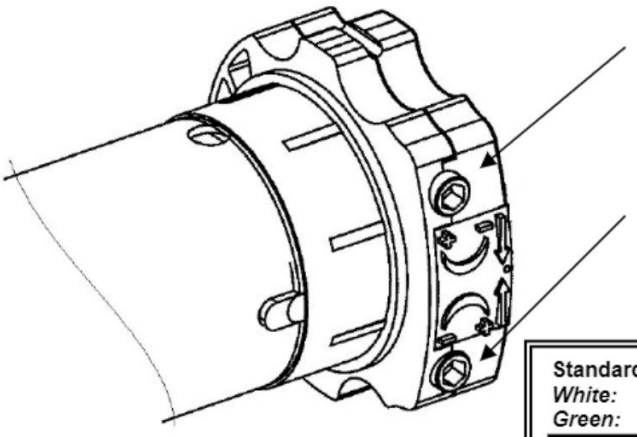
Roller Shade Standard Hardwired (HW) Programming Instructions



Lower Limit Screw (*when the motor is on the right side*)
Upper Limit Screw (*when motor is on the left side*)

Upper Limit Screw (*when the motor is on the right side*)
Lower Limit Screw (*when motor is on the left side*)

Standard Hardwired Motor Wire Color Code			
White:	Neutral	***Red:***	Hot Directional Wire (115-volt)
Green:	Ground	***Black:***	Hot Directional Wire (115-volt)

Standard Hardwired Motors **cannot** be wired in parallel
Voltage should be set at 115v – 60 Hz

Please Note Before Programming

- All motors may be connected to power during programming.

Tools Required

- Motor Tester
- Allen Wrench **(Get size from Rob)**

Step #1 – Connecting the Motor Test Switch

1. Connect a motor tester switch cable to the motor cable. Make certain to **match the wire colors** on the motor to the connectors on the motor tester switch and connect the motor tester switch to power (plug it in to an outlet).
2. Identify the correct **Up** limit screw by finding the arrow on the motor head which points in the direction that raises the shade.
3. Turn the power on to ensure that the switch is operating properly. Make sure that pressing **Up** on the switch raises the shade and pressing **Down** on the switch lowers the shade. If the directions are not correct, turn the power off (unplug the tester switch from the outlet), and simple reverse the black and red motor cables.

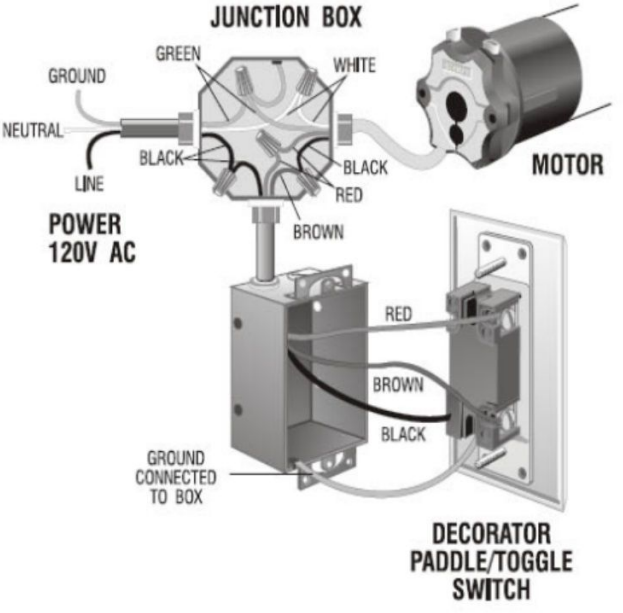
Step #2 – Setting the Upper Limit

1. Turn the tester switch on in the up direction.
2. If the motor stops before it reaches its upper limit, turn the **Up** limit screw to the **"+"** direction until necessary.
3. If the motor does not stop at its upper limit, flip the motor tester cable off and turn the **Up** limit screw to **"-"** direction until necessary. Repeat this sequence until the correct upper limit setting is achieved.

Step #3 – Setting the Lower Limit

1. Turn the tester switch on in the down direction.
2. If the motor stops before it reaches its lower limit, turn the **Down** limit screw to the **"+"** direction until necessary.
3. If the motor does not stop at its upper limit, flip the motor tester cable off and turn the **Down** limit screw to **"-"** direction until necessary. Repeat this sequence until the correct upper limit setting is achieved.

ONE MOTOR / SINGLE POLE SWITCH



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