

BODY

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GENERAL SERVICE INFORMATION

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GENERAL INFORMATION

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 TOUCHUP

When a painted metal surface has been scratched or chipped, it should be touched-up as soon as possi-

ble 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.

TOUCHUP 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 touchup 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 touchup paint to dry hard.
- (5) On vehicles without clear coat, the touchup color can be lightly wet sanded (1500 grit) and polished with rubbing compound.
- (6) On vehicles with clear coat, apply clear top coat to touchup 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 Mt. Tint Clear Coat	RH2	4974	26098	B9616	51063	CHA95:RH2
		5025			5106	
Flame Red Clear Coat	PR4	4679	23043	B9326	4691	CHA93:PR4
Dark Rosewood Pearl Coat	REG	27558	25041	B9519	50266	CHA95:REG
Light Gold Pearl Coat	SYL	83539	26097	B9618	51076	CHA95:SYL
Deep Hunter Green Pearl Coat	SG8	47439	26078	B9609	5106	CHA95:SG8
Light Silverfern Pearl Coat	RJM	47383	25043	B9525	50269	CHA95:RJM
Island Teal Satin Glow	SPJ	47425	26085	B9610	51065	CHA95:SPJ
Pale Iris Clear Coat	SCP	18887	26093	B9625	51536	CHA96:SCP
Light Iris Pearl Coat	PC5	4788	24078	B9455	48782	CHA94:PC5
Dark Iris Pearl Coat	RCW	51844	26092	B9614	51061	CHA95:RCW
Medium Blue Pearl Coat	RBK	18757	25039	B9529	50264	CHA95:RBK
Bright White Clear Coat	GW7	4037	18238	B8833	37298	CHA88:GW
Golden White Pearl Tri-Coat	SWP	83554	26095	B9623	51074	CHA96:SWP
		83642		B9624	51075	
Deep Amethyst Pearl Coat	TCN	5246	27038	B9736	52566	CHA97:TCU
Taupe Frost Pearl Coat	TTK	5244	27040	B9750	52567	CHA97:TTK

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

1997 INTERIOR COLORS

INTERIOR COLOR	CHRY CODE	PPG	BASF	DUPONT	S-W ACME M-S
Mist Gray	C3	35799/2-1576	25065	C9507	50508
Silver Fern	JK	35798/2-1577	25066	C9509	50510
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) Remove inside rear view mirror.
- (2) Remove windshield wiper arms.
- (3) Remove cowl cover.
- (4) Remove A-pillar trim panels.
- (5) Disengage wire connectors to windshield defroster grid.
- (6) Place protective covers over instrument panel and hood.
- (7) Remove windshield molding (Fig. 1). Using pliers, pull outward on molding at the bottom of A-pillars.
- (8) Using a sharp cold knife, cut urethane adhesive holding the windshield to the A-pillars, roof

REMOVAL AND INSTALLATION (Continued)

header and cowl pinch weld fences (Fig. 2). A power cutting device can be used if available.

(9) Separate windshield from vehicle.

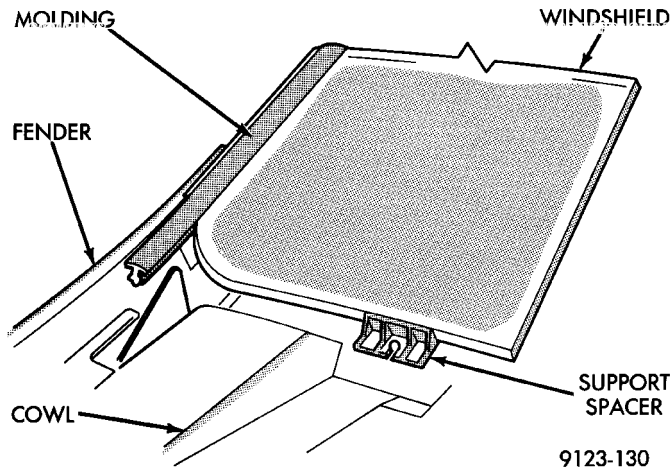


Fig. 1 Windshield Molding

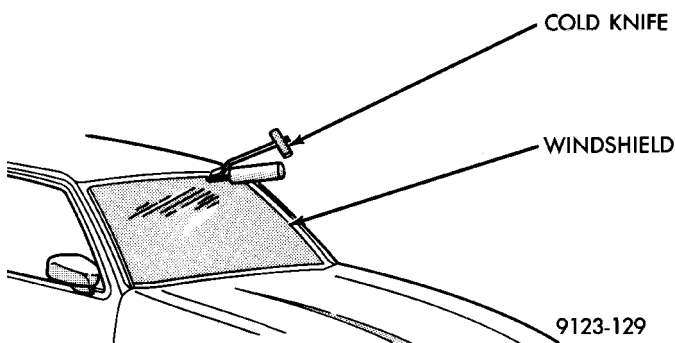


Fig. 2 Cut Urethane Around Windshield

WINDSHIELD REMOVAL—INTERIOR METHOD

- (1) Remove inside rear view mirror.
- (2) Remove instrument panel top cover. Refer to Group 8E, Instrument Panel.
- (3) Remove A-pillar trim covers.
- (4) Disengage wire connectors to windshield defroster grid.
- (5) Place protective covers over instrument panel and hood.
- (6) 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.
- (7) 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.

(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) 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. 3).

(4) Remove replacement windshield from windshield opening.

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

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

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

(7) Install molding to perimeter of windshield.

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

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

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

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

(12) If a low viscosity urethane adhesive is used, install compression spacers on the fence around the windshield opening (Fig. 5).

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

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

REMOVAL AND INSTALLATION (Continued)

(15) Slowly lower windshield glass to windshield opening fence. Guide the molding into proper position as necessary. Push windshield inward until molding is flush to roof line and A-pillars (Fig. 5).

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

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

(18) Engage wire connectors to windshield defroster grid.

(19) Install A-pillar trim panels.

(20) Install cowl cover and wipers.

(21) Install inside rear view mirror.

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

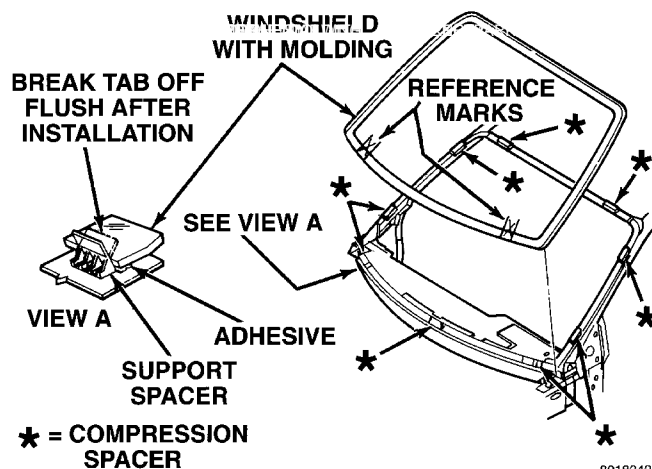


Fig. 5 Lower Windshield Into Position

sliding door glass. Butyl sealer becomes more pliable at high temperatures.

REMOVAL

(1) Remove interior trim as necessary to gain access attaching locations on back of glass.

(2) Remove nuts holding stationary glass to fence.

(3) Using razor knife, cut butyl sealer holding glass to fence from between the mounting studs (Fig. 6).

(4) Push glass from opening.

NUMBERS INDICATE THE TIGHTENING SEQUENCE

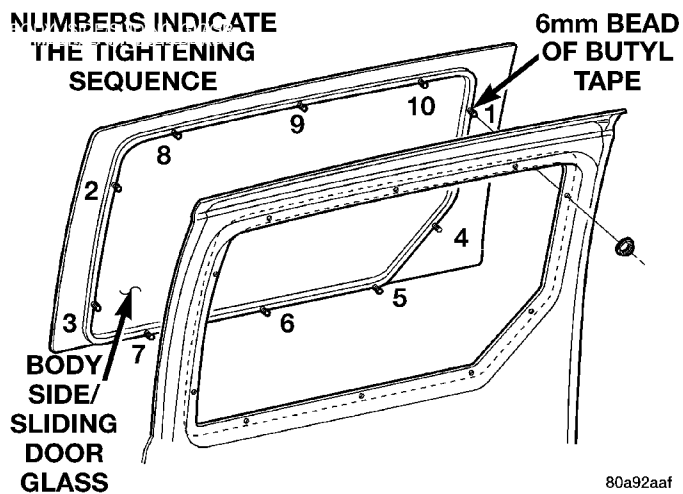


Fig. 6 Sliding Door Stationary Glass

INSTALLATION

The stationary glass fence should be cleaned of all old butyl sealer.

(1) Apply a 6 mm (0.25 in.) butyl tape around perimeter of glass assembly encapsulation track. Ensure that the butyl tape is wrapped around the mounting studs.

(2) Place the glass into the opening and insert mounting studs through holes in fence.

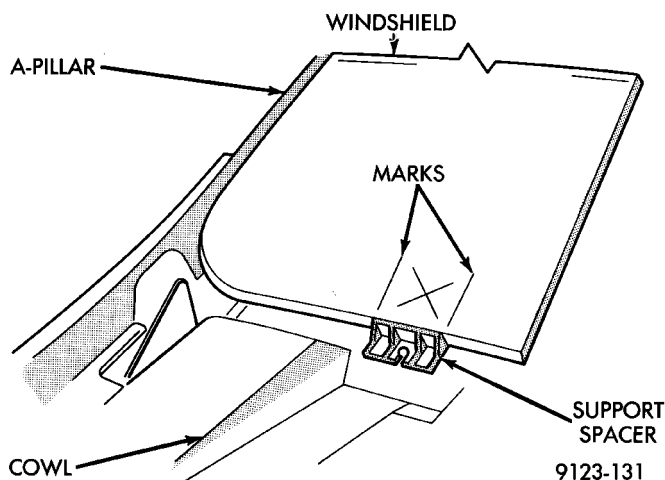


Fig. 3 Center Windshield and Mark at Support Spacers

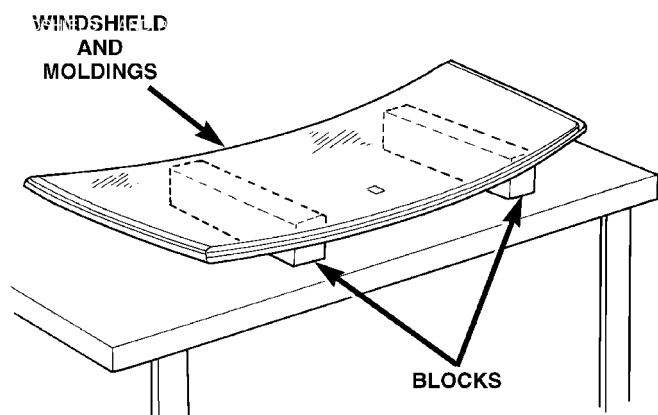


Fig. 4 Work Surface Set up and Molding Installation BODY SIDE/SLIDING DOOR STATIONARY GLASS

The temperature of the vehicle should be at least 21° C (70° F) before removing the stationary quarter/

REMOVAL AND INSTALLATION (Continued)

(3) Install nuts to hold stationary glass to fence (Fig. 6).

NOTE: Torque nuts to 3.4 N-m (30 in. lbs.) in the sequence indicated. Do not overtorque, or glass breakage may result.

(4) Install interior trim.

REAR WINDOW

Refer to the Windshield paragraph of this section for description of tools and adhesive systems that are recommended for use in this procedure.

REAR WINDOW REMOVAL—EXTERIOR METHOD

- (1) Remove rear window wiper arm, if equipped.
- (2) Remove screws holding moldings to liftgate at the sides of the rear window (Fig. 7).
- (3) Using pliers, pull outward on molding at the top and bottom of liftgate.
- (4) Using a sharp cold knife, cut urethane adhesive holding the rear window to the liftgate. A power cutting device can be used if available.
- (5) Separate rear window from vehicle.

REAR WINDOW REMOVAL—INTERIOR METHOD

- (1) Remove rear window wiper arm, if equipped.
- (2) Remove screws holding moldings to liftgate at the sides of the rear window (Fig. 7).
- (3) Remove liftgate inside lamps and trim covers.
- (4) Remove center high mounted stop lamp.
- (5) Using a reciprocating or oscillating power knife, cut urethane adhesive holding the rear window to the liftgate. Refer to instructions provided with the equipment being used.
- (6) Separate rear window from vehicle.

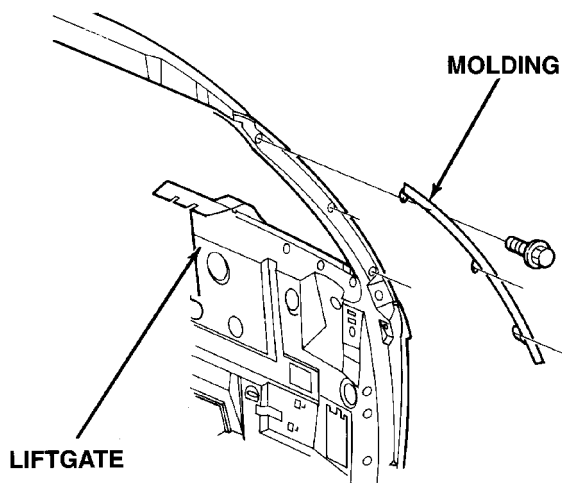


Fig. 7 Rear Window Side Moldings

REAR WINDOW INSTALLATION

CAUTION: Open the left front door glass before installing rear window 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 rear window, the urethane bonding material on the rear window fence should be smooth and consistent to the shape of the replacement glass.

- (1) Place replacement glass into rear window opening.
- (2) Verify the glass lays evenly against the pinch weld fence at the sides, top and bottom of the replacement rear window. If not, the fence must be formed to the shape of the new glass.
- (3) Using a grease pencil, mark the glass and liftgate in several locations to aid installation.
- (4) Remove replacement glass from liftgate opening.
- (5) Position the rear window 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.

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

- (6) Clean inside of rear window with ammonia based glass cleaner and lint-free cloth.
- (7) Apply molding to top and bottom of rear window.
- (8) Apply Glass Prep adhesion promoter 25 mm (1 in.) wide around perimeter of rear window and wipe with clean/dry lint-free cloth until no streaks are visible.
- (9) Apply Glass Primer 25 mm (1 in.) wide around perimeter of rear window. Allow at least three minutes drying time.
- (10) Apply Pinchweld Primer 15 mm (.75 in.) wide around the rear window fence. Allow at least three minutes drying time.
- (11) If a low viscosity urethane adhesive is used, install compression spacers on the fence around the rear window opening (Fig. 8).
- (12) Apply a 10 mm (0.4 in.) bead of urethane along centerline of rear window fence.
- (13) With the aid of a helper, position the rear window over the rear window opening and align the reference marks.

REMOVAL AND INSTALLATION (Continued)

(14) Slowly lower the glass to rear window opening fence. Guide the molding into proper position as necessary. Push glass inward until molding is flush to liftgate surface (Fig. 8).

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

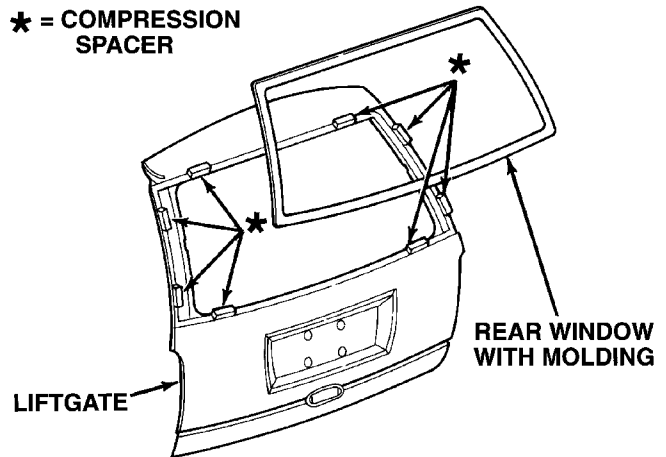
(16) Apply 150 mm (6 in.) lengths of 50 mm (2 in.) masking tape spaced 250 mm (10 in.) apart to hold molding in place until urethane cures.

(17) Install rear window side moldings and wiper arm (Fig. 7).

(18) Install interior trim.

(19) After urethane has cured, remove tape strips and water test rear window to verify repair.

* = COMPRESSION
SPACER



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Fig. 8 Lower Rear Window Into Position

SEATS

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REMOVAL AND INSTALLATION

ARM REST

REMOVAL

- Using a screw driver, pry cap from side of arm rest (Fig. 1).
- Remove bolt holding arm rest to seat back.
- Separate arm rest from seat.

INSTALLATION

- Place arm rest in position on seat.
- Install bolt to hold arm rest to seat back.
- Insert cap into side of arm rest (Fig. 1).

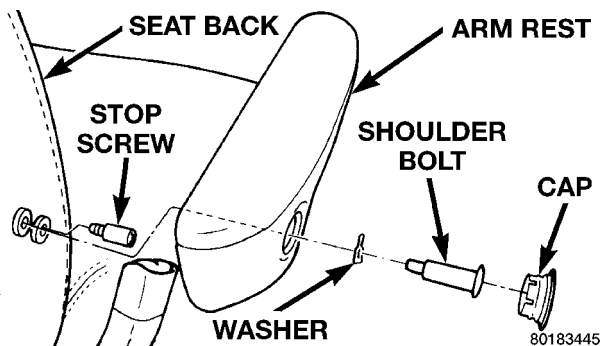


Fig. 1 Arm Rest

HEAD RESTRAINT—BUCKET SEAT

REMOVAL

- Lift head restraint to top of travel.
- Depress lock button on side of sleeve at top of seat back (Fig. 2).

- Pull head restraint from top of seat back.

INSTALLATION

Reverse the preceding operation.

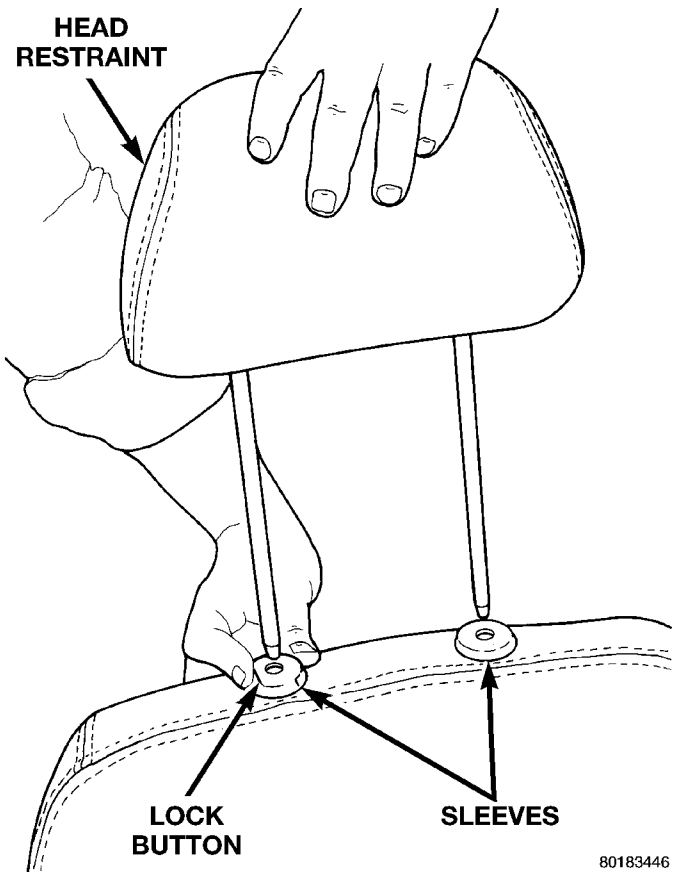


Fig. 2 Head Restraint—Bucket Seat

REMOVAL AND INSTALLATION (Continued)

HEAD RESTRAINT—BENCH SEAT

REMOVAL

- (1) Lift head restraint to top of travel.
- (2) Remove escutcheon from head restraint sleeve.
- (3) Using a small screw driver, depress retainer inward to release head restraint (Fig. 3).
- (4) Pull head restraint from top of seat back (Fig. 4).

INSTALLATION

- (1) Insert retainer and escutcheon into head restraint sleeve (Fig. 5).
- (2) Insert head restraint into sleeve.

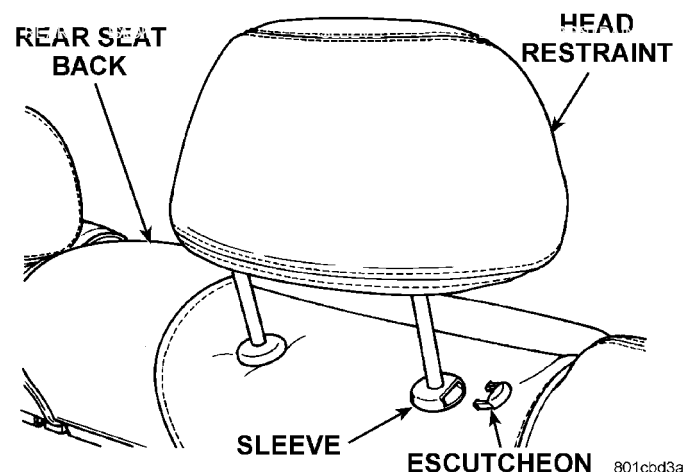


Fig. 3 Head Restraint Sleeve Escutcheon

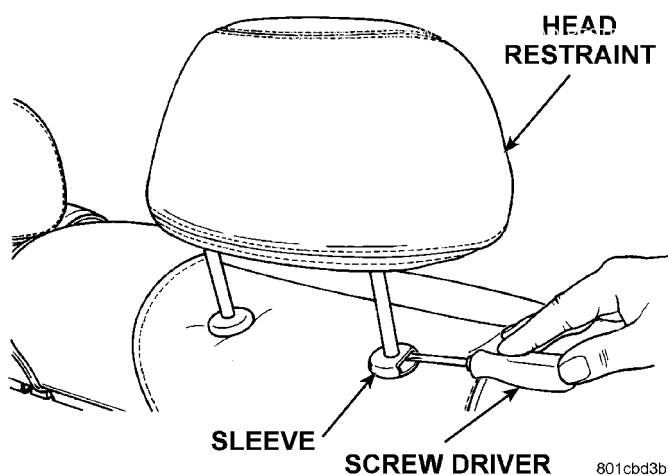


Fig. 4 Release Retainer

BUCKET SEAT BACK ASSIST STRAP

REMOVAL

- (1) Using a small screw driver, pry screw plugs from ends of assist strap (Fig. 6).
- (2) Remove screws holding assist strap to seat back.

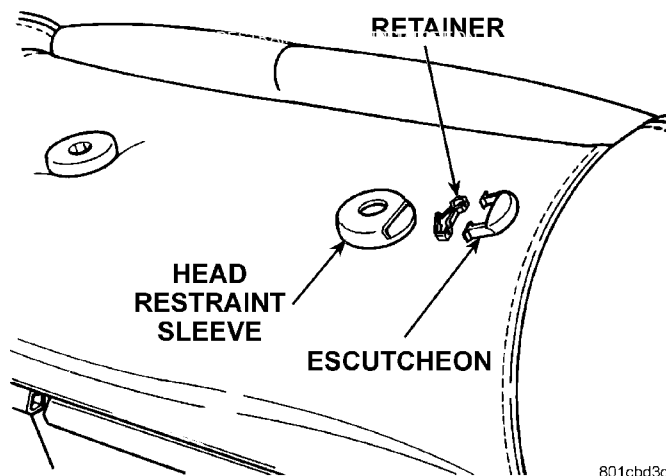


Fig. 5 Install Retainer and Escutcheon

- (3) Separate assist strap from vehicle.

INSTALLATION

- (1) Place assist strap in position on vehicle.
- (2) Install screws to hold assist strap to seat back.
- (3) Insert screw plugs into ends of assist strap (Fig. 6).

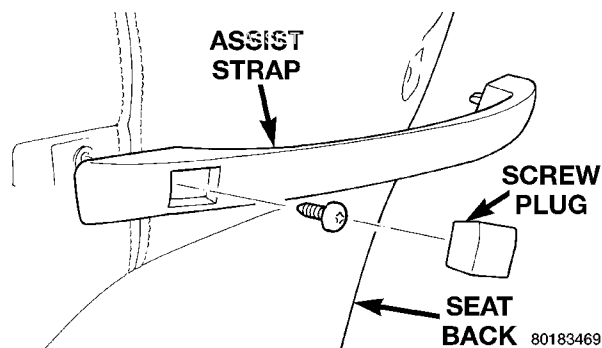


Fig. 6 Bucket Seat Back Assist Strap

HEAD RESTRAINT SLEEVE

REMOVAL

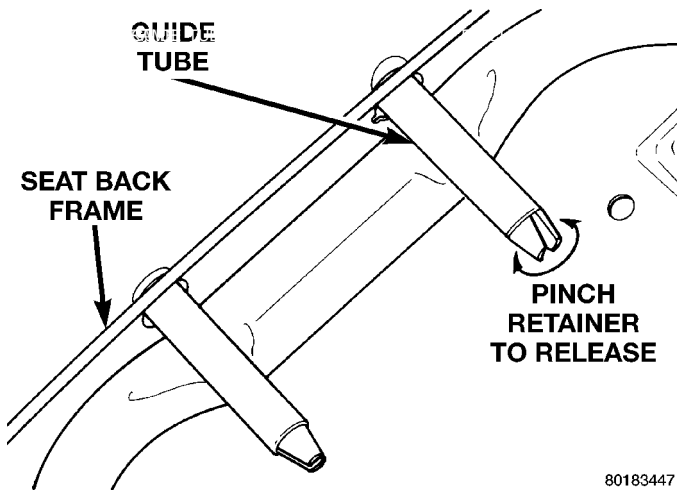
- (1) Remove head restraint.
- (2) Disengage closure holding bottom of trim cover together.
- (3) Reach under trim cover through opening at bottom of seat back.
- (4) Pinch retainer barbs on end of head restraint sleeve together (Fig. 7).
- (5) Pull head restraint sleeve upward and out the top of the seat back frame guide tube (Fig. 8).

INSTALLATION

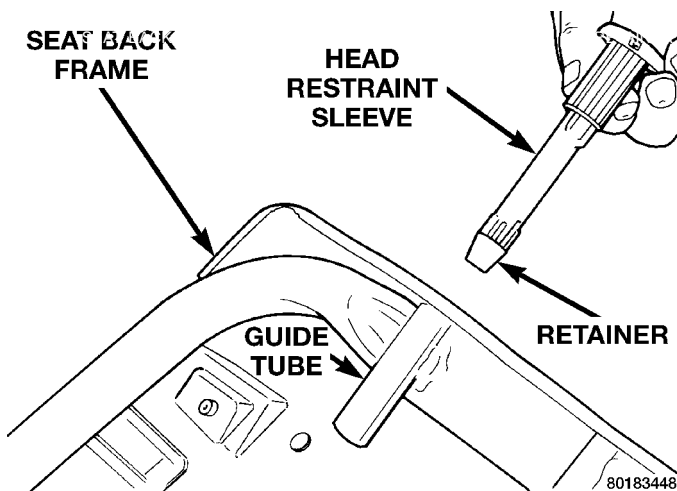
- (1) Insert head restraint sleeve into guide tube at top of seat back.
- (2) Push head restraint sleeve downward until retainer clicks into lock position.

REMOVAL AND INSTALLATION (Continued)

- (3) Engage closure to hold bottom of trim cover together.
- (4) Install head restraint.

**Fig. 7 Head Restraint Sleeve Retainer**

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**Fig. 8 Head Restraint Sleeve**

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RECLINER HANDLE—MANUAL**REMOVAL**

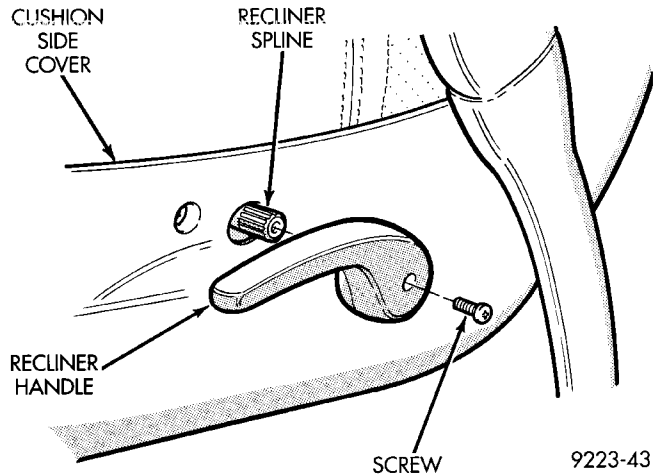
- (1) Remove screw holding recliner handle to recliner spline shaft (Fig. 9).
- (2) Separate recliner handle from spline shaft.

INSTALLATION

- (1) Place recliner handle in position on spline shaft.
- (2) Install screw to hold recliner handle to recliner spline shaft (Fig. 9).

BUCKET SEAT CUSHION SIDE COVER**REMOVAL**

- (1) Remove screws holding seat cushion side cover to bucket seat (Fig. 10).



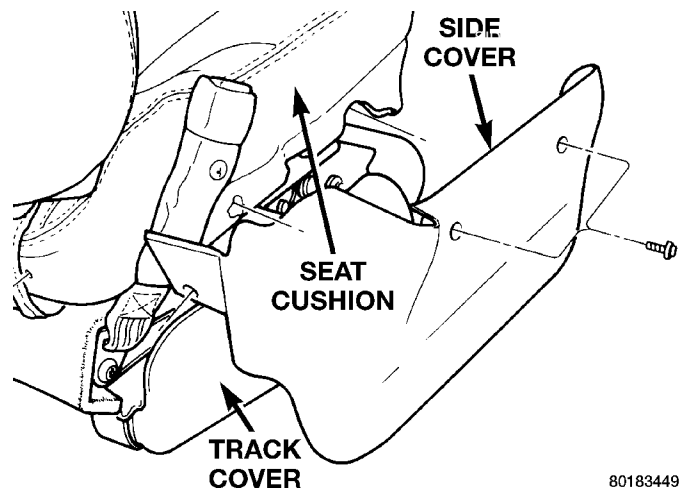
9223-43

Fig. 9 Recliner Handle—Manual

- (2) Slide seat cushion rear listing toward the center of the seat to gain access to rear screw.
- (3) Remove screw holding rear of side cover to seat cushion frame.
- (4) Separate side cover from seat cushion.
- (5) If equipped, disengage wire connector from power seat switch (Fig. 11).

INSTALLATION

- (1) Place side cover in position on seat cushion.
- (2) If equipped, insert wire connector into power seat switch.
- (3) Install screw to hold rear of side cover to seat cushion frame.
- (4) Install screws to hold seat cushion side cover to bucket seat (Fig. 10).

