

BODY

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GENERAL SERVICE INFORMATION

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GENERAL INFORMATION

VEHICLE IDENTIFICATION

Throughout this group, references to the Chrysler Corporation vehicle family identification code are used when describing a procedure that is unique to that vehicle. Refer to Introduction Group of this manual for detailed information on vehicle identification. If a procedure is common to all vehicles covered in this manual, no reference will be made to a vehicle family code.

SAFETY PRECAUTIONS AND WARNINGS

**WARNING: EYE PROTECTION SHOULD BE USED WHEN SERVICING GLASS COMPONENTS. PERSONAL INJURY CAN RESULT.**

**USE A OSHA APPROVED BREATHING FILTER WHEN SPRAYING PAINT OR SOLVENTS IN A CONFINED AREA. PERSONAL INJURY CAN RESULT.**

**AVOID PROLONGED SKIN CONTACT WITH PETROLEUM OR ALCOHOL BASED CLEANING SOLVENTS. PERSONAL INJURY CAN RESULT.**

**DO NOT STAND UNDER A HOISTED VEHICLE THAT IS NOT PROPERLY SUPPORTED ON SAFETY STANDS. PERSONAL INJURY CAN RESULT.**

**CAUTION: When holes must be drilled or punched in an inner body panel, verify depth of space to the outer body panel, electrical wiring, or other components. Damage to vehicle can result.**

**Do not weld exterior panels unless combustible material on the interior of vehicle is removed from the repair area. Fire or hazardous conditions, can result.**

**Always have a fire extinguisher ready for use when welding.**

**Disconnect the negative battery cable clamp when servicing electrical components that are live when the ignition is OFF. Damage to electrical system can result.**

**Do not use abrasive chemicals or compounds on painted surfaces. Damage to finish can result.**

**Do not use harsh alkaline based cleaning solvents on painted or upholstered surfaces. Damage to finish or color can result.**

**Do not hammer or pound on plastic trim panel when servicing interior trim. Plastic panels can break.**

Chrysler Corporation uses many different types of push-in fasteners to secure the interior and exterior trim to the body. Most of these fasteners can be reused to assemble the trim during various repair procedures. At times, a push-in fastener cannot be removed without damaging the fastener or the component it is holding. If it is not possible to remove a fastener without damaging a component or body, cut or break the fastener and use a new one when installing the component. Never pry or pound on a plastic or pressed-board trim component. Using a suitable fork-type prying device, pry the fastener from the retaining hole behind the component being

## GENERAL INFORMATION (Continued)

removed. When installing, verify fastener alignment with the retaining hole by hand. Push directly on or over the fastener until it seats. Apply a low-force pull to the panel to verify that it is secure.

When it is necessary to remove components to service another, it should not be necessary to apply

excessive force or bend a component to remove it. Before damaging a trim component, verify hidden fasteners or captured edges holding the component in place.

## BODY COMPONENTS

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## GENERAL INFORMATION

### DOOR COMPONENTS

The front and rear door on all LH models require the same basic service procedures regardless of door trim configuration. The art used in this section is typical and features only one of the current production models.

## DIAGNOSIS AND TESTING

### WATER LEAKS

Water leaks can be caused by poor sealing, improper body component alignment, body seam porosity, missing plugs, or blocked drain holes. Centrifugal and gravitational force can cause water to drip from a location away from the actual leak point, making leak detection difficult. All body sealing points should be water tight in normal wet-driving conditions. Water flowing downward from the front of the vehicle should not enter the passenger or luggage compartment. Moving sealing surfaces will not always seal water tight under all conditions. At times, side glass or door seals will allow water to enter the passenger compartment during high pressure washing or hard driving rain (severe) conditions. Overcompensating on door or glass adjustments to stop a water leak that occurs under severe conditions can cause premature seal wear and excessive closing or latching effort. After completing a repair, water-test vehicle to verify leak has stopped before returning vehicle to use.

### VISUAL INSPECTION BEFORE WATER LEAK TESTS

Verify that floor and body plugs are in place, body drains are clear, and body components are properly aligned and sealed. If component alignment or sealing is necessary, refer to the appropriate section of this group for proper procedures.

### WATER LEAK TESTS

**WARNING: DO NOT USE ELECTRIC SHOP LIGHTS OR TOOLS IN WATER TEST AREA. PERSONAL INJURY CAN RESULT.**

When the conditions causing a water leak have been determined, simulate the conditions as closely as possible.

- If a leak occurs with the vehicle parked in a steady light rain, flood the leak area with an open-ended garden hose.

- If a leak occurs while driving at highway speeds in a steady rain, test the leak area with a reasonable velocity stream or fan spray of water. Direct the spray in a direction comparable to actual conditions.

- If a leak occurs when the vehicle is parked on an incline, hoist the end or side of the vehicle to simulate this condition. This method can be used when the leak occurs when the vehicle accelerates, stops or turns. If the leak occurs on acceleration, hoist the front of the vehicle. If the leak occurs when braking, hoist the back of the vehicle. If the leak occurs on left turns, hoist the left side of the vehicle. If the leak occurs on right turns, hoist the right side of the vehicle. For hoisting recommendations refer to Group 0, Lubrication and Maintenance, General Information section.

### WATER LEAK DETECTION

To detect a water leak point-of-entry, do a water test and watch for water tracks or droplets forming on the inside of the vehicle. If necessary, remove interior trim covers or panels to gain visual access to the leak area. If the hose cannot be positioned without being held, have someone help do the water test.

Some water leaks must be tested for a considerable length of time to become apparent. When a leak appears, find the highest point of the water track or drop. The highest point usually will show the point of entry. After leak point has been found, repair the leak and water test to verify that the leak has stopped.

## DIAGNOSIS AND TESTING (Continued)

Locating the entry point of water that is leaking into a cavity between panels can be difficult. The trapped water may splash or run from the cavity, often at a distance from the entry point. Most water leaks of this type become apparent after accelerating, stopping, turning, or when on an incline.

### MIRROR INSPECTION METHOD

When a leak point area is visually obstructed, use a suitable mirror to gain visual access. A mirror can also be used to deflect light to a limited-access area to assist in locating a leak point.

### BRIGHT LIGHT LEAK TEST METHOD

Some water leaks in the luggage compartment can be detected without water testing. Position the vehicle in a brightly lit area. From inside the darkened luggage compartment inspect around seals and body seams. If necessary, have a helper direct a drop light over the suspected leak areas around the luggage compartment. If light is visible through a normally sealed location, water could enter through the opening.

### PRESSURIZED LEAK TEST METHOD

When a water leak into the passenger compartment cannot be detected by water testing, pressurize the passenger compartment and soap test exterior of the vehicle. To pressurize the passenger compartment, close all doors and windows, start engine, and set heater control to high blower in HEAT position. If engine can not be started, connect a charger to the battery to ensure adequate voltage to the blower. With interior pressurized, apply dish detergent solution to suspected leak area on the exterior of the vehicle. Apply detergent solution with spray device or soft bristle brush. If soap bubbles occur at a body seam, joint, seal or gasket, the leak entry point could be at that location.

### WIND NOISE

Wind noise is the result of most air leaks. Air leaks can be caused by poor sealing, improper body component alignment, body seam porosity, or missing plugs in the engine compartment or door hinge pillar areas. All body sealing points should be airtight in normal driving conditions. Moving sealing surfaces will not always seal airtight under all conditions. At times, side glass or door seals will allow wind noise to be noticed in the passenger compartment during high cross winds. Over compensating on door or glass adjustments to stop wind noise that occurs under severe conditions can cause premature seal wear and excessive closing or latching effort. After a repair procedure has been performed, test vehicle to verify noise has stopped before returning vehicle to use.

Wind noise can also be caused by improperly fitted exterior moldings or body ornamentation. Loose moldings can flutter, creating a buzzing or chattering noise. An open cavity or protruding edge can create a whistling or howling noise. Inspect the exterior of the vehicle to verify that these conditions do not exist.

### VISUAL INSPECTION BEFORE TESTS

Verify that floor and body plugs are in place and body components are aligned and sealed. If component alignment or sealing is necessary, refer to the appropriate section of this group for proper procedures.

### ROAD TESTING WIND NOISE

(1) Drive the vehicle to verify the general location of the wind noise.

(2) Apply 50 mm (2 in.) masking tape in 150 mm (6 in.) lengths along weatherstrips, weld seams or moldings. After each length is applied, drive the vehicle. If noise goes away after a piece of tape is applied, remove tape, locate, and repair defect.

### POSSIBLE CAUSE OF WIND NOISE

- Moldings standing away from body surface can catch wind and whistle.
- Gaps in sealed areas behind overhanging body flanges can cause wind-rushing sounds.
- Misaligned movable components.
- Missing or improperly installed plugs in pillars.
- Weld burn through holes.

## SERVICE PROCEDURES

### HEAT STAKING

(1) Remove trim panel.

(2) Bend or move the trim panel components at the heat staked joints. Observe the heat staked locations and/or component seams for looseness.

(3) Heat stake the components.

(a) If the heat staked or component seam location is loose, hold the two components tightly together and using a soldering gun with a flat tip, melt the material securing the components together. Do not over heat the affected area, damage to the exterior of the trim panel may occur.

(b) If the heat staked material is broken or missing, use a hot glue gun to apply new material to the area to be repaired. The panels that are being heat staked must be held together while the applying the glue. Once the new material is in place, it may be necessary to use a soldering gun to melt the newly applied material. Do not over heat the affected area, damage to the exterior of the trim panel may occur.

## SERVICE PROCEDURES (Continued)

- (4) Allow the repaired area to cool and verify the repair.
- (5) Install trim panel.

## REMOVAL AND INSTALLATION

## AIR EXHAUSTER VENT

## REMOVAL

- (1) Open deck lid.
- (2) Move trunk carpet to access the air exhauster in the right/left rear corner of the trunk (Fig. 1).
- (3) From inside trunk push the air exhauster outward to release clips.
- (4) Reach under fascia and pull air exhauster outward from trunk side panel.
- (5) Remove air exhauster from vehicle.

## INSTALLATION

- (1) Place air exhauster in position. Ensure that the locator tab is aligned.
- (2) Engage the upper half of the air exhauster then push the lower half in until the clips click into place.
- (3) Install trunk carpet into position.

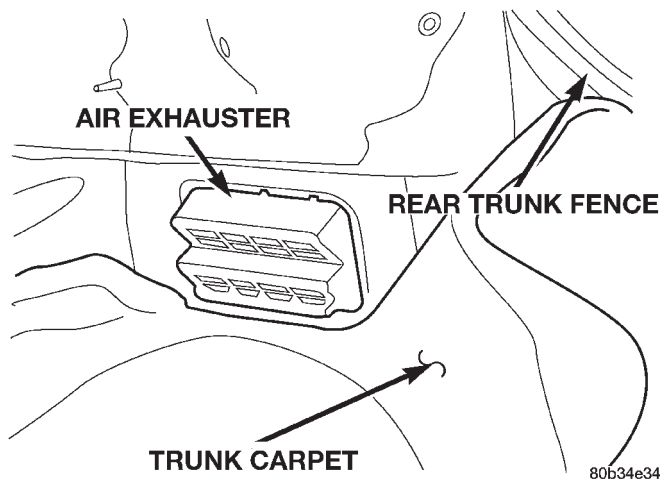


Fig. 1 Air Exhauster

## A-PILLAR TRIM

## REMOVAL

- (1) Remove instrument panel end cap.
- (2) Disengage clips attaching trim to A-pillar by pulling on trim (Fig. 2).

- (3) Slide A-pillar trim rearward, to disengaging from instrument panel top cover.
- (4) Remove A-pillar trim from vehicle.

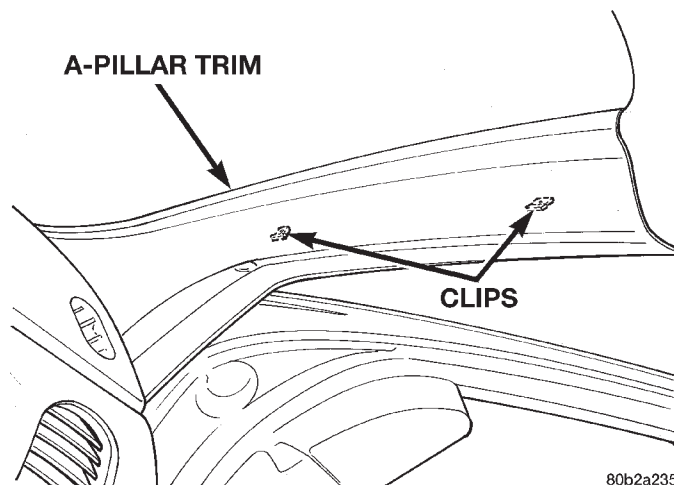


Fig. 2 A-Pillar Trim

## INSTALLATION

- (1) Slide A-pillar trim forward ensuring that the trim engages with the instrument panel top cover.
- (2) Engage clips to attach trim to A-pillar.
- (3) Install instrument panel end cap.

## B-PILLAR LOWER TRIM

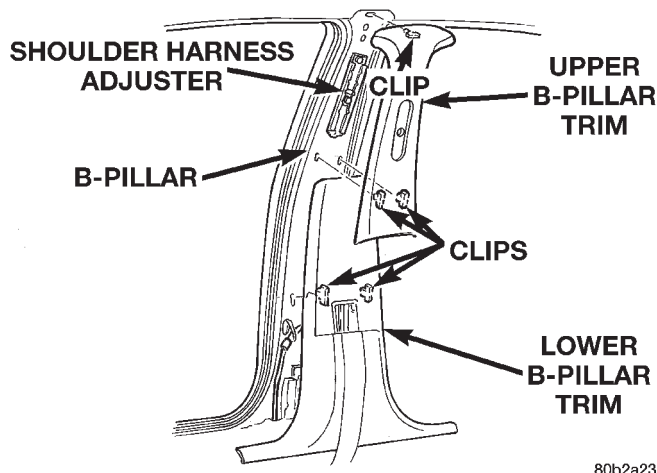
## REMOVAL

- (1) Remove upper B-pillar trim.
- (2) Remove bolt attaching seat belt to floor below B-pillar (Fig. 3).
- (3) Remove access door from above seat belt slot on B-pillar trim.
- (4) Disengage clips attaching lower trim to B-pillar.
- (5) Slide seat belt through the B-pillar trim.
- (6) Remove B-pillar trim from vehicle.

## INSTALLATION

- (1) Slide seat belt through the B-pillar trim.
- (2) Place B-pillar trim in position on vehicle.
- (3) Engage clips to hold lower trim to B-pillar.
- (4) Install access door above seat belt slot on B-pillar trim.
- (5) Install bolt to hold seat belt to floor below B-pillar.
- (6) Install upper B-pillar trim.
- (7) Refit weatherstrip.

## REMOVAL AND INSTALLATION (Continued)



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**Fig. 3 B-Pillar Lower and Upper Trim****B-PILLAR UPPER TRIM****REMOVAL**

- (1) Disengage shoulder belt turning loop cover.
- (2) Remove bolt holding turning loop to shoulder belt height adjuster.
- (3) Remove turning loop from adjuster.
- (4) Remove adjuster knob.
- (5) Disengage clips holding upper trim to B-pillar (Fig. 3).
- (6) Remove B-pillar trim from vehicle.

**INSTALLATION**

- (1) Place B-pillar trim in position on vehicle.
- (2) Engage clips to hold upper trim to B-pillar.
- (3) Place shoulder belt turning loop in position on adjuster.
- (4) Install bolt to hold turning loop to shoulder belt height adjuster.
- (5) Install shoulder belt turning loop cover.
- (6) Refit weatherstrip.

**BODY SIDE MOLDING AND APPLIQUE****STICK-ON BODY SIDE MOLDING REMOVAL AND INSTALLATION**

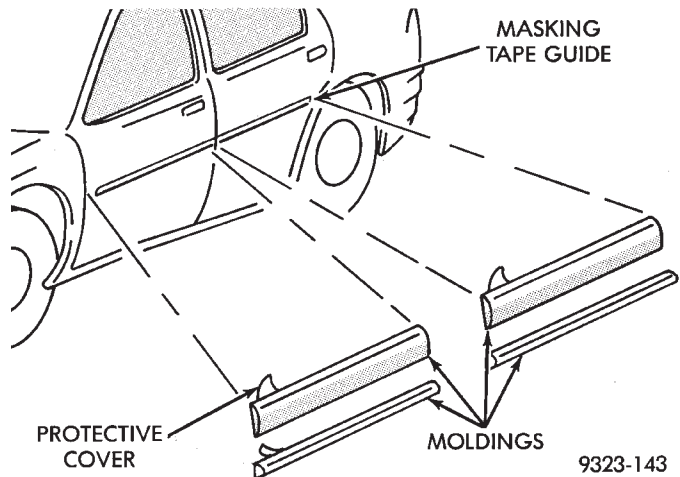
- (1) Warm the effected stick-on molding and body metal to approximately 38° C (100° F) using a suitable heat lamp or heat gun.
- (2) Pull stick-on molding from painted surface.
- (3) Remove adhesive tape residue from painted surface of vehicle.
- (4) If molding is to be reused, remove tape residue from molding. Clean back of molding with Mopar® Super Kleen solvent or equivalent. Wipe molding dry with lint free cloth. Apply new body side molding (two sided adhesive) tape to back of molding.

(5) Clean body surface with Mopar® Super Kleen solvent or equivalent. Wipe surface dry with lint free cloth.

(6) Apply a length of masking tape on the body, parallel to the top edge of the molding to use as a guide, if necessary.

(7) Remove protective cover from tape on back of molding. Apply molding to body below the masking tape guide.

(8) Remove masking tape guide and heat body and molding, see step one. Firmly press molding to body surface to assure adhesion.



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**Fig. 4 Body Side Molding****CENTER CONSOLE****REMOVAL**

- (1) Remove center console shift bezel.
- (2) Remove side panels (Fig. 5), or (Fig. 6).
- (3) Remove fasteners attaching forward bracket to instrument panel.
- (4) Remove fasteners attaching bottom of console storage bin to rear mounting bracket (Fig. 7).
- (5) Remove center console from vehicle.

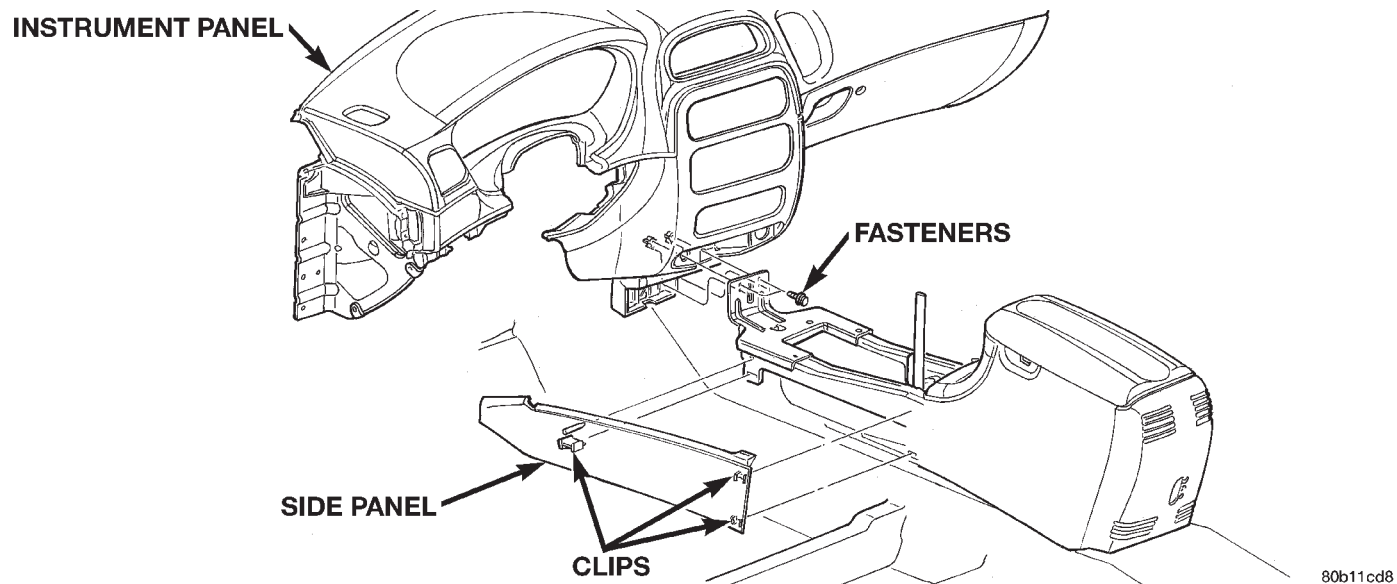
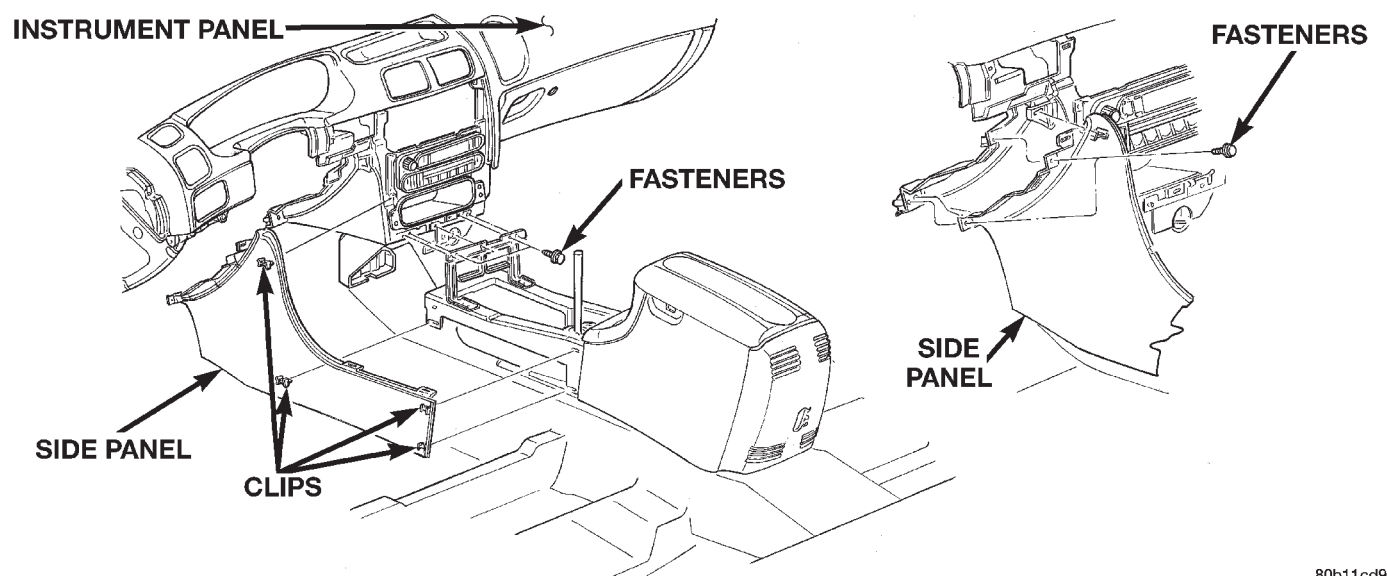
**INSTALLATION**

- (1) Place center console in position on vehicle.
- (2) Install fasteners to attach forward bracket to instrument panel.
- (3) Install fasteners to attach bottom of console storage bin to rear mounting bracket.
- (4) Install side panels.
- (5) Install center console shift bezel.

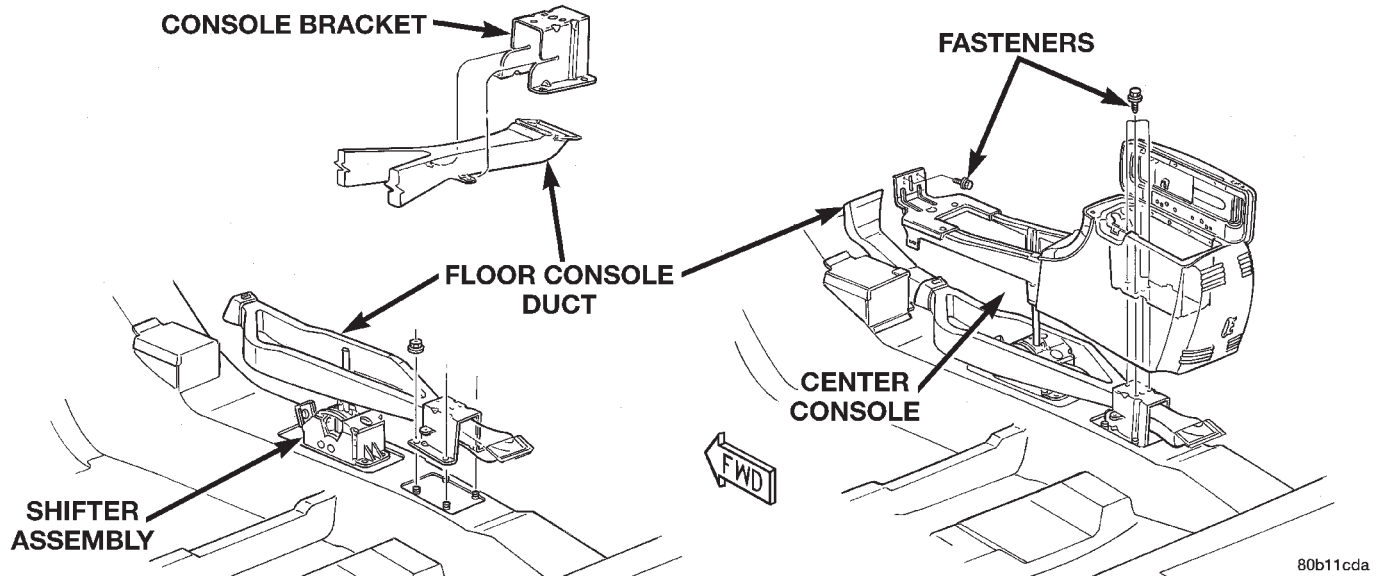
**CENTER CONSOLE ARMREST LATCH****REMOVAL**

- (1) Open armrest lid.
- (2) Remove latch attaching screws.
- (3) Remove latch from console.

## REMOVAL AND INSTALLATION (Continued)

*Fig. 5 Center Console Side Panels – Concorde**Fig. 6 Center Console Side Panels – Intrepid Shown – LHS/300M Similar*

## REMOVAL AND INSTALLATION (Continued)

**Fig. 7 Center Console****INSTALLATION**

- (1) Place latch in position.
- (2) Install screws to attach latch to console.
- (3) Check operation of latch.

**CENTER CONSOLE ARMREST LID****REMOVAL**

- (1) Open armrest lid.
- (2) Remove lid attaching screws.
- (3) Remove lid from console.

**INSTALLATION**

- (1) Place lid in position.
- (2) Install screws to attach lid to console.
- (3) Check operation of lid.

**CENTER CONSOLE SHIFT BEZEL****REMOVAL**

- (1) Place gear selector in neutral.
- (2) Loosen set screw attaching gear shift knob to gear shift.
- (3) Remove gear shift knob from gear shift.
- (4) Disengage clips attaching bezel to center console (Fig. 8), or (Fig. 9).
- (5) Disconnect the ash tray light and power outlet, if equipped.
- (6) Disconnect the transmission range indicator illumination connector.
- (7) Remove bezel from vehicle.

**INSTALLATION**

- (1) Connect the transmission range indicator illumination connector.
- (2) Connect the transmission indicator lamp. Connect ash tray light, if equipped.

- (3) Place bezel in position on vehicle.
- (4) Engage clips attaching bezel to center console.
- (5) Push gear shift knob onto gear shift.
- (6) Tighten set screw attaching gear shift knob to gear shift.

**CENTER CONSOLE CUP HOLDER ASSEMBLY****REMOVAL**

- (1) Remove center console shift bezel (Fig. 8), or (Fig. 9).
- (2) Raise console armrest lid.
- (3) Remove screws at top and bottom of cup holder assembly (Fig. 10).
- (4) Lift up and forward to remove assembly.

**INSTALLATION**

- (1) Place cup holder into center console and align screw holes.
- (2) Install upper and lower screws.
- (3) Lower console armrest lid.
- (4) Install center console shift bezel.

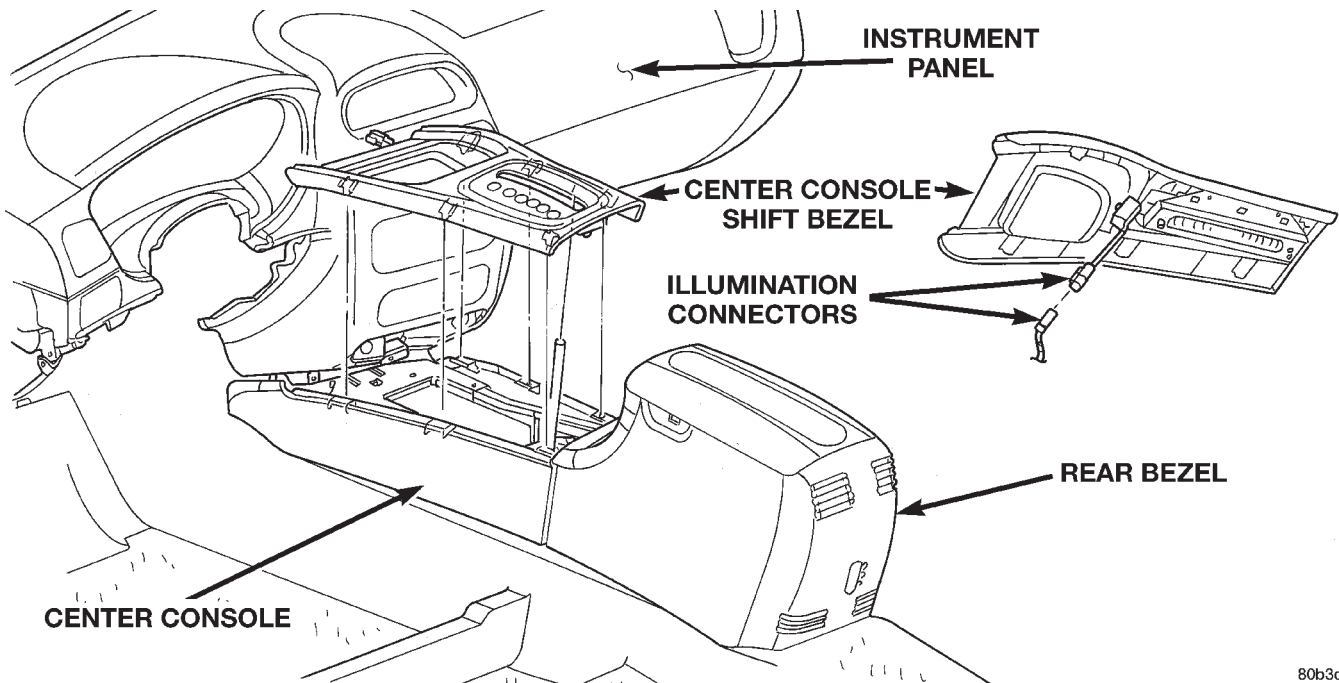
**CENTER CONSOLE SIDE PANELS – CONCORDE/LHS****REMOVAL**

- (1) Move seats to the full rear position.
- (2) Remove center console shift bezel (Fig. 8).
- (3) Disengage clips from center console (Fig. 5).
- (4) Remove side panels.

**INSTALLATION**

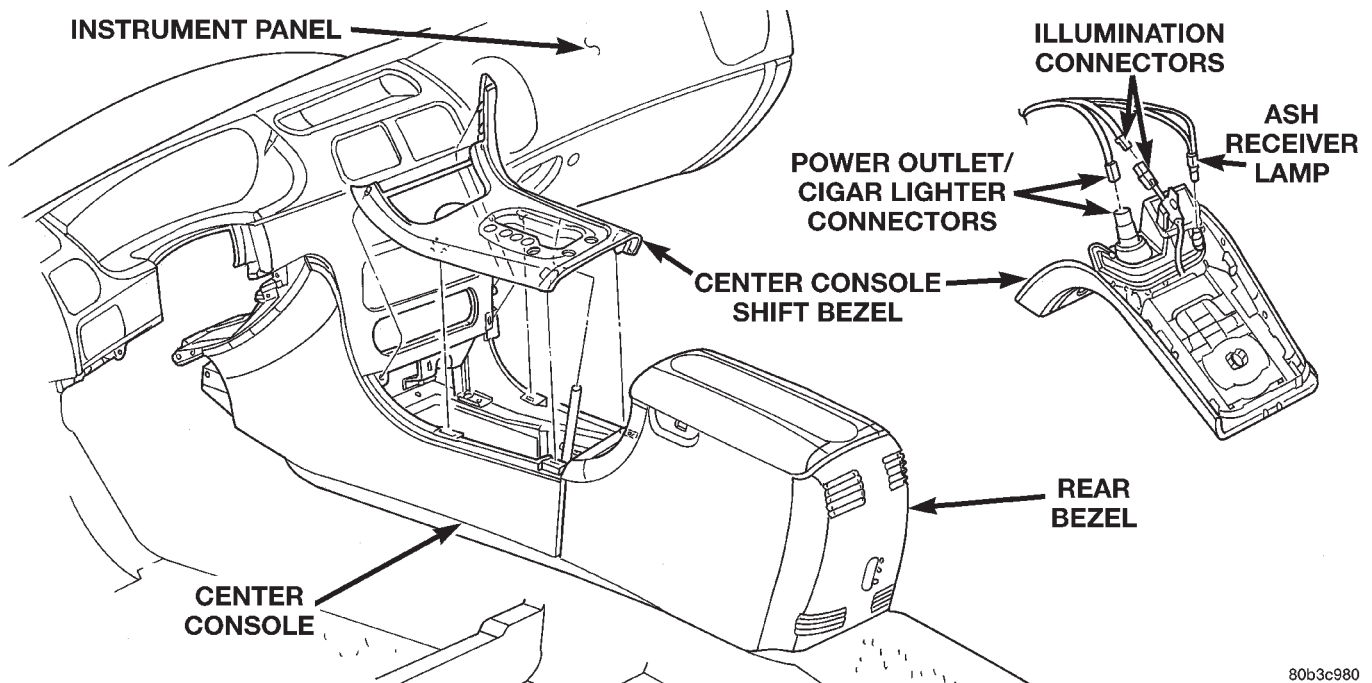
- (1) Place center console side panels in position on vehicle.
- (2) Press side panel to seat clips.
- (3) Install center console shift bezel.

## REMOVAL AND INSTALLATION (Continued)



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Fig. 8 Center Console Bezel – Concorde



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Fig. 9 Center Console Bezel – Intrepid Shown – LHS/300M Similar

**CENTER CONSOLE SIDE PANELS – INTREPID, LHS, 300M****REMOVAL**

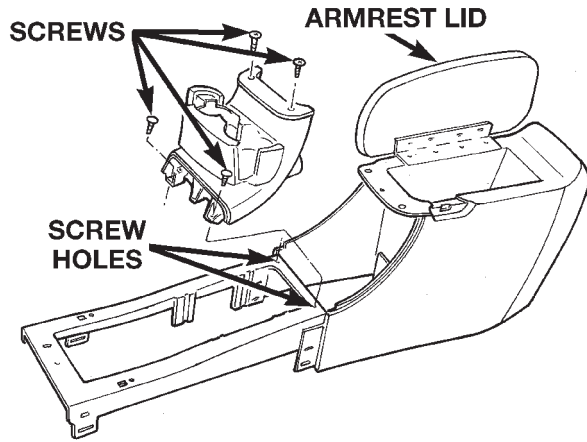
- (1) Move seats to the full rear position.
- (2) Remove center console bezel (Fig. 9).
- (3) Remove steering column cover.
- (4) Remove fasteners from the side panels (Fig. 6).
- (5) Disengage side panel clips from center console.

