

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 (-) cable clamp from the battery 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 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.

PAINT

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GENERAL INFORMATION

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.

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.

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.

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.
- (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.

GENERAL INFORMATION (Continued)

AFTERMARKET PAINT REPAIR PRODUCTS

1997 EXTERIOR COLORS

EXTERIOR COLOR	CHRY CODE	PPG	BASF	DUPONT	S-W ACME M-S	AKZO/NOBEL SIKKENS
Candy Apple Red Met. Tint C/C	RH2	4974	26098	B9616	51063	CHA95:RH2
		5025			51064	
Deep Amethyst Pearl Coat	TCN	5246	27038	B9736	52566	CHA97:TCN
Lt. Gold Pearl-Coat	SYL	83539	26097	B9618	51076	CHA96:SYL
Forest Green Pearl-Coat	SG8	47439	26078	B9609	5106	CHA95:SG8
Med. Fern Green Pearl-Coat	RJP	47320	25040	B9524	50270	CHA95:RJP
Lt. Iris Pearl-Coat	PC5	4788	24078	B9455	48782	CHA94:PC5
Black Clear-Coat	DX8	9700	15214	99	34858	CHA85:DX8
					90-5950	
Bright White Clear-Coat	GW7	4037	18238	B8833	37298	CHA88:GW7

1997 MOLDING COLORS

MOLDING COLOR	CHRY CODE	PPG	BASF	DUPONT	S-W ACME M-S	AKZO/NOBEL SIKKENS
Candy Apple Red	RH2	4974	26098	B9616	51063	CHA95:RH2
		5025			51064	
Lt. Gold	SYL	83539	26097	B9618	51076	CHA96:SYL
Orchid	RMK	74085	25038	B9522	50272	CHA95:RMK
Medium Fern	RJP	47320	25040	B9524	50270	CHA95:RJP
Forest Green	SG8	47439	26078	B9609	5106	CHA95:SG8
Lt. Iris	PC5	4788	24078	B9455	48782	CHAPC5M
Black	DX8	9700	15214	F0204	34858	CHADX8M
					90-5950	
Bright White	GW7	4037	18238	B8833	37298	CHAGW7M

1997 INTERIOR COLORS

INTERIOR COLOR	CHRY CODE	PPG	BASF	DUPONT	S-W ACME M-S
Mist Gray	C3	35799	25065	C9507	50508
		2-1576			
Silver Fern	JK	35798	25066	C9509	50510
		2-1577			
Camel	K5	27731 2-1584	26120	C9603	51541

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 PINCHWELD (FENCE) PRIMER PROVIDED BY THE ADHESIVE MANUFACTURER. IF NOT, STRUCTURAL INTEGRITY COULD BE COMPROMISED.

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

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 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.

RECOMMENDED TOOLS AND ADHESIVE

POWER KNIFE

- **Fein®** Power Cut-out Knife
- **Equalizer®** Magnum, Interior Auto Glass Cut Out Knife

ADHESIVE, PRIMER AND CLEANER

Mopar® Windshield Glass Polyurethane package or equivalent must be used in order to ensure that the vehicle will conform to the FMVSS 212 windshield retention standard and the FMVSS 216 roof crush standard.

WINDSHIELD REMOVAL—EXTERIOR METHOD

- (1) Open convertible top.
- (2) Remove header/A-pillar weatherstrip from weatherstrip retainers.
- (3) Remove A-pillar weatherstrip retainer and molding.
- (4) Remove header weatherstrip/molding.
- (5) Remove windshield wiper arms.
- (6) Remove cowl cover.
- (7) Place protective covers over instrument panel and hood.
- (8) Using a sharp cold knife, cut urethane adhesive holding the windshield to the A-pillars, header and cowl pinch weld fences (Fig. 1). A power cutting device can be used if available.
- (9) Separate windshield from vehicle.

WINDSHIELD REMOVAL—INTERIOR METHOD

- (1) Remove cowl cover.
- (2) Open convertible top.

REMOVAL AND INSTALLATION (Continued)

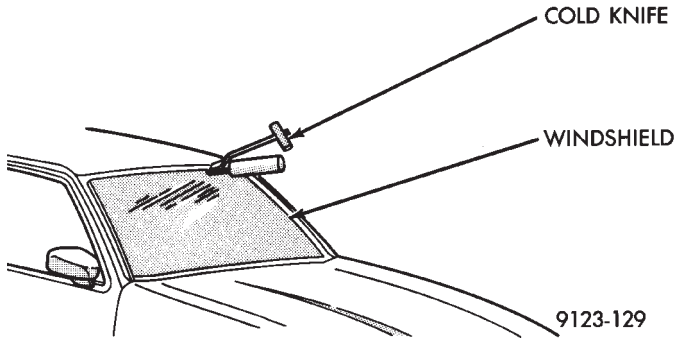


Fig. 1 Cut Urethane Around Windshield

- (3) Remove header/A-pillar weatherstrip from weatherstrip retainers.
- (4) Remove A-pillar weatherstrip retainer and molding.
- (5) Remove header weatherstrip/molding.
- (6) Remove header panel trim cover.
- (7) Remove header panel weatherstrip from channel.
- (8) Remove instrument panel top cover. Refer to Group 8E, Instrument Panel.
- (9) Remove A-pillar trim covers.
- (10) Place protective covers over instrument panel and hood.
- (11) Using a reciprocating or oscillating power knife, cut urethane adhesive holding the windshield to the A-pillars, roof header and cowl pinch weld fences. Refer to instructions provided with the equipment being used.
- (12) Separate windshield from vehicle.

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.

NOTE: The JX uses adjustable support spacers. Once the support spacers are set, use care not to move them.

- (1) Place replacement windshield into windshield opening and position glass in the center of 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) Measure the distance from the center of the dowel pin hole to the top edge of the windshield.

- (4) Move the support spacers as necessary so that the distance from the center of the dowel pin hole to the top of the windshield is 91.61 mm. (3.61 in.).

- (5) Place a piece of tape over the ratcheting portion of the support spacer to prevent them from moving.

- (6) Repeat Step 3 through Step 5 for the opposite side of the windshield.

- (7) 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. 2).

- (8) Remove replacement windshield from windshield opening.

- (9) 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. 3).

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

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

- (11) Apply molding to perimeter of windshield.

- (12) 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.

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

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

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

- (16) If a low viscosity urethane adhesive is used, install compression spacers on the fence around the windshield opening at original locations (Fig. 4).

- (17) Apply a 10 mm (0.4 in.) bead of urethane on centerline of windshield fence.

- (18) 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.

- (19) Slowly lower windshield glass to windshield opening fence. Guide the molding into proper position

REMOVAL AND INSTALLATION (Continued)

as necessary. Push windshield inward until molding is flush to roof line and A-pillars (Fig. 5).

(20) Clean access urethane from exterior with Mopar® Super Kleen or equivalent.

(21) 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.

(22) Install cowl cover and wipers.

(23) Install inside rear view mirror.

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

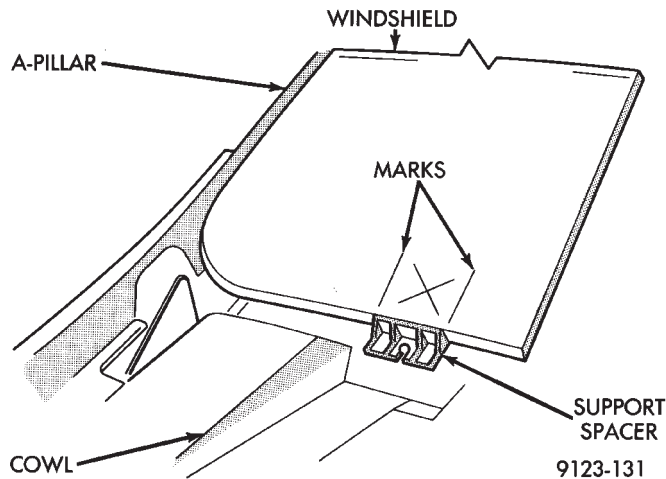


Fig. 2 Center Windshield and Mark at Support Spacers

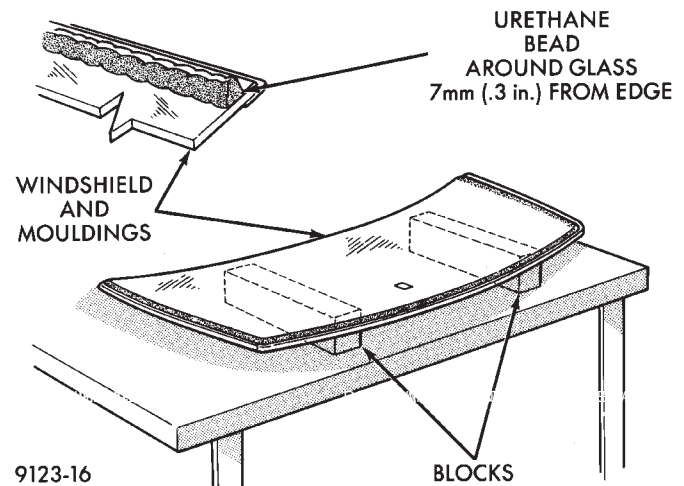


Fig. 3 Work Surface Set up and Molding Installation

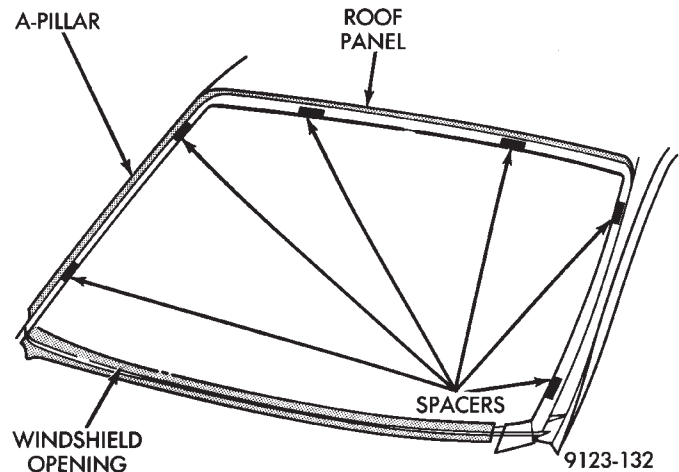


Fig. 4 Position Urethane Compression Spacers—Typical

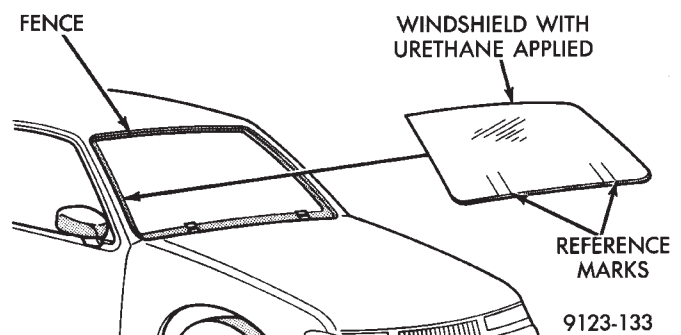


Fig. 5 Lower Windshield Into Position

SEATS

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REMOVAL AND INSTALLATION

FRONT AND REAR SEAT DIAGRAMS

Refer to (Fig. 1) and (Fig. 2) for more information while servicing the front or rear seat.

REMOVAL AND INSTALLATION (Continued)

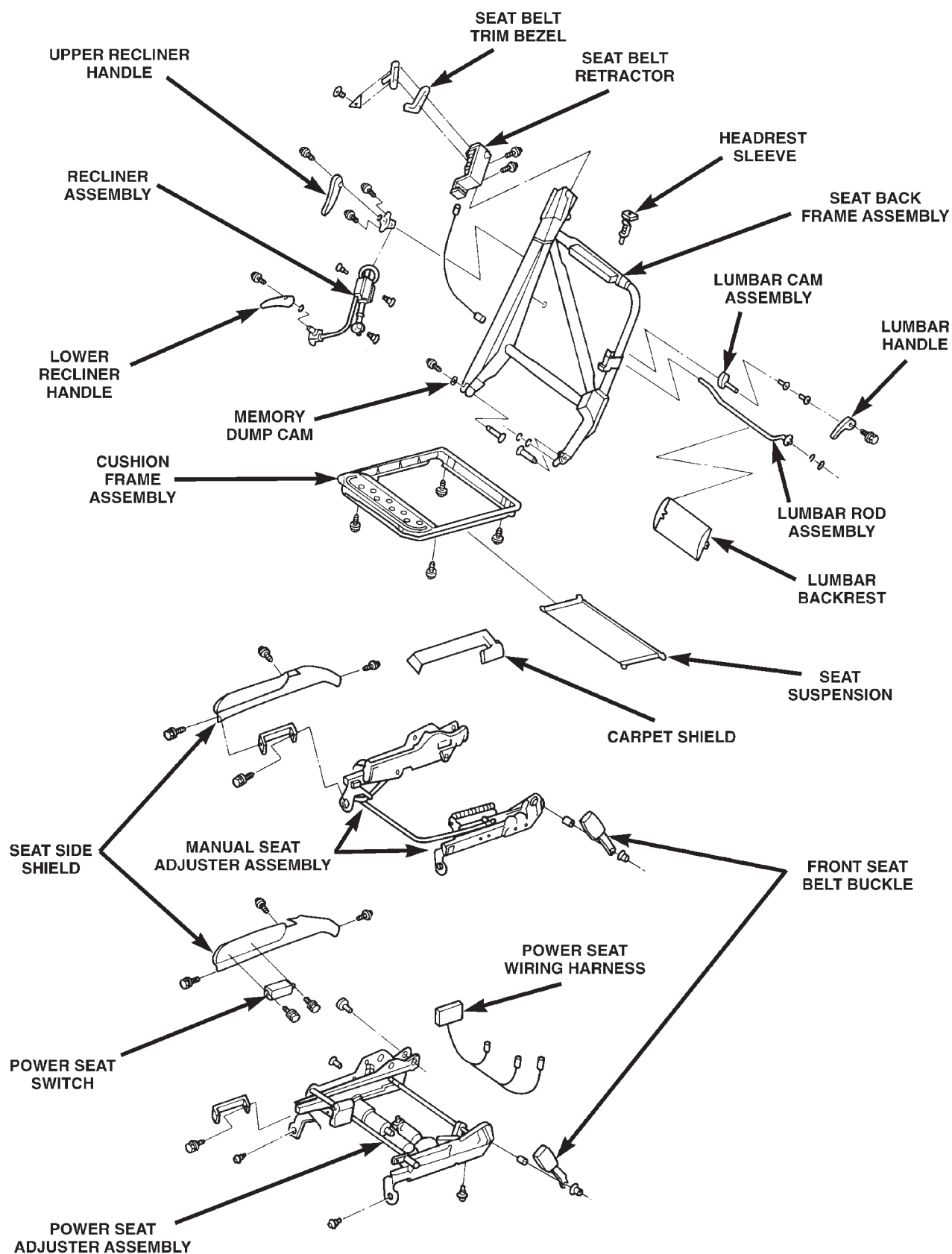


Fig. 1 Front Seat Exploded Diagram

REMOVAL AND INSTALLATION (Continued)

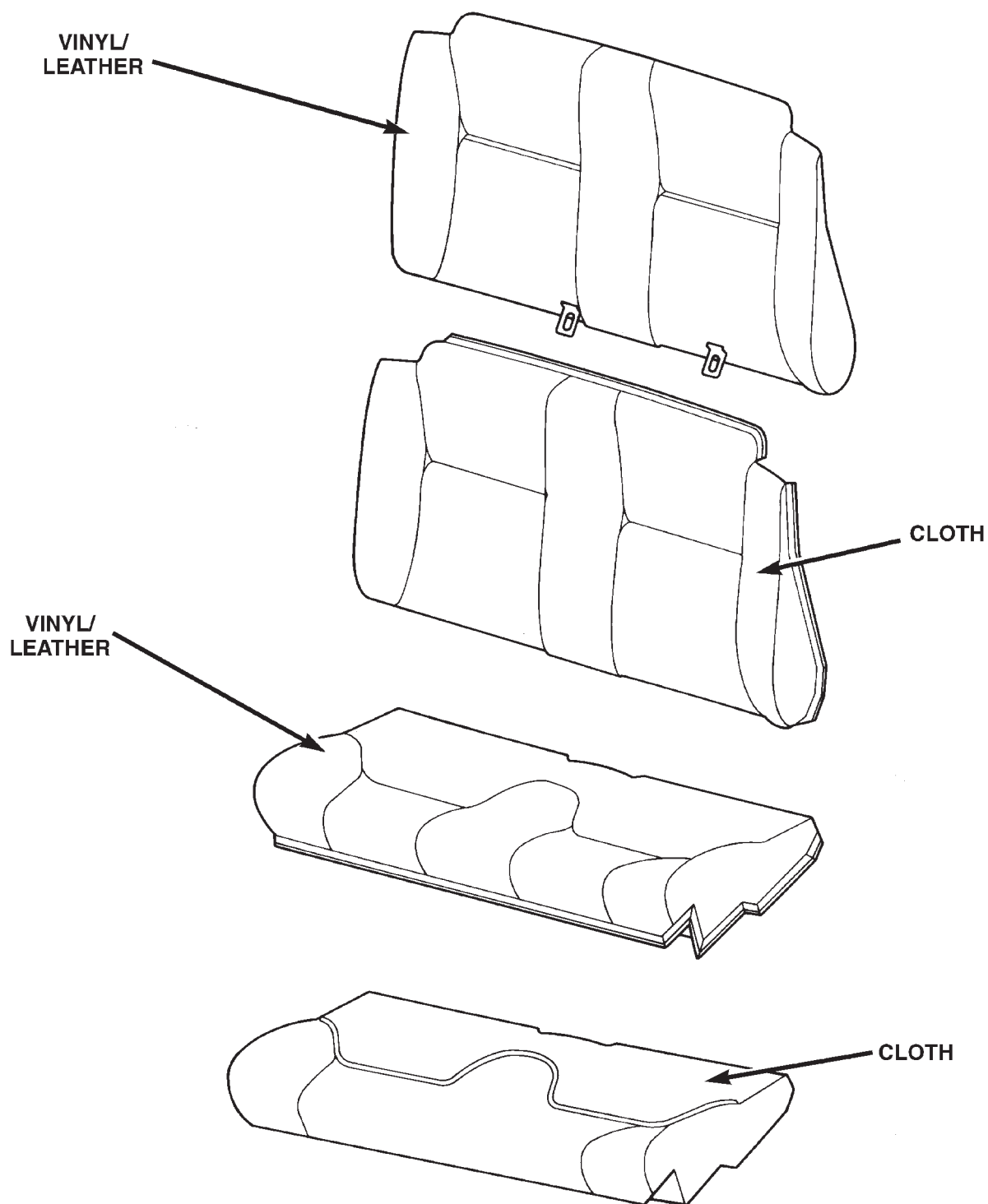


Fig. 2 Rear Seat Covers

REMOVAL AND INSTALLATION (Continued)

FRONT SEAT SIDE SHIELD

REMOVAL

- (1) Remove lower recliner handle.
- (2) Remove screws holding seat side shield to seat frame.
- (3) Remove screws holding power seat switch to side shield, if so equipped.
- (4) Separate side shield from vehicle (Fig. 3).

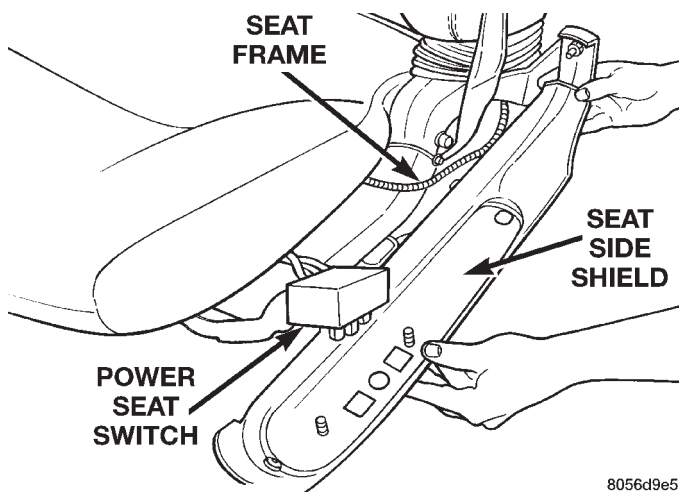


Fig. 3 Front Seat Side Shield

INSTALLATION

- (1) Position side shield near seat.
- (2) Install screws holding power seat switch to side shield, if so equipped.
- (3) Install screws holding side shield to seat frame.
- (4) Install lower recliner handle.

FRONT SEAT CUSHION ASSEMBLY

REMOVAL

- (1) Remove seat from vehicle. Refer to procedures found in this section.
- (2) Invert seat on a suitable work surface.
- (3) Remove fasteners holding seat cushion assembly to seat adjusters (Fig. 4).
- (4) Separate seat cushion assembly from seat adjusters.

INSTALLATION

- (1) Position seat cushion assembly on seat adjusters.
- (2) Install fasteners holding seat cushion assembly to seat adjusters.
- (3) Install seat in vehicle. Refer to procedures found in this section.

FRONT SEAT CUSHION COVER

REMOVAL

- (1) Remove seat cushion assembly.

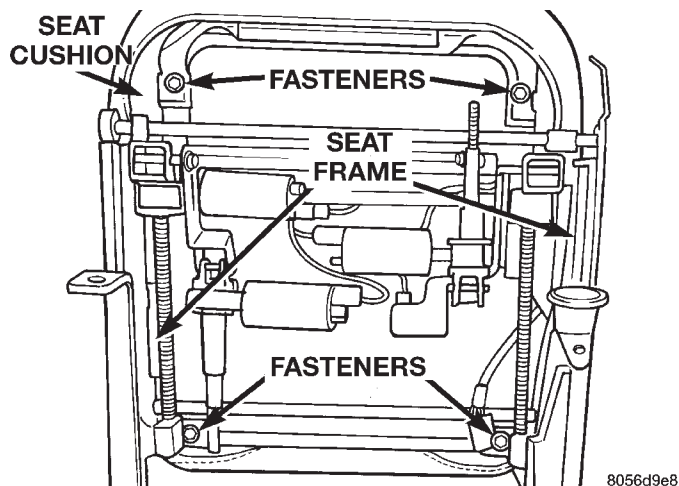


Fig. 4 Front Seat Cushion

- (2) Disengage seat cushion cover retainer channels from seat cushion frame.
- (3) Peel seat cushion cover back from seat cushion foam to access hog rings holding seat cushion cover to seat cushion foam.
- (4) Remove hog rings holding seat cushion cover to seat cushion foam.
- (5) Separate seat cushion cover from seat cushion foam.

INSTALLATION

- (1) Position seat cushion foam to seat cushion frame.
- (2) Wrap fabric flap on bottom of cushion foam behind and under rear rail of cushion frame. Pull fabric tight.
- (3) Install hog rings to hold fabric flap to seat cushion frame.
- (4) Position seat cushion cover to seat cushion foam.
- (5) Align horizontal seat cushion cover seam center notch with center hog ring location in seat cushion foam.
- (6) Install hog rings to hold horizontal seam wire to wire in seat cushion foam at each hog ring location provided. Begin at center hog ring location and work outward.
- (7) Install hog rings to hold vertical seam wires to wires in seat cushion foam at each hog ring location provided, if seat has vertical seams.
- (8) Pull cushion cover down over seat cushion foam and frame.
- (9) Engage seat cushion cover retainer channels to seat frame.
- (10) Install seat cushion assembly.

REMOVAL AND INSTALLATION (Continued)

FRONT SEAT BACK

REMOVAL

- (1) Remove seat from vehicle. Refer to appropriate procedure found in this section.
- (2) Remove seat side shield.
- (3) Remove wire connector for seat belt retractor by separating wire connector from push-in fastener located on bracket under seat cushion.
- (4) Mark location of wiring tie strap holding retractor wiring harness to recliner cable.
- (5) Remove wiring tie strap.

NOTE: The torque prevailing nuts used to secure the lower seat belt anchor and seat belt buckle are not re-usable. Verify availability prior to proceeding.

- (6) Remove nut holding lower seat belt anchor to seat frame (Fig. 5).
- (7) Remove nut and washer holding seat belt buckle to seat frame.
- (8) Separate seat belt buckle from seat frame.
- (9) Remove recliner cable eyelet clip (Fig. 5).
- (10) Remove recliner cable from arm on seat adjuster and feed cable back through hole in seat adjuster.

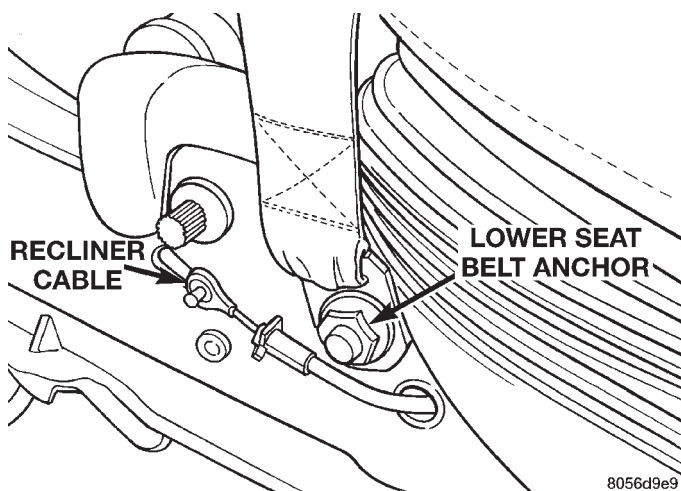


Fig. 5 Lower Seat Belt Anchor And Recliner Cable

WARNING: Do not pull on upper recliner handle or recliner cable end at any point during the following steps. The recliner lead screw is spring loaded and will eject if either the handle or cable is pulled before the lead screw is removed.

- (11) Remove seat cushion assembly.
- (12) Remove E-clip and washer from easy-entry rod at inboard side of seat, passenger side only.
- (13) Separate rod from seat back.
- (14) Remove pivot bolts holding seat back to seat frame.
- (15) Remove bolt holding recliner lead screw to seat frame.

- (16) Separate seat back from seat frame.
- (17) Unscrew lead screw from recliner mechanism (Fig. 6).

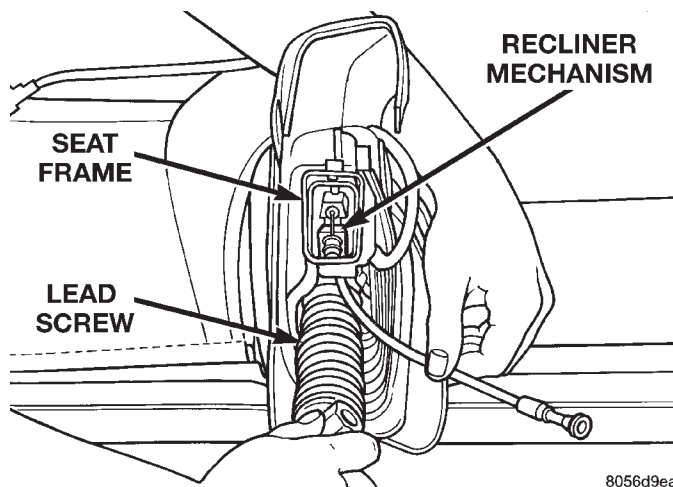


Fig. 6 Recliner Lead Screw

INSTALLATION

- (1) Screw recliner lead screw into recliner mechanism. (Fig. 6).

WARNING: Do not pull on upper recliner handle or recliner cable end at any point during the following steps. The recliner lead screw is spring loaded and will eject if either the handle or cable is pulled.

- (2) Position seat back to seat frame.
- (3) Install bolt holding recliner lead screw to seat frame. Torque to 45.3 N·M (33.3 ft. lbs.).
- (4) Install pivot bolts holding seat back to seat frame. Torque to 45.3 N·M (33.3 ft. lbs.).
- (5) Attach easy-entry rod to seat back, passenger side only.
- (6) Install easy-entry washer and E-clip, passenger side only.
- (7) Install seat cushion.
- (8) Feed recliner cable through hole in seat adjuster and engage cable eyelet to arm on seat adjuster.
- (9) Install new recliner cable eyelet clip to arm on seat frame (Fig. 5).
- (10) Position seat belt buckle washer to bolt on side of seat adjuster.
- (11) Position seat belt buckle to bolt on side of seat adjuster and install nut.
- (12) Install new nut to hold seat belt buckle to seat adjuster.
- (13) Position lower seat belt anchor to bolt on seat adjuster.
- (14) Verify that seat belt is routed such that it will not be twisted when engaged to the seat belt buckle.
- (15) Install new nut holding lower seat belt anchor to seat frame (Fig. 5).

REMOVAL AND INSTALLATION (Continued)

NOTE: The torque specification for the lower seat belt anchor and seat belt buckle nuts are 45.3 N·M (33.3 ft. lbs.).

NOTE: Verify that a minimum of three threads extend beyond the lower seat belt anchor nut and that the lower seat belt anchor swivels freely. If both conditions are not found, remove nut, retorqued bolt, and while preventing bolt from turning, retorqued nut.

(16) Install wire connector for seat belt retractor to bracket located under seat cushion.

(17) Install wiring tie strap holding retractor wiring harness to recliner cable. Ensure that the wiring tie strap is placed at the original location by using the previously made marks.

(18) Install seat side shield. Verify that side and rear screws go through the rubber bellows.

(19) Install seat to vehicle. Refer to procedures found in this section.

FRONT SEAT BACK COVER

REMOVAL

(1) Remove seat from vehicle. Refer to appropriate procedure found in this section.

(2) Remove seat side shield.