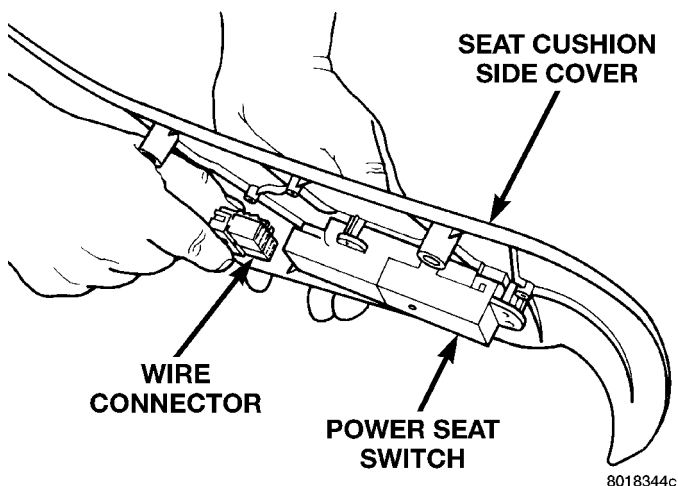


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Fig. 10 Bucket Seat Cushion Side Cover**POWER SEAT SWITCH**

Diagnostic information for power seat switch is located in Group 8R, Power Seats.

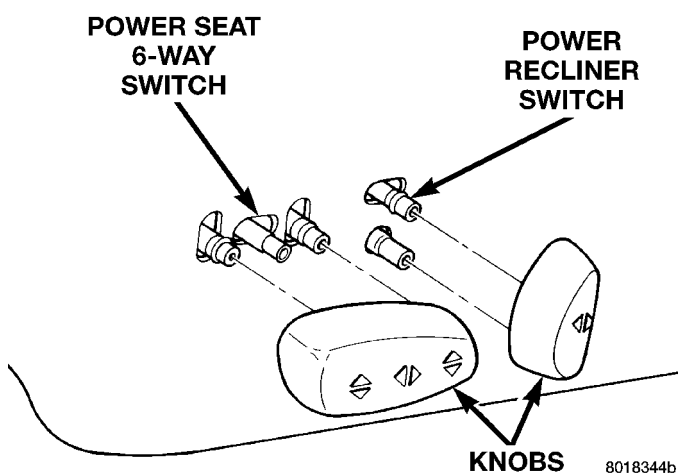
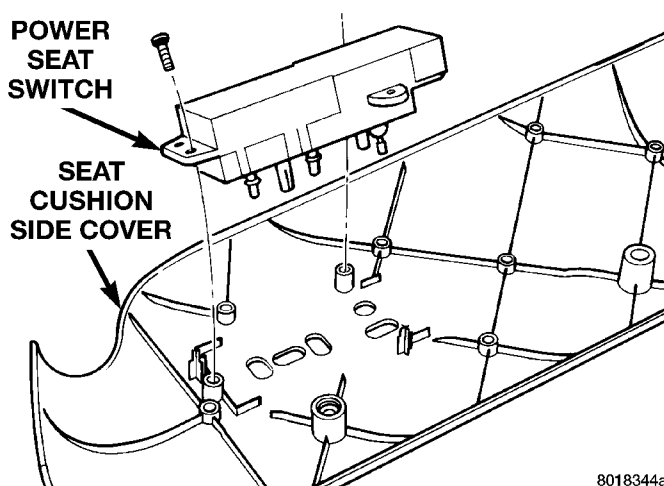
REMOVAL AND INSTALLATION (Continued)

**Fig. 11 Power Seat Switch Wire Connector****REMOVAL**

- (1) Remove seat cushion side cover.
- (2) Disengage wire connector from power seat switch.
- (3) Pry power seat switch knobs straight off switch (Fig. 12).
- (4) Remove screws holding power seat switch to side cover (Fig. 13).
- (5) Separate power seat switch from side cover.

INSTALLATION

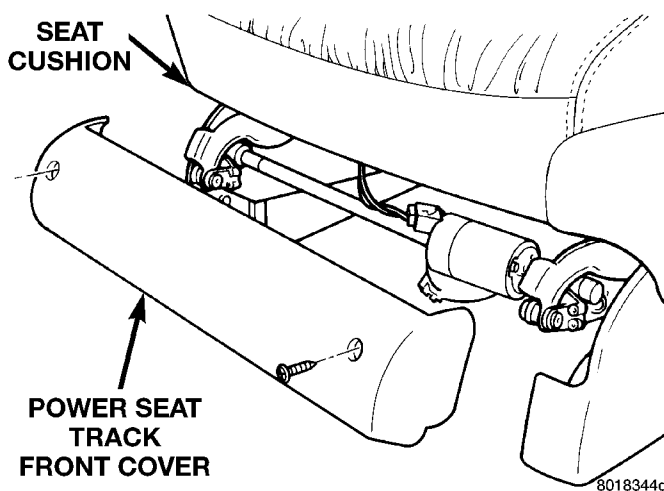
- (1) Place power seat switch in position on side cover.
- (2) Install screws to hold power seat switch to side cover (Fig. 13).
- (3) Push power seat switch knobs straight on switch (Fig. 12).
- (4) Engage wire connector into power seat switch.
- (5) Install seat cushion side cover.

**Fig. 12 Power Seat Switch Knobs****Fig. 13 Power Seat Switch****BUCKET SEAT TRACK FRONT COVER—POWER****REMOVAL**

- (1) Remove screws holding front cover to seat track (Fig. 14).
- (2) Separate front cover from vehicle.

INSTALLATION

- (1) Place front cover in position on seat.
- (2) Install screws to hold front cover to seat track (Fig. 14).

**Fig. 14 Bucket Seat Track Front Cover—Power****BUCKET SEAT TRACK REAR COVER—POWER****REMOVAL**

- (1) Disengage arrowhead retainer from loop strip holding rear cover to power seat track crossbar (Fig. 15).
- (2) Disengage fasteners holding rear cover to slots on power seat track.
- (3) Separate rear cover from seat.

REMOVAL AND INSTALLATION (Continued)

INSTALLATION

- (1) Place rear cover in position on seat.
- (2) Engage fasteners to hold rear cover to slots on power seat track.
- (3) Engage arrowhead retainer into loop strip to hold rear cover to power seat track crossbar (Fig. 15).

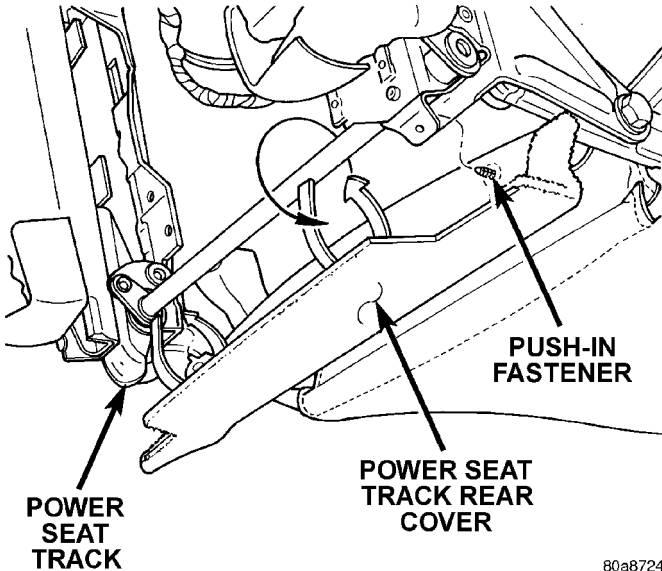


Fig. 15 Bucket Seat Track Rear Cover—Power

BUCKET SEAT CUSHION PAN

REMOVAL

- (1) Remove bucket seat from vehicle.
- (2) Remove seat cushion side covers.
- (3) If equipped, remove power seat track front and rear cover.
- (4) If equipped, remove stowage bin.
- (5) Remove bolts holding seat cushion pan to seat track.
- (6) Separate seat cushion pan from seat.
- (7) Disengage J-strip retainers holding seat cover to cushion pan.
- (8) Separate seat cushion pan from cover and pad.

INSTALLATION

- (1) Place seat cushion pan in position in seat cover and pad.
- (2) Engage J-strip retainers to hold seat cover to cushion pan.
- (3) Place seat cushion pan in position on seat.
- (4) Install bolts to hold seat cushion pan to seat track.
- (5) If equipped, install stowage bin.
- (6) If equipped, install power seat track front and rear cover.
- (7) Install seat cushion side covers.
- (8) Install bucket seat in vehicle.

BUCKET SEAT BACK

REMOVAL

- (1) Remove seat cushion pan.
- (2) Remove nut holding recliner to seat back frame (Fig. 16).
- (3) Remove pivot bolts holding seat back frame to seat track.
- (4) Separate seat back from recliner.

INSTALLATION

- (1) Place seat back mounting stud into recliner.
- (2) Install pivot bolts to hold seat back frame to seat track.
- (3) Install nut to hold recliner to seat back frame (Fig. 16).
- (4) Install seat cushion pan.

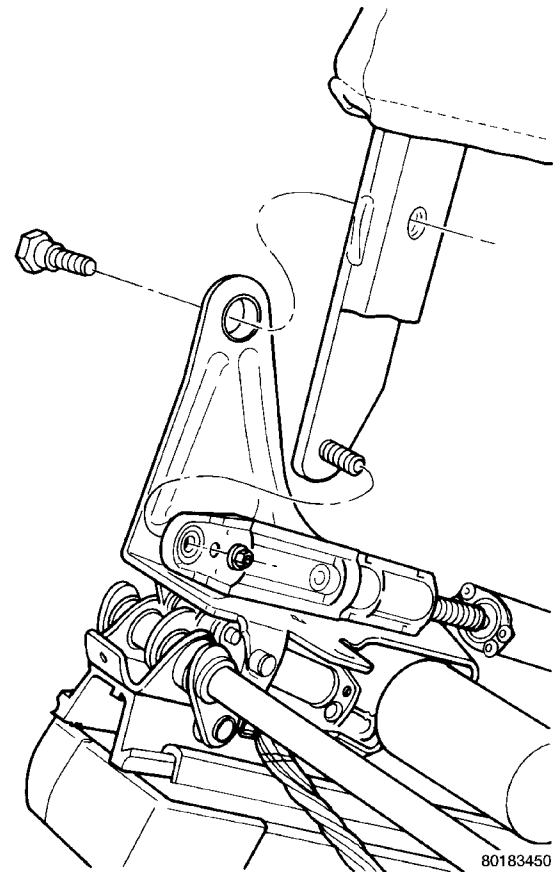


Fig. 16 Bucket Seat Back

UNDER SEAT STORAGE BIN

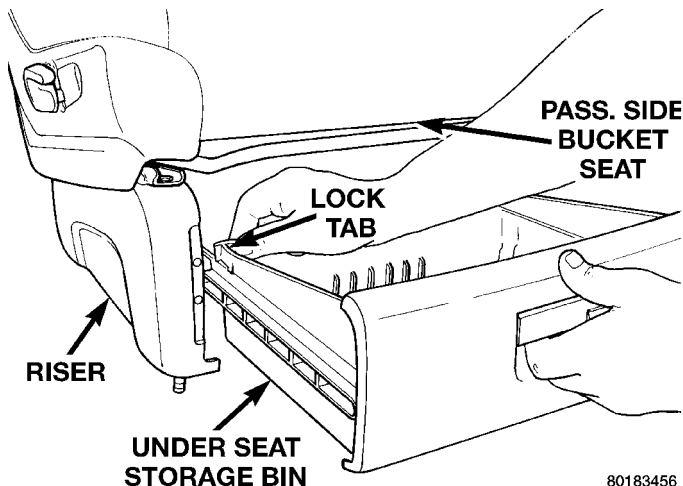
REMOVAL

- (1) Release under seat storage bin latch and open bin.
- (2) Depress lock tabs at the rear/top edge of the storage bin (Fig. 17).
- (3) Pull storage bin from bucket seat riser.

REMOVAL AND INSTALLATION (Continued)

INSTALLATION

- (1) Engage storage bin tracks into guides on each side of seat riser.
- (2) Push storage bin inward until lock tabs snap past retaining ridge on tracks
- (3) Verify storage bin latch operation.

**Fig. 17 Storage Bin**

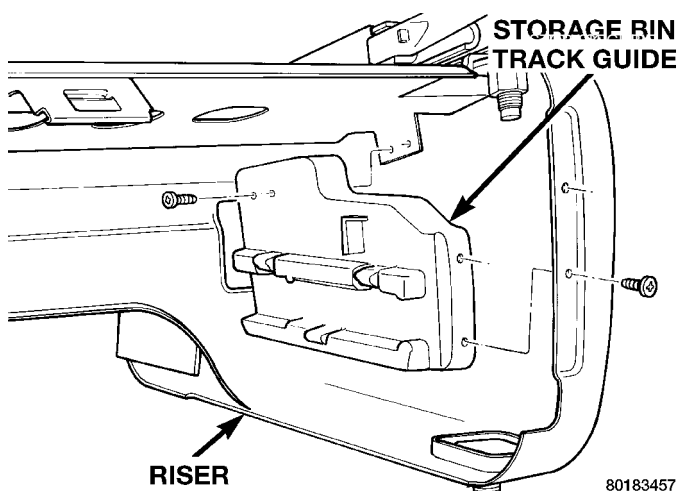
UNDER SEAT STORAGE BIN GUIDE

REMOVAL

- (1) Remove under seat storage bin.
- (2) Remove screws holding storage bin track guide to seat riser (Fig. 18).
- (3) Separate track guide from vehicle.

INSTALLATION

- (1) Place track guide in position on seat riser.
- (2) Install screws to hold storage bin track guide to seat riser (Fig. 18).
- (3) Install under seat storage bin.

**Fig. 18 Under Seat Storage Bin Guide**

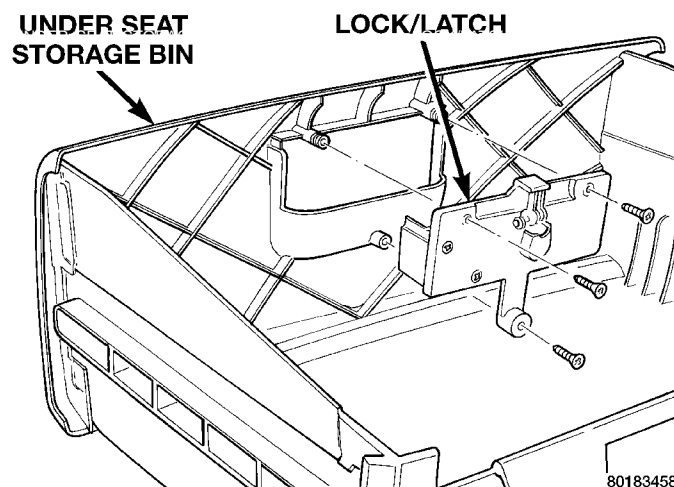
UNDER SEAT STORAGE BIN LOCK/LATCH

REMOVAL

- (1) Open under seat storage bin.
- (2) Remove screws holding under seat storage bin lock/latch to storage bin (Fig. 19).
- (3) Separate lock/latch from bin.

INSTALLATION

- (1) Place lock/latch in position on storage bin.
- (2) Install screws to hold lock/latch to storage bin (Fig. 19).
- (3) Verify under seat storage bin latch operation.

**Fig. 19 Under Seat Storage Bin Lock/Latch**

BUCKET SEAT RISER—MANUAL TRACK

REMOVAL

- (1) Remove seat from vehicle.
- (2) If equipped, remove storage bin from riser.
- (3) Remove nuts holding riser to manual seat track (Fig. 20).
- (4) Separate riser from seat.

INSTALLATION

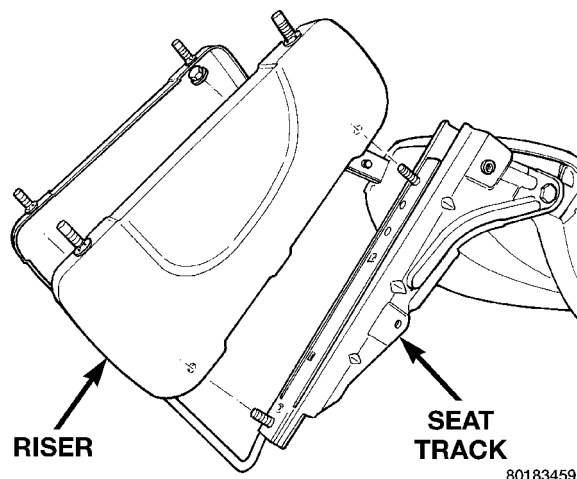
- (1) Place riser in position on seat.
- (2) Install nuts to hold riser to manual seat track (Fig. 20).
- (3) If equipped, install storage bin into riser.
- (4) Install seat into vehicle.

BUCKET SEAT RECLINER—MANUAL

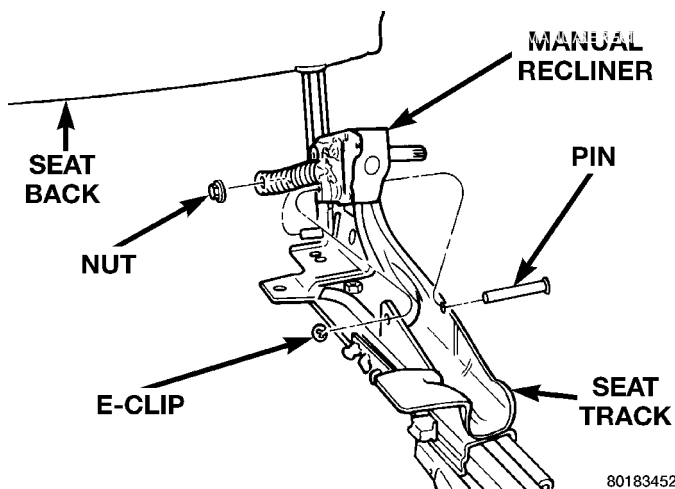
REMOVAL

- (1) Remove bucket seat cushion pan.
- (2) Remove E-clip holding pin in seat track.
- (3) Remove pin holding manual recliner to seat track (Fig. 21).
- (4) Remove nut holding recliner to seat back frame.
- (5) Separate recliner from seat.

REMOVAL AND INSTALLATION (Continued)

**Fig. 20 Bucket Seat Riser—Manual Track****INSTALLATION**

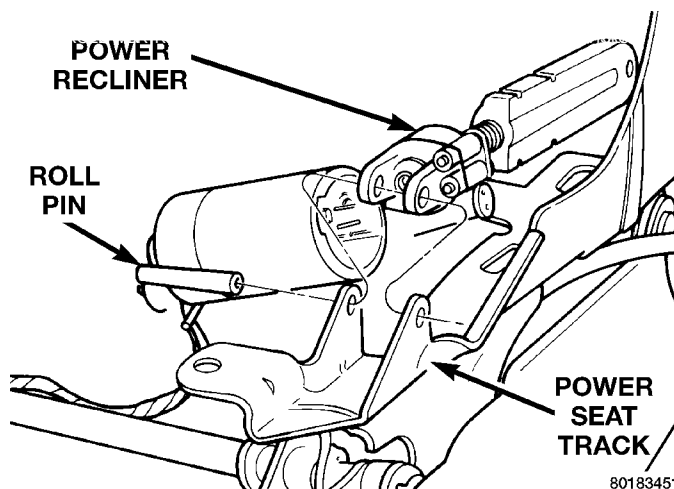
- (1) Place recliner in position on seat.
- (2) Insert stud on seat back through hole in recliner.
- (3) Install nut to hold recliner to seat back frame.
- (4) Install roll pin to hold manual recliner to seat track (Fig. 21).
- (5) Install E-clip to hold pin in seat track.
- (6) Install bucket seat cushion pan.

**Fig. 21 Bucket Seat Recliner—Manual
BUCKET SEAT RECLINER—POWER****REMOVAL**

- (1) Remove seat cushion pan.
- (2) Remove nut holding seat back frame to recliner.
- (3) Using a suitable punch, remove roll pin holding recliner to seat track (Fig. 22).
- (4) Separate recliner from seat track.
- (5) Separate recliner from stud on seat back frame.
- (6) Disengage wire connector from power recliner.
- (7) Separate power recliner from seat.

INSTALLATION

- (1) Place power recliner in position on seat.
- (2) Engage wire connector into power recliner.
- (3) Insert stud on seat back through hole in recliner.
- (4) Place recliner in position on seat track.
- (5) Install roll pin to hold recliner to seat track (Fig. 22).
- (6) Install nut to hold seat back frame to recliner.
- (7) Install seat cushion pan.

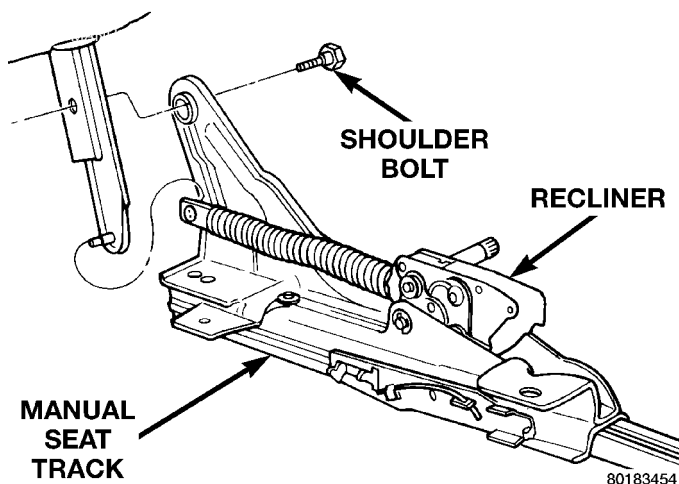
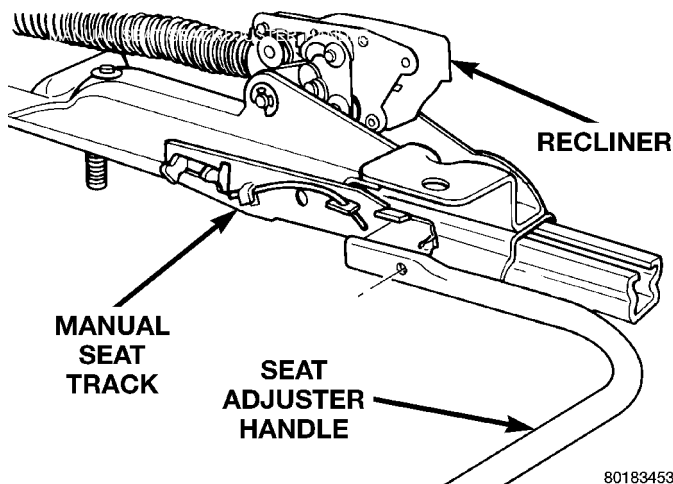
**Fig. 22 Bucket Seat Recliner—power
BUCKET SEAT TRACK—MANUAL****REMOVAL**

- (1) Remove seat from vehicle.
- (2) Remove seat cushion pan.
- (3) Remove riser.
- (4) On inboard track, remove nut holding recliner to seat back frame.
- (5) Remove bolt holding seat back frame to seat track (Fig. 23).
- (6) Separate seat track from seat adjuster handle (Fig. 24).
- (7) Separate seat track from seat.

INSTALLATION

- (1) Place seat track in position on seat.
- (2) Place adjuster handle in position on seat track (Fig. 24).
- (3) Insert stud on seat back frame into recliner.
- (4) Install bolt to hold seat back frame to seat track (Fig. 23).
- (5) On inboard track, install nut to hold recliner to seat back frame.
- (6) Install riser.
- (7) Install seat cushion pan.
- (8) Install seat in vehicle.

REMOVAL AND INSTALLATION (Continued)

**Fig. 23 Bucket Seat Track—Manual****Fig. 24 Seat Track Adjuster Handle****SEAT TRACK—POWER**

The power seat track and motors are serviced as an assembly.

REMOVAL

- (1) Remove seat from vehicle.
- (2) Remove seat cushion pan.
- (3) Remove nut holding recliner to seat back frame.
- (4) Remove bolts holding seat back frame to seat track.
- (5) Separate stud on seat back frame from recliner.
- (6) Separate seat back from recliner.

INSTALLATION

If power seat track is being replaced, transfer power recliner, wire harness and trim covers to replacement seat track.

- (1) Insert stud on seat back frame into recliner.
- (2) Install bolts to hold seat back frame to seat track.
- (3) Install nut to hold recliner to seat back frame.

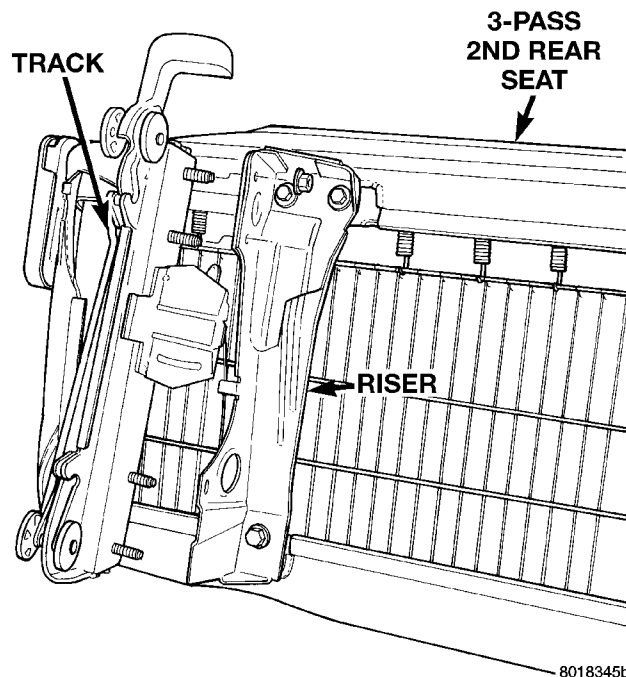
- (4) Install seat cushion pan.
- (5) Install seat in vehicle.

BENCH SEAT TRACK—2nd REAR**REMOVAL**

- (1) Remove 2nd rear seat from vehicle. Refer to Owner's Manual for proper procedure.
- (2) Place seat on clean covered work surface bottom side up.
- (3) Disengage seat track adjuster link wire from track being removed.
- (4) Remove nuts holding track to seat riser (Fig. 25).
- (5) Separate track from seat riser.

INSTALLATION

- (1) Place track in position on seat riser.
- (2) Install nuts to hold track to seat riser. (Fig. 25).
- (3) Engage seat track adjuster link wire onto track being installed.
- (4) Install 2nd rear seat from vehicle.

**Fig. 25 Bench Seat Track—2nd Rear****BENCH SEAT RISER—2nd REAR****REMOVAL**

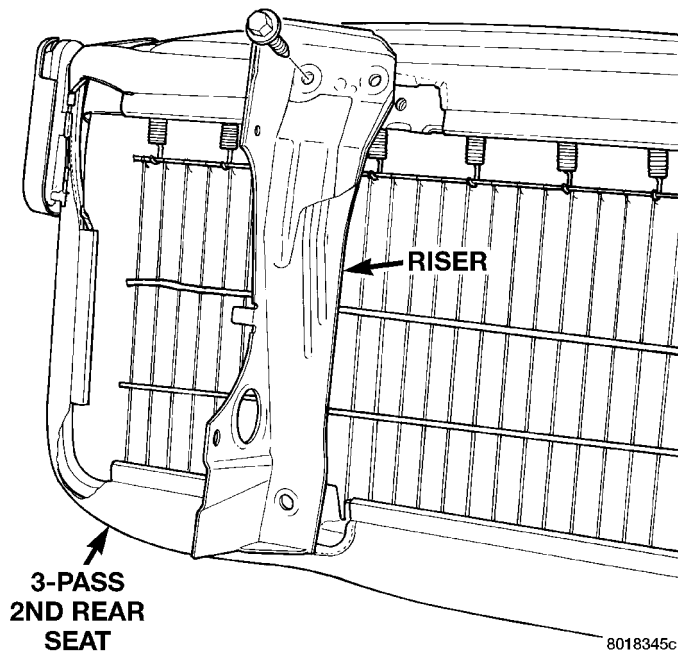
- (1) Remove seat track.
- (2) Remove bolts holding riser to seat cushion frame (Fig. 26).
- (3) Separate riser from seat.

INSTALLATION

- (1) Place riser in position on seat.

REMOVAL AND INSTALLATION (Continued)

- (2) Install bolts to hold riser to seat cushion frame (Fig. 26).
- (3) Install seat track.

**Fig. 26 Bench Seat Riser—2nd Rear****BENCH SEAT RISER—1st REAR****REMOVAL**

- (1) Remove 1st rear seat from vehicle. Refer to Owner's Manual for proper procedures.
- (2) Place seat bottom side up on a clean covered work surface.
- (3) Remove bolts holding seat riser to seat cushion frame (Fig. 27).
- (4) Separate riser from seat.

INSTALLATION

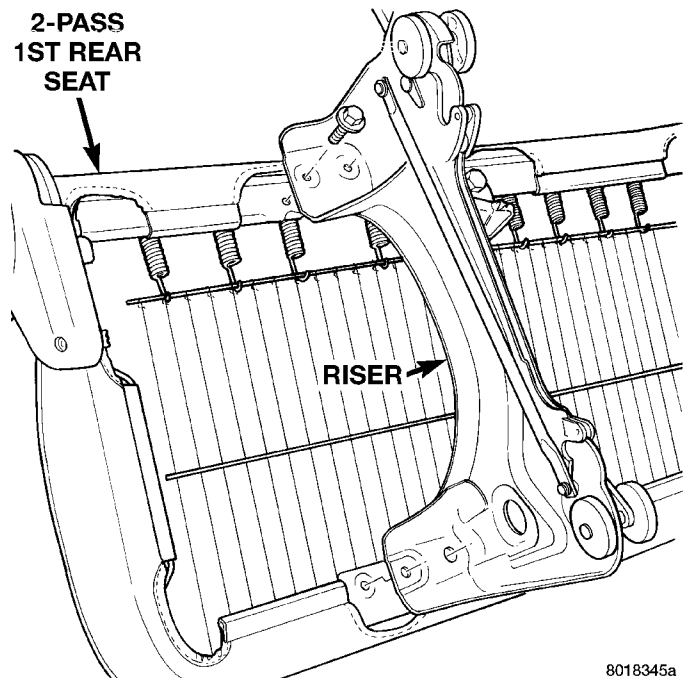
- (1) Place riser in position on seat.
- (2) Install bolts to hold seat riser to seat cushion frame (Fig. 27).
- (3) Install 1st rear seat into vehicle.

