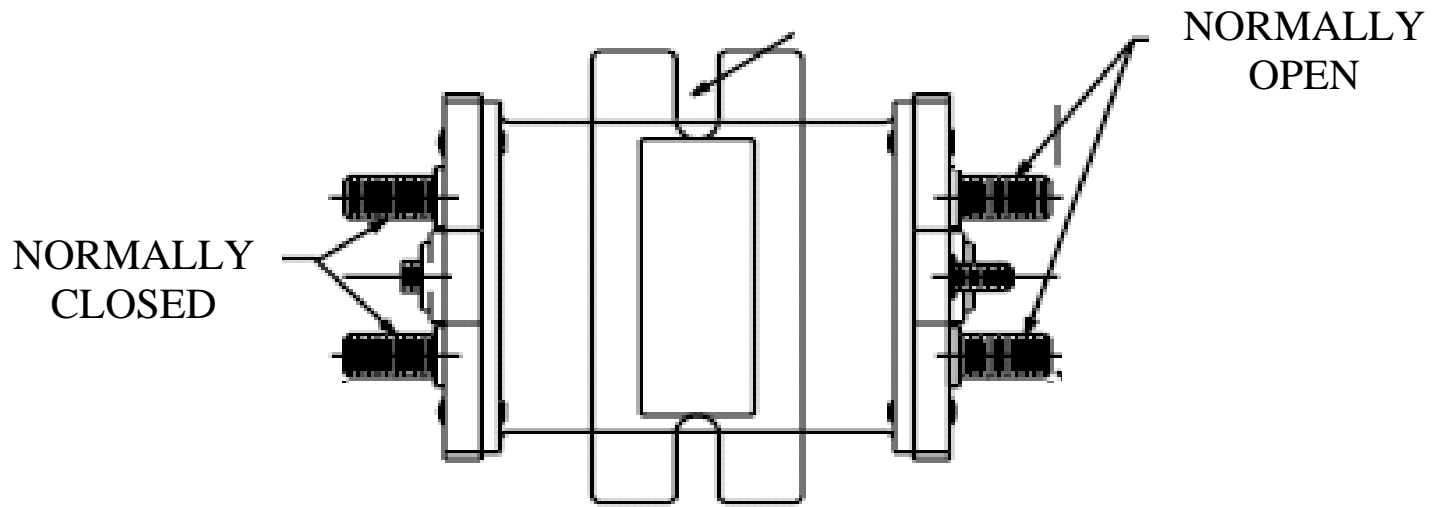


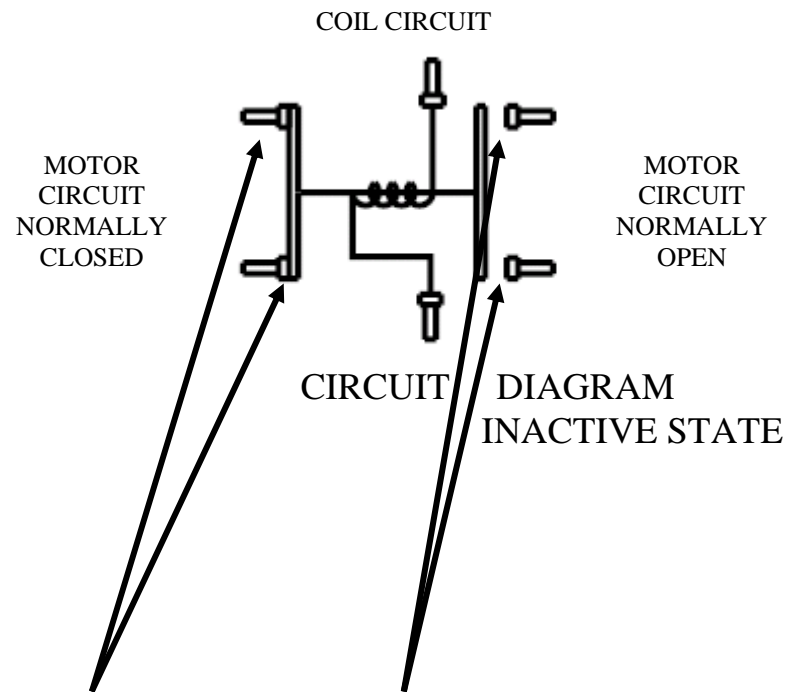
# UP/DOWN SOLENOID FUNCTION

This the solenoid used for the *Up/Down*. (Super mills only).