- (6) Remove side panels.

**INSTALLATION**

- (1) Place center console side panels in position on vehicle.
- (2) Press on side panel to seat clips.
- (3) Install fasteners to side panels.
- (4) Install steering column cover.
- (5) Install center console shift bezel.

## REMOVAL AND INSTALLATION (Continued)



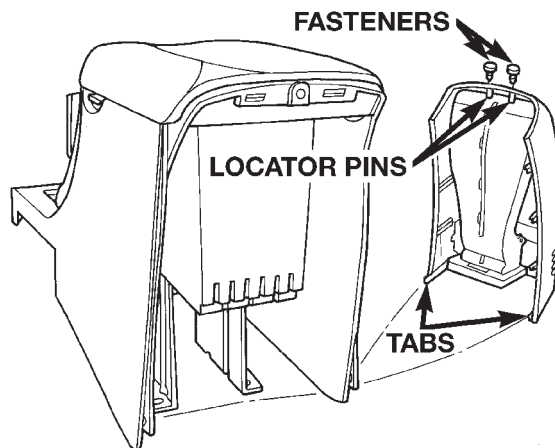
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**Fig. 10 Center Console Cup Holder Assembly****CENTER CONSOLE REAR BEZEL****REMOVAL**

- (1) Disengage tabs on sides at bottom (Fig. 11).
- (2) Open arm rest lid and remove rear bezel attaching screws.
- (3) Remove rear bezel.

**INSTALLATION**

- (1) Align rear bezel in position on console.
- (2) Install rear bezel attaching screws.
- (3) Push forward at the bottom to lock tabs in position.



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**Fig. 11 Center Console Rear Bezel****CROSS CAR BEAM****REMOVAL**

- (1) Remove steering column and instrument panel from vehicle.
- (2) Remove fasteners attaching cross car beam to plenum in both locations (Fig. 12).
- (3) Remove left side fasteners attaching the cross car beam to cowl side panel.

- (4) Remove right side fasteners attaching the cross car beam to cowl side panel.
- (5) Remove cross car beam from vehicle.

**INSTALLATION**

- (1) Place cross car beam in position in vehicle.
- (2) Install right side fasteners attaching the cross car beam to cowl side panels.
- (3) Install left side fasteners attaching the cross car beam to cowl side panels.
- (4) Install fasteners to plenum in both locations.
- (5) Install steering column and instrument panel.

**COWL SCREEN****REMOVAL**

- (1) Release hood latch and open hood.
- (2) Remove wiper arms. Refer to Group 8K, Windshield Wiper and Washer Systems.
- (3) Remove screws attaching cowl screen at the windshield and under hood (Fig. 13).
- (4) Remove cowl screen from vehicle.

**INSTALLATION**

- (1) Place cowl screen in position on vehicle.
- (2) Install cowl screen screws, starting at fender moving inboard.
- (3) Install wiper arms. Refer to Group 8K, Windshield Wiper and Washer Systems.

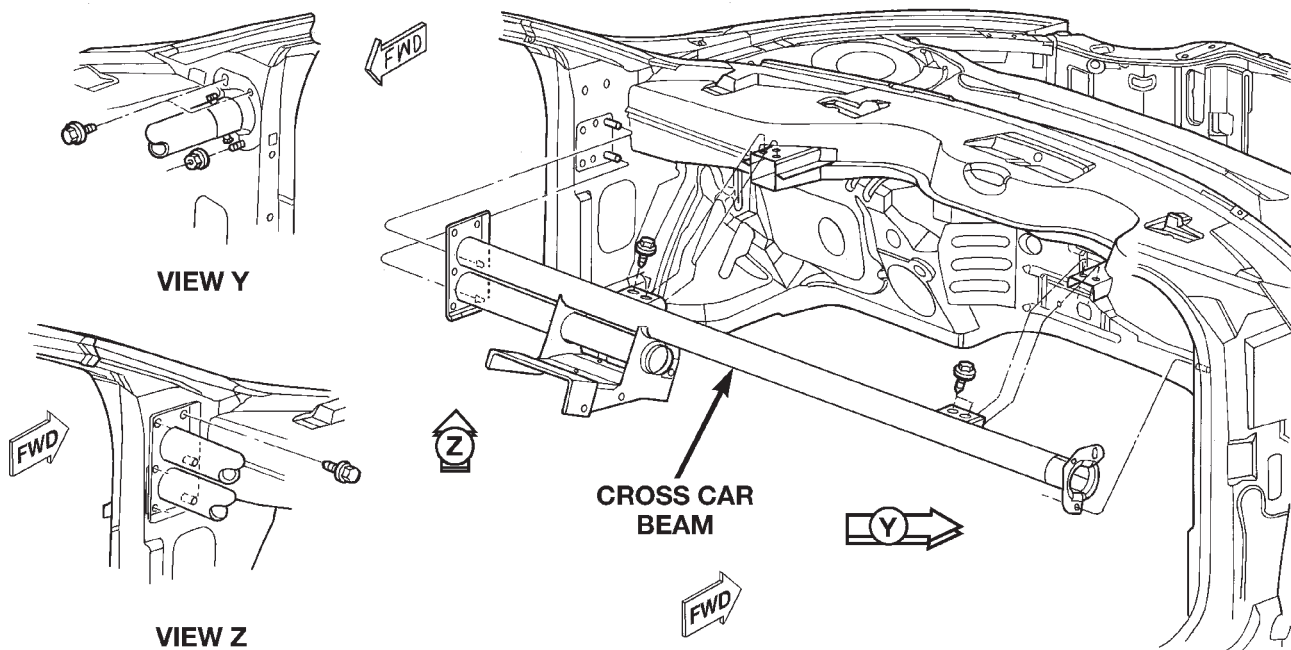
**DECK LID LATCH****REMOVAL**

- (1) Open deck lid.
- (2) Remove fasteners attaching deck lid lining to rear of deck lid.
- (3) Remove bolts attaching deck lid latch to deck lid (Fig. 14), (Fig. 15) or (Fig. 16).
- (4) Remove deck lid latch from deck lid.
- (5) Disconnect power lock connector from latch solenoid.
- (6) Disconnect deck lid ajar switch connector from latch.
- (7) Remove latch from vehicle.

**INSTALLATION**

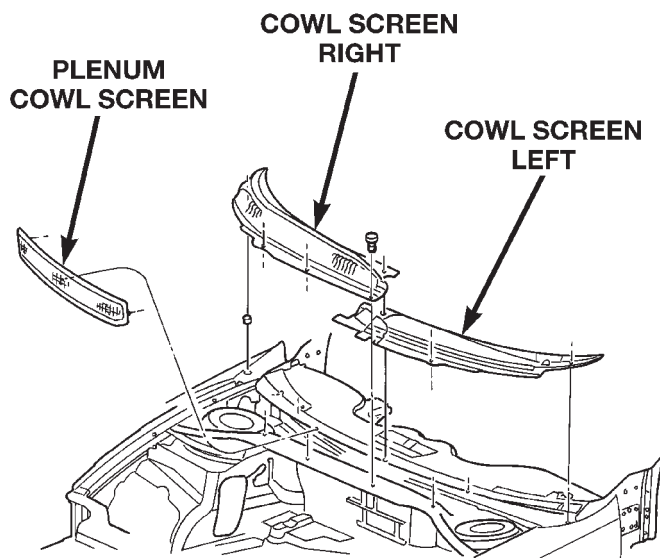
- (1) Place latch in position on vehicle.
- (2) Connect deck lid ajar switch connector on latch.
- (3) Connect power lock connector on latch solenoid.
- (4) Place deck lid latch in position on deck lid.
- (5) Install bolts to attach deck lid latch to deck lid.
- (6) Adjust deck lid latch for proper deck lid to quarter panel alignment and weatherstrip sealing.
- (7) Install fasteners to attach deck lid lining to rear of deck lid.
- (8) Verify deck lid latch operation.

## REMOVAL AND INSTALLATION (Continued)



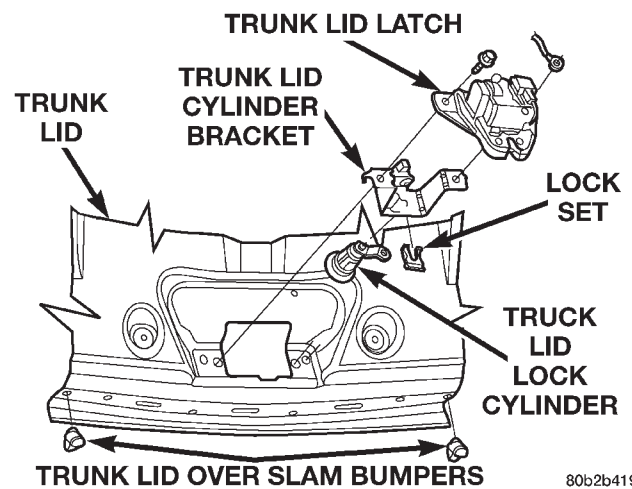
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Fig. 12 Cross Car Beam



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Fig. 13 Cowl Screen



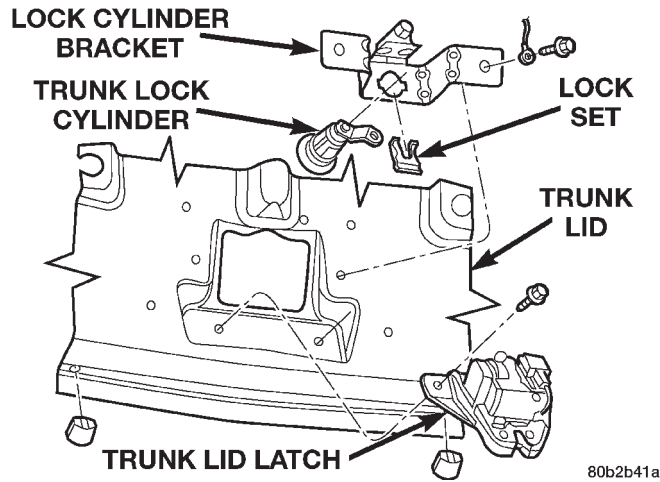
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Fig. 14 Deck Lid Latch – Concorde/LHS  
DECK LID

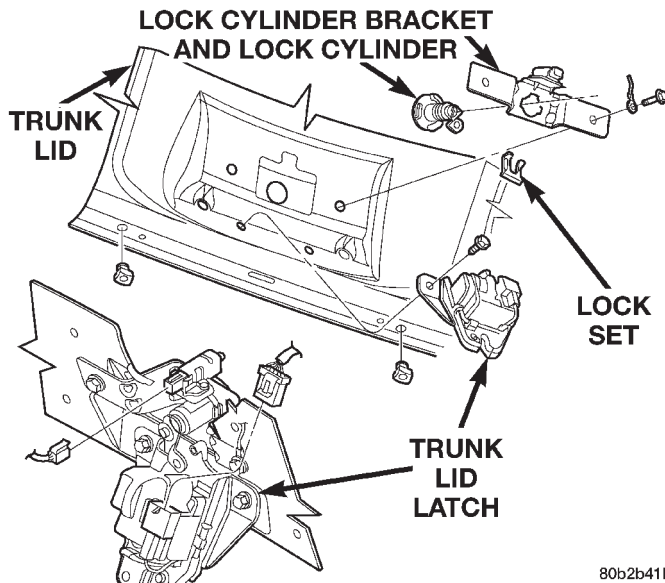
## REMOVAL

- (1) Release deck lid latch and open deck lid.
- (2) Mark bolt locations on inside of deck lid to aid installation.

## REMOVAL AND INSTALLATION (Continued)



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**Fig. 15 Deck Lid Latch – Intrepid**

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**Fig. 16 Deck Lid Latch – 300M**

(3) Disconnect the wire harness connector, if equipped.

(4) Remove bolts attaching top of hinge to deck lid.

(5) With aid from a helper, remove bolts attaching bottom of hinge to deck lid (Fig. 17).

(6) Remove deck lid from vehicle.

**INSTALLATION**

(1) Place deck lid in position on vehicle.

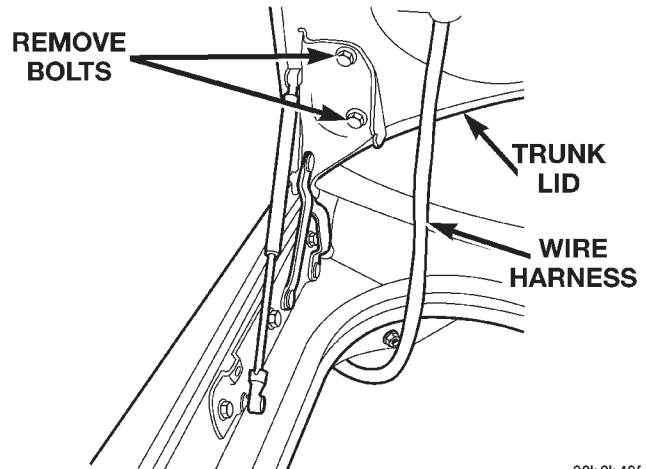
(2) With aid from a helper, install bolts attaching bottom of hinge to deck lid.

(3) Install bolts to attach top of hinge to deck lid.

(4) Connect wire harness connector.

(5) Align deck lid to achieve equal spacing on all sides and flush across gaps.

(6) Verify deck lid operation and sealing.



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**Fig. 17 Deck Lid****DECK LID COVER****REMOVAL**

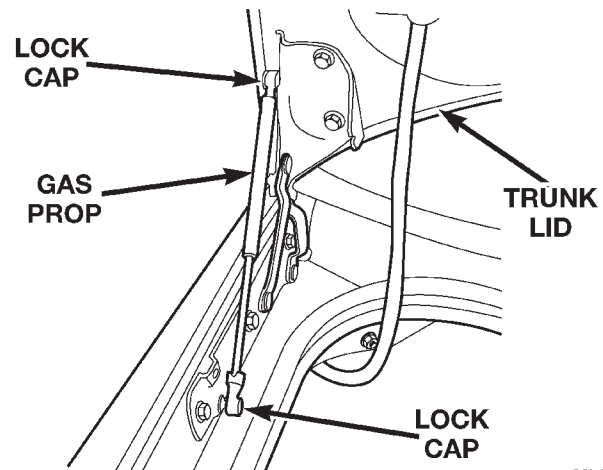
- (1) Release deck latch and open deck lid.
- (2) Remove fasteners attaching deck lid cover to deck lid.
- (3) Remove deck lid cover from vehicle.

**INSTALLATION**

- (1) Place deck lid cover in position on vehicle.
- (2) Install fastener attaching deck lid cover to deck lid.

**DECK LID GAS PROPS****REMOVAL**

- (1) Open deck lid.
- (2) Support deck lid with a suitable prop device.
- (3) Remove gas prop lock caps on each end (Fig. 18).
- (4) Remove gas prop from vehicle.



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**Fig. 18 Deck Lid Gas Prop**

## REMOVAL AND INSTALLATION (Continued)

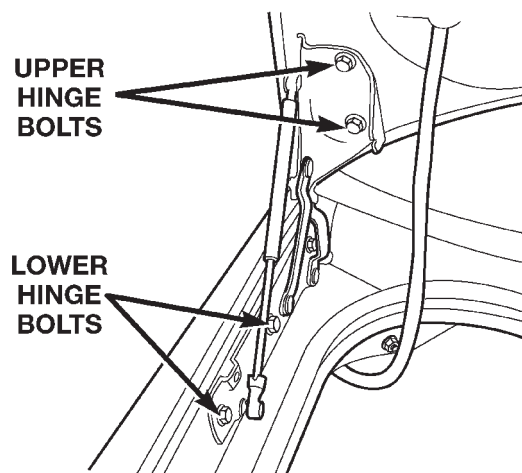
## INSTALLATION

- (1) Place gas prop in position on vehicle.
- (2) Install the lock caps on the gas prop.
- (3) Verify deck lid operation.

## DECK LID HINGE

## REMOVAL

- (1) Open deck lid.
- (2) Support deck lid with a suitable prop device or block.
- (3) Remove hinge bolts (Fig. 19).
- (4) Remove hinge from vehicle.



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**Fig. 19 Deck Lid Gas Prop**

## INSTALLATION

- (1) Place hinge in position on vehicle.
- (2) Install hinge bolts.
- (3) Verify deck lid operation and alignment.

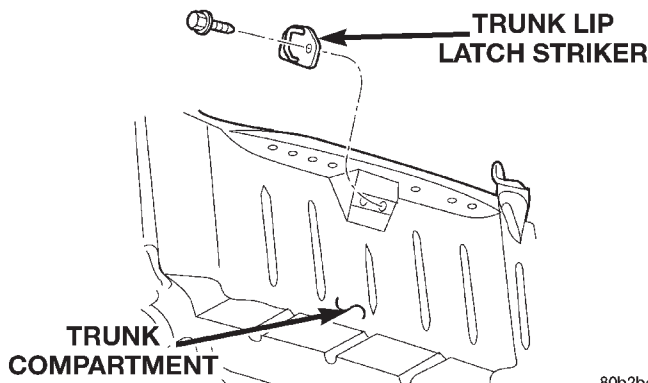
## DECK LID LATCH STRIKER

## REMOVAL

- (1) Open deck lid.
- (2) Remove deck lid liner as necessary.
- (3) Remove bolts attaching latch striker (Fig. 20).
- (4) Remove latch striker from vehicle.

## INSTALLATION

- (1) Place latch striker in position.
- (2) Install bolts attaching latch striker.
- (3) Verify deck lid operation and alignment.
- (4) Place deck lid liner in position.



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**Fig. 20 Deck Lid Latch Striker**

## DECK LID SLAM BUMPER

## REMOVAL

- (1) Open deck lid.
- (2) Pull slam bumper from deck lid.
- (3) Remove slam bumper from deck lid.

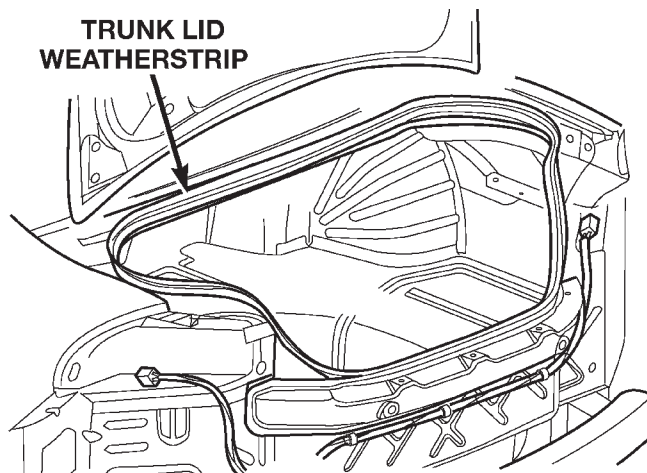
## INSTALLATION

- (1) Place slam bumper in position on deck lid.
- (2) Push slam bumper into deck lid.
- (3) Verify deck lid alignment.

## DECK LID WEATHERSTRIP

## REMOVAL

- (1) Open deck lid.
- (2) Pull deck lid weatherstrip from trunk opening fence (Fig. 21).
- (3) Remove weatherstrip from vehicle.



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**Fig. 21 Deck Lid Weatherstrip - Typical**

## REMOVAL AND INSTALLATION (Continued)

### INSTALLATION

- (1) Place weatherstrip in position on vehicle.
- (2) Push deck lid weatherstrip onto trunk opening fence with molded joint at striker location.
- (3) Verify deck lid operation and sealing.

### DECK LID LOCK CYLINDER

#### REMOVAL

- (1) Open deck lid.
- (2) Remove fasteners attaching deck lid lining to rear of deck lid.
- (3) Remove bolts attaching deck lid latch to deck lid (Fig. 14), (Fig. 15) or (Fig. 16).
- (4) Remove deck latch from deck lid.
- (5) Disconnect power lock connector from latch solenoid.
- (6) Disconnect deck lid ajar switch connector from latch.
- (7) Remove latch from vehicle.
- (8) Remove deck lid lock set.
- (9) Remove deck lid lock cylinder.

#### INSTALLATION

- (1) Install deck lid lock cylinder.
- (2) Install deck lid lock set.
- (3) Place latch in position on vehicle.
- (4) Connect deck lid ajar switch connector on latch.
- (5) Connect power lock connector on latch solenoid.
- (6) Place deck lid latch in position on deck lid.
- (7) Install bolts to attach deck lid latch to deck lid.
- (8) Adjust deck lid latch for proper deck lid to quarter panel alignment and weatherstrip sealing.
- (9) Install fasteners to attach deck lid lining to rear of deck lid.
- (10) Verify deck lid latch operation.

### DOOR HINGE DOUBLE ENDED STUD

#### REMOVAL

- (1) Remove door hinge.
- (2) To remove double ended stud, double nut stud and back stud out of door frame. If stud is broken, use locking pliers on the shoulder of the double ended stud and back stud out of door frame (Fig. 22).

#### INSTALLATION

**NOTE: Replacement hinge studs have thread sealer on threads. When reusing original studs, use Mopar® Lock and Seal Adhesive or equivalent on stud threads.**

- (1) Install double ended stud into the door frame. Tighten the double ended stud to 14 N·m (120 in. lbs.) torque.

- (2) Install hinge. Tighten the hinge bolt and nut to 28 N·m (250 in. lbs.) torque.
- (3) Verify door alignment and operation, adjust as necessary.

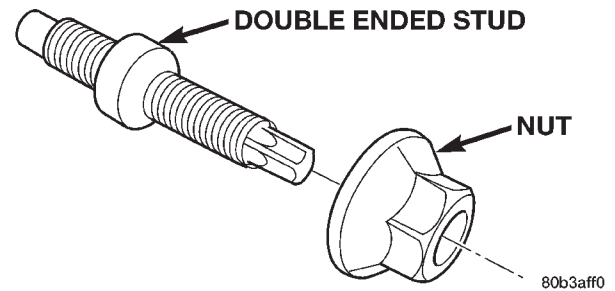


**Fig. 22 Door Hinge Double Ended Stud**

### DOOR LOCK CYLINDER

#### REMOVAL

- (1) Remove door trim panel.
- (2) Remove water shield, as necessary.
- (3) Raise door glass.
- (4) Disengage clip holding lock link to lock cylinder.
- (5) Disconnect link from lock cylinder.
- (6) Disconnect clip attaching lock cylinder to door handle.
- (7) Pull lock cylinder from door handle (Fig. 23).

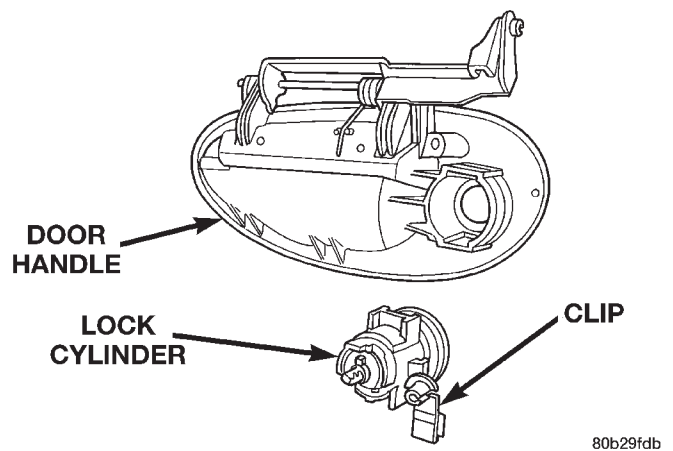


**Fig. 23 Door Lock Cylinder**

#### INSTALLATION

- (1) Push lock cylinder into socket on door handle.
- (2) Insert link into clip on lock cylinder.
- (3) Engage clip to fasten lock link to lock cylinder.
- (4) Verify lock operation.
- (5) Install water shield.
- (6) Install door trim panel.

## REMOVAL AND INSTALLATION (Continued)

**DOOR SILL TRIM****REMOVAL**

The door sills are attached with push in fasteners

(1) Remove fasteners attaching door sill trim to sill panel (Fig. 24).

(2) Remove sill trim from vehicle.

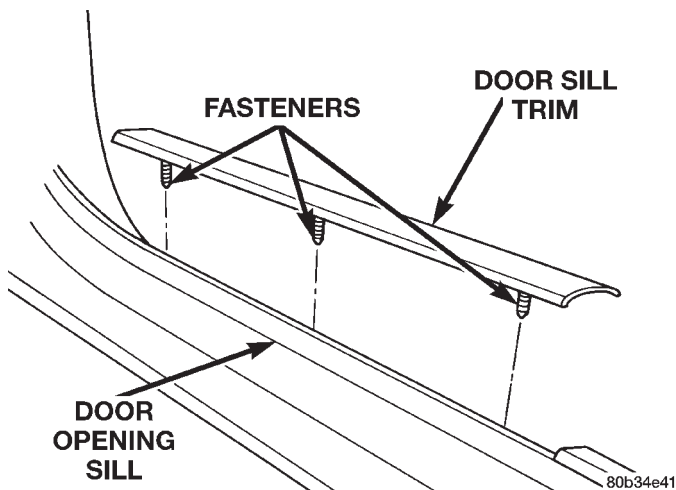


**Fig. 24 Door Sill Trim**

**INSTALLATION**

(1) Place sill trim in position on vehicle.

(2) Install fasteners to attach door sill trim to sill panel.

**DRIP RAIL WEATHERSTRIP****REMOVAL**

(1) Open front and rear doors.

(2) Remove fasteners attaching drip rail weatherstrip to body and fender tip. (Fig. 25).

(3) Remove drip rail weatherstrip from vehicle.

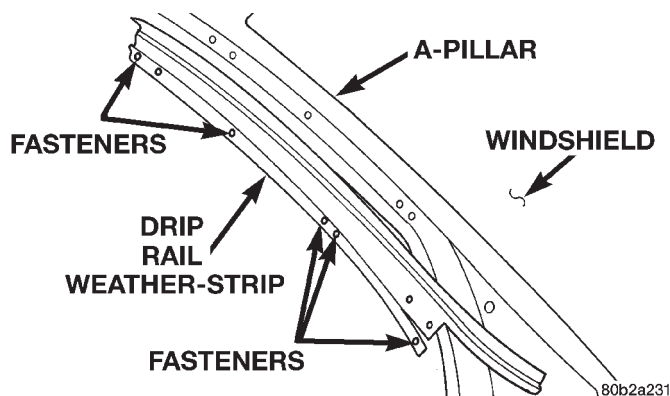


**Fig. 25 Drip Rail Weatherstrip**

**INSTALLATION**

(1) Place drip rail weatherstrip in position on vehicle.

(2) Start position clip at the fender tip.

(3) Press down till holes are align with fastener holes in the body.

(4) Install fasteners to attach drip rail weatherstrip to roof rail.

(5) Close doors and verify fit.

**FENDER****REMOVAL**

(1) Remove headlamp housing. Refer to Group 8L, Lamps, for proper procedures.

(2) Remove front bumper fascia as necessary to clear removal path of front fender. Refer to Group 13, Frame and Bumpers, for proper procedures.

(3) Remove bolt attaching fender to rocker panel.

(4) From inside door opening, remove bolts attaching fender to hinge pillar brackets.

(5) Remove bolts attaching fender to radiator closure panel.

(6) From inside engine compartment, remove bolts attaching fender to inner wheelhouse panel.

(7) Remove fender from vehicle (Fig. 26).

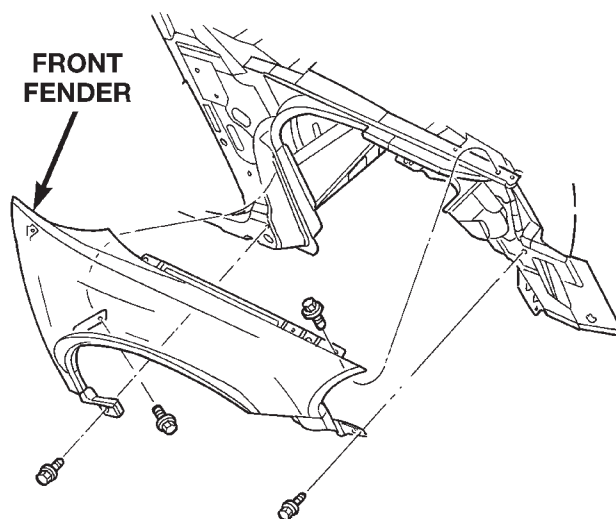


**Fig. 26 Fender**

**INSTALLATION**

(1) Place fender in position on vehicle.

(2) From inside engine compartment, install bolts to attach fender to inner wheelhouse panel.

(3) Install bolts to attach fender to radiator closure panel.

(4) From inside door opening, install bolts to attach fender to hinge pillar brackets.

(5) Install bolt to attach fender to rocker panel.

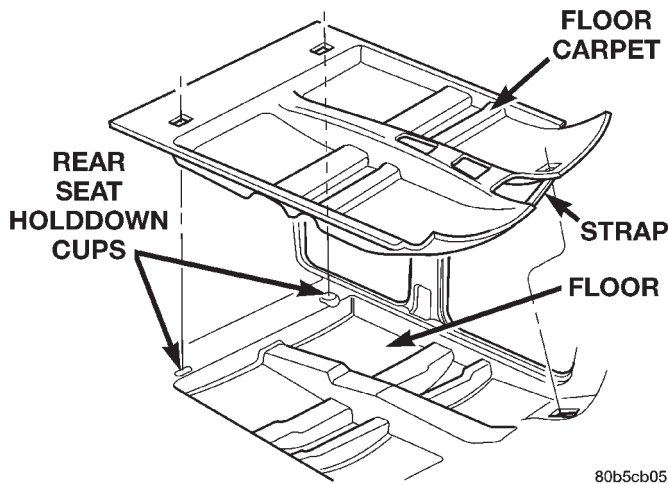
(6) Install front bumper fascia.

(7) Install headlamp assembly.

## REMOVAL AND INSTALLATION (Continued)

**FLOOR CARPET****REMOVAL**

- (1) Remove floor mats.
- (2) Remove door sill trim covers.
- (3) Remove cowl side trim covers.
- (4) Remove front seats.
- (5) Remove bolts attaching front seat belt lower anchors to floor below B-pillar trim panels.
- (6) Remove center console, if equipped.
- (7) Remove rear seat cushion.
- (8) Remove gas pedal bracket.
- (9) Remove carpet fasteners.
- (10) Cut carpet strap behind the instrument panel center support bracket.
- (11) Remove carpet from vehicle (Fig. 27).

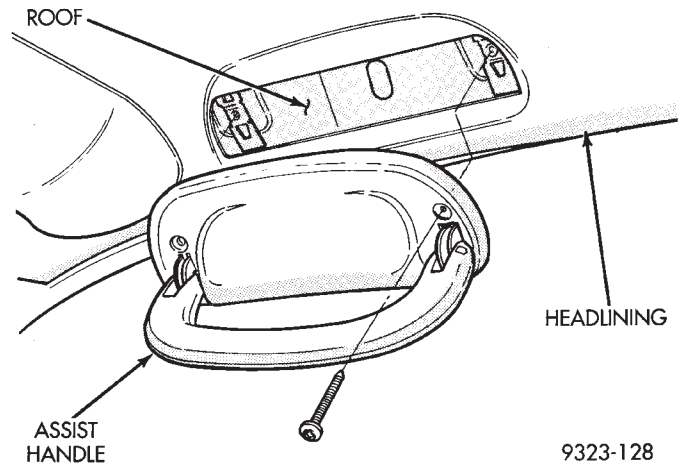
**Fig. 27 Floor Carpet****INSTALLATION**

- (1) Cut carpet as necessary.
- (2) Place carpet in proper position on floor of vehicle.
- (3) Install carpet fasteners.
- (4) Using double back tape or hook and loop, secure carpet strap behind the instrument panel center support bracket.
- (5) Install cowl side trim covers.
- (6) Install door sill trim covers.
- (7) Install rear seat cushion.
- (8) Install gas pedal bracket.
- (9) Install center console, if equipped.
- (10) Install bolts to attach seat belt lower anchors to floor below B-pillar trim panels.
- (11) Install front seats.
- (12) Install floor mats.

**FRONT ASSIST HANDLE****REMOVAL**

- (1) Pull and hold assist handle down.
- (2) Remove screws attaching assist handle to roof (Fig. 28).

- (3) Remove assist handle from vehicle.



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**Fig. 28 Front Assist Handle****INSTALLATION**

- (1) Place assist handle in position on vehicle.
- (2) Install screws to attach assist handle to roof.

**FRONT DOOR****REMOVAL**

- (1) Open front door.
- (2) Mark location of hinge on door end frame.
- (3) Disengage clips holding wire harness connector and boot to hinge pillar.
- (4) Remove connector from hinge pillar.
- (5) Disengage clip holding wire connector together on hinge pillar side of the connector.
- (6) Remove door wire harness from instrument panel harness.
- (7) Disengage door check stop from pin on upper door hinge.
- (8) Support door on suitable lifting device.
- (9) Remove bolt and nut attaching lower hinge to door end frame (Fig. 29).
- (10) Steady door on lifting device and remove bolt and nut attaching upper hinge to door end frame.
- (11) Remove door from vehicle.

**INSTALLATION**

- (1) Place door in position on vehicle.
- (2) Engage door onto pin on upper door hinge.
- (3) Steady door on lifting device and install bolt and nut attaching upper hinge to door end frame. Tighten the hinge bolt and nut to 28 N·m (250 in lbs.) torque. If the double ended stud is loosen or replaced tighten the stud to 14 N·m (120 in. lbs.) torque.
- (4) Install bolt and nut attaching lower hinge to door end frame.
- (5) Verify door alignment and operation.
- (6) Connect door wire harness to instrument panel wire harness.

## REMOVAL AND INSTALLATION (Continued)

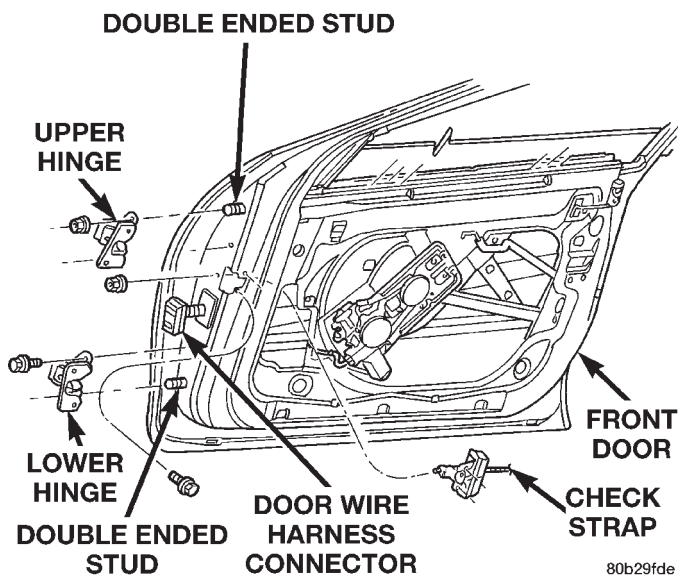


Fig. 29 Front Door and Hinge

- (7) Attach check strap.
- (8) Align door to achieve equal spacing to surrounding body panels. Panels should be flush across all gaps. If door needs to be aligned (damages or hinge replacement) and can not be achieved, may be necessary to remove the double ended stud and replaced it with a bolt. This may allow extra movement to achieve the proper alignment.

## FRONT DOOR BODY MOUNTED WEATHERSTRIP

## REMOVAL

- (1) Open front door.
- (2) Remove door opening sill plate.
- (3) Pull body mounted weatherstrip from fence around door opening (Fig. 30).

