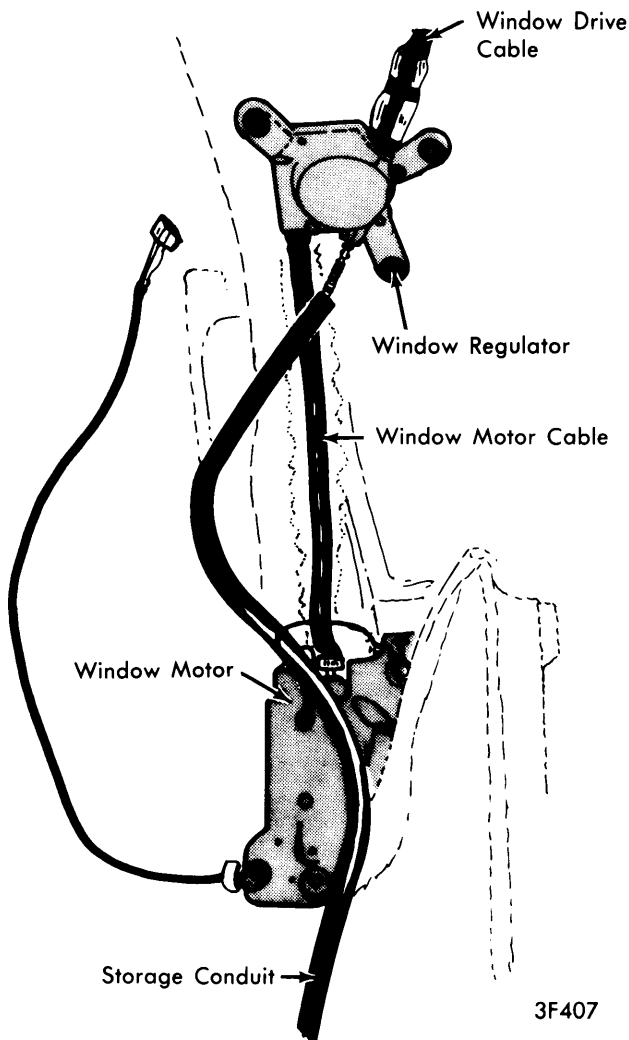


1973-74 GENERAL MOTORS

DESCRIPTION

General Motors uses only one type of power tailgate window on 1973-74 vehicles. This retractable type window is used exclusively on "B" body station wagons. Tailgate window retracts into space between roof and headliner. It can be operated by either the instrument panel switch, or external tailgate window control switch. An ignition relay prevents window operation from instrument panel switch without ignition switch being turned on. The window is controlled by a gearbox type regulator, 12 volt reversible motor with an internal circuit breaker, guide cams and rollers, drive cable, and lift spring. Motor and regulator assemblies are mounted to the rear of the spare tire well in right rear quarter. During window movement, the motor drives a cable, operating the window regulator gear. In turn, the regulator gear pulls a spiral cable connected to window guide cam. The spiral window cable is stored in conduit below regulator. Upward travel of window is assisted by a lift spring mounted in roof above headliner.



REAR WINDOW MOTOR & REGULATOR

TAILGATE WINDOW MOTOR REMOVAL & INSTALLATION

Remove spare tire cover and tire. Disconnect motor electrical lead and disengage cable at upper end of motor. Remove

motor mounting plate attaching screws and remove motor. Disassemble motor from mounting plate as a bench operation. To install, reverse removal procedure.

TAILGATE WINDOW REGULATOR REMOVAL & INSTALLATION

Remove spare tire cover and tire. Disengage window motor cable at regulator assembly. Disengage window drive cable clip at upper end of regulator and remove cable storage conduit at lower edge of regulator. Remove regulator attaching screws and rotate regulator clockwise off lower end of drive cable. To install, reverse removal procedure.