NOTE: The torque prevailing nut used to secure the lower seat belt anchor is not re-usable. Verify availability prior to proceeding.

(3) Remove nut holding lower seat belt anchor to seat frame (Fig. 5).

(4) Remove upper recliner handle and lumbar adjustment handle, if so equipped.

(5) Remove headrest (Fig. 7).

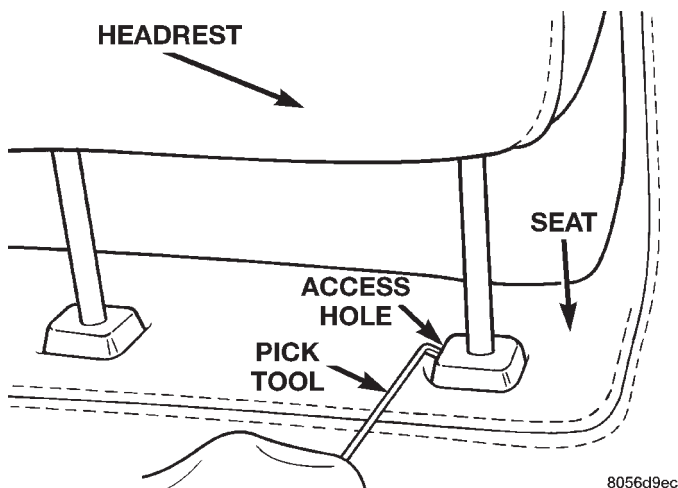


Fig. 7 Headrest Removal

(6) Separate plastic retainer strip at bottom of seat back (Fig. 8).

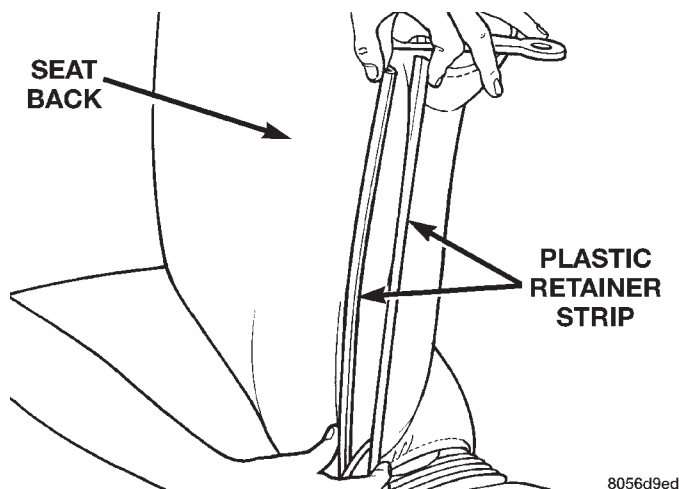


Fig. 8 Seat Cover Retainer Strip

(7) Remove hog rings holding seat cover seam cords to wires in seat back foam (Fig. 9).

(8) Pull seat cover upward to mid point position.

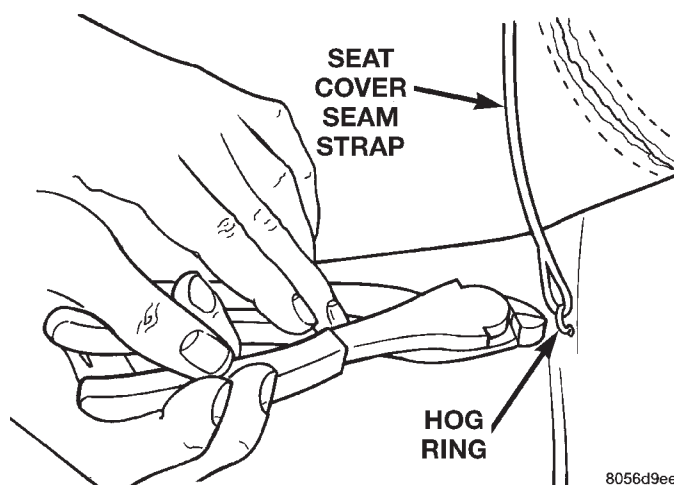


Fig. 9 Hog Rings

(9) Remove hog rings holding the top of the seat cover seam cords to wires in seat back foam.

(10) Remove hog rings holding seat back cover seam wire to wire in seat back foam.

(11) If vehicle is equipped with cloth seats;

(a) Pull seat back cover upward to access upper seat back cover seam wire.

(b) Remove hog rings holding seat back cover seam wire to wire in seat back foam.

(12) Remove bezel around seat belt webbing at seat belt retractor flag.

(13) Disengage clips holding seat cover to seat belt retractor cover.

REMOVAL AND INSTALLATION (Continued)

- (14) Remove headrest guides (Fig. 10).

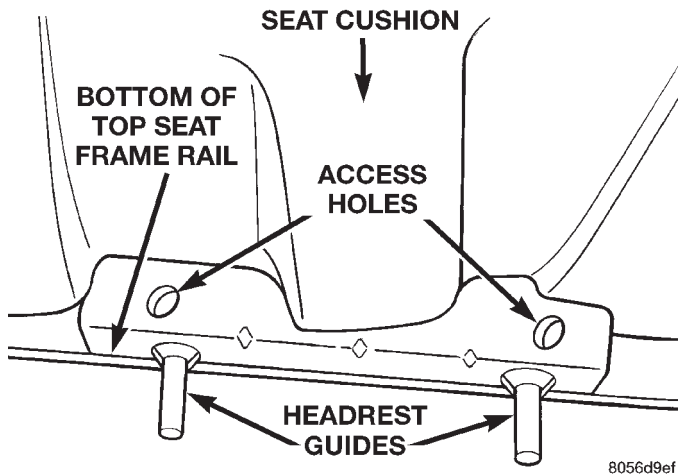


Fig. 10 Headrest Guides

- (15) Feed seat belt bezel and seat belt through seat cover while pulling cover from seat back foam.
- (16) Separate seat back cover from seat back foam and frame.

INSTALLATION

- (1) Position seat back foam to seat back frame.
- (2) Install hog rings to hold seat back foam to seat back frame.
- (3) Position seat cover on seat back foam and seat frame.
- (4) Feed seat belt bezel and seat belt through hole in seat cover.
- (5) Pull seat cover downward to first horizontal trench in seat back foam.
- (6) Align seat cover horizontal seam center notch to center hog ring location.
- (7) Install hog rings, center first, to hold seat back cover seam wire to wire in seat back foam.
- (8) If vehicle is equipped with cloth seats;
 - (a) Pull seat back cover downward to second horizontal trench in seat back foam.
 - (b) Align seat cover horizontal seam center notch to center hog ring location.
 - (c) Install hog rings, center first, to hold seat back cover seam wire to wire in seat back foam.
- (9) Install hog rings at hog ring location in vertical foam trenches to attach the cover seam cords to the wires in the foam. If vehicle is equipped with cloth seats, attach the lower ends of horse shoe shaped wire with the same hog rings.
- (10) Engage clips holding seat cover to seat belt retractor cover.
- (11) Install headrest guides.
- (12) Install headrest.
- (13) Install hog rings to hold seat cover seam cords to wires in seat back foam.

- (14) Pull seat cover down fully over seat back foam.

- (15) Install hog rings above bead in seat cover seam cord to hold cords to hog ring location at bottom of vertical foam trench.

- (16) Connect seat cover retainers at bottom of seat back.

- (17) Slide long snaps on outboard portion of seat belt bezel inside seat back cover and seat belt retractor cover.

- (18) Using a suitable hook style tool inserted through opening in seat belt bezel, support the inside of the seat belt retractor cover while snapping the inboard portion of the bezel into the cover.

- (19) Install upper recliner handle and lumbar adjustment handle, if so equipped.

- (20) Attach lower seat belt anchor to bolt on seat adjuster.

- (21) Verify that seat belt is routed such that it will not be twisted when engaged to the seat belt buckle.

- (22) Install new nut holding lower seat belt anchor to seat frame (Fig. 5).

NOTE: The torque specification for the lower seat belt anchor nut is 45.3 N·M (33.3 ft. lbs.).

- (23) Verify that a minimum of three threads extend beyond the lower seat belt anchor nut and that the lower seat belt anchor swivels freely. If both conditions are not found, check that the bolt is fully engaged to the seat adjuster.

- (24) Install seat to vehicle. Refer to appropriate procedure in this section.

SEAT RECLINER**REMOVAL**

- (1) Remove seat from vehicle. Refer to appropriate procedure found in this section.
- (2) Remove seat back from lower seat frame.
- (3) Unscrew recliner lead screw.
- (4) Remove seat back cover until the screws holding the upper recliner handle mechanism to the seat back frame can be accessed.
- (5) Remove rubber bellows covering lower part of seat back frame.
- (6) Remove screws holding upper recliner handle mechanism to seat frame.
- (7) Push upper recliner mechanism into seat frame with handle shaft facing the front of the seat frame.

NOTE: Do not re-use bolts holding recliner housing to seat frame. Verify availability prior to proceeding.

- (8) Remove bolts holding recliner housing to seat frame.

REMOVAL AND INSTALLATION (Continued)

(9) Pull recliner housing and upper recliner handle mechanism downward and out through bottom of seat frame.

INSTALLATION

(1) Feed upper recliner mechanism and then recliner housing into the seat back frame with handle shaft facing the front of the seat frame.

(2) Install new bolts to hold seat recliner housing to seat frame. Tighten to 34 N·M (300 in. lbs.).

(3) Pull upper recliner handle mechanism through hole in seat frame.

(4) Install screws holding upper recliner handle mechanism to seat frame.

(5) Install rubber bellows covering lower part of seat back frame.

(6) Install seat back cover.

(7) Install recliner spring bracket, spring, and lead screw.

(8) Install seat back to lower seat frame.

(9) Install seat into vehicle. Refer to procedures found in this section.

POWER SEAT ADJUSTER**REMOVAL**

(1) Remove seat from vehicle. Refer to appropriate procedure in this section.

(2) Remove front seat back.

(3) Separate power seat switch and harness from seat adjuster.

INSTALLATION

(1) Install power seat switch and harness to seat adjuster.

(2) Install front seat back.

(3) Install seat in vehicle. Refer to appropriate procedure in this section.

MANUAL SEAT ADJUSTERS**REMOVAL**

(1) Remove seat from vehicle. Refer to appropriate procedure in this section.

(2) Remove front seat back.

(3) Remove towel bar spring.

(4) Remove push-nuts holding towel bar to seat adjusters.

(5) Separate towel bar from seat adjuster.

(6) Remove seat adjusters.

INSTALLATION

(1) Position seat adjusters for reassembly.

(2) Install towel bar to seat adjusters.

(3) Install new push nuts to hold towel bar to seat adjusters.

(4) Install towel bar spring.

(5) Install front seat back.

(6) Install seat in vehicle. Refer to appropriate procedure in this section.

REAR SEAT CUSHION COVER**REMOVAL**

(1) Remove rear seat cushion from vehicle. Refer to procedures found in this section.

(2) Place seat cushion on a suitable work surface in inverted position.

(3) Remove hog rings around perimeter of seat cushion holding seat cushion cover to seat cushion frame.

(4) Pull seat cover from seat cushion frame and seat cushion foam.

(5) Remove hog rings holding seat cover seam wires to seat foam wires.

(6) Separate seat cover from seat frame and seat cushion foam.

INSTALLATION

(1) Position seat cushion cover to seat cushion frame and seat cushion foam.

(2) If vehicle is equipped with cloth seats;

(a) Align notch in center of seat cushion cover seam to center hog ring locator.

(b) Install a hog ring at each hog ring location to hold seat cushion cover seam wires to wires in seat cushion foam. Begin at center location and work outward.

(3) If vehicle is equipped with leather/vinyl seats;

(a) Align notch in center of inboard vertical cover seam with center hog ring locator.

(b) Install a hog ring at each hog ring location, beginning at center location, to hold seat cushion cover seam wire to wire in seat cushion foam.

(c) Repeat above steps for opposite inboard vertical seam, both outboard vertical seams, and for the horizontal seams.

(4) Pull seat cover over seat cushion frame and seat cushion foam.

(5) Install hog rings at hog ring locators around perimeter of seat cushion foam holding seat cushion cover to seat cushion frame.

(6) Install rear seat cushion to vehicle. Refer to procedures found in this section.

REAR SEAT BACK COVER**REMOVAL**

(1) Remove rear seat back from vehicle. Refer to procedures found in this section.

(2) Place seat back on a suitable work surface in inverted position.

(3) Remove hog rings around perimeter of seat back holding seat back cover to seat back frame.

REMOVAL AND INSTALLATION (Continued)

(4) Pull seat cover from seat back frame and seat back foam.

(5) Remove any hog rings holding seat cover seam wires to seat foam wires.

(6) Separate seat cover from seat frame and seat back foam.

INSTALLATION

(1) Position seat cover to seat back frame and seat back foam.

(2) Align notch in center of seat back cover vertical seam to center hog ring locator.

(3) Install a hog ring at each hog ring location, center first, to hold seat back cover seam to wires in seat back foam.

(4) Repeat the above steps for the opposite inboard vertical seam, both outboard vertical seams, and the lower horizontal seam.

(5) If vehicle is equipped with cloth seats;

(a) Install hog rings at each hog ring locator, center first, to attach ends of vertical portions of U-shaped wires to vertical foam wires.

(b) Align notch in center of upper horizontal seat cover seam to center hog ring location.

(c) Install a hog ring at each hog ring locator to hold upper horizontal seam wire to wire in seat back foam.

(6) Install hog rings holding seat cover seam wires to seat frame.

(7) Pull seat cover over seat back frame and seat back foam.

(8) Install hog rings at hog ring locators around perimeter of seat back cushion holding seat cover to seat back frame.

(9) Install rear seat back to vehicle. Refer to procedures found in this section.

CONVERTIBLE TOP

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DIAGNOSIS AND TESTING

HYDRAULIC SYSTEMS

The power convertible top hydraulic system consists of;

- Two hydraulic cylinders
- Hydraulic lines
- Electric hydraulic pump and reservoir
- Dual relays

HYDRAULIC SYSTEM TESTS

NOTE: The convertible top will raise slowly or make abnormal noise if the hydraulic fluid level is low.

- (1) Remove rear seat cushion and back.
- (2) With the top up and latched, remove the reservoir fill plug.
- (3) Visually inspect fluid level. If low, inspect for leak in hydraulic system.
- (4) Fill reservoir with Dextron II automatic transmission fluid to the bottom of the fill hole.
- (5) Repair or replace components, as necessary.
- (6) Replace fill plug and lower top.
- (7) Raise top and verify fluid level.

REMOVAL AND INSTALLATION

FOLDING TOP COVER

REMOVAL

- (1) Release folding top latches and allow top cover to relax.
- (2) Remove tack strip trim panel.
- (3) Remove headlining.
- (4) Remove all convertible top storage area sections.
- (5) Remove nuts holding tack strip to deck panel.
- (6) Separate tack strip from deck panel.

CAUTION: Cover all painted and upholstered surfaces to avoid damage while performing the following operations.

- (7) Reposition tack strip above rear deck and quarter panels.
- (8) Using a grease pencil, mark location of outer top cover on rear tack strip to aid installation.
- (9) Remove staples holding top cover to rear tack strip.
- (10) Fold rear of top cover, tack strips and rear window up and over the third (rear) roof bow.
- (11) Remove screws holding roof rail tension cable springs to rear rail behind quarter glass opening.
- (12) Pull side rail rear weatherstrips from weatherstrip retainer channels.
- (13) Remove screws holding rear weatherstrip retainer channels to convertible top mechanism.
- (14) Separate rear weatherstrip retainer channels from vehicle.
- (15) Separate top cover listing from adhesive on roof rail.
- (16) Raise folding top to the mid point.
- (17) Remove screws holding convertible top header feature strip to header panel.
- (18) Mark location of top cover on top header.
- (19) Remove staples holding top cover to header.
- (20) Remove screws in end of roof bow.
- (21) Slide convertible top plastic retainer strips from channels in roof bows.
- (22) Close folding top, do not latch.
- (23) Slide tension cable out of cable pocket.
- (24) Disengage roof rail tension cables from header.
- (25) Separate top cover from vehicle.

INSTALLATION

- (1) Position convertible top cover on vehicle.
- (2) Slide tension cable through cable pocket.

REMOVAL AND INSTALLATION (Continued)

- (3) Install rubber plugs holding roof rail tension cable ends into key-hole slots in roof rails.
- (4) Install roof bows to convertible top mechanism.
- (5) Snap convertible top plastic retainer strips into channels in roof bows, starting at rear bow and working forward.
- (6) Install screws at ends of roof bows.
- (7) Raise convertible top to mid point.
- (8) Align top cover to mark made previously on header.
- (9) Install staples to hold top cover to header.
- (10) Install screws holding convertible top header feature strip to header panel.
- (11) Install screws holding roof rail tension cable springs to roof rear roof rail behind quarter glass opening.
- (12) Align mark made on rear of top cover and rear window to tack strip.
- (13) Install staples holding rear of top cover and rear window to tack strip.
- (14) Position tack strip to rear deck panel.
- (15) Install nuts holding tack strip to rear deck panel.
- (16) Install headlining.
- (17) Install all convertible top storage area sections.
- (18) Install tack strip trim panel.
- (19) Lower quarter glass.
- (20) Lower and secure convertible top.
- (21) Apply suitable adhesive to side rail rear section to attach top cover listing.
- (22) Pull top cover listing taut and secure to adhesive on rear side rail.
- (23) Install side rail rear weatherstrip retainer channels.
- (24) Install side rail rear weatherstrips.
- (25) Verify fit and operation. Adjust as necessary.

BACKLITE

REMOVAL

- (1) Release folding top latches and allow top cover to relax.
- (2) Lift shower curtain and remove push in nuts holding curtain to the studs.

CAUTION: Take precautions not to tear curtain on the boot shelf during removal.

- (3) Disengage the headliner at the rear sail panels.
- (4) Disengage wire connectors from terminals on heated rear window.
- (5) Pull wire harness from sleeves at each side of the rear window.
- (6) Remove nuts holding beltline tack strips to vehicle.

NOTE: Support top 12" above windshield header.

- (7) Remove the 5 piece beltline tack strips and save plastic centering bushings for reinstallation.

NOTE: Be sure to note the locations of the plastic centering bushings for installation.

- (8) Disengage elastic strap from the third roof bow, if equipped.
- (9) Remove antenna mast.
- (10) Place protective padding over the entire rear deck area to protect paint. Move tack strips to top of deck opening onto protective padding.
- (11) Mark the outer sail panels along the top edges and down the seams between the outer and second tack strips from the outside of top (Fig. 1).

NOTE: Reference marks will be used to reinstall the new backlite assembly.

- (12) Remove sail panel springs on both sides at the front corners of the cover assembly (Fig. 2).
- (13) Remove all staples from the cover assembly.

CAUTION: Be careful not to tear or damage the cover assembly.

- (14) Fold the cover assembly up over the top.
- (15) Remove tape and foam at the end of the third roof bow, save if reusable.
- (16) Remove the rearmost stop screw on the number three bow, either driver's or passenger's side (Fig. 3).
- (17) Slide the old backlite assembly off the number three bow .

INSTALLATION

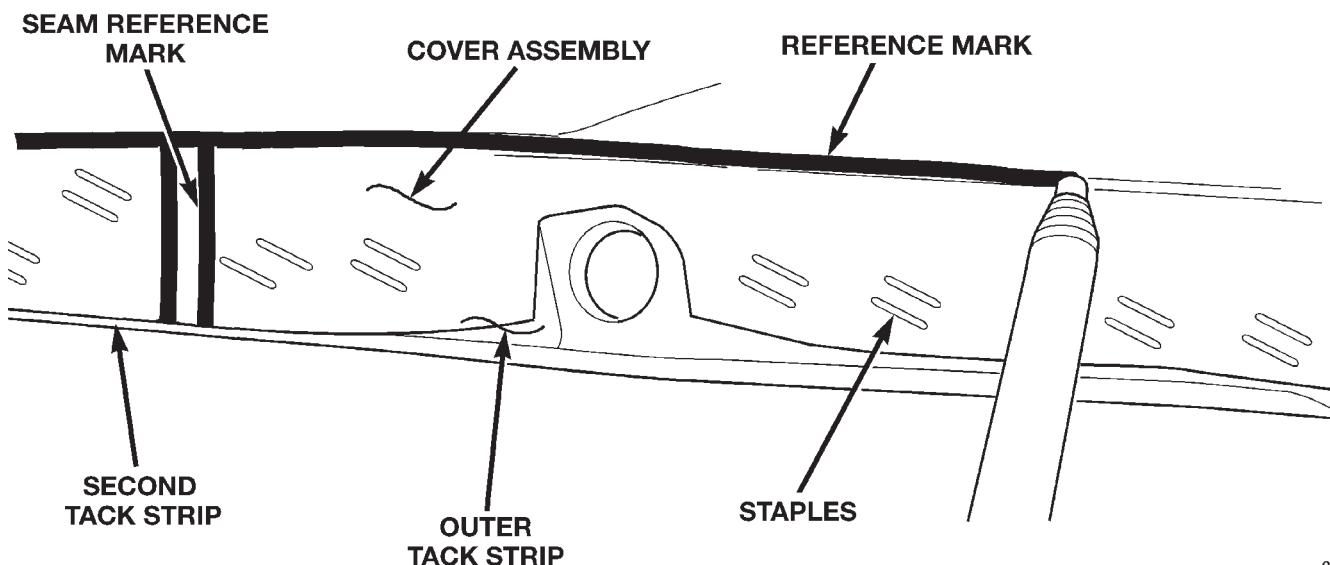
NOTE: To support the new backlite assembly for stapling purposes, remove the new backlite from packaging and place shipping box across the top opening, resting on the backseat and decklid.

- (1) Remove the boot shelf and two sail springs from the old backlite assembly and install onto the new backlite assembly.
- (2) Place backlite locking strip on third bow.
- (3) Insert the locking strip into the channel of the number three roof bow. A rubber mallet may be required to set locking strip into channel (Fig. 4).

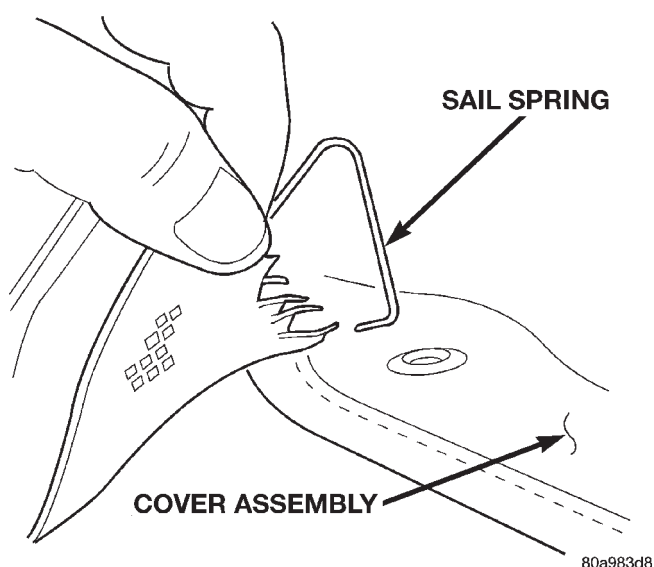
CAUTION: Do not slide or pull the locking strip onto the number three bow.

NOTE: To ensure backlite is snapped into number three bow, flip assembly onto top to inspect snap in feature.

REMOVAL AND INSTALLATION (Continued)



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Fig. 1 Sail Panel Reference Marks

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Fig. 2 Sail Springs

(4) Install existing or new foam on the end of the bow using 1" black tape to secure foam to bow.

(5) Install the rearmost stop screw on the number three bow.

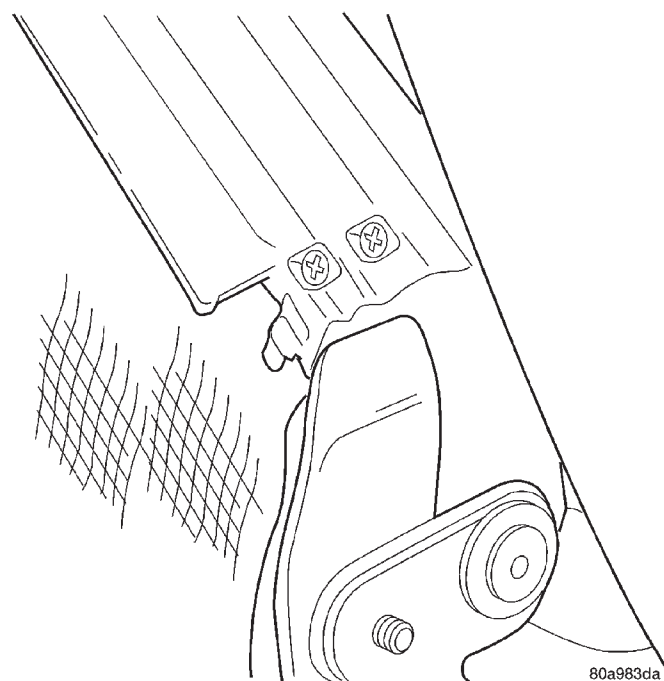
(6) Starting from the right side of the vehicle, locate the front edge of the cover assembly to the tacking strip (use measurements from Removal step #11) and pull cover down until marking is one eighth of an inch below the top edge of the tacking strips.

NOTE: 1/8" measurement should be constant when restapling the cover assembly to prevent wrinkles.

(7) Continue to staple right hand cover assembly to tacking strips. Work from the outboard to center line of the vehicle.

(8) Repeat step #6 for left side of the vehicle.

(9) Install sail panel springs to front of cover assembly.



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Fig. 3 Backlite Rear Stop Screw

(10) Install antenna mast.

(11) Engage backlite elastic strap to number three roof bow.

(12) Install plastic centering bushings to the belt-line tacking strips.

(13) Using the nuts, install the beltline tacking strips, starting with the center tack strip and working outboard.

(14) Feed heated rear window wire harness thru sleeves at each side of the backlite.

(15) Engage heated rear window wire connectors to terminals.

(16) Engage the headliner at the rear sail panel.

(17) Install shower curtain with push on nuts.

REMOVAL AND INSTALLATION (Continued)

CAUTION: Make sure top well is not trapped under the tack strips.

- (18) Latch top and inspect for wrinkles.

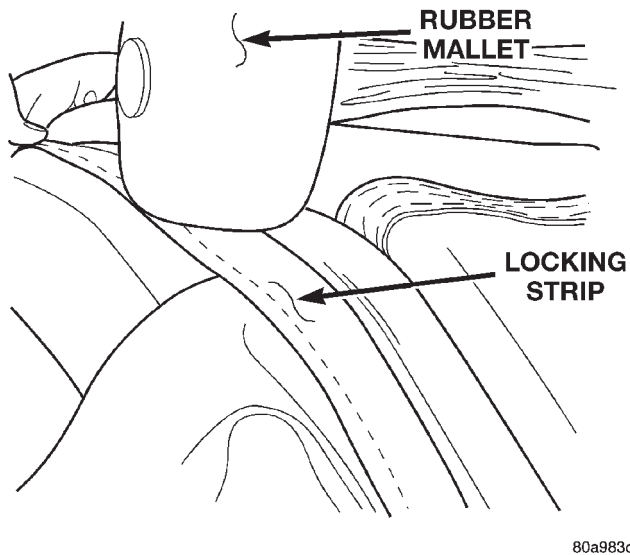


Fig. 4 Backlite Locking Strip

HYDRAULIC PUMP ASSEMBLY

REMOVAL

- (1) Disconnect battery negative cable.
- (2) Remove rear seat cushion and rear seat back.
- (3) Disconnect pump wire connector and ground connection (Fig. 5).
- (4) Disconnect hydraulic lines from pump.
- (5) Remove motor pump assembly from vehicle. The rubber mounts are pressed and locked into the mounting bracket. Pull up on motor assembly to remove.

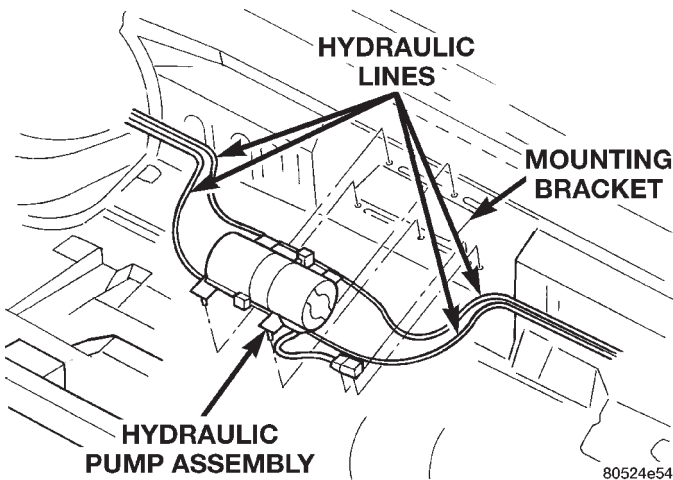


Fig. 5 Hydraulic Pump Assembly

INSTALLATION

- (1) Position hydraulic motor in vehicle.
- (2) Press hydraulic motor into mounts.
- (3) Connect hydraulic lines to pump.
- (4) Connect pump wire connector and ground connection.
- (5) Connect battery negative cable.
- (6) Fill and verify operation of hydraulic pump.
- (7) Install rear seat cushion and rear seat back.

HYDRAULIC CYLINDER

REMOVAL

- (1) Disconnect battery negative cable.
- (2) Remove rear seat cushion and rear seat back.
- (3) Remove quarter trim panel.
- (4) Remove cylinder mounting bracket and nut (Fig. 6).
- (5) Remove pivot bolt holding cylinder shaft to top linkage.
- (6) Disconnect hydraulic lines from the cylinder.
- (7) Remove cylinder from vehicle.