BENCH SEAT BACK COVER**REMOVAL**

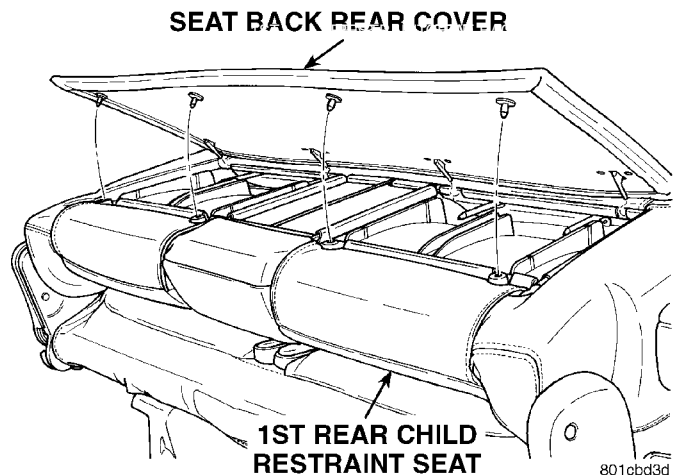
- (1) Using a fork type prying tool (C4829), disengage push-in fasteners holding bottom of seat back cover to seat back frame (Fig. 28).
- (2) Disengage hooks holding top of seat back cover to seat back frame.
- (3) Separate seat back cover from seat.

INSTALLATION

- (1) Place seat back cover in position on seat.

**Fig. 27 Bench Seat Riser—1st Rear**

- (2) Engage hooks to hold top of seat back cover to seat back frame.
- (3) Engage push-in fasteners to hold bottom of seat back cover to seat back frame (Fig. 28).

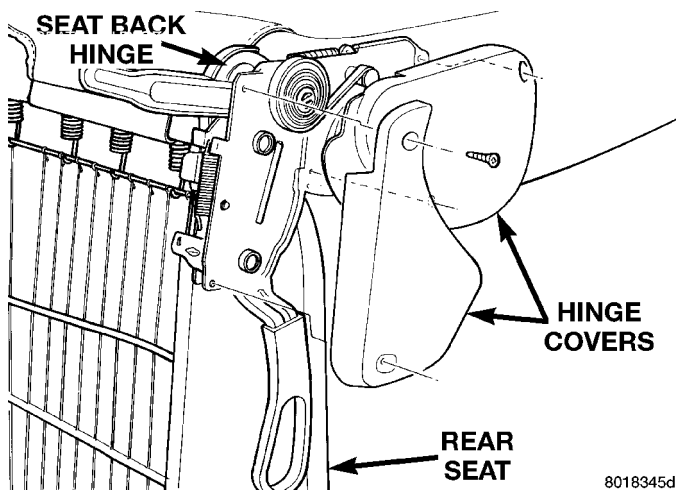
**Fig. 28 Bench Seat Back Cover****BENCH SEAT BACK HINGE COVERS****REMOVAL**

- (1) If necessary, remove seat from vehicle. Refer to Owner's Manual for proper procedures.
- (2) Remove screws holding lower cover to seat back hinge (Fig. 29).
- (3) Separate lower cover from hinge.
- (4) Remove screws holding upper hinge cover to seat back hinge.
- (5) Separate upper cover from seat back hinge.

REMOVAL AND INSTALLATION (Continued)

INSTALLATION

- (1) Place upper cover in position on seat back hinge.
- (2) Install screws to hold upper hinge cover to seat back hinge.
- (3) Place lower cover in position on hinge.
- (4) Install screws to hold lower cover to seat back hinge (Fig. 29).
- (5) If necessary, install seat in vehicle.

**Fig. 29 Bench Seat Back Hinge Covers**

BENCH SEAT BACK HINGE

Bench seats equipped with child restraint seats have an interlock feature that will not allow the seat back to fold forward with the child seat open.

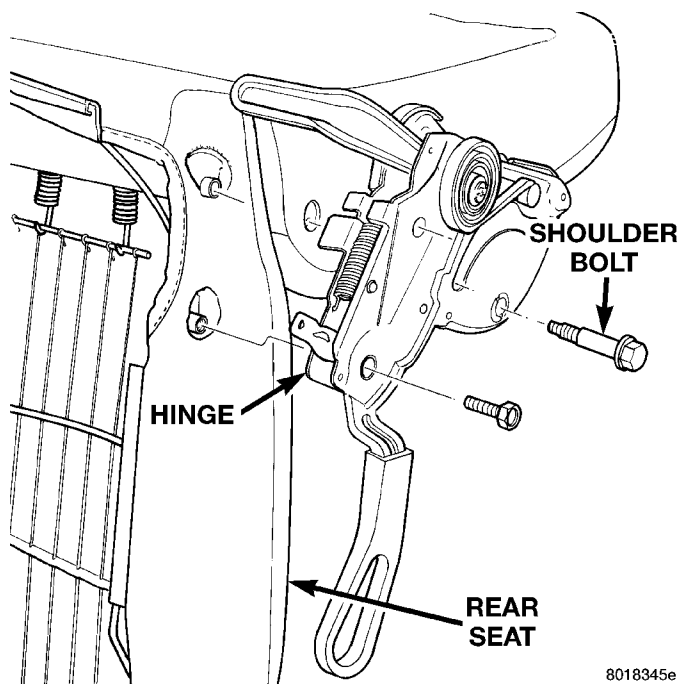
REMOVAL

- (1) Remove bench seat back hinge covers.
- (2) Remove shoulder bolts holding seat back hinge to seat back frame (Fig. 30).
- (3) Remove bolts holding seat back hinge to seat cushion frame.
- (4) Separate seat back hinge from seat.
- (5) Disengage synchronizing cable housing from seat back hinge.
- (6) Disengage synchronizing cable end from (clip on left side) hinge latch release arm.
- (7) Separate hinge from seat.

INSTALLATION

- (1) Place hinge in position on seat.
- (2) Engage synchronizing cable end into (clip on left side) hinge latch release arm.
- (3) Engage synchronizing cable housing into seat back hinge.
- (4) Place seat back hinge in position on seat.
- (5) Install bolts to hold seat back hinge to seat cushion frame.
- (6) Install shoulder bolts to hold seat back hinge to seat back frame (Fig. 30).
- (7) Install bench seat back hinge covers.

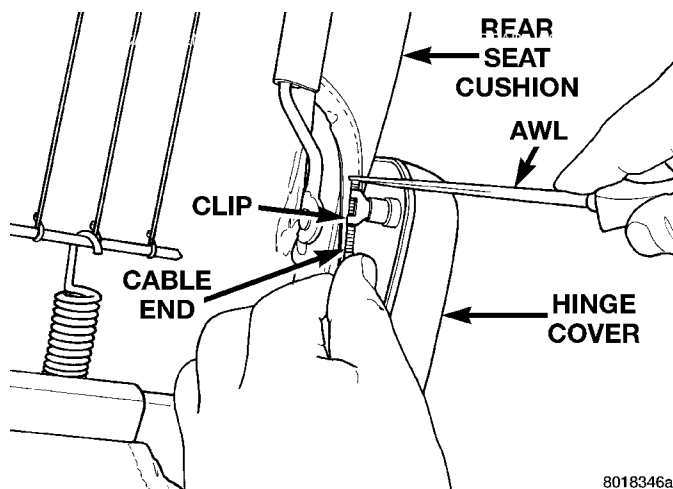
- (8) Verify seat back hinge operation.

**Fig. 30 Bench Seat Back Hinge**

SYNCHRONIZING CABLE ADJUSTMENT

If the seat back hinges do not release at the same time the synchronizing cable must be adjusted.

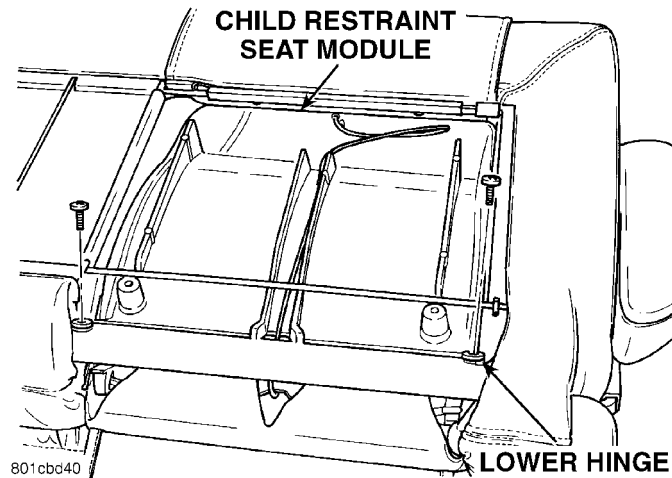
- (1) Remove seat from vehicle. Refer to Owner's Manual for proper procedures (Fig. 31).
- (2) Using a awl, pry synchronizing cable end from clip on left seat back hinge.
- (3) Pull cable out of housing until cable is tight.
- (4) Push retaining clip on hinge latch release arm rearward to take up play in hinge mechanism.
- (5) Engage cable end into retaining clip on hinge.

**Fig. 31 SYNCHRONIZING CABLE ADJUSTMENT**

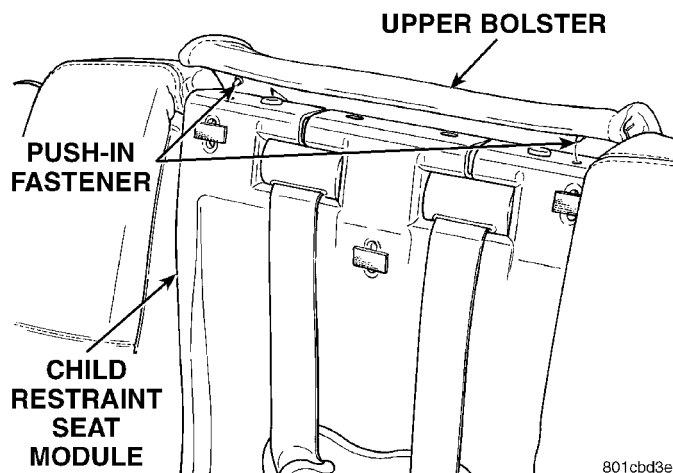
REMOVAL AND INSTALLATION (Continued)

CHILD RESTRAINT SEAT MODULE**REMOVAL**

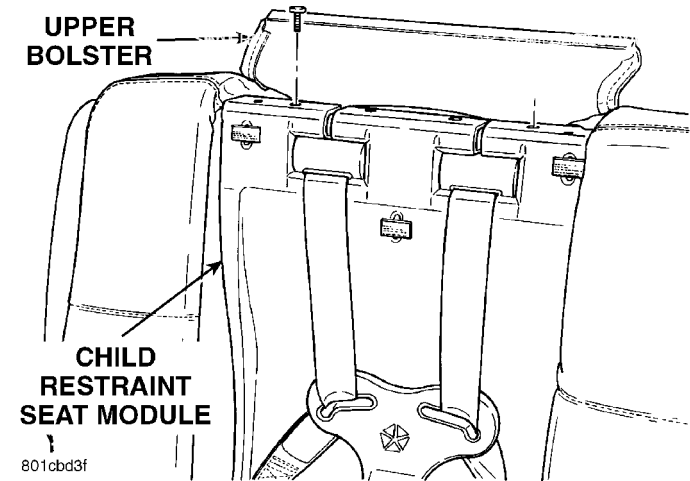
- (1) Close child restraint seat.
- (2) Remove seat back cover.
- (3) Remove screws holding child restraint seat module hinges to seat back frame lower rail (Fig. 32).

**Fig. 32 Child Restraint Seat Lower Hinge**

- (4) Return seat back to upright position.
- (5) Disengage push-in fasteners holding upper bolster to child restraint seat module (Fig. 33).

**Fig. 33 Child Restraint Seat Upper Bolster**

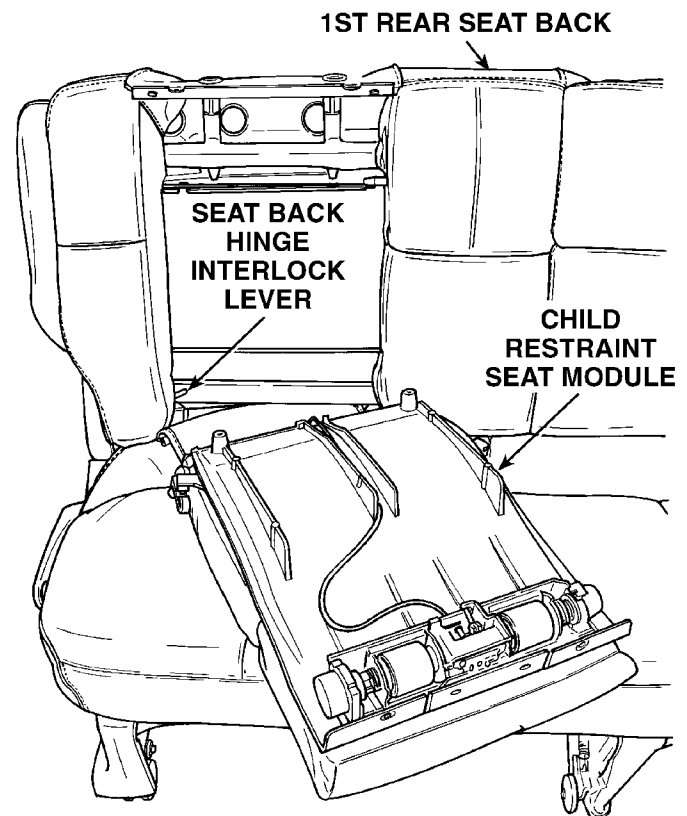
- (6) Remove screws holding top of module to seat back frame upper rail (Fig. 34).

**Fig. 34 Child Restraint Seat Upper Screws**

- (7) Separate child restraint seat module from seat back (Fig. 35).

INSTALLATION

- (1) Place child restraint seat module in position on seat back (Fig. 35).

**Fig. 35 Child Restraint Seat Module**

REMOVAL AND INSTALLATION (Continued)

(2) Position seat back hinge interlock lever over the top of the outboard child restraint seat hinge (Fig. 36).

(3) Install screws to hold child restraint seat module hinges to seat back frame lower rail (Fig. 32).

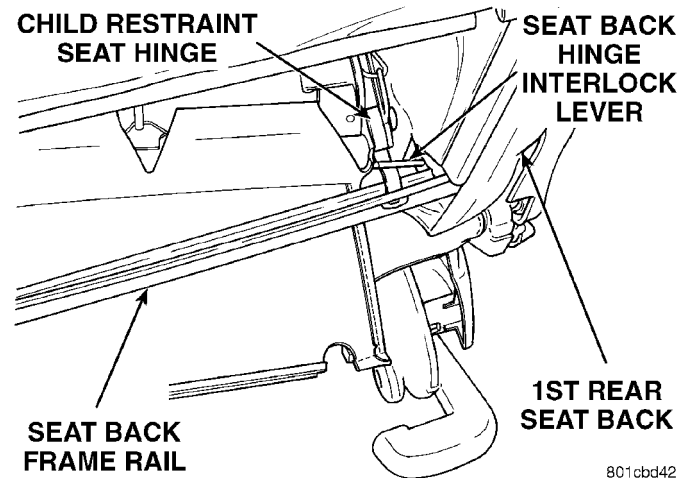
(4) Install screws to hold top of module to seat back frame upper rail (Fig. 34).

(5) Engage push-in fasteners to hold upper bolster to child restraint seat module (Fig. 33).

(6) Return seat back to folded position.

(7) Install seat back cover.

(8) Verify child restraint seat operation.



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Fig. 36 Interlock Lever

BODY COMPONENT SERVICE

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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.

DIAGNOSIS AND TESTING (Continued)

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

MIRROR INSPECTION METHOD

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

BRIGHT LIGHT LEAK TEST METHOD

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

PRESSURIZED LEAK TEST METHOD

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

WIND NOISE

Wind noise is the result of most air leaks. Air leaks can be caused by poor sealing, improper body component alignment, body seam porosity, or missing plugs in the engine compartment or door hinge pillar areas. All body sealing points should be airtight in normal driving conditions. Moving sealing surfaces will not always seal airtight under all conditions. At times, side glass or door seals will allow wind noise to be noticed in the passenger compartment during high 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.

REMOVAL AND INSTALLATION

GRILLE

REMOVAL

- (1) Remove front fascia. Refer to Group 13, Frame and Bumpers, for proper procedures.
- (2) Disengage clips holding grille to front fascia (Fig. 1).
- (3) Remove plastic rivets holding grille to fascia.
- (4) Separate grille from fascia.

INSTALLATION

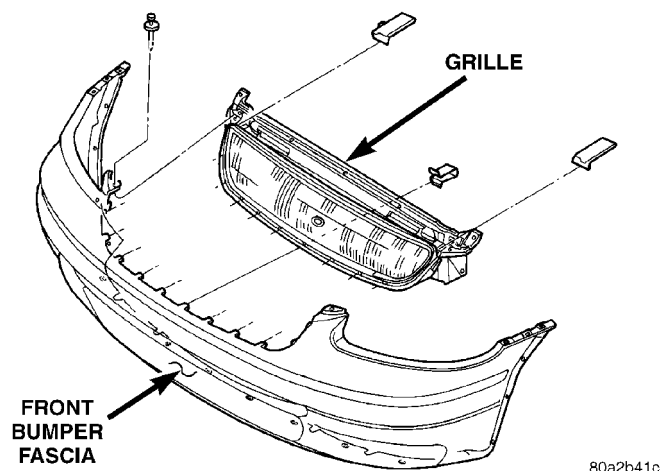
- (1) Position grille on fascia.
- (2) Install plastic rivets to hold grille to fascia.
- (3) Install clips to hold grille to fascia along bottom of grille.
- (4) Install front fascia. Refer to Group 13, Frame and Bumpers, for proper procedure.

RADIATOR CLOSURE PANEL CROSSMEMBER

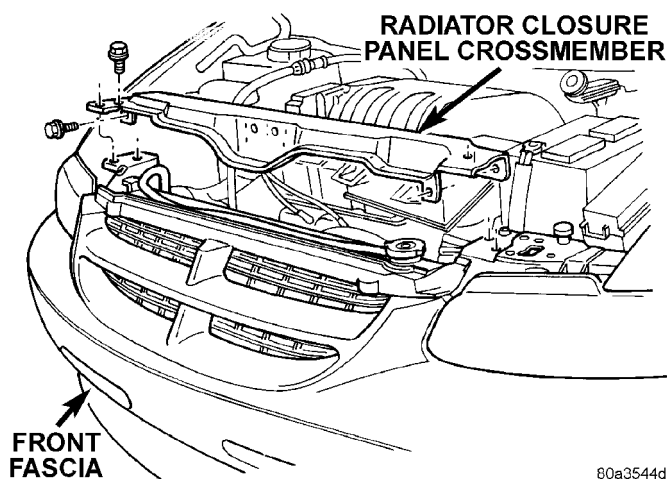
REMOVAL

- (1) Release hood latch and open hood.

REMOVAL AND INSTALLATION (Continued)

**Fig. 1 Grille**

- (2) Mark outline of hood latch on crossmember to aid installation.
- (3) Remove bolts holding hood latch to crossmember and position latch out of the way.
- (4) Remove radiator sight shield.
- (5) Remove engine air inlet resonator.
- (6) Remove bolt holding air cleaner housing to crossmember.
- (7) Remove screw holding coolant recovery bottle to crossmember.
- (8) Remove bolts holding radiator isolators to crossmember.
- (9) Remove bolts holding ends of crossmember to radiator closure panel (Fig. 2).
- (10) Lift crossmember upward and away from radiator closure panel.
- (11) Separate crossmember from vehicle.

**Fig. 2 Radiator Closure Panel Crossmember****INSTALLATION**

- (1) Place radiator closure panel crossmember in position on vehicle.

(2) Insert ends of crossmember between layered metal sections of radiator closure panel at each side of radiator.

(3) Install bolts to hold ends of crossmember to radiator closure panel (Fig. 2).

(4) Install bolts to hold radiator isolators to crossmember.

(5) Install screw to hold coolant recovery bottle to crossmember.

(6) Install bolt to hold air cleaner housing to crossmember.

(7) Install engine air inlet resonator.

(8) Install radiator sight shield.

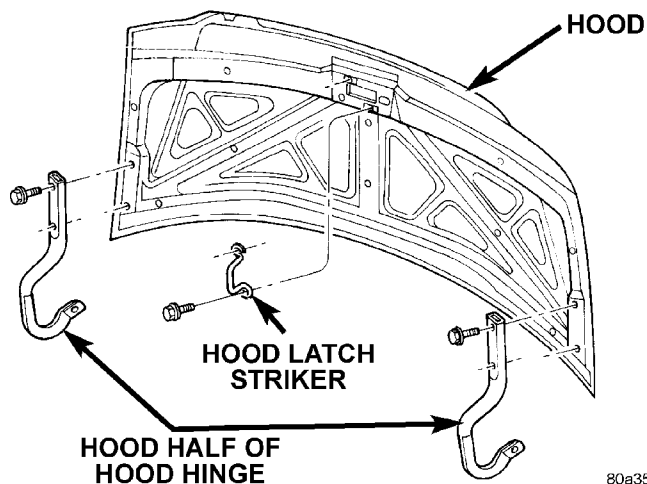
(9) Align hood latch to marks on crossmember.

(10) Install bolts to hold hood latch to crossmember.

(11) Verify hood latch operation and hood alignment.

HOOD**REMOVAL**

- (1) Raise hood to full up position.
- (2) Mark all bolt and hinge attachment locations with a grease pencil or other suitable device to provide reference marks for installation.
- (3) Remove the top bolts holding hood to hinge and loosen the bottom bolts until they can be removed by hand (Fig. 3).
- (4) With assistance from a helper at the opposite side of the vehicle to support the hood, remove bottom bolts holding hood to hinge.
- (5) Separate the hood from the vehicle.

**Fig. 3 Hood****INSTALLATION**

- (1) Place hood in position on vehicle. With assistance from a helper at the opposite side of the vehicle to support the hood, install bottom bolts to hold hood to hinge finger tight.

REMOVAL AND INSTALLATION (Continued)

(2) Install top bolts to hold hood to hinge finger tight.

(3) Position bolts at 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.

(4) Verify hood operation and alignment.

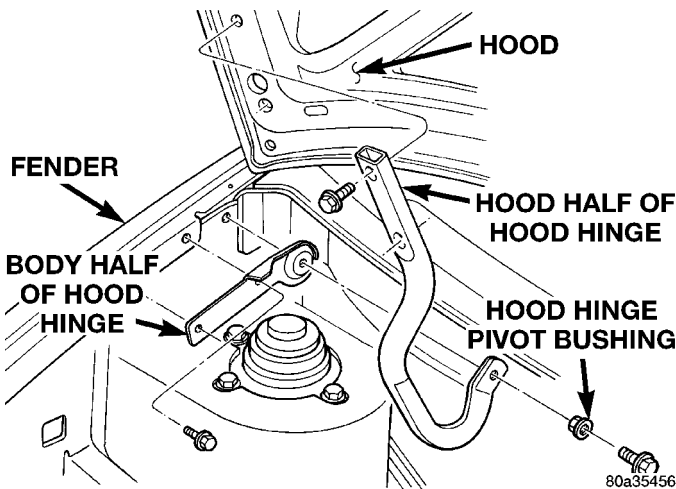
HOOD HINGE**REMOVAL**

(1) Remove hood.

(2) Remove wiper unit. Refer to Group 8K, Windshield Wipers and Washers, for procedure.

(3) Mark all bolt and hinge attachment locations with a grease pencil or other suitable device to provide reference marks for installation.

(4) Remove bolts holding body half of hood hinge to front fender flange and separate hinge from vehicle (Fig. 4).

**Fig. 4 Hood Hinge****INSTALLATION**

(1) If necessary, paint new hinge before installation.

(2) Place body half of hood hinge in position on vehicle.

(3) Install bolts to hold hood hinge to front fender flange.

(4) Install wiper unit. Refer to Group 8K, Windshield Wipers and Washers, for procedure.

(5) Install hood.

(6) 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.

HOOD LATCH STRIKER**REMOVAL**

(1) Release hood latch and open hood.

(2) Remove bolts holding striker to inside of hood (Fig. 3).

(3) Separate hood latch striker from vehicle.

INSTALLATION

(1) Position hood latch striker on vehicle.

(2) Install bolts to hold hood latch striker to hood.

(3) Align hood latch striker to engage smoothly into hood latch.

(4) Verify hood operation and alignment. Adjust as necessary.

(5) Torque bolts to 100 – 140 in. lbs.

HOOD LATCH**REMOVAL**

(1) Release hood latch and open hood.

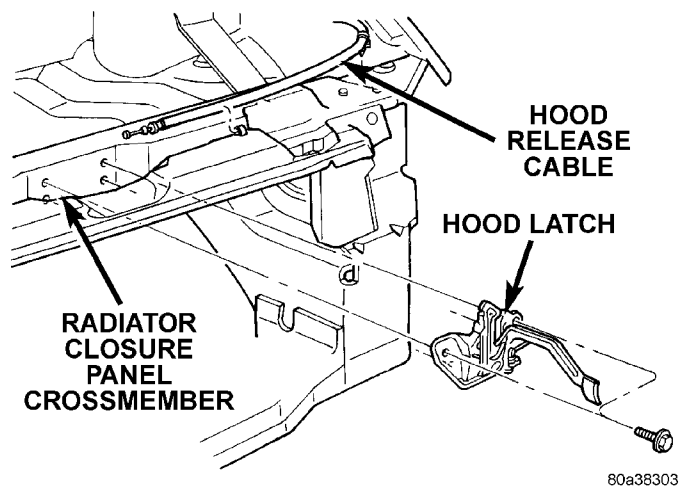
(2) Mark perimeter outline of latch on crossmember to aid installation.

(3) Remove bolts holding hood latch to radiator closure panel crossmember (Fig. 5).

(4) Separate hood latch from crossmember.

(5) Disconnect hood release cable from hood latch (Fig. 7).

(6) Separate hood latch from vehicle.

**Fig. 5 Hood Latch****INSTALLATION**

(1) Position hood latch on vehicle.

(2) Connect hood release cable from hood latch.

(3) Position hood latch on crossmember.

(4) Align hood latch to outline of latch on crossmember.

(5) Install bolts to hold hood latch to radiator closure panel crossmember.

(6) Verify hood operation and alignment. Adjust as necessary.

(7) Torque bolts to 100 – 140 in. lbs.

REMOVAL AND INSTALLATION (Continued)

HOOD RELEASE CABLE

REMOVAL

- (1) Remove hood latch.
- (2) Disengage cable end from hood latch locking mechanism.
- (3) Slide cable case end sideways in keyhole slot of hood latch while pinching barb on cable case closed.
- (4) Separate cable from latch (Fig. 7).
- (5) Remove hood release handle from instrument panel.
- (6) Disengage rubber grommet cable insulator from hole in dash panel.
- (7) Attach a suitable length of mechanic's wire to latch end of cable to assist cable installation.
- (8) Route cable back from latch through engine compartment toward dash panel near power brake booster (Fig. 6).
- (9) Remove attaching clips from cable case.
- (10) From inside vehicle, pull cable through dash panel until mechanic's wire is exposed.
- (11) Disconnect cable from mechanic's wire.
- (12) Separate hood release cable from vehicle.

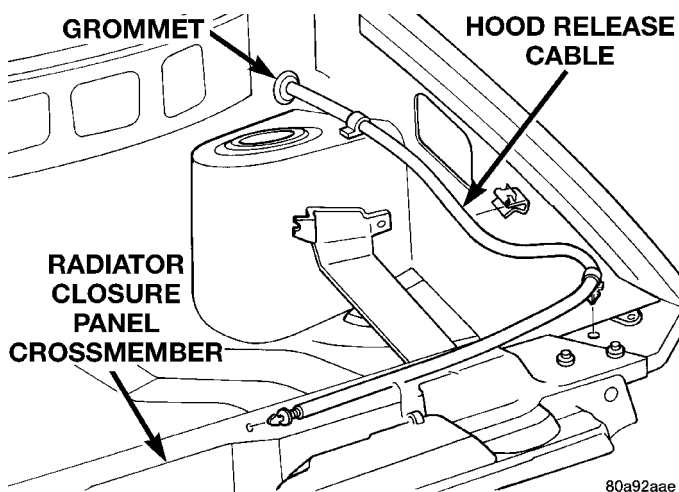


Fig. 6 Hood Release Cable Routing

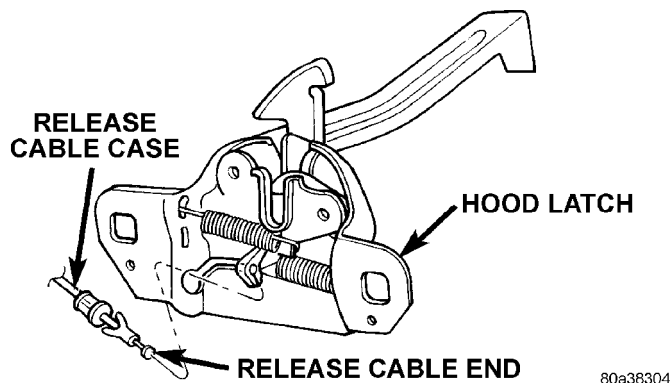


Fig. 7 Hood Release Cable End Attachment

INSTALLATION

- (1) Place hood release cable in position under instrument panel.
- (2) Attach latch end of hood release cable to mechanic's wire protruding through dash panel.
- (3) Route cable forward through engine compartment toward latch by pulling on mechanic's wire (Fig. 6).
- (4) Disconnect mechanic's wire from cable.
- (5) Engage rubber grommet cable insulator into hole in dash panel.
- (6) Install hood release handle into instrument panel.
- (7) Place cable in position on latch.
- (8) Slide cable case end sideways into keyhole slot of hood latch.
- (9) Engage cable end into hood latch locking mechanism.
- (10) Install hood latch.
- (11) Install attaching clips to cable case and install clips into original holes in strut tower, fender, headlamp area, and radiator closure panel crossmember.

HOOD RELEASE HANDLE

REMOVAL

- (1) Remove lower steering column cover and knee blocker reinforcement.
- (2) Remove hood latch cable.
- (3) Remove screws holding hood latch release handle to instrument panel brace (Fig. 8).
- (4) Separate hood latch release handle from vehicle.