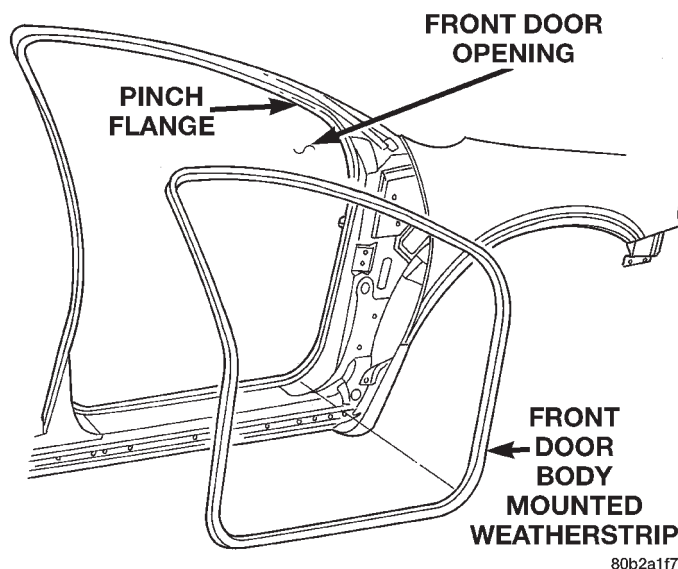


Fig. 30 Front Door Body Mounted Weatherstrip

## INSTALLATION

- (1) Position color dot on weatherstrip at the B-pillar upper corner.
- (2) Engage weatherstrip on the fence at upper B-pillar and work down the B-pillar.
- (3) Engage weatherstrip along the header and down the A-pillar.
- (4) Engage weatherstrip along the sill. There may be slack material work it to the front of the opening.
- (5) Verify weatherstrip sealing.

## FRONT DOOR CHECK STRAP

## REMOVAL

- (1) Place door glass in the full up position.
- (2) Remove door trim panel.
- (3) Remove water shield as necessary.
- (4) Remove bolts holding check strap to door end frame and body.
- (5) Remove check strap from vehicle (Fig. 31).

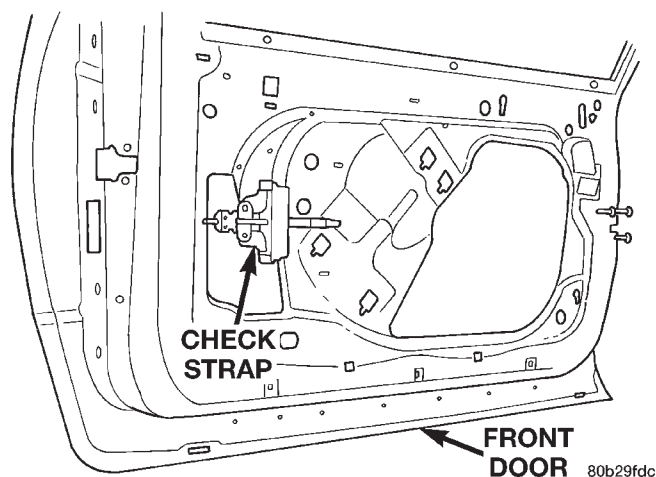


Fig. 31 Front Door Check Strap

## INSTALLATION

- (1) Place check strap in position on vehicle.
- (2) Install bolts to hold check strap to door end frame and body.
- (3) Install water shield.
- (4) Install door trim panel.

## FRONT DOOR FLAG ENCLOSURE COVER/PLATE

## REMOVAL

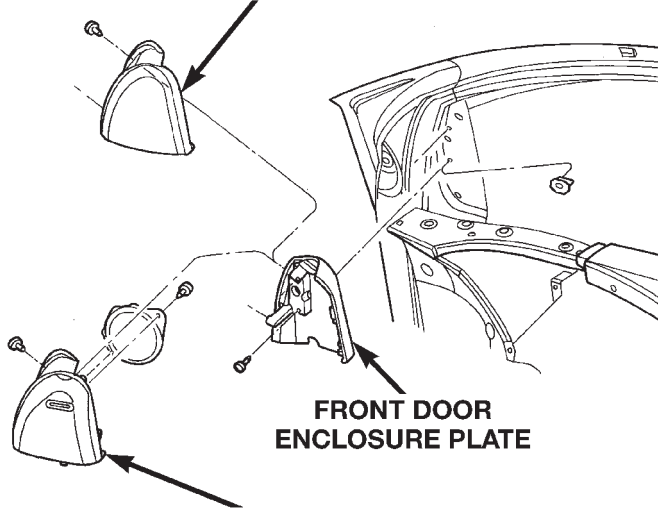
- (1) Open the front door.
- (2) Remove fasteners attaching the front door flag enclosure cover to the door. Remove speaker from cover, if necessary (Fig. 32).
- (3) Remove fasteners attaching the front door flag enclosure plate to front door, if necessary.

## REMOVAL AND INSTALLATION (Continued)

## INSTALLATION

- (1) Install fasteners attaching the front door flag enclosure plate to front door.
- (2) Install speaker to front door flag enclosure cover, if necessary.
- (3) Install fasteners attaching the front door flag enclosure cover to the door.

## FRONT DOOR W/O SPEAKER COVER



## FRONT DOOR WITH SPEAKER COVER

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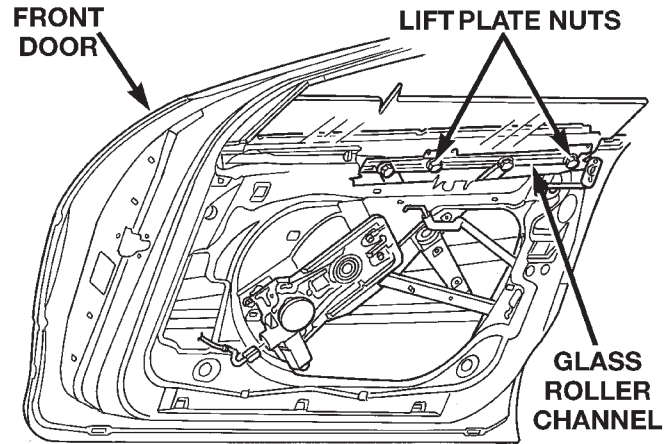
**Fig. 32 Front Door Flag Enclosure Cover and Plate**  
**FRONT DOOR GLASS**

## REMOVAL

- (1) Remove flag cover, door trim panel, water shield as necessary, and pull cup support bracket.
- (2) Connect power window switch and lower window 150 mm (6 in.) from full up position.
- (3) Loosen nuts attaching regulator roller channel to glass and lift plates.
- (4) Slide roller channel rearward to allow lift plate nuts to pass through key hole slots in channel (Fig. 33).
- (5) Remove glass from roller channel.
- (6) Raise glass upward and out of the opening at top of door.

## INSTALLATION

- (1) Lower glass into opening at top of door.
- (2) Place glass in position against roller channel.
- (3) Insert lift plate nuts into key hole slots in roller channel and slide channel forward to locked position.
- (4) Tighten nuts to attach regulator roller channel to glass and lift plates.
- (5) Install pull cup support bracket, water shield, door trim panel, and flag cover.



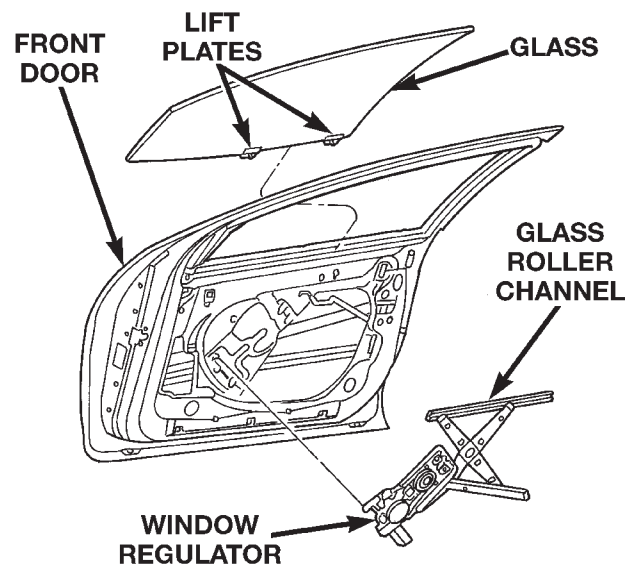
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**Fig. 33 Front Door Glass**

## FRONT DOOR GLASS REGULATOR

## REMOVAL

- (1) Remove flag cover, door trim panel, water shield as necessary, and pull cup support bracket.
- (2) Slide glass from regulator roller channel.
- (3) Disconnect power window motor wire connector.
- (4) Loosen bolt attaching regulator support brace to door panel.
- (5) Remove screw and bolt heads from keyhole slots in door panel.
- (6) Loosen bolts attaching regulator to door panel.
- (7) Remove regulator from door panel.
- (8) Slide regulator rearward and rotate forward end of roller channel through access hole in door panel (Fig. 34).



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**Fig. 34 Window Regulator**

**REMOVAL AND INSTALLATION (Continued)****INSTALLATION**

- (1) Insert roller channel through access hole in door panel.
- (2) Insert bolt heads on regulator through key hold slots in door panel.
- (3) Tighten bolts attaching regulator to door panel.
- (4) Tighten bolt to attach regulator support brace to door panel.
- (5) Tighten screw to attach regulator scissor channel to door panel.
- (6) Connect power window motor wire connector.
- (7) Lower door glass on to regulator roller channel.
- (8) Align glass and verify operation.
- (9) Install pull cup support bracket, water shield, door trim panel and flag cover.

**FRONT DOOR GLASS RUN WEATHERSTRIP****REMOVAL**

- (1) Remove flag cover, door trim panel, water shield as necessary, and pull cup support bracket.
- (2) Remove door glass.
- (3) Loosen side view mirror.
- (4) Pull weatherstrip from lower front channel above door latch.
- (5) Pull run weatherstrip from window frame channel (Fig. 35).

**INSTALLATION**

- (1) Clean butyl material from door flange area.
- (2) Place door run weatherstrip in position on window frame channel.
- (3) Push door run weatherstrip into window frame channel.
- (4) Push weatherstrip into lower front channel above door latch.
- (5) Install door glass.
- (6) Tighten side view mirror.
- (7) Install pull cup support bracket, water shield, door trim panel and flag trim.

**FRONT DOOR HINGE****REMOVAL**

- (1) Mark location of hinge on hinge pillar.
- (2) Remove bolt and nut attaching hinge to front door.
- (3) Remove bolts attaching hinge to hinge pillar (Fig. 36).
- (4) Remove hinge from vehicle.

**INSTALLATION**

- (1) Place hinge in position on vehicle.
- (2) Install bolt and nut attaching hinge to hinge pillar. Tighten the hinge bolt to 28 N·m (250 in lbs.) torque.
- (3) Install bolt and nut attaching hinge to front door. Tighten the hinge bolt and nut to 28 N·m (250 in lbs.) torque. If the double ended stub is removed or replaced tighten the stud to 14 N·m (120 in. lbs.) torque.
- (4) Verify door alignment and operation, adjust as necessary.

**FRONT DOOR LATCH****REMOVAL**

- (1) Close door glass.
- (2) Remove door trim panel.
- (3) Remove water shield as necessary.
- (4) Remove rear glass channel.
- (5) Disconnect lock button link from door latch.
- (6) Disconnect lock cylinder link from door latch.
- (7) Disconnect outside door handle link from door latch.
- (8) Remove screws holding door latch to door end frame (Fig. 37).
- (9) Remove latch from door.

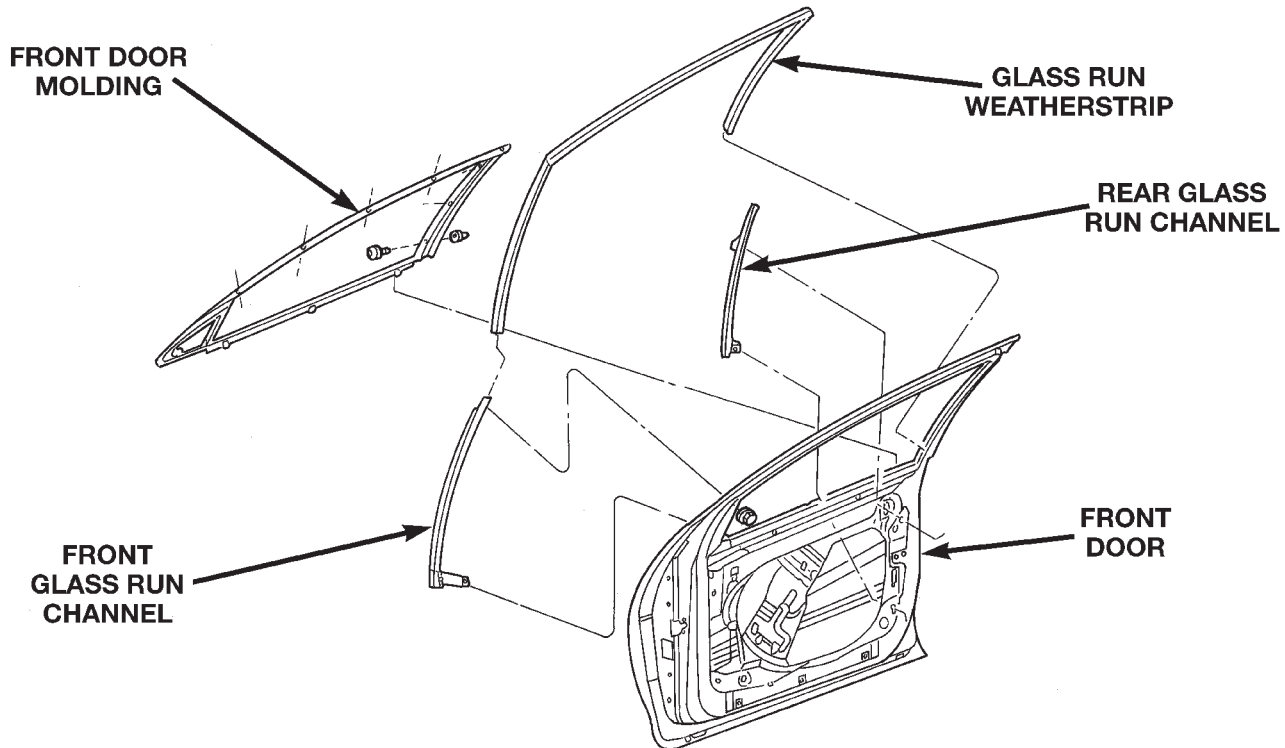
**INSTALLATION**

- (1) Place latch in position in door.
- (2) Install screws to hold door latch to door end frame.
- (3) Connect outside door handle link to door latch.
- (4) Connect lock cylinder link to door latch.
- (5) Connect door lock button link to door latch.
- (6) Install rear glass channel.
- (7) Verify latch operation.
- (8) Install water shield.
- (9) Install door trim panel.

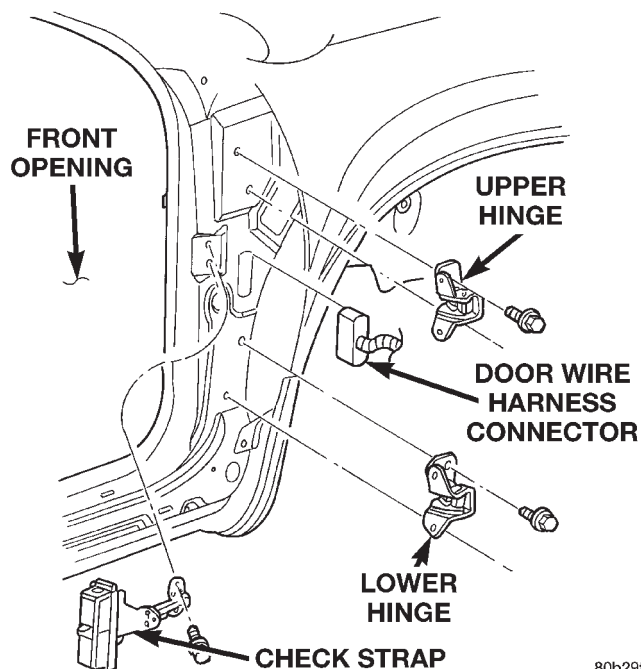
**FRONT DOOR LATCH STRIKER****REMOVAL**

- (1) Open front door.
- (2) Mark location of door latch striker on B-pillar to assist installation alignment.
- (3) Remove bolts holding striker to B-pillar (Fig. 38).
- (4) Remove door latch striker from vehicle.

## REMOVAL AND INSTALLATION (Continued)



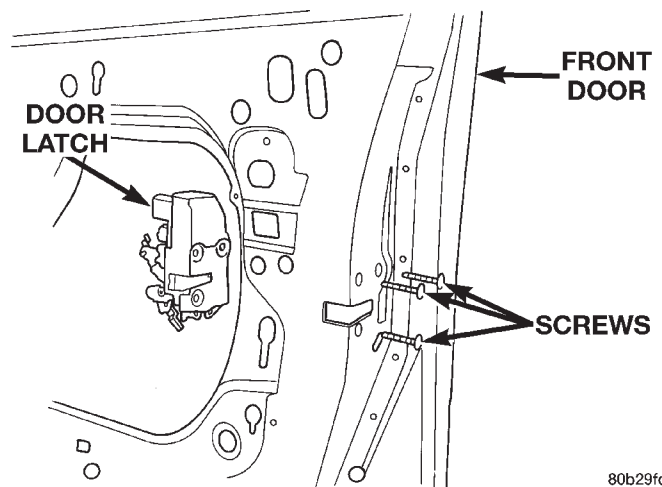
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**Fig. 35 Door Glass Run Weatherstrip**

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**Fig. 36 Front Door Hinges****INSTALLATION**

- (1) Place door latch striker in position on vehicle.
- (2) Install bolts to hold striker to B-pillar.



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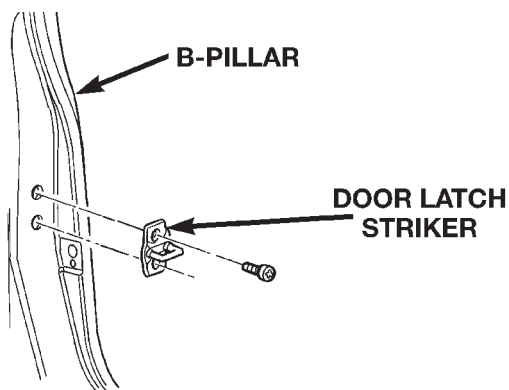
**Fig. 37 Front Door Latch**

- (3) Verify alignment and operation of door, adjust as necessary.

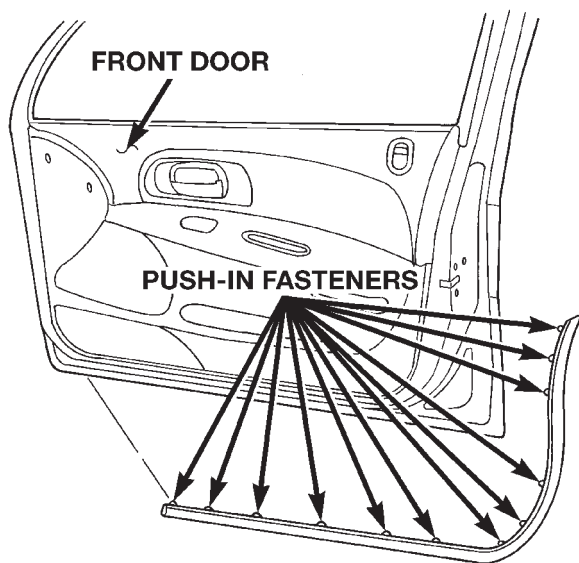
**FRONT DOOR MOUNTED WEATHERSTRIP****REMOVAL**

- (1) Open front door.
- (2) Using a fork type prying tool, disengage push in fasteners attaching weatherstrip to lower door (Fig. 39).
- (3) Remove weatherstrip from door.

## REMOVAL AND INSTALLATION (Continued)



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**Fig. 38 Front Door Latch Striker**

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**Fig. 39 Front Door Mounted Weatherstrip****INSTALLATION**

- (1) Place door mounted weatherstrip in position.
- (2) Engage push in fasteners to attach weatherstrip to lower door.
- (3) Verify door alignment and seal.

**FRONT AND REAR DOOR WATER SHIELD****REMOVAL**

- (1) Remove door trim panel.
- (2) Carefully remove water shield from door inner panel.

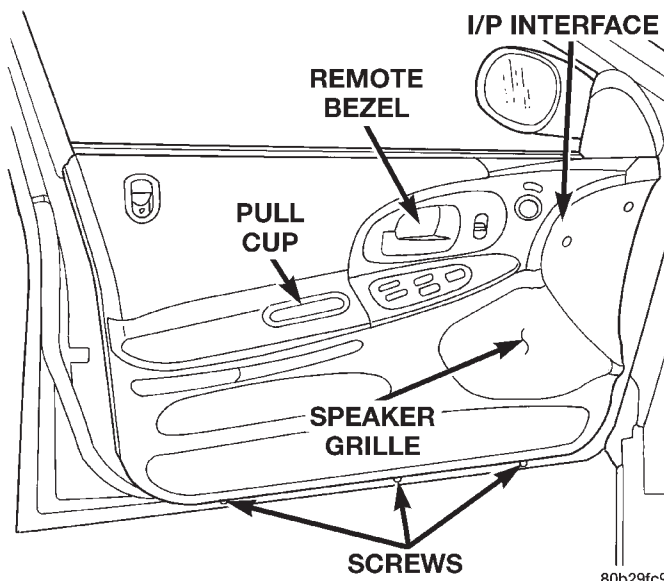
**INSTALLATION**

- (1) Apply an appropriate adhesive/sealant to water shield edges before installing.
- (2) Position water shield on door inner panel. Ensure that the water shield locator holes align.
- (3) Press inward on areas with adhesive to attach shield to inner door. Ensure that the shield is sealed.
- (4) Install trim panel.

**FRONT DOOR TRIM****REMOVAL**

**CAUTION:** Do not pry on door trim panel, damage to trim panel will result.

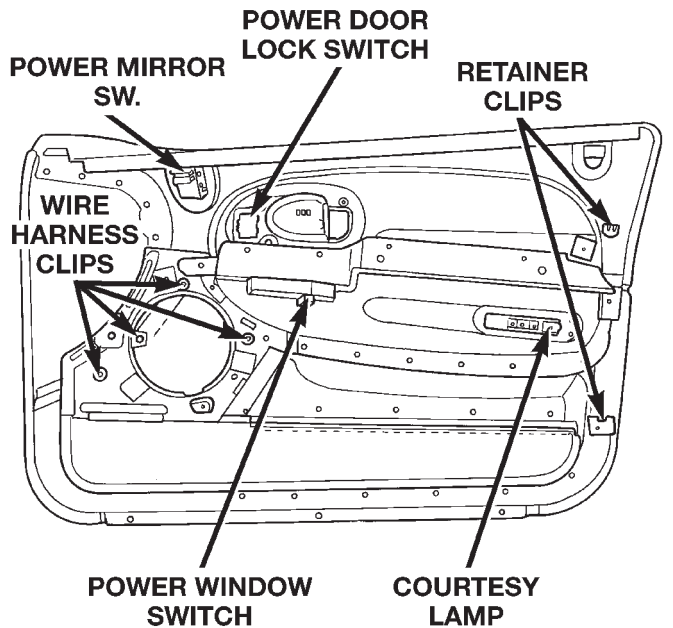
- (1) Remove speaker flag.
- (2) Remove speaker grille by inserting trim tool at the rear of the grille and disengaging clips holding to trim panel. Remove grille (Fig. 40).
- (3) Remove trim plug from the remote bezel by inserting a small flat blade tool into the notch and remove, if equipped.
- (4) Remove three screws from bottom of door.
- (5) Remove screw in pull cup.
- (6) Remove screw in remote bezel.
- (7) Remove two screws in the instrument panel interface area.
- (8) Remove three screws in the speaker area.
- (9) Using an trim tool, disengage the retainer clips from the door trim panel to the door panel.
- (10) Raise trim panel up to disengage from the belt being careful to hold the panel securely.
- (11) Disconnect the linkage from the remote handle assembly (Fig. 41).
- (12) Disconnect the power mirror switch.
- (13) Disconnect the power door lock switch wire connector.
- (14) Disconnect the power window switch wire connector.
- (15) Disconnect the radio speaker wire connector.
- (16) Disconnect wiring harness clips from trim panel.
- (17) Disconnect the courtesy lamp.
- (18) Remove trim panel from vehicle.



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**Fig. 40 Front Door Trim Panel – Typical**

## REMOVAL AND INSTALLATION (Continued)



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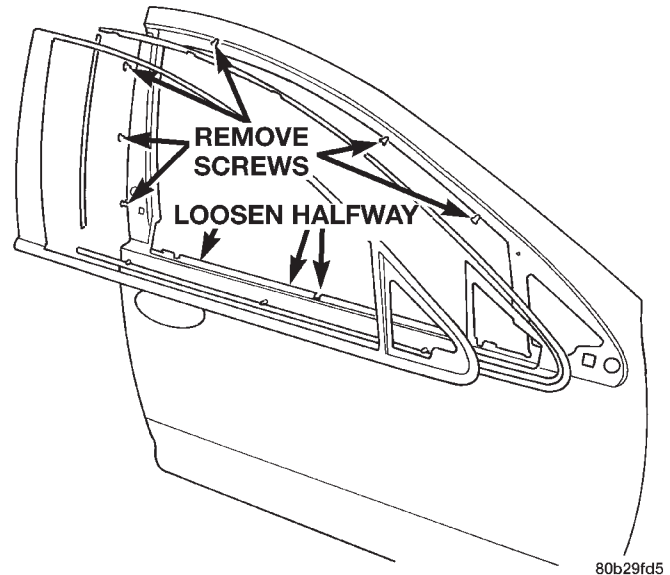
**Fig. 41 Inner Front Door Trim Panel – Typical****INSTALLATION**

- (1) Place door trim panel in position.
- (2) Install wire harness clips into door trim panel.
- (3) Connect the courtesy lamp.
- (4) Connect the radio speaker wire connector.
- (5) Connect the power window switch wire connector.
- (6) Connect the power door lock switch wire connector.
- (7) Connect the power mirror switch wire connector.
- (8) Connect the linkage to the handle assembly.
- (9) Install the water shield. Ensure that the water shield locator holes align. Ensure that the shield is sealed.
- (10) Insert trim panel into channel retainer at top door.
- (11) Insert the forward four way alignment guide into position. Insert the rearward two way alignment guide into position.
- (12) Install new retaining clips to attach door trim panel to door panel.
- (13) Install three screws in the speaker area.
- (14) Install two screws in the instrument panel interface area.
- (15) Install screw in the remote bezel.
- (16) Install screw in pull cup. Tighten screw to 1.7 to 2.3 N·m (15 to 20 in. lbs.) torque.
- (17) Install three screws to the bottom of the door. Tighten screws to 1.7 to 2.3 N·m (15 to 20 in. lbs.) torque.
- (18) Install remote bezel trim plug, if equipped.

- (19) Place speaker grille in position on trim panel. Attach door speaker clips to trim panel.

**FRONT DOOR WINDOW FRAME MOLDING****REMOVAL**

- (1) Remove flag trim, speaker, door trim panel, water shield as necessary, and mirror.
- (2) Remove door glass run weatherstrip as necessary to gain access to applique fasteners.
- (3) Remove screws attaching molding to window frame (Fig. 42).
- (4) Remove molding from door.



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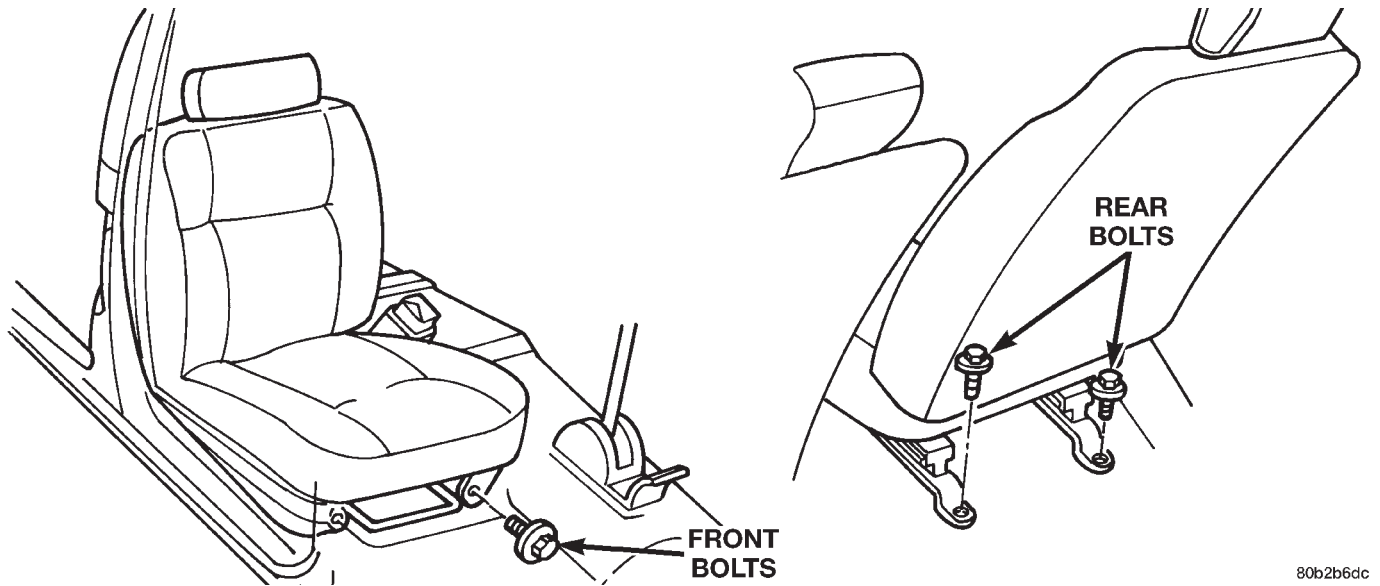
**Fig. 42 Front Door Frame Window Molding****INSTALLATION**

- (1) Place molding in position on door.
- (2) Install screws to attach molding to window frame.
- (3) Install door glass run weatherstrip.
- (4) Install the mirror, water shield, door trim panel, speaker and flag trim.

**FRONT SEAT****REMOVAL**

- (1) Position seat far enough forward to gain access to rear mount bolts on floor.
- (2) Remove bolts holding rear of seat track to floor (Fig. 43).
- (3) Slide seat rearward.
- (4) Remove bolts holding front of the seat track to floor kick up.
- (5) Disconnect front seat wire harness connector from body harness connector.
- (6) Remove front seat from vehicle.

## REMOVAL AND INSTALLATION (Continued)

**Fig. 43 Front Seat Removal****INSTALLATION**

**NOTE:** Ensure that the seat tracks are rearward

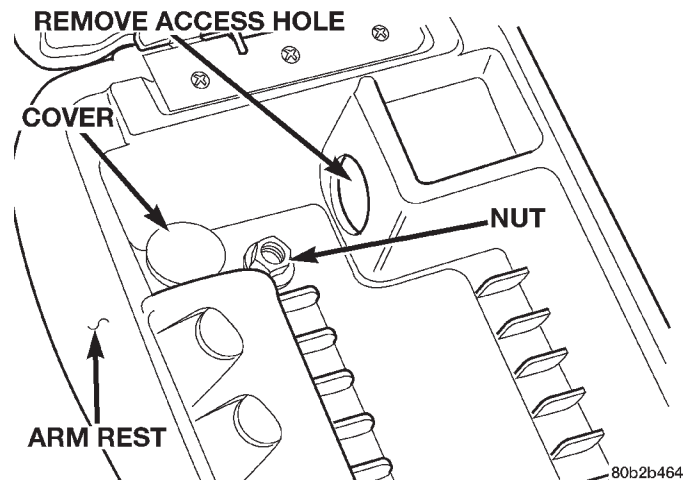
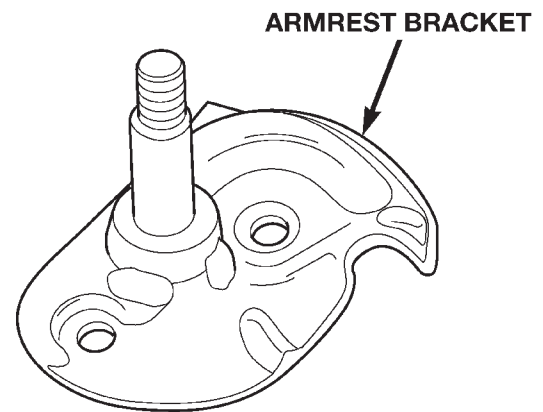
- (1) Place front seat in position in vehicle.
- (2) Connect front seat wire harness connector to body harness connector.
- (3) Install bolts to attach front of seat track to the floor kick up. Tighten bolts to 42 N·m (31 ft. lbs.) torque.
- (4) Slide seat forward and install bolts attaching rear of seat track to the floor. Tighten bolts to 42 N·m (31 ft. lbs.) torque.
- (5) Verify front seat operation.

**FRONT SEAT ARM REST – CONCORDE/INTREPID****REMOVAL**

- (1) Slide the driver seat full forward and the passenger seat full rearward.
- (2) Open arm rest lid (Fig. 44).
- (3) Remove access retaining nut cover.
- (4) Remove arm rest retaining nut.
- (5) Slide arm rest off of bracket (Fig. 45).

**INSTALLATION**

- (1) Slide arm rest on bracket.
- (2) Install arm rest nut. Tighten nut to 25 N·m (18 ft. lbs) torque.
- (3) Install access retaining nut cover.
- (4) Reposition the seats.

**Fig. 44 Arm Rest Access Hole****Fig. 45 Arm Rest Bracket**

## REMOVAL AND INSTALLATION (Continued)

## FRONT SEAT BACK

## REMOVAL

- (1) Remove seat from vehicle.
- (2) Remove seat cushion side shields.
- (3) Remove bolts attaching recliner to seat back cushion frame (Fig. 46).
- (4) Remove inboard pivot bolt (Fig. 47).
- (5) Connect any electrical connectors to the seat back, if equipped.
- (6) Separate seat back from seat cushion.

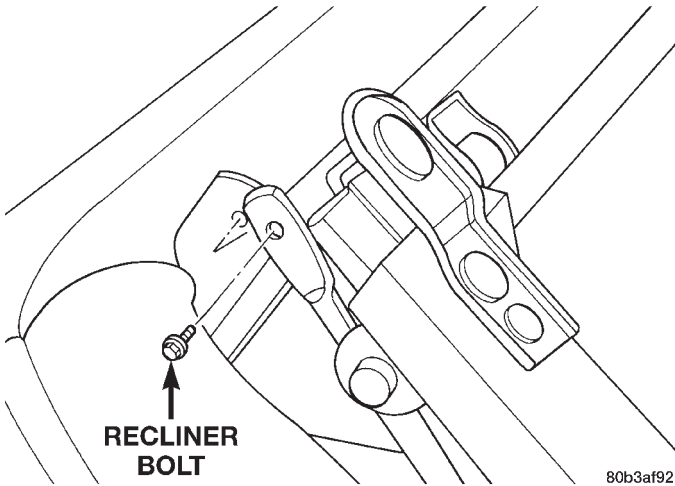


Fig. 46 Recliner Attaching Bolt

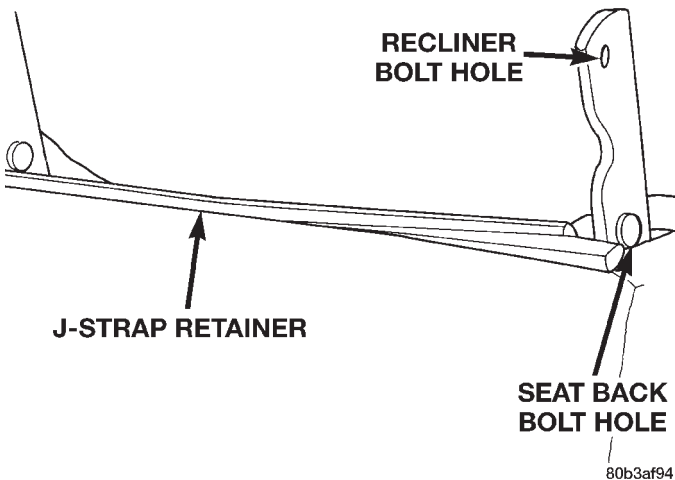


Fig. 47 Remove Seat Back

## INSTALLATION

- (1) Position seat back on cushion.
- (2) Connect electrical connectors to the seat back, if equipped.
- (3) Install inboard pivot bolt. Tighten bolt to 30 N·m (22 ft. lbs.) torque.
- (4) Install bolts attaching recliner to seat cushion frame. Tighten bolts to 14 N·m (10 ft. lbs.) torque.
- (5) Install seat cushion side shields.
- (6) Install seat in vehicle.

