

## FORD MOTOR CO.

### Lincoln Continental

#### DESCRIPTION & OPERATION

All electrically operated power roofs have a sliding glass panel. A halo moulding frames the sliding moon roof panel, and a manually operated shade is provided for blocking sunlight. The control switch is located in the headlining and operates a reversible motor. Drive cables push or pull both sides of the roof panel. The moon roof can be manually operated by inserting a hand crank into the access plug opening located between the windshield and the front of the moon roof.

#### ADJUSTMENT

##### HEIGHT ADJUSTMENT

**Front** — Loosen two adjusting nuts at front inside of roof assembly. Move sliding panel up or down to maintain a  $\pm .059$ " flushness with roof top. Tighten adjusting nuts.

**Rear** — Loosen pivot bolt and rear adjusting bolt at rear inside of roof assembly. Move roof panel up or down to maintain a  $+.029$ " to  $-.059$ " flushness with roof top. Tighten adjusting bolts.

**Rear Guide Alignment** — 1) Remove sun shade and glass module from roof assembly. Slide the front guide bracket as far forward as it will go. Position a straightedge behind front guides and onto roof tracks.

2) With the drive cable cover removed and tubes disengaged from mounting bracket, slide rear guide bracket forward to the rear edge of the straightedge. Repeat procedure on opposite guide so they are aligned identically.

#### TESTING

##### SWITCH

1) Place roof switch in neutral position. Connect an ohmmeter or test lamp between terminals 1 and 3, 2 and 5 and 4 and 6. There should be continuity between these terminals.

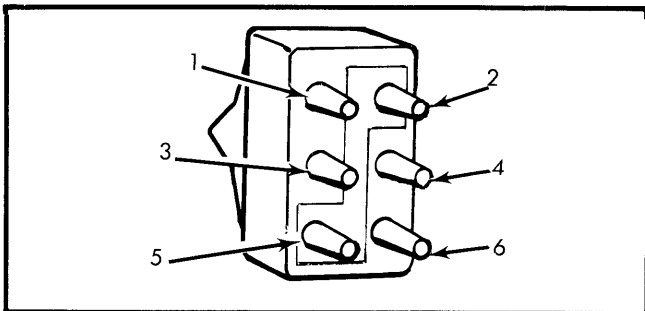


Fig. 1 Power Moon Roof Switch Terminal Locations

2) With switch toggle placed downward, there should be continuity between terminals 2, 4 and 5 and 1 and 3. Terminal 6 should be disconnected from any other terminal.

3) With switch toggle placed upward, there should be continuity between terminals 2, 3 and 5 and 4 and 6. Terminal 1 should be disconnected from any other terminal.

4) If the switch does not test according to these instructions, the switch should be replaced.

#### REMOVAL & INSTALLATION

##### SUN SHADE

**Removal & Installation** — With sliding panel in rearward position pull sun shade full forward and then bow the shade upward at the center and lift shade out of the tracks. To install, reverse removal procedure.

##### GLASS MODULE

**Removal** — 1) Remove sun shade. Position moon roof to closed position. Remove 4 screws securing sight shields to glass module. Remove sight shields.

2) Remove front adjusting bolts securing glass module to front guide bracket. Pull out guide pins and turn so that arrow on head faces forward.

3) Glass module can now be removed from guide brackets by lifting upward on front of glass and removing from vehicle.

**Installation** — To install, reverse removal procedure, making sure that arrow on head of guide pins faces up.

##### REAR GUIDES, TRACKS & DRIVE CABLES

**Removal** — 1) Remove sun shade and glass module. Remove roof trim panel. Remove front guide bracket. Remove 2 screws securing tube cover to motor mounting bracket. Pull down on tubes to disengage.

2) Remove 3 screws securing track assembly to housing. Lift up on front of track and pull rear guide forward off track. Cable is attached to rear guide. Pull out track assembly.

**Installation** — To install, reverse removal procedures.

##### MOTOR

**Removal** — 1) Remove roof trim panel. Disconnect electrical connectors from motor. Remove rear nuts securing housing assembly to roof.

2) While pulling down slightly on rear of housing, remove 2 hex head bolts securing motor assembly to mounting bracket from top of motor. Raise up on motor to disengage from drive cables and remove motor.

**Installation** — To install, reverse removal procedures.

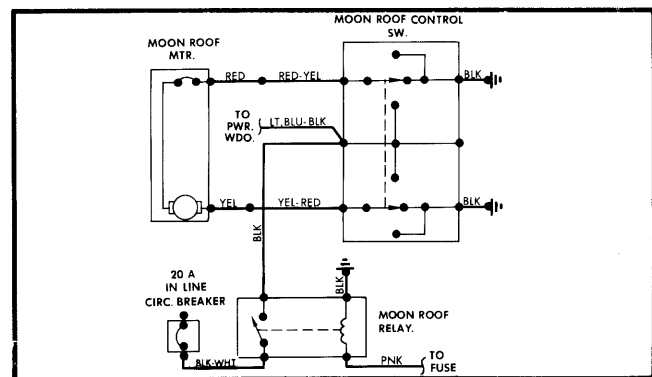


Fig. 2 Power Roof Panel Wiring Diagram