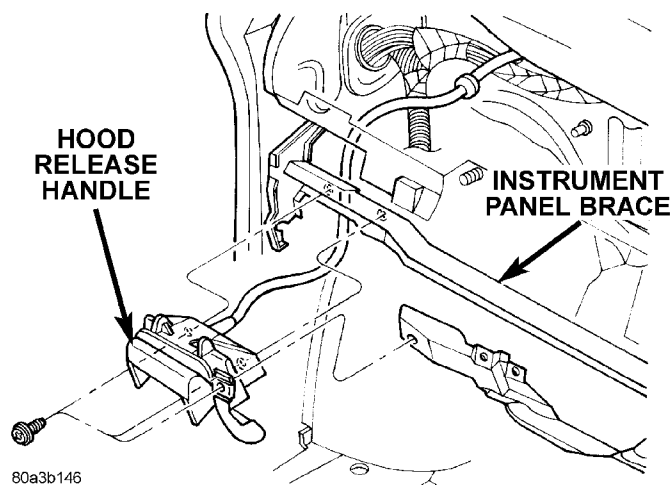


Fig. 8 Hood Release Handle

INSTALLATION

- (1) Position hood latch release handle on vehicle.
- (2) Install screws to hold hood latch release handle to instrument panel brace.
- (3) Install hood latch cable.
- (4) Install lower steering column cover and knee blocker reinforcement.

REMOVAL AND INSTALLATION (Continued)

COWL COVER

REMOVAL

- (1) Remove wiper arms. Refer to Group 8K, Windshield Wipers and Washers.
- (2) Remove screws holding lower area of cowl cover to wiper module (Fig. 9).
- (3) Disengage quarter turn fasteners holding outer ends of cowl cover to wiper module.
- (4) Release hood latch and open hood.
- (5) Remove wing nuts holding front of cowl cover to wiper module.
- (6) Close hood. Do not latch. Remove outboard screws. (Fig. 10).
- (7) Lift cowl cover upward enough to gain access to right washer hose.
- (8) Disengage washer hose from right washer nozzle.
- (9) Close hood. Do not latch.
- (10) Separate cowl cover from vehicle.

INSTALLATION

Reverse the preceding operation.

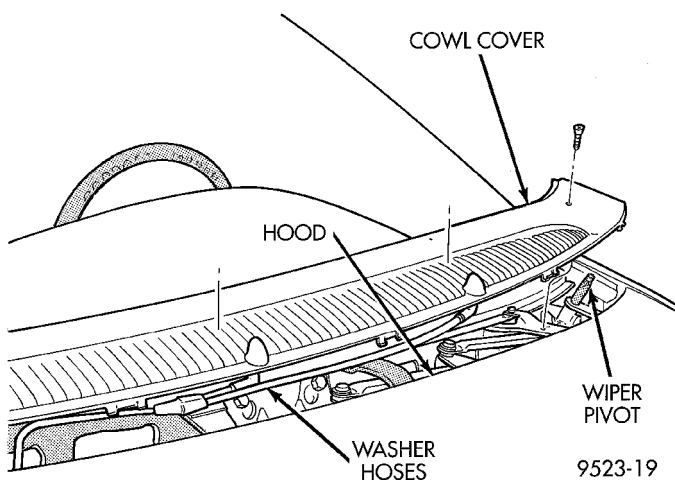


Fig. 9 Cowl Cover

FRONT WHEELHOUSE SPLASH SHIELD

REMOVAL

- (1) Hoist and support vehicle on safety stands.
- (2) Remove front wheel. Refer to Group 22, Wheels and Tires, for proper procedures.
- (3) Remove push-in fasteners holding splash shield to frame rail forward of suspension.
- (4) Remove push-in fasteners holding splash shield to frame rail rearward of suspension.
- (5) Remove screws holding wheelhouse splash shield to front fender.
- (6) Separate splash shield from vehicle (Fig. 11).

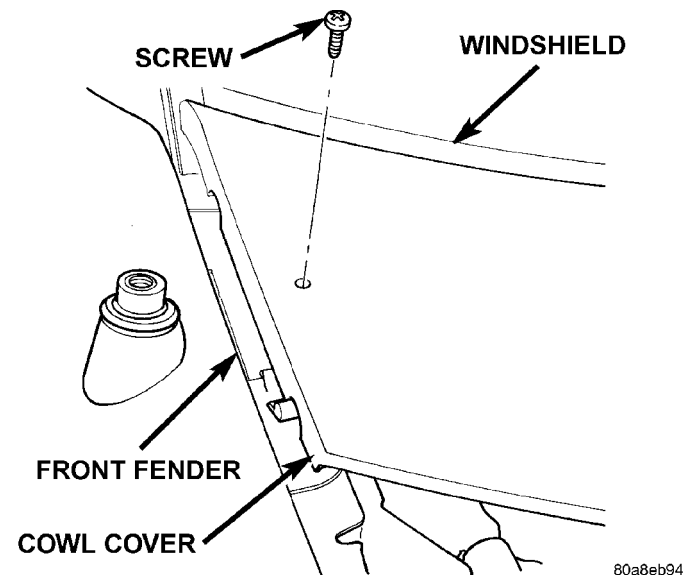


Fig. 10 Cowl Cover Retainers

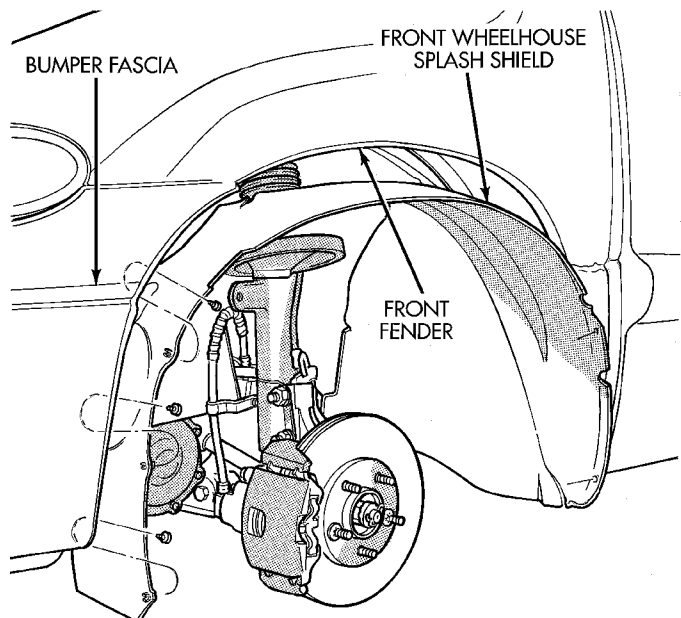


Fig. 11 Front Wheelhouse Splash Shield

INSTALLATION

- (1) Place splash shield in position on vehicle (Fig. 11).
- (2) Install screws to hold wheelhouse splash shield to front fender.
- (3) Install push-in fasteners to hold splash shield to frame rail rearward of suspension.
- (4) Install push-in fasteners to hold splash shield to frame rail forward of suspension.
- (5) Install front wheel. Refer to Group 22, Wheels and Tires, for proper procedures.
- (6) Lower vehicle.

REMOVAL AND INSTALLATION (Continued)

SIDE VIEW MIRROR

REMOVAL

- (1) Release front door latch and open door.
- (2) Remove screw holding molding to base of side view mirror (Fig. 12).
- (3) Separate molding from mirror.
- (4) Remove bolts holding bottom of side view mirror to A-pillar.
- (5) Remove bolt holding top of side view mirror to A-pillar (Fig. 12).
- (6) If equipped, disengage power side view mirror wire connector from instrument panel harness.
- (7) Separate side view mirror from vehicle.

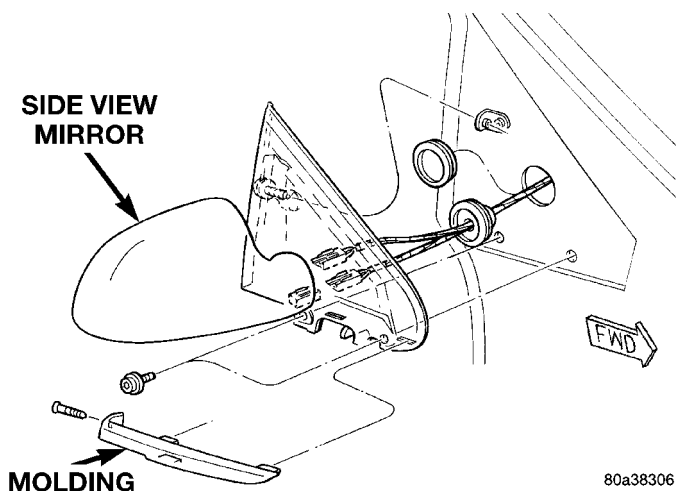


Fig. 12 Side View Mirror

INSTALLATION

- (1) Engage power side view mirror wire connector into instrument panel harness, if equipped.
- (2) Place side view mirror in position on vehicle (Fig. 12).
- (3) Install bolt to hold top of side view mirror to A-pillar.
- (4) Install bolts to hold bottom of side view mirror to A-pillar.
- (5) Place molding in position on mirror.
- (6) Install screw to hold molding to base of side view mirror.

FRONT DOOR WINDOW CRANK

REMOVAL

- (1) Using a suitable tool, disengage clip holding window crank to regulator shaft (Fig. 13).
- (2) Pull window crank from regulator shaft.

INSTALLATION

- (1) Position window crank to regulator shaft.
- (2) Push window crank onto regulator shaft to engage retaining clip.

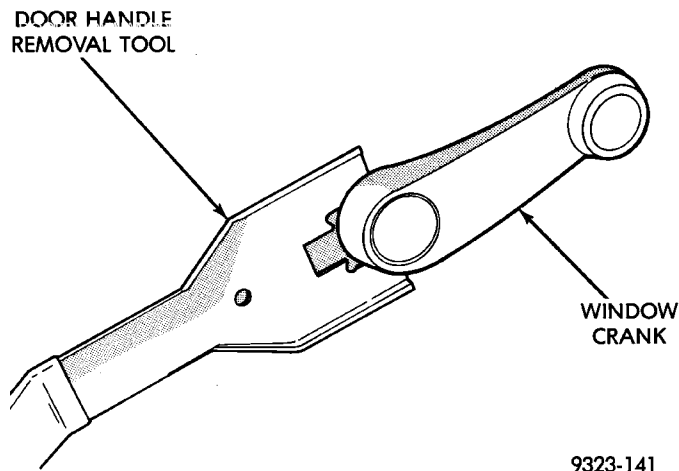


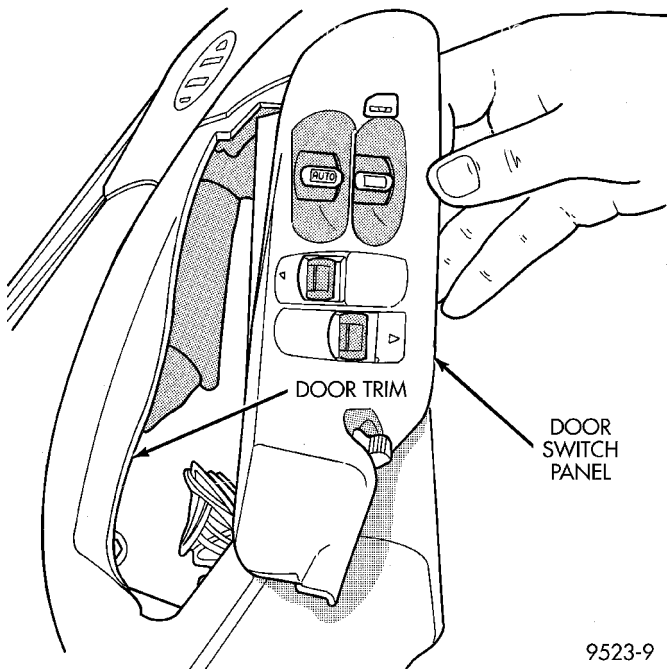
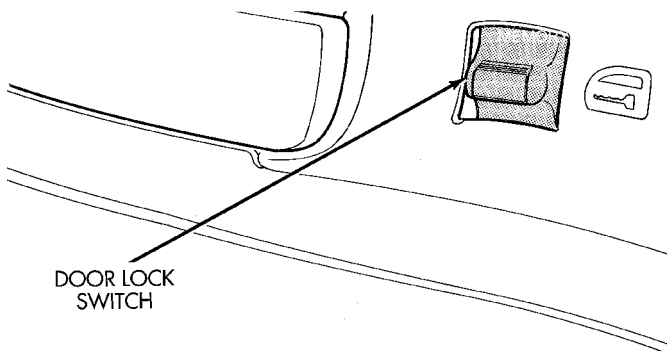
Fig. 13 Window Crank

FRONT DOOR TRIM PANEL

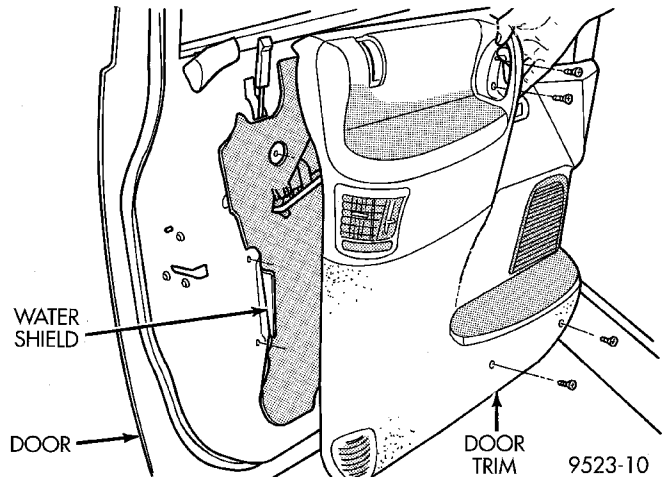
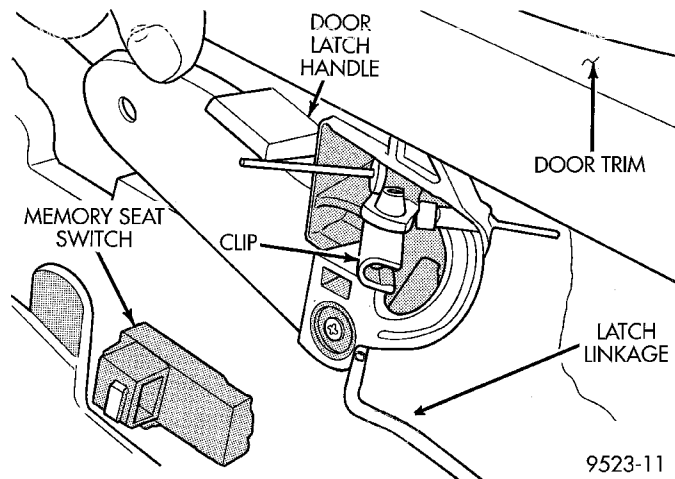
REMOVAL

- (1) Using a trim stick (C-4755), pry courtesy lamp from door trim.
- (2) Disengage wire connector from courtesy lamp.
- (3) If equipped, remove screws holding door assist handle to inner door panel.
- (4) If equipped, remove screw holding door pull cup to inner door panel.
- (5) If equipped, remove screws holding trim panel to door from below map pocket.
- (6) If equipped, remove window crank.
- (7) Using a trim stick, remove screw cover from switch panel.
- (8) Remove screws holding switch panel to door trim.
- (9) Separate power accessory switch from door trim (Fig. 14).
- (10) Disengage power switch from wire connector.
- (11) If equipped, using a small, flat bladed pry tool, remove memory seat/mirror switch and disengage wire connector (Fig. 15).
- (12) If equipped, remove screw holding door trim to door panel from behind inside latch release handle.
- (13) Disengage clips holding door trim to door frame around perimeter of panel (Fig. 16).
- (14) Lift trim panel upward to disengage flange from inner belt molding at top of door.
- (15) Tilt top of trim panel away from door to gain access to latch linkage.
- (16) Disengage clip holding linkage rod to inside latch release handle (Fig. 17).
- (17) Separate linkage rod from latch handle.
- (18) Separate front door trim panel from vehicle.

REMOVAL AND INSTALLATION (Continued)

**Fig. 14 Front Door Switch Panel****Fig. 15 Memory Seat/Mirror Switch****INSTALLATION**

- (1) Hold top of trim panel away from door to gain access to latch linkage.
- (2) Place linkage rod in position on latch handle.
- (3) Engage clip to hold linkage rod to inside latch release handle.
- (4) Place front door trim panel in position on door.
- (5) Engage trim panel into inner belt molding at top of door.

**Fig. 16 Front Door Trim Panel****Fig. 17 Inside Door Handle Linkage**

- (6) Engage clips to hold door trim to door frame around perimeter of panel.
- (7) If equipped, install screw to hold door trim to door panel behind inside latch release handle.
- (8) If equipped, engage power switch into wire connector.
- (9) Place power accessory switch in position on door trim.
- (10) Engage wire connector into memory seat/mirror switch and install switch into trim panel.
- (11) Install screws to hold accessory switch panel to door trim.
- (12) Install screw cover into switch panel.
- (13) If equipped, install window crank.
- (14) If equipped, install screws to hold trim panel to door inside map pocket.
- (15) If equipped, install screw to hold door pull cup to inner door panel.
- (16) If equipped, install screws to hold door assist handle to inner door panel.
- (17) Engage wire connector into courtesy lamp.
- (18) Install lamp in door trim.

REMOVAL AND INSTALLATION (Continued)

FRONT DOOR REFLECTOR

REMOVAL

- (1) Insert small, flat bladed pry tool between outer edge of door reflector and HEVAC outlet vent.
- (2) Pry outward on outer edge of reflector.
- (3) Separate reflector from vehicle (Fig. 18).

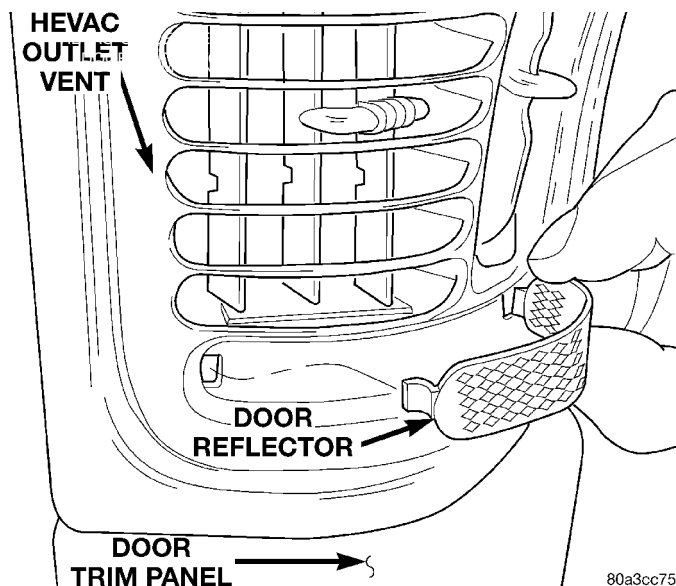


Fig. 18 Front Door Reflector

INSTALLATION

- (1) Position reflector on vehicle.
- (2) Insert inner edge of reflector into slot in HEVAC outlet vent.
- (3) Snap outer edge of reflector into slot in HEVAC outlet vent.

FRONT DOOR

CAUTION: If the hinge pin must be removed from the hinge, do not reuse the original pin. The structural integrity of the hinge would be reduced. Verify availability prior to proceeding if hinge pins are to be removed.

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

REMOVAL

- (1) Open front door.
- (2) Remove front wheelhouse splash shield.
- (3) Disengage clips holding door harness wire connector to inner fender brace.
- (4) Disengage positive lock slide on the side of the wire connectors (Fig. 19).

(5) Depress lock tab holding wire connector halves together.

(6) Disengage door harness from body wiring harness.

(7) Remove bolts holding door check strap to A-pillar (Fig. 20).

(8) Support door on suitable lifting device.

(9) Remove bolts holding lower hinge to door end frame (Fig. 21).

(10) Steady door on lifting device and remove bolts holding upper hinge to door end frame.

(11) Separate door from vehicle.

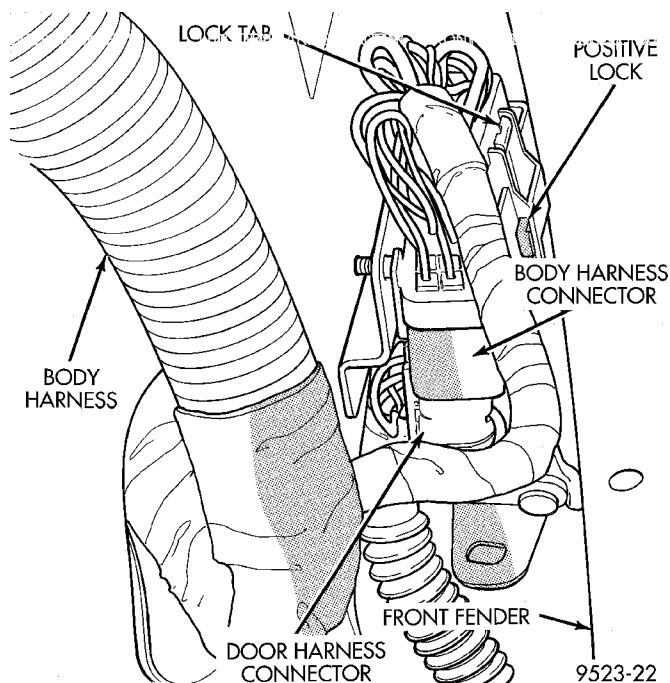


Fig. 19 Front Door Wire Connectors

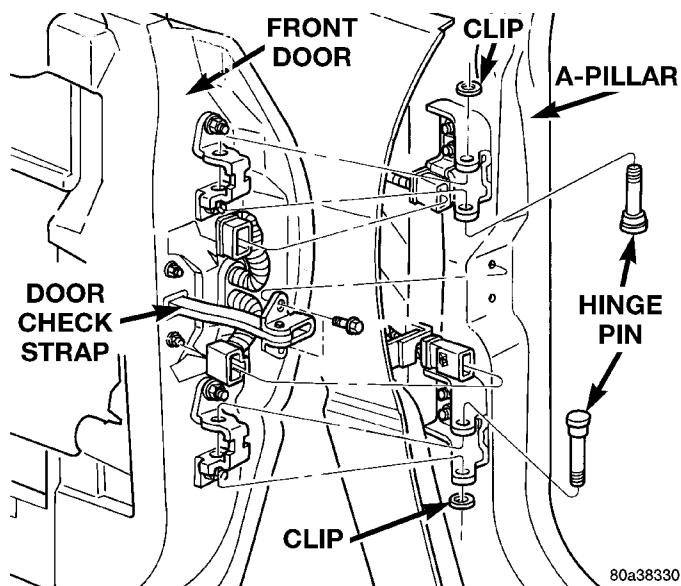
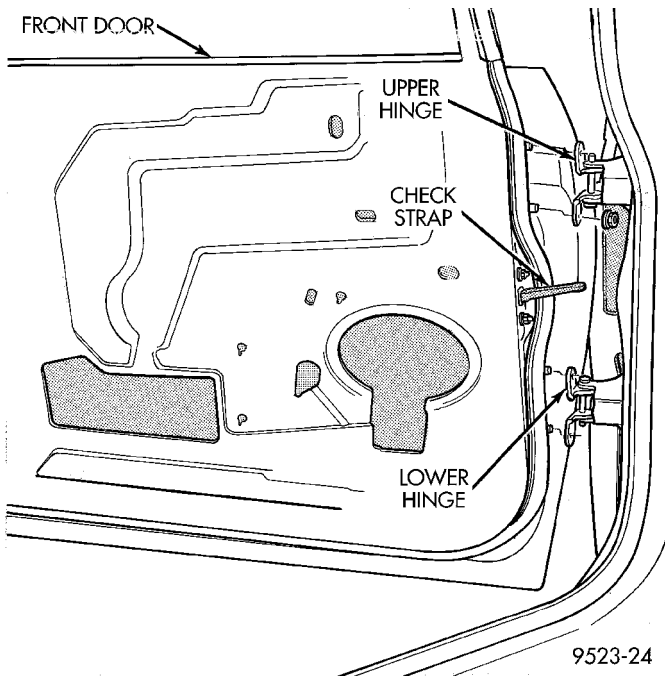


Fig. 20 Front Door—Hinge Pin Removal

REMOVAL AND INSTALLATION (Continued)

**Fig. 21 Front Door—Hinge Bolt Removal****INSTALLATION**

NOTE: If new hinge pins are to be used, verify that the knurling on the hinge pin is aligned with the knurling on in the door hinge prior to driving in the pin. Also, verify that the hinge pin is fully seated to the door hinge and a new retaining clip is installed.

- (1) Support door on suitable lifting device.
- (2) Position door to vehicle.
- (3) Steady door on lifting device and install bolts to hold upper hinge to door end frame.
- (4) Install bolts to hold door check strap to A-pillar.
- (5) Install bolts to hold lower hinge to door end frame. Align door to achieve equal spacing to surrounding body panels. Panels should be flush across all gaps.
- (6) Engage door harness into body wiring harness.
- (7) Engage positive lock slide on the side of the wire connectors.
- (8) Engage clips to hold door harness wire connector to inner fender brace.
- (9) Install front wheelhouse splash shield.
- (10) Verify door operation and alignment. Adjust as necessary.

FRONT DOOR HINGE

CAUTION: If the hinge pin must be removed from the hinge, do not reuse the original pin. The structural integrity of the hinge would be reduced.

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) Release front door latch and open door.
- (2) Support door on suitable lifting device.
- (3) Remove bolts holding front door to door hinge.
- (4) Remove bolts holding hinge to pillar.
- (5) 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) Paint hinge prior to installation, if necessary.
- (2) Position door hinge on vehicle.
- (3) Install bolts to hold hinge to pillar.
- (4) Install bolts to hold front door to door hinge.
- (5) Align door to achieve equal spacing to surrounding body panels. Panels should be flush across all gaps.
- (6) Verify door alignment and operation. Adjust as necessary.

FRONT DOOR CHECK STRAP**REMOVAL**

- (1) Remove front door trim panel.
- (2) Remove door speaker, if equipped.
- (3) Remove bolts holding door check strap to A-pillar (Fig. 20).
- (4) Remove nuts holding check strap to door end frame (Fig. 22).
- (5) Separate check strap from door through speaker hole.

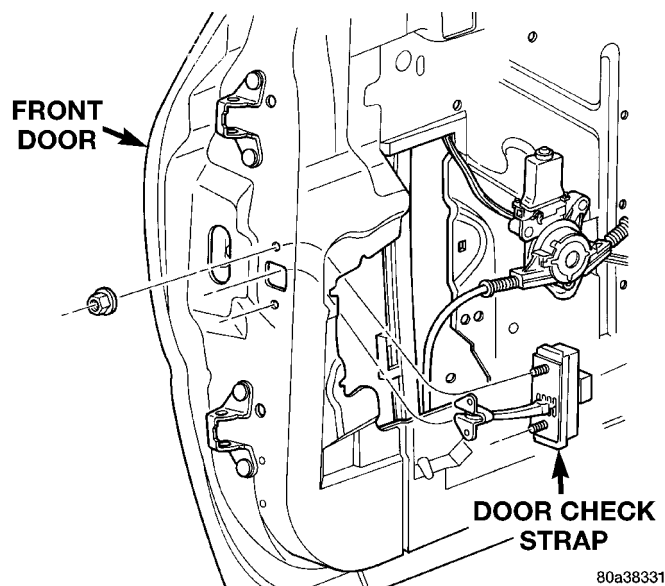
INSTALLATION

- (1) Position check strap on door through speaker hole.
- (2) Install nuts to hold check strap to door end frame.
- (3) Install bolts to hold check strap to A-pillar.
- (4) Install door speaker, if equipped.
- (5) Install front door trim panel.

FRONT DOOR OUTSIDE HANDLE**REMOVAL**

- (1) Remove front door trim panel and water shield as necessary to gain access to the outside door handle.
- (2) Roll door glass up.

REMOVAL AND INSTALLATION (Continued)

**Fig. 22 Front Door Check Strap**

(3) Through access hole at rear of inner door panel, disengage vehicle theft alarm (VTA) switch connector from door harness, if equipped.

(4) Disengage push-in fasteners holding VTA switch harness to inner door reinforcement bar, if equipped.

(5) Disengage clip holding door latch linkage to door latch.

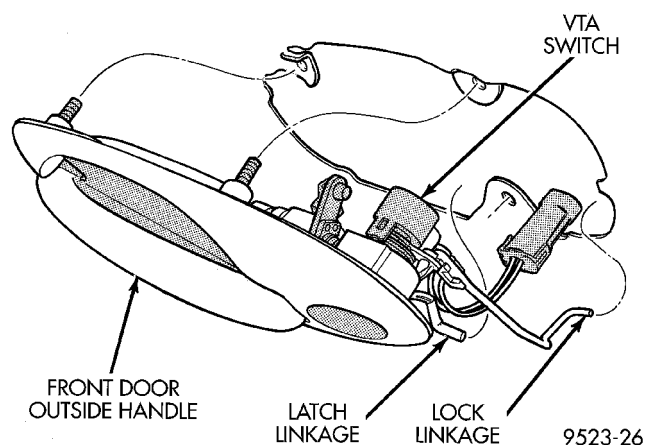
(6) Separate latch linkage from latch.

(7) Disengage clip holding door lock linkage to door latch.

(8) Separate lock linkage from latch.

(9) Remove nuts holding outside door handle to door outer panel (Fig. 23).

(10) Separate outside door handle from vehicle.

**Fig. 23 Front Door Outside Handle****INSTALLATION**

If outside door handle replacement is necessary, transfer lock cylinder from the original handle to the new one.

(1) Place outside door handle in position on vehicle.

(2) Install nuts to hold outside door handle to door outer panel (Fig. 23).

(3) Insert lock linkage into door latch.

(4) Engage clip to hold door lock linkage to latch.

(5) Insert latch linkage into door latch.

(6) Engage clip to hold door latch linkage to latch.

(7) Engage push-in fasteners to hold VTA switch harness to inner door reinforcement bar, if equipped.

(8) Engage VTA switch connector into door harness, if equipped.

(9) Verify door latch operation.

(10) Install water shield and door trim panel.

FRONT DOOR LOCK CYLINDER**REMOVAL**

(1) Remove front door trim panel and water shield as necessary to gain access to the outside door handle.

(2) Roll door glass up.

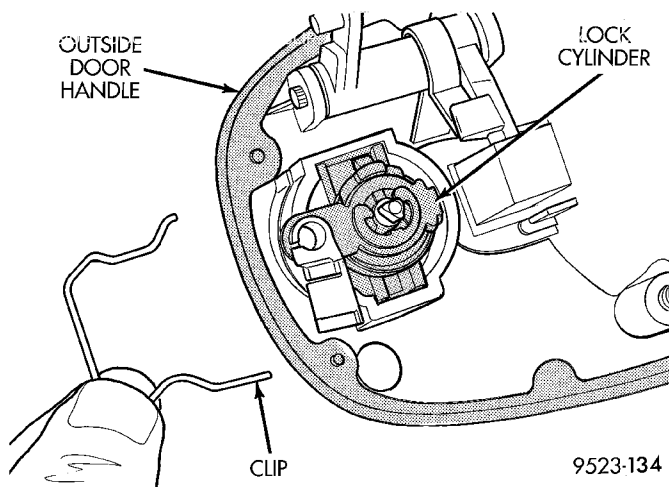
(3) Through access hole at rear of inner door panel, disengage vehicle theft alarm (VTA) switch, if equipped, from back of lock cylinder.