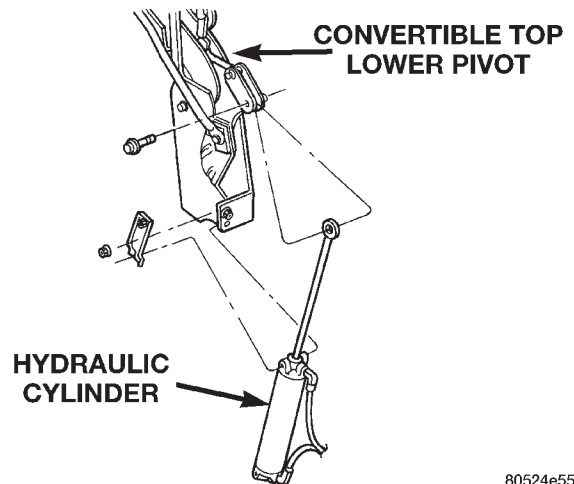


Fig. 6 Hydraulic Cylinder

INSTALLATION

Reverse the preceding operation. Fill hydraulic system and check for proper operation.

HYDRAULIC LINES

REMOVAL

- (1) Remove rear seat cushion and rear seat back.
- (2) Remove both quarter trim panels.
- (3) Disconnect hydraulic line from hydraulic cylinders.
- (4) Disconnect hydraulic line from hydraulic pump.
- (5) Separate hydraulic line from vehicle.

REMOVAL AND INSTALLATION (Continued)

INSTALLATION

- (1) Position hydraulic line to vehicle.
- (2) Connect hydraulic line to hydraulic pump.
- (3) Connect hydraulic line to hydraulic cylinders.
- (4) Fill hydraulic system. Check for leaks and proper operation.
- (5) Install quarter trim panels
- (6) Install rear seat cushion and rear seat back.

ADJUSTMENTS

CONVERTIBLE TOP ADJUSTMENTS

Refer to (Fig. 7) to determine which adjustment is required. Refer to the appropriate procedure for more information.

DOWEL PIN ADJUSTMENTS

- (1) Loosen dowel pins (Fig. 8).
- (2) Position dowel pins to the center of the receiver holes in the windshield header.
- (3) Tighten dowel pins and verify adjustment.

NOTE: Refer to Cam Adjustment or Balance Link Adjustment paragraphs of this section to adjust forward or rearward position of the top header.

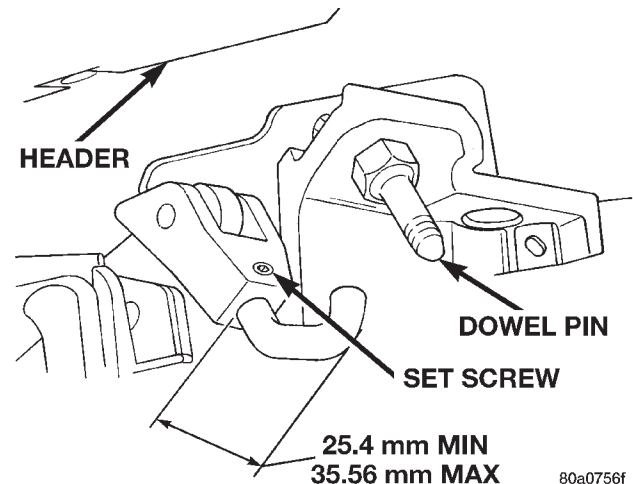


Fig. 8 Roof Latch and Guide Dowel Pin

LATCH HOOK ADJUSTMENT

If the convertible top latching effort is excessive, it can be reduced by lengthening the latch hook (Fig. 8). The top header weatherstrip requires enough compression to prevent air and water leaks. Adjust latch hook to achieve reasonable latching effort and proper sealing.

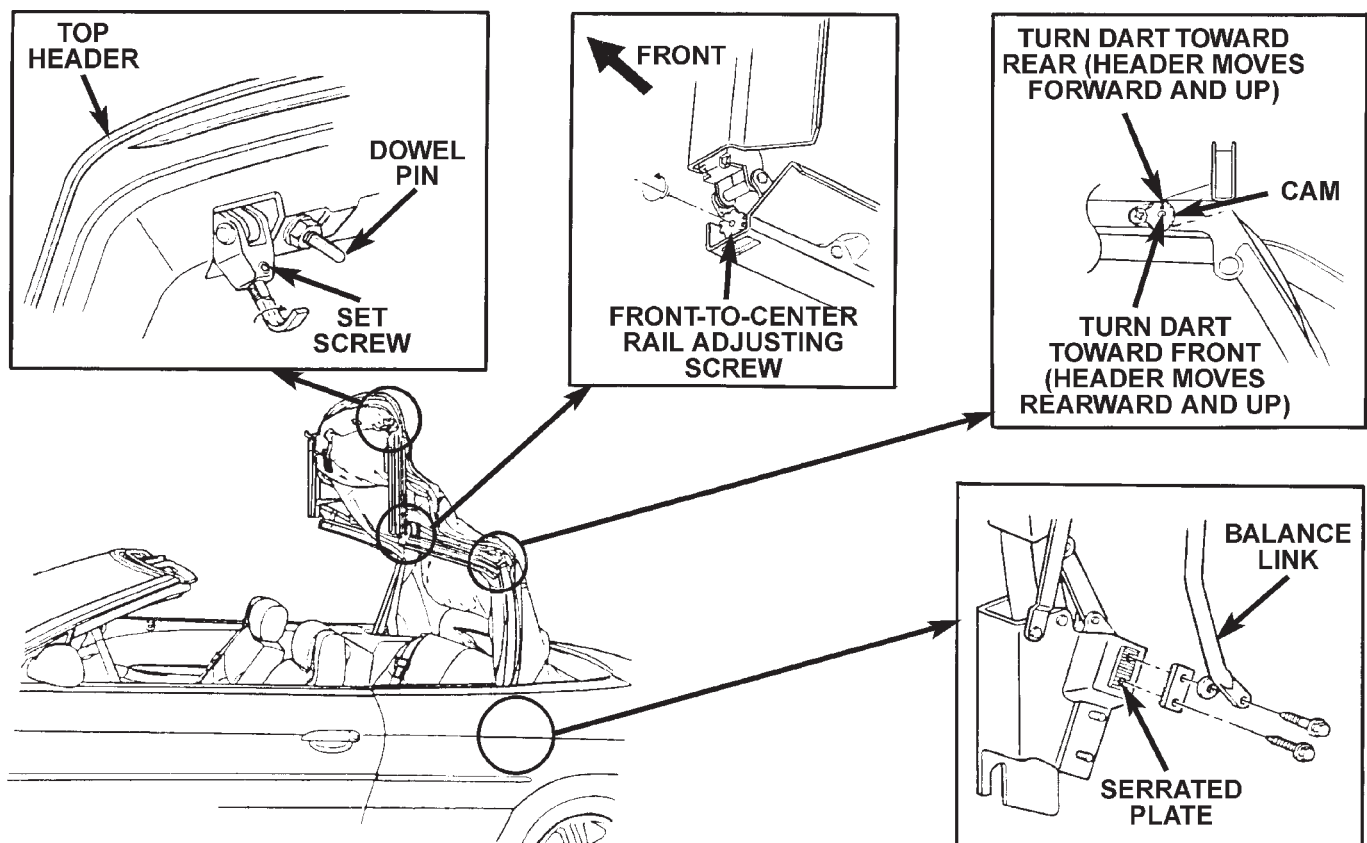
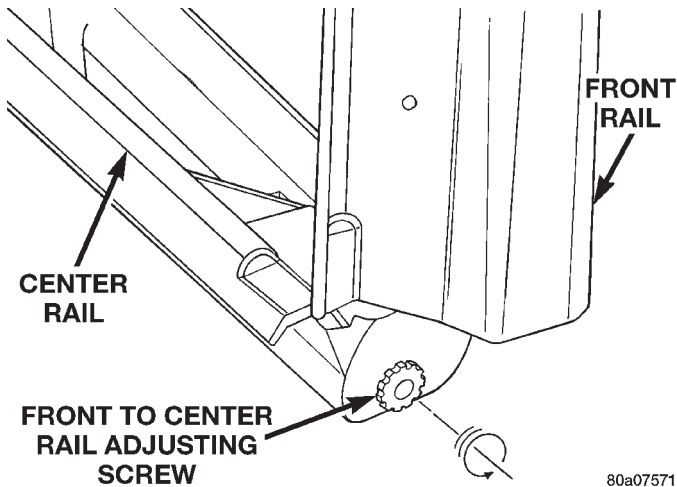


Fig. 7 Adjustment Locations

ADJUSTMENTS (Continued)

FRONT TO CENTER RAIL ADJUSTMENT

To align the roof rail weatherstrips to the door and quarter glass contact, adjust the front to center rail adjusting screw (Fig. 9). To decrease pressure on door glass turn adjuster inward. To increase pressure on door glass turn adjuster outward.



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Fig. 9 Roof Rail Adjustment

TOP FRAME CAM ADJUSTMENT

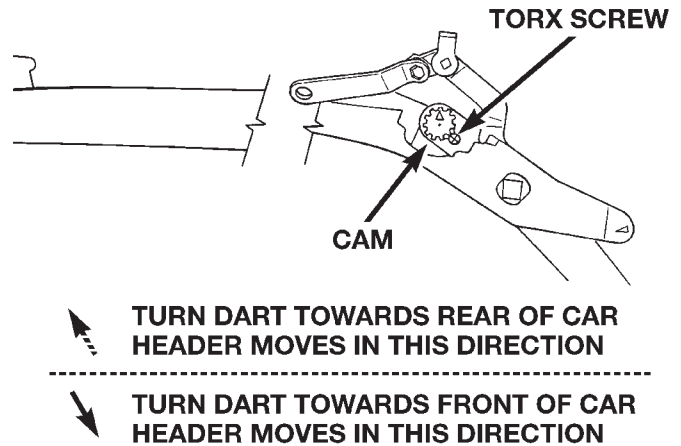
The top frame cam changes forward or rearward position of the top header in relation to the windshield header. The cam turns inside the rear side rail and thrust link (Fig. 10). It may be necessary to lengthen the balance links 1 or 2 serrations after a cam adjustment. The position of the cam high side determines the angle between the center and rear side rails. When the high side is fully forward, the angle is at a minimum, and when turned rearward, the angle is increased. An increased angle increases the forward movement of the top. The cam high side is indicated by a arrow on the cam threaded end.

TO ADJUST CAM SETTING

- (1) Lower top to half down position to remove all possible strain from the cam.
- (2) Remove torx head screw.
- (3) Using appropriate torx bit, rotate cam as necessary and secure set screw.

BALANCE LINK ADJUSTMENT

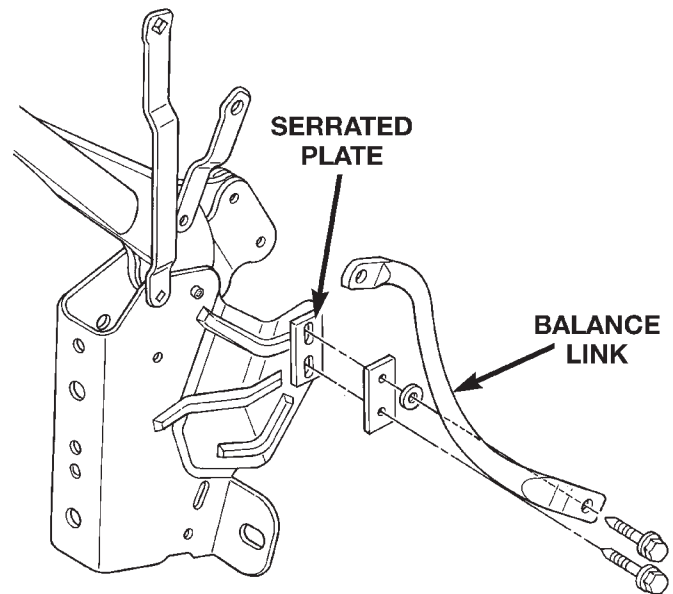
WARNING: DO NOT PLACE HANDS OVER GAPS IN MOVABLE CONVERTIBLE TOP COMPONENTS DURING SERVICING. PERSONAL INJURY CAN RESULT.



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Fig. 10 Cam Assembly

- (1) Remove convertible top head lining as necessary to gain access to adjusters.
- (2) With the top latched in up position, loosen both bolts just enough to permit moving link up or down (Fig. 11).
- (3) Push upward in the area of the front to center rail joint. Push rails up by hand as far as possible.
- (4) With the balance link adjusting bolts loosened, allow the balance link to seek proper position
- (5) Tighten bolts while rail is held in position.



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Fig. 11 Balance Link Adjustment

BODY COMPONENTS

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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.

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.

DIAGNOSIS AND TESTING (Continued)

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 crosswinds. 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.

UNIVERSAL TRANSMITTER

NOTE: The universal transmitter is disabled when the vehicle theft security system (VTSS) is activated.

Universal Transmitter will operate most:

- Garage door opener
- Gate opener
- Home/Office lighting and/or security system(s)

The transmitter is powered by the M1 circuit that supplies voltage to the driver side visor/vanity lamp.

TRAINING THE UNIVERSAL TRANSMITTER

To train the transmitter refer to the Owner's Manual.

TESTING TRANSMITTER

(1) Check for battery voltage at the Universal Transmitter by pressing a button and seeing if a red lamp comes on. If OK, go to Step 6. If not OK, go to Step 2.

(2) Check if visor/vanity lamp lights. If lamp lights, replace visor. If lamp does not light go to Step 3.

(3) Check fuse. If OK, go to Step 4. If not OK, repair as necessary.

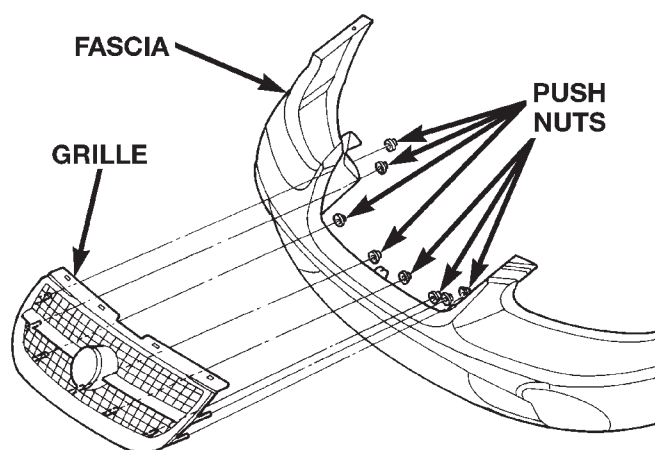
(4) Remove visor and test M1 wire for battery voltage at the visor connector. If voltage is OK, go to Step 5. If no voltage repair wire as necessary. Refer to Group 8W, Wiring Diagrams for proper terminals.

(5) Test Z1 wire for ground at the visor connector. If ground is OK, replace visor. If no ground repair wire as necessary.

(6) Check the instructions in the Owner's Manual and retrain the transmitter. If the transmitter can not be trained replace visor.

REMOVAL AND INSTALLATION**GRILLE****REMOVAL**

- (1) Release hood latch and open hood.
- (2) Remove screws attaching grille to headlamp adapter assembly (Fig. 1).
- (3) Pull forward on grille slightly and remove clips holding grille to fascia.
- (4) Separate grille from vehicle.



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Fig. 1 Grille**INSTALLATION**

- (1) Position grille on vehicle.
- (2) Install clips holding grille to fascia.
- (3) Install screws holding grille to headlamp adapter assembly.

REMOVAL AND INSTALLATION (Continued)

HOOD LATCH

REMOVAL

- (1) Release hood latch and open hood.
- (2) Support hood on prop rod.
- (3) Remove nuts holding hood latch to upper radiator support crossmember (Fig. 2).
- (4) Separate hood latch from vehicle.
- (5) Disengage remote release cable from hood latch (Fig. 3).

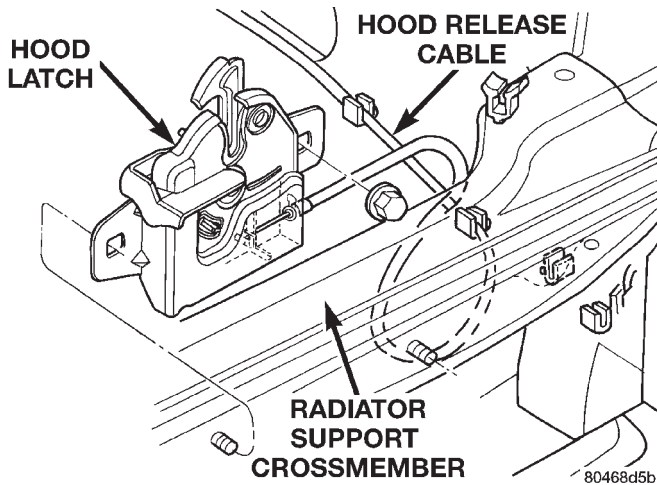


Fig. 2 Hood Latch

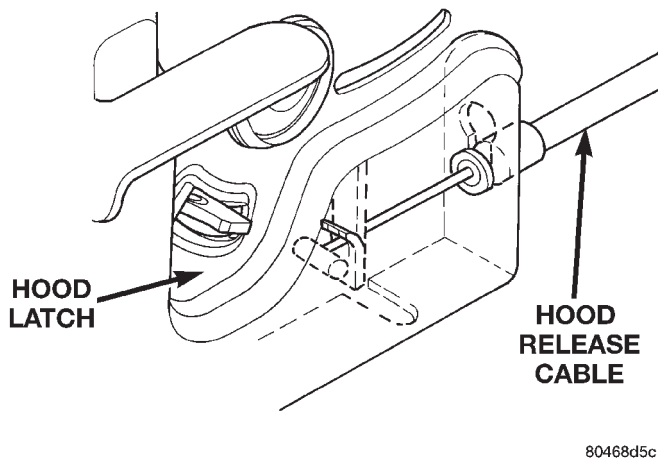


Fig. 3 Hood Latch Release Cable

INSTALLATION

- (1) Engage remote release cable into hood latch (Fig. 3).
- (2) Position hood latch on vehicle.
- (3) Install nuts holding hood latch onto upper radiator support crossmember.
- (4) Verify operation. Adjust as necessary.

HOOD LATCH RELEASE CABLE

REMOVAL

- (1) Remove hood latch.
- (2) Remove left front cowl trim panel.
- (3) Remove screws holding hood release handle to inner cowl panel (Fig. 4).
- (4) Release clips holding hood release cable to left inner frame rail (Fig. 5).
- (5) Disengage rubber grommet at lower dash panel.
- (6) Disengage push-in fastener holding hood release cable to dash panel.
- (7) Separate hood release cable from vehicle.

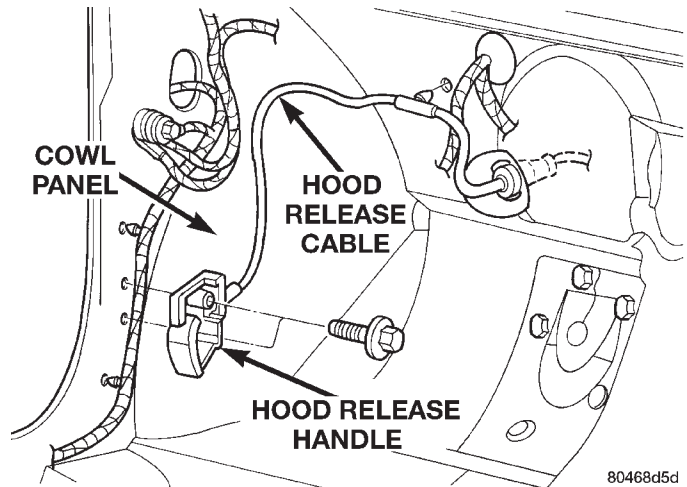


Fig. 4 Hood Release Cable Handle

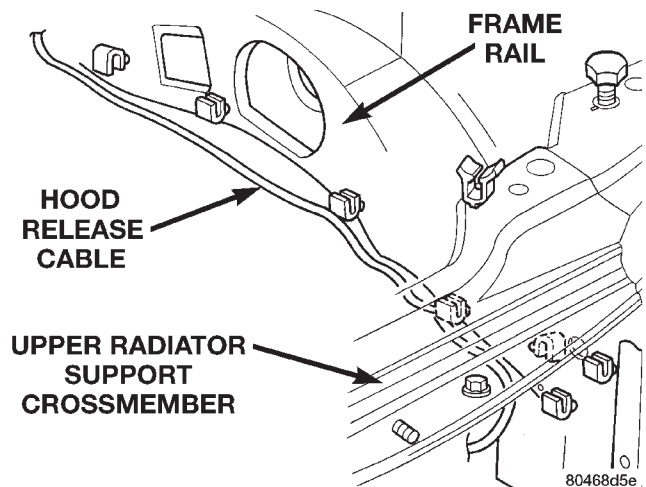


Fig. 5 Hood Release Cable Routing

INSTALLATION

- (1) Route hood release cable through hole in lower dash panel and along inner frame rail.

REMOVAL AND INSTALLATION (Continued)

- (2) Engage rubber grommet to lower dash panel.
- (3) Engage push-in fastener holding hood release cable to lower dash panel.
- (4) Install screws holding hood release cable handle to inner cowl panel.
- (5) Install left front cowl trim panel.
- (6) Engage hood release cable into clips along inner frame rail (Fig. 5).
- (7) Install hood latch.

HOOD

REMOVAL

- (1) Open hood.
- (2) Disengage under hood lamp wire connector from engine compartment wire harness.
- (3) Mark outline of hinges on inside of hood to aid installation.
- (4) Remove the top bolts holding hood to hinge and loosen the bottom bolts until they can be removed by hand.
- (5) With assistance from a helper at the opposite side of the vehicle to support the hood, remove bottom bolts holding hood to hinge.
- (6) Separate the hood from the vehicle.

INSTALLATION

- (1) With assistance from a helper, place hood in position on vehicle.
- (2) Install bottom bolts to hold hood to hinge finger tight.
- (3) Install top bolts to hold hood to hinge finger tight.
- (4) Position bolts at outline marks and tighten 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.
- (5) Engage under hood lamp wire connector to engine compartment wire harness.
- (6) Verify hood latch operation and alignment. Adjust as necessary.

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 aid installation.
- (3) Remove cowl cover.
- (4) Remove bolts holding hood to hinge.
- (5) Remove bolts holding hood hinge to front fender flange and separate hinge from vehicle.

INSTALLATION

- (1) If necessary, paint new hinge before installation.
- (2) Place hinge in position on vehicle.
- (3) Install bolts to hold hood hinge to front fender flange.
- (4) Install bolts to hold hood to hinge.
- (5) 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. Shims can be added or removed under hood hinge to achieve proper hood height.
- (6) Install cowl cover.
- (7) Verify hood latch operation. Adjust as necessary.

HOOD PROP-ROD

REMOVAL

- (1) Release hood latch and open hood.

CAUTION: Do place prop-rod or substitute against outer hood panel, damage to exterior finish will result.

- (2) Using a length of wooden dowel rod, prop hood open.
- (3) Disengage prop-rod from retainer holding prop-rod to radiator closure panel (Fig. 6).
- (4) Separate prop-rod from vehicle.

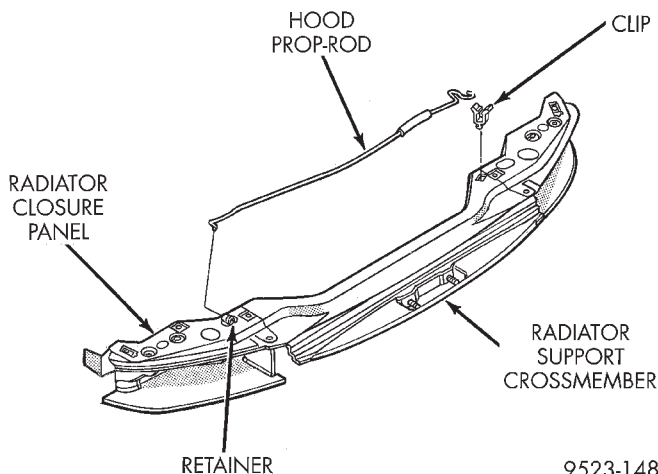


Fig. 6 Hood Prop Rod

INSTALLATION

Reverse the preceding operation.

HOOD ADJUSTER BUMPER

REMOVAL

- (1) Release hood latch and open hood.
- (2) Rotate hood adjuster bumper counterclockwise.

REMOVAL AND INSTALLATION (Continued)

(3) Separate hood adjuster bumper from radiator closure panel (Fig. 7).

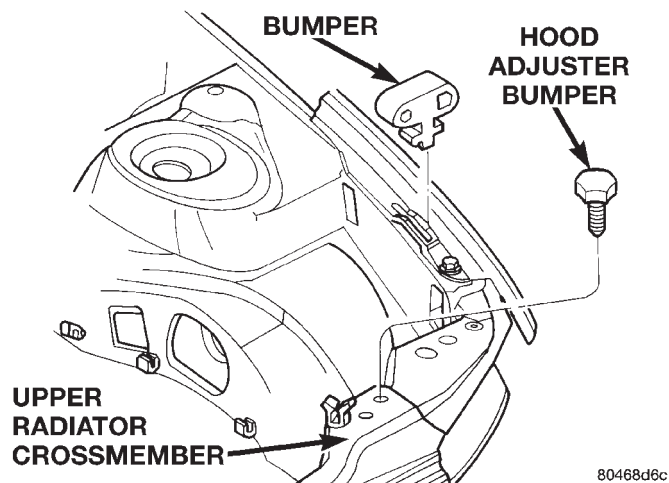


Fig. 7 Hood Adjuster Bumper

INSTALLATION

Reverse the preceding operation. Adjust hood adjuster bumper to achieve a hood height that is flush across the gaps to the fenders.

RADIATOR SUPPORT CROSSMEMBER

REMOVAL

- (1) Release hood latch and open hood.
- (2) Remove push-in fasteners holding fascia/grille to radiator support crossmember.
- (3) Remove bolts holding support braces to bottom of radiator support crossmember.
- (4) Remove bolts holding crossmember to radiator closure panel.
- (5) Remove nuts holding hood latch to radiator support crossmember.
- (6) Separate radiator support crossmember from vehicle.

INSTALLATION

Reverse the preceding operation.

COWL COVER

REMOVAL

- (1) Release hood latch and open hood.
- (2) Remove windshield wiper arms. Refer to Group 8K, Windshield Wipers and Washers.
- (3) Remove screws holding cowl cover to cowl (Fig. 8).
- (4) Remove clips holding cowl cover to cowl plenum under hood to cowl bulb seal.
- (5) Separate cowl cover from vehicle.

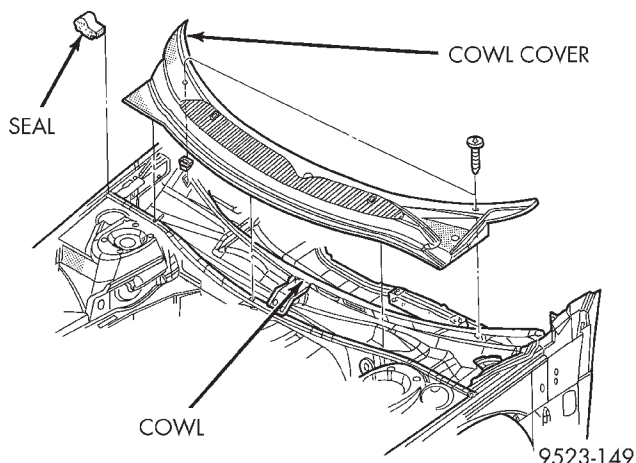


Fig. 8 Cowl Cover

INSTALLATION

- (1) Position cowl cover to vehicle.
- (2) Install clips holding cowl cover to cowl plenum under hood to cowl bulb seal.
- (3) Install screws holding cowl cover to cowl.
- (4) Install windshield wiper arms. Refer to Group 8K, Windshield Wipers and Washers.

BATTERY SPLASH SHIELD

REMOVAL

- (1) Remove screws holding battery splash shield to front bumper fascia (Fig. 9).
- (2) Rotate half turn retainers holding battery splash shield to wheelhouse splash shield counter-clockwise.
- (3) Separate battery splash shield from wheelhouse splash shield.
- (4) Separate battery splash shield from vehicle.

INSTALLATION

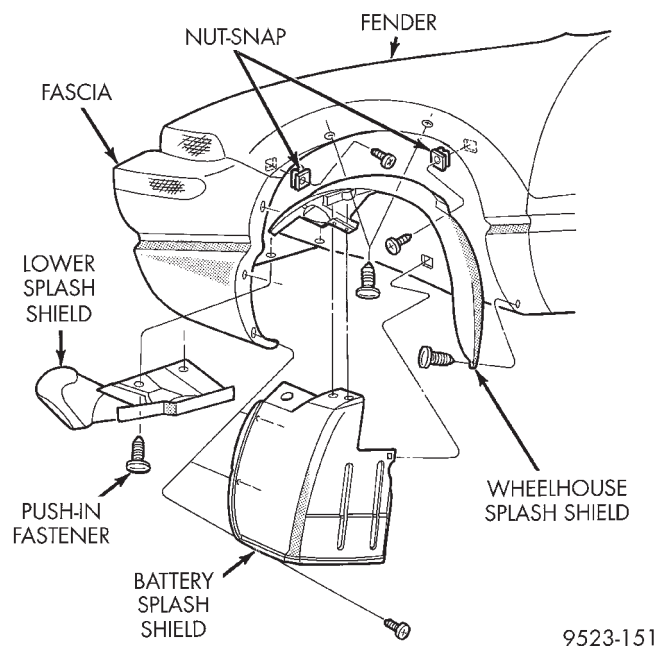
Reverse the preceding operation.