## FRONT SEAT BACK COVER

## REMOVAL

- (1) Remove seat from vehicle.
- (2) Remove head rest.
- (3) Remove front seat back.
- (4) Remove lumbar support handle, if equipped.
- (5) Disengage the J-strap retainer (Fig. 47).
- (6) Roll cover upward to hog rings. Cut hog rings to free cover (Fig. 48).
- (7) Roll cover to top of cushion and remove head rest sleeve guides.
- (8) Remove cover from seat back.

## INSTALLATION

**NOTE:** Do not reuse the recliner assembly attaching bolts.

- (1) Position cover at the top of seat back.
- (2) Carefully roll cover down to the area that hog rings are to be installed.
- (3) Install hog rings.
- (4) Roll cover downward.
- (5) Engage the J-strap retainer.
- (6) Install lumbar support handle, if equipped.
- (7) Install new head rest sleeve guides.
- (8) Install seat back to seat cushion. Tighten bolts to 30 N·m (22 ft. lbs.) torque.
- (9) Install seat in vehicle.
- (10) Install head rest.
- (11) Check seat back operation.

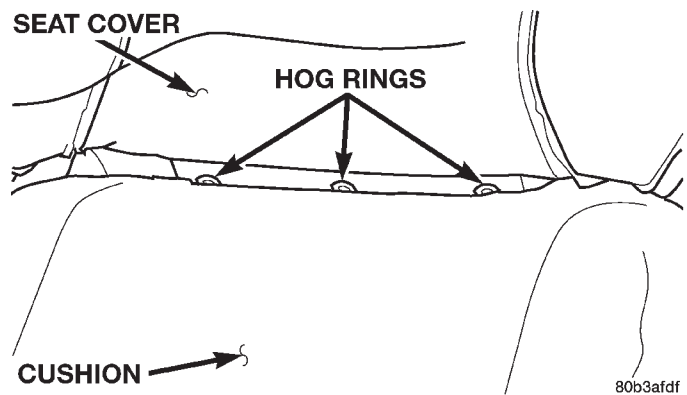


Fig. 48 Front Seat Back Hog Rings

## FRONT SEAT BELT RETRACTOR

Inspect the condition of the shoulder belt and lap belt. Replace any belt that is cut, frayed, torn, or damaged in any way. Also, replace the shoulder belt if the retractor is either damaged or inoperative.

## REMOVAL

- (1) If necessary, move the front seat(s) all the way forward for access.

## REMOVAL AND INSTALLATION (Continued)

- (2) Detach the turning loop cover from the upper anchor bolt.
- (3) Remove upper anchor bolt (Fig. 49).
- (4) Remove B-pillar upper trim.
- (5) Remove lower anchor bolt.
- (6) Remove the retractor anchor bolt.
- (7) Disconnect retractor wire harness connector.
- (8) Remove retractor from vehicle.

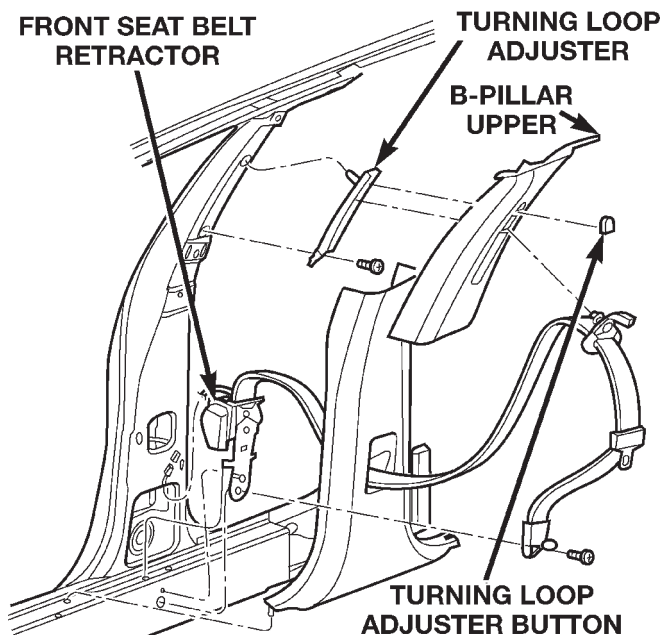


**Fig. 49 Front Shoulder Belt Adjuster**

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**INSTALLATION**

- (1) Position the retractor in the vehicle.
- (2) Install the retractor anchor bolt. Tighten to 60 N·m (44 ft. lbs.) torque.
- (3) Connect retractor wire harness connector.
- (4) Install the lower anchor bolt. Tighten to 60 N·m (44 ft. lbs.) torque.
- (5) Route the belt webbing through the access slots in B-pillar upper trim.
- (6) Install B-pillar upper trim.
- (7) Install the upper anchor bolt. Tighten to 60 N·m (44 ft. lbs.) torque.
- (8) Close turning loop covers.

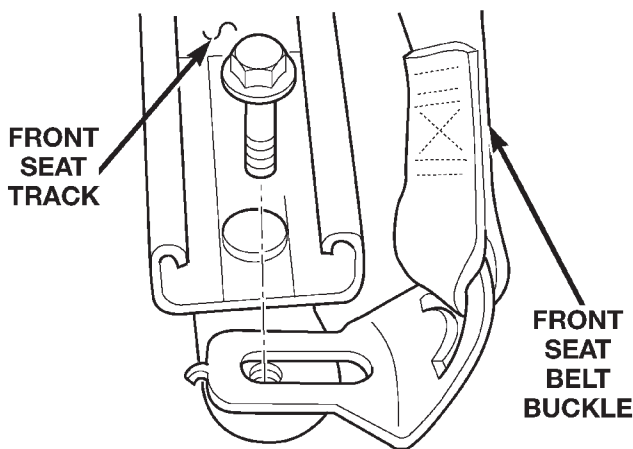
**FRONT SEAT CENTER OCCUPIED BELT BUCKLE – CONCORDE/INTREPID****REMOVAL**

- (1) Move or remove front seat as necessary to gain access to seat belt buckle anchor bolt.
- (2) Remove bolt attaching buckle and reinforcement to front seat track (Fig. 50).

- (3) Remove seat belt buckle from vehicle.

**INSTALLATION**

- (1) Place seat belt buckle in position on vehicle.
- (2) Install bolt attaching buckle and reinforcement to front seat track or floor. Tighten bolt to 60 N·m (44 ft. lbs.) torque.
- (3) Install front seat, if it was removed.



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**Fig. 50 Front Seat Center Occupied Belt Buckle – Typical**

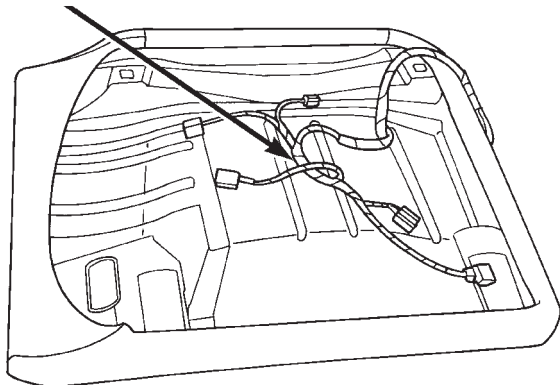
**FRONT SEAT CUSHION****REMOVAL**

- (1) Remove seat from vehicle.
- (2) Remove front seat cushion side shields and disconnect wire connectors, if equipped.
- (3) Remove seat back.
- (4) Remove track and recliner assembly.
- (5) Disconnect seat cushion heater element connector, if equipped.
- (6) Disconnect wire harness fasteners from cushion frame (Fig. 51).
- (7) Remove seat cushion (Fig. 52).

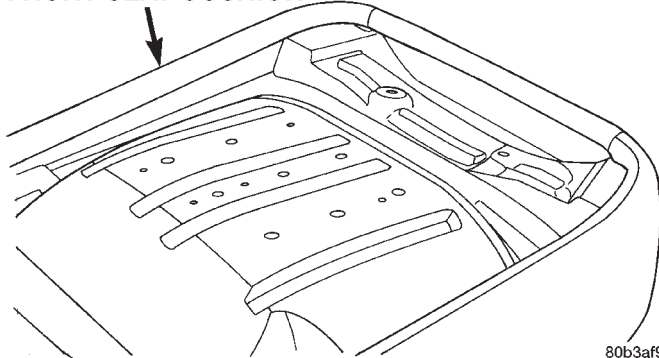
**INSTALLATION**

- (1) Install wire harness fasteners to cushion frame.
- (2) Connect seat cushion heater element connector, if equipped.
- (3) Install track and recliner assembly.
- (4) Install seat back. Tighten bolts to 30 N·m (22 ft. lbs.) torque.
- (5) Connect switch wire connectors to the cushion side shield, if equipped.
- (6) Install cushion side shields.
- (7) Install seat in vehicle.

## REMOVAL AND INSTALLATION (Continued)

**WIRE HARNESS**

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**Fig. 51 Front Seat Cushion Wire Harness****FRONT SEAT CUSHION**

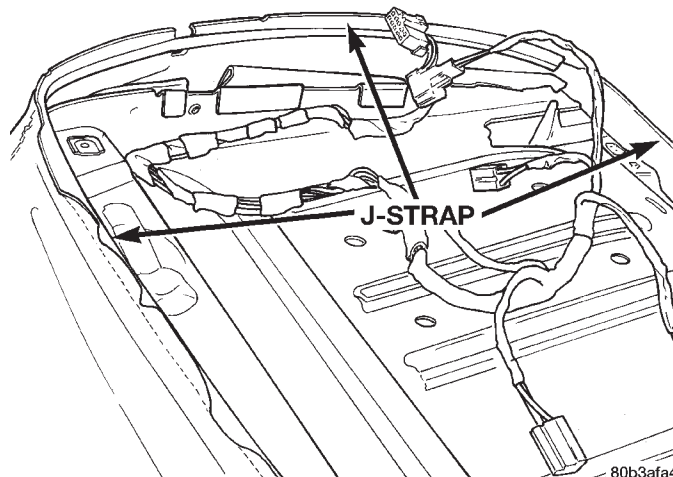
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**Fig. 52 Front Seat Cushion****FRONT SEAT CUSHION COVER****REMOVAL**

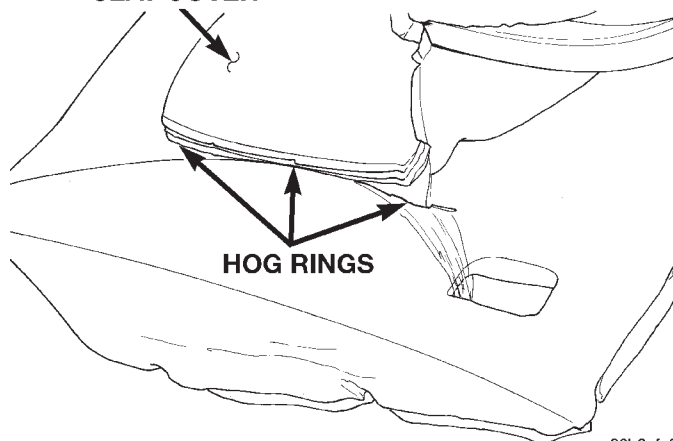
- (1) Remove seat from vehicle.
- (2) Remove front seat cushion side shields.
- (3) Remove seat back.
- (4) Remove track and recliner assembly.
- (5) Disengage J-strap attaching seat cover from the seat cushion frame (Fig. 53).
- (6) Pull cover off to the hog rings (Fig. 54).
- (7) Cut hog rings attaching seat cover seat cushion.
- (8) Route seat function switches through access hole on outboard side of seat cushion, if equipped.
- (9) Disconnect seat cushion heater element connector, if equipped.
- (10) Separate seat cushion cover from seat cushion.

**INSTALLATION**

- (1) Position seat cover on cushion.
- (2) Align seat cover with cushion alignment indentations.
- (3) Engage seat cushion heater element connector, if equipped.



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**Fig. 53 Front Seat Cushion J- Strap****SEAT COVER**

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**Fig. 54 Seat Cushion Cover**

- (4) Install hog rings.
- (5) Engage J-strap attaching seat cover to front of seat cushion frame.
- (6) Install track and recliner assembly.
- (7) Install seat back.
- (8) Install front seat cushion side shields.
- (9) Install seat in vehicle.

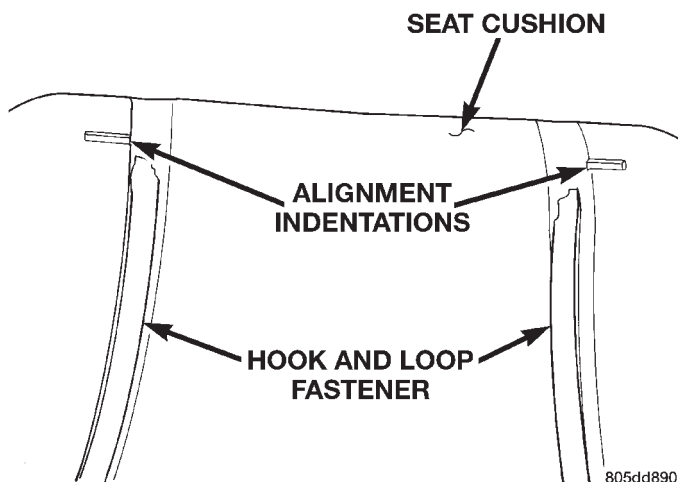
**FRONT SEAT CUSHION SIDE SHIELD****REMOVAL**

- (1) Remove seat from vehicle.
- (2) Remove screws attaching seat cushion side shield to the bottom and side of seat cushion (Fig. 56) and (Fig. 57).
- (3) Remove shield from seat.
- (4) Disconnect switch wire connectors, if equipped.
- (5) Remove seat switches, if equipped.

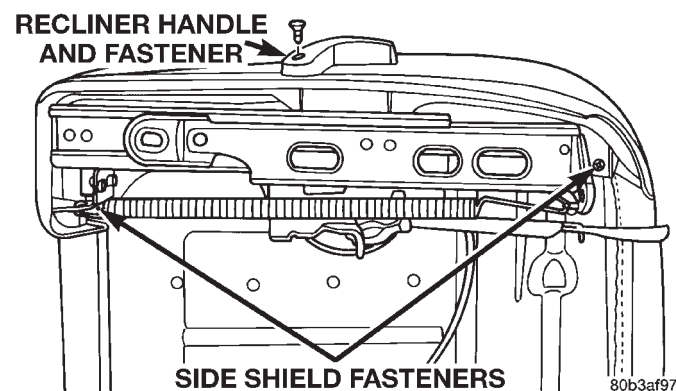
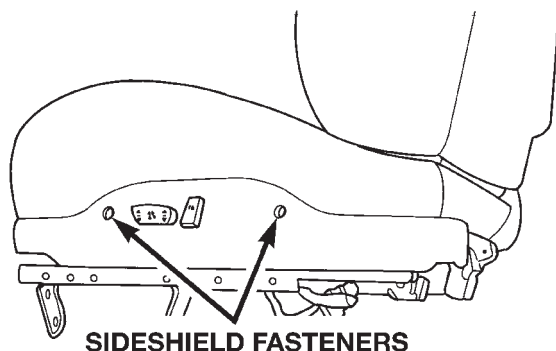
**INSTALLATION**

- (1) Transfer seat switches, if equipped.
- (2) Connect switch wire connectors to cushion side shield, if equipped.

## REMOVAL AND INSTALLATION (Continued)

**Fig. 55 Seat Cushion Alignment Indentations**

- (3) Place shield in position on seat cushion.
- (4) Install screws attaching seat cushion side shield.
- (5) Install seat. Tighten front screws to 60 N·m (44 ft. lbs.), and the rear screws to 48 N·m (35 ft. lbs.).

**Fig. 56 Bottom View of Side Shield****Fig. 57 Side View of Side Shield****FRONT SEAT HEAD REST****REMOVAL**

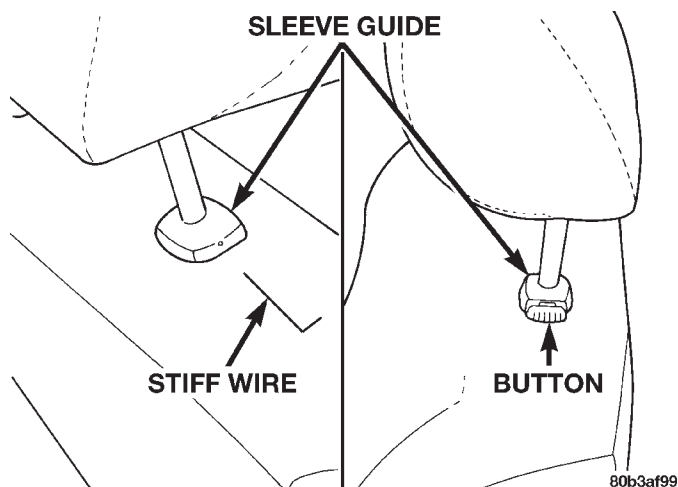
- (1) Lower head rest slightly.
- (2) Insert a stiff wire into the hole on the right hand side head rest sleeve/guide and push to release the latch (Fig. 58).

(3) At the same time, press the button on the head rest sleeve/guide left hand side and pull upward to release the head rest.

- (4) Remove head rest from seat back.

**INSTALLATION**

- (1) Place head rest in position.
- (2) Push head rest down into the lock position.
- (3) Raise head rest to ensure it locks at the last stop.

**Fig. 58 Head Rest Removal****FRONT SEAT LUMBAR SUPPORT**

The front seat lumbar support is not service separately. The front seat back frame will need to be replaced.

**FRONT SEAT TRACK AND RECLINER****REMOVAL**

- (1) Remove front seat from vehicle.
- (2) Remove seat cushion side shield and disconnect switch connector, if equipped.
- (3) Remove bolt attaching seat back recliner to seat back frame on each side of seat (Fig. 59).
- (4) Remove bolts attaching seat track and recliner to cushion frame (Fig. 60).
- (5) Remove seat track and recliner from seat cushion.

**INSTALLATION**

- (1) Place seat track in position on seat cushion.
- (2) Install bolts to attach seat track and recliner to cushion frame.
- (3) Install bolt to attach seat back recliner to seat back on each side of seat. Tighten bolt to 30 N·m (22 ft. lbs.) torque.
- (4) Connect wire connectors and install the cushion side shields.
- (5) Install front seat in vehicle.

## REMOVAL AND INSTALLATION (Continued)

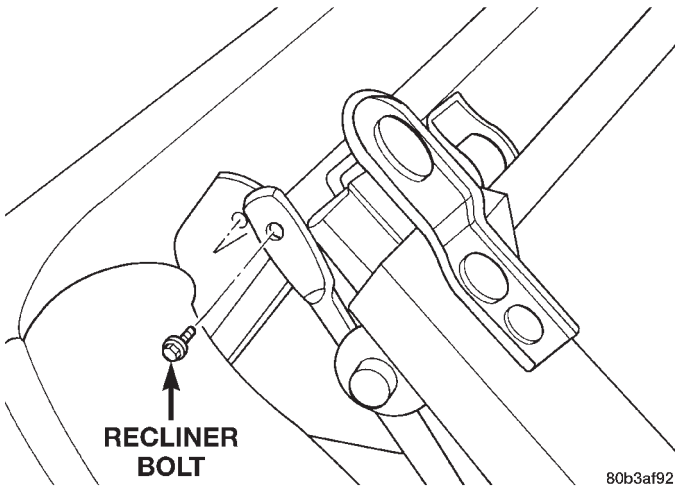


Fig. 59 Recliner Pivot Bolt

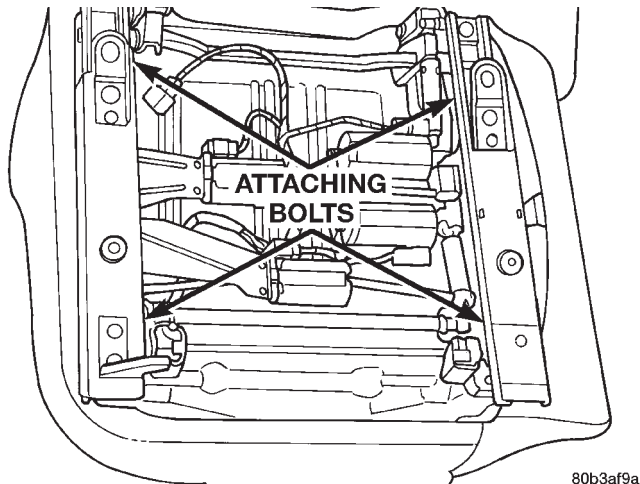


Fig. 60 Front Seat Track - Typical

## FRONT STRUT TOWER TO TOWER BRACE

## REMOVAL

- (1) Open hood.
- (2) Remove the cowl screen.
- (3) Mark bolt locations on front strut tower to tower brace.
- (4) Remove attaching bolts from the brace (Fig. 61).
- (5) Remove front strut tower to tower brace from vehicle.
- (6) For replacement remove weatherstrip.

## INSTALLATION

- (1) Place in position the front strut tower to tower brace.
- (2) Install front strut tower to tower brace attaching bolts. Check bolt alignment marks.
- (3) Install cowl screen.

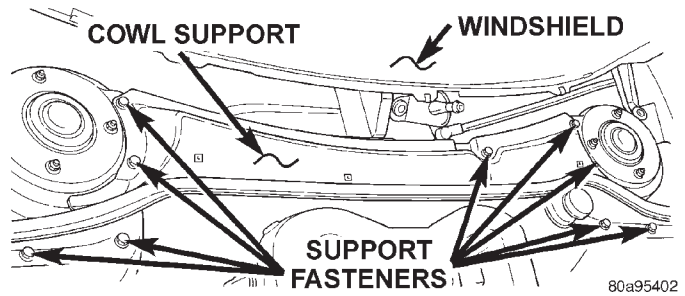


Fig. 61 Front Strut Tower to Tower Brace

## HEADLINING

**NOTE:** The first time the headliner is removed, it is necessary to pull on the headliner until the four glue bonds break free from the structural membrane (21 x 25 cardboard). The membrane is to stay as a permanently bonded member to the roof panel. **DO NOT** apply any glue to the headliner on installation; it is not necessary.

## REMOVAL

- (1) Remove front passenger seat for ease of removal of headliner.
- (2) Remove A-pillar trim panels.
- (3) Remove sun visors and retainers.
- (4) Remove overhead console. Refer to Group 8V, Overhead Console.
- (5) Disconnect wire harness along A-pillar and wire connector from the fuse box.
- (6) Remove upper B-pillar trim panels.
- (7) Remove front and rear assist handles.
- (8) Remove quarter trim upper panels partial, keeping belt attached.
- (9) Pull headliner down, beginning from the rear. Two attachments must be overcome.
  - a. Rear locator clip.
  - b. Four corner glue bond of structural membrane to back of headliner.

**NOTE:** No special tools are required to release the membrane. Pull down use hand force only to release the membrane.

- (10) Fully recline seat.
- (11) Remove headlining from vehicle through the rear door, using two people (Fig. 62).
- (12) Ensure that the rear locator flexible clip is removed from the roof steel. Install rear locator flexible clip into the base located on the headliner before installing the headliner (Fig. 63).

## REMOVAL AND INSTALLATION (Continued)

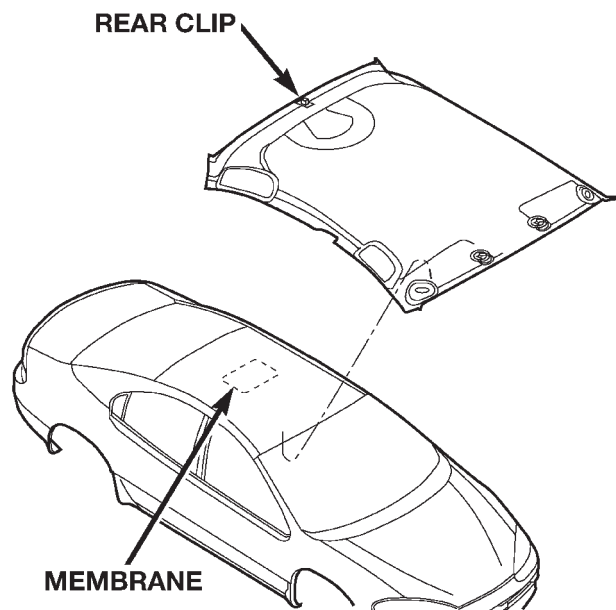


Fig. 62 Headlining

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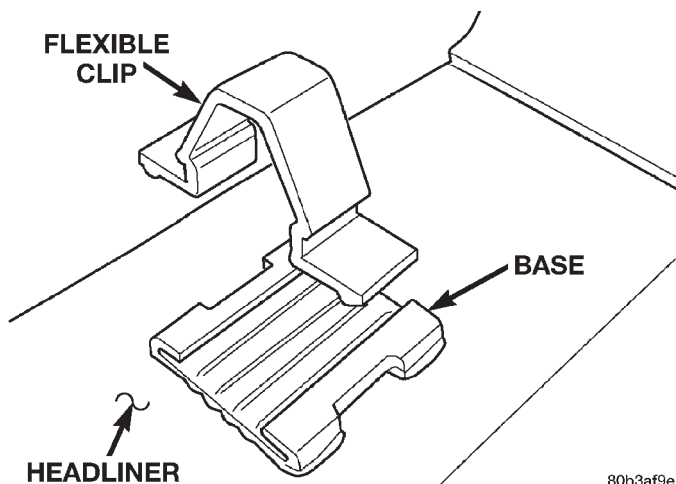


Fig. 63 Locator Flexible Clip

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## INSTALLATION

**NOTE:** The DO NOT remove headliner membrane from vehicle. No additional use of any additional adhesives is needed.

- (1) Place headlining in proper position in vehicle.
- (2) Engage the locator flexible clip to attach headlining to roof above rear window and press on the membrane to ensure contact.
- (3) Install upper quarter trim panels.
- (4) Install front and rear assist handles.
- (5) Install upper B-pillar trim panels.
- (6) Connect wire harness along A-pillar and wire connector from the fuse box.
- (7) Install overhead console. Refer to Group 8V, Overhead Console.

- (8) Install sun visors and retainers.
- (9) Install A-pillar trim panels.
- (10) Install seat, if removed.
- (11) Engage the dual loc patch fasteners around the sun roof opening.

## HOOD

## REMOVAL

- (1) Raise hood to full up position.
- (2) Mark all bolt and hinge attachment locations with a grease pencil or other suitable device to provide reference marks for installation. When installing hood, align all marks and secure bolts. The hood should be aligned to 4 mm (0.160 in.) gap to the front fenders and flush across the top surfaces along fenders.
- (3) Remove the top bolts holding hood to hinge and loosen the bottom bolts until they can be removed by hand (Fig. 64).
- (4) With assistance from a helper at the opposite side of the vehicle to support the hood, remove bottom bolts holding hood to hinge. Separate the hood from the vehicle.

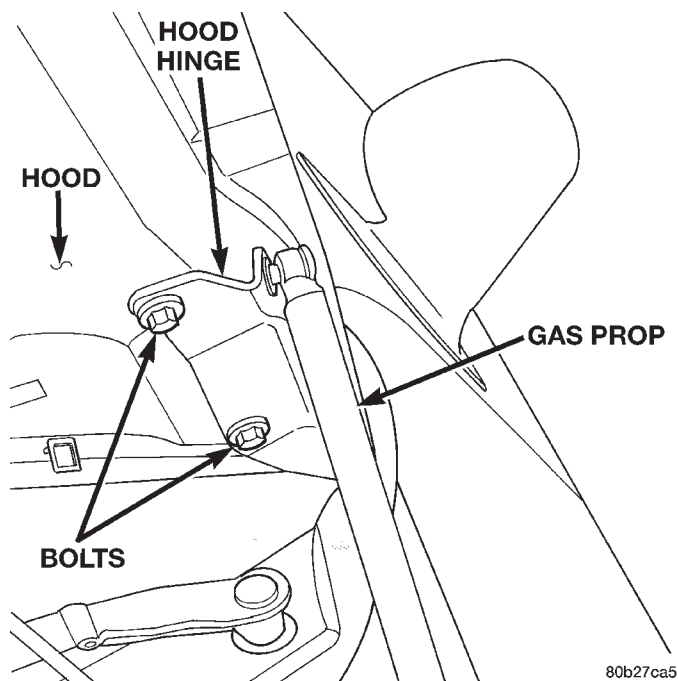


Fig. 64 Hood

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## INSTALLATION

- (1) Place hood in position on vehicle. With assistance from a helper at the opposite side of the vehicle to support the hood, install bottom bolts to hold hood to hinge finger tight.
- (2) Install top bolts to hold hood to hinge finger tight.
- (3) Position bolts at marks and tighten bolts to 22.6 to 33.9 N·m (200 to 300 in. lbs.) torque. The

## REMOVAL AND INSTALLATION (Continued)

hood should be aligned to 4 mm (0.160 in.) gap to the front fenders and flush across the top surfaces along fenders.

- (4) Verify hood operation and alignment.

### HOOD GAS PROPS

#### REMOVAL

- (1) Open hood.
- (2) Support hood with a suitable prop device.
- (3) Remove gas prop lock caps on each end.
- (4) Remove gas prop from vehicle.

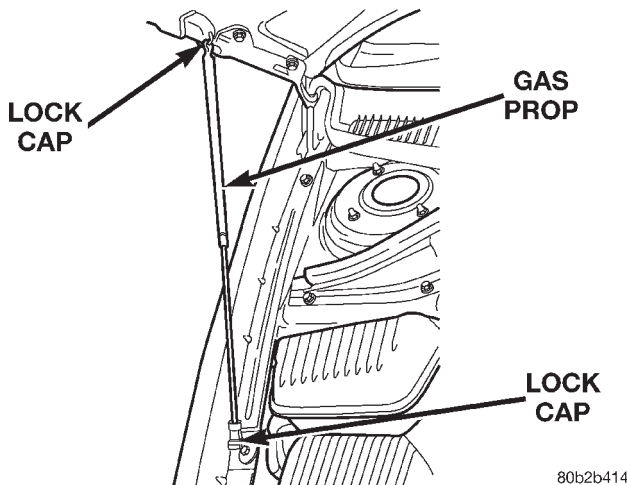


**Fig. 65 Hood Gas Prop**

#### INSTALLATION

- (1) Place gas prop in position on vehicle.
- (2) Install the lock caps on the gas prop.
- (3) Verify hood lid operation.

### HOOD HINGE

#### REMOVAL

- (1) Support hood on the side that requires hinge replacement.
- (2) Mark all bolt and hinge attachment locations with a grease pencil or other suitable device to provide reference marks for installation. When installing hood hinge, align all marks and secure bolts. The hood should be aligned to 4 mm (0.160 in.) gap to the front fenders and flush across the top surfaces along fenders. Hinge can be adjusted up or down by hinge to body attaching bolts to achieve proper hood height.
- (3) Remove bolts attaching hood to hinge.
- (4) Remove bolts attaching hood hinge to vertical wall of load beam and remove hinge from vehicle (Fig. 66). To gain access to the lower left hood hinge the wiper motor assembly will have to be removed. Refer to Group 8K, Windshield Wipers and Washers for Wiper Motor Assembly Removal procedures.

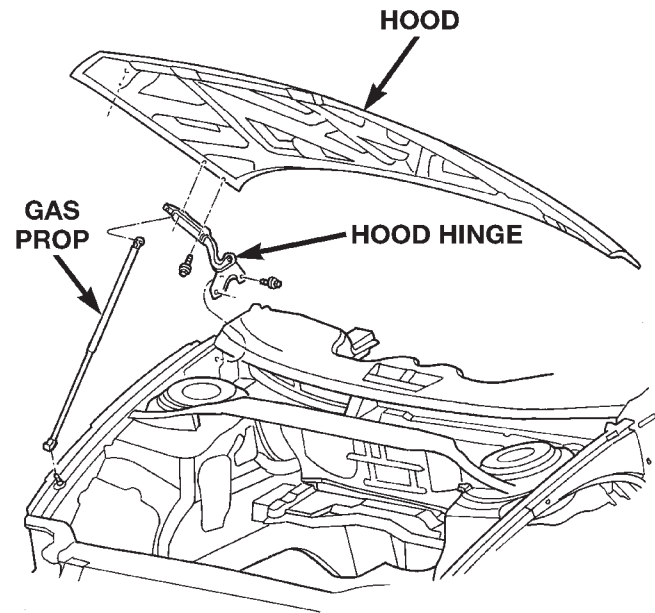


**Fig. 66 Hood Hinge**

#### INSTALLATION

- (1) If necessary, paint new hinge before installation.
- (2) Place hinge in position on vehicle.
- (3) Install bolts to attach hood hinge to vertical wall of load beam.
- (4) Install bolts to attach hood to hinge.
- (5) Align all marks and tighten bolts to 22.6 to 33.9 N·m (200 to 300 in. lbs.) torque. The hood should be aligned to 4 mm (0.160 in.) gap to the front fenders and flush across the top surfaces along fenders.
- (6) Remove support from under hood and verify hood operation.

### HOOD LATCH

#### REMOVAL

- (1) Release hood latch and open hood.
- (2) Remove nuts attaching hood latch to crossmember (Fig. 68) or (Fig. 67).
- (3) Disconnect hood release cable from hood latch.
- (4) Remove hood latch from crossmember.

#### INSTALLATION

- (1) Place hood latch in position on crossmember.
- (2) Connect hood release cable to hood latch.
- (3) Install nuts to attach hood latch to crossmember. Tighten nuts to 22.6 to 33.9 N·m (200 to 300 in. lbs.) torque.
- (4) Verify hood latch operation before closing hood.

