

SC201/204/207 CAM ARM LIMIT SWITCH REPLACEMENT INSTRUCTIONS

Caution! Risk of Personal Injury, Property Damage or Equipment Failure

Refer All Maintenance to Qualified Personnel

Disconnect Power Before Servicing Equipment

Read and Understand All Instructions Before Proceeding

To replace the limit switches:

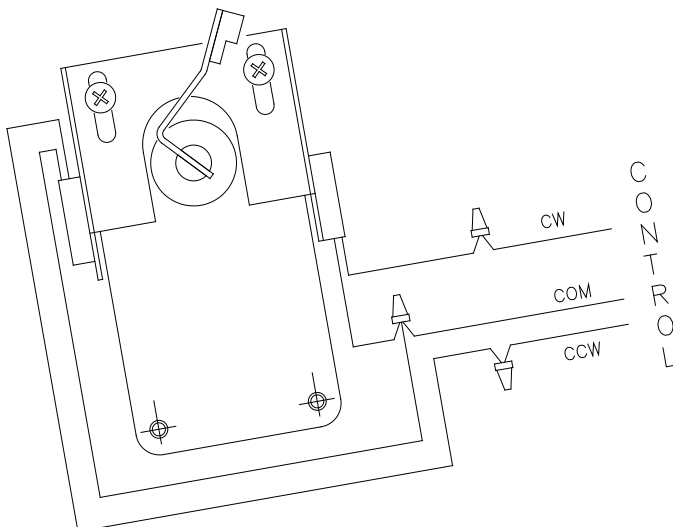
- 1- Start with the water plate in the up (closed) position. Note the position of the set screw that attaches the plastic water plate operator hub to the actuator motor output shaft. It should be perpendicular to the angle of the evaporator. When the new switches are in place, the switch support will need to be adjusted so that the motor stops the closing motion of the water plate when the set screw is in this position.
- 2- Tag the back (water plate up) and front (water plate down) switch wires before cutting them off the switches.
- 3- Remove the screws to release and discard the switch support with the defective switch(s).
- 4- Position the new switch support with its top edge even with the top edge of the motor and attach with two screws.
- 5- Connect the switch wires as per the illustration.

Adjust the switch support as required to stop the closing of the water plate (CW rotation of the water plate operator) when the set screw is as described in instruction #1. When this adjustment is made, the limit of the opening of the water plate (CCW rotation of the operator) should be correct. The rearward switch provides a limit for plate up (clockwise rotation). The forward switch limits the plate down (counterclockwise rotation). Adjust the switch support up to decrease and down to increase the travel of the cam arms.

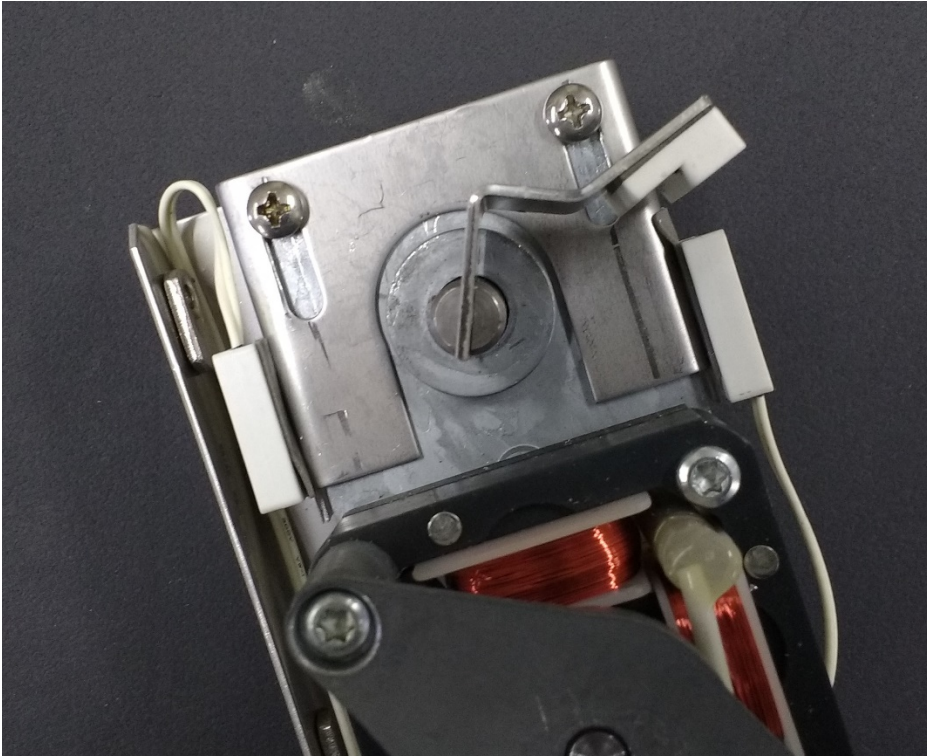
To replace the magnet for the limit switches:

Note: This should only be replaced if it is damaged or has fallen off.

- 1- Note the position of the magnet holder and remove the roll pin to release it from the motor shaft.
- 2- Orient and place the new magnet holder in the motor slot, align the hole with motor shaft hole and push the roll pin through to hold it in place.



MAGNET IN UP (WATER PLATE CLOSED) POSITION



MAGNET IN DOWN (WATER PLATE OPEN) POSITION

