

## 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 gearbox 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.

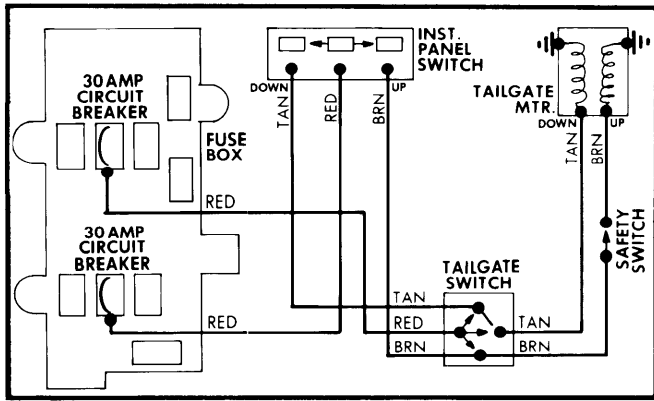


Fig. 1 Jeep Instrument Panel Tailgate Wiring Diagram Cherokee & Wagoneer

### 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.

#### 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 the motor. If current is present check motor ground. If motor is properly grounded and system does not operate, replace motor. If current is not present, replace safety switch.

### REMOVAL & INSTALLATION

#### WINDOW MOTOR

- 1) Remove carpet and tailgate access cover plate.
  - 2) If tailgate window is blocking access to motor attaching screws, remove regulator arm retainers and pins from channel glass. Raise glass and support in position.
- CAUTION** – Spring tension must be retained before motor and drive unit are removed from regulator.
- 3) Position a 1/4" screw between window regulator gears to lock the gears. Remove motor screws, slide motor from under regulator and disconnect wiring harness.
  - 4) To install, reverse removal procedure.

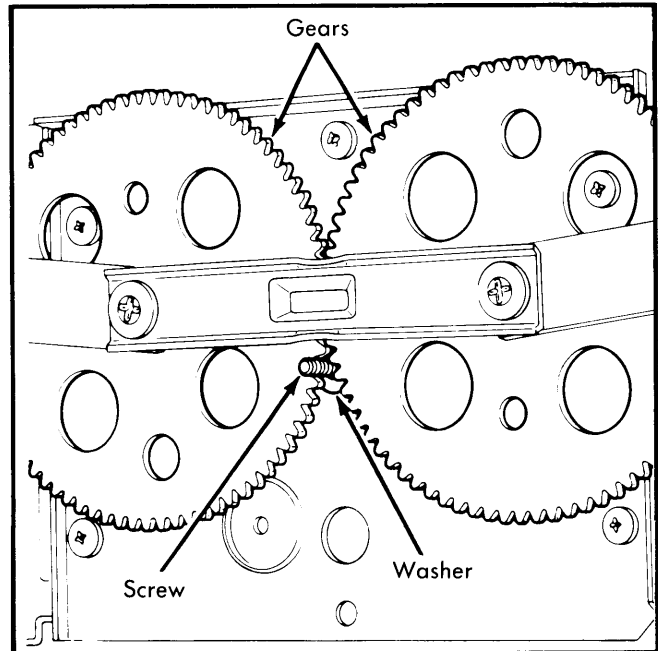


Fig. 2 Jeep Locking Window Regulator Gears Cherokee & Wagoneer