TAILGATE WINDOW DRIVE CABLE REMOVAL & INSTALLATION

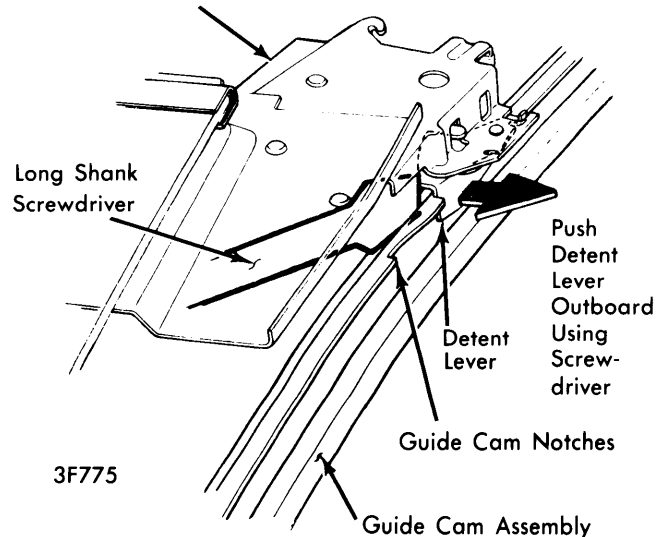
1) Remove spare tire and cover. Remove right pillar finishing molding and inner filler strip. Remove regulator-to-pillar bolts. Remove four 5/16" hex head screws from regulator and separate regulator halves. **CAUTION** - Do not lose washers inside regulator.

2) Manually move window to full up position, and open tailgate. Disengage drive cable conduit from top of regulator, and pull cable from regulator. Remove bolts securing cable conduit to guide cam and work conduit down pillar as far as possible, remove cable from conduit.

3) Prior to lowering the window on manual tailgate styles, it is necessary to trip the lock with a long screwdriver to simulate tailgate being closed, this will allow glass to bypass guide cam notches (see illustration).

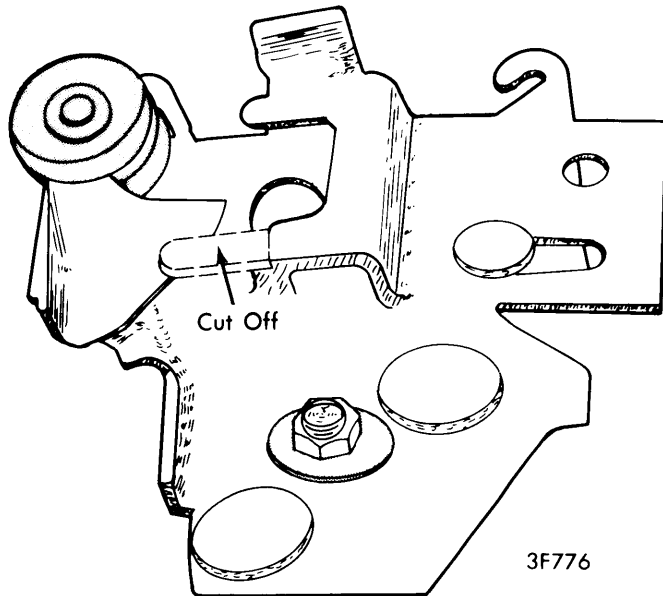
4) Remove drive cable flag retainer bolt and remove retainer. Using side cutters, cut long finger (see illustration) from lower tab of drive cable flag retainer. Pull drive cable from guide cam cable channel. To install, insert lower end of drive cable into top of regulator and momentarily actuate key switch in "close" direction. This will draw cable into regulator.

Right Upper Window Guide Assembly



TRIPPING WINDOW LOCK MECHANISM

1973-74 GENERAL MOTORS (Cont.)



REMOVING FINGER FROM FLAG RETAINER

TROUBLE SHOOTING

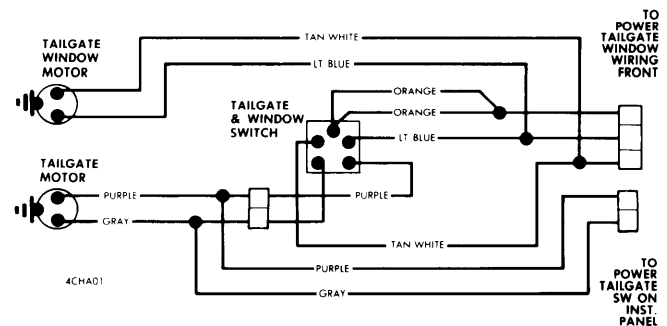
Window Cannot Be Raised – Window motor cable disconnected or broken. Inoperative window regulator or disconnected or broken window drive cable.

Window Cannot Be Lowered – Window motor cable disconnected or broken. Inoperative window regulator, or disconnected or broken window drive cable.

Window Cannot Be Raised or Lowered – Lock release switch faulty, or window circuit malfunction.

Window Cannot Be Lowered & Regulator Noisy – Window drive cable out of engagement with regulator drive gear.

Window Lowers Fully With Tailgate Open – Stop cable and clip assembly out of adjustment on right guide cam. Cable disconnected at either end or broken.



G.M. POWER TAILGATE WIRING DIAGRAM