(4) Disengage clip holding lock linkage to lock cylinder link arm.

(5) Separate lock linkage from lock cylinder link arm.

(6) Disengage clip holding lock cylinder into outside handle (Fig. 24).

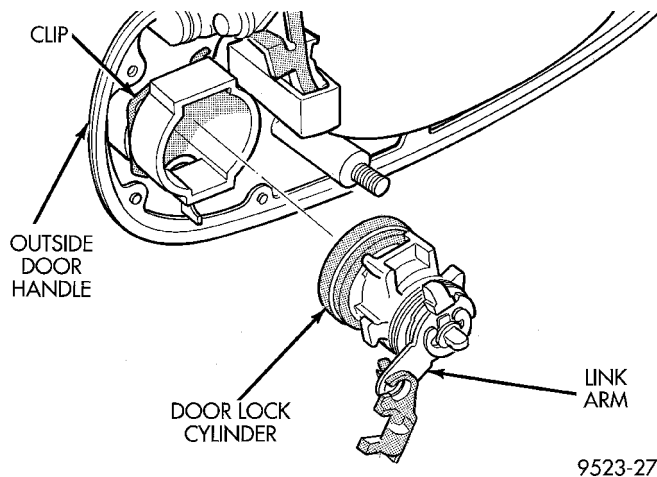
(7) Pull lock cylinder from door handle.

**Fig. 24 Remove Front Door Lock Cylinder****INSTALLATION**

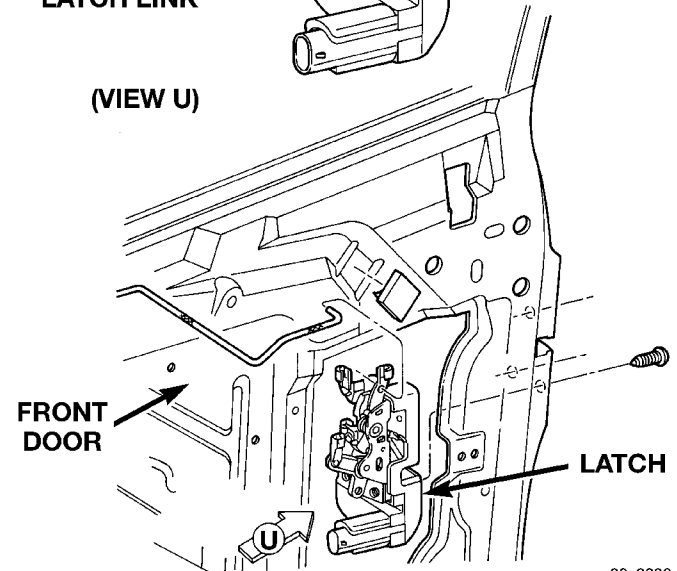
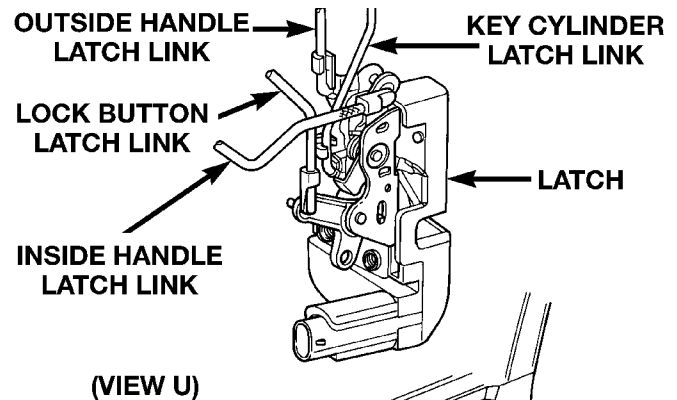
(1) Engage clip into outside handle to hold lock cylinder.

REMOVAL AND INSTALLATION (Continued)

- (2) With link arm toward rear of vehicle, push lock cylinder into door handle until clip snaps into place.
- (3) Insert lock linkage into lock cylinder link arm.
- (4) Engage clip to hold lock linkage to lock cylinder link arm.
- (5) Engage vehicle theft alarm (VTA) switch, if equipped, onto back of lock cylinder.
- (6) Verify door lock operation.
- (7) Install water shield and door trim panel.

**Fig. 25 Install Front Door Lock Cylinder****FRONT DOOR LATCH****REMOVAL**

- (1) Remove front door trim panel.
- (2) Remove water shield as necessary to gain access to the outside door handle.
- (3) Roll door glass up.
- (4) Through access hole at rear of inner door panel, disengage wire connector from power door lock motor, if equipped.
- (5) Disengage clips holding linkage to door latch.
- (6) Separate linkages from door latch.
- (7) Remove screws holding door latch to door end frame (Fig. 26).
- (8) Separate door latch from door.

**Fig. 26 Front Door Latch****INSTALLATION**

NOTE: The screws attaching the door latch to the door end frame have nylon patches on the threads. All screws must be replaced when the latch has been removed.

- (1) Place door latch in position on door end frame.
- (2) Install screws to hold door latch to door end frame.
- (3) Insert linkage into door latch.
- (4) Engage clips to hold linkage to door latch.
- (5) Engage wire connector into power door lock motor, if equipped.
- (6) Verify door latch and power door lock operation.
- (7) Install water shield and front door trim panel.

REMOVAL AND INSTALLATION (Continued)

FRONT DOOR LATCH STRIKER

REMOVAL

- (1) Mark outline of door striker on B-pillar to aid in installation.
- (2) Remove screws holding door latch striker to B-pillar (Fig. 27).
- (3) Separate door latch striker from vehicle.
- (4) Retrieve any shims found between latch striker and B-pillar.

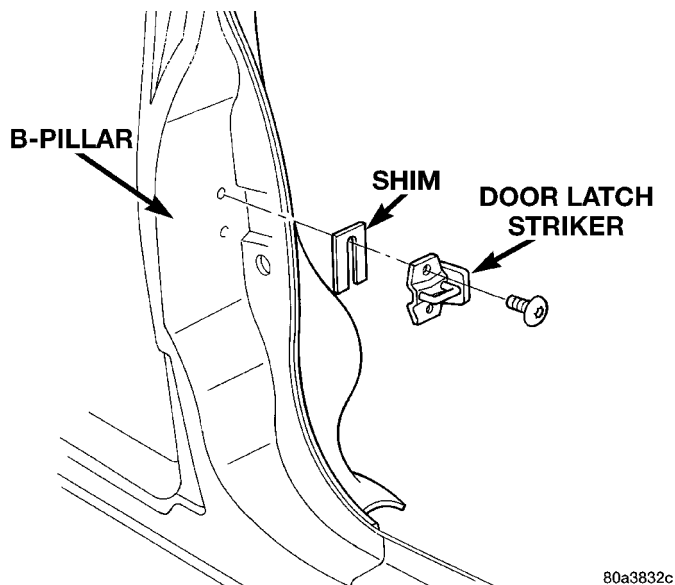


Fig. 27 Door Latch Striker

INSTALLATION

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

FRONT DOOR INNER BELT MOLDING

REMOVAL

- (1) Remove door trim panel.
- (2) Peel upper corner seals away from inner belt molding to clear removal path.
- (3) Pull inner belt molding upward to disengage retaining channel in bottom of molding from door panel flange (Fig. 28).
- (4) Separate inner belt molding from vehicle.

INSTALLATION

- (1) Place inner belt molding in position on door.
- (2) Push inner belt molding downward to engage retaining channel onto door panel flange.

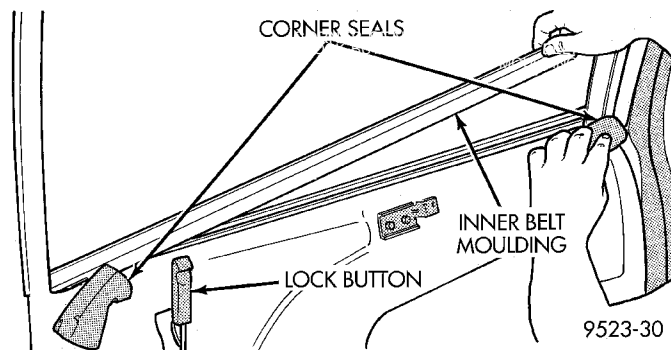


Fig. 28 Front Door Inner Belt Molding

- (3) Install upper corner seals in proper location.
- (4) Install door trim panel.

FRONT DOOR OUTER BELT MOLDING

REMOVAL

- (1) Remove door trim panel.
- (2) Roll door glass down.
- (3) Using a hook tool, disengage interlocking lip at the base of the inward edge of the belt molding (Fig. 29).
- (4) Separate belt molding from door.

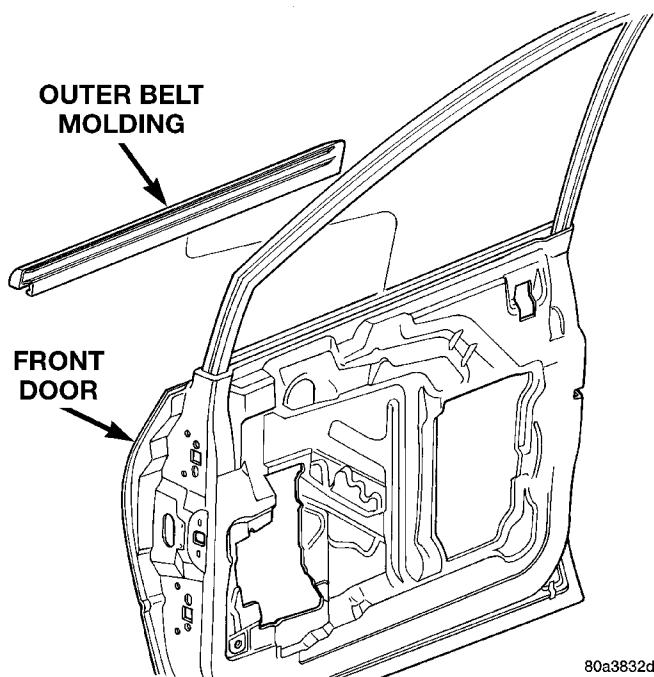


Fig. 29 Front Door Outer Belt Molding

INSTALLATION

- (1) Place belt molding in position on door.
- (2) Engage interlocking lip at the base of the inward edge of the belt molding on door panel.
- (3) Install door trim panel.

REMOVAL AND INSTALLATION (Continued)

FRONT DOOR GLASS

REMOVAL

- (1) Remove door trim panel and water shield.
- (2) Remove inner belt molding.
- (3) Remove outer belt molding.
- (4) Remove radio speaker, if equipped.
- (5) Position glass to gain access to front and rear regulator lift plates through front and rear access holes in door panel.
- (6) Remove clips holding door glass to regulator lift plates (Fig. 30).
- (7) Separate glass from regulator lift plates.
- (8) Disengage glass from glass run weatherstrip.
- (9) Insert front of glass between glass run channel and outer door panel.
- (10) Lift glass upward and out of exterior side of the opening at top of door (Fig. 31).
- (11) Separate glass from vehicle.

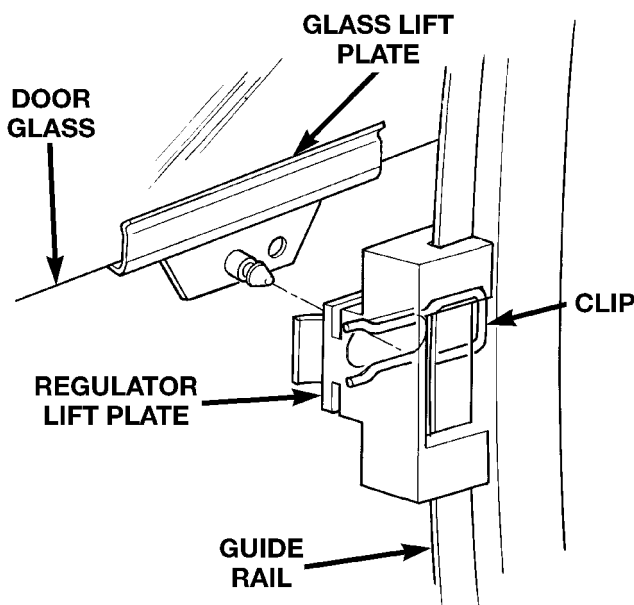
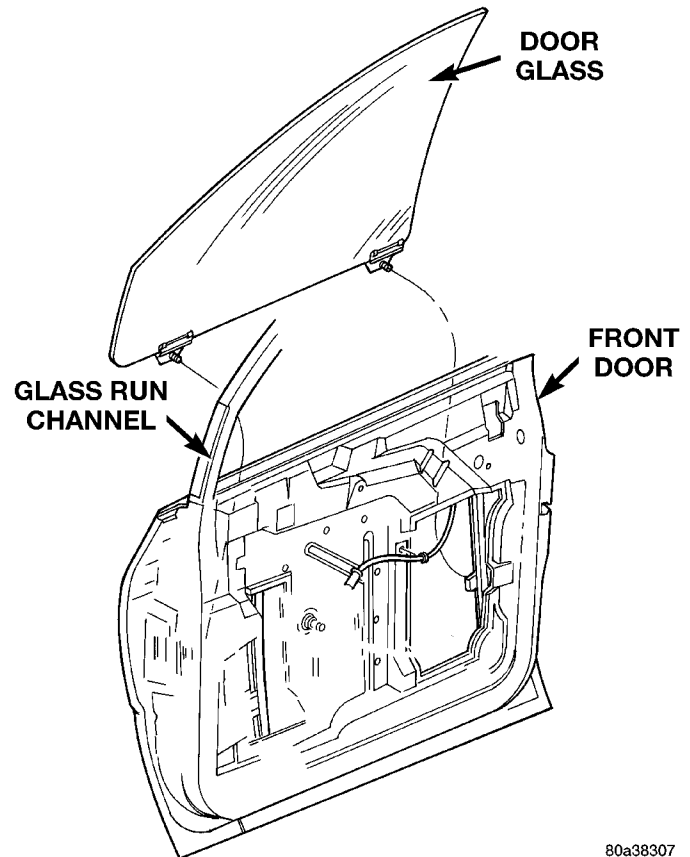


Fig. 30 Front Door Glass Clips

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Fig. 31 Front Door Glass

INSTALLATION

- (1) Install clips that hold door glass to regulator lift plates (Fig. 30).
- (2) Place glass in window opening with front inserted between run channel and outer door panel (Fig. 31).
- (3) Lower glass downward into door.
- (4) Insert ends of glass into glass run weatherstrip channels at front and rear of door.
- (5) Place glass in position on regulator lift plates.
- (6) Snap glass mounting studs into clips on regulator lift plates.
- (7) Install radio speaker, if equipped.
- (8) Install outer belt molding.
- (9) Install inner belt molding.
- (10) Verify door glass operation and fit.
- (11) Install water shield and door trim panel.

REMOVAL AND INSTALLATION (Continued)

FRONT DOOR WINDOW REGULATOR

REMOVAL

- (1) Remove door trim panel and water shield.
- (2) Remove door glass retaining clips and allow glass to rest on bottom of door.
- (3) Disengage wire connector from power window motor, if equipped. Refer to Group 8S, Power Windows, for procedure information.
- (4) Loosen screws holding front and rear window guide rails to inner door panel (Fig. 32).
- (5) Separate screw heads on guide rails from key hole slots in inner door panel.
- (6) Loosen screws holding regulator to inner door panel.
- (7) Remove regulator from inner door panel.
- (8) Extract rear guide rail through inner door panel rear access hole (Fig. 33).
- (9) Extract front guide rail through front access hole.

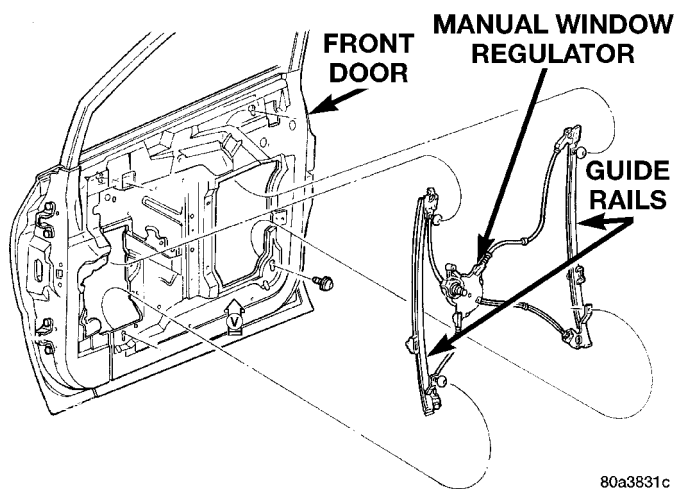


Fig. 32 Front Door Manual Window Regulator

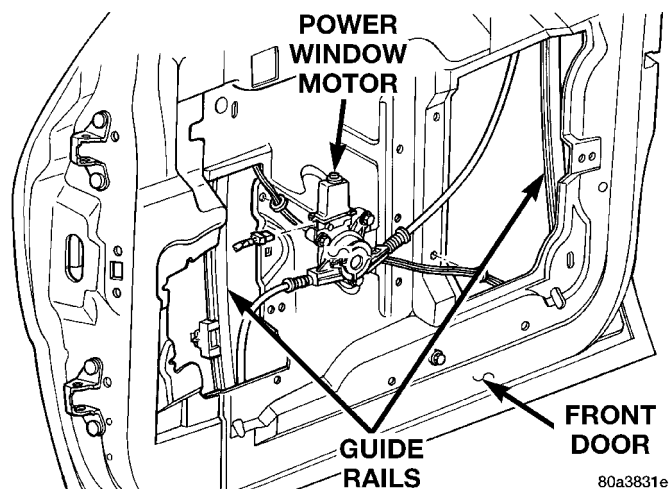


Fig. 33 Front Door Power Window Regulator

INSTALLATION

- (1) Insert front guide rail through front access hole.
- (2) Insert rear guide rail through rear access hole.
- (3) Place window regulator in position on inner door panel.
- (4) Place screw heads on guide rails in position through key hole slots in inner door panel.
- (5) Tighten screws to hold front and rear guide rails to inner door panel.
- (6) Engage wire connector into power window motor, if equipped.
- (7) Install door glass.
- (8) Verify door glass alignment and operation.
- (9) Install water shield and door trim panel.

FRONT DOOR FRAME CLOSEOUT MOLDINGS

REMOVAL—A-PILLAR, HEADER, OR B-PILLAR

- (1) Roll door glass down.
- (2) Using a hook tool, pull front door frame closeout molding from window frame channel (Fig. 34).
- (3) Separate closeout molding from vehicle.

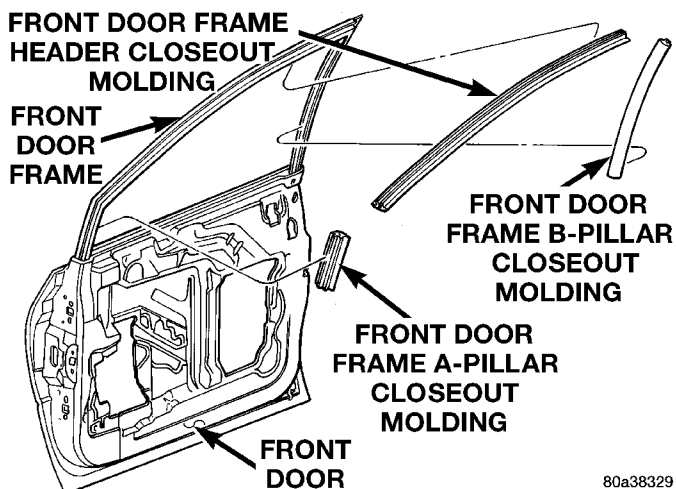


Fig. 34 Front Door Frame Closeout Moldings

INSTALLATION—A-PILLAR, HEADER, OR B-PILLAR

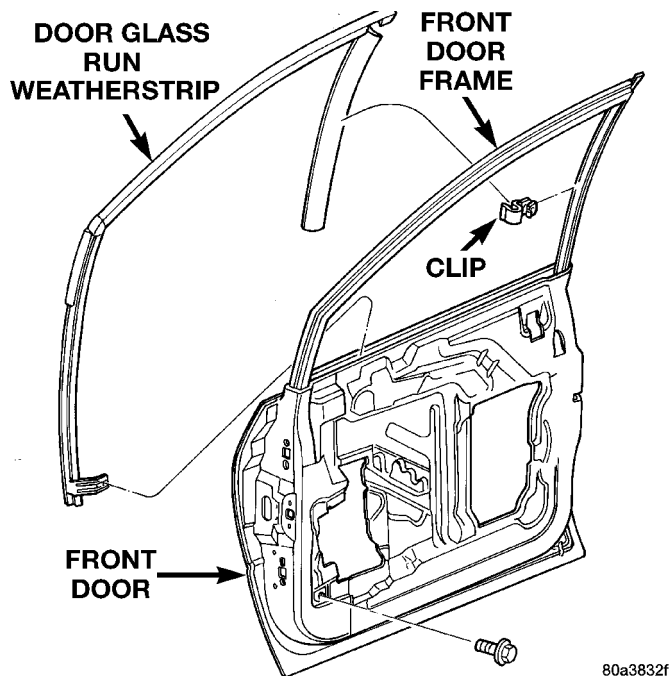
- (1) Position closeout molding in window frame.
- (2) Insert closeout molding into window frame channel starting at the corners and working inward.
- (3) Verify door glass operation.

REMOVAL AND INSTALLATION (Continued)

FRONT DOOR GLASS RUN WEATHERSTRIP

REMOVAL

- (1) Remove door frame closeout moldings.
- (2) Pull weatherstrip from glass run channel at rear of door frame, working from the bottom to the top.
- (3) Disengage clip holding weatherstrip to door frame.
- (4) Pull weatherstrip from lip along top of door frame (Fig. 35).
- (5) Remove door trim panel.
- (6) Remove door speaker, if equipped.
- (7) Remove watershield as necessary to gain access to screw holding front lower corner of glass run weatherstrip to inner door panel.
- (8) Remove screw holding glass run weatherstrip to inner door panel.
- (9) Remove inner belt weatherstrip.
- (10) Pull weatherstrip from front glass run channel.
- (11) Separate glass run weatherstrip from vehicle.



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Fig. 35 Front Door Glass Run Weatherstrip

INSTALLATION

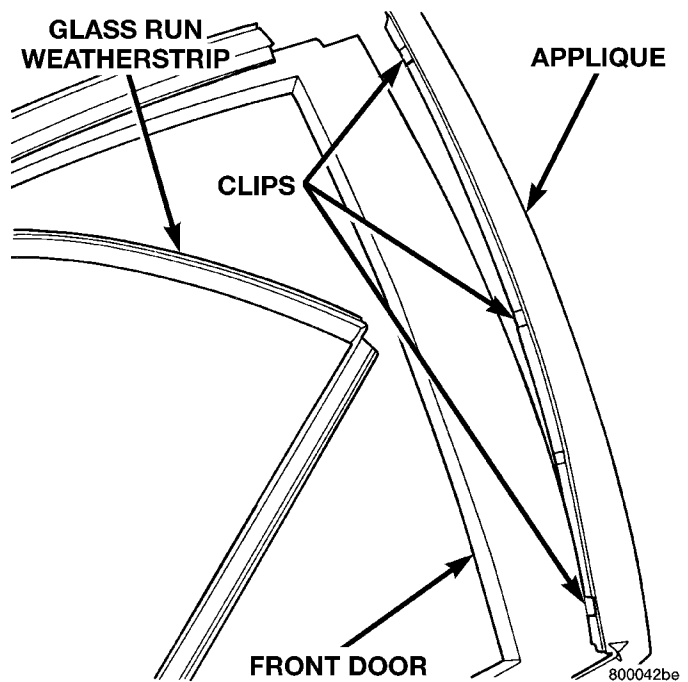
- (1) Position glass run weatherstrip on vehicle.
- (2) Push weatherstrip into front glass run channel.

- (3) Install screw to hold glass run weatherstrip to inner door panel.
- (4) Install inner belt weatherstrip.
- (5) Install watershield.
- (6) Push weatherstrip groove onto lip along top of door frame.
- (7) Engage clip into slot in door frame.
- (8) Push weatherstrip into channel at rear of door frame, working from the top to bottom.
- (9) Install door frame closeout moldings.
- (10) Install door speaker, if equipped.
- (11) Install door trim panel.

FRONT DOOR APPLIQUE

REMOVAL

- (1) Roll door glass down.
- (2) Remove outer door belt molding.
- (3) Disengage clips holding front edge of applique to door frame.
- (4) Separate applique from vehicle (Fig. 36).

**Fig. 36 Front Door Applique**

INSTALLATION

- (1) Position applique on vehicle.
- (2) Hook rear edge of applique over rear edge of door frame and seat applique bottom edge on sheet metal.
- (3) Engage clips to hold front edge of applique to door frame.
- (4) Install outer door belt molding.

REMOVAL AND INSTALLATION (Continued)

FRONT DOOR WEATHERSTRIP

REMOVAL

- (1) Open front door.
- (2) Using fork tool C-4829, remove push-in fasteners holding front door weatherstrip to end frames and bottom of door (Fig. 37).
- (3) Pull weatherstrip from retaining channel around window frame.
- (4) Separate weatherstrip from vehicle.

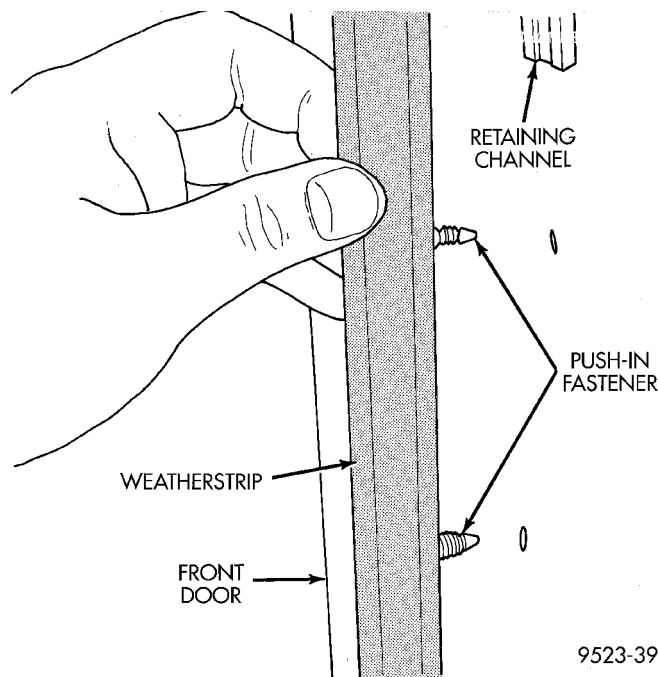


Fig. 37 Front Door Weatherstrip

INSTALLATION

Reverse the preceding operation.

SLIDING DOOR

CAUTION: Apply several layers of masking tape to the body around the rear end of the upper roller channel and the forward edge of the quarter panel, to avoid damaging the paint.

REMOVAL

- (1) Apply masking tape to outside surface of quarter panel below the center roller channel, rearward of the door opening.
- (2) Release sliding door latch and open door.
- (3) Apply masking tape to door jamb area, rearward of the upper roller channel.
- (4) Remove screw holding upper roller arm stop bumper to upper roller arm (Fig. 38).
- (5) Separate stop bumper from upper roller arm.
- (6) Remove center stop bumper trim cover from sliding door (Fig. 39).

- (7) Remove center stop from sliding door.
- (8) Remove sliding door sill plate.
- (9) Remove hold open latch striker (Fig. 40).
- (10) Open quarter glass.
- (11) Remove center roller channel end cover (Fig. 41).
- (12) Support sliding door on a suitable lifting device with a padded upper surface. The door must be moveable with lifting device in place.
- (13) Roll door rearward until lower rollers disengage from lower channel.
- (14) Roll the door rearward until the upper (Fig. 42) and center hinge rollers exit the upper and center channels (Fig. 43).
- (15) Separate sliding door from vehicle.

CAUTION: Do not allow the center hinge roller to contact the quarter glass. Glass can break.