LEFT FRONT WHEELHOUSE SPLASH SHIELD

REMOVAL

- (1) Hoist and support vehicle on safety stands.
- (2) Remove left front wheel. Refer to Group 22, Wheels and Tires, for proper procedures.
- (3) Remove battery splash shield.
- (4) Remove screws holding wheelhouse splash shield to front fender lip (Fig. 9).
- (5) Remove push-in fastener holding wheelhouse splash shield to fender at the rocker panel.
- (6) Remove push-in fasteners holding wheelhouse splash shield to fender support.
- (7) Separate wheelhouse splash shield from vehicle.

REMOVAL AND INSTALLATION (Continued)

**Fig. 9 Left Front Wheelhouse Splash Shield****INSTALLATION**

Reverse the preceding operation.

ACCESSORY DRIVE BELT SPLASH SHIELD**REMOVAL**

- (1) Remove screw holding accessory drive belt splash shield to front fender (Fig. 10).
- (2) Remove push-in fasteners holding accessory drive belt splash shield to frame rail.
- (3) Separate accessory drive belt splash shield from vehicle.

INSTALLATION

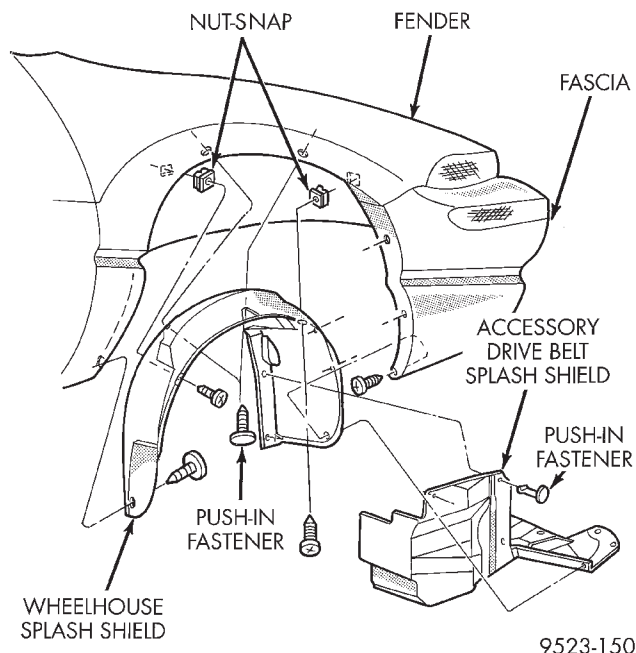
Reverse the preceding operation.

RIGHT FRONT WHEELHOUSE SPLASH SHIELD**REMOVAL**

- (1) Hoist and support vehicle on safety stands.
- (2) Remove right front wheel.
- (3) Remove screws holding wheelhouse splash shield to front fender lip (Fig. 10).
- (4) Remove screws holding wheelhouse splash shield to front bumper fascia.
- (5) Remove push-in fastener holding wheelhouse splash shield to fender at rocker panel.
- (6) Remove push-in fasteners holding wheelhouse splash shield to fender support.
- (7) Separate wheelhouse splash shield from vehicle.

INSTALLATION

Reverse the preceding operation.

**Fig. 10 Right Front Wheelhouse Splash Shield****DOOR****REMOVAL**

NOTE: The retaining clips used on the door hinge pins are not to be re-used. Verify availability prior to proceeding.

- (1) Open and support door on a suitable lifting device.
- (2) Disengage wire connector at hinge pillar.
- (3) Remove bolts holding door check strap to hinge pillar.
- (4) Remove clip holding hinge pin in lower door hinge.
- (5) Remove pin from lower hinge (Fig. 11).
- (6) Remove clip holding hinge pin in upper hinge.
- (7) Remove pin from upper hinge (Fig. 11).
- (8) Separate door from vehicle.

INSTALLATION

- (1) Apply Mopar® Multimileage Grease to inside of door hinge bushings.
- (2) Position door on vehicle and install pin in upper hinge. Align knurling on hinge pin with the grooves in the door hinge prior to driving in the hinge pin.
- (3) Install pin in lower hinge.

NOTE: Verify that head of each hinge pin is fully seated into door hinge.

- (4) Install new clip holding hinge pin in upper hinge.

REMOVAL AND INSTALLATION (Continued)

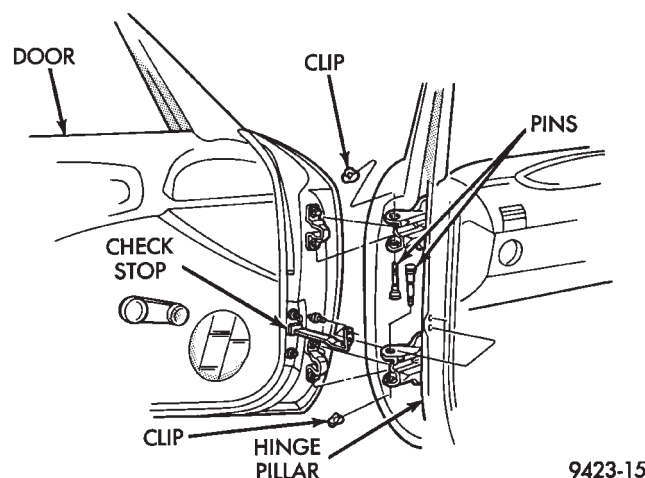


Fig. 11 Door—Typical

- (5) Install new clip holding pin in lower hinge.
- (6) Install bolts holding door check strap to hinge pillar.
- (7) Engage wire connector at hinge pillar.

DOOR HINGE

NOTE: If both hinges on one door are to be replaced, remove and install one hinge completely prior to beginning the second hinge.

REMOVAL

- (1) Open and support door on a suitable lifting device.
- (2) Remove bolts holding door check strap to lower A-pillar for greater access, if necessary.
- (3) Mark position of hinge on both the door end frame and lower A-pillar to ease installation.
- (4) Remove bolts holding hinge to door end frame (Fig. 12).
- (5) Remove bolts holding hinge to lower A-pillar.
- (6) Separate door hinge from vehicle.

INSTALLATION

CAUTION: When installing a new hinge, make sure that the head of each hinge pin is fully seated into the door hinge. Also, remove the plastic shipping clip and replace it with the correct metal retaining clip once the hinge pin is seated.

- (1) If necessary, paint new door hinge prior to installation.
- (2) Position door hinge on vehicle.
- (3) Loosely install bolts holding hinge to lower A-pillar.
- (4) Loosely install bolts holding hinge to door end frame.

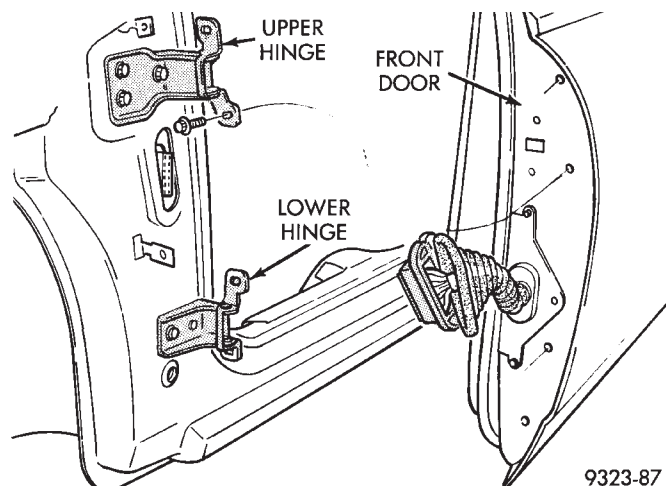


Fig. 12 Door and Hinge—Typical

- (5) Align hinge to marks made previously and tighten all bolts.
- (6) Install bolts holding door check strap to lower A-pillar, if removed previously.
- (7) Verify door fit and operation. Adjust door hinge for proper door alignment, if necessary.

DOOR GLASS

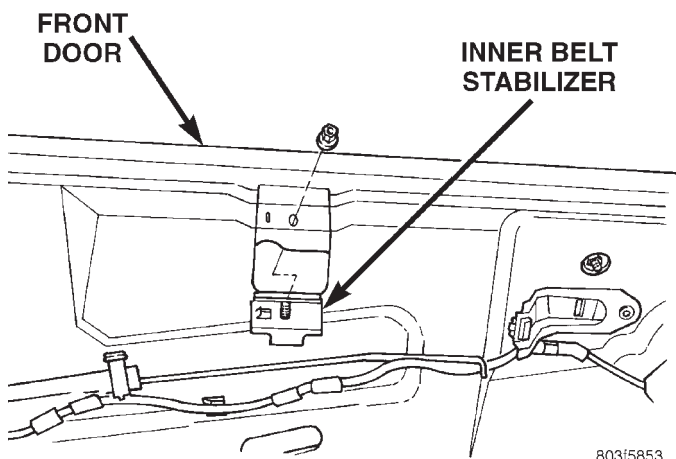
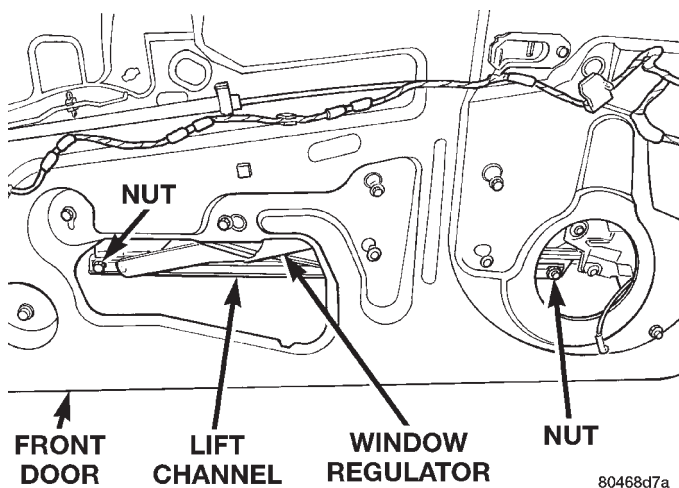
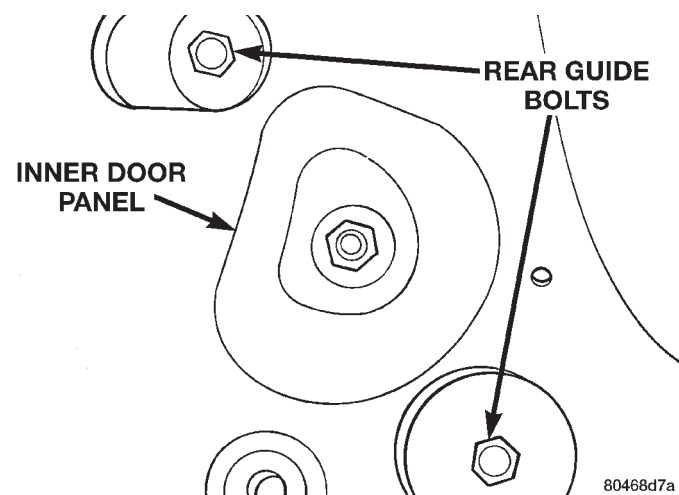
REMOVAL

- (1) Remove door trim panel and watershield.
- (2) Remove inner door belt weatherstrip.
- (3) Loosen inner belt stabilizer (Fig. 13).
- (4) Remove door speaker, if so equipped.
- (5) Lower door glass to access glass attachment bolts.
- (6) Remove bolts holding regulator lift channel to door glass (Fig. 14).
- (7) Remove bolts holding rear guide plate to door glass (Fig. 15).
- (8) Separate rear guide plate from door glass.
- (9) Lift door glass upward and out of opening at top of door (Fig. 16).

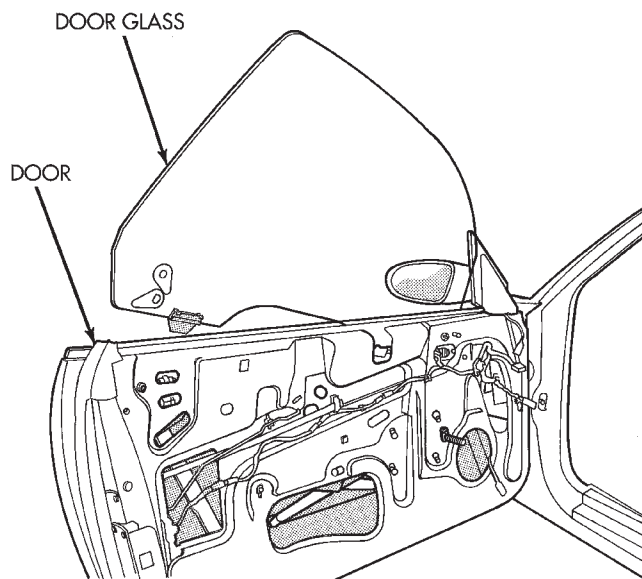
INSTALLATION

- (1) Carefully lower door glass through opening in top of door. Verify that the front edge of the glass is in the mirror flag glass channel.
- (2) Position rear guide plate onto door glass and install bolts.
- (3) Install nuts holding regulator lift channel to door glass.
- (4) Tighten all door glass fasteners.
- (5) Install door speaker, if so equipped.
- (6) Tighten window inner belt stabilizer.
- (7) Install inner door belt weatherstrip.
- (8) Install door trim panel and watershield.

REMOVAL AND INSTALLATION (Continued)

**Fig. 13 Inner Belt Stabilizer****Fig. 14 Regulator Lift Channel****Fig. 15 Rear Guide Bolts****WINDOW REGULATOR**

NOTE: For power window motor service procedures, refer to Group 8S, Power Windows.

**Fig. 16 Door Glass—Typical****REMOVAL**

- (1) Remove door trim panel and water shield.
- (2) Disconnect wire connector to power window motor.
- (3) Remove nuts holding regulator lift channel to door glass (Fig. 17).
- (4) Secure door glass in upward position.
- (5) Mark position of rear bolt of roller channel to inner door panel to aid in installation.
- (6) Remove bolt holding rear of roller channel to door panel.
- (7) Loosen bolt holding front of roller channel to door panel.
- (8) Separate roller channel from door panel (Fig. 18).
- (9) Loosen bolts holding window regulator to inner door panel reinforcement.
- (10) Separate bolt heads from key-hole slots in inner door panel.
- (11) Remove window regulator through large hole in inner door panel (Fig. 19).
- (12) Remove power window motor from regulator. Refer to Group 8S, Power Windows, for motor procedure.

INSTALLATION

- (1) Install power window motor on regulator. Refer to group 8S, Power Windows, for motor procedures.
- (2) Move window regulator into position in door and engage bolt heads into key-hole slots in inner door panel reinforcement and tighten bolts.
- (3) Install roller channel to door panel.

REMOVAL AND INSTALLATION (Continued)

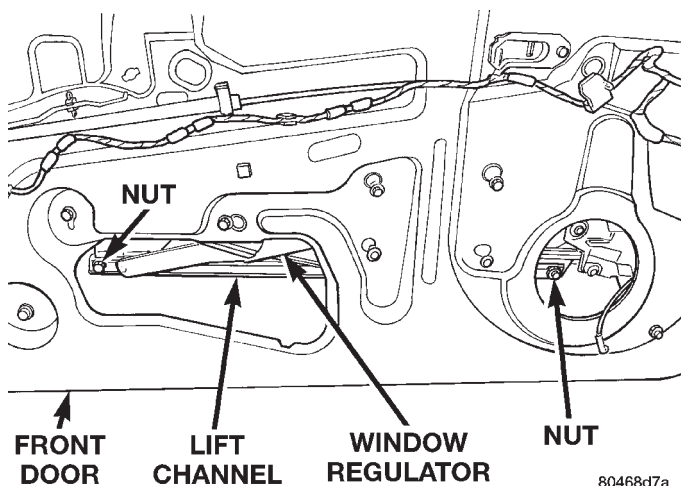


Fig. 17 Regulator Lift Channel

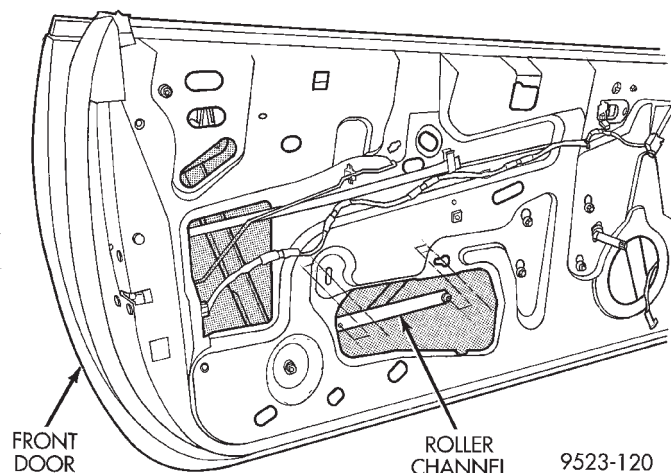


Fig. 18 Roller Channel

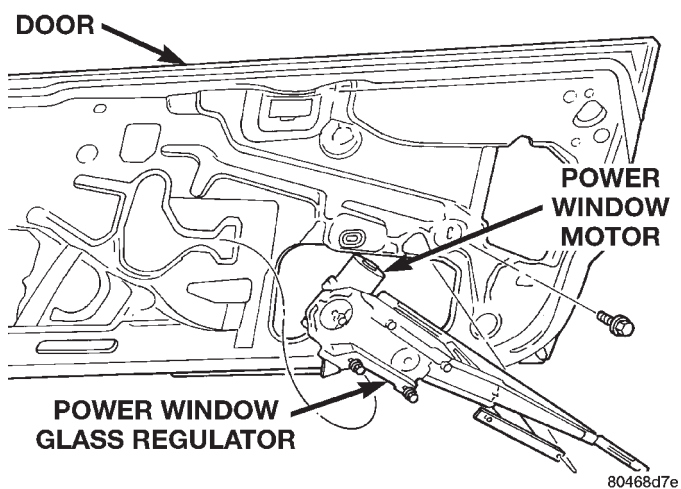


Fig. 19 Power Window Regulator

- (4) Install bolt at rear of roller channel. Make sure that bolt is aligned to mark on inner door panel made previously.
- (5) Tighten front and rear bolts of roller channel.

- (6) Install nuts holding regulator lift channel to door glass.
- (7) Verify glass fit and operation. Adjust door glass, if necessary.
- (8) Connect wire connector to power window motor.
- (9) Install door trim panel and water shield.

WINDOW INNER BELT STABILIZER

REMOVAL

- (1) Remove door trim panel.
- (2) Remove nut holding inner belt stabilizer to door panel.
- (3) Separate inner belt stabilizer from door. (Fig. 20)

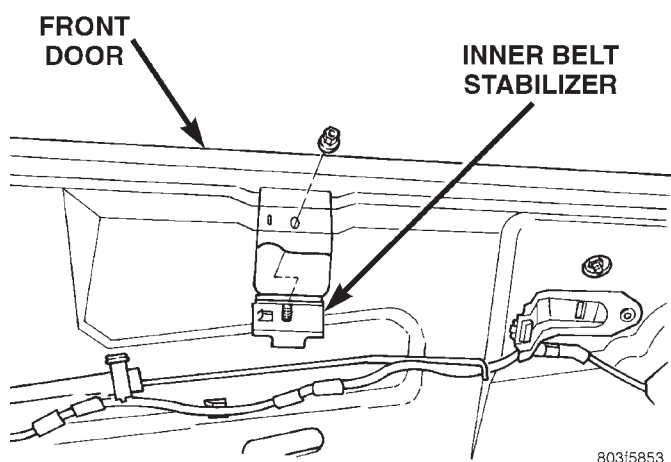


Fig. 20 Inner Belt Stabilizer

INSTALLATION

Reverse the preceding operation. Adjust inner belt stabilizer against glass with enough tension to allow free up and down movement.

REAR VERTICAL GUIDE BAR

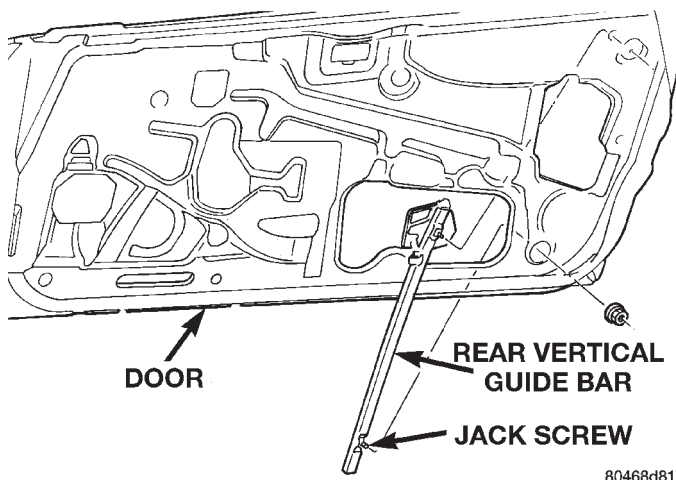
REMOVAL

- (1) Remove door trim panel and watershield.
- (2) Remove nut holding top of guide bar to inner door panel.
- (3) Using a suitable allen-wrench, hold jack screw stationary while removing nut holding bottom of guide bar to inner door panel.
- (4) Separate guide bar from vehicle and remove through access hole in inner door panel (Fig. 21).

INSTALLATION

- (1) If a new guide bar is being installed, preset bottom jack screw using old guide bar as a reference.
- (2) Position rear guide bar on vehicle.
- (3) Using a suitable allen-wrench, hold jack screw stationary while installing nut holding bottom of guide bar to inner door panel.

REMOVAL AND INSTALLATION (Continued)

**Fig. 21 Rear Vertical Guide Bar**

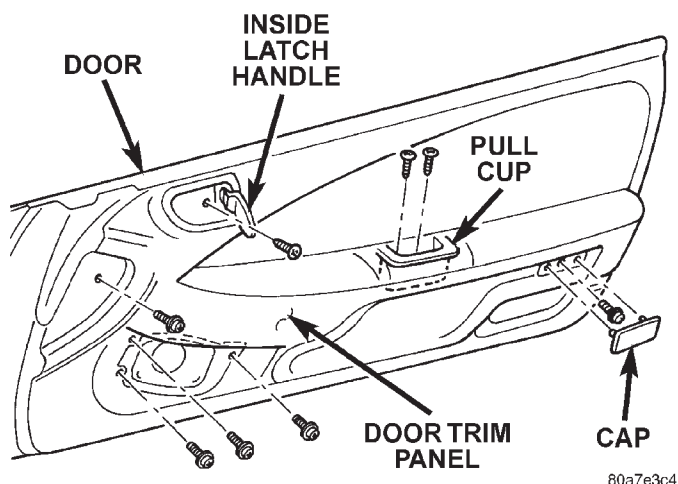
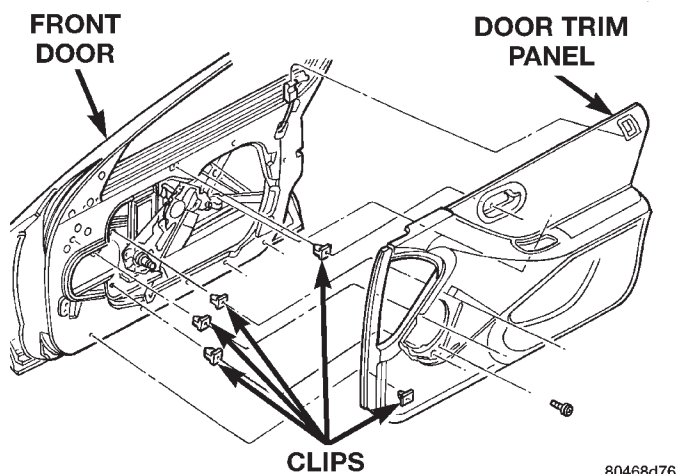
- (4) Install nut holding top of rear guide bar to inner door panel.
- (5) Verify glass fit and operation. Adjust door glass as necessary.
- (6) Install door trim panel and watershield.

DOOR TRIM PANEL**REMOVAL**

- (1) Roll door glass down.
- (2) Disengage clips holding speaker grille to door trim panel.
- (3) Remove screws holding door trim panel to door (Fig. 22).
- (4) Disengage clips holding perimeter of trim panel to door (Fig. 23).
- (5) Lift trim panel upward and disengage trim panel from upper retainer channel.
- (6) Tilt trim panel away from door.
- (7) Disengage clip holding latch linkage to back of inside door handle.
- (8) Disconnect electrical connectors as necessary.
- (9) Separate door trim panel from door.

INSTALLATION

- (1) Position door trim panel next to door.
- (2) Connect electrical connectors as necessary.
- (3) Engage clip holding latch linkage to inside door handle.
- (4) Position door trim panel on door and engage trim panel to upper retainer channel.
- (5) Engage clips holding perimeter of trim panel to door.
- (6) Install screws holding trim panel to door.
- (7) Engage clips holding speaker grille to door trim panel.

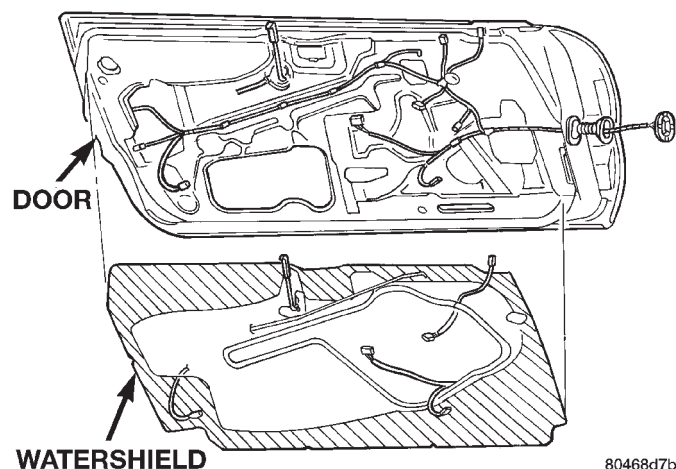
**Fig. 22 Door Trim Panel Screws****Fig. 23 Door Trim Panel Clips****DOOR WATERSHIELD****REMOVAL**

- (1) Remove door trim panel.
- (2) Remove door speaker, if equipped.
- (3) Remove door trim pull cup mount bracket.
- (4) Disengage clip holding lock linkage to lock button bell crank.
- (5) Peel watershield away from adhesive around perimeter of inner door panel (Fig. 24).

INSTALLATION

- (1) Insure that enough adhesive remains to securely retain the watershield. Replace as necessary.
- (2) Place the watershield into position and press securely to adhesive making sure to properly route wiring and linkages.
- (3) Engage clip holding lock linkage to lock button bell-crank.
- (4) Install door trim pull cup mount bracket.
- (5) Install door speaker, if equipped.
- (6) Install door trim panel.

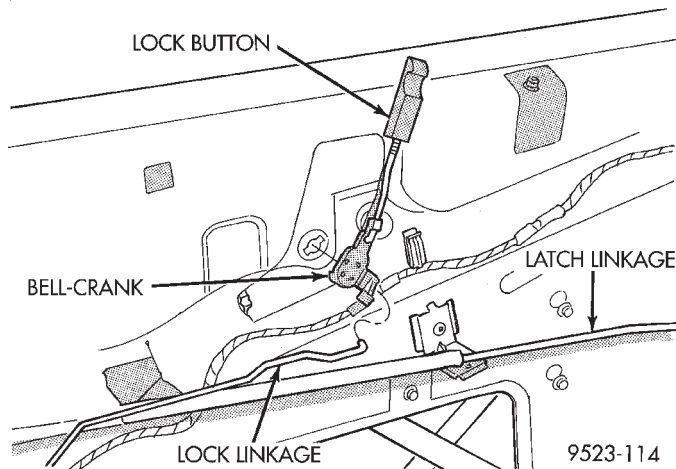
REMOVAL AND INSTALLATION (Continued)



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Fig. 24 Door Watershield**LOCK BUTTON BELL-CRANK****REMOVAL**

- (1) Remove door trim panel.
- (2) Disengage clip holding lock linkage to bell-crank.
- (3) Rotate bell-crank until retaining ears align with slots in door panel.
- (4) Separate bell-crank from door (Fig. 25).



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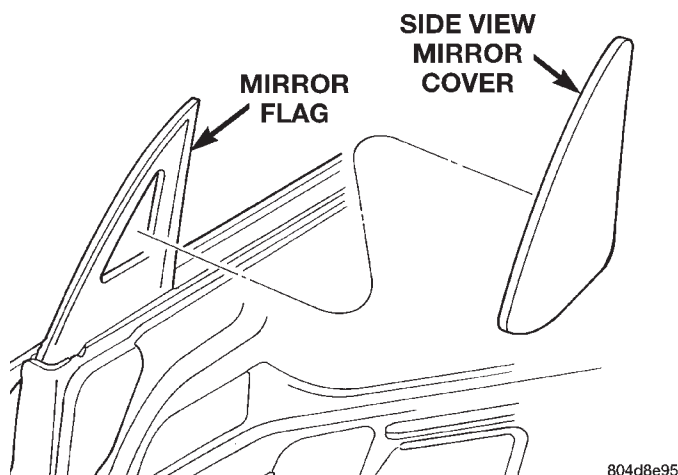
Fig. 25 Lock Button Bell-Crank—Typical**INSTALLATION**

Reverse the preceding operation.

