

GENERAL MOTORS TAILGATE WINDOW

Buick Estate Wagon
Chevrolet Impala, Caprice
Oldsmobile Custom Cruiser

DESCRIPTION

Power tailgate windows are operated by dashboard or tailgate key switches. A blockout switch prevents operation when gate is open and lights a warning lamp on the dashboard. A reversible motor with internal circuit breaker operates a regulator, raising or lowering window. A circuit breaker on the fuse panel also protects the window circuit.

TESTING

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

With ignition on and tailgate open as a door, connect test lamp to ground and Pink wire terminal at panel switch. If lamp does not light, check for open in Pink wire or feed wire between fuse block and ignition. If lamp lights, move test lamp to Lt. Blue wire and press switch to "UP" position. If lamp does not light, replace instrument panel switch. If lamp lights, move test lamp to Tan/White terminal and press switch to "DOWN" position. If lamp does not light, replace instrument panel switch. If lamp lights, check motor ground and Lt. Blue and Tan/White wires.

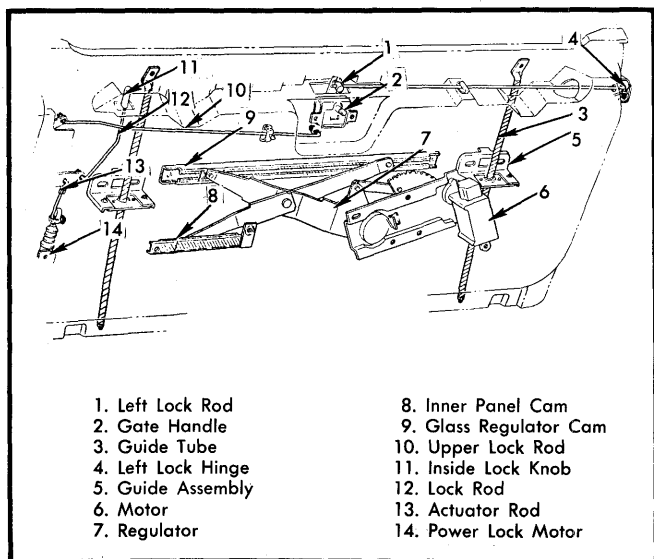


Fig. 1 Power Tailgate Window Components

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 blockout switch, also between blockout switch and motor. If wire is good, replace blockout switch.

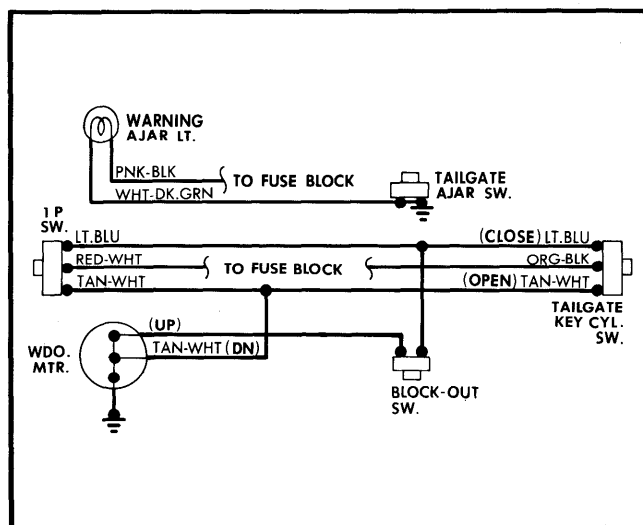


Fig. 2 General Motors Tailgate Power Window Wiring Diagram

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

NOTE — The electric motor can be removed from all models without removing the window regulator if the glass is intact and attached to the regulator. If window glass is broken and not attached to the regulator, the regulator and motor must be removed as a unit.

Removal — Remove trim and panel from door. If glass is intact and attached to the regulator, drill out rivet attaching motor to door using a 1/4" drill bit. Using left access hole, remove bolts attaching motor to regulator and remove motor.

Installation — Insure motor drive gear properly engages sector teeth before installing bolts. Use a "U" nut and a 1/4-20x1/2" screw to replace rivet. Install panel and trim.

WINDOW MOTOR & REGULATOR

Removal — Open tailgate as door and remove handle, inner trim, and access panels. Disconnect wiring and loosen bolts across top of gate. Remove inner panel cam bolts and window channel bolts. Drill out motor and regulator rivets, and remove assembly through access hole.

Installation — To install, reverse removal procedure, fastening motor and regulator with rivets or bolts.