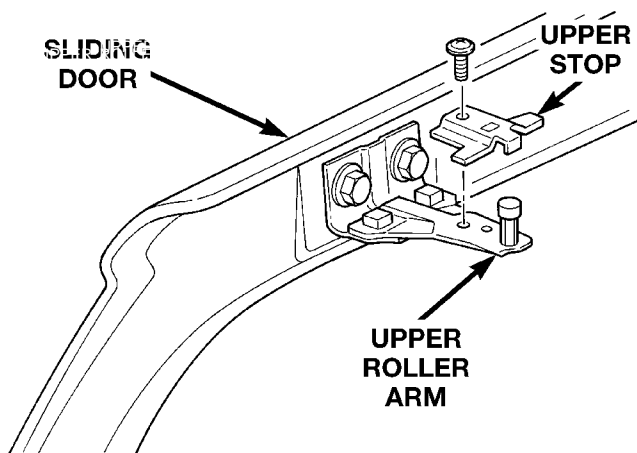


Fig. 38 Sliding Door Upper Stop

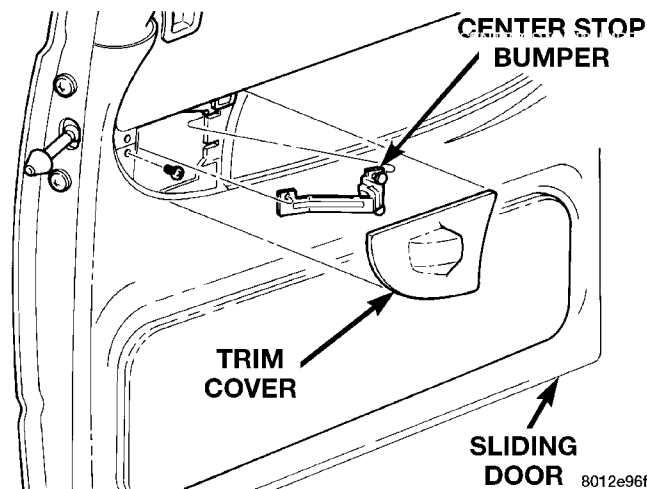
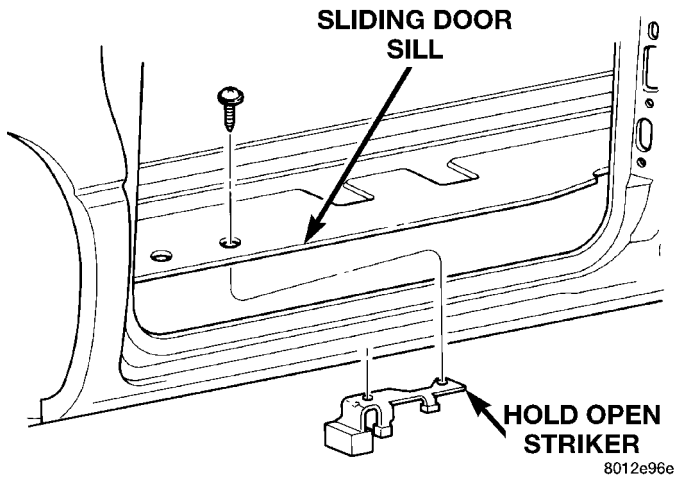
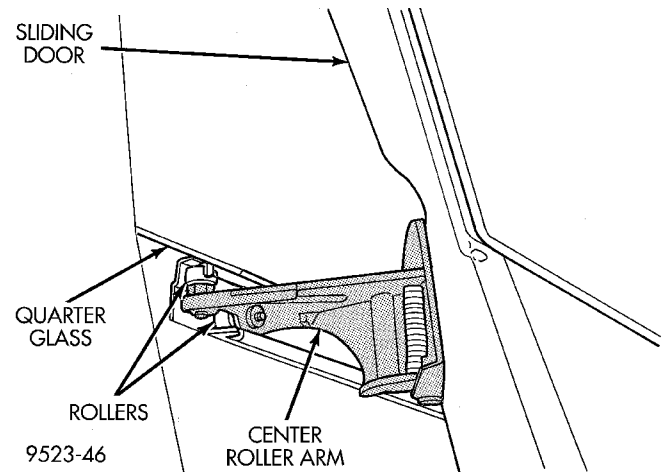


Fig. 39 Sliding Door Center Stop Bumper

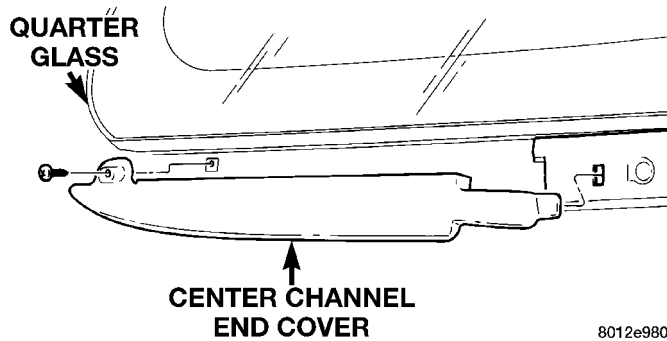
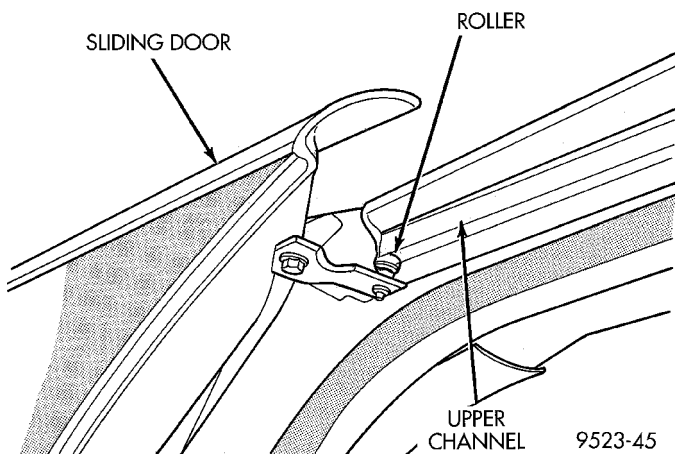
INSTALLATION

- (1) Place sliding door in position on lifting device.

REMOVAL AND INSTALLATION (Continued)

**Fig. 40 Sliding Door Hold Open Latch Striker****Fig. 43 Sliding Door Center Roller**

CAUTION: Do not allow the center hinge roller to contact the quarter glass. Glass can break.

**Fig. 41 Center Channel End Cover****Fig. 42 Sliding Door Upper Roller**

(2) Position door rearward of the sliding door opening.

(3) Engage the center hinge rollers into the center channels (Fig. 43).

(4) Roll door forward until lower rollers engage into rear of lower channel.

(5) Engage the upper hinge into the upper channels (Fig. 42).

(6) Install hold open latch striker (Fig. 40).

(7) Install sliding door sill plate.

(8) Install center roller channel end cover (Fig. 41).

(9) Install center stop on sliding door (Fig. 39).

(10) Install center stop bumper trim cover on sliding door.

(11) Place upper roller stop bumper in position on upper roller arm.

(12) Install screw to hold upper roller arm stop bumper to upper roller arm (Fig. 38).

(13) Remove masking tape from body surfaces.

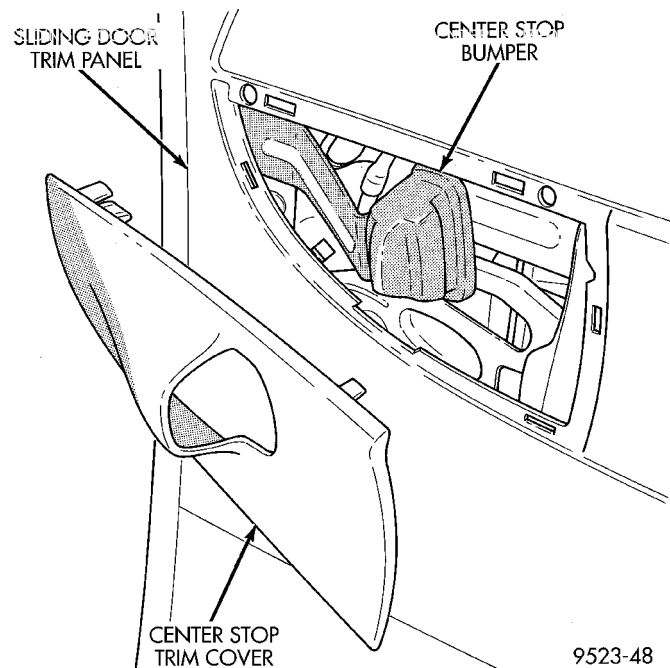
(14) Verify door operation and fit. Adjust as necessary.

REMOVAL AND INSTALLATION (Continued)

SLIDING DOOR CENTER STOP TRIM COVER

REMOVAL

- (1) Using a trim stick (C-4755), disengage clips holding center stop trim cover from door trim panel.
- (2) Separate trim cover from vehicle (Fig. 44).

**Fig. 44 Sliding Door Center Stop Trim Cover**

INSTALLATION

Reverse the preceding operation.

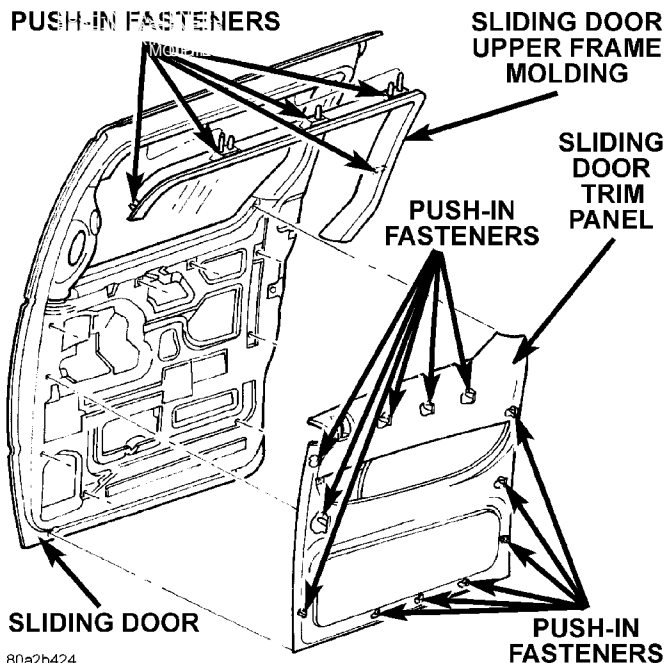
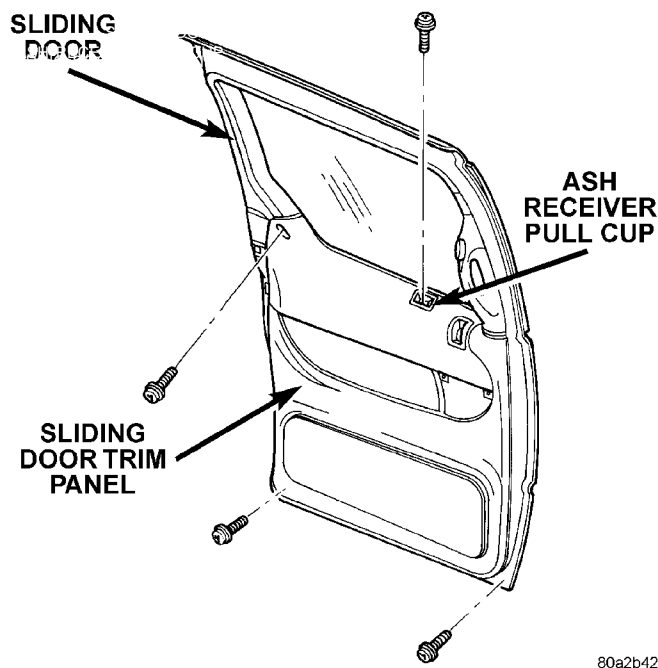
SLIDING DOOR TRIM PANEL

REMOVAL

- (1) Remove sliding door upper frame molding.
- (2) If removing the left sliding door trim panel, remove screw from inside ash receiver bezel.
- (3) Remove screws holding trim panel to inner door panel (Fig. 46).
- (4) Disengage push-in fasteners holding trim to door panel around perimeter and upper edge of door (Fig. 45).
- (5) Separate sliding door trim panel from vehicle.

INSTALLATION

- (1) Place sliding door trim panel in position on vehicle.
- (2) Align locating pins on backside of trim panel to mating holes in the inner door panel.
- (3) Engage push-in fasteners to hold trim to door panel around perimeter and upper edge of door (Fig. 45).
- (4) Install screws to hold trim panel to inner door panel.

**Fig. 45 Sliding Door Trim Panel****Fig. 46 Sliding Door Trim Panel Screws**

- (5) If necessary, install screw from inside ash receiver bezel on left sliding door trim panel.
- (6) Install sliding door upper frame molding.

SLIDING DOOR INSIDE LATCH HANDLE

REMOVAL

- (1) Remove sliding door upper molding as necessary to gain access to upper door handle fastener.
- (2) Remove sliding door trim panel.

REMOVAL AND INSTALLATION (Continued)

(3) Remove screws holding bottom of inside latch handle to sliding door (Fig. 47).

(4) Remove screw holding top of inside latch handle to sliding door.

(5) Disengage cable end from clip on bellcrank assembly.

(6) Disengage cable end from bellcrank assembly.

(7) Separate latch handle from sliding door.

(8) Remove push-in fastener holding cable end to latch handle.

(9) Disengage cable casing end from latch handle (Fig. 48).

(10) Disengage cable end from latch handle.

(11) Separate handle from vehicle.

(4) Install push-in fastener to hold cable into latch handle.

(5) Place latch handle in position on sliding door.

(6) Install screw to hold top of inside latch handle to sliding door.

(7) Install screws to hold bottom of inside latch handle to sliding door.

(8) Engage cable end into bellcrank assembly.

(9) Engage clip to hold cable end into bellcrank assembly.

(10) Verify sliding door operation. Adjust as necessary.

(11) Install sliding door trim panel.

(12) Install sliding door upper molding.

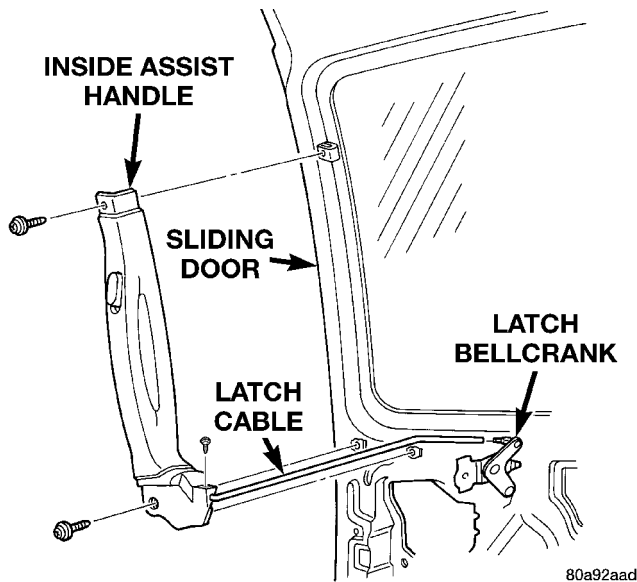


Fig. 47 Sliding Door Inside Handle

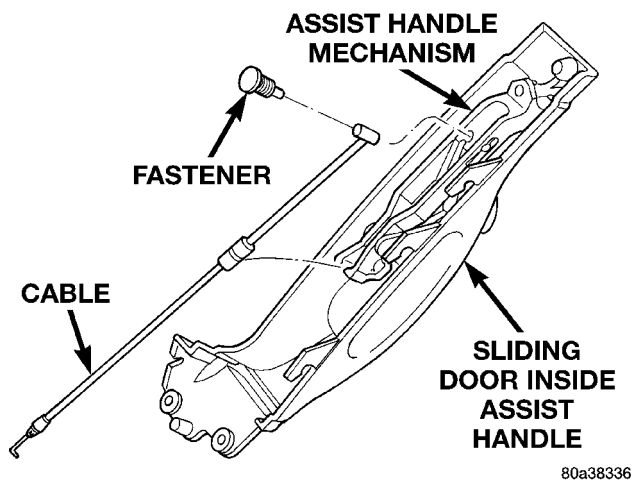


Fig. 48 Sliding Door Handle Cable

INSTALLATION

(1) Place inside latch handle in position on vehicle.

(2) Engage cable end into latch handle.

(3) Engage cable casing end into latch handle.

SLIDING DOOR INSIDE LATCH RELEASE MECHANISM

REMOVAL

(1) Remove sliding door inside latch handle.

(2) Remove push-in fastener holding cable end to release mechanism (Fig. 48).

(3) Disengage cable end from release mechanism.

(4) Disengage latch cable from assist handle.

(5) Remove screws holding release mechanism to handle (Fig. 49).

(6) Separate release mechanism from handle.

(7) Rotate latch release button away from mechanism until flats on button pivots align with slots in mechanism (Fig. 50).

(8) Separate button from release mechanism.

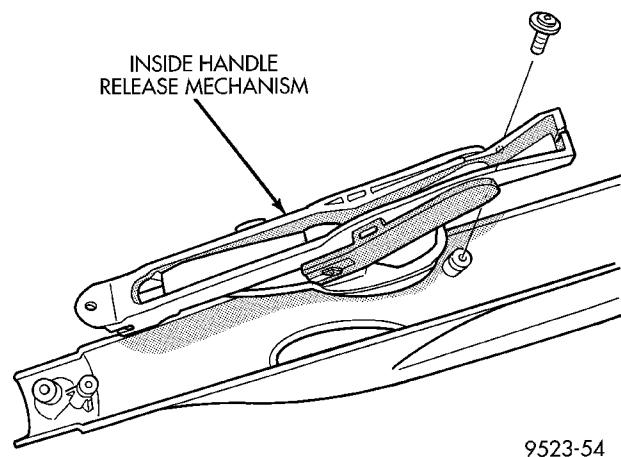
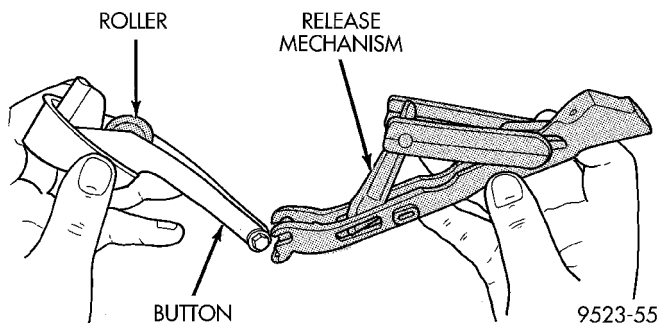


Fig. 49 Sliding Door Inside Latch Release Mechanism

REMOVAL AND INSTALLATION (Continued)

**Fig. 50 Sliding Door Inside Latch Button****INSTALLATION**

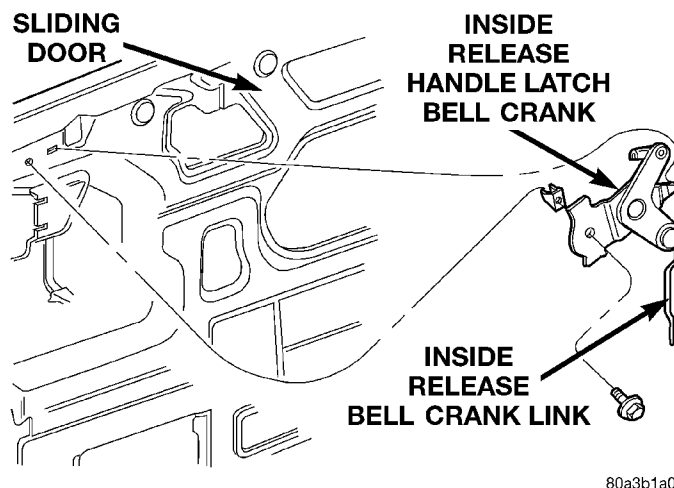
- (1) Position button on release mechanism.
- (2) Align and engage flats on button pivots into slots in mechanism (Fig. 50).
- (3) Rotate latch release button into mechanism.
- (4) Place release mechanism in position on handle.
- (5) Install screws to hold release mechanism to handle (Fig. 49).
- (6) Engage latch cable into handle.
- (7) Engage cable end from release mechanism.
- (8) Install push-in fastener holding cable end to release mechanism.
- (9) Install sliding door inside latch handle.

SLIDING DOOR INSIDE LATCH HANDLE BELLCRANK**REMOVAL**

- (1) Remove sliding door trim panel.
- (2) Remove watershield as necessary to gain access to latch bellcrank.
- (3) Remove latch/lock control cover.
- (4) Disengage clip holding inside release bellcrank link to latch/lock control.
- (5) Separate bellcrank link from latch/lock control.
- (6) Disengage clip holding release handle latch cable to bellcrank.
- (7) Separate cable from bellcrank.
- (8) Remove screw holding bellcrank to inner door panel (Fig. 51).
- (9) Separate bellcrank from vehicle.

INSTALLATION

- (1) Position bellcrank on vehicle.
- (2) Install screw holding bellcrank to inner door panel.
- (3) Position cable from bellcrank.
- (4) Engage clip to hold release handle latch cable to bellcrank.
- (5) Position bellcrank link on latch/lock control.
- (6) Engage clip to hold inside release bellcrank link to latch/lock control.
- (7) Install latch/lock control cover.
- (8) Install watershield.

**Fig. 51 Inside Latch Handle Bellcrank**

- (9) Install sliding door trim panel.

SLIDING DOOR CENTER HINGE**REMOVAL**

- (1) Open sliding door to the mid point of its travel.
- (2) Support sliding door on a suitable lifting device.
- (3) Mark outline of center hinge of inner door panel to aid installation.
- (4) Remove bolts holding center hinge to sliding door.
- (5) Separate center hinge from sliding door.
- (6) Roll center hinge to rear of roller channel.
- (7) Separate center hinge from vehicle.

INSTALLATION

NOTE: Center hinge has an adjustable bolt for up/down alignment.

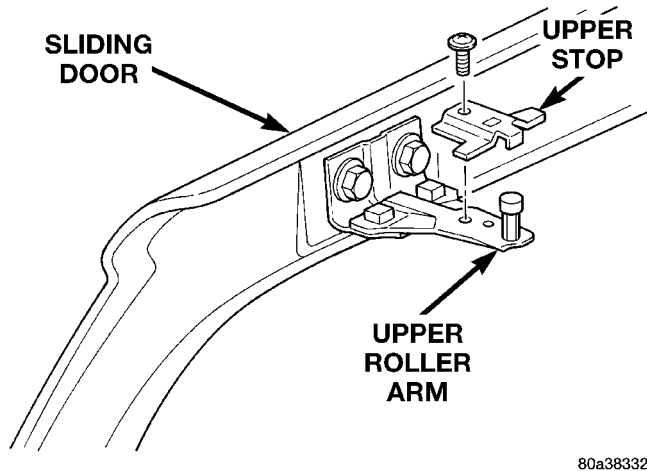
- (1) Place center hinge in position on vehicle.
- (2) Roll center hinge forward in roller channel.
- (3) Place center hinge in position on sliding door and align marks.
- (4) Install bolts to hold center hinge to sliding door.
- (5) Verify sliding door alignment and operation.

SLIDING DOOR UPPER ROLLER**REMOVAL**

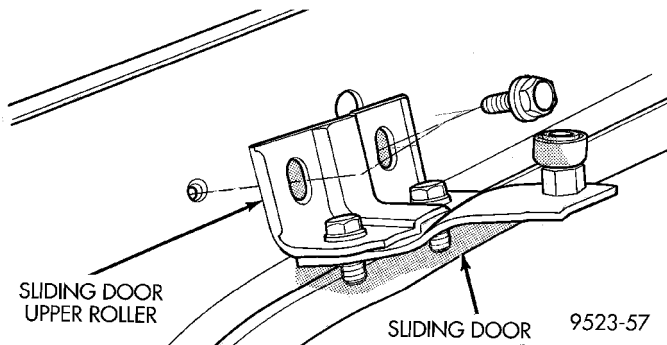
- (1) Open sliding door, do not latch open.
- (2) Remove screw holding upper stop bracket to upper roller bracket (Fig. 52).
- (3) Separate stop bracket from vehicle.
- (4) Place a padded block between the open sliding door and the roof rail.
- (5) Mark outline of upper roller bracket on sliding door.

REMOVAL AND INSTALLATION (Continued)

- (6) Remove bolts holding upper roller to sliding door (Fig. 53).
- (7) Separate upper roller from door.
- (8) Slide roller out of rear end of roof rail channel.
- (9) Separate upper roller from vehicle.



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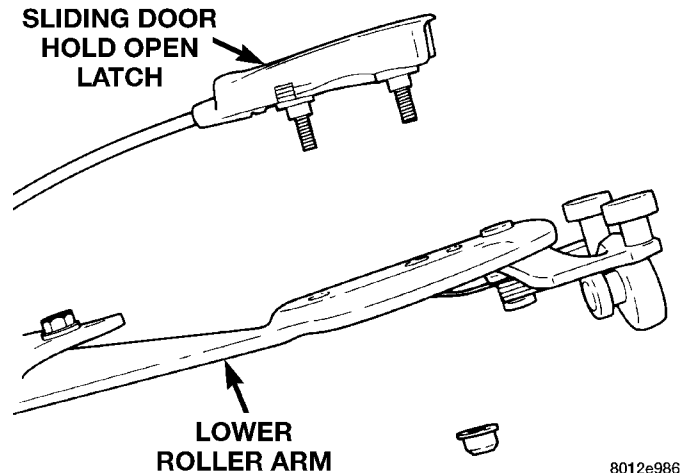
Fig. 52 Sliding Door Upper Stop**Fig. 53 Sliding Door Upper Roller****INSTALLATION**

- (1) Place upper roller in position on vehicle.
- (2) Slide roller into rear end of roof rail channel.
- (3) Place upper roller in position on door.
- (4) Align outline marks on sliding door to upper roller bracket
- (5) Install bolts to hold upper roller to sliding door.
- (6) Remove padded block from between sliding door and roof rail.
- (7) Place stop bracket in position on vehicle.
- (8) Install screw to hold upper stop bracket to upper roller bracket.
- (9) Verify sliding door alignment and operation. Adjust as necessary.

SLIDING DOOR HOLD OPEN LATCH**REMOVAL**

- (1) Open sliding door.
- (2) Remove sliding door sill plate.

- (3) Remove nuts holding hold open latch to lower roller arm (Fig. 54).
- (4) Separate hold open latch from lower arm.
- (5) Disconnect cable from hold open latch.
- (6) Separate hold open latch from vehicle.



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Fig. 54 Sliding Door Hold Open Latch**INSTALLATION**

- (1) Place hold open latch in position on vehicle.
- (2) Connect cable to hold open latch.
- (3) Place hold open latch in position on lower arm.
- (4) Install nuts to hold the hold open latch to lower roller arm.
- (5) Install sliding door sill plate.
- (6) Verify sliding door operation.

SLIDING DOOR HOLD OPEN LATCH STRIKER**REMOVAL**

- (1) Open sliding door, do not latch open.
- (2) Remove sliding door sill plate.
- (3) Remove screws holding sliding door hold open latch striker to door sill (Fig. 55).
- (4) Separate hold open latch striker from vehicle.

INSTALLATION

- (1) Place hold open latch striker in position on vehicle.
- (2) Install screws to hold sliding door hold open latch striker to door sill.
- (3) Install sliding door sill plate.
- (4) Verify sliding door operation.

SLIDING DOOR LOWER ROLLER ARM**REMOVAL**

- (1) Open sliding door.
- (2) Mark outline of roller arm on sliding door bracket to aid installation.
- (3) Remove sliding door sill plate.

REMOVAL AND INSTALLATION (Continued)

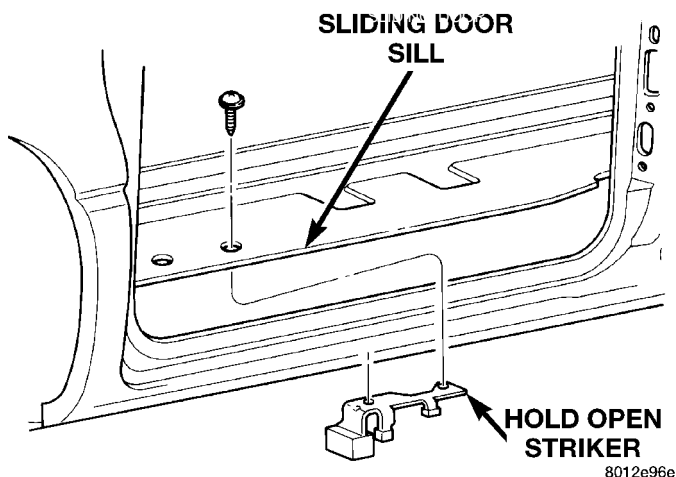


Fig. 55 Sliding Door Hold Open Latch Striker

- (4) Remove screws holding hold open latch to lower roller arm.
- (5) Separate hold open latch from lower arm.
- (6) Support sliding door on a suitable lifting device with a padded upper surface. The door must be moveable with lifting device in place.
- (7) Remove bolts holding lower roller arm to sliding door (Fig. 56).
- (8) Separate roller arm from sliding door.
- (9) Disengage roller arm from lower channel (Fig. 57).
- (10) Separate roller arm from vehicle.

INSTALLATION

Reverse the preceding operation.

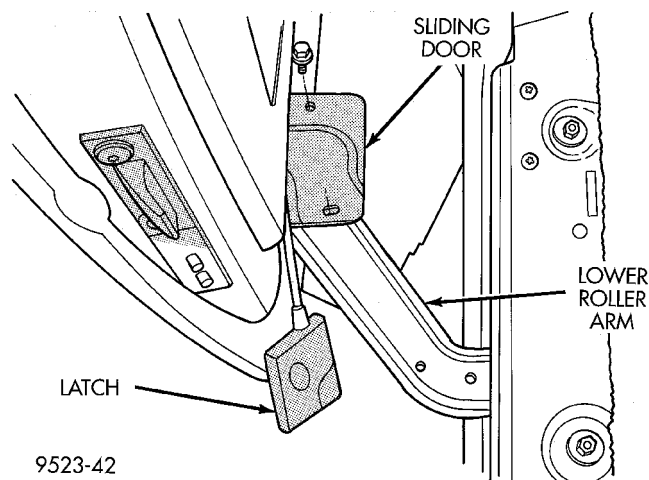


Fig. 56 Sliding Door Lower Roller Arm
SLIDING DOOR LOWER ROLLER ARM BRACKET

REMOVAL

- (1) Remove access hole plug.
- (2) Open sliding door.

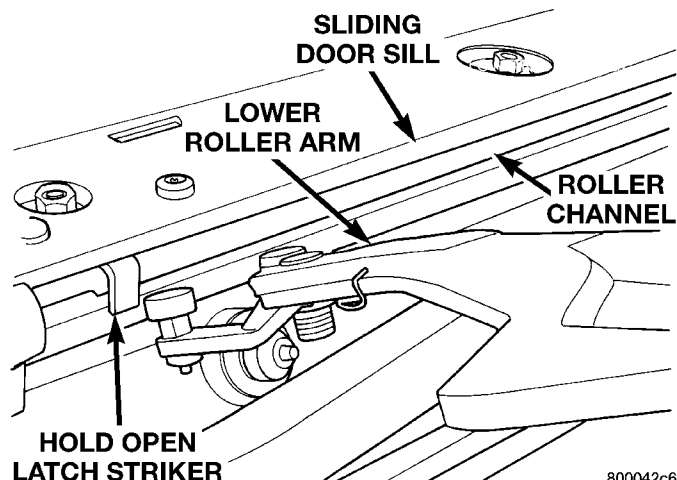


Fig. 57 Sliding Door Roller Arm Channel

- (3) Support sliding door on a suitable lifting device.
- (4) Remove lower roller arm.
- (5) Mark outline of roller arm bracket on inside of sliding door.
- (6) Remove bolts holding lower roller arm bracket to sliding door (Fig. 58).
- (7) Separate lower roller bracket from vehicle.

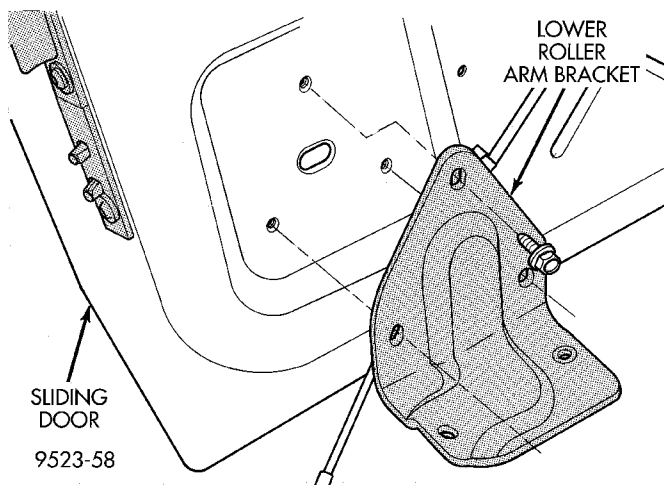


Fig. 58 Sliding Door Lower Roller Arm Bracket

INSTALLATION

- (1) Place lower roller bracket in position on vehicle.
- (2) Align outline mark on inside of sliding door to roller arm bracket.
- (3) Install bolts holding lower roller arm bracket to sliding door.
- (4) Install lower roller arm.
- (5) Remove lifting device.
- (6) Verify sliding door operation.
- (7) Install access hole plug.