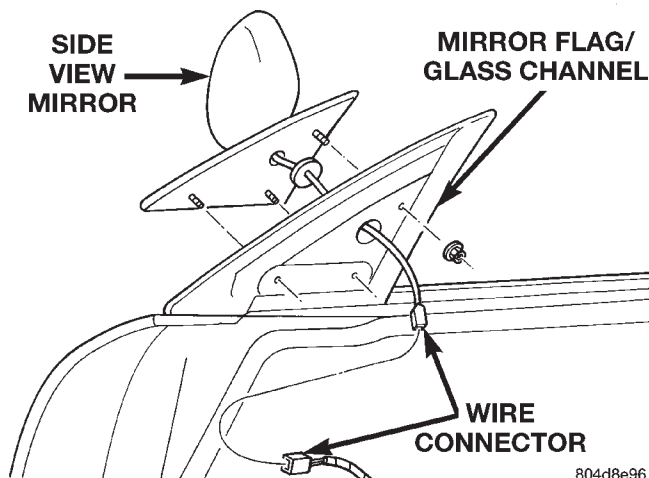
SIDE VIEW MIRROR**REMOVAL**

- (1) Remove side view mirror cover (Fig. 26).
- (2) If vehicle is equipped with power mirrors, remove the door trim panel.
- (3) Disengage power window mirror motor wire connector, if so equipped.

- (4) Disengage wire harness grommet from mirror flag, if so equipped.
- (5) Remove nuts holding side view mirror to mirror flag (Fig. 27).
- (6) Separate side view mirror from vehicle.



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Fig. 26 Side View Mirror Cover

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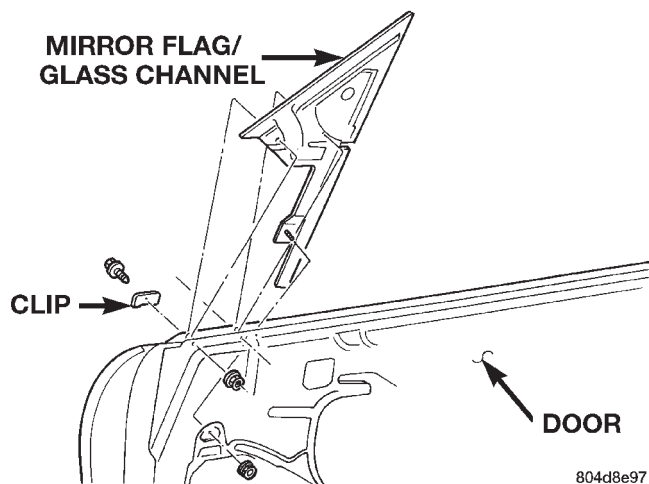
Fig. 27 Side View Mirror**INSTALLATION**

- (1) Feed power mirror wire harness through hole in mirror flag and seat grommet. Do not pull on wire harness to seat grommet.
- (2) Position side view mirror to vehicle.
- (3) Install nuts holding side view mirror to mirror flag.
- (4) Engage push-in fastener holding power mirror wire connector to inner door panel, if so equipped.
- (5) Engage power mirror motor wire connector, if so equipped.
- (6) Install side view mirror cover.

REMOVAL AND INSTALLATION (Continued)

SIDE VIEW MIRROR FLAG/DOOR GLASS CHANNEL**REMOVAL**

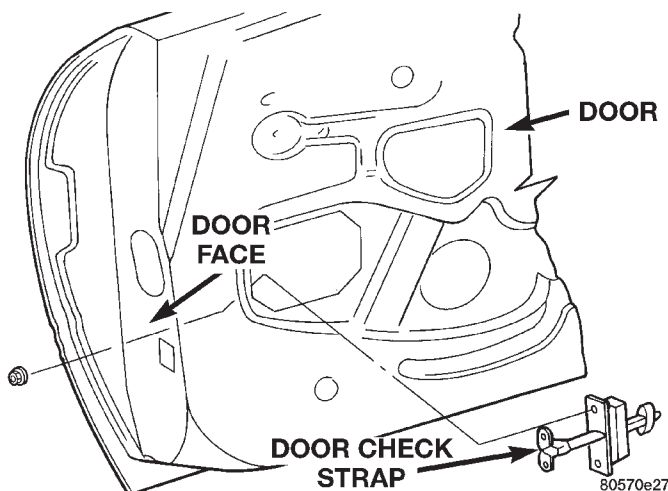
- (1) Remove side view mirror.
- (2) Remove door trim panel.
- (3) Remove door glass.
- (4) Remove door outer belt weatherstrip.
- (5) Remove screws holding mirror flag/door glass channel to outer door panel (Fig. 28).
- (6) Remove nut holding top of mirror flag/door glass channel to inner door panel.
- (7) Using a suitable allen-wrench, hold jack screw stationary while removing nut holding bottom of mirror flag/door glass channel to inner door panel.
- (8) Separate from vehicle and remove through opening in top of door.

**Fig. 28 Side View Mirror Flag/Door Glass Channel****INSTALLATION**

- (1) If installing a new mirror flag/door glass channel, preset jack-screw using old flag/channel as a reference.
- (2) Position mirror flag/door glass channel on vehicle.
- (3) Using a suitable allen-wrench, hold jack screw stationary while installing nut holding bottom of mirror flag/door glass channel to inner door panel.
- (4) Install nut holding top of mirror flag/door glass channel to inner door panel.
- (5) Install screws holding mirror flag/door glass channel to outer door panel.
- (6) Install door outer belt weatherstrip.
- (7) Install door glass.
- (8) Install side view mirror.
- (9) Verify glass fit and operation. Adjust door glass as necessary.
- (10) Install door trim panel.

DOOR CHECK STRAP**REMOVAL**

- (1) Remove door trim panel.
- (2) Remove watershield as necessary to gain access.
- (3) Remove bolts holding check strap to lower A-pillar.
- (4) Remove bolts holding check strap to door end frame (Fig. 29).
- (5) Separate door check strap from vehicle.

**Fig. 29 Door Check Strap****INSTALLATION**

- (1) Position door check strap on vehicle.
- (2) Install bolts holding check strap to door end frame.
- (3) Install bolts holding check strap to lower A-pillar.
- (4) Install watershield.
- (5) Install door trim panel.

DOOR LATCH**REMOVAL**

- (1) Remove door trim panel and watershield.
- (2) Raise door glass.
- (3) Disconnect lock rod from lock button bellcrank.
- (4) Disengage lock and latch rods from clips on inner door panel (Fig. 30).
- (5) Disconnect lock and latch rods from outside door handle and key cylinder at door latch (Fig. 31).
- (6) Disengage wire connector from power door lock motor.
- (7) Remove screws holding door latch to door end frame (Fig. 32).
- (8) Separate door latch from vehicle.

REMOVAL AND INSTALLATION (Continued)

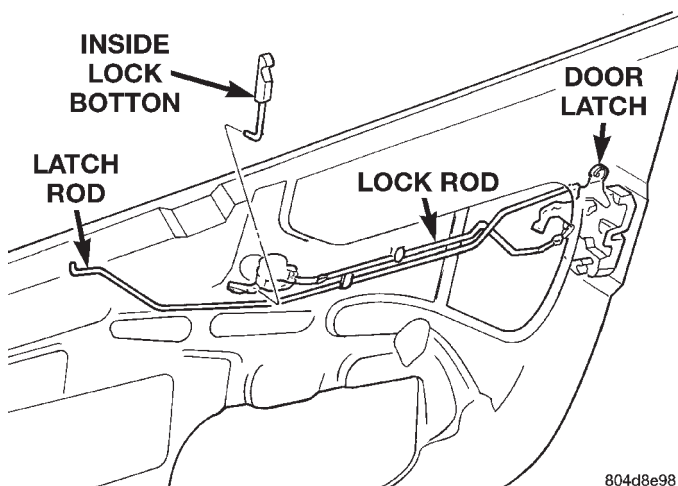


Fig. 30 Latch and Lock Rod Clips

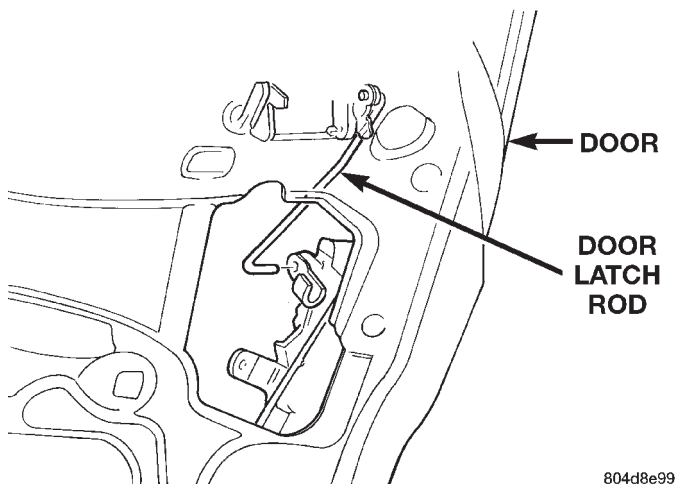


Fig. 31 Lock and Latch Rods At Door Latch

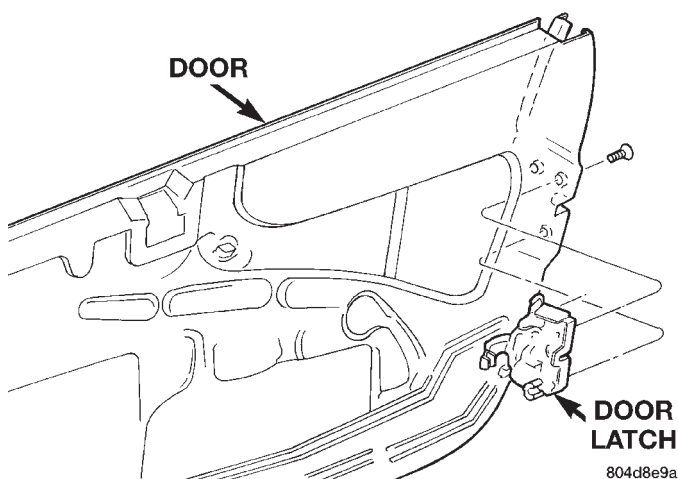


Fig. 32 Door Latch

INSTALLATION

CAUTION: Do not close door before adjusting the door latch. Door may fail to re-open.

- (1) Position door latch on vehicle.
- (2) Install screws holding door latch to door end frame.
- (3) Engage wire connector to power door lock motor.
- (4) Connect lock and latch rods from outside door handle and key cylinder at door latch.
- (5) Engage lock and latch rods to clips on inner door panel.
- (6) Connect lock rod from lock button bellcrank.
- (7) Adjust door latch.
- (8) Verify operation of door latch. Readjust if necessary.
- (9) Install door trim panel and watershield.

DOOR LOCK CYLINDER

REMOVAL

- (1) Remove outside door handle.
- (2) Remove clip holding lock cylinder to outside door panel (Fig. 33).
- (3) Disengage clip holding link to key cylinder.
- (4) Separate lock cylinder from outer door panel.

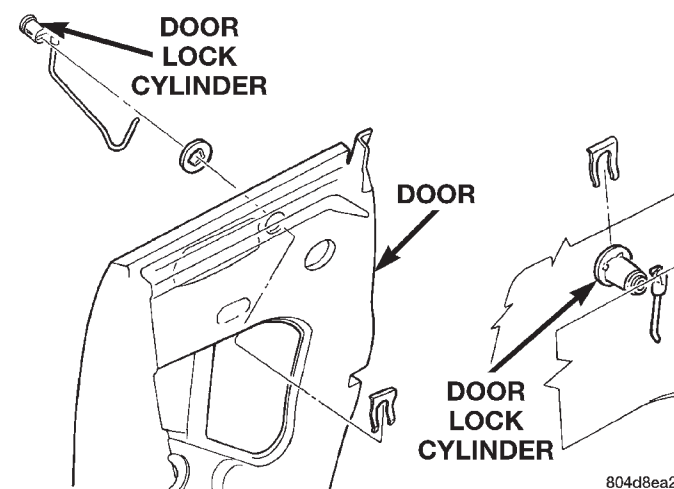


Fig. 33 Door Lock Cylinder

INSTALLATION

- (1) Position lock cylinder and gasket in door outer panel.
- (2) Install clip holding lock cylinder to outside door panel.
- (3) Engage link to key cylinder.
- (4) Install outside door handle.

DOOR LATCH STRIKER

REMOVAL

- (1) Mark outline of door latch striker on B-pillar to aid in installation.
- (2) Remove screws holding door latch striker to B-pillar (Fig. 34).
- (3) Separate latch striker from vehicle.

REMOVAL AND INSTALLATION (Continued)

NOTE: Be sure to check for any shims between door latch striker and B-pillar. If any shims are found, they must be re-installed with the new door latch striker to maintain proper door operation.

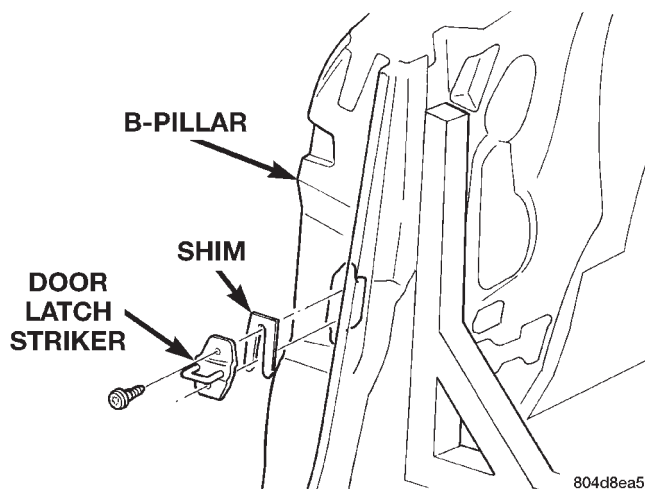


Fig. 34 Door Latch Striker

INSTALLATION

- (1) Position door latch striker and any shims on vehicle.
- (2) Loosely install screws holding latch striker to B-pillar.
- (3) Align latch striker to marks on B-pillar made previously.
- (4) Tighten all fasteners.
- (5) Verify door fit and operation. Adjust door latch striker as necessary.

OUTSIDE DOOR HANDLE**REMOVAL**

- (1) Remove door trim panel.
- (2) Raise door glass.
- (3) Remove watershield as necessary to gain access.
- (4) Disconnect latch rod at door latch.
- (5) Remove nuts holding door handle to outer door panel (Fig. 35).
- (6) Separate outside door handle from door.

INSTALLATION

- (1) Position outside door handle on door.
- (2) Install nuts holding door handle to outer door panel.
- (3) Connect latch rod at door latch.
- (4) Install watershield.
- (5) Install door trim panel.
- (6) Verify door handle operation. Adjust door latch as necessary.

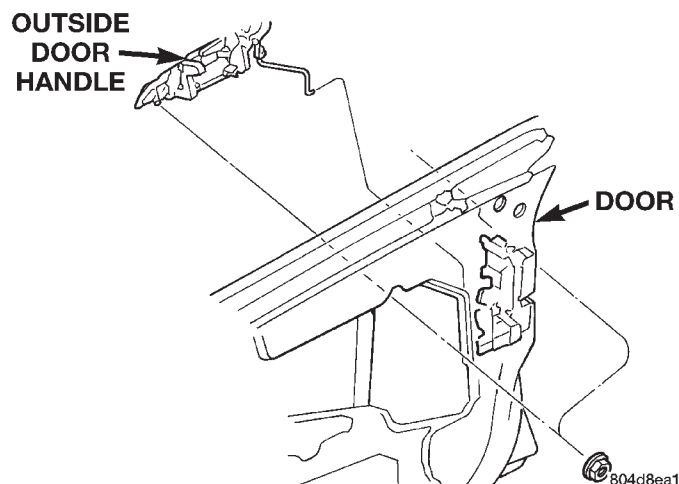


Fig. 35 Outside Door Handle

DOOR INNER BELT WEATHERSTRIP**REMOVAL**

- (1) Remove door trim panel.
- (2) Pull upward on rear edge of inner belt weatherstrip (Fig. 36).
- (3) Separate weatherstrip from vehicle.

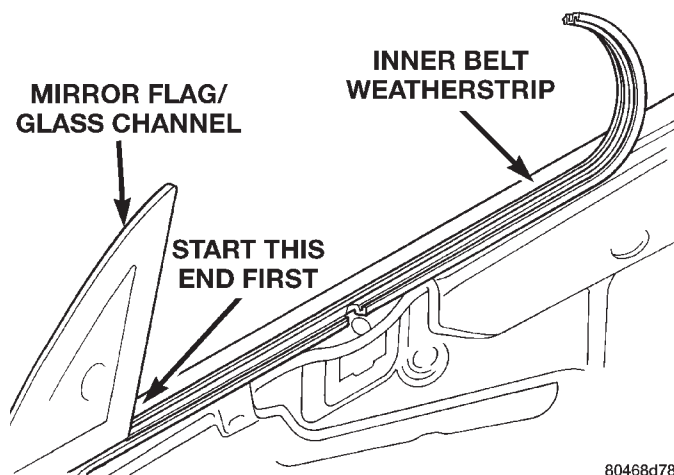


Fig. 36 Door Inner Belt Weatherstrip

INSTALLATION

- (1) Start leading edge of weatherstrip on vehicle.
- (2) Press the leading edge of the weatherstrip forward until edge is tight to the mirror flag.
- (3) Press weatherstrip into position on door panel.
- (4) Install door trim panel.

OUTER DOOR BELT WEATHERSTRIP**REMOVAL**

- (1) Remove door glass.
- (2) Remove screws holding outer belt weatherstrip to outer door panel (Fig. 37).

REMOVAL AND INSTALLATION (Continued)

- (3) Separate outer belt weatherstrip from the vehicle.

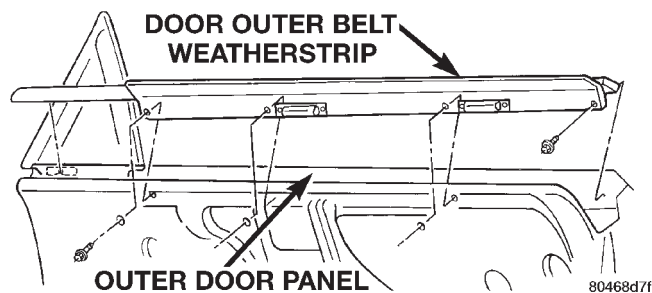


Fig. 37 Door Outer Belt Weatherstrip

INSTALLATION

- (1) Position outer belt weatherstrip on vehicle.
- (2) Install screws to hold outer weatherstrip to outer door panel.
- (3) Install door glass.

A-PILLAR WEATHERSTRIP RETAINER AND MOLDING

REMOVAL

- (1) Partially raise convertible top.
- (2) Remove header and A-pillar weatherstrip as necessary to gain access.
- (3) Remove screws holding A-pillar weatherstrip retainer to A-pillar (Fig. 38).
- (4) Separate retainer from vehicle.
- (5) Remove screws holding A-pillar molding to A-pillar.
- (6) Separate A-pillar molding from vehicle.

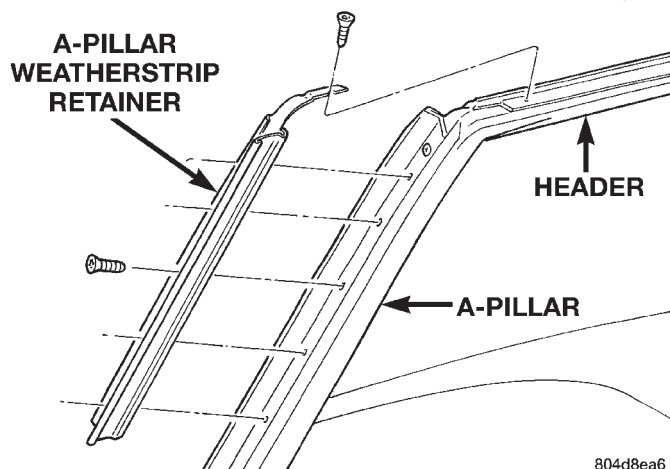


Fig. 38 A-Pillar Weatherstrip Retainer

INSTALLATION

- (1) Clean A-pillar of any seal material residue.
- (2) Position A-pillar molding to vehicle.
- (3) Install screws to hold A-pillar molding to A-pillar.

- (4) Position A-pillar weatherstrip retainer on A-pillar.

- (5) Install screws holding retainer to A-pillar. Install middle screw first and then work outward.

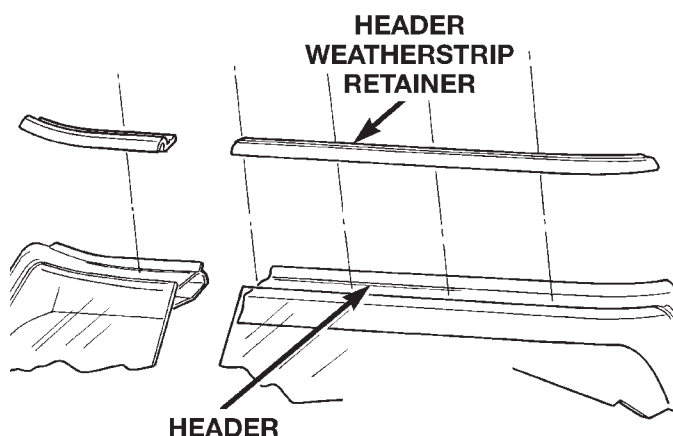
- (6) Install header and A-pillar weatherstrip.

- (7) Lower and secure convertible top.

HEADER WEATHERSTRIP RETAINER/MOLDING

REMOVAL

- (1) Partially raise convertible top.
- (2) Remove header and A-pillar weatherstrip as necessary to gain access.
- (3) Remove screws holding A-pillar weatherstrip retainer to header weatherstrip retainer.
- (4) Remove screws holding header weatherstrip retainer to header panel (Fig. 39).
- (5) Separate retainer from vehicle.



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Fig. 39 Header Weatherstrip Retainer

INSTALLATION

- (1) Clean any residual seal material from header panel.
- (2) Position header weatherstrip retainer on vehicle.
- (3) Install screws holding retainer to header panel. Install center screw first and then work outward.
- (4) Install screws holding A-pillar weatherstrip retainer to header retainer.
- (5) Install header and A-pillar weatherstrip.
- (6) Lower and secure convertible top.

HEADER/A-PILLAR WEATHERSTRIP

REMOVAL

- (1) Partially raise convertible top.
- (2) Remove inside rear view mirror.
- (3) Remove sun visors.
- (4) Remove header trim panel.
- (5) Remove both door sill trim panels.

REMOVAL AND INSTALLATION (Continued)

- (6) Remove nuts holding header and A-pillar weatherstrip at upper corners of windshield (Fig. 40).
- (7) Remove push-in fasteners at lower corners of windshield holding weatherstrip to A-pillar.
- (8) Separate header and A-pillar weatherstrip from vehicle.

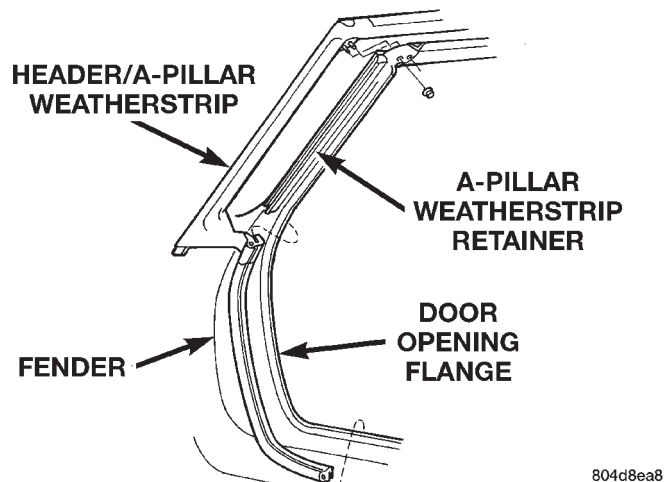


Fig. 40 Header/A-Pillar Weatherstrip

INSTALLATION

CAUTION: Ensure that the butyl patch and butyl rope at each corner of the windshield is present and in good condition (Fig. 41). The butyl is critical for the water management system. Replace as necessary.

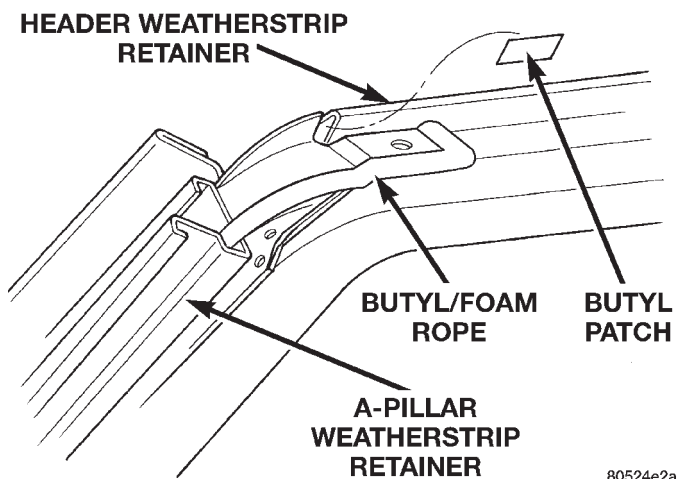


Fig. 41 Butyl Patch and Rope

- (1) Position header and A-pillar weatherstrip on vehicle.
- (2) Secure weatherstrip into retainers at header and A-pillar.
- (3) Install nuts at upper corners of windshield.
- (4) Install push-in fasteners at lower corners of windshield.
- (5) Install door sill trim panels.

- (6) Install header trim panel.
- (7) Install sun visors.
- (8) Install inside rear view mirror.
- (9) Lower and secure convertible top.

QUARTER PANEL WEATHERSTRIP

REMOVAL

- (1) Remove door sill trim panel.
- (2) Remove push-in fasteners holding weatherstrip to B-pillar.
- (3) Remove weatherstrip from door opening flange.
- (4) Separate quarter panel weatherstrip from vehicle (Fig. 42).

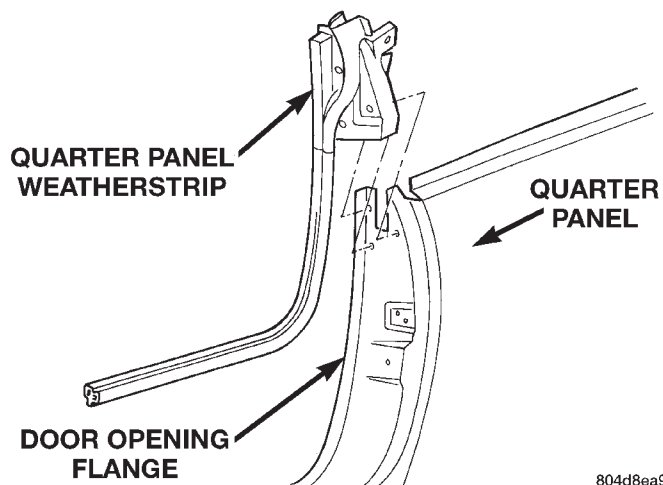


Fig. 42 Quarter Panel Weatherstrip

INSTALLATION

- (1) Position panel weatherstrip onto vehicle.
- (2) Install weatherstrip to door opening flange.
- (3) Install push-in fasteners holding weatherstrip to B-pillar.
- (4) Install door sill trim panel.

SIDE RAIL WEATHERSTRIPS

FRONT

REMOVAL

- (1) Partially raise convertible top.
- (2) Using a trim stick, special tool C-4755, separate one end of weatherstrip from retainer channel.
- (3) Separate weatherstrip from vehicle (Fig. 43).

INSTALLATION

- (1) Position weatherstrip on vehicle.
- (2) Push weatherstrip into retainer channel, aligning embossment on backside of weatherstrip to corner of retainer.
- (3) Lower convertible top.

REMOVAL AND INSTALLATION (Continued)

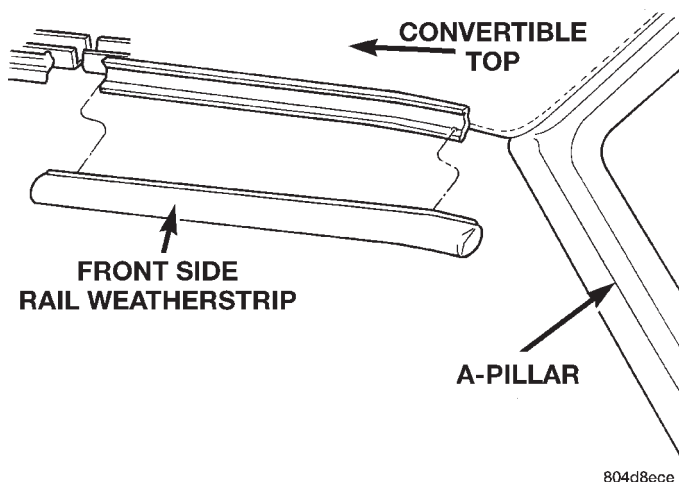


Fig. 43 Front Side Rail Weatherstrip

(4) Adjust position of weatherstrip so that weatherstrip is butted tightly against A-pillar seal and center side rail weatherstrip.

(5) Secure convertible top.

CENTER

REMOVAL

- (1) Partially raise convertible top.
- (2) Using a trim stick, special tool C-4755, separate one end of weatherstrip from retainer channel.
- (3) Separate weatherstrip from vehicle (Fig. 44).

