

JEEP TAILGATE WINDOW

Cherokee
Wagoneer

DESCRIPTION

System consists of an electrically operated tailgate window utilizing two operating circuits. Window is operated by an instrument panel switch with the ignition switch at "ON" position, or an external key switch mounted in the tailgate door. A safety switch prevents operation of the window by either switch when tailgate is open. Window is controlled by a gear-box type regulator and 12 volt DC reversible direction motor with protection by a 30 ampere circuit breaker located at the fuse block. Window retracts into the tailgate door.

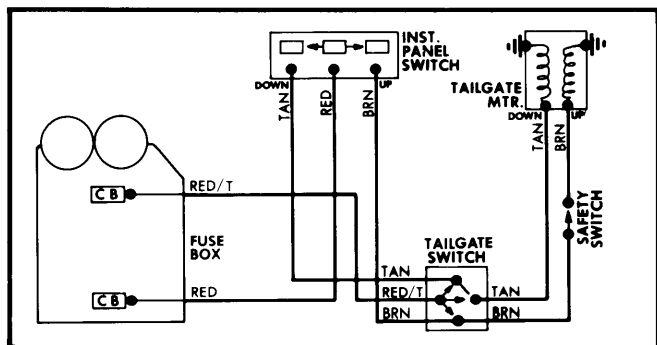


Fig. 1 Jeep Instrument Panel Tailgate Wiring Diagram Cherokee & Wagoneer

TESTING

INSTRUMENT PANEL & TAILGATE SWITCH

Turn ignition switch to "ON" position. Using a 12 volt test lamp or a voltmeter, connect one end of test equipment to ground and probe the "RED" lead. If current is not available, repair feed circuit. If current is present, probe "BROWN" lead with switch in "UP" position. If current is present move switch to "DOWN" position and check the "TAN" lead for current. If current is not present, replace switch. If current is present check window switch in the tailgate using the same procedure.

NOTE – If vehicle is equipped with a tailgate window defogger, the defogger and tailgate switches are serviced as one assembly. Both switches must be replaced when either is defective.

TAILGATE WINDOW SAFETY SWITCH

Using a 12 volt test lamp or a voltmeter, place window switch in "UP" position and check "BROWN" lead for current. If current is not present, repair feed circuits. If current is present, close safety switch and check lead at motor. If current is present check motor ground. Motor is grounded through "BLACK" lead at instrument panel switch. If motor is properly grounded and system does not operate, replace motor. If current is not present, replace safety switch.

TAILGATE WINDOW MOTOR

Using a 12 volt test lamp or a voltmeter, connect one lead of test equipment to ground and probe the "TAN" lead. Close safety switch, and turn tailgate window switch to "DOWN" position. If current is not present, repair feed circuit. If current is present and motor does not operate, replace motor.

REMOVAL & INSTALLATION

WINDOW REGULATOR & MOTOR

- 1) Remove carpet and tailgate access cover plate. Remove retainers attaching regulator arms to channel. Disengage regulator arm pins from channel and raise glass.
- 2) Carefully support glass in raised position. If regulator attaching screws are covered by sector gears, disconnect motor drive from gear regulator. Grasp regulator arm as far outboard as access hole will allow.
- 3) Push down on arm until holes in sector gears align with attaching screws and motor. Hold regulator in this position and wedge a 1/4" screw between meshing teeth. Remove regulator attaching screws, regulator and motor. Release spring tension by using a large screwdriver to snap spring from under tension bracket.
- 4) To install, reverse removal procedure.

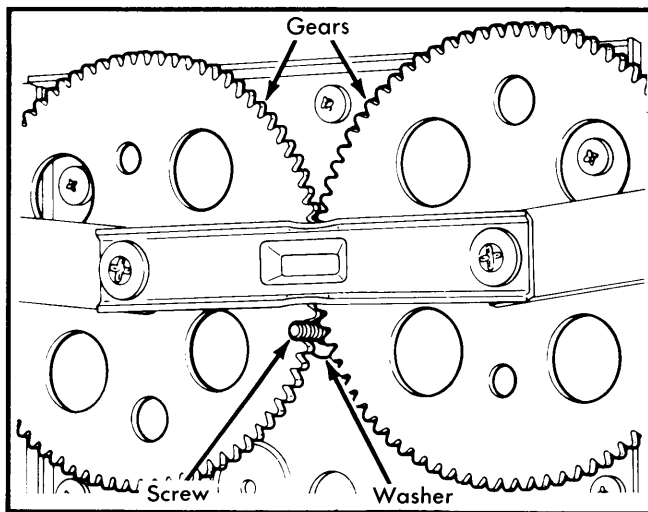


Fig. 2 Jeep Locking Window Regulator Gears Cherokee & Wagoneer

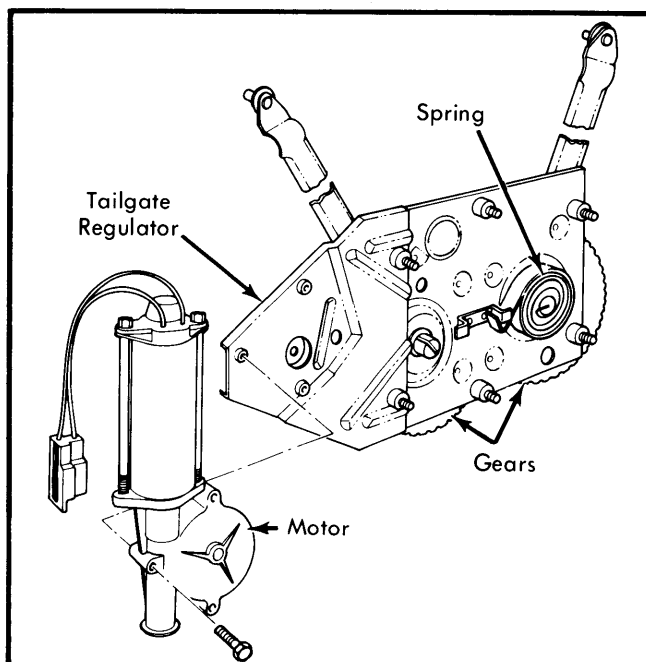


Fig. 3 Power Tailgate Regulator and Motor