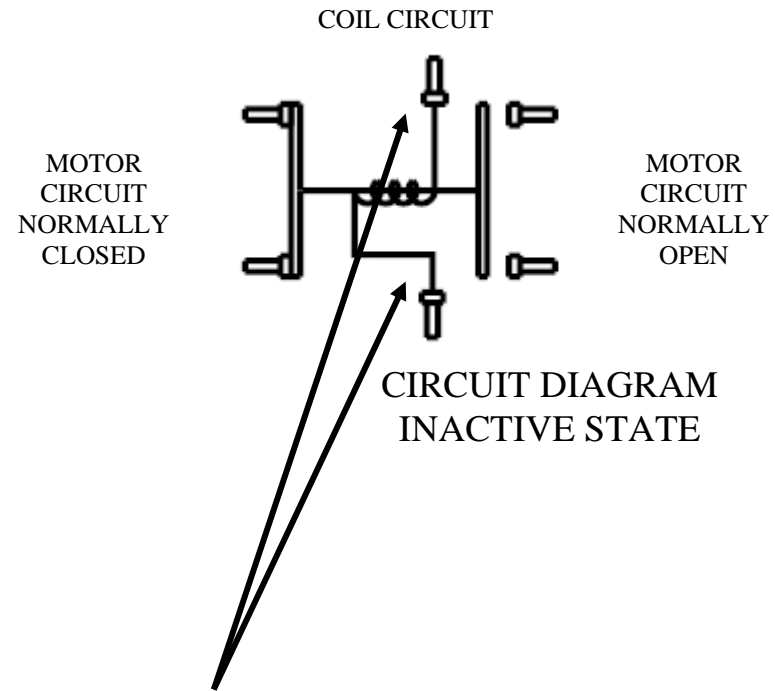
# SOLENOID INTERNAL COMPONENTS

These diagrams show the internal components of the solenoids.



These are the contacts of the solenoid which carry the current to the motor.

These diagrams show the internal components of the solenoids.

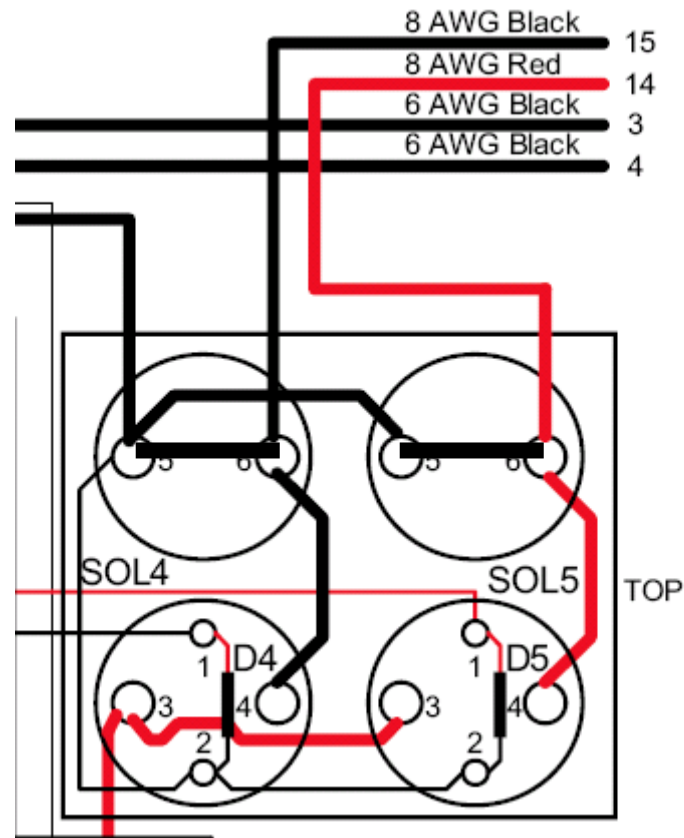


These are the solenoid coil terminals.