## REMOVAL AND INSTALLATION (Continued)

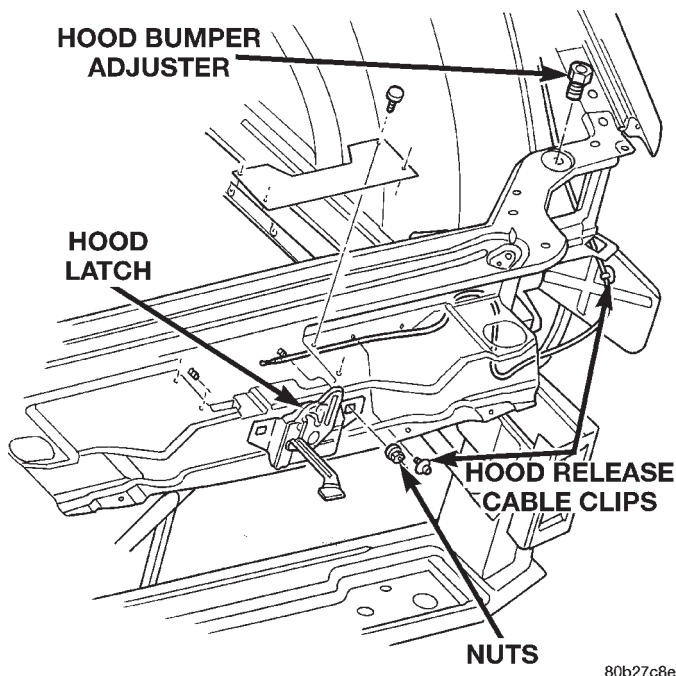


Fig. 67 Hood Latch - Concorde/LHS/300M

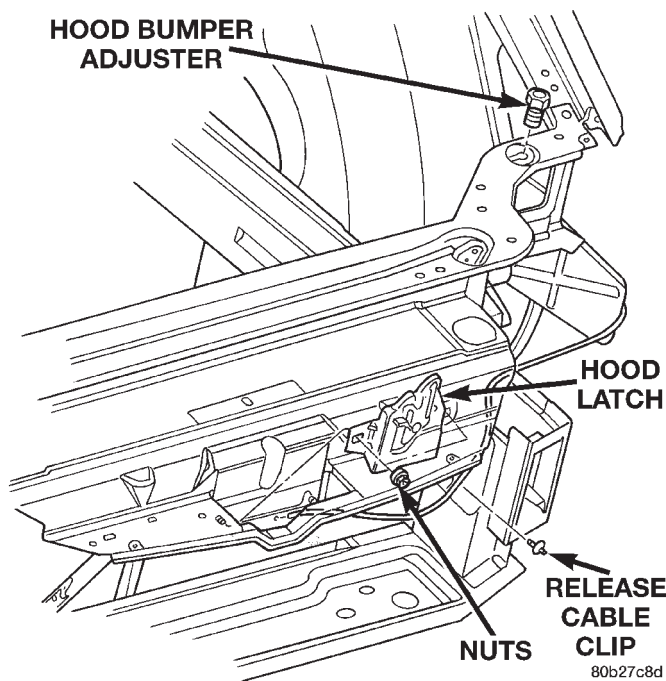


Fig. 68 Hood Latch - Intrepid

## HOOD RELEASE CABLE

## REMOVAL

(1) Release hood latch by using the inside release, if still functioning. If not reach up through the bottom of the fascia opening and release the latch pawl lever.

(2) Disconnect hood release cable ferrule and cable end from hood latch assembly (Fig. 70) or (Fig. 69).

- (3) Remove left cowl side trim panel.
- (4) Remove screws attaching hood latch release cable handle to the cowl side.
- (5) Remove left wheel splash shield.
- (6) Disengage release cable from routing clips.
- (7) Roll carpet back to expose cable.
- (8) Release taped on cable clip from dash liner.
- (9) Release the rubber grommet from the dash panel. Push cable through the dash panel access hole to the left wheel house opening.
- (10) Remove cable from vehicle.

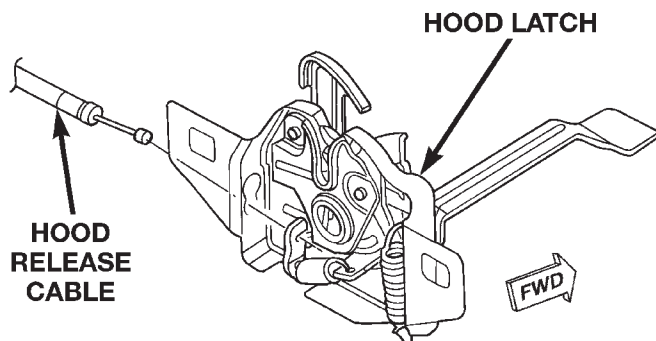


Fig. 69 Hood Release Cable - Concorde/LHS/300M

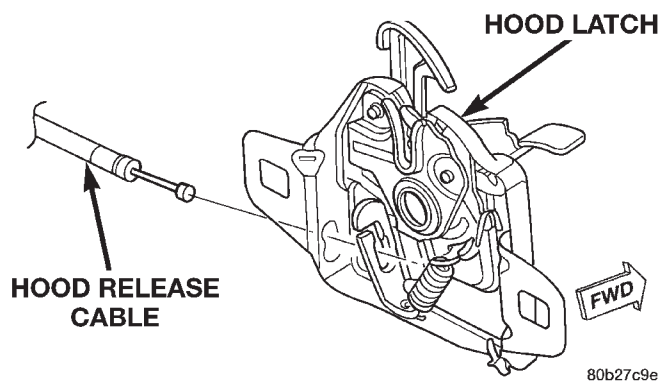
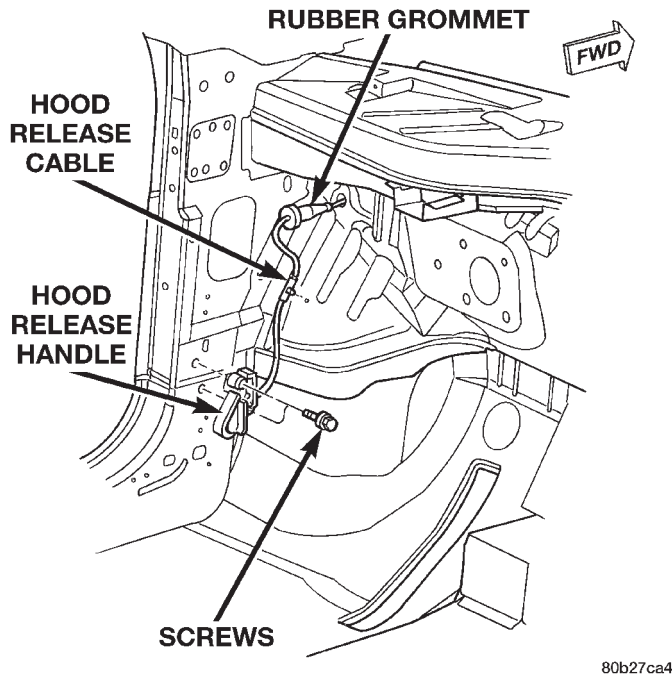


Fig. 70 Hood Release Cable - Intrepid

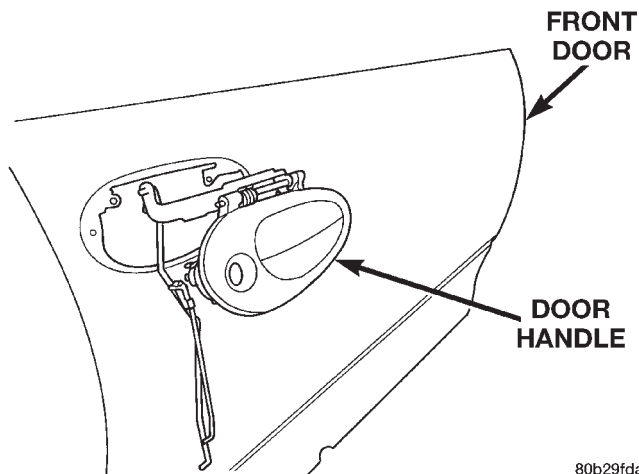
## INSTALLATION

- (1) Place cable in position on vehicle.
- (2) Push cable through access hole in dash panel.
- (3) Install release cable rubber grommet into access hole in dash panel.
- (4) Install screws to attach hood latch release cable handle to the cowl side. Tighten screws to 2.3 to 3.4 N·m (20 to 30 in. lbs.) torque.
- (5) Install cable clips.
- (6) Place carpet into position.
- (7) Install left wheel splash shield.
- (8) Install left cowl side trim panel.
- (9) Connect hood release cable ferrule and cable end to hood latch.
- (10) Verify hood latch operation before closing hood.

## REMOVAL AND INSTALLATION (Continued)

**Fig. 71 Hood Release Handle****OUTSIDE FRONT DOOR HANDLE****REMOVAL**

- (1) Remove door trim panel.
- (2) Remove water shield as necessary.
- (3) Remove door glass.
- (4) Disengage clips holding latch release link and lock link to door at latch.
- (5) Disconnect links from latch.
- (6) Remove screws attaching handle to door through access hole in door inner pane (Fig. 72).
- (7) Remove door handle from door.

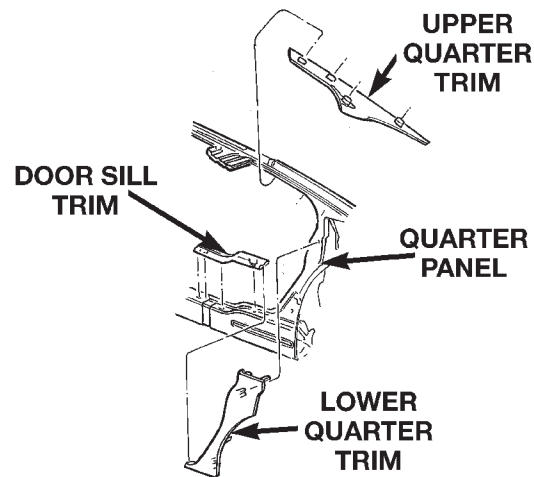
**Fig. 72 Outside Front Door Handle****INSTALLATION**

- (1) Place door handle in position on door.
- (2) Install screws to attach handle to door.

- (3) Insert links into clips on latch.
- (4) Engage clips to attach latch release link and lock link to door latch.
- (5) Verify door latch handle operation.
- (6) Install door glass.
- (7) Install water shield.
- (8) Install door trim panel.

**QUARTER TRIM LOWER (C-PILLAR)****REMOVAL**

- (1) Remove rear seat cushion and back.
- (2) Pull upper quarter trim from panel (Fig. 73).
- (3) Remove sill trim as necessary to clear quarter trim removal path.
- (4) Disengage clips attaching lower quarter trim to inner quarter trim from vehicle.
- (5) Remove quarter trim from vehicle.

**Fig. 73 Lower Quarter Trim****INSTALLATION**

- (1) Place quarter trim in position on vehicle.
- (2) Engage clips to attach lower quarter trim to inner quarter panel.
- (3) Install upper quarter trim.
- (4) Install sill trim.
- (5) Install rear seat cushion and back.

**QUARTER TRIM UPPER (C-PILLAR)****REMOVAL**

- (1) Disengage clips holding upper quarter trim to inner quarter panel (Fig. 73).

**NOTE:** Start at top forward area of trim and pull inboard.

- (2) Remove seat cushion.
- (3) Remove lower seat belt anchor nut.
- (4) Slide seat belt through trim panel.
- (5) Remove upper quarter trim from vehicle.

## REMOVAL AND INSTALLATION (Continued)

## INSTALLATION

- (1) Slide belt through trim panel.
- (2) Place upper quarter trim in position on vehicle.
- (3) Engage clips to attach upper quarter trim to inner quarter panel.

**NOTE: Start at lower attachments first and work up.**

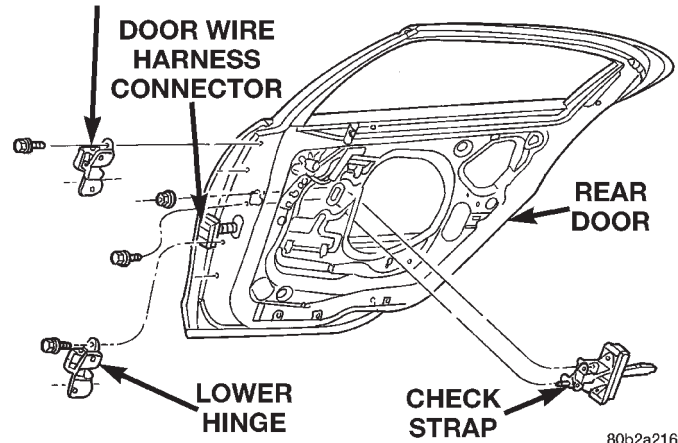
- (4) Install seat belt anchor nut.
- (5) Install seat cushion.

## REAR DOOR

## REMOVAL

- (1) Open rear door.
- (2) Mark location of hinge on door end frame.
- (3) Disengage clips holding wire harness connector and boot to hinge pillar.
- (4) Remove connector from hinge pillar.
- (5) Disengage clip holding wire connector together on hinge pillar side of the connector.
- (6) Remove door wire harness from instrument panel harness.
- (7) Disengage door check stop from pin on upper door hinge.
- (8) Support door on suitable lifting device.
- (9) Remove bolt and nut attaching lower hinge to door end frame (Fig. 74).
- (10) Steady door on lifting device and remove bolt and nut attaching upper hinge to door end frame.
- (11) Remove door from vehicle.

## UPPER HINGE



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Fig. 74 Rear Door

## INSTALLATION

- (1) Place door in position on vehicle.
- (2) Engage door onto pin on upper door hinge.
- (3) Steady door on lifting device and install bolt and nut attaching upper hinge to door end frame. Tighten the hinge bolt and nut to 28 N·m (250 in lbs.) torque. If the double ended stud is loosen or

replaced tighten the stud to 14 N·m (120 in. lbs.) torque.

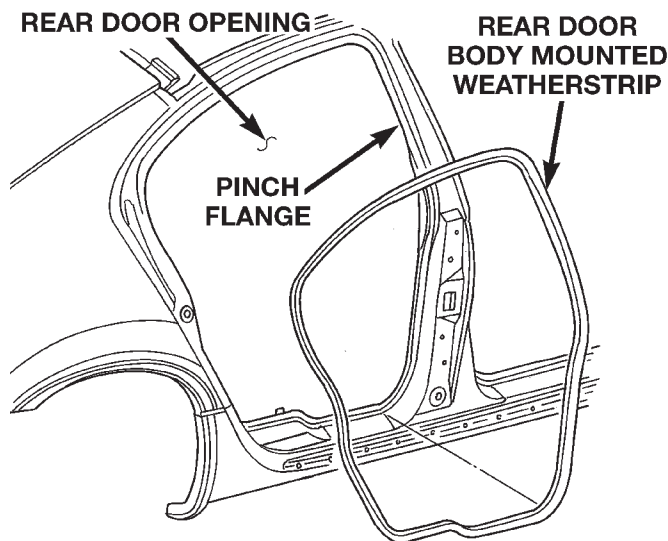
- (4) Install bolt and nut attaching lower hinge to door end frame.
- (5) Verify door alignment and operation.
- (6) Connect door wire harness to instrument panel wire harness.
- (7) Attach check strap.

(8) Align door to achieve equal spacing to surrounding body panels. Panels should be flush across all gaps. If door needs to be aligned (damages or hinge replacement) and can not be achieved, may be necessary to remove the double ended stud and replaced it with a bolt. This may allow extra movement to achieve the proper alignment.

## REAR DOOR BODY MOUNTED WEATHERSTRIP

## REMOVAL

- (1) Open rear door.
- (2) Remove door opening sill plate.
- (3) Pull body mounted weatherstrip from fence around door opening (Fig. 75).



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Fig. 75 Rear Door Body Mounted Weatherstrip

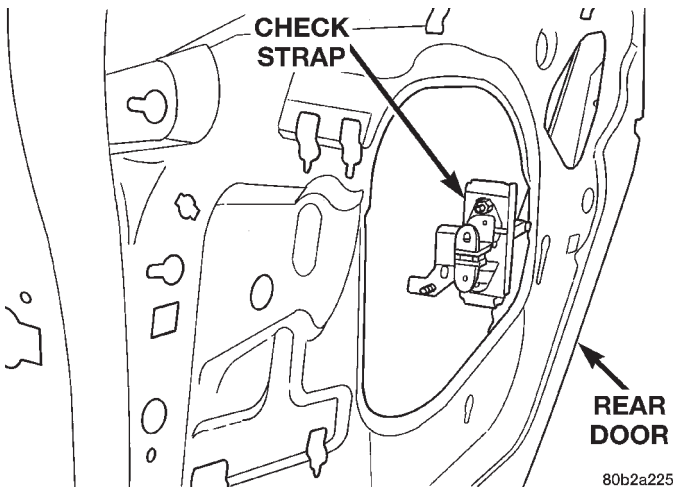
## INSTALLATION

- (1) Position color dot on weatherstrip at the B-pillar upper corner.
- (2) Engage weatherstrip on the fence at upper B-pillar and work down the B-pillar.
- (3) Engage weatherstrip along the header and down the C-pillar.
- (4) Engage weatherstrip along the sill. There may be slack material, work the slack material to the front of the opening.
- (5) Verify weatherstrip sealing.

## REMOVAL AND INSTALLATION (Continued)

**REAR DOOR CHECK STRAP****REMOVAL**

- (1) Close door glass.
- (2) Remove door trim panel.
- (3) Remove water shield as necessary.
- (4) Remove bolt and nut attaching check strap to door end and body.
- (5) Remove check strap from vehicle (Fig. 76).

**Fig. 76 Rear Door Check Strap****INSTALLATION**

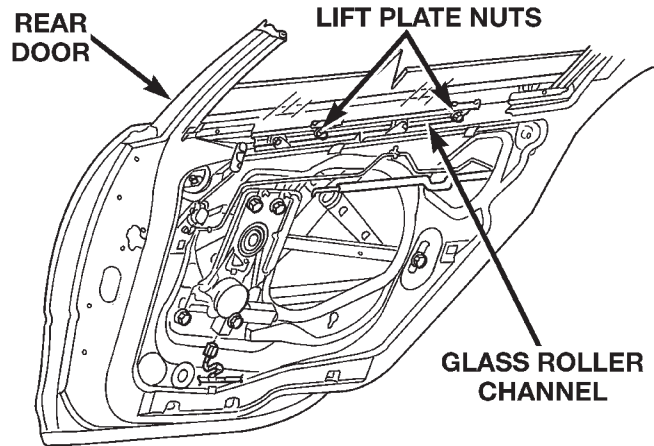
- (1) Place check strap in position on vehicle.
- (2) Install bolt and nut to attach check strap to door end and body.
- (3) Verify check strap operation.
- (4) Install water shield.
- (5) Install door trim panel.

**REAR DOOR GLASS****REMOVAL**

- (1) Remove door trim panel.
- (2) Remove water shield as necessary.
- (3) Raise door glass to gain access to roller channel to glass fasteners through holes in inner door panel.
- (4) Loosen lift plate nuts attaching regulator roller channel to glass (Fig. 77).
- (5) Slide roller channel rearward to allow lift plate nuts to pass through key hole slots in channel.
- (6) Remove glass from roller channel.
- (7) Raise glass upward and out of the opening at top of door.

**INSTALLATION**

- (1) Lower glass into opening at top of door.
- (2) Place glass in position against roller channel.
- (3) Insert lift plate nuts into key hole slots in roller channel and slide channel forward to locked position.
- (4) Tighten nuts to attach regulator roller channel to glass and lift plate.

**Fig. 77 Rear Door Glass**

- (5) Install upper trim retainer channel.
- (6) Install water shield.
- (7) install door trim panel.

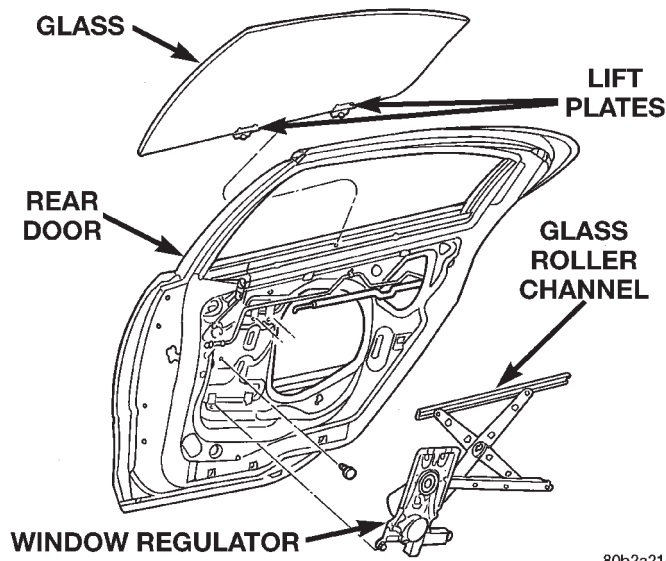
**REAR DOOR GLASS REGULATOR****REMOVAL**

- (1) Remove flag cover, door trim panel, water shield as necessary, and pull cup support bracket.
- (2) Slide glass from regulator roller channel (Fig. 78).
- (3) Disconnect power window motor wire connector.
- (4) Loosen screw attaching regulator scissor channel to door panel.
- (5) Remove screw and bolt heads from keyhole slots in door panel.
- (6) Loosen bolt attaching regulator support brace to door panel.
- (7) Loosen bolts attaching regulator to door panel.
- (8) Remove regulator from door panel.
- (9) Slide regulator rearward and rotate forward end of roller channel through access hole in door panel.

**INSTALLATION**

- (1) Insert roller channel through access hole in door panel.
- (2) Insert bolt and screw heads through key hole slots in door panel.
- (3) Tighten bolts attaching regulator to door panel.
- (4) Tighten bolt to attach regulator support brace to door panel.
- (5) Tighten screw to attach regulator scissor channel to door panel.
- (6) Connect power window motor wire connector.
- (7) Lower door glass on to regulator roller channel.
- (8) Align glass and verify operation.
- (9) Install pull cup support bracket, water shield, door trim panel and flag cover.

## REMOVAL AND INSTALLATION (Continued)

**Fig. 78 Rear Door Window Regulator****REAR DOOR GLASS RUN WEATHERSTRIP****REMOVAL**

- (1) Remove flag cover, door trim panel, water shield as necessary, and pull cup support bracket.
- (2) Remove door glass.
- (3) Pull weatherstrip from lower rear channel above door latch (Fig. 79).
- (4) Pull run weatherstrip from window frame channel.

**INSTALLATION**

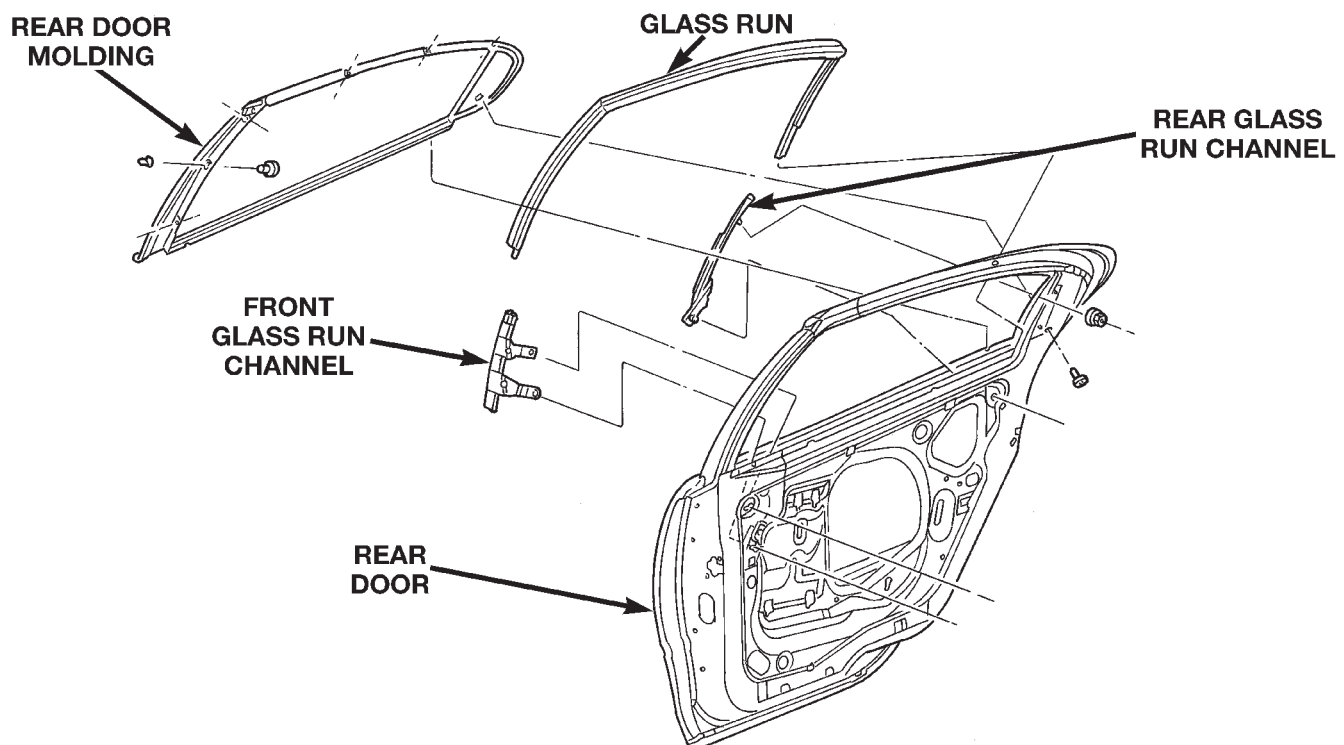
- (1) Clean butyl material from door flange area.
- (2) Place door run weatherstrip in position on window frame channel.
- (3) Push door run weatherstrip in position on window frame channel.
- (4) Push weatherstrip into lower rear channel above door latch.
- (5) Install door glass.
- (6) Install pull cup support bracket, water shield, door trim panel and flag trim.

**REAR DOOR HINGE****REMOVAL**

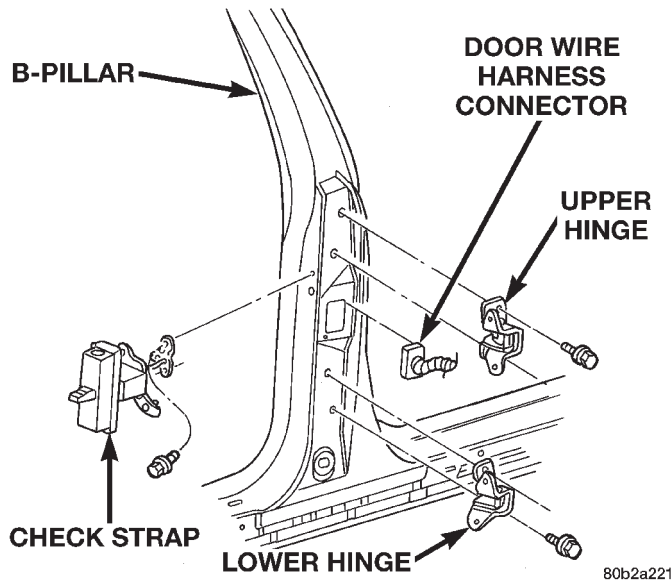
- (1) Mark outline of hinge on B-pillar and door end frame.
- (2) Remove nut and bolt attaching hinge to B-pillar. Refer to Rear Door Removal procedure.
- (3) Remove bolts attaching hinge to door end frame (Fig. 80).
- (4) Remove hinge from door.

**INSTALLATION**

- (1) Align hinge to marks on door end frame.
- (2) Place hinge in position on door.
- (3) Install bolts to attach hinge to door end frame.
- (4) Align hinge to marks on B-pillar.
- (5) Install nut and bolt to attach hinge to B-pillar.
- (6) Verify door alignment and operation, adjust as necessary.

**Fig. 79 Rear Door Glass Run Weatherstrip**

## REMOVAL AND INSTALLATION (Continued)

**Fig. 80 Rear Door Hinge****REAR DOOR LATCH****REMOVAL**

- (1) Close door glass.
- (2) Remove door trim panel.
- (3) Remove rear glass channel.
- (4) Disconnect lock button link from door latch.
- (5) Disconnect outside door handle link from door latch.
- (6) Remove screws attaching door latch to door end frame (Fig. 81).

- (7) Remove latch from door.

**INSTALLATION**

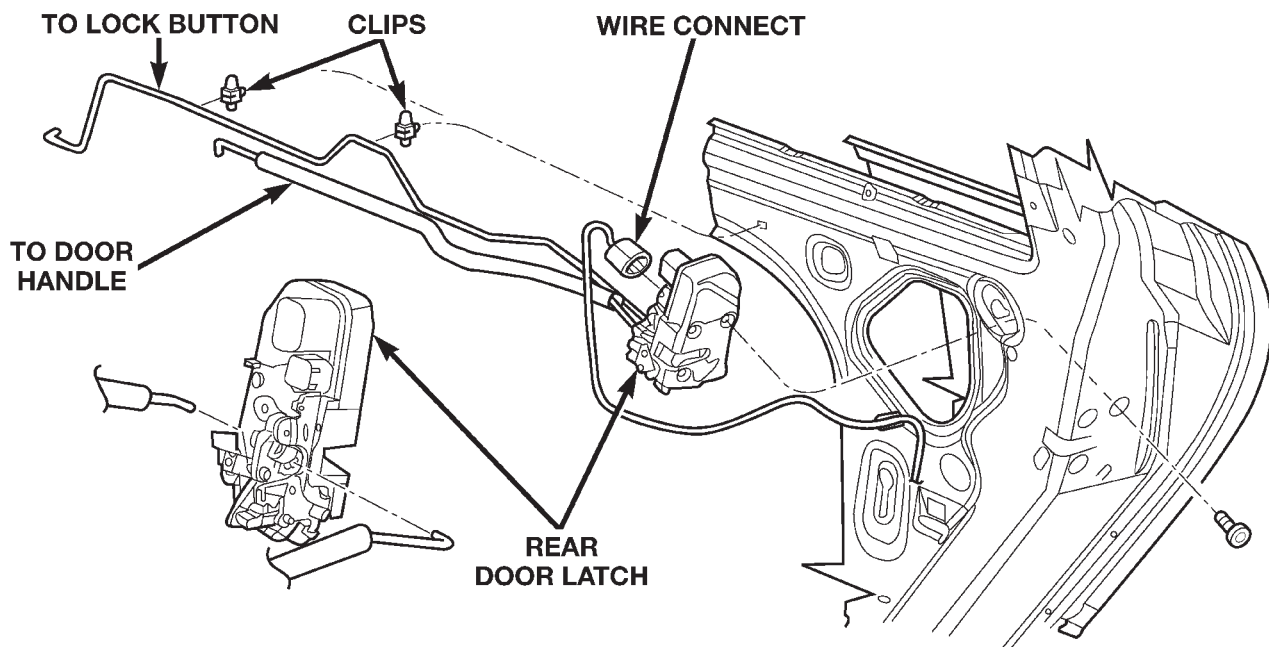
- (1) Place latch in position in door.
- (2) Install screws attaching door latch to door end frame.
- (3) Connect outside door handle link to door latch.
- (4) Connect lock button link to door latch.
- (5) Install rear glass channel.
- (6) Verify door latch operation.
- (7) Install door trim panel.

**REAR DOOR LATCH STRIKER****REMOVAL**

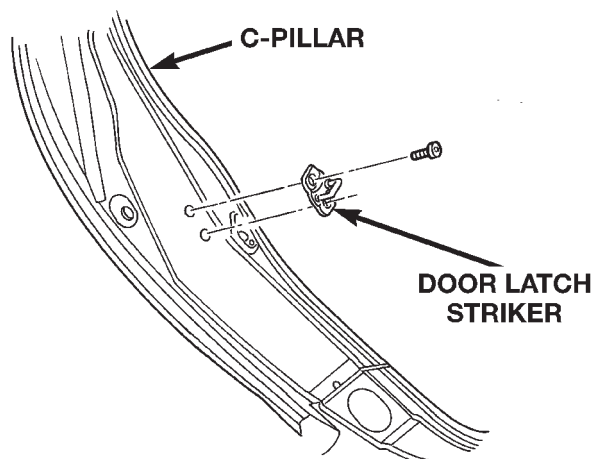
- (1) Open rear door.
- (2) Mark location of door latch striker on C-pillar to assist installation alignment.
- (3) Remove bolts holding striker to C-pillar (Fig. 82).
- (4) Remove door latch striker from vehicle.

**INSTALLATION**

- (1) Place door latch striker in position on vehicle.
- (2) Install bolts to hold striker to C-pillar.
- (3) Align striker to marked location on C-pillar and tighten bolts.
- (4) Verify alignment and operation of door, adjust as necessary.

**Fig. 81 Rear Door Latch**

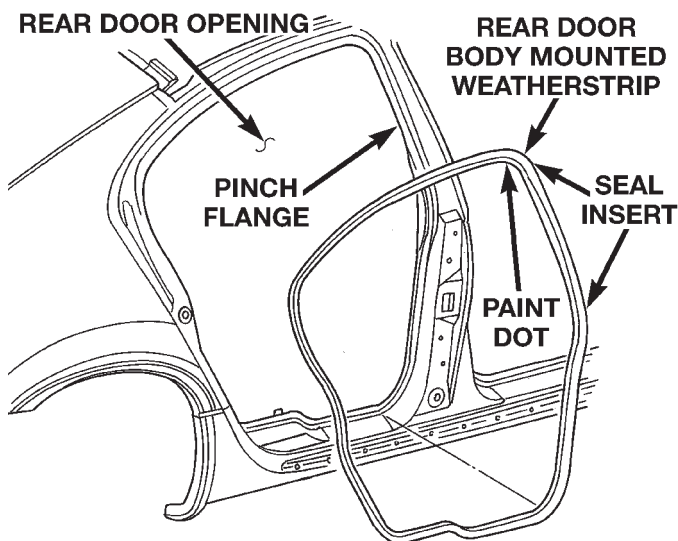
## REMOVAL AND INSTALLATION (Continued)



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**Fig. 82 Rear Door Latch Striker****REAR DOOR MOUNTED WEATHERSTRIP****REMOVAL**

- (1) Open rear door.
- (2) Using a fork type prying tool, disengage push in fasteners attaching weatherstrip to lower door.
- (3) Remove body mounted weatherstrip from pinch weld around door opening (Fig. 83).



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**Fig. 83 Rear Door Mounted Weatherstrip****INSTALLATION**

- (1) Place door mount weatherstrip in position on door with the paint dot in the upper corner of the B-pillar.
- (2) Install push in fasteners to attach door mounted weatherstrip to lower door.
- (3) Verify door alignment and seal.

**REAR DOOR SAIL PANEL****REMOVAL**

- (1) Open the rear door.
- (2) Using an trim stick, release clip attaching sail panel to the door.
- (3) Remove sail panel.

**INSTALLATION**

- (1) Position sail panel on door.
- (2) Press on sail panel to engage clips.

**REAR DOOR TRIM PANEL****REMOVAL**

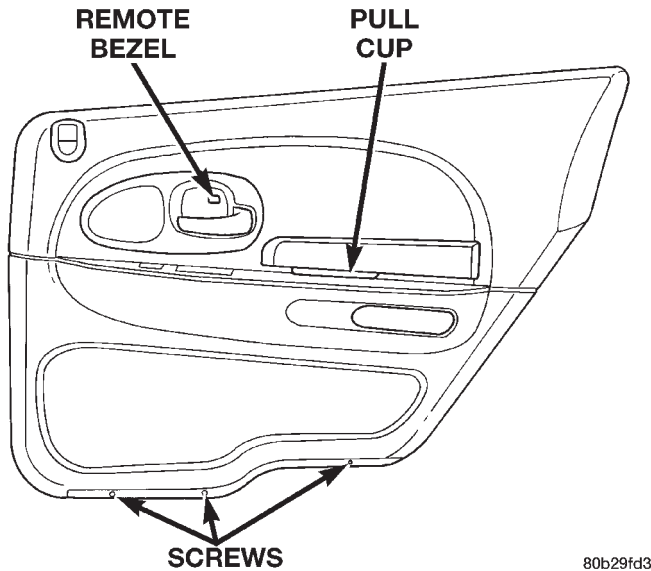
**CAUTION:** Do not pry on door trim panel, damage to trim panel will result.

- (1) Remove trim plug from the remote bezel by inserting a small flat blade tool into the notch and remove, if equipped (LHS/300M).
- (2) Remove screw in the pull cup.
- (3) Remove screw in remote bezel.
- (4) Remove three screws from the bottom edge of door (Fig. 84).
- (5) Using an trim tool, disengage the retaining clips from the door trim panel to the door panel. Two clips at the rear of panel and one at the front of the panel (Fig. 85).
- (6) Raise trim panel up over the door flange and being careful to hold the panel securely.
- (7) Disconnect the remote linkage from the door remote handle.
- (8) Remove the wire connect from the rear door speaker.
- (9) Disconnect power window switch wire connector.
- (10) Disconnect wiring harness clips from the trim panel.
- (11) Disconnect the courtesy lamp.
- (12) Remove trim panel from door.