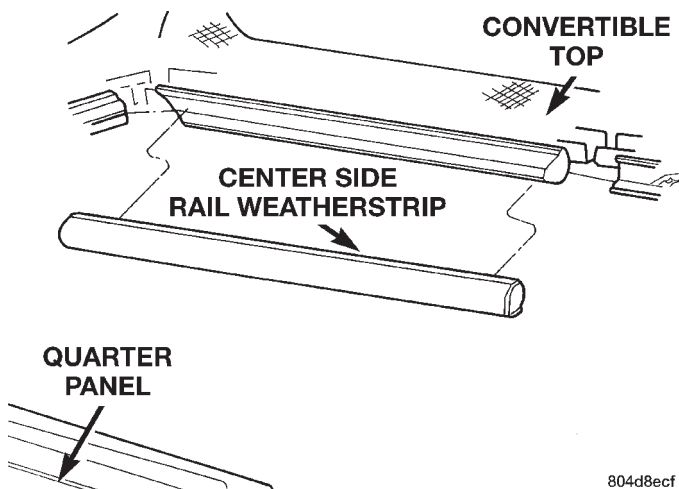


Fig. 44 Center Side Rail Weatherstrip

INSTALLATION

- (1) Position weatherstrip on vehicle.
- (2) Push weatherstrip into retainer channel, aligning embossment on backside of weatherstrip to corner of retainer.
- (3) Lower convertible top.
- (4) Adjust position of weatherstrip so that weatherstrip is butted tightly against front and rear side rail weatherstrips.

(5) Secure convertible top.

REAR

REMOVAL

- (1) Partially raise convertible top.
- (2) Using a trim stick, special tool C-4755, separate one end of weatherstrip from retainer channel.
- (3) Separate weatherstrip from vehicle (Fig. 45).

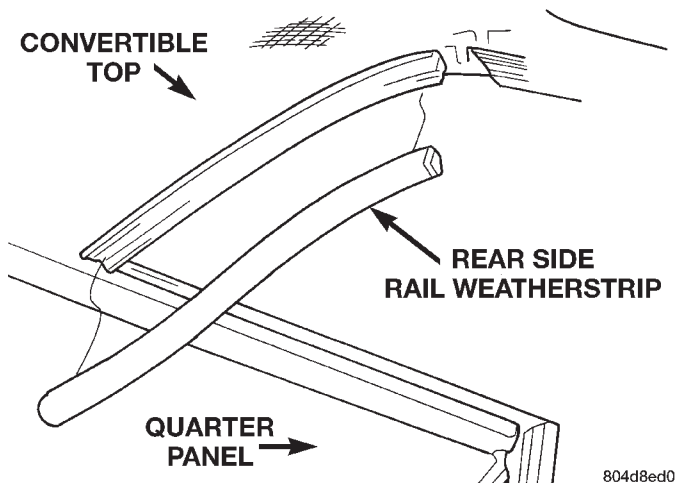


Fig. 45 Rear Side Rail Weatherstrip

INSTALLATION

- (1) Position weatherstrip on vehicle.
- (2) Push weatherstrip into retainer channel, aligning embossment on backside of weatherstrip to corner of retainer.
- (3) Lower convertible top.
- (4) Adjust position of weatherstrip so that weatherstrip is butted tightly against quarter panel and center side rail weatherstrip.
- (5) Secure convertible top.

SUN VISOR

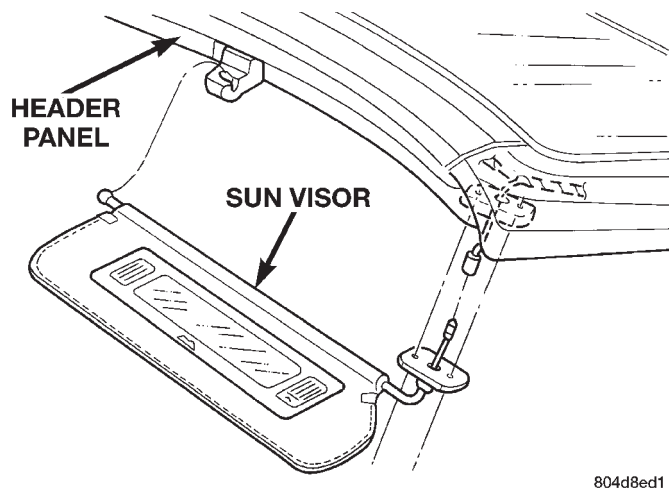
REMOVAL

- (1) Disengage sun visor from sun visor support.
- (2) Remove screws holding sun visor to header panel.
- (3) Disconnect lighted vanity mirror and universal garage door opener wiring, if so equipped.
- (4) Separate sun visor from vehicle (Fig. 46).

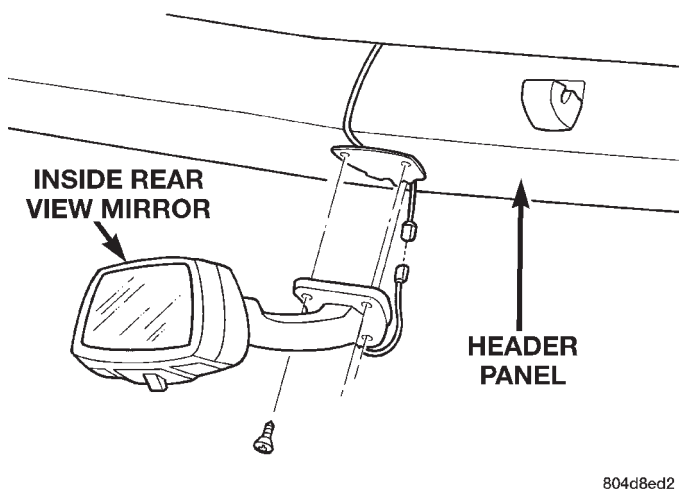
INSTALLATION

- (1) Position sun visor to vehicle.
- (2) Connect lighted vanity mirror and universal garage door opener wiring, if so equipped.
- (3) Install screws holding sun visor to header panel.
- (4) Engage sun visor to sun visor support

REMOVAL AND INSTALLATION (Continued)

**Fig. 46 Sun Visor****INSIDE REAR VIEW MIRROR****REMOVAL**

- (1) Remove screws holding inside rear view mirror to header panel.
- (2) Disconnect wire connector to rear view mirror, if so equipped.
- (3) Separate rear view mirror from vehicle (Fig. 47)

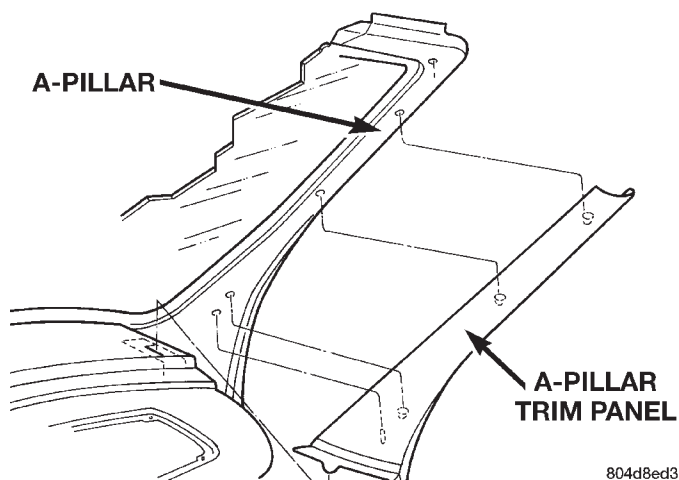
**Fig. 47 Inside Rear View Mirror****INSTALLATION**

- (1) Position inside rear view mirror to vehicle.
- (2) Connect wire connector to rear view mirror, if so equipped.
- (3) Install screws holding rear view mirror to header panel.

A-PILLAR TRIM PANEL**REMOVAL**

- (1) Disengage clips holding A-pillar trim panel to A-pillar.

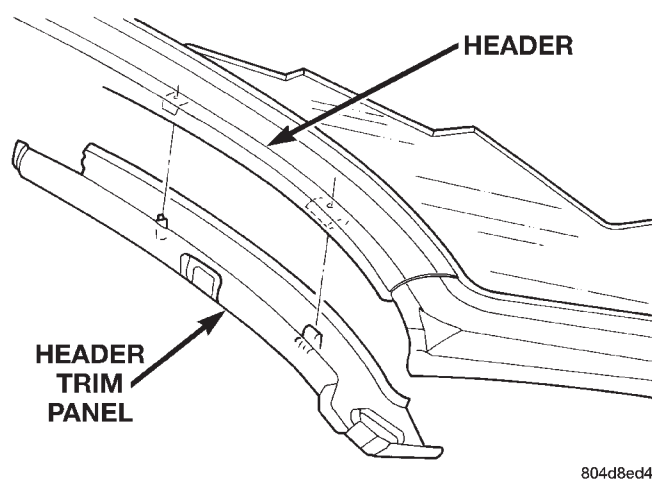
- (2) Separate trim panel from vehicle (Fig. 48).

**Fig. 48 A-Pillar Trim Panel****INSTALLATION**

- (1) Position trim panel near A-pillar.
- (2) Align locating pins on back side of trim panel to holes in A-pillar.
- (3) Press clips on A-pillar trim panel into slots in A-pillar.

HEADER TRIM PANEL—RIGHT OR LEFT**REMOVAL**

- (1) Remove sun visor.
- (2) Remove inside rear view mirror, right side only.
- (3) Disengage clip holding header trim panel to header panel.
- (4) Separate header trim panel from vehicle (Fig. 49).

**Fig. 49 Header Trim Panel****INSTALLATION**

- (1) Position header trim panel on vehicle.
- (2) Align locating pins on back side of trim panel to holes in header panel.

REMOVAL AND INSTALLATION (Continued)

- (3) Engage clip on trim panel to slots in header panel.
- (4) Install inside rear view mirror.
- (5) Install sun visor.

DOOR OPENING TRIM WELT

REMOVAL

- (1) Using trim stick, special tool C-4755, remove one end of door opening trim welt from door opening flange.
- (2) Separate welt from vehicle (Fig. 50).

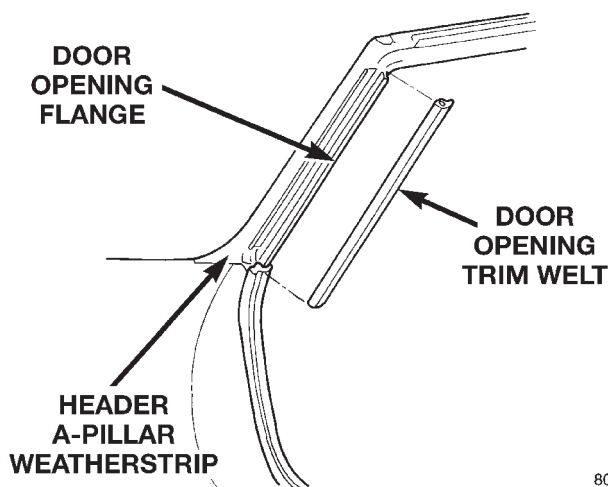


Fig. 50 Door Opening Trim Welt

INSTALLATION

- (1) Position door opening trim welt on vehicle.
- (2) Butt end of welt to edge of header/A-pillar weatherstrip.
- (3) Push door opening welt onto door opening flange.

COWL TRIM PANEL

REMOVAL

- (1) Remove door sill trim panel.
- (2) Remove screws holding cowl trim panel to inner cowl panel.
- (3) Separate cowl trim panel from vehicle (Fig. 51).

INSTALLATION

- (1) Position cowl trim panel to vehicle.
- (2) Install screws holding cowl trim panel to inner cowl panel.
- (3) Install door sill trim panel.

DOOR SILL TRIM PANEL

REMOVAL

- (1) Using a fork-type prying tool, disengage clips holding door sill trim panel to door sill (Fig. 52).

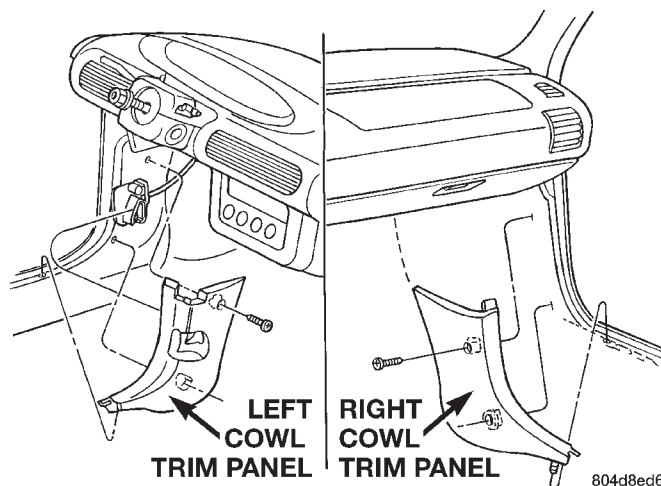


Fig. 51 Cowl Trim Panel

- (2) Starting at one end of sill trim panel, pull upward on sill trim panel in order to disengage clips holding sill trim panel to door opening flange.
- (3) Separate door sill trim panel from vehicle.

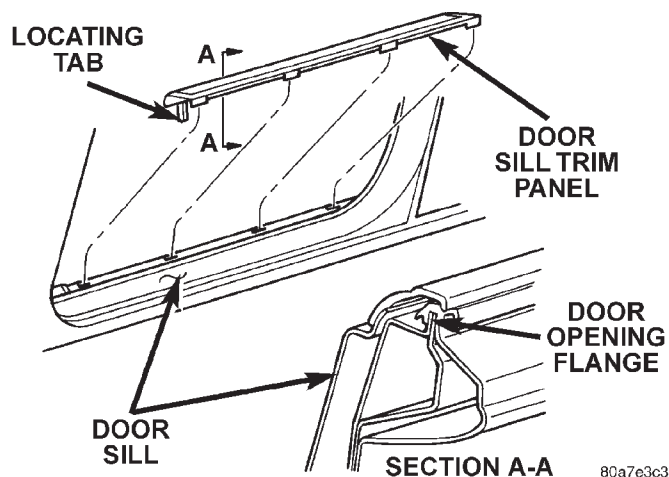


Fig. 52 Door Sill Trim Panel

INSTALLATION

- (1) Position door sill trim panel on vehicle.
- (2) Align locating rib to net against cowl trim panel.
- (3) Engage clips on sill trim panel to door opening flange.

NOTE: Check that header/A-pillar and quarter panel weatherstrips are properly positioned. Incorrect positioning will interfere with clip engagement to door opening flange and damage door sill trim panel.

- (4) Engage clips holding sill trim panel to door sill.

REMOVAL AND INSTALLATION (Continued)

MANUAL FRONT SEAT

REMOVAL

- (1) Position seat in full rearward position.
- (2) Remove front inboard and outboard bolts holding seat to floor pan crossmember (Fig. 53).
- (3) Move seat to full forward position.
- (4) Remove rear inboard bolt holding seat to floor pan.
- (5) Remove rear outboard bolts holding seat to side sill pylon.
- (6) Tilt seat forward and disconnect wire connector to seat belt retractor.
- (7) Separate seat from vehicle.

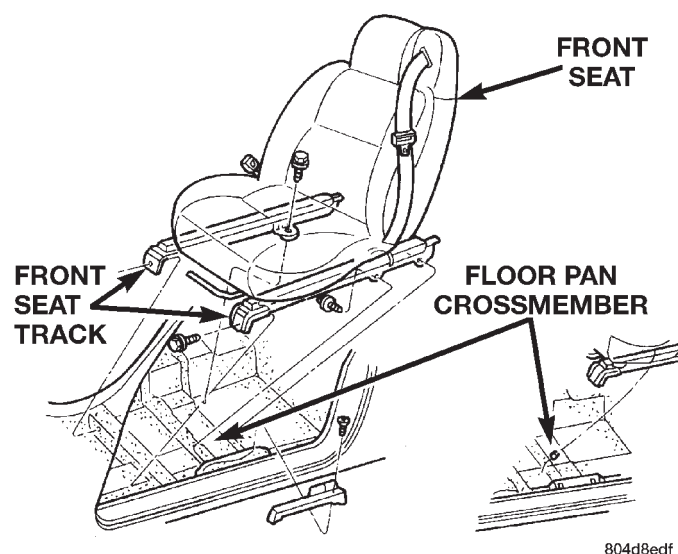


Fig. 53 Front Seat

INSTALLATION

CAUTION: It is important that the following steps be done correctly to insure that the seat tracks are properly timed prior to securing the seats to the vehicle.

- (1) Adjust seat back to vertical position using either recliner handle.

NOTE: Do not grab either recliner handle or towel bar when handling seat. The seat tracks are spring loaded and will release.

- (2) Turn seat on its side with the bottom of the seat facing so that the seat tracks can be seen.
- (3) Securely grasp the spring loaded track and while lifting the towel bar, allow the seat track to move to the full rearward position. The seat track is in the full rearward position if the first and last latch pins are engaged into the seat track.

- (4) Position the other seat track in the full rearward position. The first and last latch pins should also be engaged.
- (5) Return seat to upright position.
- (6) Position seat in vehicle.
- (7) Tilt seat forward and connect wire connector to seat belt retractor.
- (8) Push downward on seat cushion to ensure that the front mounting brackets are fully seated to floor pan crossmember.
- (9) Install and tighten rear outboard bolt holding seat to side sill pylon.
- (10) Install and tighten forward rear outboard bolt holding seat to side sill pylon.
- (11) Install and tighten rear inboard bolt holding seat to floor pan.
- (12) Move seat to full rearward position. Push rearward slightly on seat to ensure that the adjuster latches are engaged on both seat tracks.
- (13) Install and tighten front inboard bolt holding seat to floor pan crossmember.
- (14) Install and tighten front outboard bolt holding seat to floor pan crossmember.

NOTE: Torque specification for all seat retaining bolts is 61 N·m (45 ft. lbs.).

POWER FRONT SEAT

REMOVAL

- (1) Position seat in full rearward position.
- (2) Remove front inboard and outboard bolts holding seat to floor pan crossmember (Fig. 53).
- (3) Move seat to full forward position.
- (4) Remove rear inboard bolt holding seat to floor pan.
- (5) Remove rear outboard bolts holding seat to side sill pylon.
- (6) Tilt seat forward and disconnect wire connector to seat belt retractor and power seat mechanism.
- (7) Separate seat from vehicle.

INSTALLATION

- (1) Adjust seat back to vertical position using either recliner handle.
- (2) Position seat in vehicle.
- (3) Tilt seat forward and connect wire connector to seat belt retractor and power seat mechanism.
- (4) Push downward on seat cushion to ensure that the front mounting brackets are fully seated to floor pan crossmember.
- (5) Use power seat switch to move seat to full forward position.
- (6) Install and tighten rear outboard bolt holding seat to side sill pylon.

REMOVAL AND INSTALLATION (Continued)

- (7) Install and tighten center outboard bolt holding seat to side sill pylon.
- (8) Install and tighten rear inboard bolt holding seat to floor pan.
- (9) Use power seat switch to move seat to full rearward position.
- (10) Install and tighten front inboard bolt holding seat to floor pan crossmember.
- (11) Install and tighten front outboard bolt holding seat to floor pan crossmember.

NOTE: Torque specification for all seat retaining bolts is 61 N·m (45 ft. lbs.).

FRONT SEAT BELT AND RETRACTOR

REMOVAL

- (1) Remove seat from vehicle. Refer to appropriate seat procedure.
- (2) Remove seat side shield. Refer to procedure found in this section.

NOTE: The torque prevailing nut used to secure the lower seat belt anchor is not re-usable. Verify availability prior to proceeding.

- (3) Remove nut holding lower seat belt anchor to seat frame (Fig. 5).
- (4) Remove seat back cover to gain access to seat belt retractor. Refer to procedure found in this section.
- (5) Remove seat belt retractor cover (Fig. 54).
- (6) Remove and discard bolts holding seat belt retractor to seat frame.

CAUTION: Do not re-use the bolts holding the seat belt retractor to the seat frame.

- (7) Separate seat belt retractor from seat frame.
- (8) Disengage wire connector from seat belt retractor.

INSTALLATION

- (1) Position seat belt retractor to seat frame.
- (2) Engage wire connector to seat belt retractor.
- (3) Install new bolts to hold seat belt retractor to seat frame.

NOTE: The torque specification on the retractor bolts is 16.2 N·M (12 ft. lbs.).

- (4) Install seat belt retractor cover (Fig. 54).
- (5) Install seat cover. Refer to procedure found in this section.
- (6) Attach lower seat belt anchor to bolt on seat adjuster.

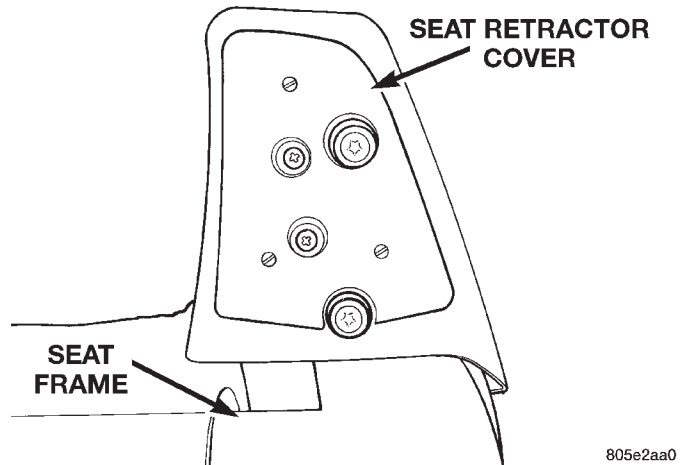


Fig. 54 Seat Belt Retractor Cover

- (7) Verify that seat belt is routed such that it will not be twisted when engaged to the seat belt buckle.
- (8) Install new nut holding lower seat belt anchor to seat frame (Fig. 5).

NOTE: The torque specification for the lower seat belt anchor nut is 45.3 N·M (33.3 ft. lbs.).

- (9) Verify that a minimum of three threads extend beyond the lower seat belt anchor nut and that the lower seat belt anchor swivels freely. If both conditions are not found, check that the bolt is fully engaged to the seat adjuster.
- (10) Install seat side shield.
- (11) Install seat in vehicle. Refer to appropriate seat procedure.

CAUTION: Failure to follow proper installation procedure may result in the seat track latch pins not being synchronized.

FRONT SEAT BELT BUCKLE

REMOVAL

NOTE: The torque prevailing nut holding the front seat belt buckle to the seat adjuster is not re-usable. Verify availability prior to proceeding.

- (1) Remove nut holding seat belt buckle to seat adjuster. Discard nut.
- (2) Separate seat belt buckle from seat.

INSTALLATION

- (1) Verify that the black spacer washer is properly installed over the shoulder of the weld nut on the seat adjuster.
- (2) Install seat belt buckle to bolt on seat adjuster.

REMOVAL AND INSTALLATION (Continued)

(3) Verify that the seat belt buckle is sitting on the shoulder of the weld nut on the seat adjuster.

(4) Install nut to hold seat belt buckle to seat adjuster.

NOTE: The torque specification for the seat belt buckle nut is 45 N·M (33 ft. lbs.).

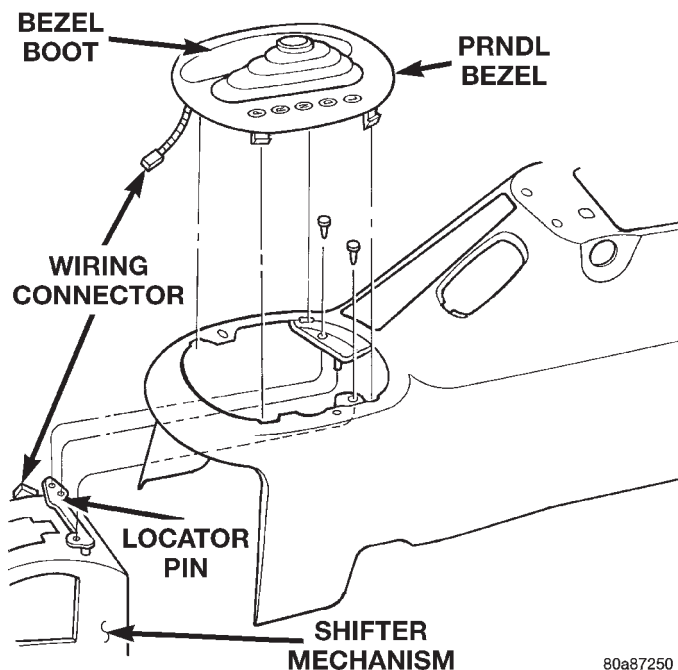
(5) Verify that a minimum of three threads extend beyond the seat belt buckle nut. If not, check that the bolt is fully engaged to the seat adjuster.

FLOOR CONSOLE

REMOVAL

- (1) Raise parking brake lever as high as possible.
- (2) Move transmission shifter to neutral position.
- (3) Loosen set screw on front of shifter knob and remove shift lever knob.
- (4) Remove plastic plunger rod from shifter lever.
- (5) Remove lighted PRNDL letter bezel.
- (6) Disconnect PRNDL bezel wire connector at the shifter mechanism.
- (7) Remove screws, next to floor shifter and in console storage compartment, holding floor console to brackets on floor pan.
- (8) Disconnect wire connector for floor console accessories at floor pan.
- (9) Separate console from vehicle.

NOTE: The grip portion of the parking brake lever will only fit through the wider lower portion of the slot in the floor console.



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Fig. 55 PRNDL Bezel

INSTALLATION

- (1) Position console in vehicle.
- (2) Connect wire connector for floor console accessories at floor pan.
- (3) Verify that the rear locator pin on the bottom of the storage bin is engaged to the slot in the body bracket and the front pin is engaged to the shift mechanism (Fig. 55).
- (4) Install screws, next to floor shifter and in console storage compartment, holding floor console to brackets on floor pan.
- (5) Connect PRNDL bezel wire connector on shifter mechanism.
- (6) Install lighted PRNDL letter bezel.
- (7) Install plastic plunger rod to shifter lever.
- (8) Install shift lever knob and tighten set screw on front of shifter knob.

FORWARD INSTRUMENT PANEL CONSOLE

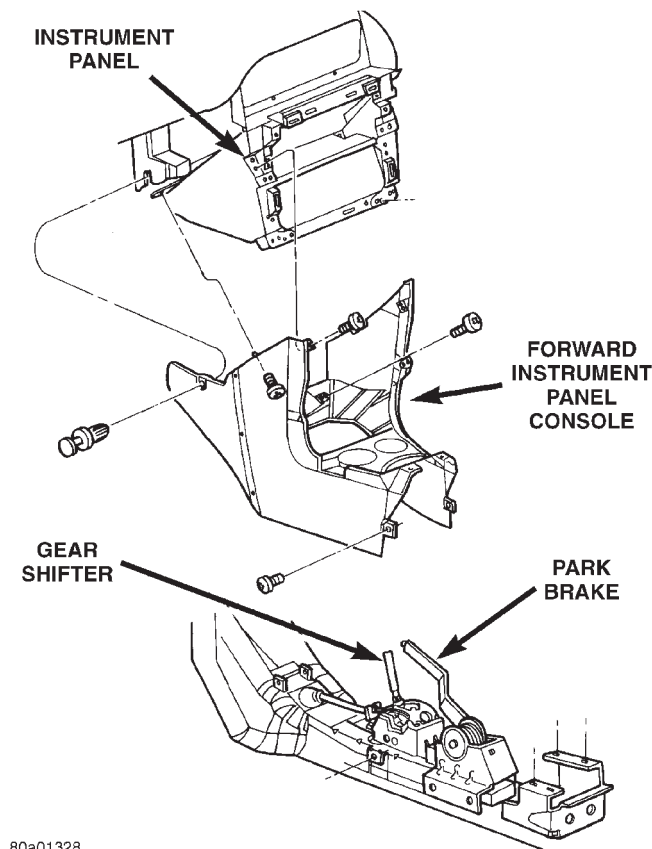
REMOVAL

- (1) Remove floor console.
- (2) Remove instrument panel cluster hood. Refer to Group 8E, Instrument Panel and Gauges, for proper procedure.
- (3) Remove instrument panel center bezel. Refer to Group 8E, Instrument Panel and Gauges, for proper procedure.
- (4) Remove left knee bolster. Refer to Group 8E, Instrument Panel and Gauges, for proper procedure.
- (5) Release glove box door catches and allow to hang downward.
- (6) Remove screws holding storage bin to forward IP console (Fig. 56).
- (7) Remove storage bin from forward IP console.
- (8) Remove screws holding forward IP console to shifter mounting bracket.
- (9) Remove screws holding forward IP console to instrument panel at sides of storage bin area.
- (10) Remove screws holding forward IP console to instrument panel support braces.
- (11) Separate forward IP console from vehicle.

INSTALLATION

- (1) Position forward IP console to vehicle.
- (2) Install screws holding forward IP console to instrument panel support braces.
- (3) Install screws holding forward IP console to instrument panel at sides of storage bin area.
- (4) Install screws holding forward IP console to shifter mounting bracket.
- (5) Install storage bin from forward IP console.
- (6) Install screws holding storage bin to forward IP console.
- (7) Release glove box door catches and allow to hang downward.

REMOVAL AND INSTALLATION (Continued)



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Fig. 56 Forward Instrument Panel Console

(8) Install left knee bolster. Refer to Group 8E, Instrument Panel and Gauges, for proper procedure.

(9) Install instrument panel center bezel. Refer to Group 8E, Instrument Panel and Gauges, for proper procedure.

(10) Install instrument panel cluster hood. Refer to Group 8E, Instrument Panel and Gauges, for proper procedure.

(11) Install floor console.

REAR SEAT CUSHION

NOTE: Special care should be taken when removing rear seat cushion to prevent damage to the cushion frame. Remove cushion at attachment areas, not at wing area.

REMOVAL

(1) Push firmly rearward and upward at one attachment point and disengage wire loops from retainers in floor pan (Fig. 57).

