewed from the back of the switch and both black or dark leads to the right side.
11. Re-install the drive belt.
12. Re-attach the belt cover.

You are now ready to plug in your Mark V.

