

DC Opto Replacement

For Chain & Belt Operators

These instructions are written assuming that you will have ample room around Opener to perform this repair. Some rare instances will require removal of the unit from it's mounting hardware and repair made on a bench or floor. Refer to your Owners Manual or Installation Poster for proper assembly and carefully read and understand all warnings and cautions pertaining to your unit.



WARNING

BE SURE ELECTRICAL POWER HAS BEEN DISCONNECTED FROM THE OPENER PRIOR TO REMOVING THE MOTOR COVER.



WARNING

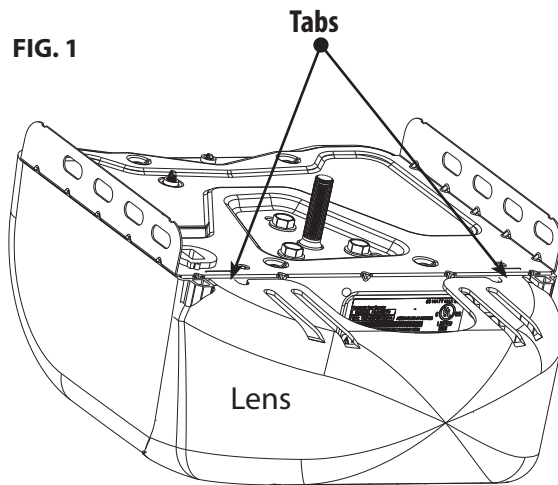
ANY AND ALL REPAIRS MADE TO THIS UNIT MUST BE PERFORMED WITH THE DOOR DISCONNECTED FROM THE OPENER AND IN THE CLOSED POSITION.

Tools required: Standard slotted and Phillips head screwdrivers, small slotted screwdriver, 5/16" nutdriver.

NOTE: Rail not shown, rail removal is **NOT** necessary for this repair.
CLOSE DOOR PRIOR TO REPAIR.

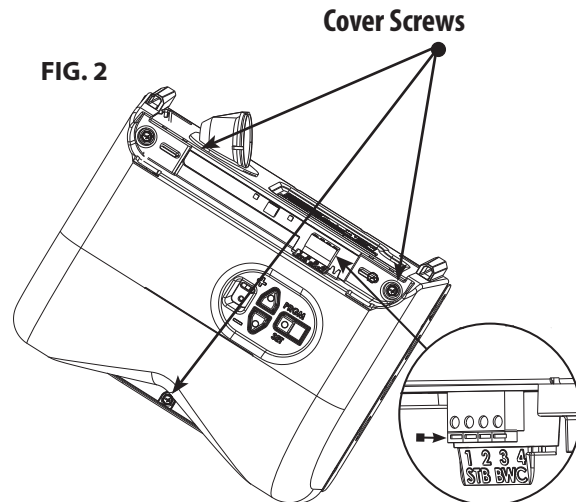
1. **Remove power from operator.**
2. Press down on tabs to remove lens. FIG-1
3. Remove light bulb.
4. Note locations and remove BWC (Basic Wall Control) and STB (Safe-T-Beam™) wires. Use small screwdriver to press in on orange tabs to remove wires. FIG-2
5. Using a 5/16" nut driver or common screw driver, remove the 3 opener cover screws and remove opener cover. FIG-2

FIG. 1



PARTS REMOVED FOR CLARITY

FIG. 2



Scan code to view a
video of this repair.

6. Note the locations and disconnect lights, transformer primary, AC power, red & black motor wires, transformer secondary, and encoder harnesses. FIG-3
7. Using a 1/4" nut driver or common screwdriver, remove 2 control board mounting screws and remove control board. FIG-3
8. Carefully remove all harnesses from harness keepers. FIG-3
9. Remove Opto Assembly cover screws (3-3/16") leave harness plugged into assembly.
10. Install replacement Opto Assembly and install cover screws (3).
11. Carefully slide all harnesses back into harness keepers.
12. Reinstall the control board, harnesses, and opener cover in reverse order. Ensure that harnesses are plugged in the correct positions. FIG-3, see connector detail.
13. Reinstall BWC & STB wires, light bulb and lens.
14. Reapply power to operator.

NOTE: Limit settings will require reprogramming. Refer to your owners manual for detailed instructions.

