

Power Tailgate Windows

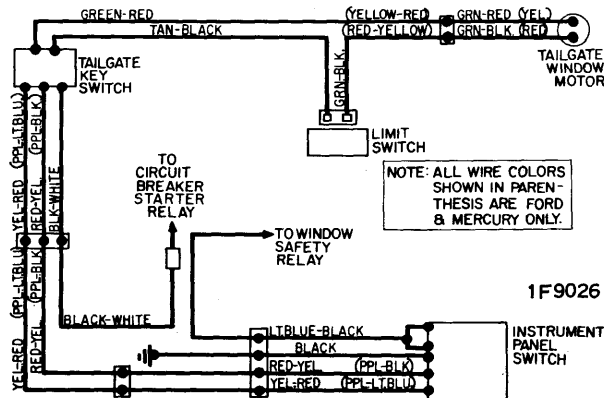
1970-72 FORD MOTOR CO. TAILGATE

►CHANGES, CAUTIONS, CORRECTIONS

- 1970 FORD STATION WAGON INOPERATIVE TAILGATE WINDOW OR TAILLIGHTS: May be caused by a screw in left quarter trim panel cutting the wiring harness. Correct condition by removing retention clip and let harness hang loose to prevent any further contact with trim panel screw. Repair wiring if necessary.
- 1970 FORD STATION WAGON INOPERATIVE TAILGATE WINDOW: Condition may be caused by damaged wiring due to improper harness routing. Damage occurs in these areas, interference with window stop, chafing by window regulator, and pinching by lower hinge.

DESCRIPTION

Electrically controlled station wagon tailgate window is operated by a reversible electric motor and a window regulator mechanism in tailgate. Control is through a key operated lock switch on upper right of tailgate outer panel, and a toggle or push-pull switch on left front door or instrument panel for driver control. A limit switch located at right side of tailgate pillar post prevents operation of window when tailgate is open.



1971-72 FORD MOTOR CO. TAILGATE POWER WINDOW

EMERGENCY MANUAL OPENING

Fully or Partially Raised

All Models – Remove tailgate inside cover panel attaching screws. Remove two glass opening side garnish mouldings. Insert two wire hooks in upper screw holes and slide the inner panel up and off the tailgate. Remove watershield from tailgate. Remove four regulator arm bracket retaining nuts and washers. Hold glass and disengage regulator arm brackets from glass or glass channel and regulator rollers. Then carefully lower glass into tailgate.

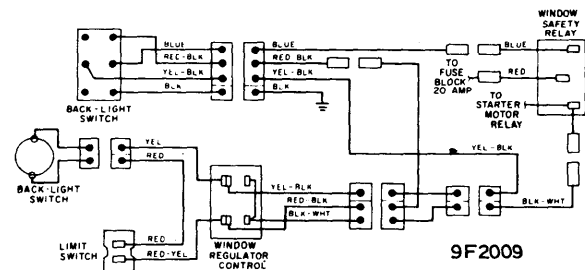
TESTING

Window Motor – Connect a fully charged 12 volt battery to window motor with an ammeter connected in series. Current draw for this no load test should not exceed 5 amps, and should not fluctuate. Reversal of the electrical connections should reverse motor rotation. Replace motor if current draw exceeds specifications. With motor installed current draw should be about 12 amps. With window against a stop current draw should be about 20 amps.

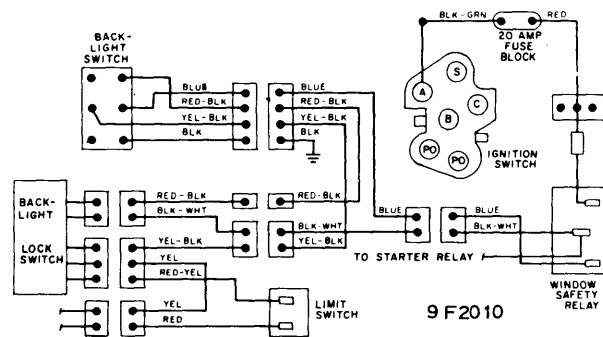
REMOVAL & INSTALLATION

NOTE – The following applies to removal of regulator and motor as an assembly.

Torino & Montego – Open and temporarily support tailgate. Disconnect tailgate hinge supports at tailgate. Remove tailgate cover panel retaining screws and panel. Remove glass assembly from tailgate. Disconnect motor leads from harness in tailgate. Scribe regulator mounting location and remove regulator bolts and regulator. To remove motor, drill a 5/16" hole through regulator sector gear and regulator plate, and install a 1/4" bolt. This MUST BE done to prevent sector gear from moving when motor is removed.



1970 FALCON, FAIRLANE & MONTEGO SINGLE ACTION TAILGATE WIRING



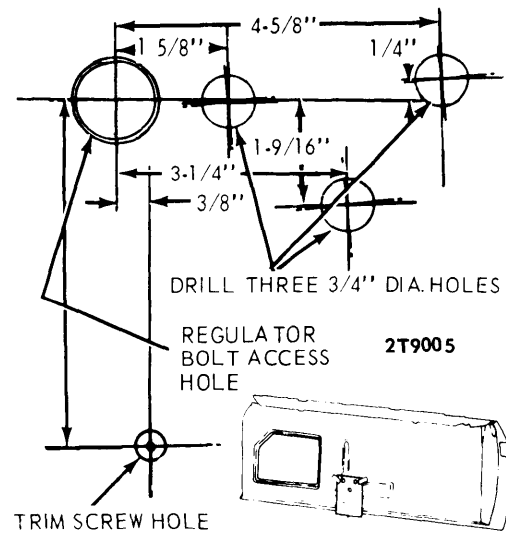
1970 FALCON, FAIRLANE & MONTEGO DUAL ACTION TAILGATE WIRING

Ford, Mercury, Meteor – Remove tailgate cover panel and watershield. Remove right and left upper stops, right and left guides, and right and left brackets from glass and remove glass. Remove regulator arm brackets from regulator arm rollers. Disconnect motor wires at connector. Remove regulator attaching bolts and remove regulator. To remove motor, drill a 5/16" hole through regulator sector gear and regulator plate, and install a 1/4" bolt. This MUST BE done to prevent sector gear from moving when motor is removed.

1970-72 FORD MOTOR CO. TAILGATE (Cont.)

NOTE: The following applies to removal of motor without regulator assembly.

Ford, Mercury, Meteor – Remove tailgate inner panel and watershield. Remove any vacuum hose retainer clips and move hoses out of the way (if equipped). Obtain a template from dealer as pictured (see illustration). Template shows location of regulator mounting bolts. Position template on tailgate inner panel and center-punch hole locations. Raise glass at least 6" above top of tailgate and drill center-punched locations with a $\frac{3}{4}$ " hole saw. Pilot drill should be as short as possible, $\frac{1}{4}$ ", beyond saw. Disconnect motor wires at connector. Remove window regulator bolt through access hole and pry regulator towards inner panel. Remove lower glass stop bracket. Working through the $\frac{3}{4}$ " holes remove three motor to regulator bolts, and remove motor from tailgate.



FORD MOTOR CO. TAILGATE TEMPLATE