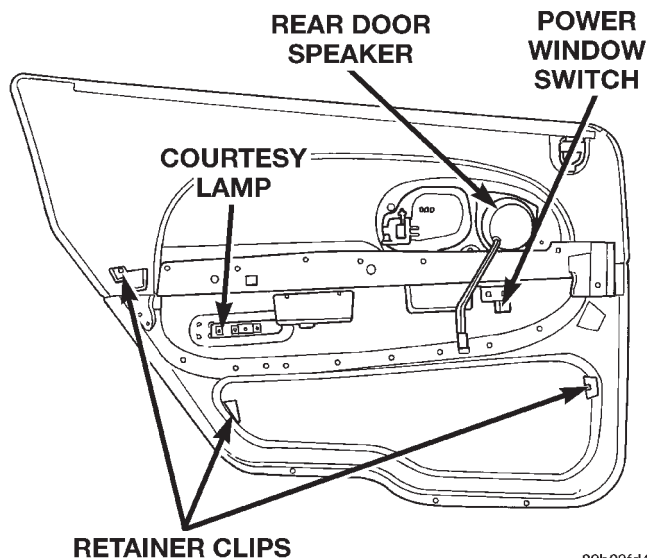
**INSTALLATION**

- (1) Place trim panel in position on door.
- (2) Connect the courtesy lamp.
- (3) Connect the wiring harness clips to the trim panel.
- (4) Connect the power window switch wire harness connector.
- (5) Connect the rear door speaker wire connect.
- (6) Connect the remote handle linkage.
- (7) Install the water shield. Ensure that the water shield locator holes align. Ensure that the shield is sealed.

## REMOVAL AND INSTALLATION (Continued)



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**Fig. 84 Rear Door Trim Panel – Typical**

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**Fig. 85 Rear Door Inner Trim Panel – Typical**

(8) Place trim panel into channel retainer at top door.

(9) Insert trim panel into channel retainer at top door.

(10) Insert the forward four way alignment guide into position. Insert the rearward two way alignment guide into position.

(11) Install new retaining clips to attach door trim panel to door panel.

(12) Engage retaining clips attach door trim panel to door panel.

(13) Install three screws to the bottom of the door. Tighten screws 1.7 to 2.3 N·m (15 to 20 in. lbs.) torque.

(14) Install screw in the remote bezel.

(15) Install screw in pull cup. Tighten screw 1.7 to 2.3 N·m (15 to 20 in. lbs.) torque.

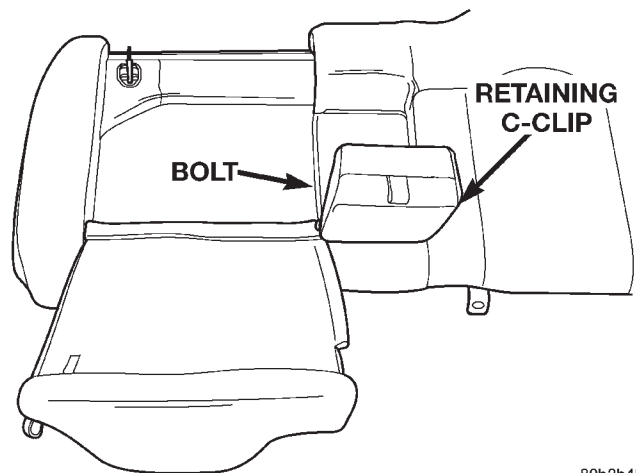
(16) Install remote bezel trim plug, if equipped.

**REAR SEAT ARM REST – 60/40****REMOVAL**

- (1) Open door.
- (2) Fold down 40 rear seat.
- (3) Remove arm rest bolt (Fig. 86).
- (4) Remove retaining C-clip.
- (5) Remove arm rest.

**INSTALLATION**

- (1) Place arm rest on bracket.
- (2) Install arm rest nut. Tighten to 12 N·m (9 ft. lbs.) torque.
- (3) Install access retaining nut cover.
- (4) Reposition the seats.



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**Fig. 86 Rear Seat Arm Rest – 60/40****REAR SEAT ARM REST WITH SKI PASS****REMOVAL**

- (1) Remove rear seat cushion.
- (2) Remove seat back fastener.
- (3) Remove seat back with arm rest and ski pass (Fig. 87).
- (4) Remove silencer panel fasteners on the back of seat back (Fig. 88).
- (5) Remove silencer panel.
- (6) Remove fasteners attaching arm to seat back (Fig. 89).
- (7) Remove arm rest (Fig. 90).

**INSTALLATION**

- (1) Place arm rest into position.
- (2) Install fasteners attaching arm rest to seat back. Tighten fasteners to 5 N·m (46 in. lbs.) torque.
- (3) Install silencer fasteners.
- (4) Install seat back.
- (5) Install seat cushion.

## REMOVAL AND INSTALLATION (Continued)

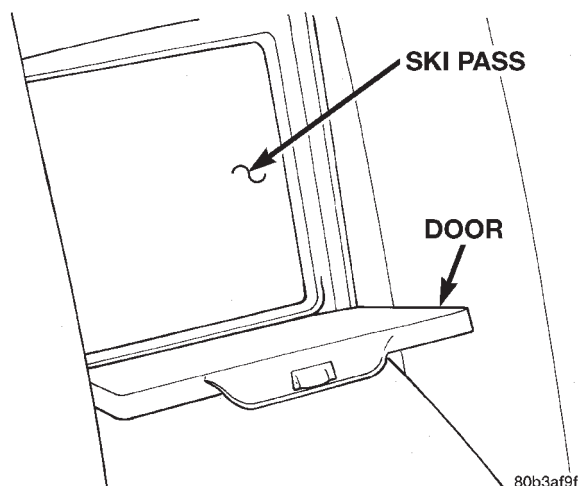


Fig. 87 Arm Rest with Ski Pass

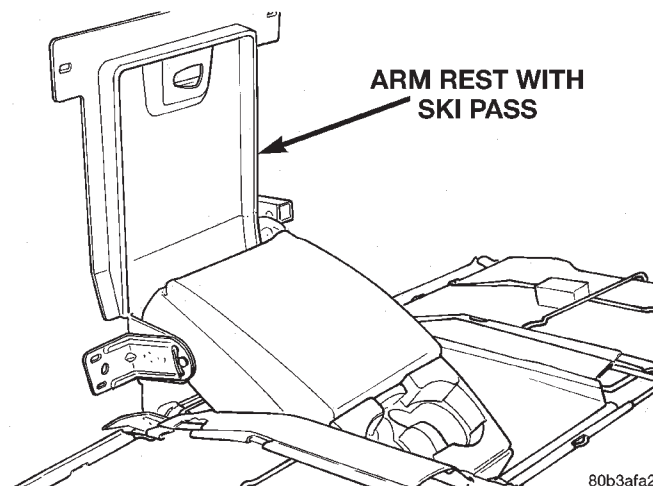


Fig. 90 Arm Rest Removal

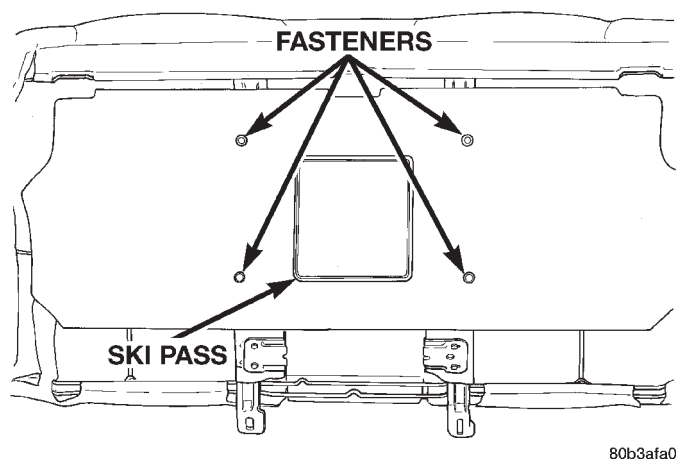


Fig. 88 Rear Seat Silencer

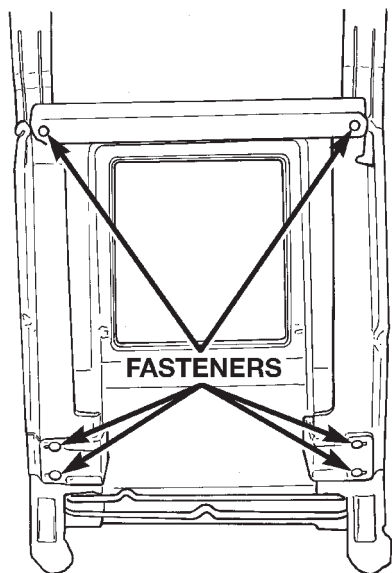


Fig. 89 Rear Seat Arm Rest With Ski Pass

## REAR ASSIST HANDLE AND READING LAMP

## REMOVAL

- (1) Pull down coat hook.
- (2) Remove screw holding assist handle to roof from behind coat hook.
- (3) Pull and hold assist handle down.
- (4) Remove front screw attaching assist handle to roof (Fig. 91).
- (5) Remove assist handle from roof.
- (6) Disengage clips attaching reading lamp socket to back of assist handle base.
- (7) Disconnect reading lamp switch from slot on back of assist handle base.
- (8) Separate assist handle from vehicle.

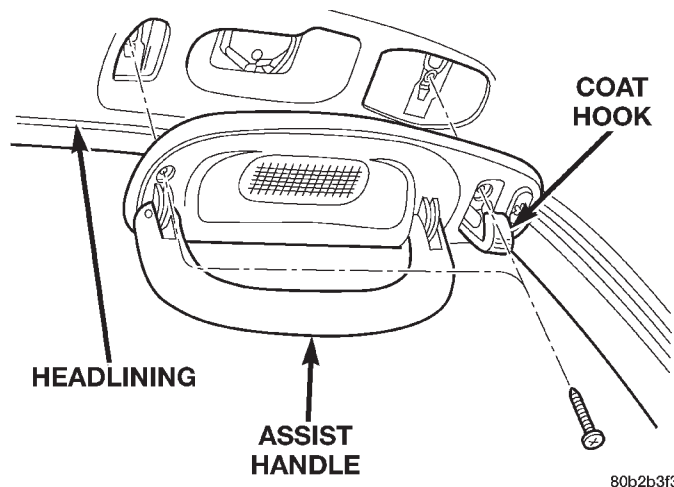


Fig. 91 Rear Assist Handle and Reading Lamp

## INSTALLATION

- (1) Place assist handle in position on vehicle.
- (2) Connect reading lamp switch into slot on back of assist handle base.

## REMOVAL AND INSTALLATION (Continued)

- (3) Engage clips to attach reading lamp socket to back of assist handle base.
- (4) Place assist handle in position on roof.
- (5) Pull and hold assist handle down.
- (6) Install front screw to attach assist handle to roof.
- (7) Install screw behind coat hook to attach assist handle to roof.

### REAR SEAT BACK

#### REMOVAL

- (1) Remove rear seat cushion.
- (2) Remove fasteners attaching rear seat back and belts to floor (Fig. 92).
- (3) Push rear seat back upward to disengage hooks at top of seat back.
- (4) Remove rear seat from vehicle.

#### INSTALLATION

- (1) Place rear seat in position in vehicle.
- (2) Engage hooks at top of seat back.
- (3) Install fasteners to attach rear seat back and belts to floor. Tighten fasteners to 44 N·m (32 ft. lbs.) torque.
- (4) Install rear seat cushion.

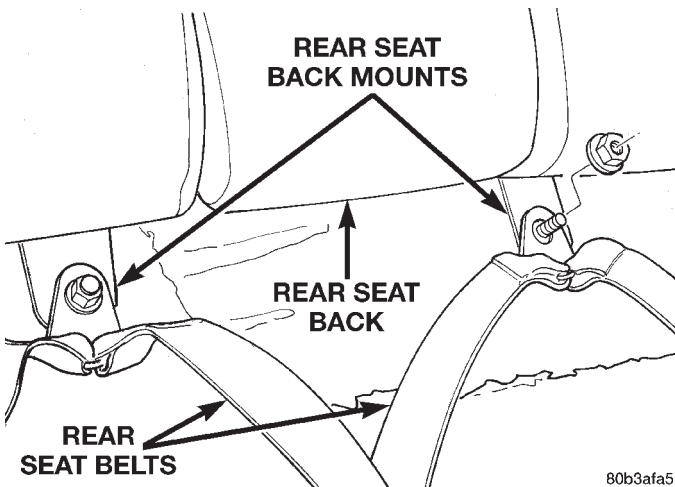


Fig. 92 Rear Seat Back

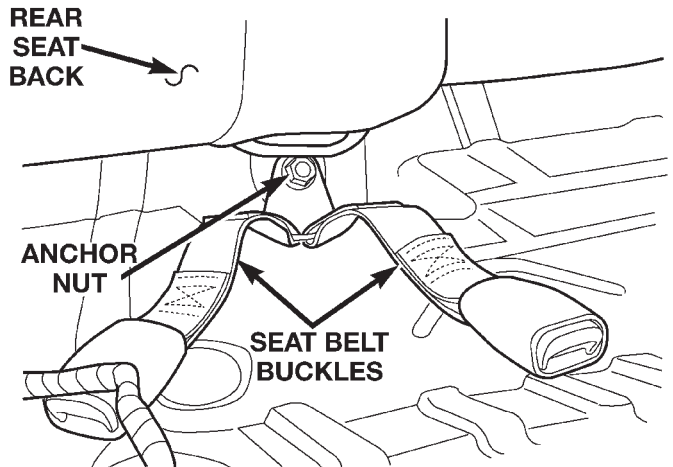
### REAR SEAT BELT BUCKLE

#### REMOVAL

- (1) Remove rear seat cushion.
- (2) Remove seat belt anchor nut (Fig. 93).
- (3) Remove seat belt buckle(s) from stud on floor.

#### INSTALLATION

- (1) Place seat belt buckle(s) anchor over stud on floor.
- (2) Install rear seat belt anchor nut. Tighten to 60 N·m (44 ft. lbs.).
- (3) Install rear seat cushion.



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Fig. 93 Rear Seat Belt Buckle(s)

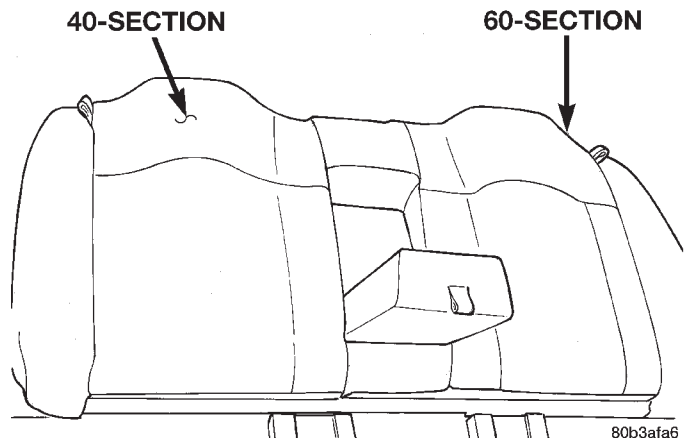
### REAR SEAT BACK - 40 SECTION

#### REMOVAL

- (1) Open door.
- (2) Remove seat cushion.
- (3) Remove nuts attaching seat back collar assembly.
- (4) Remove seat back collar assembly (Fig. 94).
- (5) Remove bolt attaching 40 section (Fig. 95).
- (6) Slide seat back 40 section off pin and remove from the collar assembly (Fig. 96).

#### INSTALLATION

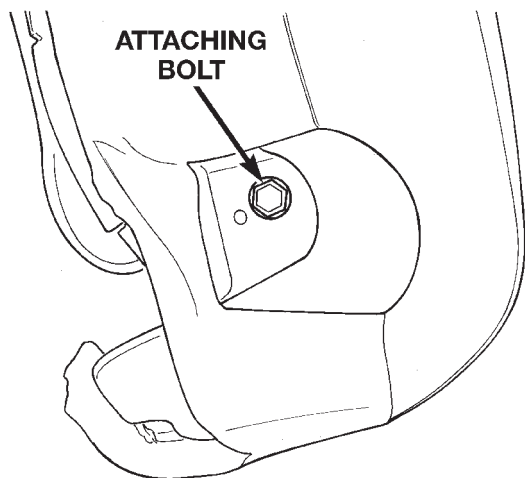
- (1) Place seat back 40 section on pin.
- (2) Install bolt attaching 40 section seat back to collar section. Tighten bolt to 60 N·m (44 ft. lbs.) torque.
- (3) Place in position seat back collar assembly.
- (4) Install nuts attaching seat back collar assembly. Tighten nuts to 60 N·m (44 ft. lbs.) torque.
- (5) Install seat cushion.



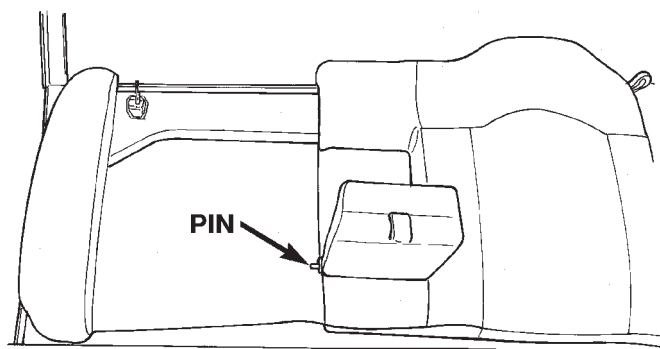
80b3afa6

Fig. 94 Collar Assembly

## REMOVAL AND INSTALLATION (Continued)



80b3afa7

**Fig. 95 Remove 40 Section Seat Back**

80b3afa8

**Fig. 96 40 Section Pivot Pin****REAR SEAT BACK - 60 SECTION****REMOVAL**

- (1) Open door.
- (2) Remove rear seat cushion.
- (3) Remove nuts attaching seat back collar assembly.
- (4) Remove seat back collar assembly.
- (5) Remove bolt attaching 40 seat section.
- (6) Remove the 40 seat section.
- (7) Remove bolt attaching 60 seat section (Fig. 97).
- (8) Slide seat back 60 seat section off pin and remove from the collar assembly.

**INSTALLATION**

- (1) Install the 60 seat section on pin.

(2) Install bolt attaching 60 seat section. Tighten bolt to 16 N·m (12 ft. lbs.) torque.

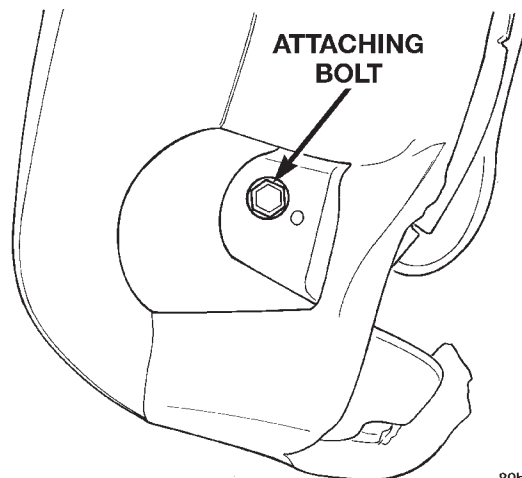
(3) Install the 40 seat section on pin.

(4) Install bolt attaching 40 seat section.

(5) Place in position seat back collar assembly.

(6) Install nuts attaching seat back collar assembly. Tighten nuts to 60 N·m (44 ft. lbs.) torque.

(7) Install the rear seat cushion.



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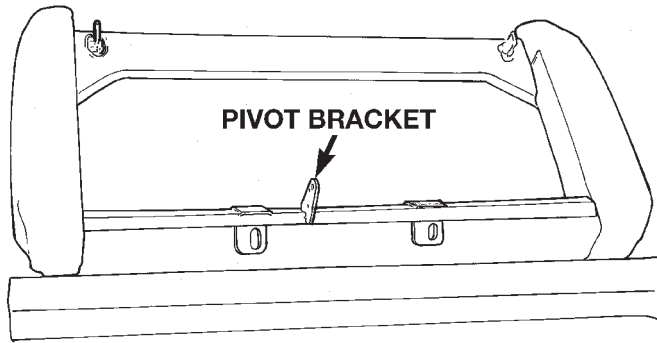
**Fig. 97 Rear Seat Back 60 Section****REAR SEAT BACK COLLAR ASSEMBLY - 60/40 SEAT****REMOVAL**

- (1) Open door.
- (2) Remove rear seat cushion.
- (3) Remove nuts attaching rear seat back collar assembly.
- (4) Remove rear seat back collar assembly.
- (5) Remove the 40 seat section from the rear seat back collar assembly.
- (6) Remove the 60 seat section from the rear seat back collar assembly (Fig. 98).

**INSTALLATION**

- (1) Install the 60 seat section from the rear seat back collar assembly.
- (2) Install the 40 seat section from the rear seat back collar assembly.
- (3) Place in position the rear seat back collar assembly.
- (4) Install nuts attaching rear seat back collar assembly. Tighten nuts to 60 N·m (44 ft. lbs.) torque.
- (5) Install the rear seat cushion.

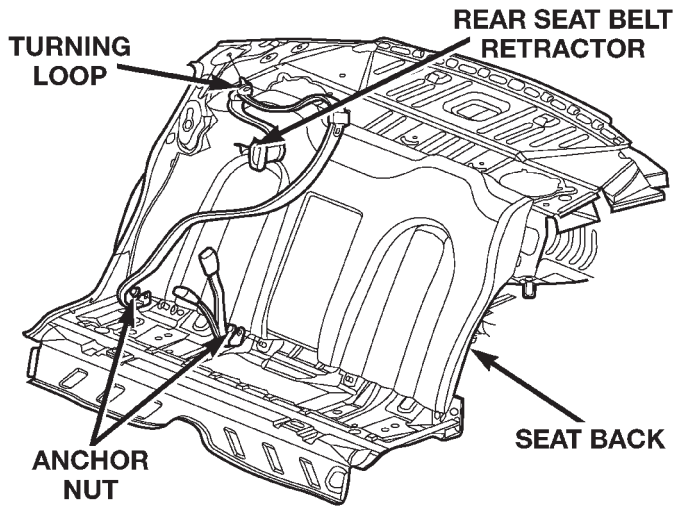
## REMOVAL AND INSTALLATION (Continued)



80b3afaa

**Fig. 98 Rear Seat Back Collar****REAR SEAT BELT RETRACTOR****REMOVAL**

- (1) Remove seat cushion and back.
- (2) Remove upper quarter trim panels.
- (3) Remove one lower quarter trim panel.
- (4) Remove nut attaching lower seat belt anchor to floor.
- (5) Remove turning loop bolt.
- (6) Remove bolt attaching belt retractor to quarter panel.(Fig. 99).
- (7) Remove belt from vehicle.



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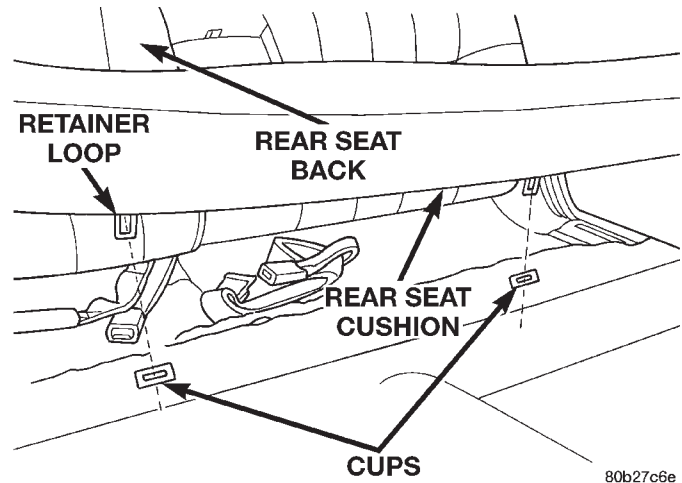
**Fig. 99 Rear Seat Belt Retractor****INSTALLATION**

- (1) Place belt in position on vehicle.
- (2) Install bolt to attach belt retractor to quarter panel.
- (3) Install the turning loop.
- (4) Install nut to attach lower seat belt anchor to floor.

- (4) Tighten nut to 60 N·m (44 ft. lbs.) torque.
- (5) Install lower quarter trim panel.
- (6) Install upper quarter trim panels.
- (7) Install seat back and cushion.

**REAR SEAT CUSHION****REMOVAL**

- (1) Pull upward at each retainer loop of the rear seat cushion to disengage retainer loops from cups in floor (Fig. 100).
- (2) Remove rear seat cushion from vehicle.



80b27c6e

**Fig. 100 Rear Seat Cushion****INSTALLATION**

- (1) Place rear seat cushion in position in vehicle.
- (2) Engage retainer loops into cup on floor kick-up.
- (3) Push downward at each retainer loop of the rear seat cushion to engage retainers.

**REAR SEAT CUSHION COVER****REMOVAL**

- (1) Remove rear seat cushion.
- (2) Disengage the J-strap retainers (Fig. 101).
- (3) Cut hog rings to free cover (Fig. 102).
- (4) Remove seat cushion cover from seat cushion.

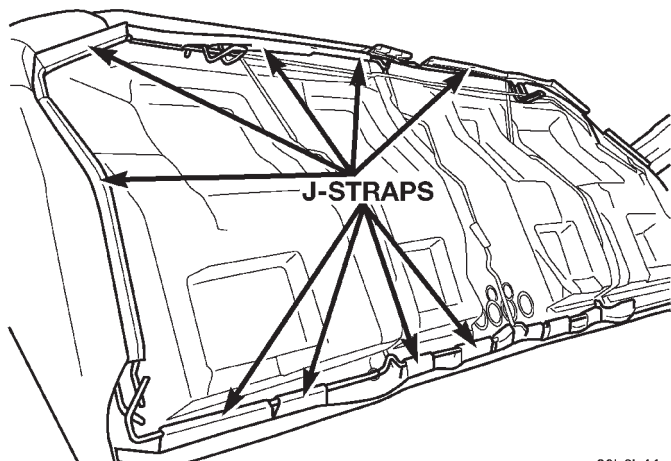
**INSTALLATION**

- (1) Position seat cushion cover on cushion.
- (2) Install hog rings to seat cover.
- (3) Engage the J-strap retainers.
- (4) Steam wrinkles from seat cushion, if necessary.
- (5) Install seat cushion.

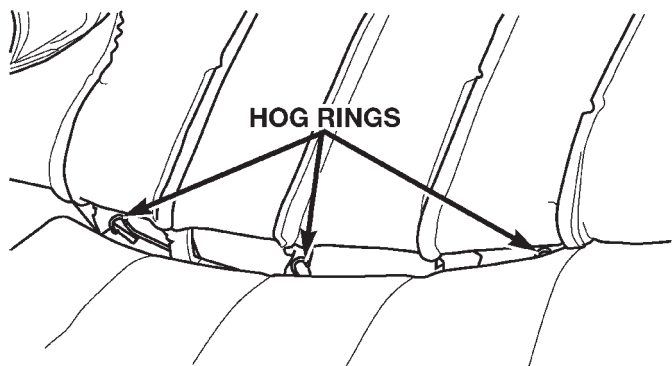
**REAR SHELF TRIM PANEL****REMOVAL**

- (1) Remove seat cushion and back.
- (2) Remove quarter trim lower and upper trim panels.

## REMOVAL AND INSTALLATION (Continued)



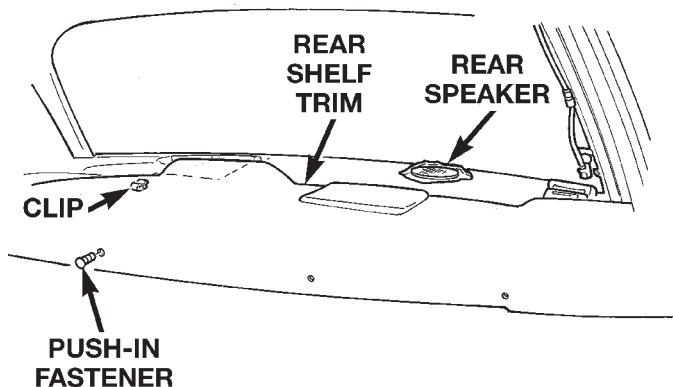
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**Fig. 101 Rear Seat Cushion Cover J-Straps**

80b2b44d

**Fig. 102 Rear Seat Cushion Cover Hog Rings**

- (3) Remove push in fasteners.
- (4) Pull rear shelf trim panel away from rear glass to disengage clips (Fig. 103).
- (5) Disengage CHMSL wire connector, if equipped.
- (6) Remove rear shelf trim panel from vehicle.



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**Fig. 103 Parcel Shelf Trim Panel****INSTALLATION**

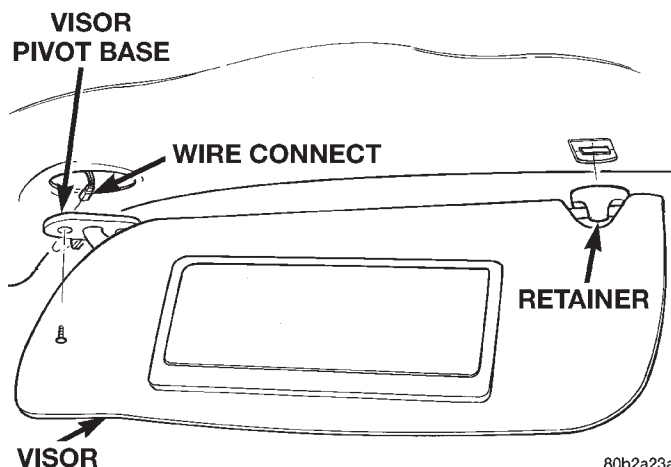
- (1) Place rear shelf trim panel in position in vehicle.
- (2) Connect CHMSL wire connector.
- (3) Push parcel shelf trim rearward toward rear glass and engage clips.
- (4) Insert push in fasteners into position.
- (5) Install quarter trim lower and upper panels.
- (6) Install seat back and cushion.

**SUN VISOR**

All vehicles with driver and passenger side air bags must have a colored coded five Bullet point air bag warning label applied to the sun visor, verify label availability and ensure the label is installed.

**REMOVAL**

- (1) Remove screw attaching inboard visor retainer to over head.(Fig. 104).
- (2) Remove screws holding outboard visor pivot base to roof.
- (3) Disconnect visor vanity lamp wire connector, if equipped.
- (4) Remove visor from vehicle.



80b2a23a

**Fig. 104 Sun Visor****INSTALLATION**

- (1) Engage visor vanity lamp wire connector, if equipped.
- (2) Place visor in position on header.
- (3) Install screws to attach outboard visor pivot base to over head.
- (4) Install screw to attach inboard visor retainer to over head.

**TRUNK CARPET****REMOVAL**

- (1) Remove rear seat cushion and back.
- (2) Remove fasteners at forward edge along wheel housing.

## REMOVAL AND INSTALLATION (Continued)

- (3) Remove spare tire board, jack, and tire.
- (4) Remove fasteners at back panel and sides.
- (5) Remove carpet.

### INSTALLATION

- (1) Fold carpet and load into trunk.
- (2) Install fasteners.
- (3) Install spare tire, jack and board.
- (4) Install rear seat back and cushion.

## UPPER RADIATOR CLOSURE PANEL

### REMOVAL

- (1) Open hood.
- (2) Mark bolt locations on the upper radiator closure panel.
- (3) Remove bolts attaching windshield washer bottle and speed control servo, if equipped (Fig. 105).
- (4) Remove headlamp jackscrews both sides.
- (5) Remove fasteners attaching upper bumper fascia.
- (6) Remove bolts attaching the forward edge of upper radiator closure panel.
- (7) Remove bolts attaching upper radiator closure panel.
- (8) Disconnect hood latch cable from hood latch.
- (9) Remove upper radiator closure panel from vehicle.
- (10) For replacement of upper radiator closure panel, remove hood latch, and any other hardware.

### INSTALLATION

- (1) Place in position the upper radiator closure panel.
- (2) Connect hood latch cable to hood latch.
- (3) Install bolts attaching upper radiator closure panel. Check bolt alignment marks.
- (4) Install bolts attaching the forward edge of upper radiator closure panel.

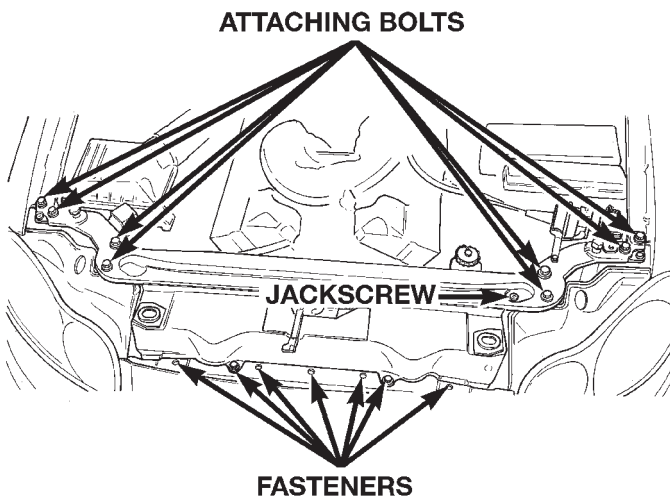


**Fig. 105 Upper Radiator Closure Panel**

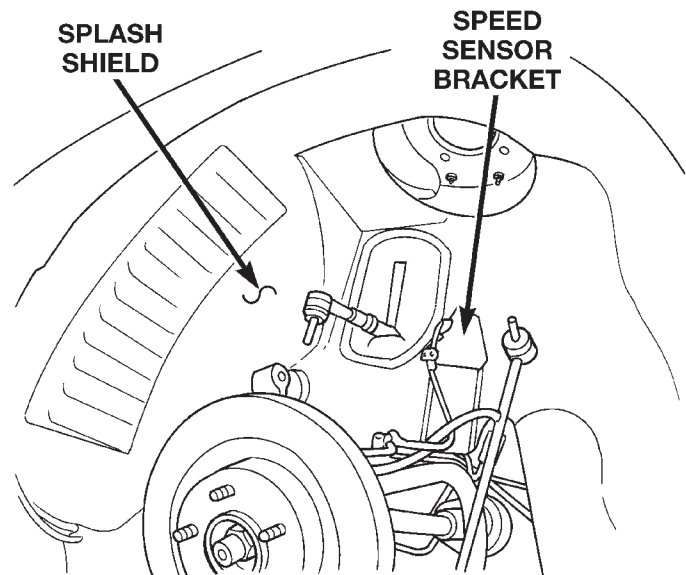
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- (5) Install fasteners attaching upper bumper fascia.
- (6) Install headlamp jackscrews both sides.
- (7) Check hood latch operation.

## WHEELHOUSE SPLASH SHIELD – FRONT

### REMOVAL

- (1) Hoist and support vehicle on safety stands.
- (2) Remove front wheel.
- (3) Remove strut assembly from vehicle. Refer to Group 2, Suspension.
- (4) Remove screws attaching speed sensor bracket (Fig. 106). Move bracket to access speed sensor wire connector.
- (5) Disconnect speed sensor wire connector.
- (6) Remove fasteners attaching splash shield to inner wheelhouse.
- (7) Remove splash shield from vehicle.



