



Installing the Power Switch on the Mark V

WARNING

- ◆ Turn off and unplug the Mark V before beginning any repair procedure.
 - ◆ Wear proper eye protection.
 - ◆ Once you have finished with your repair, check that the power switch is “OFF” before you plug in your Mark V.
 - ◆ Never use non-Shopsmith replacement parts on your Mark V. Using non-Shopsmith parts may create a hazardous condition and will void your warranty.
 - ◆ Refer to the illustrations that appear with each replacement procedure and/or the “Parts List” in the Service section.
1. Open the logo cover by removing the bottom screw and turning the cover 180°.
 2. Loosen the quill lock handle and fully extend the quill out from the headstock. Secure the quill lock handle. Extending the quill will allow you to access the back side of the on/off switch.

NOTE

Make sure the quill lock handle is secured. Failure to do so could result in possible injury to hands.

3. Remove the wires from the wire clip by spreading the plastic wire clip. Push the wires out of the wire clip. As shown in Figures 1 and 2.

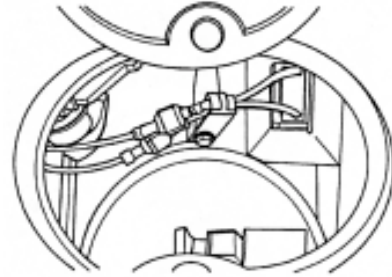


Figure 1

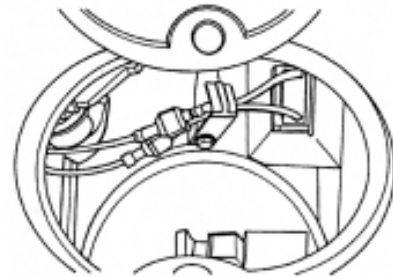


Figure 2

4. Remove the switch from the casting by reaching through the access hole and squeezing together the top and bottom corners of the switch back. See Figure 3. This will release the retaining fingers and allow the switch to be pushed out the front of the headstock. Move the switch up and down, while pushing outward as you depress the retaining fingers. This will aid in removing the switch from the casting.

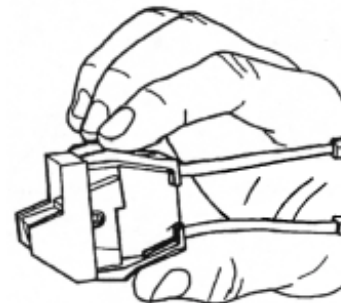


Figure 3

5. If you have two wires extending from the back of the switch, disconnect the wires from the switch's spade terminals. If you have four short wires extending from the back of the switch, they must be disconnected at the terminals. See Figure 4

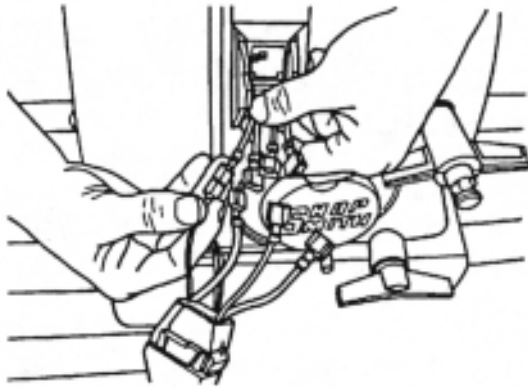


Figure 4

6. If you have a four wire configuration, you must connect the two black wires from inside your headstock to the center and bottom terminals on one side of the switch. then connect the two white wires to the center and bottom terminals on the other side of the switch.
7. Re-install the switch on the casting by reaching inside the casting through the access hole with one hand to help guide the wires through the headstock switch opening. With the other hand, push the switch into the switch opening until the switch is completely seated against the headstock. See Figure 5.

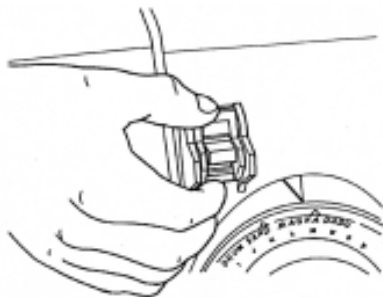


Figure 5

8. Re-install the wires behind the wire clip. By reaching through the access hole, hook each wire over and into the wire clip by spreading apart the plastic wire clip.
9. Secure the logo cover by reinstalling the screw in the lower hole.
10. Loosen the quill lock handle to allow the quill to return to the retracted position.

NOTE

In your Mark V Owner's Manual, please note that the switch part number (516532) has changed to 522278 and the switch key for the new switch is 515107.

NOTE

If you have further questions or need help, call or Customer Service Department Toll-Free 1/800/762-7555. Or visit our website: www.shopsmith.com.

