

## GENERAL MOTORS TAILGATE

Chevrolet  
GMC

### DESCRIPTION

Tailgate window system consists of a 12 volt reversible direction motor, that is protected by an internal circuit breaker which may require 1 to 3 minutes to reset. Window is controlled by a jackscrew type regulator. Window is operated by an instrument panel switch with the ignition switch at "ON" position, or an external key switch located in the tailgate door. A cut-out switch prevents operation of the window by either switch when tailgate is open. Window will retract into tailgate door. Circuit is protected by a 30-ampere circuit breaker located at fuse block.

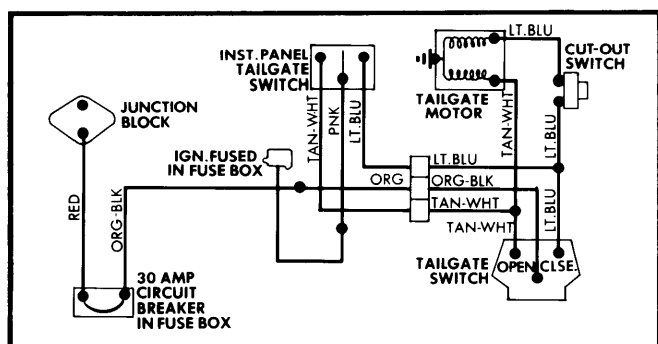


Fig. 1 General Motors Tailgate Power Window Wiring Diagram

### TESTING & TROUBLE SHOOTING

#### TAILGATE POWER WINDOW INOPERATIVE FROM PANEL OR TAILGATE KEY SWITCH

Check circuit breaker and replace if bad. If good, check motor ground. If good, check the Tan/White and Lt. Blue wires for short. If not shorted, replace window motor.

#### TAILGATE POWER WINDOW INOPERATIVE FROM PANEL SWITCH, OPERATES FROM TAILGATE KEY SWITCH

If current from fuse block is good, press switch to window "UP" position. Check Lt. Blue wire at back of switch. If no continuity exists, replace switch. If continuity is good, press switch to "DOWN" position and check Tan/White wire for continuity. If open, replace switch. If good, check window motor ground to body and Lt. Blue and Tan/White wires between switch and motor.

**NOTE** — If switch operation is reversed, use same test procedure and replace tailgate key switch if necessary.

#### TAILGATE WINDOW WILL NOT CLOSE FROM PANEL SWITCH, OTHERWISE OPERATES

With ignition switch "ON", tailgate door open, put panel switch in "UP" position. Check Lt. Blue wire at back of switch. If no continuity exists, replace panel switch. If good, check Lt. Blue wire at cutout switch, also between cutout switch and motor. If wire is good, replace cutout switch.

#### TAILGATE WINDOW WILL NOT OPEN FROM TAILGATE KEY SWITCH, OTHERWISE OPERATES

Open tailgate door, turn key switch to "DOWN" position and check continuity of Tan/White wire between key switch and window motor. If open, replace key switch.

**NOTE** — If window will not close, place switch in "UP" position and check Lt. Blue wire. If open, replace key switch.

### REMOVAL & INSTALLATION

#### WINDOW MOTOR

- 1) Secure window regulator lift arms and remove window glass from lift arms. Drill a  $\frac{1}{8}$ " hole through the sector gear and backplate. Install a sheet metal screw into the hole locking the sector gears in position.
- 2) Disconnect drive cable at regulator. Remove motor attaching screws, motor and detach harness.
- 3) To install, reverse removal procedure.

#### CUT-OUT SWITCH

- 1) Disconnect left side remote control rod from center control by removing retaining clip. Remove side latch retaining screws and disconnect cut-out switch wiring.
- 2) Remove side latch assembly and screws holding latch to switch. To install, reverse removal procedures.

#### JACKSCREW REGULATOR

**CAUTION** — If window glass is removed, or disengaged from regulator lift arms, the regulator lift arms must be secured before removing jackscrew. Regulator lift arms are under spring pressure and may cause injury if not secured.

- 1) Drill an  $\frac{1}{8}$ " hole through sector gear and back plate, and install a sheet metal screw in hole to secure sector gears in position.
- 2) Disconnect drive cable at jackscrew. Remove regulator jackscrew attaching screws and remove jackscrew assembly. To install, reverse removal procedures.