IMPORTANT: Test opener functions. The door **MUST** reverse on contact with a 1-1/2" high object (or a 2 x 4 board laid flat) at the center of doorway on the floor. After adjusting either the force or limit of travel, retest door opener. Failure to adjust the opener properly may cause severe injury or death.

FIG. 3

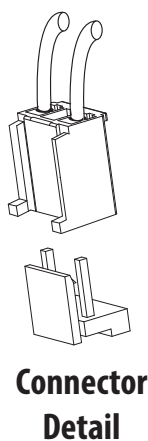
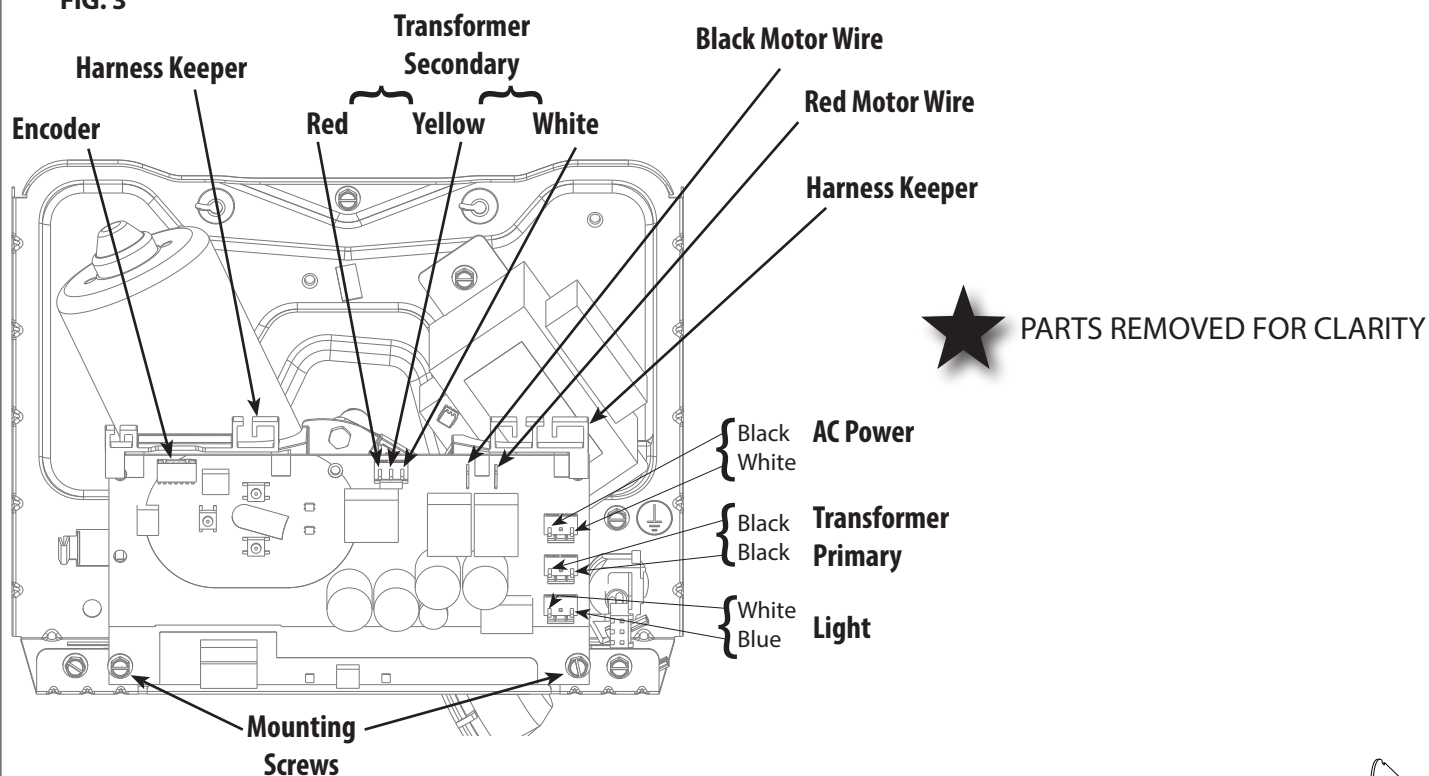


FIG. 4