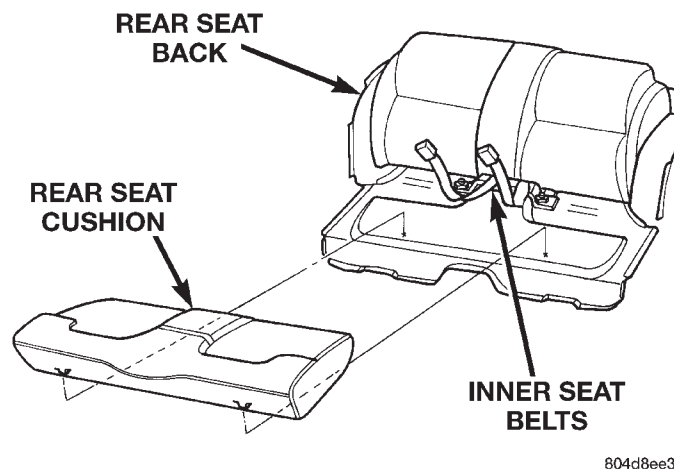
(2) Repeat for other attachment point.

(3) Separate rear seat cushion from vehicle.

INSTALLATION

(1) Position rear seat cushion in vehicle.

(2) Place inner seat belts on top of seat cushion.



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Fig. 57 Rear Seat Cushion

(3) Push seat cushion rearward and align wire loops to retainers in floor pan.

(4) Push rear seat cushion firmly downward and engage wire loops to retainers in floor pan.

REAR SEAT BACK**REMOVAL**

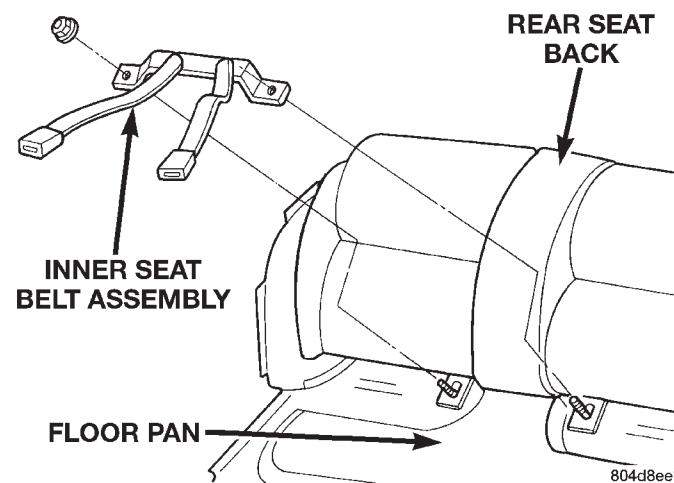
(1) Remove rear seat cushion.

(2) Remove rear inner seat belt assembly (Fig. 58).

(3) Pull bottom of rear seat back forward until seat back brackets clear studs on floor pan (Fig. 59).

(4) Push upward on rear seat back and disengage hooks holding seat back to rear seat back support.

(5) Separate rear seat back from vehicle.



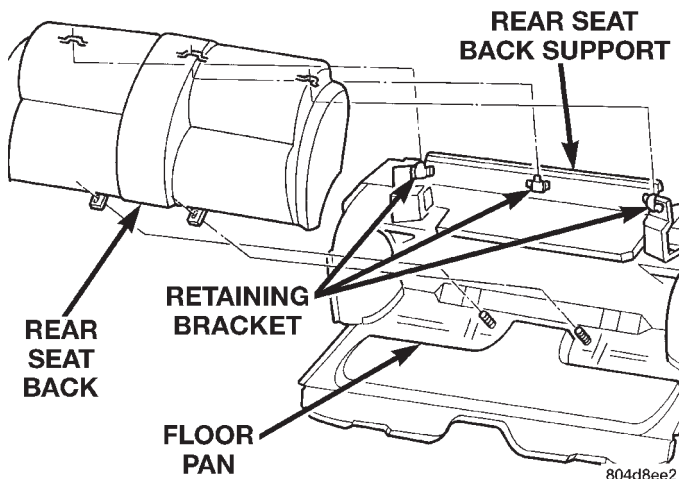
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Fig. 58 Rear Inner Seat Belt Assembly**INSTALLATION**

(1) Position rear seat back in vehicle.

(2) Tilt rear seat back rearward and raise seat back above retaining brackets on rear seat back support.

REMOVAL AND INSTALLATION (Continued)

**Fig. 59 Rear Seat Back**

(3) Lower rear seat back until center loop begins to engage.

(4) Lower rear seat back and push rearward on outboard corners of seat back to engage outboard hooks to brackets on rear seat back support.

(5) Push downward on rear seat back until all hooks are fully engaged into retaining brackets.

(6) Install rear inner seat belt assembly.

(7) Install rear seat cushion.

NOTE: Torque specification for rear inner seat belt assembly is 40 N·m (350 in. lbs.).

QUARTER TRIM PANEL**REMOVAL**

(1) Lower convertible top.
 (2) Remove rear seat cushion and rear seat back.
 (3) Remove door sill trim panel.
 (4) Remove push-in fastener holding quarter trim panel to door sill panel.

(5) Remove speaker grille (Fig. 60).
 (6) Remove vertical screws and inboard velcro screw holding quarter trim panel to inner quarter panel (Fig. 61).

(7) Remove screws holding quarter trim panel to inner quarter panel through the speaker opening.

(8) Remove screws holding quarter trim panel to inner quarter panel at rear of trim panel.

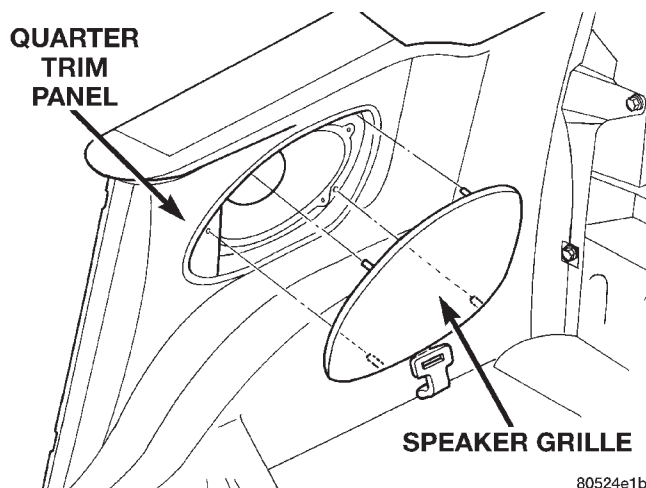
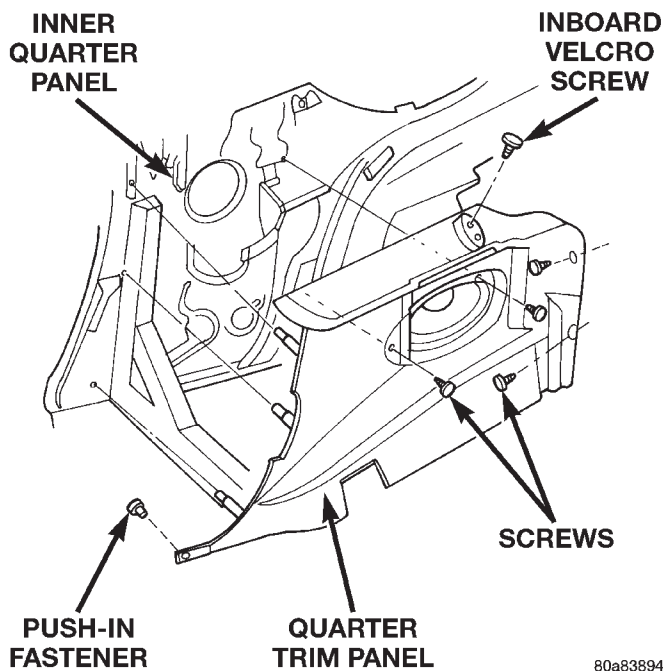
(9) Remove push-in fasteners holding quarter trim panel to inner quarter panel at front of trim panel.

(10) Pull trim panel from inner quarter panel and disconnect speaker wiring connector.

(11) Separate quarter trim panel from vehicle.

INSTALLATION

(1) Position quarter trim panel on vehicle.
 (2) Connect speaker wiring connector.

**Fig. 60 Speaker Grille****Fig. 61 Quarter Trim Panel**

(3) Install push-in fasteners holding quarter trim panel to inner quarter panel at front of trim panel.

(4) Install screws holding quarter trim panel to inner quarter panel through the speaker opening.

(5) Install vertical screws and inboard velcro screw holding quarter trim panel to inner quarter panel.

(6) Install screws holding quarter trim panel to inner quarter panel at rear of trim panel.

(7) Install push-in fastener holding quarter trim panel to door sill panel.

(8) Install door sill trim panel.

(9) Install speaker grille.

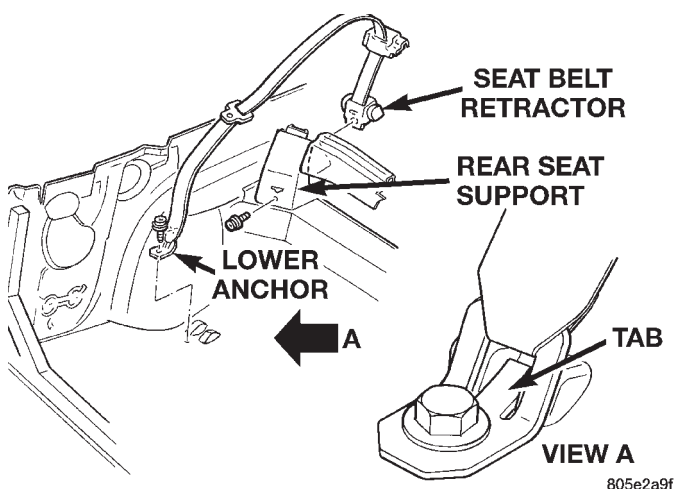
(10) Install rear seat cushion and rear seat back.

REMOVAL AND INSTALLATION (Continued)

REAR OUTER SEAT BELT AND RETRACTOR

REMOVAL

- (1) Remove rear seat cushion.
- (2) Remove rear seat back.
- (3) Remove quarter trim panel.
- (4) Remove bolt holding seat belt anchor to floor pan (Fig. 62).
- (5) Remove bolt holding seat belt retractor to rear seat support assembly.
- (6) Separate seat belt and retractor assembly from vehicle.

**Fig. 62 Rear Outer Seat Belt And Retractor**

INSTALLATION

- (1) Position seat belt and retractor assembly to rear seat support assembly.
- (2) Engage hook on seat belt retractor to slot in rear seat support assembly.
- (3) Install bolt holding seat belt retractor to rear seat support assembly.
- (4) Route seat belt through channel and snap bezel onto top of channel.
- (5) Install bolt holding seat belt anchor to floor pan.
- (6) Verify that seat belt is not twisted when engaged to seat belt buckle and that the tab on the lower seat belt anchor is between the formations on the floor pan (Fig. 62).
- (7) Install quarter trim panel.
- (8) Install rear seat back.
- (9) Install rear seat cushion.

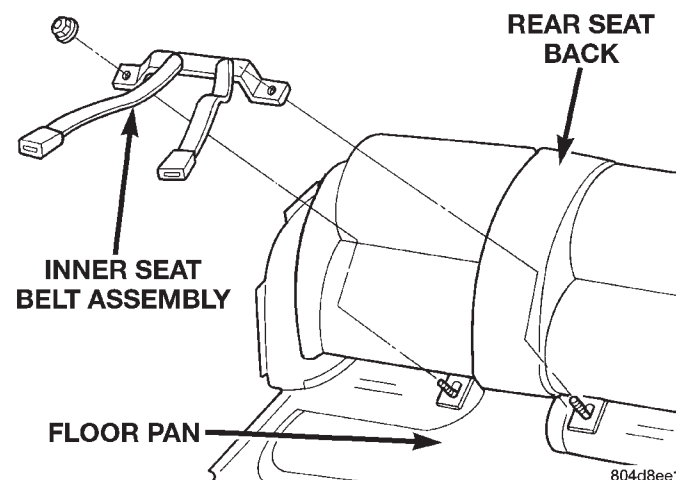
NOTE: Torque for both seat belt fasteners is 40 N·M (350 in. lbs.)

REAR INNER SEAT BELT ASSEMBLY

REMOVAL

- (1) Remove rear seat cushion.

- (2) Remove nuts holding seat belt assembly to floor pan.
- (3) Remove rear inner seat belt assembly (Fig. 63).

**Fig. 63 Rear Inner Seat Belt Assembly**

INSTALLATION

- (1) Position rear inner seat belt assembly onto studs on floor pan.
- (2) Install nuts holding seat belt assembly to floor pan.
- (3) Install rear seat cushion.

NOTE: Torque specification for rear inner seat belt assembly is 40 N·m (350 in. lbs.).

QUARTER GLASS

NOTE: No access is provided to glass fasteners except if glass is in the full up position. If this position can not be achieved, remove the quarter window module. Refer to quarter window module procedure in this section.

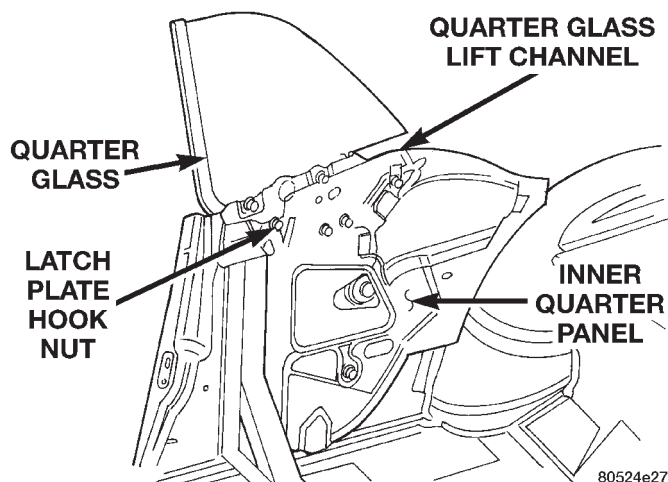
REMOVAL

- (1) Raise glass to full up position.
- (2) Remove quarter trim panel.
- (3) Partially lower convertible top.
- (4) Remove fasteners attaching glass to lift channel of quarter window module (Fig. 64).
- (5) Loosen latch plate hook nut.
- (6) Separate glass from vehicle.

INSTALLATION

- (1) Position glass in vehicle.
- (2) Loosely install fasteners holding glass to lift channel of quarter window module.
- (3) Lower and secure convertible top.
- (4) Tighten latch plate hook nut.
- (5) Adjust quarter glass as necessary. Refer to quarter glass adjustment procedure in this section.

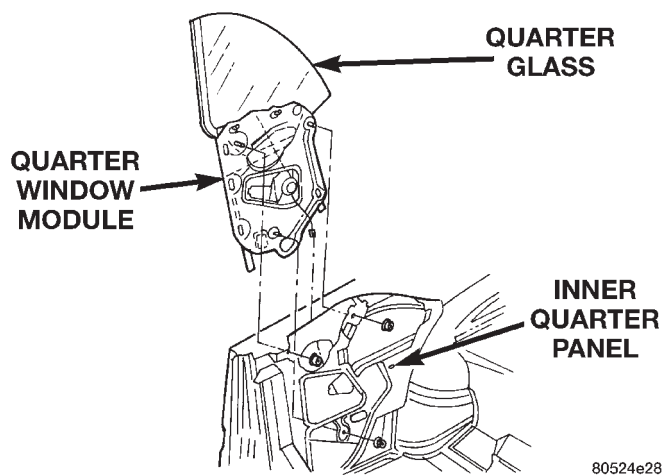
REMOVAL AND INSTALLATION (Continued)

**Fig. 64 Quarter Glass**

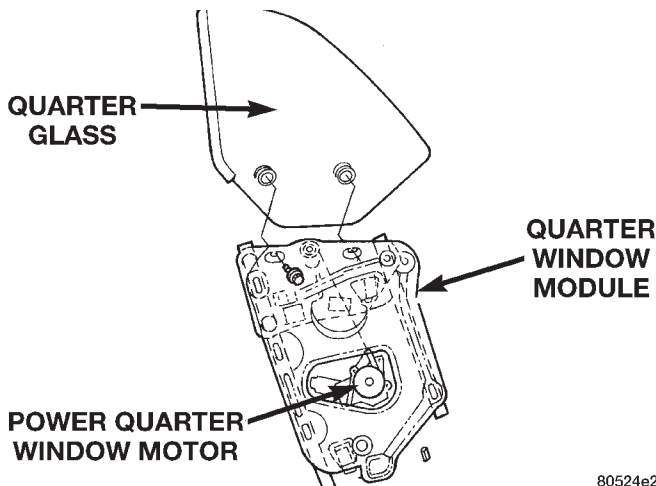
- (6) Install quarter trim panel.

QUARTER WINDOW MODULE**REMOVAL**

- (1) Raise quarter glass to full up position, if possible, to aid in removal.
- (2) Remove quarter trim panel.
- (3) Partially lower convertible top.
- (4) Disconnect wire connector to power window motor.
- (5) Remove fasteners holding quarter window module to inner quarter panel (Fig. 65).
- (6) Lift quarter window module upward and out opening at top of quarter panel.
- (7) Separate quarter glass from quarter window module (Fig. 66).

**Fig. 65 Quarter Window Module****INSTALLATION**

- (1) Lower quarter window module into position through opening in top of quarter panel.

**Fig. 66 Quarter Glass**

- (2) Install fasteners holding quarter window module to inner quarter panel.
- (3) Connect wire connector to power window motor.
- (4) Raise glass lift channel to full up position.
- (5) Position quarter glass on quarter window module.
- (6) Loosely install fasteners holding quarter glass to quarter window module.
- (7) Lower and secure convertible top.
- (8) Adjust quarter glass as necessary. Refer to quarter glass adjustment procedure in this section.
- (9) Install quarter trim panel.

CARPET**REMOVAL**

- (1) Lower convertible top to full down position.
- (2) Remove front seats.
- (3) Remove rear seat cushion.
- (4) Remove floor console and forward instrument panel console.
- (5) Remove door sill trim panels.
- (6) Remove cowl trim panels.
- (7) Remove quarter trim panels.
- (8) Remove amplifier on passenger side of floor pan, if so equipped.
- (9) Remove wiring troughs holding carpet at outboard ends of rear seat crossmember.
- (10) Remove push-in fasteners from rear of carpet holding carpet to rear seat crossmember (Fig. 67).
- (11) Remove plastic sill retainers from metal clips along door sill panel.
- (12) Separate carpet from vehicle (Fig. 67).

INSTALLATION

- (1) Position carpet in vehicle.
- (2) Install push-in fasteners from rear of carpet holding carpet to rear seat crossmember.

REMOVAL AND INSTALLATION (Continued)

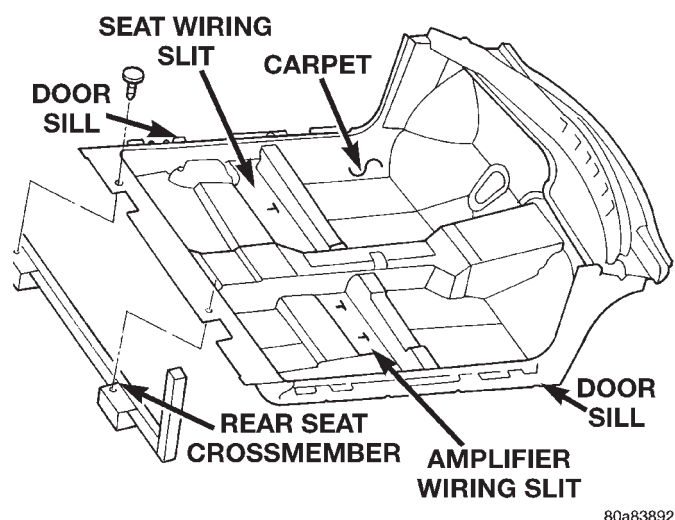


Fig. 67 Carpet Fasteners

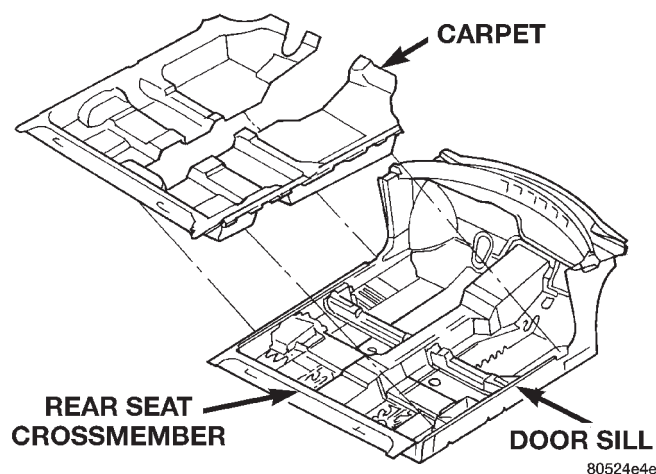


Fig. 68 Carpet

- (3) Feed wiring connectors for the seats and amplifier, if equipped, through slits in carpet.
- (4) Install plastic sill retainers in metal clips along door sill panel.
- (5) Install wiring troughs holding carpet at outboard ends of rear seat crossmember.
- (6) Install amplifier on passenger side of floor pan, if so equipped.
- (7) Install quarter trim panels.
- (8) Install cowl trim panels.
- (9) Install door sill trim panels.
- (10) Install floor console and forward instrument panel console.
- (11) Install rear seat cushion.
- (12) Install front seats.
- (13) Raise and secure convertible top.

QUARTER PANEL OUTER BELT WEATHERSTRIP/ MOLDING

REMOVAL

- (1) Lower convertible top to midway position.
- (2) Lower quarter glass to full down position.
- (3) Remove quarter trim panel.
- (4) Remove screws holding quarter panel outer belt weatherstrip/molding to outer quarter panel.
- (5) Loosen appropriate side of upper deck molding.
- (6) Pull upward at one end of outer belt weatherstrip to separate from vehicle.
- (7) Separate outer belt weatherstrip from vehicle.

INSTALLATION

- (1) Position quarter panel outer belt weatherstrip/molding on vehicle.
- (2) Push outer belt weatherstrip/molding downward until weatherstrip/molding is fully seated.
- (3) Install screws holding outer belt weatherstrip to outer quarter panel.
- (4) Tighten fasteners for upper belt molding.
- (5) Install quarter trim panel.
- (6) Raise and secure convertible top.

UPPER DECK MOLDING

REMOVAL

- (1) Lower convertible top to midway position.
- (2) Remove screws holding upper deck molding to rear deck panel above convertible top rear attachment.
- (3) Open trunk.
- (4) Remove screws holding upper deck molding to rear deck panel inside trunk water trough.
- (5) Disconnect wire connector for CHMSL.
- (6) Separate upper deck molding from vehicle.

INSTALLATION

- (1) Position upper deck molding on vehicle.
- (2) Connect wire connector for CHMSL.
- (3) Install screws holding upper deck molding to rear deck panel inside trunk water trough.
- (4) Install screws holding upper deck molding to rear deck panel above convertible top rear attachment.
- (5) Raise and secure convertible top.

FOLDING TOP HEADLINING

REMOVAL

- (1) Raise convertible top to midway position.
- (2) Remove convertible top header trim panel.
- (3) Remove screws holding headlining to convertible top header panel.

REMOVAL AND INSTALLATION (Continued)

(4) Remove push-in fasteners holding headlining to convertible top mechanism rearward of quarter window.

(5) Remove tack strip trim panel.

(6) Remove shock cords along both sides of headlining.

(7) Remove roof bows from convertible top mechanism.

(8) Slide roof bows from convertible top cover and headlining.

(9) Remove nuts holding headlining straps to tack strip.

(10) Disengage hook and loop fasteners holding headlining above rear window.

(11) Separate headlining from vehicle.

INSTALLATION

(1) Position headlining from vehicle.

(2) Engage hook and loop fasteners holding headlining above rear window.

(3) Install nuts holding headlining straps to tack strip.

(4) Install roof bows from convertible top mechanism.

(5) Snap plastic retainer strips on headlining and convertible top cover into channels on roof bows, working from rear bow forward.

(6) Install shock cords along both sides of headlining.

(7) Install tack strip trim panel.

(8) Install push-in fasteners holding headlining to convertible top mechanism rearward of quarter window.

(9) Install screws holding headlining to convertible top header panel.

(10) Install convertible top header trim panel.

(11) Lower and secure convertible top.

CONVERTIBLE TOP STORAGE

RIGHT OR LEFT

REMOVAL

(1) Raise and secure convertible top.

(2) Lift tack strip trim panel as necessary to access slots in convertible top storage area.

(3) Remove push in fastener in rear of side piece.

(4) Disengage slots in right/left convertible top storage area from studs along jackscrew (Fig. 69).

(5) Separate right/left storage area from vehicle.

INSTALLATION

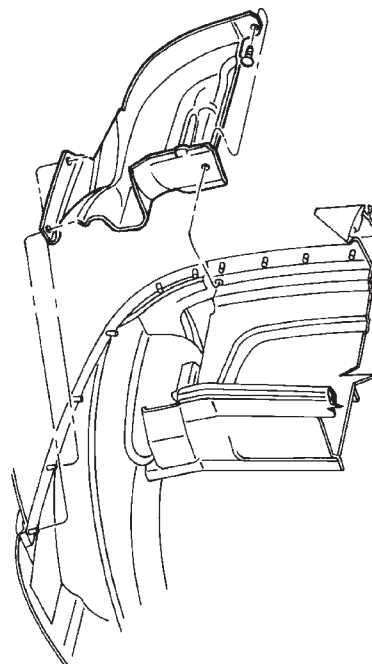
(1) Position right/left convertible top storage area in vehicle.

(2) Engage slot in right/left storage area to studs along tack strip

(3) Install tack strip trim piece.

(4) Install push in fasteners to hold center and side storage areas below seat belt bezel.

(5) Install push in fastener in rear of side piece.



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Fig. 69 Right/Left Convertible Top Storage

(6)

(7)

CENTER

REMOVAL

(1) Raise and secure convertible top.

(2) Remove tack strip trim panel as necessary.

(3) Remove right and left convertible top storage area sections.

(4) Remove push-in fasteners holding center convertible top storage section to rear of storage area (Fig. 70).

(5) Remove push in fasteners holding center and side storage areas below seat belt bezel.

(6) Pull rear of center storage area upward and disengage front of center storage area from beauty bar.

(7) Separate center storage area from vehicle.

INSTALLATION

(1) Position center convertible top storage area in vehicle.

(2) Engage front of center storage area under beauty bar and push rear of center storage area downward into position.

(3) Install push-in fasteners holding center convertible top storage section to rear of storage area.

(4) Install push in fasteners to hold center and side storage areas below seat belt bezel.

(5) Install right and left convertible top storage area sections.

(6) Install tack strip trim panel.

REMOVAL AND INSTALLATION (Continued)

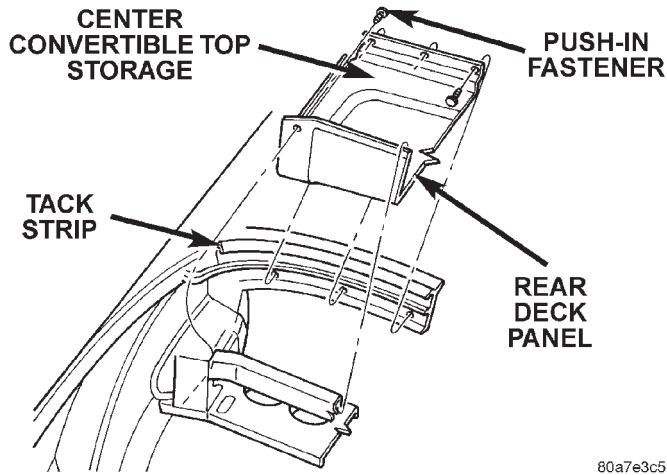


Fig. 70 Center Convertible Top Storage

TRUNK LID

REMOVAL

- (1) Release trunk latch and open trunk lid.
- (2) Mark outline of hinge on trunk lid to aid in installation (Fig. 71).
- (3) Disconnect all wire connectors from trunk latch and disengage wire harness from trunk lid.
- (4) Place suitable padding between trunk lid and deck panel to protect paint finish.
- (5) With aid of a helper, remove bolts holding trunk lid to trunk hinge.
- (6) Separate trunk lid from vehicle.

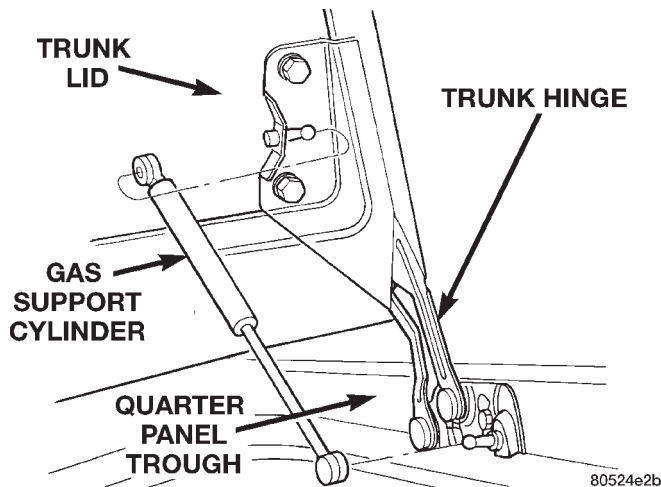


Fig. 71 Trunk Hinge And Gas Support Cylinder

INSTALLATION

- (1) Position trunk lid on vehicle.
- (2) With aid of a helper, loosely install bolts holding trunk lid to trunk hinge.
- (3) Align marks made on trunk lid previously to trunk hinge and tighten bolts holding trunk lid to trunk hinge.