80b29f31

**Fig. 106 Wheelhouse Splash Shield**

### INSTALLATION

- (1) Place splash shield into position.
- (2) Install fasteners to attach splash shield.
- (3) Connect speed sensor wire connector.
- (4) Install screws attaching speed sensor bracket.
- (5) Install strut assembly.
- (6) Install front wheel.
- (7) Lower vehicle.

## WHEELHOUSE SPLASH SHIELD – REAR

### REMOVAL

- (1) Hoist and support vehicle on safety stands.
- (2) Remove rear wheel.
- (3) Remove fasteners attaching splash shield.

## REMOVAL AND INSTALLATION (Continued)

(4) The shock tower area will have to be cut out of the splash shield. This will ease the removal or installation of the splash shield.

(5) Remove splash shield from vehicle.

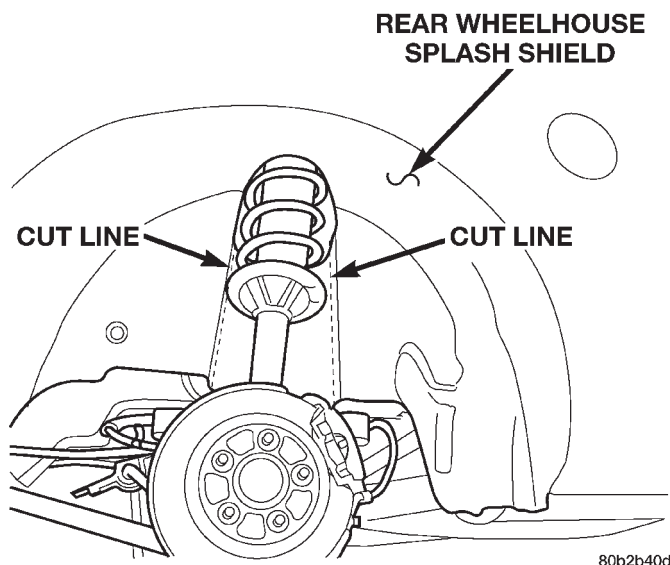


**Fig. 107 Rear Wheelhouse Splash Shield**

## INSTALLATION

- (1) Place splash shield in position on vehicle with the shock tower cut out.
- (2) Install fasteners to hold splash shield place.
- (3) Install rear wheel.
- (4) Lower vehicle.

## ADJUSTMENTS

## FRONT DOOR GLASS ADJUSTMENT

- (1) Remove door trim panel.
- (2) Remove water shield as necessary.
- (3) Loosen fastener attaching scissor channel to door panel at rear of access hole (Fig. 108).
- (4) Position glass in run weatherstrips to achieve smooth operation and proper fit.
- (5) Push glass aft and apply slight downward pressure on scissor channel and tighten screw.
- (6) Tighten all fasteners.
- (7) Install water shield.
- (8) Install door trim panel.

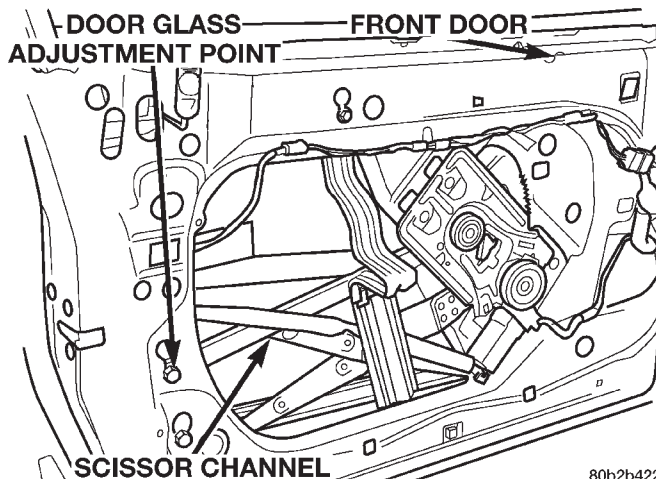


**Fig. 108 Front Door Glass Adjustment**

## REAR DOOR GLASS ADJUSTMENT

- (1) Remove door trim panel.
- (2) Remove water shield as necessary.
- (3) Loosen fastener attaching scissor channel to door panel at rear of access hole (Fig. 109).
- (4) Position glass in run weatherstrips to achieve smooth operation and proper fit.
- (5) Push glass aft and apply slight downward pressure on scissor channel and tighten screw.
- (6) Tighten all fasteners.
- (7) Install water shield.
- (8) Install door trim panel.

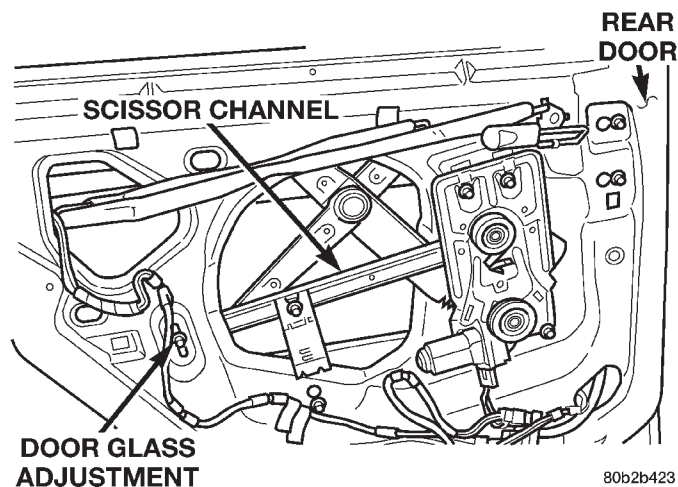


**Fig. 109 Rear Door Glass Adjustment**

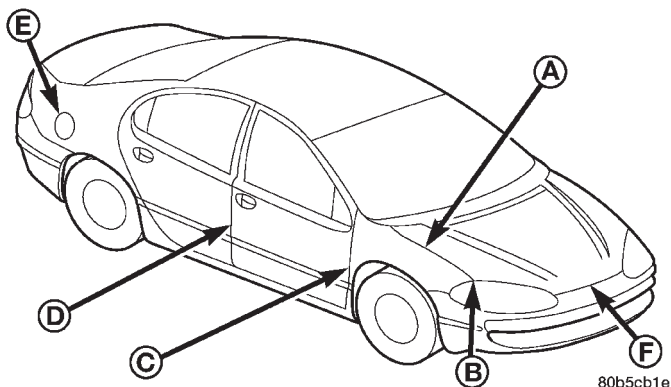
## SPECIFICATIONS

## BODY GAP AND FLUSH DIMENSIONS

## INTREPID

## INTREPID FRONT AND SIDE VIEW

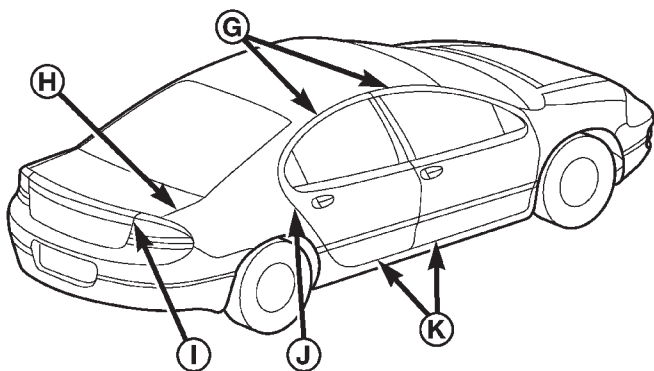
|   |                              |                 |
|---|------------------------------|-----------------|
| A | Hood to Fender               |                 |
|   | $G = 4.0 \pm 1$              | $F = 0 - 1.0$   |
| B | Hood to Fender Fore and Aft. |                 |
|   | $G = 0 \pm 1$                | $F = 0 \pm 1.0$ |
| C | Front Door To Fender         |                 |
|   | $G = 5.0 \pm 1.5$            | $F = 0 - 1.0$   |
| D | Rear Door to Front Door      |                 |
|   | $G = 5.0 \pm 1.5$            | $F = 0 - 1.0$   |
| E | Fuel Filter Door To Quarter  |                 |
|   | $G = 3.0 \pm 0.75$           | $F = 0 - 1.0$   |
| F | Fascia to Hood               |                 |
|   | $G = 5.0 \pm 2.5$            | $F = 0 - 1.5$   |



Intrepid Front and Side View

## INTREPID REAR AND SIDE VIEW

|   |                                    |                   |
|---|------------------------------------|-------------------|
| G | Front and Rear Door to Roof        |                   |
|   | $G = 5.0 \pm 2.5$                  | $F = 0 - \pm 2.0$ |
| H | Deck Lid To Quarter Panel          |                   |
|   | $G = 4 \pm 1.5$                    | $F = 0 \pm 1.5$   |
| I | Tail lamp to applique and Deck Lid |                   |
|   | $G = 5.0 \pm 1.5$                  | $F = 0 \pm 2.0$   |
| J | Rear Door to Quarter Panel         |                   |
|   | $G = 5.0 \pm 1.5$                  | $F = 0 - 1.0$     |
| K | Front Rear Door To Sill            |                   |
|   | $G = 7.0 \pm 2.0$                  | $F = 0 \pm 2.0$   |

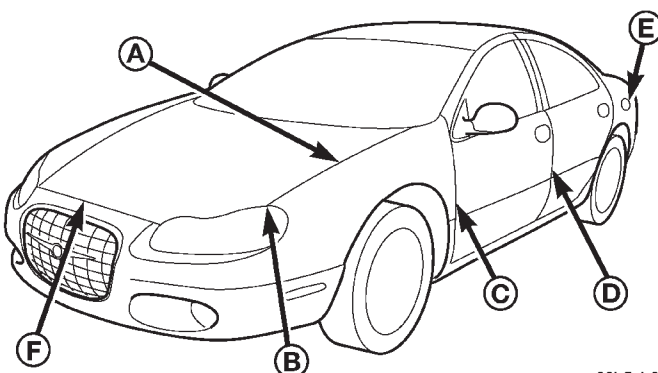


Intrepid Rear and Side View

## CONCORDE LHS AND 300M

## CONCORDE LHS AND 300M – FRONT AND SIDE VIEW

|   |                              |                   |
|---|------------------------------|-------------------|
| A | Hood to Fender               |                   |
|   | $G = 4.0 \pm 1.5$            | $F = 0 \pm 1.5$   |
| B | Hood to Fender Fore and Aft. |                   |
|   | $G = 0 \pm 1$                | $F = 0 \pm 2.0$   |
| C | Front Door To Fender         |                   |
|   | $G = 5.0 \pm 1.5$            | $F = 0 - 1.0$     |
| D | Rear Door to Front Door      |                   |
|   | $G = 5.0 \pm 1.5$            | $F = 0 - 1.0$     |
| E | Fuel Filter Door To Quarter  |                   |
|   | $G = 3.0 \pm 0.75$           | $F = 0 - 1.5$     |
| F | Fascia to Hood               |                   |
|   | $G = 5.0 \pm 1.5$            | $F = 1.5 \pm 0.5$ |

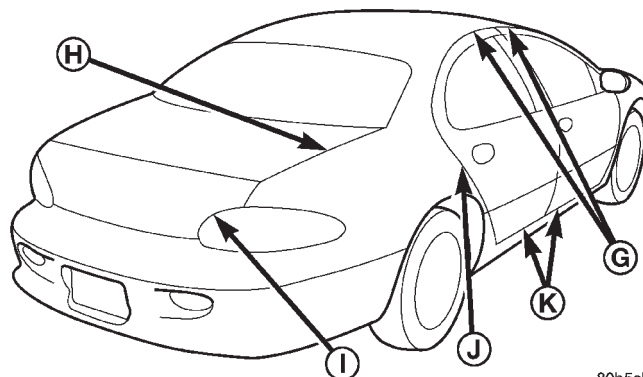


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Concorde LHS and 300M – Front and Side View

## CONCORDE LHS AND 300M – REAR AND SIDE VIEW

|   |                                    |                 |
|---|------------------------------------|-----------------|
| G | Front and Rear Door to Roof        |                 |
|   | $G = 5.0 \pm 1.5$                  | $F = 0 - 1.0$   |
| H | Deck Lid To Quarter Panel          |                 |
|   | $G = 4.0 \pm 1.5$                  | $F = 0 \pm 1.0$ |
| I | Tail lamp to applique and Deck Lid |                 |
|   | $G = 5.0 \pm 1.5$                  | $F = N/A$       |
| J | Rear Door to Quarter Panel         |                 |
|   | $G = 5.0 \pm 1.5$                  | $F = 0 + 1.0$   |
| K | Front Rear Door To Sill            |                 |
|   | $G = 7.0 \pm 2.0$                  | $F = 0 \pm 1.5$ |



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Concorde LHS and 300M – Rear and Side View

## SPECIFICATIONS (Continued)

## BODY LUBRICATION SPECIFICATIONS

## LUBRICATION REQUIREMENTS

Body mechanisms and linkages should be inspected, cleaned, and lubricated, as required, to maintain ease of operation and to provide protection against rust and wear. When performing other under hood services, the hood latch release mechanism and safety catch should be inspected, cleaned, and lubricated. During the winter season, external door lock cylinders should be lubricated to assure proper operation when exposed to water and ice.

Prior to the application of any lubricant, the parts concerned should be wiped clean to remove dust and grit. If necessary, a suitable solvent can be used to clean the item to be lubricated. After lubricating a component, any excess oil or grease should be removed.

## LUBRICANT APPLICATION

## DOOR LOCK CYLINDERS

- (1) Apply a small amount of lubricant directly into the lock cylinder.
- (2) Apply a small amount of lubricant to the key.
- (3) Insert key into lock cylinder and cycle the mechanism from the locked to the unlocked position.

**NOTE: Do not add more lubricant.**

- (4) Cycle the lock cylinder mechanism several times to allow the lubricant to flow throughout the cylinder.

- (5) Wipe all lubricant from exterior of lock cylinder and key.

## ALL OTHER BODY MECHANISMS

- (1) Clean component as described above.
- (2) Apply specified lubricant to all pivoting and sliding contact areas of component.

## LUBRICANT USAGE

## ENGINE OIL

- Door Hinges – Hinge Pin and Pivot Contact Areas
- Hood Hinges – Pivot Points
- Liftgate Hinges
- Deck lid Hinges

## MOPAR® SPRAY WHITE CUBE OR EQUIVALENT

- Door Check Straps
- Liftgate Latches
- Liftgate Prop Pivots
- Ash Receiver
- Fuel Filler Door Remote Control Latch Mechanism
- Parking Brake Mechanism
- Sliding Seat Tracks
- Deck lid Latch

## MOPAR® Multipurpose GREASE OR EQUIVALENT

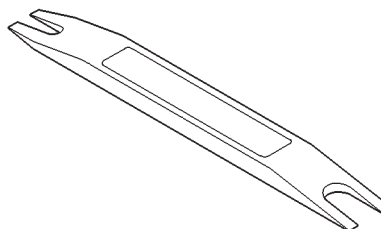
- All Other Hood Mechanisms

## MOPAR® LOCK CYLINDER LUBRICANT OR EQUIVALENT

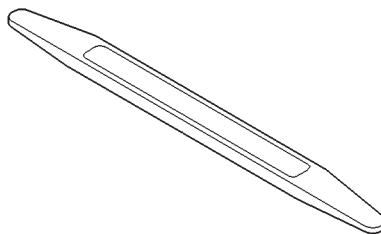
- Door Lock Cylinders
- Deck lid Lock Cylinder

## SPECIAL TOOLS

## BODY



**Remover, Moldings C-4829**



**Stick, Trim C-4755**

## PAINT

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#### GENERAL INFORMATION

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#### GENERAL INFORMATION

#### AFTER MARKET PAINT REPAIR PRODUCTS

##### EXTERIOR COLORS

| EXTERIOR COLOR                         | CHRY<br>CODE* | PPG          | BASF  | DuPONT         | S-W ACME<br>M-S | AKZO NOBEL<br>SIKKENS |
|----------------------------------------|---------------|--------------|-------|----------------|-----------------|-----------------------|
| Bright Platinum Metallic<br>Clear Coat | MS4           | 4820         | 24082 | B9462          | 48823           | CHA94-MS4             |
| Candy Apple Red Mt. Tint C/C           | RH2           | 4447<br>5023 | 26098 | B9616<br>B9674 | 50267<br>50268  | CHA96-RH2             |
| Cinnamon Glaze Metallic<br>Clear Coat  | VLB           | 5313         | 28072 | B9824          | 54469           | CHA98-VLB             |
| Champagne Pearl Metallic<br>Clear Coat | VTE           | 5360         | 28073 | B9825          | 54835<br>557700 | CHA98-VTE             |
| Deep Amethyst Pearl Coat               | TCN           | 5247         | 27039 | B9736          | 52565           | CHA97-TCN             |
| Deep Cranberry Pearl Coat              | VMT           | 5359         | 28071 | B9842          | 54119           | CHA98-VMT             |
| Deep Slate Pearl Coat                  | VAW           | 5292         | 27166 | B9774          | 54118           | CHA97-VAW             |
| Forest Green Pearl Coat                | SG8           | 47439        | 26078 | B9609          | 5106            | CHA95-SG8             |
| Stone White Clear Coat                 | SW1           | 83542        | 26089 | B9622          | 51539           | CHA96-SW1             |

\*Herberts Standox and Spies Hecker use the Chrysler paint code as listed on the Body Code Plate.

#### BASE COAT/CLEAR COAT FINISH

On most vehicles a two-part paint application (base coat/clear coat) is used. Color paint that is applied to primer is called base coat. The clear coat protects the base coat from ultraviolet light and provides a durable high-gloss finish.

#### PAINTED SURFACE TOUCH-UP

When a painted metal surface has been scratched or chipped, it should be touched-up as soon as possible to avoid corrosion. For best results, use Mopar® Scratch Filler/Primer, Touch-Up Paints and Clear Top Coat. Refer to Introduction group of this manual for Body Code Plate information.

#### TOUCH-UP PROCEDURE

(1) Scrape loose paint and corrosion from inside scratch or chip.

(2) Clean affected area with Mopar® Tar/Road Oil Remover, and allow to dry.

(3) Fill the inside of the scratch or chip with a coat of filler/primer. Do not overlap primer onto good surface finish. The applicator brush should be wet enough to puddle-fill the defect without running. Do not stroke brush applicator on body surface. Allow the filler/primer to dry hard.

(4) Cover the filler/primer with color touch-up paint. Do not overlap touch-up color onto the original color coat around the scratch or chip. Butt the new color to the original color, if possible. Do not stroke applicator brush on body surface. Allow touch-up paint to dry hard.

(5) On vehicles without clear coat, the touch-up color can be lightly wet sanded (1500 grit) and polished with rubbing compound.

## GENERAL INFORMATION (Continued)

## LOWER BODY APPLIQUE COLORS

| LOWER BODY SIDE APPLIQUE COLOR      | CHRY CODE | PPG          | BASF  | DUPONT | S-W ACME M-S    | AKZO NOBEL SIKKENS |
|-------------------------------------|-----------|--------------|-------|--------|-----------------|--------------------|
| Bright Platinum Metallic Clear Coat | MS4       | 4820         | 24082 | B9462  | 48823           | CHA94-MS4          |
| Candy Apple Red Met. Tinted C/C     | RH2       | 4974<br>5025 | 26098 | B9616  | 51063<br>51064  | CHA95-RH2          |
| Cinnamon Glaze Metallic Clear Coat  | VLB       | 5313         | 28072 | B9824  | 54469           | CHA98-VLB          |
| Champagne Pearl Coat                | VTE       | 5360         | 28073 | B9825  | 54835<br>557700 | CHA98-VTE          |
| Deep Amethyst Pearl Coat            | TCN       | 5247         | 27039 | B9736  | 52565           | CHA97-TCN          |
| Deep Cranberry Pearl Coat           | VMT 5359  | 5359         | 28071 | B9842  | 54119           | CHA98-VMT          |
| Deep Slate Pearl Coat               | VAW       | 5292         | 27166 | B9774  | 54118           | CHA97-VAW          |
| Forest Green Pearl Coat             | SG8       | 47439        | 26078 | B9609  | 5106            | CHA95-SG8          |
| Radiant Silver                      | CA1       | 34852        | 14220 | C8312  | 33432           | CHACA1M            |
| Stone White                         | SW1       | 83542        | 26089 | B9622  | 51539           | CHASW1M            |

## INTERIOR COLORS

| INTERIOR COLOR                 | CHRY CODE | PPG             | BASF  | DuPONT | S-W ACME M-S | AKZO NOBEL SIKKENS |
|--------------------------------|-----------|-----------------|-------|--------|--------------|--------------------|
| Agate                          | AZ        | 9856<br>2-1461  | 22135 | C9208  | 45994        | CHLAZI             |
| Camel                          | K5        | 27731<br>2-1584 | 26120 | C9603  | 51541        | CHARK5I            |
| Light Neutral / Dark Tan F1/K9 | FK        | 28594<br>2-1648 | 28119 | C9499  | 56173        | CHAMF1I            |
|                                |           | 28589<br>2-1647 | 28120 | C9846  | 55935        | CHAVK9I            |
| Quartz                         | D5        | 34618<br>2-1346 | 19133 | C8904  | 40075        | CHAHD5I            |

(6) On vehicles with clear coat, apply clear top coat to touch-up paint with the same technique as described in Step 4. Allow clear top coat to dry hard. If desired, Step 5 can be performed on clear top coat.

## PAINT CODE

A paint code is provided on the body code plate located in the engine compartment. Refer to the Introduction section at the front of this manual for body code plate description. The paint and trim codes are also included on the Vehicle Safety Label located on the driver's door end frame.

## WET SANDING, BUFFING, AND POLISHING

Minor acid etching, orange peel, or smudging in clear coat or single-stage finishes can be reduced with light wet sanding, hand buffing, and polishing. **If the finish has been wet sanded in the past, it cannot be repeated. Wet sanding operation should be performed by a trained automotive paint technician.**

**CAUTION:** Do not remove clear coat finish, if equipped. Base coat paint must retain clear coat for durability.

## STATIONARY GLASS

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## DESCRIPTION AND OPERATION

## SAFETY PRECAUTIONS

**WARNING: DO NOT OPERATE THE VEHICLE WITHIN 24 HOURS OF WINDSHIELD INSTALLATION. IT TAKES AT LEAST 24 HOURS FOR URETHANE ADHESIVE TO CURE. IF IT IS NOT CURED, THE WINDSHIELD MAY NOT PERFORM PROPERLY IN AN ACCIDENT.**

URETHANE ADHESIVES ARE APPLIED AS A SYSTEM. USE GLASS CLEANER, GLASS PREP SOLVENT, GLASS PRIMER, PVC (VINYL) PRIMER AND PINCH WELD (FENCE) PRIMER PROVIDED BY THE ADHESIVE MANUFACTURER. IF NOT, STRUCTURAL INTEGRITY COULD BE COMPROMISED.

CHRYSLER DOES NOT RECOMMEND GLASS ADHESIVE BY BRAND. TECHNICIANS SHOULD REVIEW PRODUCT LABELS AND TECHNICAL DATA SHEETS, AND USE ONLY ADHESIVES THAT THEIR MANUFACTURERS WARRANT WILL RESTORE A VEHICLE TO THE REQUIREMENTS OF FMVSS 212. TECHNICIANS SHOULD ALSO INSURE THAT PRIMERS AND CLEANERS ARE COMPATIBLE WITH THE PARTICULAR ADHESIVE USED.

BE SURE TO REFER TO THE URETHANE MANUFACTURER'S DIRECTIONS FOR CURING TIME SPECIFICATIONS, AND DO NOT USE ADHESIVE AFTER ITS EXPIRATION DATE.

VAPORS THAT ARE EMITTED FROM THE URETHANE ADHESIVE OR PRIMER COULD CAUSE PERSONAL INJURY. USE THEM IN A WELL-VENTILATED AREA.

SKIN CONTACT WITH URETHANE ADHESIVE SHOULD BE AVOIDED. PERSONAL INJURY MAY RESULT.

ALWAYS WEAR EYE AND HAND PROTECTION WHEN WORKING WITH GLASS.

**CAUTION:** Protect all painted and trimmed surfaces from coming in contact with urethane or primers.

Be careful not to damage painted surfaces when removing moldings or cutting urethane around windshield.

It is difficult to salvage a windshield during the removal operation. The windshield is part of the structural support for the roof. The urethane bonding used to secure the windshield to the fence is difficult to cut or clean from any surface. If the moldings are set in urethane, it would also be unlikely they could be salvaged. Before removing the windshield, check the availability of the windshield and moldings from the parts supplier.

## REMOVAL AND INSTALLATION

## REAR WINDOW GLASS

**WARNING: DO NOT OPERATE THE VEHICLE WITHIN 24 HOURS OF REAR WINDOW GLASS INSTALLATION. IT TAKES AT LEAST 24 HOURS FOR URETHANE ADHESIVE TO CURE. IF IT IS NOT CURED, THE REAR WINDOW GLASS MAY NOT PERFORM PROPERLY IN AN ACCIDENT. BE SURE TO REFER TO THE URETHANE MANUFACTURER'S DIRECTIONS FOR CURING TIME SPECIFICATIONS, AND DO NOT USE ADHESIVE AFTER ITS EXPIRATION DATE.**

**CAUTION:** Open the left front door glass before installing the rear window to avoid pressurizing the passenger compartment if a door is slammed before the urethane bonding is fully cured. Water leaks can result.

## REMOVAL

- (1) Remove upper quarter trim panel.
- (2) Disconnect the wire connectors from rear window defogger, and rear window mounted radio antenna, if so equipped.

**WARNING: WEAR EYE AND HAND PROTECTION WHEN HANDLING SAFETY GLASS. PERSONAL INJURY CAN RESULT.**

**CAUTION:** Do not damage body or trim finish when cutting out glass or applying fence primer.

## REMOVAL AND INSTALLATION (Continued)

(3) Cut the urethane around the perimeter of the rear window glass. Refer to Windshield section of this group for proper procedures.

(4) Remove the rear window from the vehicle.

## INSTALLATION

**WARNING: DO NOT USE SOLVENT BASED GLASS CLEANER TO CLEAN WINDSHIELD BEFORE APPLYING GLASS PREP AND PRIMER. POOR ADHESION CAN RESULT.**

(1) Clean inside of rear window with ammonia based glass cleaner and lint-free cloth.

(2) Apply Glass Prep adhesion promoter 25 mm (1 in.) wide around perimeter of rear window encapsulation (not to the glass) and wipe with clean/dry lint-free cloth until no streaks are visible.

(3) Apply Glass Primer 25 mm (1 in.) wide around perimeter of rear window encapsulation (not to the glass). Allow at least three minutes drying time.

(4) Using a razor knife, remove as much original urethane as possible. Do not damage paint on rear window fence.

(5) Apply pinch weld primer 15 mm (.75 in.) wide around the rear window fence. Allow at least three minutes drying time.

(6) Apply a 10 mm (0.4 in.) bead of urethane to the encapsulation (Fig. 1).

(7) With the aid of a helper, position the rear window over the opening.

(8) Slowly lower rear window glass to the roof fence opening and engage over the two flanges located on the roof fence. Guide the encapsulation into proper position as necessary. Remove the backing paper from the tape on lower appendage and push rear window inward till flush to roof line and C-pillars (Intrepid).

(9) Clean excess urethane from exterior with Mopar® Super Kleen or equivalent.

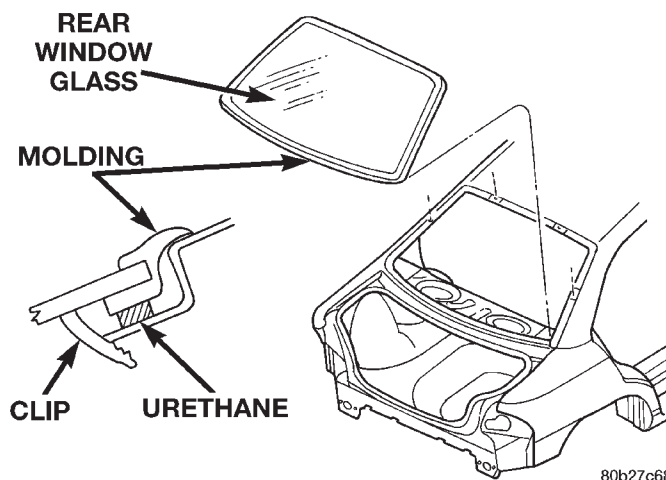
(10) Connect rear window defogger wiring connector, and rear window mounted radio antenna connector, if so equipped.

(11) Install interior trim.

(12) After urethane has cured, water test rear window to verify repair. Verify rear window defogger operation, refer to Group 8N, Rear Window Defogger.

## WINDSHIELD

The urethane adhesive holding the windshield to the opening pinch weld (fence) can be cut using a sharp cold knife from the exterior of the vehicle. Using



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**Fig. 1 Rear Window Glass – Typical**

the cold knife method is effective if the windshield is already broken. If the glass must be salvaged, cutting the urethane adhesive from the interior of the vehicle using a reciprocating or oscillating power knife is recommended.

## REMOVAL

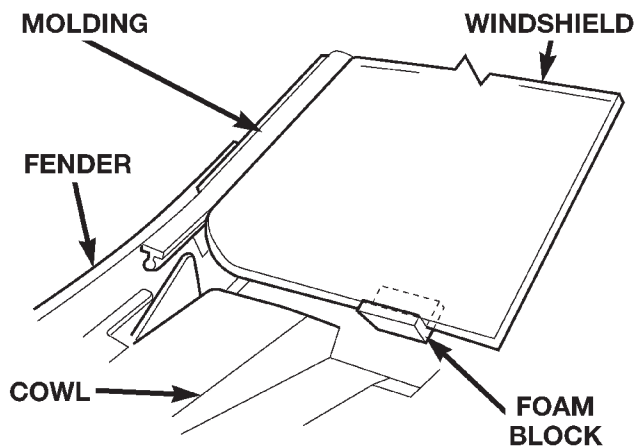
(1) Remove inside rear view mirror.

(2) Remove cowl cover. Refer to Cowl Cover Removal paragraph in this group.

(3) Remove drip rail weatherstrips as necessary to gain access to screws holding windshield side moldings (Fig. 2). Pull outward on molding at the bottom of A-pillars using pliers.

(4) Cut urethane bonding from around windshield using a suitable sharp cold knife. A pneumatic cutting device can be used if available. (Fig. 3)

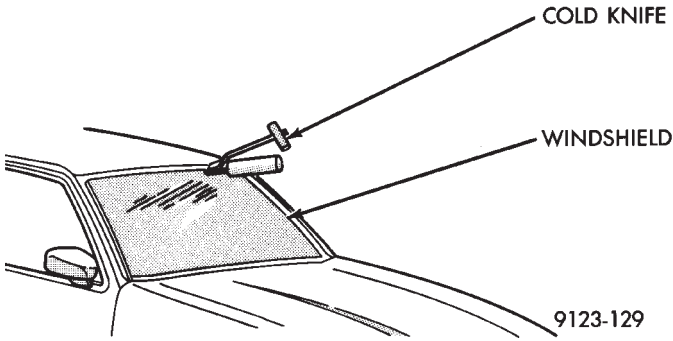
(5) Remove windshield from vehicle.



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**Fig. 2 Windshield Moldings**

## REMOVAL AND INSTALLATION (Continued)

**Fig. 3 Cut Urethane Around Windshield****INSTALLATION**

**CAUTION:** Open the left front door glass before installing windshield to avoid pressurizing the passenger compartment. If a door is slammed before urethane bonding is cured, water leaks can result.

Allow the urethane at least 24 hours to cure before returning the vehicle to use.

To avoid stressing the replacement windshield, the urethane bonding material on the windshield fence should be smooth and consistent to the shape of the replacement windshield. The support spacers should be cleaned and properly installed on weld studs or repair screws at bottom of windshield opening.

(1) Place replacement windshield into position and center in the opening against the support spacers.

(2) Verify the glass lays evenly against the pinch weld fence at the sides, top and bottom of the replacement windshield. If not, the pinch weld fence must be formed to the shape of the new glass.

(3) Mark the glass at the support spacers with a grease pencil or pieces of masking tape and ink pen to use as a reference for installation (Fig. 4).

(4) Remove replacement windshield from windshield opening.

(5) Position the windshield inside up on a suitable work surface with two padded, wood 10 cm by 10 cm by 50 cm (4 in. by 4 in. by 20 in.) blocks, placed parallel 75 cm (2.5 ft.) apart (Fig. 5).

**WARNING: DO NOT USE SOLVENT BASED GLASS CLEANER TO CLEAN WINDSHIELD BEFORE APPLYING GLASS PREP AND PRIMER. POOR ADHESION CAN RESULT.**

(6) Clean inside of windshield with ammonia based glass cleaner and lint-free cloth.

(7) Apply molding to top edge of windshield.

(8) Apply Glass Prep adhesion promoter 25 mm (1 in.) wide around perimeter of windshield and wipe with clean/dry lint-free cloth until no streaks are visible.

(9) Apply Glass Primer 25 mm (1 in.) wide around perimeter of windshield. Allow at least three minutes drying time.

(10) Using a razor knife, remove as much original urethane as possible. Do not damage paint on windshield fence.

(11) Apply pinch weld primer 15 mm (.75 in.) wide around the windshield fence. Allow at least three minutes drying time.

(12) If a low viscosity urethane adhesive is used, install compression spacers on the fence around the windshield opening (Fig. 6).

(13) Apply a 10 mm (0.4 in.) bead of urethane along center line of windshield fence.

(14) With the aid of a helper, position the windshield over the windshield opening. Align the reference marks at the bottom of the windshield to the support spacers.

(15) Slowly lower windshield glass to windshield opening fence. Guide the molding into proper position as necessary. Push windshield inward molding is flush to roof line and A-pillars (Fig. 7).

(16) Clean excess urethane from exterior with Mopar® Super Kleen or equivalent.

(17) Apply 150 mm (6 in.) lengths of 50 mm (2 in.) masking tape spaced 250 mm (10 in.) apart to hold molding in place until urethane cures.

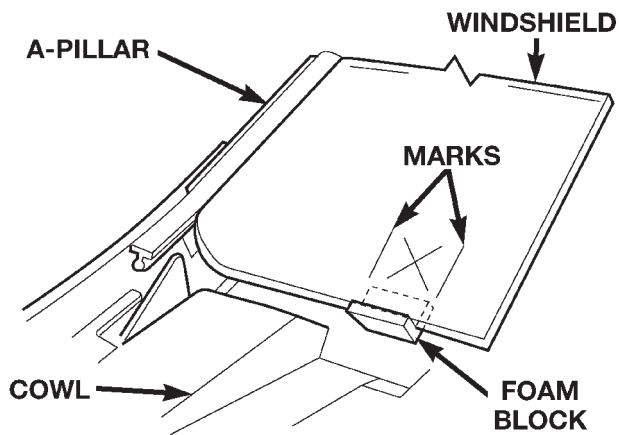
(18) Install A-pillar moldings.

(19) Install cowl cover and wipers.

(20) Install inside rear view mirror.

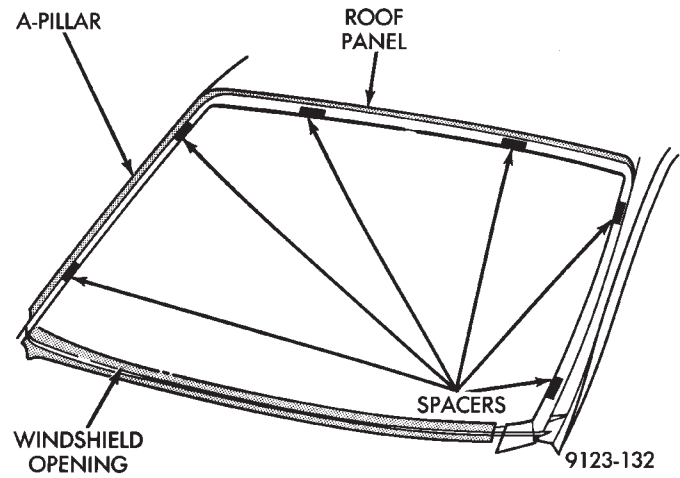
(21) After urethane has cured, remove tape strips and water test windshield to verify repair.

