

CHRYSLER CORP.

All Models

(Except Aries, Reliant, Omni & Horizon)

DESCRIPTION & OPERATION

Sunroofs are operated by a switch on the headliner. The motor is located near the switch and actuates the sunroof panels by means of drive cables. Imperial models are available with a moonroof. A clear glass panel and a sunscreen slide in tracks in the roof. The glass panel is driven by a motor located behind the rear package shelf. The control switch is located on the instrument panel. Both sun and moon roofs are protected by 15 amp. circuit breakers.

Both systems can be manually operated. The sunroof is moved by removing the plug in the headliner, then removing the screw and washers. Turning the gear above will close the sunroof. To close the moonroof, remove the plug on the rear parcel shelf and turn the drive nut with the tire lug wrench.

ADJUSTMENT

Sunroof Alignment — 1) Close roof panel to determine side that binds. Open panel, remove drive housing center cover and pry off cable retaining clip carefully. To move right side forward, lift right cable in front of gear and pull one or more teeth to left. Install clip and cover to check operation, then repeat as necessary, moving other cable for left side.

CAUTION — Do not move roof panel while cable is off pinion gear.

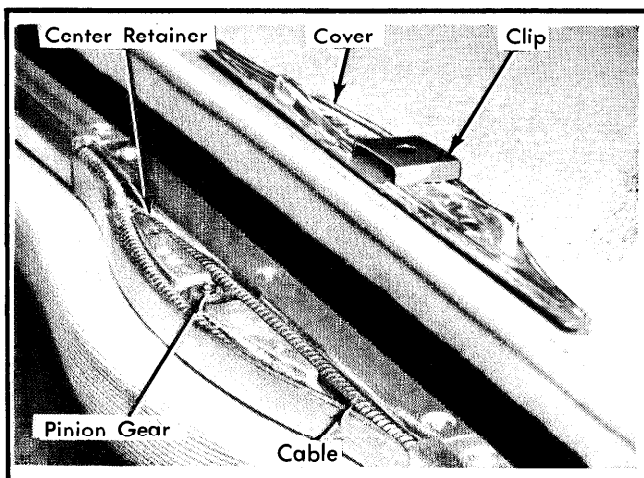


Fig. 1 Sunroof Cable Retainer and Guides

2) To adjust panel, remove headliner and trim. Loosen screws on panel guide assembly and turn knurled nut to raise or lower each side of panel front. Loosen locknut (do not remove) on rear guides, raise or lower panel, then tighten locknut. Check operation and replace headliner.

Moonroof Alignment — 1) Remove sunscreen and molding. Open roof half-way and loosen front guide shoe screws. Close panel and loosen rear guide shoe screws and transport bar fasteners. Center panel in opening, then use a Phillips screwdriver to move shoes in to track edge, then out .060". Make sure guide shoe is parallel to track, then tighten screw. Adjust all guide shoes and check operation.

2) To adjust height of panel, move to rear position and loosen 5 rail screws per side. Use screwdriver to turn adjusting screw at front of rails to raise or lower front of panel. Close panel, loosen guide nuts, and move plastic shims to adjust rear height. Replace sunscreen after checking operation.

REMOVAL & INSTALLATION

MOTOR

Removal (Sunroof) — 1) Remove visors and bracket; front, side, and pillar moldings. Pull switch bezel down carefully. Lower front of headliner and release cemented area.

2) Remove screws from cable guide cover, then carefully pry retaining clip off. Remove cable guide screws from both sides and remove any fabric covering motor screws. Disconnect and tag wires, remove screws, and pull out motor.

Installation — To install, reverse removal procedure and glue headliner fabric to vehicle roof as necessary.

Removal (Moonroof) — 1) Move panel to rear position, remove rail covers, then move panel forward. When 3 inches from closed position, raise front of panel and continue to move forward until cable is disengaged from motor.

2) Remove rear seat cushion, back, and shelf panel. Reach through access holes, disconnect tubes, wiring, and remove motor screws. Remove motor through largest access holes.

Installation — To install, reverse removal procedure.

ROOF PANEL AND TRIM

Removal (Sunroof) — 1) Open panel half-way and remove trim molding from panel. Unsnap front of lining, pull panel closed, and slide lining out of guides. Remove front guides (at knurled nut) on both sides.

2) Pry rear spring-mounted guide pins out of mounting. Lift panel, remove leaf spring from spool on rear guide, and lift panel forward out of roof opening.

Installation — To install, reverse removal procedures and check for proper operation.

Removal (Moonroof) — 1) Place panel in open position. Remove both rail covers and trim mounting screws, then lift glass and slide trim molding out through top. Lift out sunscreen.

2) Close glass and remove lift pins. Move panel back 3 inches, raise front, and pull forward until transport bar is exposed. Remove drive cable screws and cable, then slide panel forward and out roof opening.

Installation — Position rear guides in tracks. Connect transport cable, then move panel back while holding switch "ON". Check position of small rear guide shoe, insert guide pins, and adjust panel. Reverse removal procedures to complete installation.

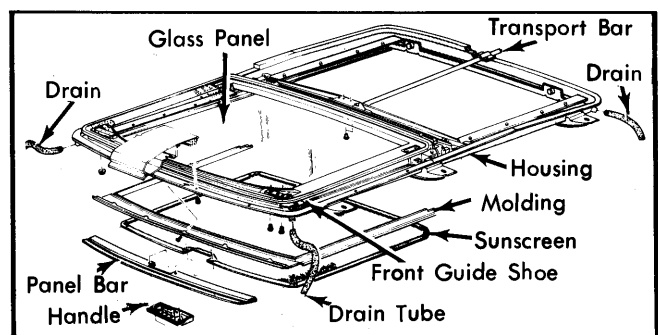


Fig. 2 Moonroof Assembly