- (4) Connect all wire connectors to trunk latch and install wire harness to trunk lid.
- (5) Verify fit of trunk lid to deck panel. Adjust as necessary.

TRUNK HINGE AND GAS SUPPORT CYLINDER

REMOVAL

- (1) Release trunk latch and open trunk lid.
- (2) Mark outline of trunk hinge on trunk lid and quarter panel trough to aid in installation.
- (3) Place suitable padding to cover deck panel in order to protect paint finish.
- (4) Using a suitable wooden dowel or other prop rod, support trunk lid.
- (5) Pull out caps at each end of gas support cylinder.
- (6) Disengage gas support cylinder from trunk hinge by prying cylinder from ball stud on hinge (Fig. 71).
- (7) With aid of a helper, remove bolts holding trunk hinge to trunk lid.
- (8) Remove bolts holding trunk hinge to quarter panel.
- (9) Separate trunk hinge from vehicle.

INSTALLATION

- (1) Position trunk hinge to vehicle.
- (2) Loosely install bolts holding trunk hinge to quarter panel.
- (3) Loosely install bolts holding trunk hinge to trunk lid.
- (4) Align trunk hinge to marks made previously and tighten all fasteners.
- (5) Install gas support cylinder to trunk hinge.
- (6) Install caps at each end of gas support cylinder.
- (7) Verify fit of trunk lid to deck panel. Adjust as necessary.

TRUNK LATCH STRIKER

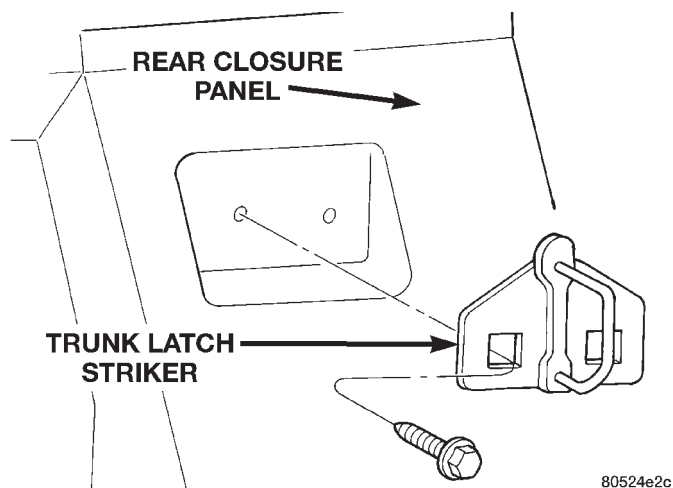
REMOVAL

- (1) Release trunk latch and open trunk lid.
- (2) Mark outline of trunk latch striker on rear closure panel to aid in installation.
- (3) Remove bolts holding trunk latch striker to rear closure panel (Fig. 72).
- (4) Separate striker from vehicle.

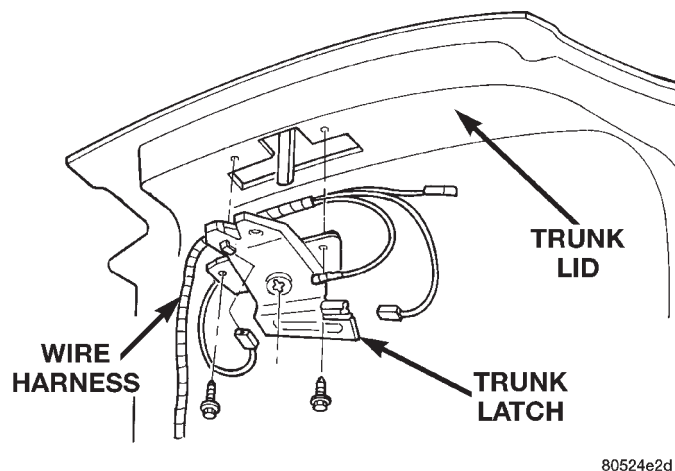
INSTALLATION

- (1) Position striker in vehicle.
- (2) Loosely install bolts holding trunk latch striker to rear closure panel.
- (3) Align trunk latch striker to marks made previously on rear closure panel and tighten bolts.
- (4) Verify fit of trunk lid to deck panel and operation of trunk latch. Adjust as necessary.

REMOVAL AND INSTALLATION (Continued)

**Fig. 72 Trunk Latch Striker****TRUNK LATCH****REMOVAL**

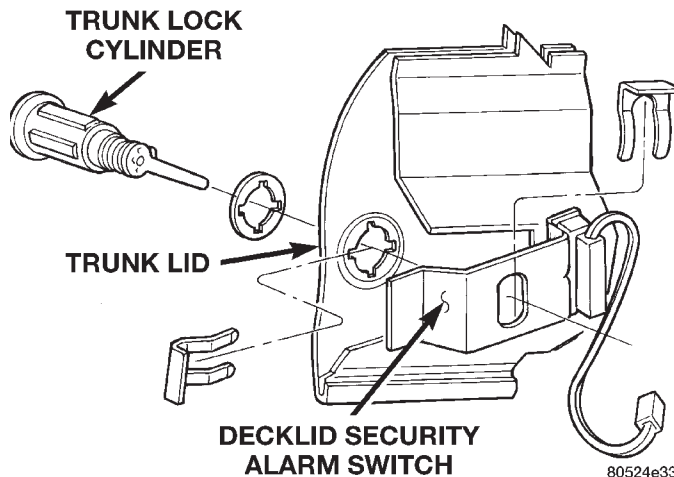
- (1) Release trunk latch and open trunk lid.
- (2) Mark outline of trunk latch on trunk lid to aid in installation.
- (3) Disconnect wire connectors to remote release solenoid, if so equipped (Fig. 73).
- (4) Remove bolts holding trunk latch to trunk lid.
- (5) Separate trunk latch from vehicle.

**Fig. 73 Trunk Latch****INSTALLATION**

- (1) Position trunk latch on vehicle.
- (2) Loosely install bolts holding trunk latch to trunk lid.
- (3) Align trunk latch to marks made previously on trunk lid and tighten bolts.
- (4) Connect wire connectors to remote release solenoid, if so equipped.
- (5) Verify fit of trunk lid to deck panel and trunk latch operation. Adjust as necessary.

TRUNK LOCK CYLINDER**REMOVAL**

- (1) Release trunk latch and open trunk lid.
- (2) Remove trunk latch.
- (3) Remove clip holding trunk lock cylinder to security alarm switch, if so equipped (Fig. 74).
- (4) Remove security alarm switch, if so equipped.
- (5) Remove clip holding trunk lock cylinder to trunk lid.
- (6) Separate trunk lock cylinder from vehicle.

**Fig. 74 Trunk Lock Cylinder****INSTALLATION**

- (1) Position trunk lock cylinder on vehicle.
- (2) Install clip holding trunk lock cylinder to trunk lid.
- (3) Install security alarm switch, if so equipped.
- (4) Install clip holding trunk lock cylinder to security alarm switch, if so equipped.
- (5) Install trunk latch.

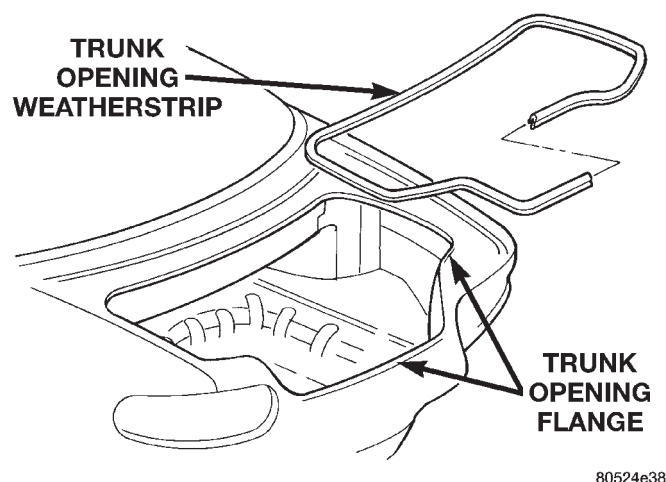
TRUNK OPENING WEATHERSTRIP**REMOVAL**

- (1) Release trunk latch and open trunk lid.
- (2) Pull trunk opening weatherstrip from trunk opening flange (Fig. 75).
- (3) Separate trunk opening weatherstrip from vehicle.

INSTALLATION

- (1) Position trunk opening weatherstrip on vehicle.
- (2) Starting with one end of trunk opening weatherstrip over trunk latch striker, push weatherstrip onto trunk opening flange.
- (3) Verify that the ends of the trunk opening weatherstrip meet above the trunk latch striker.
- (4) Verify trunk lid operation and sealing.

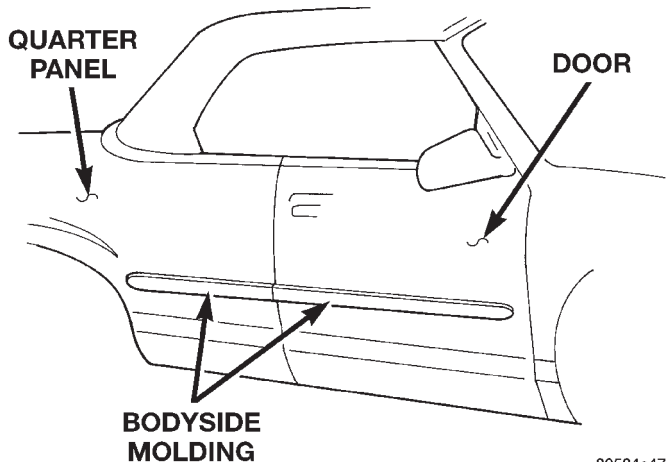
REMOVAL AND INSTALLATION (Continued)



80524e38

Fig. 75 Trunk Opening Weatherstrip**BODY SIDE MOLDING****REMOVAL**

- (1) Warm the affected body side molding and body metal to approximately 38°C (100°F) using a suitable heat lamp or heat gun.
- (2) Pull body side molding from vehicle (Fig. 76).
- (3) Remove adhesive tape residue from surface of vehicle.



80524e47

Fig. 76 Body Side Molding**INSTALLATION**

- (1) 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.
- (2) Clean body surface with Mopar® Super Kleen solvent or equivalent. Wipe surface dry with a lint free cloth.
- (3) Apply a length of masking tape on the body parallel to the top edge of the molding to use as a guide, if necessary.
- (4) Remove protective cover from tape on back of molding. Apply molding to body below the masking tape guide.
- (5) Remove masking tape guide. Heat body metal and body side molding to approximately 38°C (100°F) using a suitable heat lamp or heat gun.
- (6) Firmly press body side molding to body surface to insure adhesion.

ADJUSTMENTS**FRONT DOOR GLASS ADJUSTMENT**

NOTE: Verify that the door is properly adjusted to the body prior to adjusting the door glass.

NOTE: Lower quarter glass to the full down position while making door glass adjustments, unless otherwise instructed.

UP-STOP ADJUSTMENTS

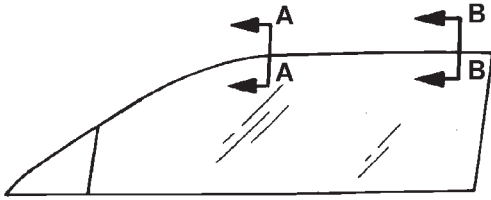
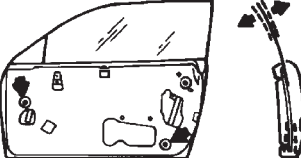
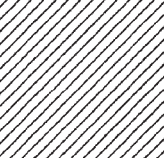
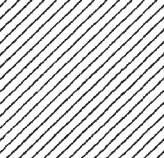
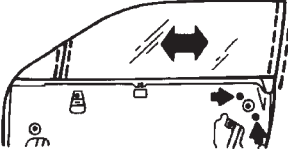
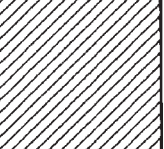
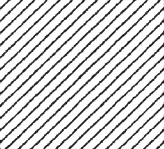
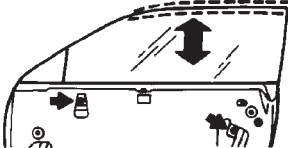
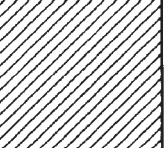
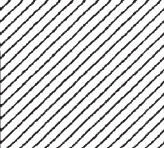
- (1) Remove door trim panel.
- (2) Remove water shield as necessary to gain access to adjuster.
- (3) Loosen up-stop nut (Fig. 78) and bolt (Fig. 79).
- (4) Remove weatherstrip from location to be adjusted.

NOTE: Remove only one weatherstrip section at a time or the glass to weatherstrip retainer measurements will not be accurate.

- (5) Close door and raise door glass.
- (6) Slide up-stop to achieve proper glass to weatherstrip retainer gap (Fig. 77).
- (7) Tighten all fasteners.
- (8) Verify that forward up-stop fully contacts hook on glass. Adjust contact bolt on forward up-stop as necessary.

ADJUSTMENTS (Continued)

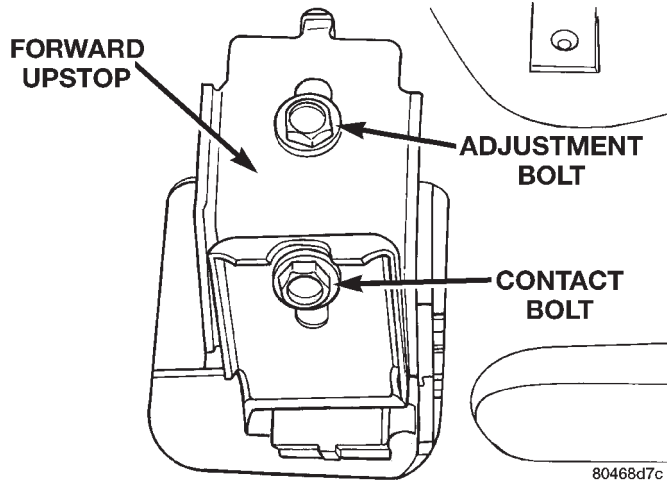
ADJUSTMENT SPECIFICATIONS

			MEASUREMENT LOCATIONS AND THEIR VALUES			
			SECTION A-A		SECTION B-B	
						
SEQUENCE		ADJUSTMENT	W	X	Y	Z
1	IN/OUT			20.0mm ±2mm		20.0mm ±2mm
2	FORWARD/ REARWARD		10.0mm ±2mm		10.0mm ±2mm	
	UP/DOWN		10.0mm ±2mm		10.0mm ±2mm	

NOTE: Forward / Rearward and Up/Down adjustment are to be made at the same time.

Fig. 77

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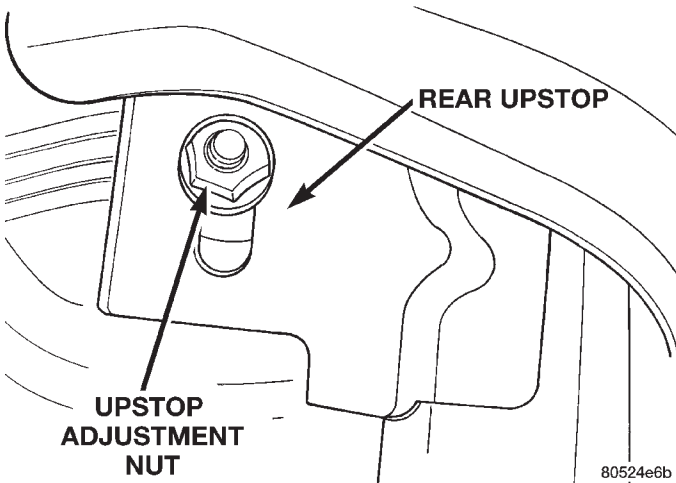


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Fig. 78 Forward Up-Stop Adjustment

TOP OF GLASS—INBOARD/OUTBOARD ADJUSTMENTS

- (1) Remove door trim panel.
- (2) Remove water shield as necessary to gain access to adjusters.
- (3) Using a suitable wrench, loosen the lower jack-screw jam-nuts (Fig. 80).



80524e6b

Fig. 79 Rear Up-Stop Adjustment

- (4) Remove weatherstrip from side rail weather-strip retainer at point to be adjusted.
- (5) Close door and raise glass.
- (6) Using a suitable allen-wrench, rotate jack-screws to achieve the proper gap between the door glass weatherstrip retainer strip (Fig. 77).

ADJUSTMENTS (Continued)

NOTE: Remove only one weatherstrip section at a time or the glass to weatherstrip retainer measurements will not be accurate.

- (7) Verify that the top edge of the door glass is beneath the lip of the weatherstrip.
- (8) Tighten all fasteners.

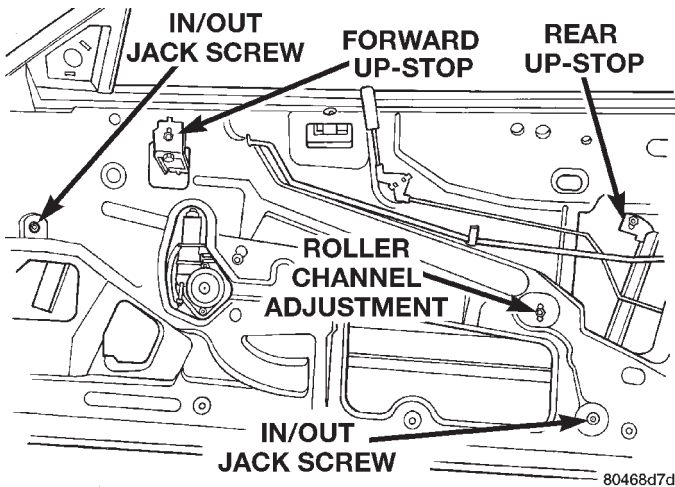
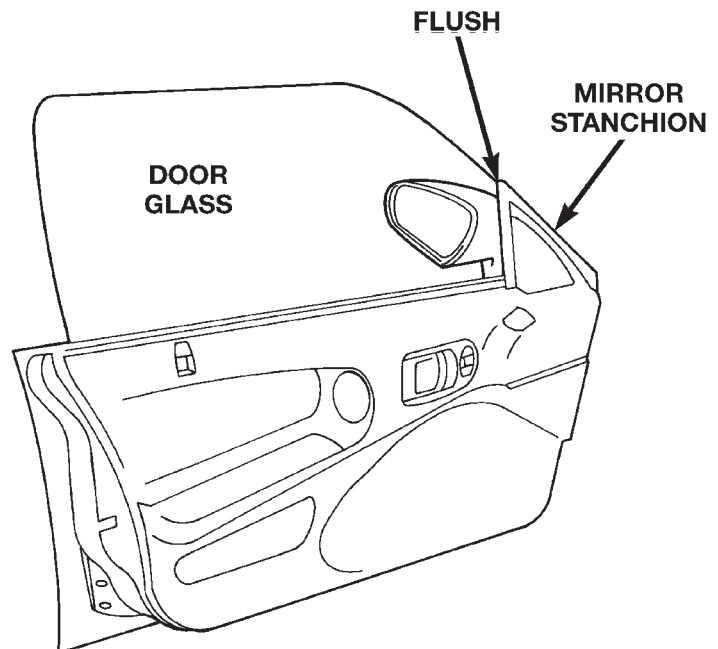
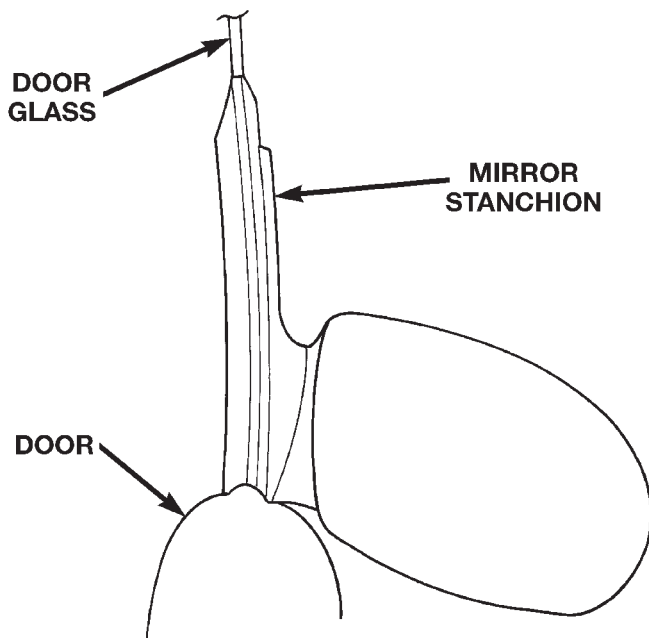


Fig. 80 Inboard/Outboard Glass Adjustment

GLASS—FRONT/REAR ADJUSTMENT

- (1) Remove door trim panel and water shield.
- (2) Lower door glass to gain access to glass attachments.
- (3) Loosen three glass attachment bolts.
- (4) Raise door glass and position correctly (Fig. 77) and (Fig. 81).
- (5) Tighten the two accessible glass fasteners in the full up position.
- (6) Lower door glass and tighten the remaining glass fastener.
- (7) Raise glass to top of travel and verify positioning (Fig. 77) and (Fig. 81).
- (8) To verify proper fit of the door glass to the header/A-pillar weatherstrip,
 - (a) Lower door glass slightly.
 - (b) Place a paper strip between the glass and weatherstrip near mirror flag and another near the front upper corner of the door glass.
 - (c) Raise glass to full up position.
 - (d) Pull the strip from between the door glass and the weatherstrip. There should be slight tension on the paper.



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Fig. 81 Front/Rear Glass Position

ADJUSTMENTS (Continued)

DOOR GLASS ALIGNMENT VERIFICATION

NOTE: Door Glass Alignment Verification procedure must be done whenever the door glass is adjusted and after all adjustments are made.

- (1) Raise quarter glass to full up position.
- (2) Close door and cycle door glass between full up and full down positions.
- (3) Verify that door glass operates smoothly and maintains correct alignment to convertible top and quarter glass.
- (4) Verify that quarter glass weatherstrip fully contacts door glass.
- (5) Verify that no scissoring of the door glass and weatherstrip occurs.
- (6) If any of the above conditions are found,
 - (a) Adjust quarter glass. Refer to Quarter Glass Adjustment procedures found in this section.
 - (b) Re-adjust the door glass as necessary to cure the condition.

QUARTER GLASS ADJUSTMENT

NOTE: The door glass must be properly adjusted prior to performing any quarter glass adjustments.

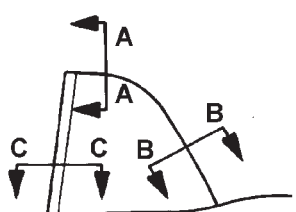
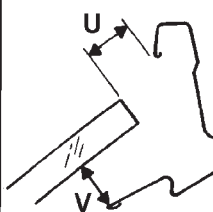
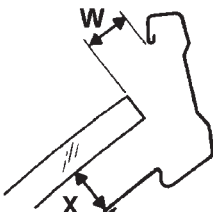
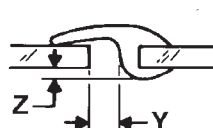
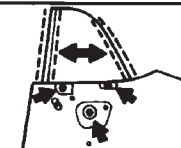
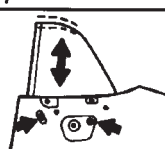
UP-STOP ADJUSTMENTS

- (1) Remove quarter trim panel.
- (2) Remove center and rear side rail weatherstrips from side rail weatherstrip retainer channels.
- (3) Loosen up-stop nuts.
- (4) Raise quarter glass.
- (5) Slide up-stop to achieve proper glass to weatherstrip retainer gap (Fig. 82).
- (6) Tighten all fasteners.
- (7) Install center and rear side rail weatherstrips to side rail weatherstrip retainer channels.
- (8) Cycle quarter glass between full up and full down positions. Verify operation and re-adjust as necessary.
- (9) Verify that the top edge of the door glass is beneath the lip of the weatherstrip.
- (10) Install quarter trim panel.

TOP OF GLASS—INBOARD/OUTBOARD ADJUSTMENTS

- (1) Remove quarter trim panel.
- (2) Remove center and rear side rail weatherstrips from side rail weatherstrip retainer channels.
- (3) Using a suitable wrench, loosen the lower jack-screw jam-nuts.
- (4) Raise quarter glass.

ADJUSTMENT SPECIFICATIONS

			MEASUREMENT LOCATIONS AND THEIR VALUES					
			SECTION A-A		SECTION B-B		SECTION C-C	
								
SEQUENCE	ADJUSTMENT		U	V	W	X	Y	Z
1	IN/OUT			20.0mm ±2mm		20.0mm ±2mm		2.0mm ±1mm
2	FORWARD/REARWARD		10.0mm ±2mm		10.0mm ±3mm		6.0mm ±1mm	
	UP/DOWN		10.0mm ±2mm		10.0mm ±3mm			

NOTE: Forward / Rearward and Up/Down adjustment are to be made at the same time.

Fig. 82

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ADJUSTMENTS (Continued)

(5) Using a suitable allen-wrench, rotate jack-screws to achieve the proper gap between the door glass weatherstrip retainer channel (Fig. 82).

(6) Verify that the quarter glass maintains even contact with the outer belt weatherstrip.

(7) Install center and rear side rail weatherstrips to side rail weatherstrip retainer channels.

(8) Cycle quarter glass between full up and full down positions. Verify operation and re-adjust as necessary.

(9) Tighten all fasteners.

(10) Verify that the top edge of the door glass is beneath the lip of the weatherstrip with glass in the full up position.

(11) Install quarter trim panel.

GLASS—FRONT/REAR ADJUSTMENT

(1) Remove quarter trim panel.

(2) Remove center and rear side rail weatherstrips from side rail weatherstrip retainer channels.

(3) Loosen glass attachment bolts.

(4) Raise quarter glass and position correctly (Fig. 82).

(5) Tighten all fasteners.

(6) Install center and rear side rail weatherstrips to side rail weatherstrip retainer channels.

(7) Cycle quarter glass between full up and full down positions. Verify operation and re-adjust as necessary.

(8) Install quarter trim panel.

QUARTER GLASS ALIGNMENT VERIFICATION

(1) Raise door glass to full up position.

(2) Cycle quarter glass between full up and full down positions.

(3) Verify that quarter glass operates smoothly and maintains correct alignment to convertible top and door glass.

(4) Verify that quarter glass weatherstrip fully contacts door glass.

(5) Verify that no scissoring of the door glass and weatherstrip occurs.

(6) If any of the above conditions are found,

(a) Re-adjust quarter glass.

(b) Adjust the door glass as necessary to cure the condition.

DOOR LATCH ADJUSTMENT

(1) Insert a suitable allen-wrench through elongated slot in door end frame and loosen bolt 1/2 to one full turn (Fig. 83).

(2) Cycle outside door handle twice.

(3) Tighten adjusting screw to 30 in. lbs.

(4) Verify latch operation.

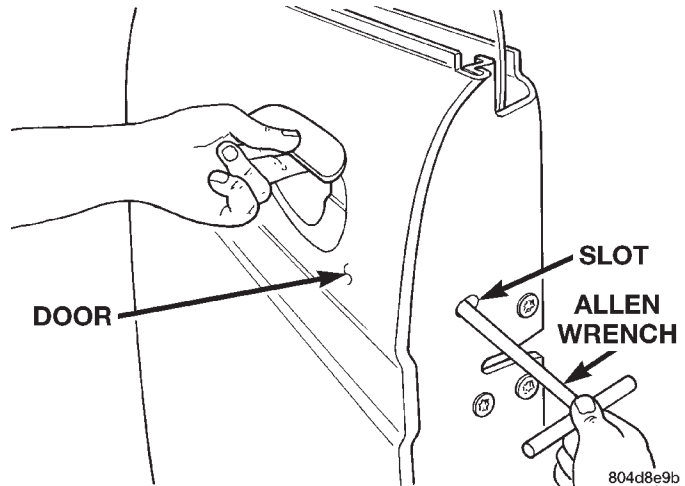


Fig. 83 Door Latch Adjustment

SPECIFICATIONS

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 underhood 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.

SPECIFICATIONS (Continued)

LUBRICANT USAGE

ENGINE OIL

- Hood Hinges—Pivot Points
- Trunk Lid Hinges

MOPAR® SPRAY WHITE LUBE OR EQUIVALENT

- Door Check Straps
- Trunk Lid Prop Pivots
- Ash Receiver
- Parking Brake Mechanism
- Sliding Seat Tracks
- Trunk Latch

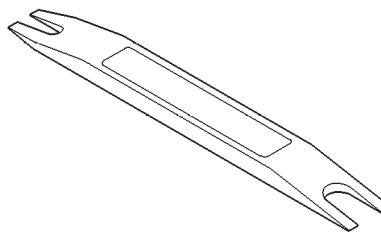
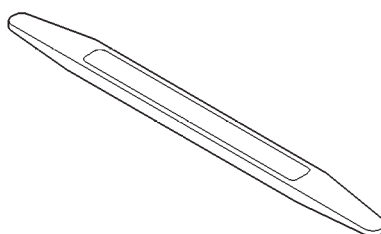
MOPAR® MULTI-PURPOSE GREASE OR EQUIVALENT

- All Other Hood Mechanisms
- Door Hinges—Hinge Pin and Pivot Contact Areas

MOPAR® LOCK CYLINDER LUBRICANT OR EQUIVALENT

- Door Lock Cylinders
- Trunk Lock Cylinder

SPECIAL TOOLS

BODY**REMOVER, MOLDINGS C 4829****STICK, TRIM C4755**