REMOVAL AND INSTALLATION (Continued)

SLIDING DOOR STOP BUMPER

REMOVAL

- (1) Remove center stop bumper trim panel.
- (2) Loosen screws holding rear of stop bumper to door inner panel (Fig. 59).
- (3) Remove screw holding front of stop bumper to door inner panel.
- (4) Separate stop bumper from vehicle.

INSTALLATION

- (1) Place stop bumper in position on vehicle.
- (2) Install screw to hold front of stop bumper to door inner panel (Fig. 59).
- (3) Tighten screws to hold rear of stop bumper to door inner panel.
- (4) Install trim panel.

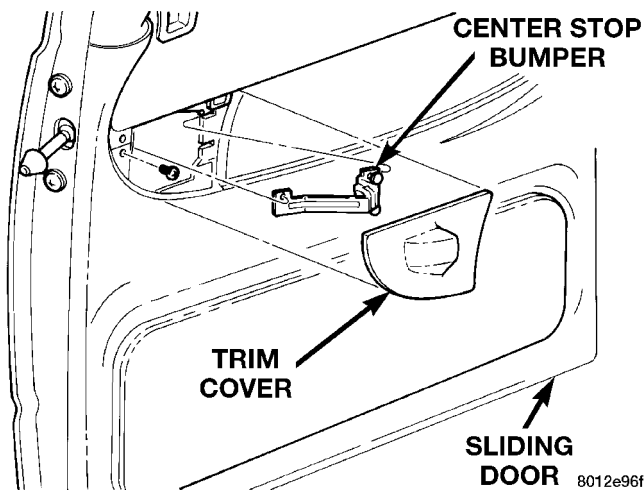


Fig. 59 Sliding Door Stop Bumper

SLIDING DOOR LATCH / LOCK CONTROL

REMOVAL

- (1) Remove sliding door trim panel.
- (2) Remove sliding door stop bumper.
- (3) Remove sound pad, if equipped.
- (4) Remove latch / lock control cover (Fig. 60).
- (5) With sliding door ajar, disengage clip holding rear latch link to latch / lock control (Fig. 61) (Fig. 62).
- (6) Place a flat head screw driver between metal clip ears and bottom of link.

NOTE: Rotate screw driver to remove link.

CAUTION: Replace the latch / lock control if any of the metal clips on the latch / lock control are bent or broken. DO NOT attempt to repair the clips to retain the links.

(7) Separate rear latch link from latch / lock control.

(8) Disengage clip holding outside door handle link to latch / lock control (Fig. 62).

(9) Separate outside door handle link from latch / lock control.

(10) Disengage clip holding inside door handle bellcrank link to latch / lock control (Fig. 62).

(11) Separate inside door handle bellcrank link from latch / lock control.

(12) Disengage clip holding lock cylinder link to latch / lock control.

(13) Separate lock cylinder link from control.

(14) Disengage clip holding inside lock link to latch / lock control.

(15) Separate inside lock link from control.

(16) Disengage lock tabs holding hold open latch cable case to latch / lock control.

(17) Separate hold open latch cable ball end from latch / lock control.

(18) Loosen bolts holding latch / lock control to sliding door.

(19) If equipped, disengage wire connector from power door lock motor.

(20) Separate latch / lock from vehicle.

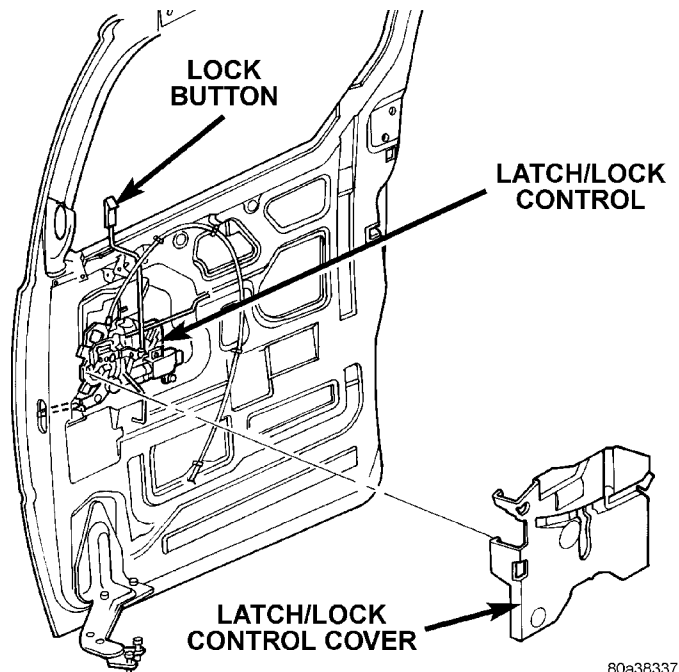


Fig. 60 Latch / Lock Cover

INSTALLATION

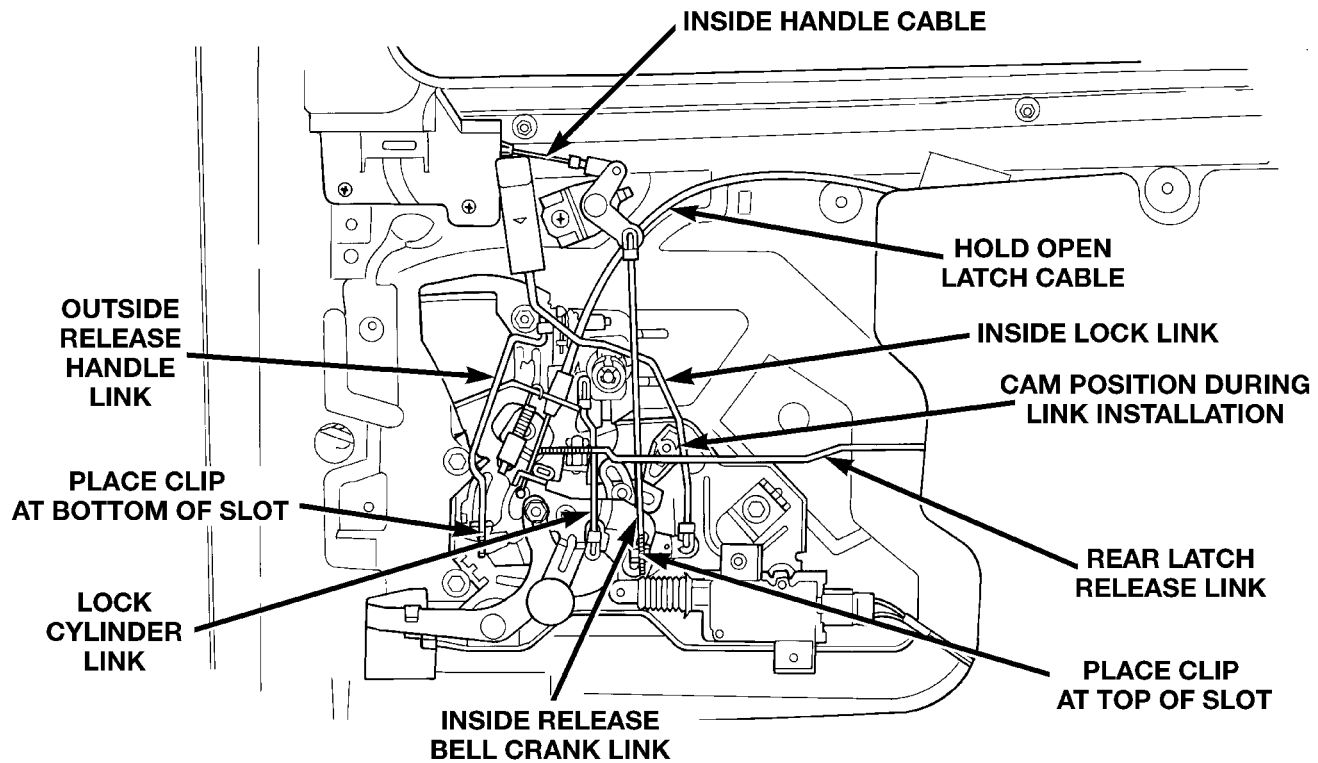
(1) Position latch / lock locking lever in unlocked position.

(2) Engage rigging cam (Fig. 61).

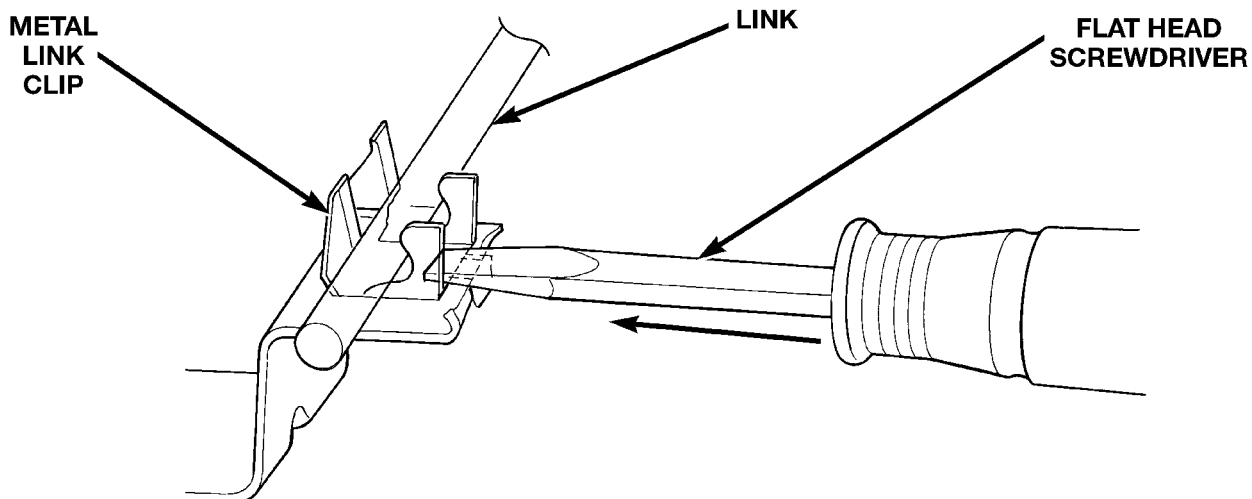
(3) Place latch / lock in position on vehicle.

(4) If equipped, engage wire connector into power door lock motor.

REMOVAL AND INSTALLATION (Continued)



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Fig. 61 Sliding Door Latch / Lock Control Linkage

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Fig. 62 Latch / Lock Control Link Removal

(5) Insert bolt heads into slots in sliding door inner panel.

(6) Tighten bolts to hold latch / lock control to sliding door.

(7) Engage hold open latch cable ball end into latch / lock control.

(8) Engage lock tabs to hold the hold open latch cable case to latch / lock control.

(9) Insert lock cylinder link into control.

(10) Engage clip to hold lock cylinder link to latch / lock control.

(11) Insert inside lock link into control.

REMOVAL AND INSTALLATION (Continued)

(12) Engage clip to hold inside lock link to latch / lock control.

(13) Lift clip for inside door handle bellcrank link to top of slot in mechanism (Fig. 61).

(14) Pull inside release bellcrank link downward to remove cable slack then engage link to clip.

(15) Lower clip for outside door handle link to bottom of slot in mechanism and engage link to clip (Fig. 61).

NOTE: Move link rearward until movement stops before engaging link to clip.

(16) Place rear latch link in position on control by moving link rearward until movement stops.

(17) Engage clip to hold rear latch release link to latch / lock control.

(18) Push inside lock link button downward to disengage rigging cam.

(19) Verify sliding door operation.

(20) Install latch / lock cover.

(21) Install sound pad, if equipped.

(22) Install sliding door stop bumper.

(23) Install sliding door trim panel.

SLIDING DOOR REAR LATCH

REMOVAL

- (1) Remove sliding door trim panel.
- (2) Remove water shield as necessary.
- (3) Open sliding door to the ajar position.
- (4) Disengage clip holding linkage to rear latch.
- (5) Remove screws holding rear latch to sliding door end frame (Fig. 63).
- (6) Separate sliding door rear latch from door through rear access hole.

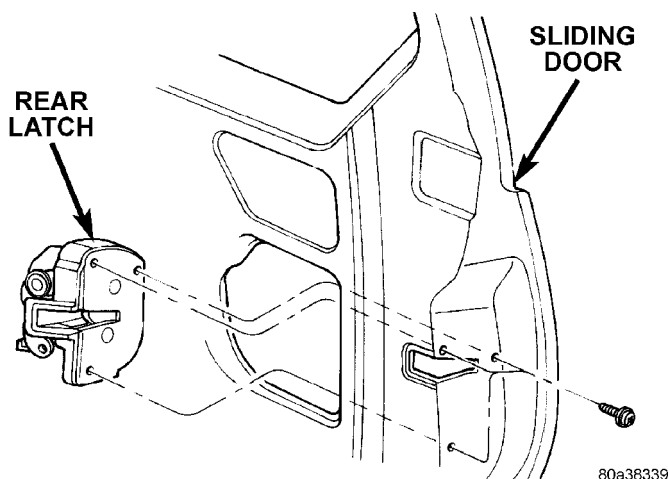


Fig. 63 Sliding Door Rear Latch

INSTALLATION

NOTE: The screws attaching the rear latch to sliding door end frame have locking patch on the threads. Screws must be replaced during installation.

- (1) Position sliding door rear latch on door through rear access hole.
- (2) Install screws to hold rear latch to sliding door end frame.
- (3) Engage clip to hold linkage to rear latch.
- (4) Verify sliding door operation. Adjust as necessary.
- (5) Install water shield.
- (6) Install sliding door trim panel.

SLIDING DOOR LATCH STRIKER

REMOVAL

- (1) Open sliding door.
- (2) Mark outline of striker on C-pillar door jamb face to aid installation.
- (3) Remove screws holding striker to C-pillar (Fig. 64).
- (4) Separate striker from vehicle.

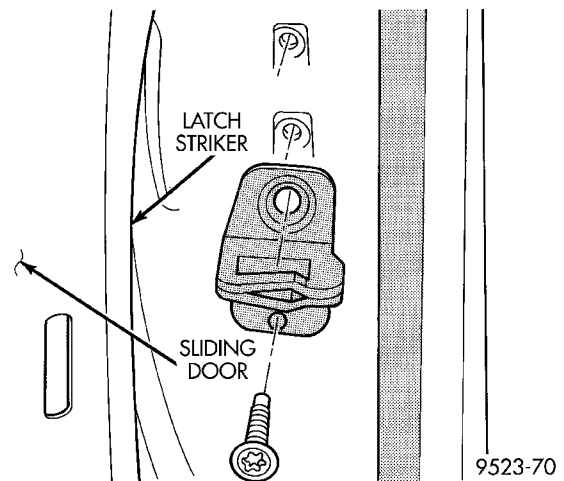


Fig. 64 Sliding Door Latch Striker

INSTALLATION

- (1) Place striker in position on vehicle.
- (2) Align striker to outline marks on C-pillar.
- (3) Install screws to hold striker to C-pillar.
- (4) Verify sliding door alignment and operation.

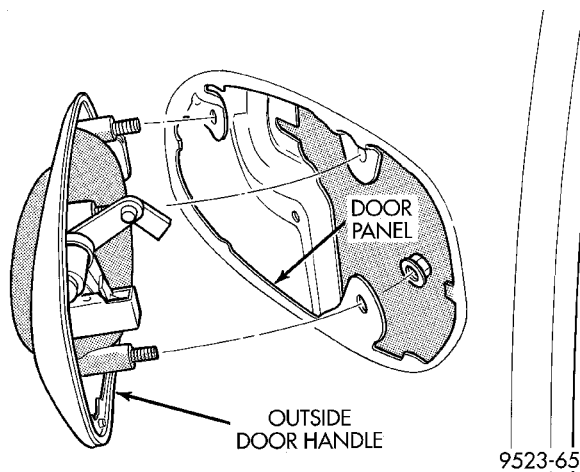
SLIDING DOOR OUTSIDE LATCH RELEASE HANDLE

REMOVAL

- (1) Remove sliding door trim panel.
- (2) Remove sliding door stop bumper.
- (3) Remove watershield as necessary to access outside release handle fasteners.

REMOVAL AND INSTALLATION (Continued)

- (4) Remove latch/lock control cover.
- (5) Disengage clip holding outside door handle linkage to door handle.
- (6) Separate linkage from outside door handle.
- (7) Separate linkage from latch/lock control.
- (8) Remove nuts holding outside door handle to outer door panel (Fig. 65).
- (9) Separate outside door handle from vehicle.

**Fig. 65 Sliding Door Outside Latch Release Handle**

INSTALLATION

- (1) Position outside door handle on vehicle.
- (2) Install nuts to hold outside door handle to outer door panel.
- (3) Insert linkage into outside door handle.
- (4) Engage clip to hold linkage to outside door handle.
- (5) Engage rigging cam to latch/lock control mechanism.
- (6) Move clip on latch/lock control to bottom of slot and engage linkage to latch/lock control.
- (7) Verify sliding door operation. Adjust as necessary.
- (8) Install latch/lock cover.
- (9) Install watershield.
- (10) Install sliding door stop bumper.
- (11) Install sliding door trim panel.

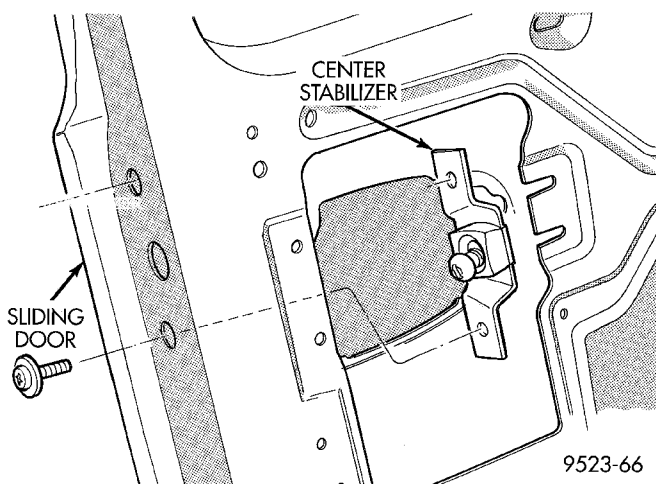
SLIDING DOOR CENTER STABILIZER

REMOVAL

- (1) Remove sliding door trim panel.
- (2) Remove screws holding center stabilizer to door end frame (Fig. 66).
- (3) Separate center stabilizer from door through access hole.

INSTALLATION

- (1) Place center stabilizer in position on door through access hole.

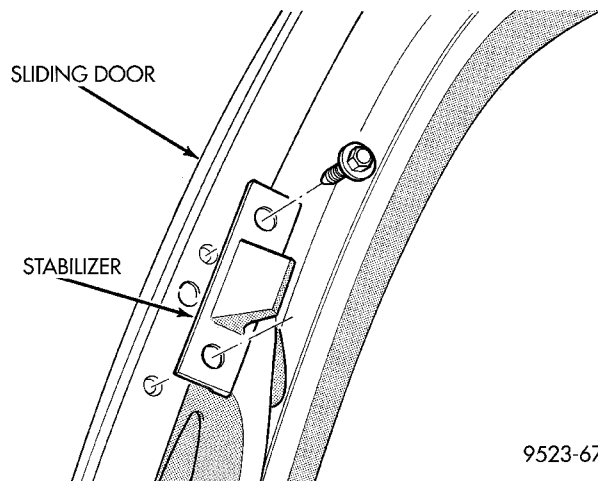
**Fig. 66 Sliding Door Center Stabilizer**

- (2) Install screws to hold center stabilizer to door end frame.
- (3) Install sliding door trim panel.

SLIDING DOOR STABILIZER

REMOVAL

- (1) Open sliding door.
- (2) Remove screws holding stabilizer to door end frame (Fig. 67).
- (3) Separate stabilizer from vehicle.

**Fig. 67 Sliding Door Stabilizer**

INSTALLATION

- (1) Place stabilizer in position on vehicle.

NOTE: Loose install screws first. Fit should be snug but free to move when closing door to align to body half stabilizer.

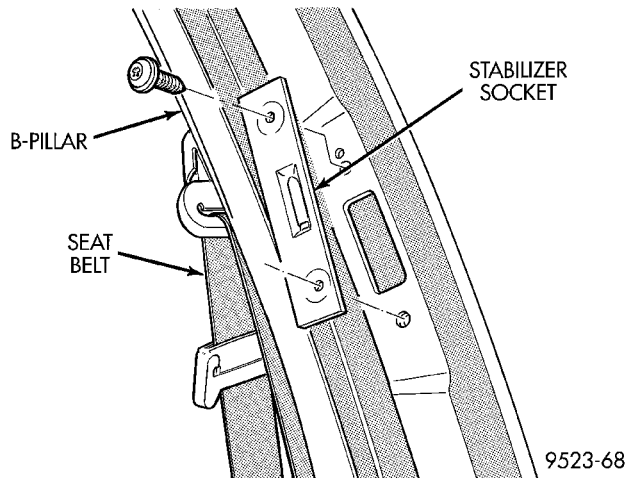
- (2) Install screws to hold stabilizer to door end frame.
- (3) Open door and final torque screws.
- (4) Verify sliding door operation.

REMOVAL AND INSTALLATION (Continued)

SLIDING DOOR STABILIZER SOCKET

REMOVAL

- (1) Open sliding door.
- (2) Remove screws holding stabilizer socket to B-pillar (Fig. 68).
- (3) Separate stabilizer socket from vehicle.

**Fig. 68 Sliding Door Stabilizer Socket**

INSTALLATION

- (1) Place stabilizer socket in position on vehicle.
- (2) Install screws to hold stabilizer socket to B-pillar.
- (3) Close sliding door and verify operation.

SLIDING DOOR WEATHERSTRIP

REMOVAL

- (1) Open sliding door.
- (2) Remove door opening sill plate.
- (3) Loosen B-pillar trim covers.
- (4) Loosen quarter panel trim panels.
- (5) From splice at the bottom center of door opening, pull weatherstrip from pinch flange around door opening.

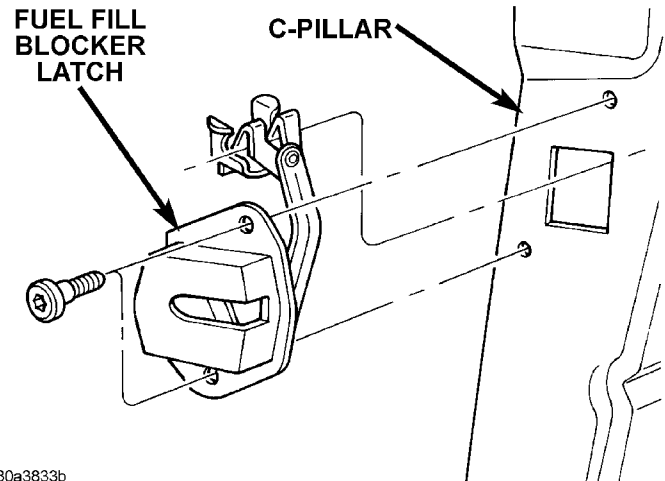
INSTALLATION

Reverse the preceding operation.

FUEL FILL DOOR BLOCKER LATCH

REMOVAL

- (1) Remove left quarter trim panel.
- (2) Remove water shield patch covering access hole in C-pillar.
- (3) Disengage latch release link from clip on fuel fill blocker latch arm (Fig. 70).
- (4) Remove screws holding fuel fill blocker latch to C-pillar (Fig. 69).
- (5) Separate fuel fill blocker latch from vehicle.

**Fig. 69 FUEL FILL DOOR BLOCKER LATCH**

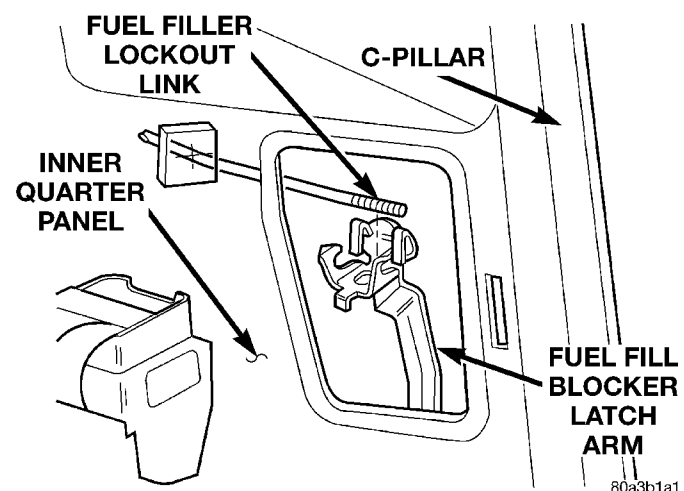
INSTALLATION

- (1) Position fuel fill blocker latch on vehicle.
- (2) Install screws to hold fuel fill blocker latch to C-pillar.
- (3) Engage latch release link into clip on fuel fill blocker latch arm with fuel door in the closed position.
- (4) Install water shield patch to cover access hole in C-pillar.
- (5) Verify fuel fill blocker latch operation.
- (6) Install left quarter trim panel.

FUEL FILL DOOR BLOCKER LOCKOUT LINK

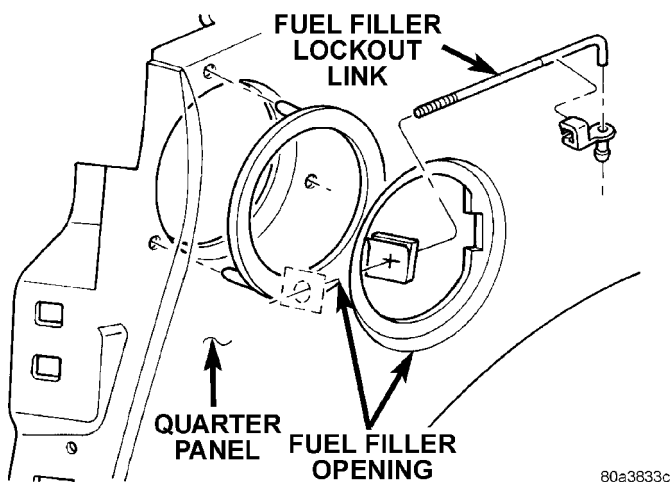
REMOVAL

- (1) Remove left quarter trim panel.
- (2) Remove water shield patch covering access hole in C-pillar.
- (3) Disengage fuel filler lockout link from clip on fuel fill blocker latch arm (Fig. 70).
- (4) Open fuel fill door.

**Fig. 70 Fuel Filler Lockout Link at Latch Arm**

REMOVAL AND INSTALLATION (Continued)

- (5) Remove screws holding fuel filler housing to fuel filler tube neck.
- (6) Reaching inside fuel filler housing, release clips holding housing to outer quarter panel.
- (7) Separate fuel filler housing and lockout link from vehicle.
- (8) Disengage clip holding link to fuel fill door (Fig. 71).
- (9) Separate link from fuel fill door.

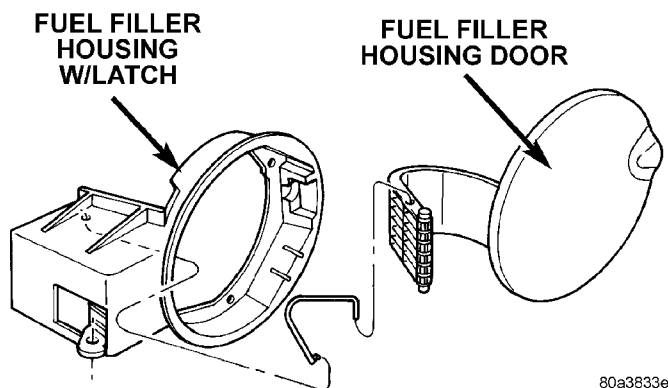
**Fig. 71 Fuel Filler Lockout Link****INSTALLATION**

- (1) Insert link into clip on fuel fill door.
- (2) Engage clip to hold link to fuel fill door.
- (3) Insert lockout link through grommet in panel between inner and outer quarter panel.
- (4) Close fuel fill door.
- (5) Install fuel filler housing to outer quarter panel.
- (6) Verify that all clips on fuel filler housing are fully engaged to outer quarter panel.
- (7) Engage fuel filler lockout link into clip on fuel fill blocker latch arm.
- (8) Install water shield patch covering access hole in C-pillar.
- (9) Install left quarter trim panel.

FUEL FILLER HOUSING—WITH BLOCKER LATCH**REMOVAL**

- (1) Remove left quarter trim panel.
- (2) Remove water shield patch covering access hole in C-pillar.
- (3) Disengage latch release link from clip on fuel fill blocker latch arm (Fig. 70).
- (4) Open fuel fill door.
- (5) Remove screws holding fuel fill neck to fuel filler housing.
- (6) Position fuel fill neck out of the way.
- (7) Reaching inside fuel filler housing, release clips holding housing to quarter panel (Fig. 72).

- (8) Separate fuel fill door from vehicle.
- (9) Disengage clip holding link to fuel fill door (Fig. 71).
- (10) Separate link from fuel fill door.

**Fig. 72 Fuel Filler Housing and Door****INSTALLATION**

- (1) Insert lockout link into clip on fuel fill door.
- (2) Engage clip to hold link to fuel fill door.
- (3) Insert lockout link through grommet in panel between inner and outer quarter panel.
- (4) Close fuel fill door.
- (5) Install fuel filler housing to outer quarter panel.
- (6) Verify that all clips on fuel filler housing are fully engaged to outer quarter panel.
- (7) Place fuel fill neck in position.
- (8) Install screws to hold fuel fill neck to fuel filler housing.
- (9) Engage latch release link into clip on fuel fill blocker latch arm.
- (10) Verify fuel fill blocker latch operation.
- (11) Install water shield patch to cover access hole in C-pillar.
- (12) Install left quarter trim panel.

