

## Used when Crossbar Mounting Brackets are Loose or Missing For 30 and 60 Ampere Disconnect Switch Crossbar Bracket Replacement Kit



**WARNING:** To avoid hazards of electrical shock, **remove all power** to the panel before proceeding. Auxiliary contacts commonly control separate sources of power. Be sure they and all sources of power are disconnected. The procedure outlined below should only be performed by qualified personnel familiar with the operation of the equipment in which the switch is mounted.

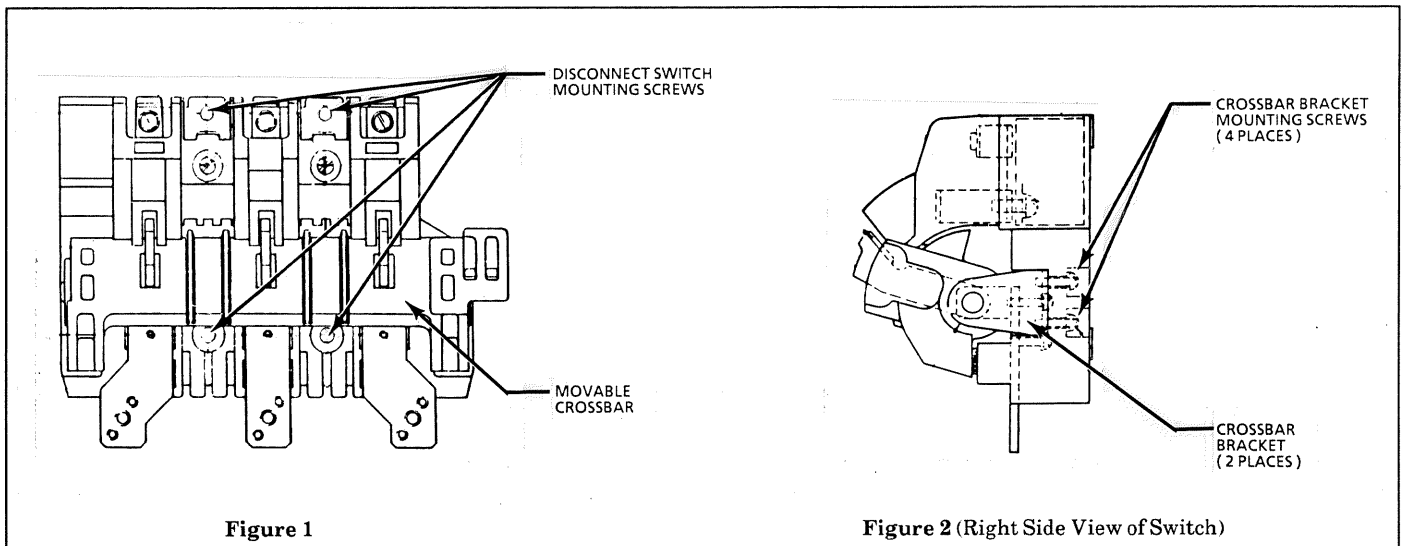


Figure 1

Figure 2 (Right Side View of Switch)

1. Turn the operating handle to the "Off" position.
2. Remove the safety guard (line terminal shield).
3. Label the line terminal wires and remove them from the disconnect.
4. **Fused disconnect switches:** Remove the fuses from the fuse clips.
5. **Non-fused disconnect switches:** Label the load terminal wires and remove them.
6. **Auxiliary contacts:** Label the wires to any auxiliary contact before removing them or remove the auxiliary contacts.
7. Remove the disconnect switch by removing and saving the four mounting screws. (See Figure 1 for location).
8. Turn the disconnect upside down for access to the four crossbar bracket mounting screws. (See Figure 2 for location). Remove and discard the four crossbar bracket mounting screws and two crossbar brackets.
9. Place the new crossbar brackets in position and secure with the new screws furnished (Scotch-Grip® coated) with the kit. Do not apply any adhesives to screws coated with Scotch-Grip®. Torque the mounting bracket screws to 13-18 lb.-in.
10. Be sure the disconnect is in the "Open" position

(movable contact blades fully visible) before installing. Replace and torque the four disconnect switch mounting screws to 25-30 lb.-in.

11. Turn the operating handle to the "On" position and then back to the "Off" position. Do this several times to make sure the disconnect closes and opens.



**CAUTION:** Make sure the movable contact blades are fully visible when the operating handle is in the "Off" position.

12. Install the fuses on fused disconnects. On non-fused disconnect switches, connect the load terminal wires making sure they are replaced as removed in Step 4. Torque terminals to 20 lb.-in. on 30 ampere disconnects and 45 lb.-in. on 60 ampere disconnects.
13. Connect the control wires to the auxiliary contacts or install the auxiliary contact removed in Step 5. Torque the mounting screw to 8-10 lb.-in.
14. Connect the line terminal wires making sure they are replaced as removed in Step 2. Torque to 20 lb.-in. on 30 ampere disconnects and 45 lb.-in. on 60 ampere disconnects.
15. Install the safety guard (line terminal shield).