# UP/DOWN SOLENOID FUNCTION

This is the state of the solenoids with the drum switch in the neutral position.

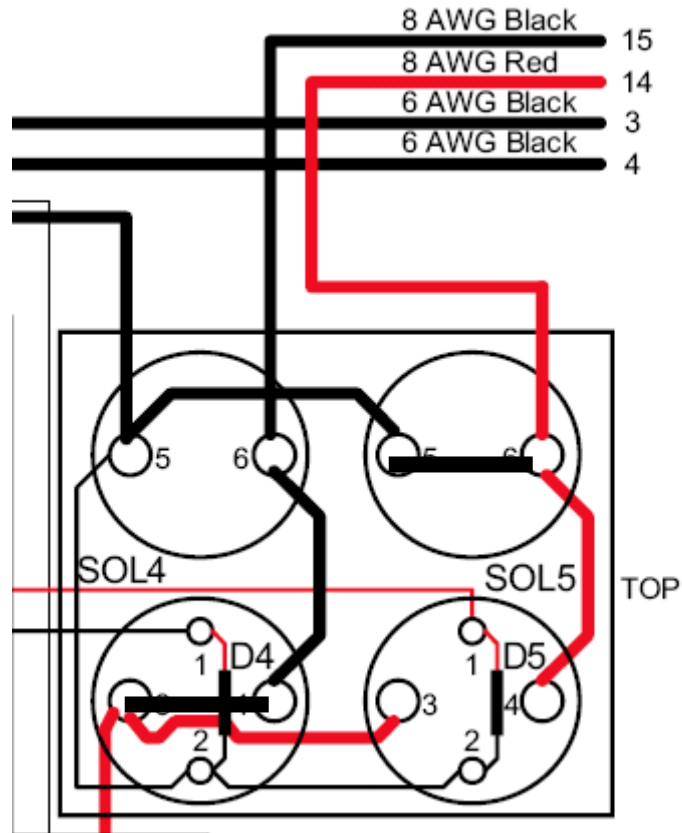
Remove wires 14 and 15 to avoid getting a back feed of voltage. Turn the key to accessory. Place the red lead of your meter on a 12 volt source. With the black lead on the terminals shown, all 4 terminals should have 12 volts. If a solenoid only has one 12 volt terminal, replace the solenoid.



# UP/DOWN SOLENOID FUNCTION

This is the state of the solenoids with the drum switch in the Up position.

Remove wires 14 and 15 to avoid getting a back feed of voltage. Turn the key to accessory, drum switch in the up position. On solenoid #4, place the red lead of the meter on terminal #1 and the black lead on terminal #2. You should have a reading of 12 volts. If not, check the drum switch. Place the red lead of your meter on a ground source. With the black lead on the motor terminals shown on solenoid #4, you should have 12 volts. If the solenoid only has one 12 volt terminal, replace the solenoid. With the black lead on a 12 volt source, put the red lead on the motor terminals shown on solenoid #5, you should have 12 volts. If the solenoid only has one 12 volt terminal, replace the solenoid.



# UP/DOWN SOLENOID FUNCTION

This is the state of the solenoids with the drum switch in the Down position.

Remove wires 14 and 15 to avoid getting a back feed of voltage. Turn the key to accessory, drum switch in the down position. On solenoid #5, place the red lead of the meter on terminal #1 and the black lead on terminal #2. You should have a reading of 12 volts. If not, check the drum switch. Place the red lead of your meter on a 12 volt source. With the black lead on the motor terminals shown on solenoid #4, you should have 12 volts. If the solenoid only has one 12 volt terminal, replace the solenoid.

With the black lead on a ground source, put the red lead on terminals shown on solenoid #5, you should have 12 volts. If the solenoid only has one 12 volt terminal, replace the solenoid.

