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# CC Brake Manual

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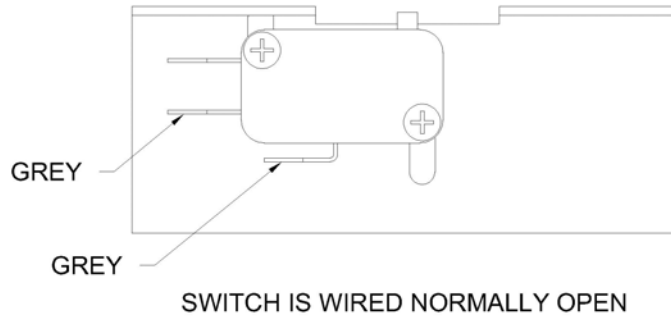
## Installation Tool List

3/32" Allen Wrench  
3/16" Allen Wrench  
1/8" Allen Wrench

## Replacement Procedure

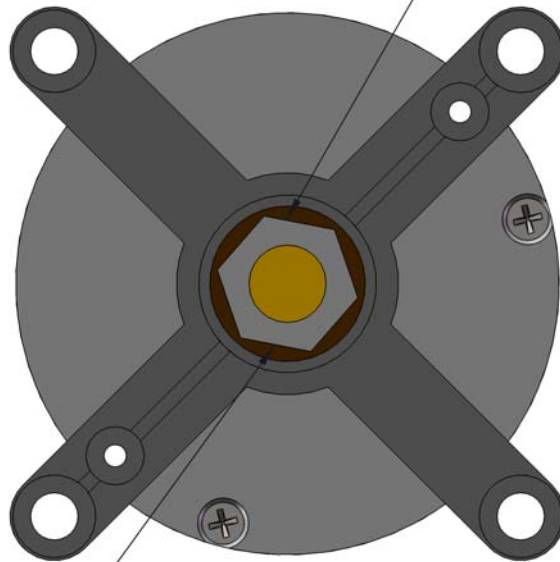
1. Turn the power off at the breaker/disconnect under the standoff.
2. Remove the (2) top and the (2) bottom button head screws that hold the inside control front to the inside control back with a 3/32" Allen wrench and remove the inside control front. Unplug the inside panel switch harness.
3. Loosen the (1) button head screw located on the bottom of the inside control back with a 3/32" Allen wrench and remove the inside control back.
4. Unplug all the wires going to the drive assembly and brake assembly.
5. Remove the (4) socket cap bolts that go through the black surround with a 3/16" Allen wrench. If the drive assembly was built after 7-2005 use a 1/8" allen wrench. If you remove aluminum washers with the bolts, make sure that they are on the bolts when you reinstall them in step 8.
6. Remove the brake assembly.
7. Slide the new brake assembly back into place. You might have to turn the drive shaft to align the hex nut with the hex cut-out of the brake disk inside of the brake assembly. **BE SURE NOT TO PINCH ANY WIRES.**
8. Screw the (4) socket cap bolts through the black surround with a 3/16" OR 1/8" Allen wrench. If there were aluminum washers with the bolts when you removed them in step 6, make sure that one is on each bolt before you reinsert them through the black surround. If possible, use blue Loctite and put a little on the end of the (4) bolts. If you do not have a torque wrench, tighten the (4) bolts until they touch the surround half and then turn the bolts 1/8 turn more. If you have a torque wrench, tighten to 13 lbs/in.
9. Reconnect all the wires going to the drive assembly and brake assembly. Refer to the diagram below on wiring the brake switch.
10. Turn the power on at the breaker/disconnect under the standoff.
11. Press the "Brake Release" button and verify that the drive shaft spins freely. If it does not, loosen the (4) socket cap bolts slightly
12. Remount the inside control back and tighten the (1) button head screw located on the bottom of the inside control back with a 3/32" Allen wrench.
13. Reconnect the control switch harness to the inside switch assembly.
14. Remount the control front and tighten the (2) top and the (2) bottom button head screws that hold the inside control front to the inside control back with a 3/32" Allen wrench.
15. Check the unit for proper operation.

## Brake Switch Connections



## Brake Assembly End View

Verify that the hex cut-out of the Brake Disk is centered in the opening.



Align the flats of the Brass Hex with the flats of the hex cut-out in the Brake Disk.

### Brake Installation Exploded View

