

Directions for setting LS7-402 Limit Switch (FB0194)

Refer to drawing 08040292

- 1. Remove Pan head screws (20).
- 2. Remove the cover and gasket (14,15).
- 3. Remove the Phillips head screws (27).
- 4. Remove the "L" bracket (10). It is inserted into slots in the limit switch cams (6)
- 5. Rotate the cams to the center of the cam drive screw (5).
- 6. Replace the "L" bracket and activate the jack to its retracted position. Observe the direction of the cams as the jack approaches the retracted limit. This will determine which cam/switch controls the retracted limit. (It varies depending on which side of the jack the limit switch is mounted.)
- 7. Remove the "L" bracket and rotate the cam that controls the retracted position, until it engages the snap switch. You will hear a "click" and observe the switch depress.
- 8. Replace the "L" bracket in the slot closest to the desired retracted switch setting. (Mark with a permanent marker to positively identify the slot.)
- 9. Activate the jack to the desired extended position.
- 10. Remove the "L" bracket and rotate the cam that controls the extended position, until it engages the snap switch. You will hear a "click" and observe the switch depress.
- 11. Replace the "L" bracket in the slot closest to the desired extended switch setting. (Mark with a permanent marker to positively identify the slot.)
- 12. Activate the jack to verify that the extended and retracted positions are accurately set for your application. Follow the steps above to make fine adjustments as needed.
- 13. Replace the cover and gasket.

General information about wiring limit switches into a central circuit. The limit switch contacts must be the first components on the power rail (hot) since they share a common.