## REMOVAL AND INSTALLATION (Continued)



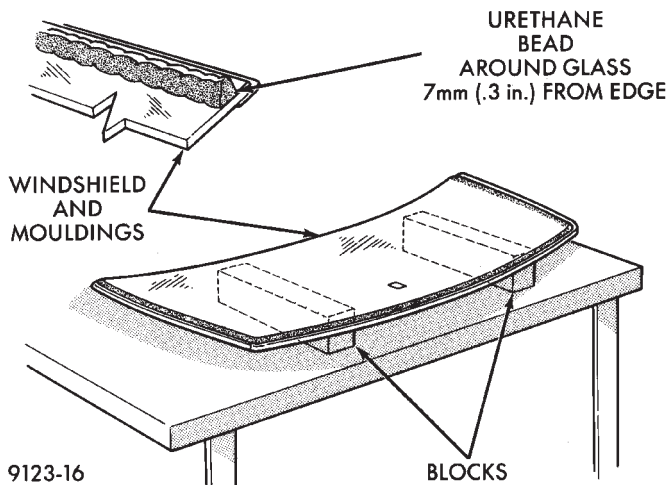
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**Fig. 4 Center Windshield and Mark at Support Spacers**



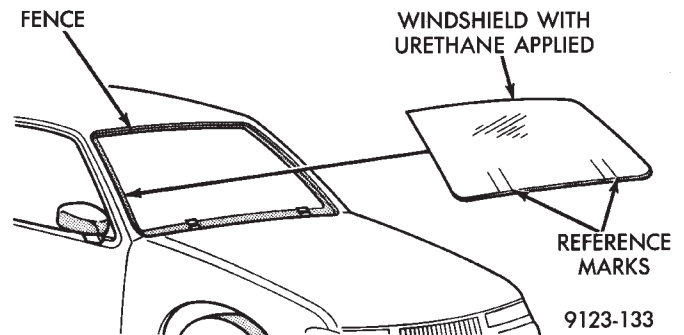
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**Fig. 6 Position Urethane Compression Spacers**



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**Fig. 5 Work Surface Set up and Molding Installation**



9123-133

**Fig. 7 Lower Windshield Into Position**

## SUNROOF

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### DIAGNOSIS AND TESTING

#### GENERAL INFORMATION

##### SUNROOF OPERATION

**WARNING:** Keep fingers and other body parts out of sunroof opening at all times.

The sunroof features a power sliding glass panel and a sunshade which can be manually positioned anywhere along its travel, rearward of glass panel front edge.

The sunroof is electrically operated from a two switches located on the windshield header, rearward of the map lamp. To operate the sunroof the ignition switch must be in the On/Run position. One switch (CLOSE) is a push button type and used too close the sunroof. Pressing and holding the CLOSE button, the sunroof will fully close. If the CLOSE button is released prior to the sunroof reaching the fully closed position, the sunroof will stop in that position. The other switch (OPEN/VENT) is a rocker type for opening and venting the sunroof. Pressing and releasing the OPEN button once the sunroof will express open and the wind deflector will raise. If the button is pressed a second time the sunroof will stop in that position. To open the sunroof from the vent position, push and hold the open button. The sunroof will not express open until you have passed through the full closed position. The OPEN button may be released and the sunroof will continue to open in the express open feature. If the VENT button is pressed and held while the sunroof is in the open position, the sunroof will travel to the close position and then to the vent position. Releasing the button at anytime during the

travel will cause the sunroof to stop at that current position.

#### DIAGNOSTIC PROCEDURES

Before beginning sunroof diagnostics verify that all other power accessories are in proper operating condition. Refer to Sunroof Diagnostic Chart for possible causes. If not, a common electrical problem may exist. Refer to Group 8W, Wiring Diagrams, of this publication for circuit, splice and component descriptions. Check the condition of the circuit protection (20 amp high current fuse (battery feed) located in the Power Distribution Center (PDC). Check the cover of the PDC for location of the fuse. The ten amp fuse (ignition feed) located in cavity 14 of the Junction Block). Inspect all wiring connector pins for proper engagement and continuity. Check for battery voltage at battery and ignition pins of the power sunroof express module wiring connector. Refer to Group 8W, Wiring Diagrams, for circuit information. The controller will not operate at less than 10 volts. Check the ground at the sunroof express module.

Before beginning diagnosis for wind noise or water leaks, verify that the problem was not caused by releasing the control switch before the was sunroof fully closed. The sunroof module has a water-management system. During washing high-pressure water may be forced between the glass panel seal and the roof opening. Normally this water will drain. However, when a blower-type drying system is used, like those found in automatic car washes, the water may not have a chance to drain before the blower forces air between the seal and the roof opening. This causes the water to blow over the edge of the module and onto the headlining.

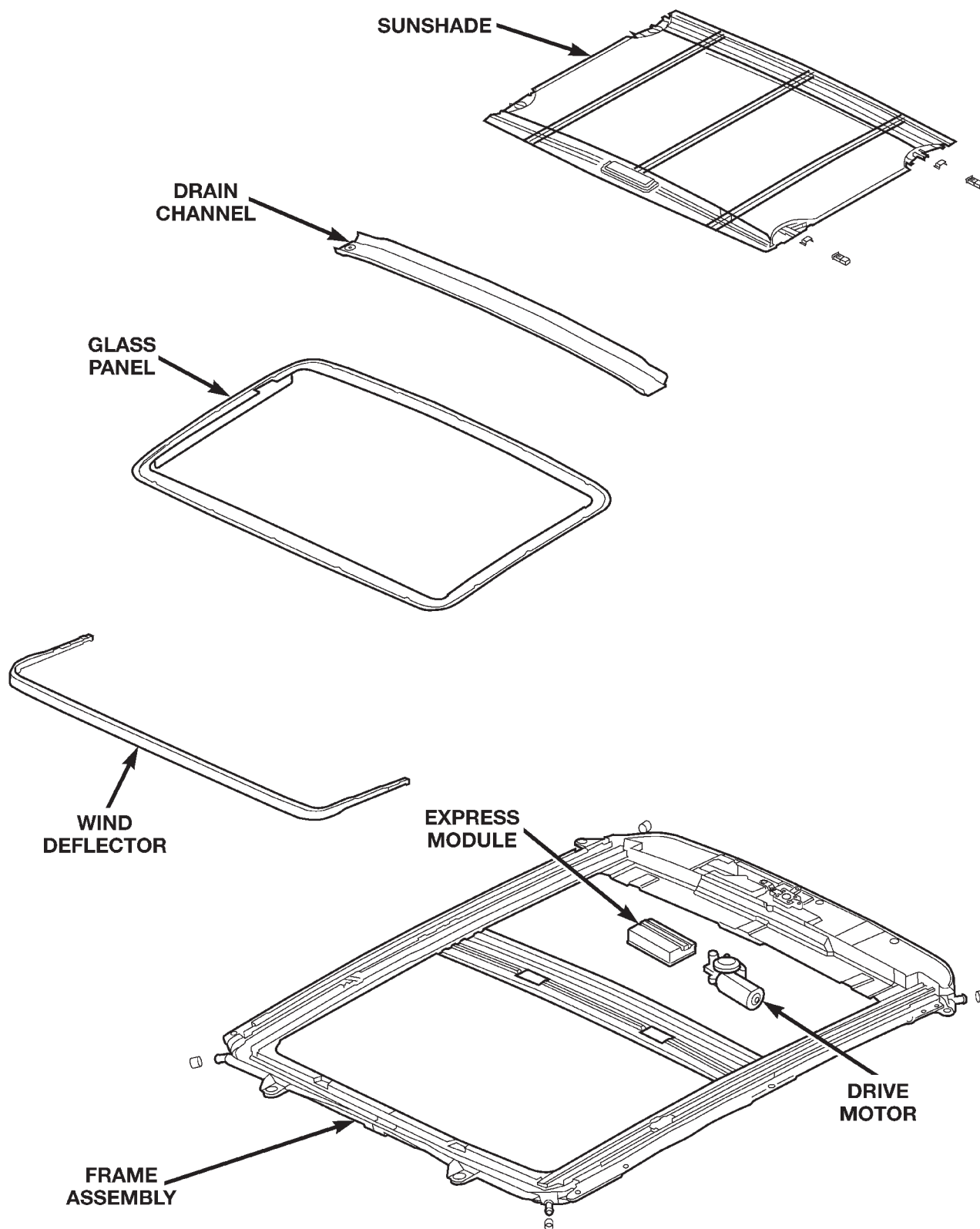
Refer to (Fig. 1) Sunroof Assembly for exploded view of the sunroof.

## DIAGNOSIS AND TESTING (Continued)

## SUNROOF DIAGNOSIS CHART

| SYMPTOM                                                                          | POSSIBLE CAUSE                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sunroof motor inoperative.                                                       | <ul style="list-style-type: none"> <li>Faulty control switch.</li> <li>Faulty circuit ground between sunroof express module, drive motor, control switch, and body harness.</li> <li>Faulty power circuit between sunroof express module, drive motor, switch, and body harness.</li> <li>Faulty sunroof drive motor.</li> <li>Faulty sunroof express module.</li> <li>Faulty sunroof drive motor connector.</li> </ul> |
| Audible whine when switch is depressed, sunroof does not operate.                | <ul style="list-style-type: none"> <li>Faulty sunroof drive motor.</li> <li>Binding cable.</li> </ul>                                                                                                                                                                                                                                                                                                                   |
| Audible clicking or ratcheting when switch is pressed, sunroof does not operate. | <ul style="list-style-type: none"> <li>Broken or worn drive cable.</li> <li>Worn drive motor gear.</li> <li>Mechanisms not synchronized.</li> </ul>                                                                                                                                                                                                                                                                     |
| Sunroof vents and opens, but does not close.                                     | <ul style="list-style-type: none"> <li>Binding cable.</li> <li>Faulty circuit.</li> <li>Faulty control switch.</li> <li>Faulty sunroof express module.</li> <li>Faulty drive motor.</li> </ul>                                                                                                                                                                                                                          |
| Sunroof vents, but does not open.                                                | <ul style="list-style-type: none"> <li>Binding linkage.</li> <li>Faulty circuit.</li> <li>Faulty switch.</li> <li>Faulty sunroof controller.</li> <li>Faulty drive motor.</li> </ul>                                                                                                                                                                                                                                    |
| Sunroof does not vent                                                            | <ul style="list-style-type: none"> <li>Binding cable.</li> <li>Faulty circuit.</li> <li>Faulty control switch.</li> <li>Faulty sunroof express module.</li> </ul>                                                                                                                                                                                                                                                       |
| Sunroof water leak.                                                              | <ul style="list-style-type: none"> <li>Drain tubes clogged or kinked.</li> <li>Glass panel improperly adjusted.</li> <li>Faulty glass panel seal.</li> </ul>                                                                                                                                                                                                                                                            |
| Wind noise from sunroof.                                                         | <ul style="list-style-type: none"> <li>Front of glass panel too high or rear too low.</li> <li>Glass panel not centered in opening.</li> <li>Faulty glass panel seal.</li> </ul>                                                                                                                                                                                                                                        |
| Rattles from open sunroof while driving                                          | <ul style="list-style-type: none"> <li>Loose or broken attaching hardware.</li> <li>Worn or broken mechanism.</li> </ul>                                                                                                                                                                                                                                                                                                |
| Rattles from closed sunroof while driving                                        | <ul style="list-style-type: none"> <li>Loose or broken attaching hardware.</li> <li>Worn or broken mechanism</li> </ul>                                                                                                                                                                                                                                                                                                 |

## DIAGNOSIS AND TESTING (Continued)

*Fig. 1 Sunroof Assembly*

## REMOVAL AND INSTALLATION

### SUNROOF DRIVE MOTOR

#### REMOVAL

**NOTE:** The sunroof system is timed from the factory so that the motor shuts off automatically when the sunroof window reaches a certain position. Extreme care must be taken when removing the motor, timing may be thrown off causing possible damage to the sunroof system. Anytime the motor is removed from the sunroof assembly the sunroof glass panel must be in the **FULLY CLOSED POSITION** or the unit will be out of timing. The drive motor cannot be reset to the park position after being removed.

- (1) Move glass panel to the fully closed position.
- (2) Remove A-pillar trim, sun visors, and map lamps/mini console.
- (3) Disconnect the control switch wire connector.
- (4) Remove headliner as necessary to gain access to sunroof drive motor. Refer to Headlining Removal and Installation for proper procedures.
- (5) Disconnect the drive motor wire harness connectors (Fig. 2).
- (6) Remove drive motor fasteners and remove motor from the sunroof housing (Fig. 1).

#### INSTALLATION

- (1) Ensure that the window is in the fully closed position before mounting the motor. If motor fails with the window in the open position the sunroof glass panel timing will have to be timed. The new motor comes in the fully closed position and with a gage for setting cable timing. Refer to Sunroof Glass Panel Timing.
- (2) Place drive motor into position on the sunroof housing and install fasteners.
- (3) Set headliner into position.
- (4) Connect express module, drive motor, and control switch wire connectors.
- (5) Test sunroof operation, adjust as necessary.
- (6) Finish installing the headliner.
- (7) Install A-pillar trim, sun visors, and map lamps/mini console.
- (8) Connect the control switch wire connector. Install

### SUNROOF EXPRESS MODULE

#### REMOVAL

- (1) Move the glass panel to the fully closed position.

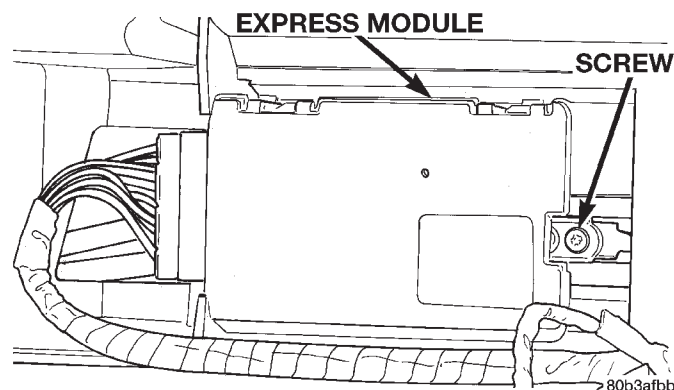


**Fig. 2 Sunroof Drive Motor and Express Module**

- (2) Remove A-pillar trim, sun visors, and map lamp/mini console.
- (3) Lower headliner as necessary to gain access to the sunroof express module.
- (4) Disconnect the express module wire harness connectors.(Fig. 2)
- (5) Remove express module screw.
- (6) Remove express module from the keyway by sliding module towards the center of the vehicle.

#### INSTALLATION

- (1) Insert sunroof express module in the keyway located in the sunroof module and slide the module outward to lock it into position.
- (2) Install the sunroof express module screw.
- (3) Connect the wire connectors to the sunroof express module.
- (4) Install the headliner into position.
- (5) Install the A-pillar trim, sun visors, and map lamp/mini console.
- (6) Test sunroof operation, adjust if necessary.

### SUNROOF GLASS PANEL

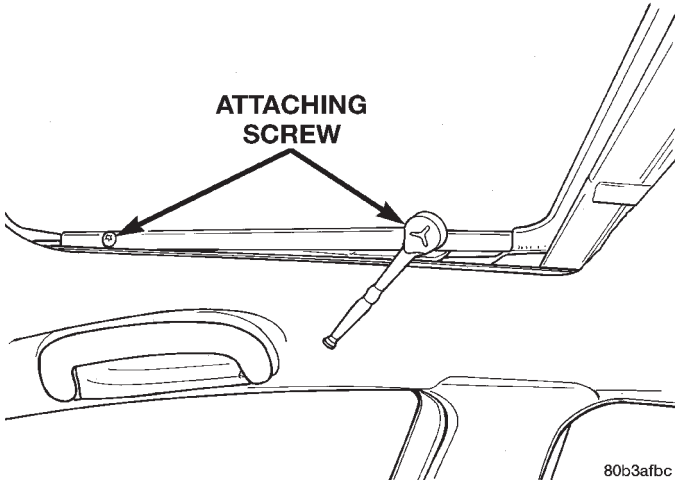
#### REMOVAL

- (1) Slide sunshade rearward to the open position.
- (2) Move the glass panel to the fully closed position.
- (3) Remove the four attaching screws (Fig. 3).
- (4) Lift off glass panel and remove from vehicle.

#### INSTALLATION

- (1) Position glass panel in to opening.
- (2) Start the four attaching screws.
- (3) Tighten screws.
- (4) Verify sunroof operation and alignment. Check fit and adjust as necessary, refer to Sunroof Glass Panel Adjustment for proper procedures.

## REMOVAL AND INSTALLATION (Continued)

**Fig. 3 Sunroof Glass Panel Removal****SUNROOF HOUSING DRAIN HOSE****FRONT HOSES****REMOVAL**

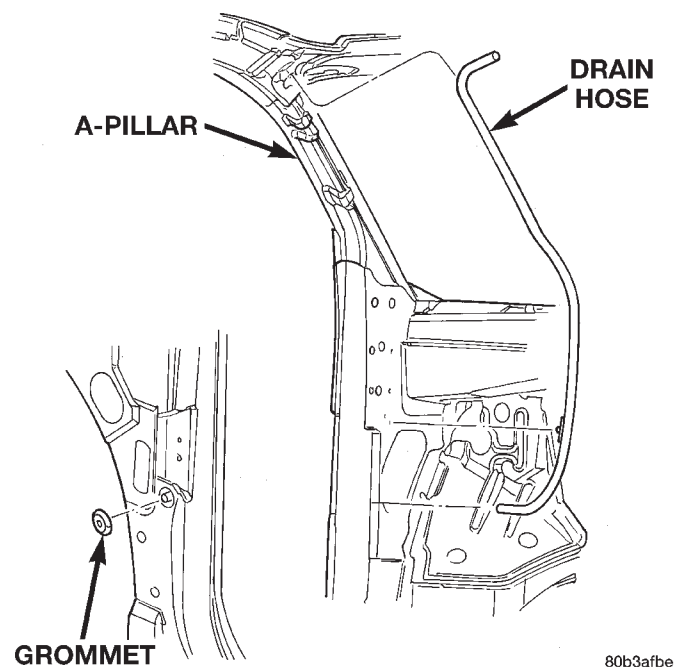
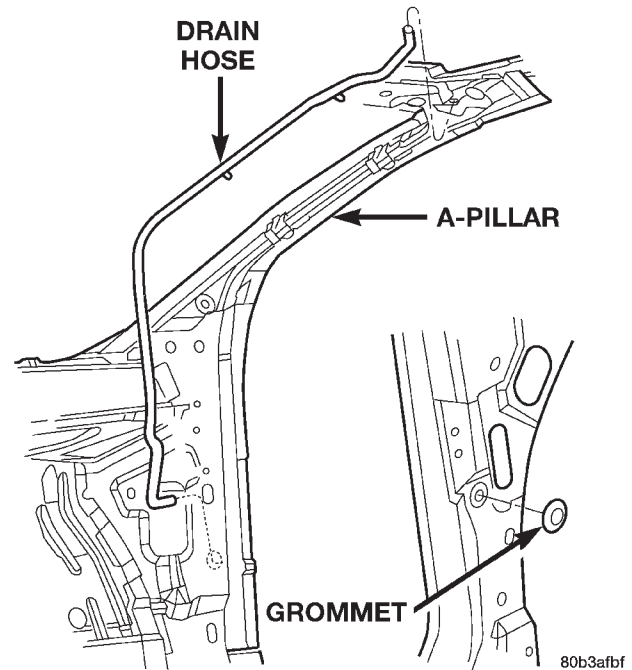
- (1) Move glass panel to the fully closed position.
- (2) Disconnect the control switch and wire connector.
- (3) Remove headliner. Refer to Headlining Removal and Installation for proper procedures.
- (4) Remove side kick cowl panel.
- (5) Disconnect drain hose clips from body holes (Fig. 4) and/or (Fig. 5).
- (6) Drain any liquid from hose connection, if necessary.
- (7) Insert small end of new drain hose into larger top end of old hose and tape together.
- (8) Work the old hose back and forth to loosen the sealer.
- (9) Pull the old hose down and through instrument panel dragging new hose with it, until end of new hose is near grommet on side cowl.
- (10) Remove drain grommet from sheet metal.
- (11) Remove old hose from new hose.

**INSTALLATION**

- (1) Insert end of new hose into drain grommet and replace grommet into sheet metal.
- (2) Attach hose upper clips into holes in sheet metal.
- (3) Engage upper flair end of hose into sunroof module drain nipple and secure with ratchet clamp.

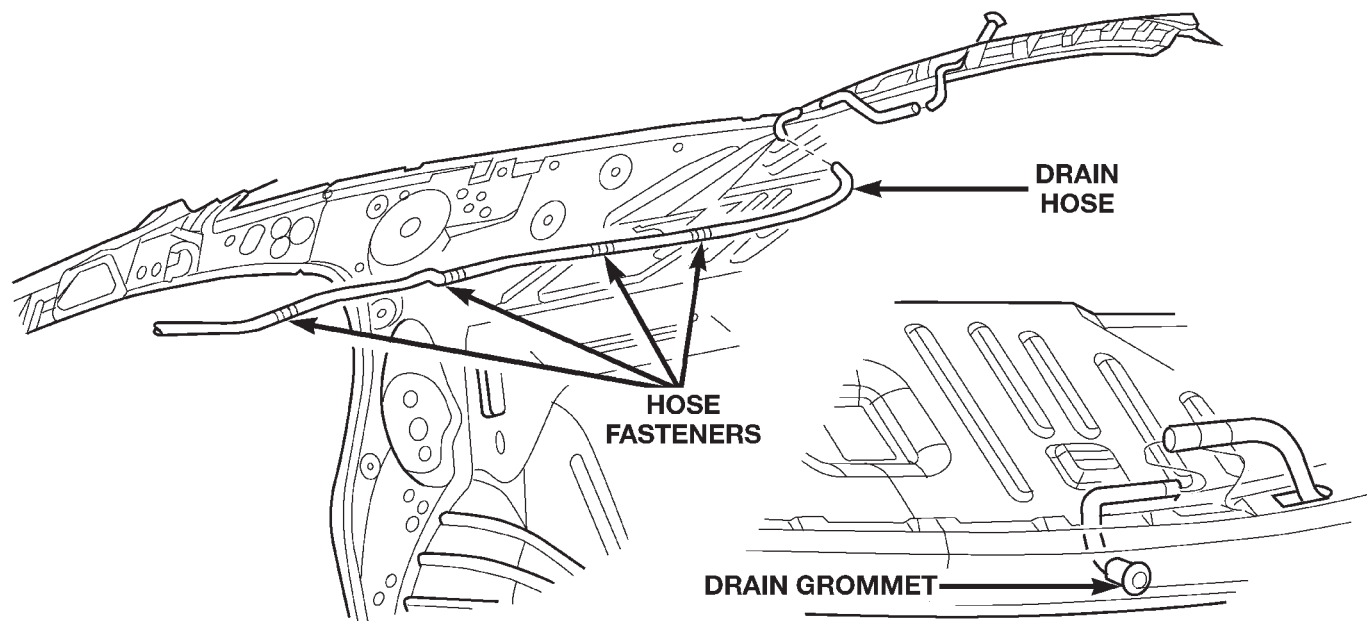
**REAR HOUSING HOSE****REMOVAL**

- (1) Move glass panel to the fully closed position.
- (2) Disconnect the control switch and wire connector.

**Fig. 4 Front Left Housing Drain Hose****Fig. 5 Front Right Housing Drain Hose**

- (3) Remove headliner. Refer to Headlining Removal and Installation for proper procedures.
- (4) Remove rear shelf panel.
- (5) Disconnect the end of the drain tube from the rubber grommet at the end of the drain tube closest to the rear window of the vehicle (Fig. 6).
- (6) Drain any liquid from hose connection, if necessary.
- (7) Disconnect the top end of the drain hose from the sunroof housing drain nipple.
- (8) Remove drain hose clips from the body holes.

## REMOVAL AND INSTALLATION (Continued)



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**Fig. 6 Rear Drain Hose****INSTALLATION**

(1) Using the proper drain hose (there is a right and left side rear hose) attach drain hose clips to body holes, with the flair at the top towards the sunroof nipple.

(2) Connect top flair end of the drain hose to the sunroof housing drain nipple with the ratchet clamp.

(3) Connect the lower end of the drain tube to the rubber grommet near the rear window of the vehicle.

(4) Connect the drain hose to the sunroof housing and test drainage.

(5) Install shelf panel, ensure not to pinch the rubber grommets.

(6) Install headliner.

(7) Connect the control switch wire connector. Install control switch.

(8) Test for proper operation of the sunroof.

**SUNROOF HOUSING ASSEMBLY****REMOVAL**

(1) Move glass panel to the fully closed position.

(2) Disconnect battery negative cable.

(3) Recline both front seats.

(4) Remove overhead console.

(5) Remove headliner

(6) Disconnect the drain tubes from sunroof housing (Fig. 7).

(7) Loosen fasteners attaching sunroof housing assembly.

(8) With the aid of a helper, remove fasteners attaching sunroof housing assembly to roof panel.

**INSTALLATION**

**NOTE:** There are locating pins on the roof panel near the front corners of the sunroof opening that will help position the sunroof module correctly.

(1) With the Glass panel in the fully closed position.

(2) Raise rear end of sunroof housing assembly and guide into position and start fasteners.

(3) Tighten the fasteners attaching the sunroof module to roof panel. Tighten the fasteners to 11 N·m (97 in. lbs.) torque.

(4) Connect the drain tubes to the sunroof housing.

(5) Set headliner into position.

(6) Connect express module, drive motor, and control switch wire connectors.

(7) Test sunroof operation, adjust as necessary.

(8) Finish installing the headliner.

(9) Connect battery negative cable.

**SUNROOF SUNSHADE****REMOVAL**

(1) Open sunroof approximately 90% of the way.

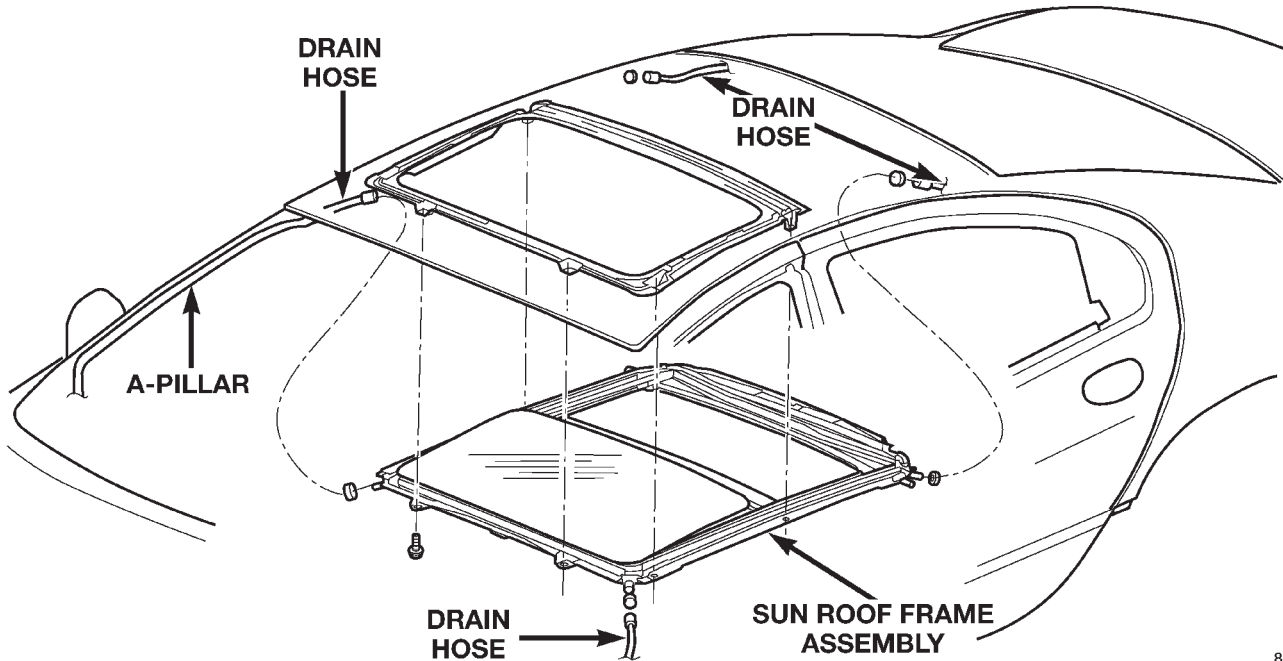
(2) Push sunshade down until tabs clear glass.

(3) Move sunshade forward of glass panel.

(4) Using a flat blade tool, remove front guide blocks from track. By pushing block toward the center of the vehicle (Fig. 8).

(5) Slide the sunshade forward while lifting the front through the opening until the rear guide blocks are accessible.

## REMOVAL AND INSTALLATION (Continued)



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**Fig. 7 Sunroof Housing Assembly Removal**

**CAUTION:** Use care not to crease the sunshade when removing or installing.

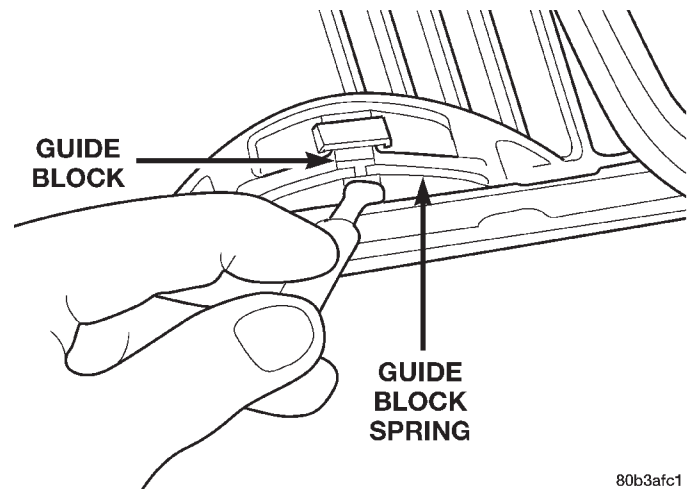
- (6) Disengage rear guide blocks from track.

**INSTALLATION**

- (1) Install the sunshade from outside of the vehicle with the sunroof 90% open.
- (2) Put rear guide blocks into sunshade guide track.
- (3) Push sunshade back and down through the sunroof opening.
- (4) Using a flat blade tool, put front guide blocks into the sunshade track. By pushing the block towards the center of the vehicle.
- (5) Push sunshade back to the glass panel.
- (6) Push sunshade down until the sunshade clears the glass then move sunshade rearward behind the glass panel.

**SUNROOF WIND DEFLECTOR****REMOVAL**

- (1) Open sunroof glass panel.
- (2) Push down one corner of the wind deflector and let the other corner rise up (Fig. 9).
- (3) Push the low corner towards the opposite side of the vehicle until tab on sunshade clears the body. Then raise the corner up.
- (4) Repeat the procedure to the other corner.
- (5) Lift wind deflector to 90% of the way.
- (6) Push the attaching ends of the deflector to the rear of the vehicle to disengage the deflector.

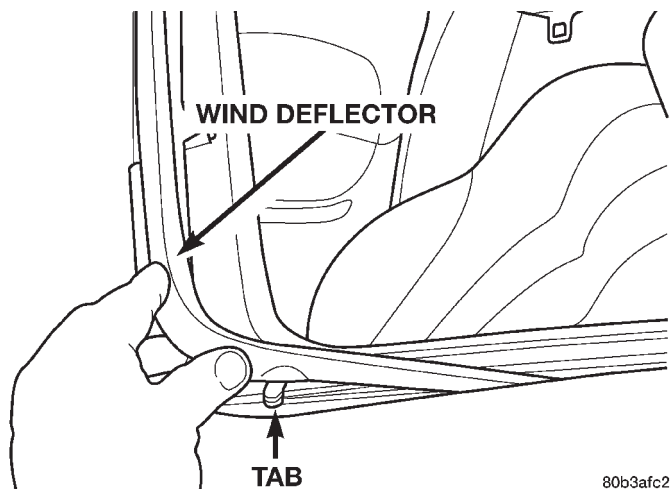


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**Fig. 8 Sunshade Guide Block****INSTALLATION**

- (1) Place wind deflector at 90% in the vertical position to the sunroof. With the sunroof open.
- (2) Push ends of the deflector towards the front of the vehicle to engage ends.
- (3) Lower wind deflector to normal position.
- (4) Push one corner to the opposite side of the vehicle until tab clears vehicle body and lower deflector for that corner.
- (5) Push the side that was just installed completely down.
- (6) Push the opposite corner cross vehicle until tab clears the body. Then lower deflector to position.
- (7) Test sunroof operation.

## REMOVAL AND INSTALLATION (Continued)

**Fig. 9 Wind Deflector**

## ADJUSTMENTS

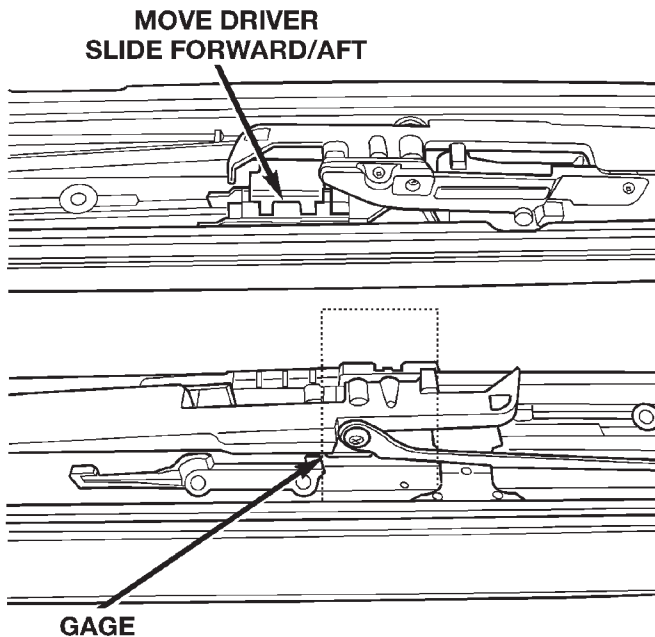
**SUNROOF GLASS PANEL ADJUSTMENT**

- (1) Move the sunshade rearward to the open position.
- (2) Move the sunroof glass panel to the fully closed position.
- (3) Loosen the forward screws on each side enough to make the front adjustment.
- (4) Adjust the front of the sunroof glass panel 1 mm (1/32 inch) below the top surface of the roof panel.
- (5) Tighten the front two screws.
- (6) Loosen the rear screws on each side enough to make the rear adjustment.
- (7) Adjust the rear of the sunroof glass panel 1 mm (1/32 inch) above the top surface of the roof panel.
- (8) Tighten the rear two screws.
- (9) Check for proper fit. If not OK, repeat glass panel adjustment.

**SUNROOF GLASS PANEL TIMING***Sunroof Drive Cable Timing*

**NOTE:** A gage comes with the new motor.

- (1) If the glass panel was not in the fully closed position, when the motor was removed, the sunroof glass panel needs to be timed, before the new motor is installed.
- (2) Remove sunroof glass panel.
- (3) Set gage into the track near the rear of the opening between the move driver slide and the bracket (Fig. 10).
- (4) Move the driver slide forward or aft to get proper setting.
- (5) Repeat the operation on the other side.
- (6) Install drive motor.

**Fig. 10 Sunroof Drive Cable Timing**

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