

FORD REAR WINDOW AND TRUNK RELEASE

DESCRIPTION & OPERATION

The rear trunk lid, hatchback, and liftgate releases are electrically operated by a solenoid integral with the latch. A push button is normally located in the glove compartment. The electric tailgate window is operated by a reversible motor and regulator assembly inside the tailgate. A control switch on the instrument panel and a key-operated lock switch operate the power window. A limit switch prevents operation when the tailgate is open.

TESTING

SOLENOID RELEASE

If release does not operate properly, check for power at solenoid connector with ignition and release switch on. If no power, check wiring. If power is present, test for continuity through latch to ground. If ground connection is good, replace solenoid.

WINDOW MOTOR

If window does not operate, check fuses. If good, check for correct limit switch adjustment and check ground connection at dashboard switch. If window operates from one switch but not the other, check continuity of both switches in both "UP" and "DOWN" positions.

REMOVAL & INSTALLATION

SOLENOID LATCH

Removal – Open trunk or liftgate and disconnect wiring at solenoid. Remove solenoid latch bolts, lock, and latch.

Installation – To install, reverse removal procedure.

POWER WINDOW REGULATOR AND MOTOR

Removal – 1) Remove tailgate inner cover. Lower tailgate, hold limit switch, and raise glass until brackets can be reached. Remove center pin from rivets, drill heads, and drive rivets out. Disconnect defroster wires (if equipped), and slide glass out.

2) Remove glass brackets from regulator arm rollers. Disconnect motor wiring. Drill 4 rivets from regulator and remove from tailgate. Drill a 5/16" hole through regulator sector plate and gear. Install a bolt through hole to hold gear, then remove motor.

Installation – Position regulator and install with rivets or bolts. Connect wiring, replace glass and secure with rivets or bolts. Check motor operation, then replace tailgate inner panel.

MOTOR (WITHOUT REGULATOR)

Removal – Remove tailgate panel and disconnect wires. Remove motor-to-regulator bolts, then remove motor and drive.

Installation – Position motor and drive, but do not tighten bolts. Connect wiring, cycle motor, and check alignment. Tighten bolts to 50-85 INCH lbs. and replace trim panel.

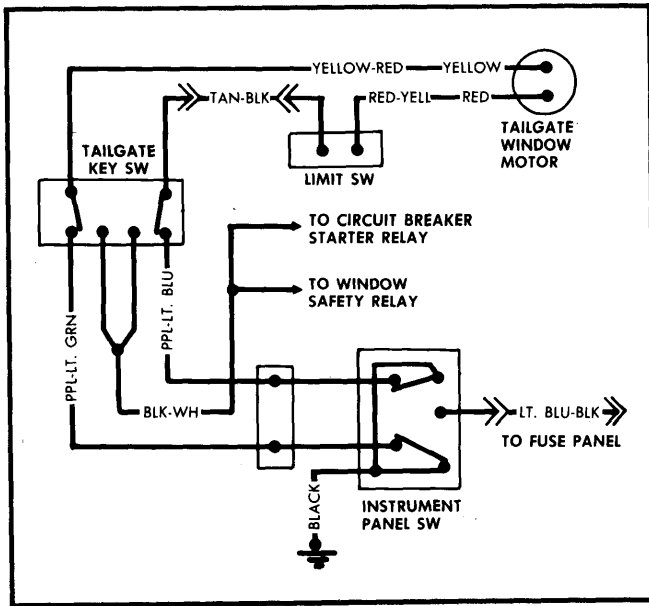


Fig. 1 Ford Motor Co. Power Tailgate Window Wiring Diagram

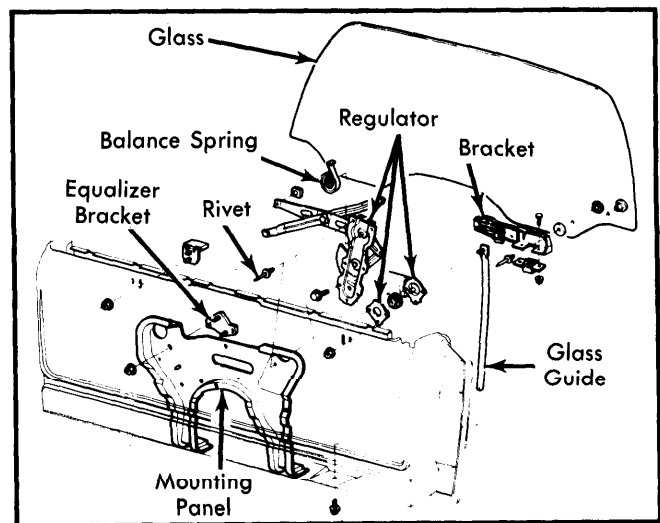


Fig. 2 Identification of Tailgate Components on Ford and Mercury Models