

CHRYSLER CORP. TAILGATE WINDOW

DESCRIPTION

Power tailgate window motor is a permanent magnet type. Window is controlled by two switches. One switch is mounted in instrument panel while the other switch is mounted in tailgate key lock. Ignition switch must be in "ON" position for window to be operated from instrument panel switch. Switch in tailgate key lock, operates window at all times. A 30 amp. circuit breaker protects circuit. Tailgate can be operated as a door with window in up position, but window must be lowered to use tailgate as a tailgate.

TROUBLE SHOOTING

WINDOW FAILS TO OPERATE OR OPERATES SLOWLY

Battery low or dead. Defective circuit breaker. Loose battery ground. Loose or corroded terminals in control circuit.

WINDOW OPERATES INTERMITTENTLY

Loose wires on circuit breaker or switches. Defective circuit breaker.

TESTING

TAILGATE WINDOW OPERATION

Check tailgate switch and window operation by turning tailgate key right or left, window should operate up or down. If window motor will not function from tailgate switch, turn on ignition switch and operate tailgate window from instrument panel switch. If motor still will not operate, test motor at tailgate.

TAILGATE WINDOW MOTOR

1) Remove tailgate door inside cover panel. Disconnect motor power connector, located inside left area of tailgate door, from harness. Wiring color code is BROWN and YELLOW.

2) Connect a test battery to the male connector (motor harness) with BROWN wire positive and YELLOW wire negative. Observe window for one-way operation. Reverse

battery leads and window motor should reverse direction. If window motor operates properly, check switches and circuit continuity. If motor operates in only one direction, replace motor.

INSTRUMENT PANEL SWITCH

Connect a test lamp across terminals of female connector (attached to tailgate wiring harness). Operate switch, test lamp should light, if not, check switch malfunction and/or body wiring harness. Check switch ground connection. If instrument panel switch, ground wire and motor regulator assembly function properly, replace tailgate key operated switch.

REMOVAL & INSTALLATION

TAILGATE REGULATOR

1) With trim panel removed, remove glass. Run glass up out of tailgate until glass lift channel screws are visible in access holes. Remove glass lift channel attaching screws to disconnect glass from channel assembly. Slide glass out of belt opening.

2) Remove lock linkage and position regulator arms in about $\frac{3}{4}$ up position. Remove regulator attaching bolts and disconnect motor harness wires. Remove regulator through access hole. **CAUTION** – Do not remove motor or counter balance spring from regulator without locking unit in a vise. To install regulator, reverse removal procedure.

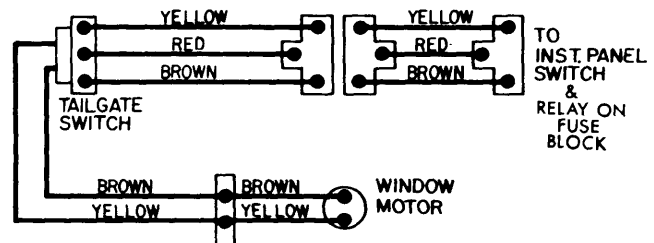


Fig. 1 Chrysler Corp. Tailgate Wiring Diagram