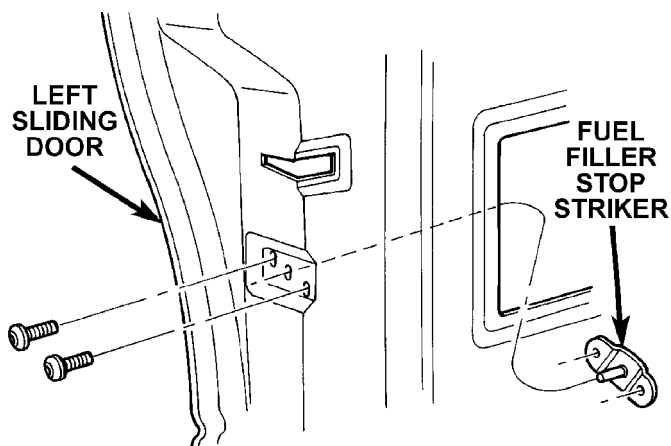
FUEL FILL DOOR BLOCKER LATCH STRIKER**REMOVAL**

- (1) Remove sliding door trim panel.
- (2) Remove watershield as necessary to access striker
- (3) Remove screws holding fuel fill door blocker latch striker to sliding door rear end frame (Fig. 73).
- (4) Separate fuel fill door blocker latch striker from vehicle.

INSTALLATION

- (1) Position fuel fill door blocker latch striker on vehicle.
- (2) Install screws to hold fuel fill door blocker latch striker to sliding door rear end frame.
- (3) Install sliding door water shield.
- (4) Install sliding door trim panel.

REMOVAL AND INSTALLATION (Continued)



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Fig. 73 Fuel Fill Door Blocker Latch Striker**STICK-ON BODY SIDE MOLDING****REMOVAL**

Refer to (Fig. 74), (Fig. 75), (Fig. 76), (Fig. 77) or (Fig. 78) for proper location of fasteners holding the molding to the wheelhouse lip and rocker panels.

(1) Warm the affected stick-on molding and body metal to approximately 38°C (100°F) using a suitable heat lamp or heat gun.

(2) If equipped, remove pop-rivets holding molding edge to wheelhouse lip.

(3) Pull stick-on molding from painted surface.

(4) Remove adhesive tape residue from painted surface of vehicle. Use a 3M Scotch-Brite™ Molding Adhesive and Stripe Removal Disc, or equivalent, to clean adhesive residue from painted surfaces. These products are available from automotive paint suppliers. Refer to instructions supplied with the specific product for proper usage.

INSTALLATION

Refer to (Fig. 74), (Fig. 75), (Fig. 76), (Fig. 77) or (Fig. 78) for proper location of fasteners to hold the molding to the wheelhouse lip and rocker panels.

(1) If molding is to be reused;

(a) Remove tape residue from molding.

(b) Clean back of molding with Mopar® Super Kleen, or equivalent.

(c) Wipe molding dry with lint free cloth.

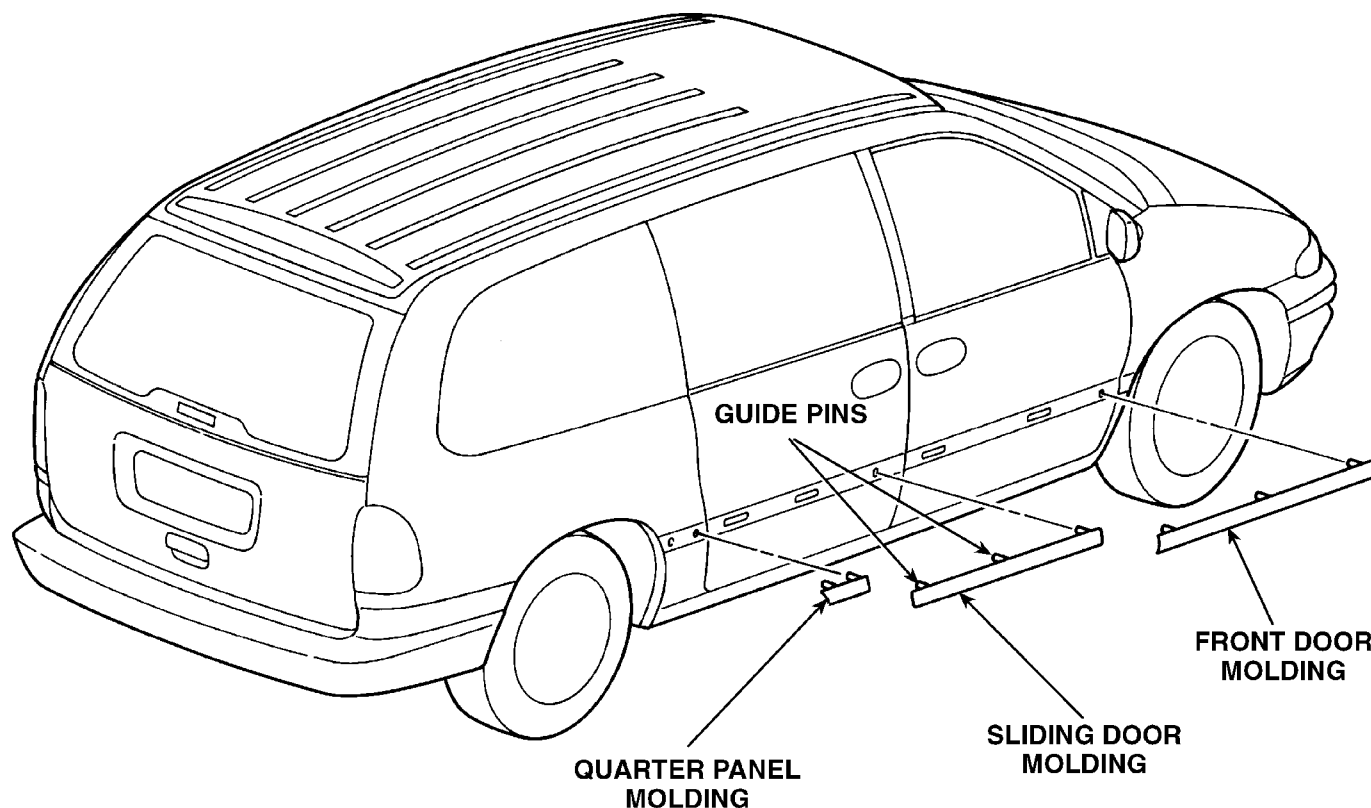
(d) Apply a single coat of Mopar® TPO Molding Prep to tape side of molding and allow to dry thoroughly.

(e) Apply new body side molding (two sided adhesive) tape to back of molding.

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

(3) Remove protective cover from tape on back of molding.

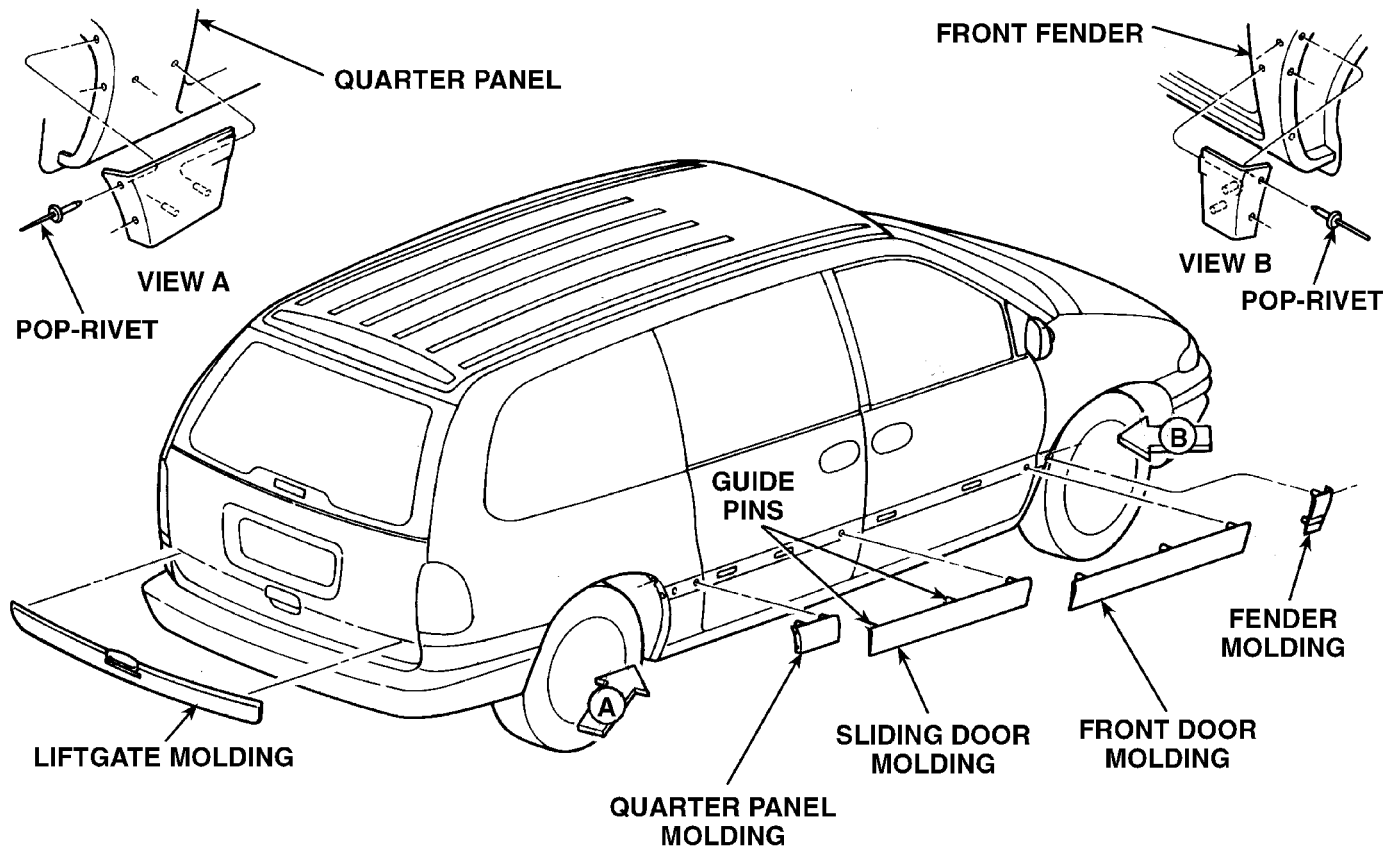
(4) Apply molding to body from front to rear, inserting locator pins into hole in body panel.



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Fig. 74 Body Side Moldings—Base

REMOVAL AND INSTALLATION (Continued)



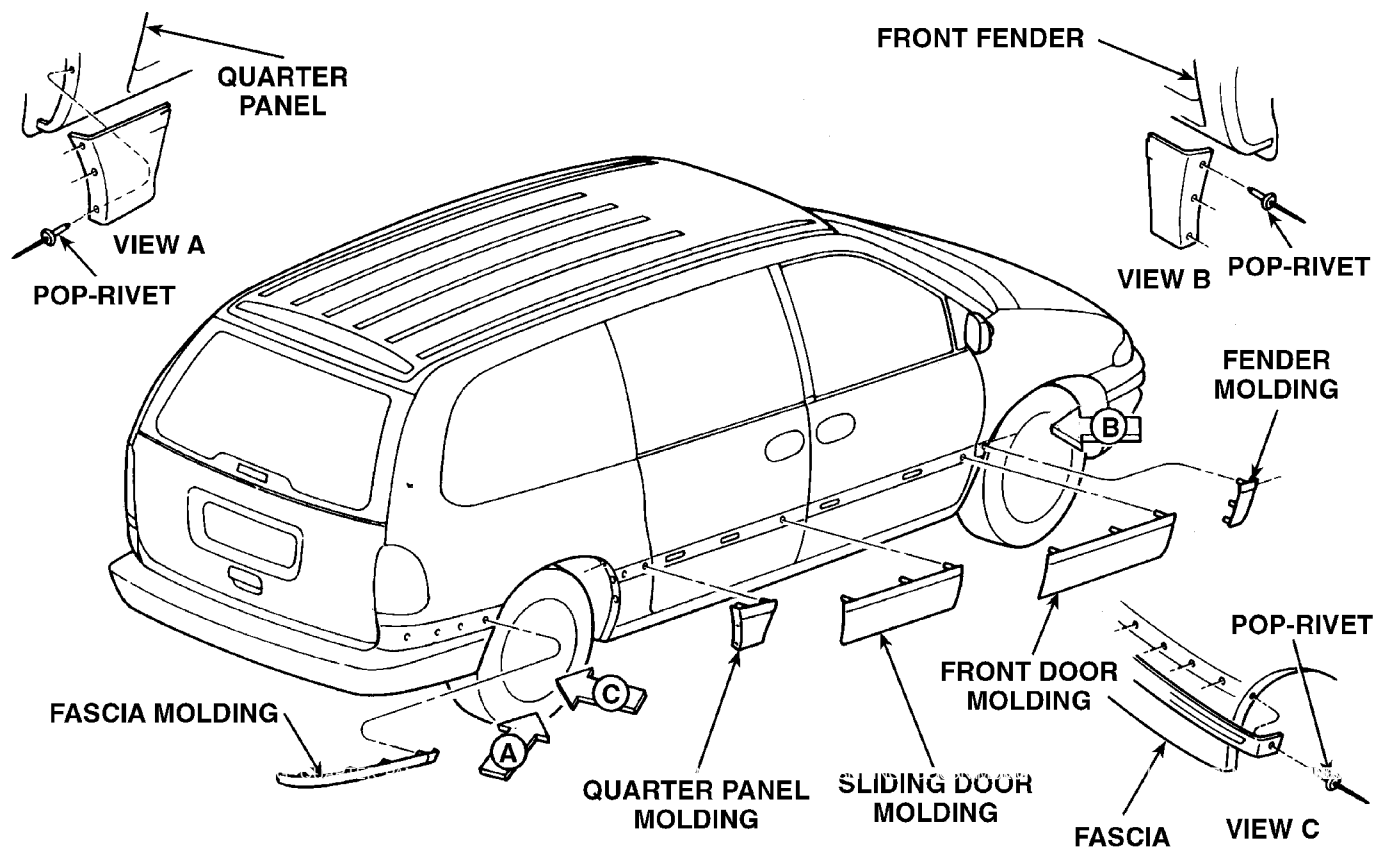
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Fig. 75 Body Side Moldings—Highline

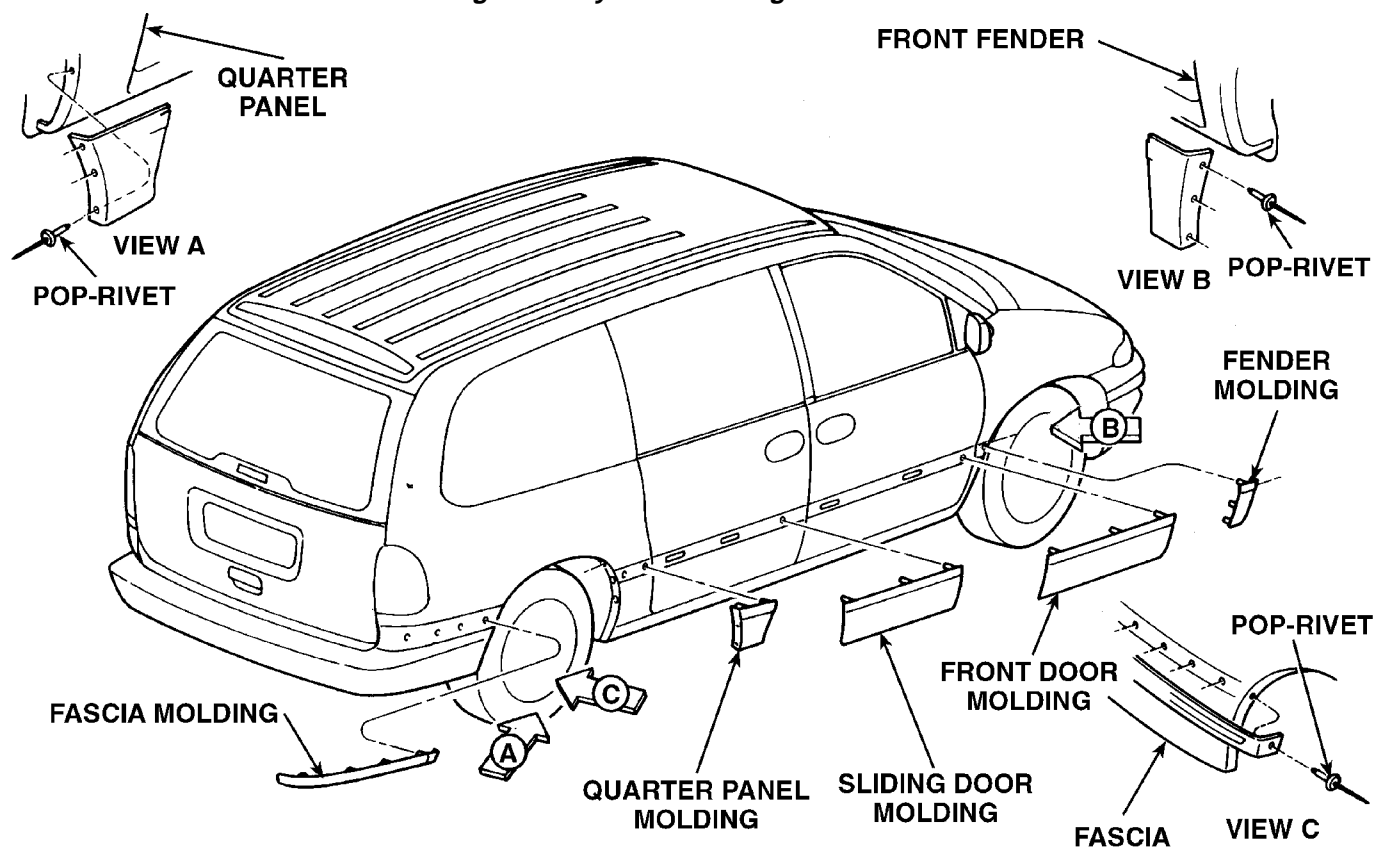
(5) Using a roller tool, roll molding onto body panel with enough force to assure adhesion. Do not apply excessive force, or damage to body panels may result.

(6) Install pop-rivets to hold molding edge to wheelhouse lip, if necessary.

REMOVAL AND INSTALLATION (Continued)



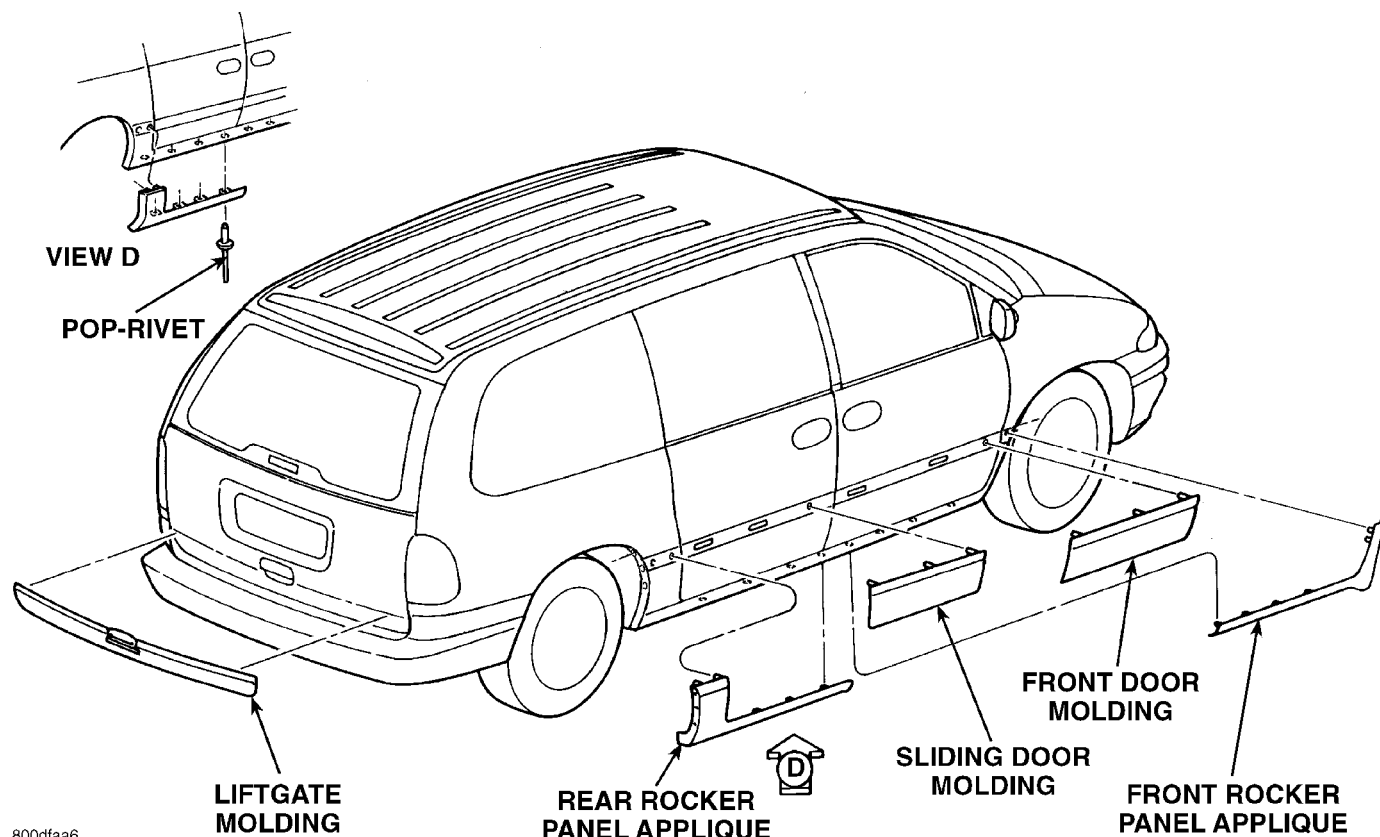
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Fig. 76 Body Side Moldings—Premium

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Fig. 77 Body Side Moldings—Luxury

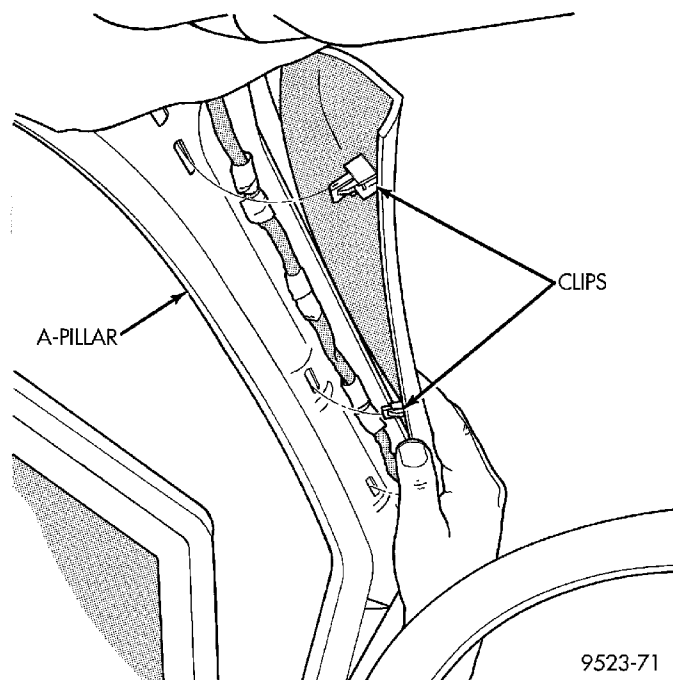
REMOVAL AND INSTALLATION (Continued)

*Fig. 78 Body Side Moldings with Applique***A-PILLAR TRIM PANEL****REMOVAL**

- (1) Disengage hidden clips holding A-pillar trim panel to A-pillar (Fig. 79).
- (2) Separate A-pillar trim from vehicle.

INSTALLATION

- (1) Position foot on A-pillar trim panel into instrument panel top cover channel.
- (2) Position A-pillar trim in vehicle.
- (3) Align locator pins.
- (4) Engage hidden clips.

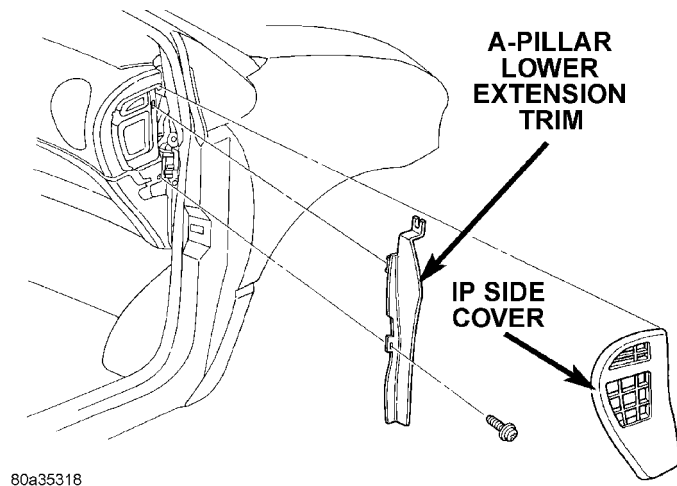
*Fig. 79 A-pillar Trim***A-PILLAR LOWER EXTENSION TRIM****REMOVAL**

- (1) Remove instrument panel side cover.
- (2) Remove screw holding A-pillar extension to door hinge pillar.
- (3) Separate A-pillar extension trim from vehicle (Fig. 80).

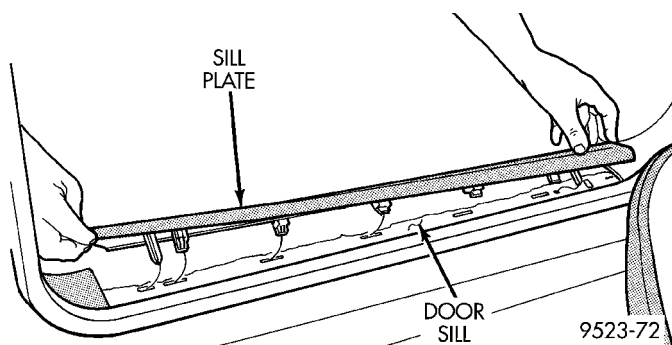
INSTALLATION

- (1) Place A-pillar extension trim in position on vehicle.
- (2) Install screw to hold A-pillar extension to door hinge pillar.
- (3) Install instrument panel side cover.

REMOVAL AND INSTALLATION (Continued)

**Fig. 80 A-pillar Lower Extension Trim****FRONT DOOR SILL PLATE****REMOVAL**

- (1) Using trim stick C-4755, disengage hidden clips holding door sill plate from door sill.
- (2) Separate sill plate from vehicle (Fig. 81).

**Fig. 81 Door Sill Plate****INSTALLATION**

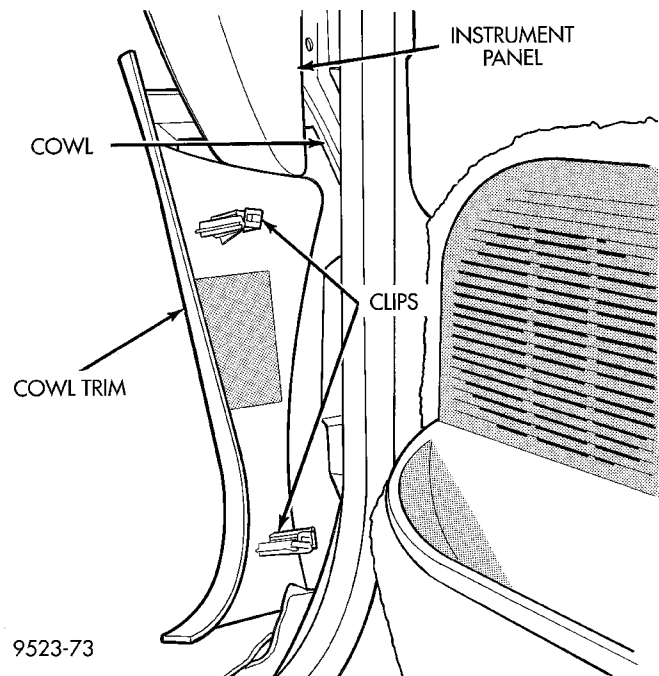
- (1) Place sill plate in position on vehicle.
- (2) Align locating pins on backside of trim plate to mating holes in door sill.
- (3) Engage hidden clips to hold door sill plate to door sill.

COWL TRIM**REMOVAL**

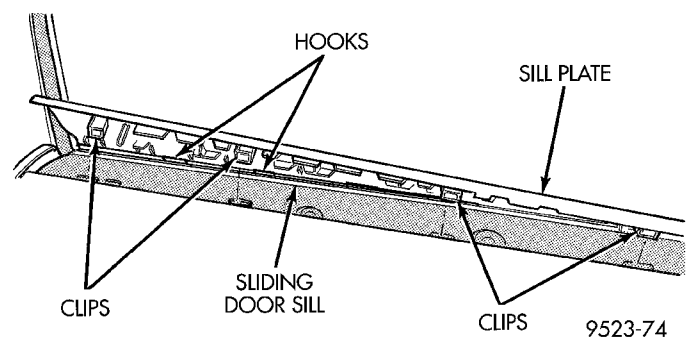
- (1) Remove door sill plate.
- (2) Disengage hidden clips holding cowl trim to cowl panel (Fig. 82).
- (3) Separate cowl trim from vehicle.

INSTALLATION

- (1) Place cowl trim sill plate in position on vehicle.
- (2) Engage hidden clips to hold cowl trim to cowl panel.
- (3) Install door sill plate.

**Fig. 82 Cowl Trim****SLIDING DOOR SILL PLATE****REMOVAL**

- (1) Disengage hidden clips holding sill plate to sliding door opening sill.
- (2) Disengage hooks holding outside edge of sill plate to door sill (Fig. 83).
- (3) Separate sill plate from vehicle.

**Fig. 83 Sliding Door Sill Plate****INSTALLATION**

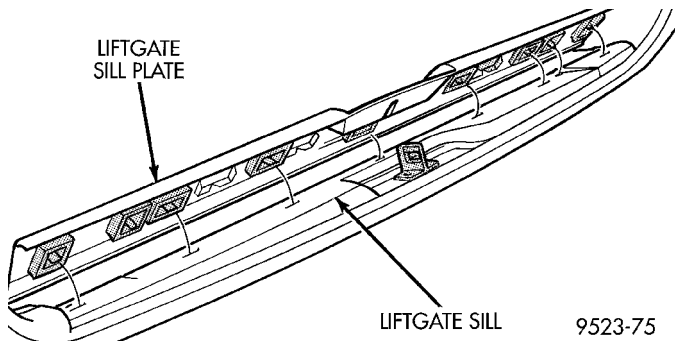
- (1) Place sill plate in position on vehicle.
- (2) Engage hooks to hold outside edge of sill plate to door sill.
- (3) Align guide pins to holes in door sill.
- (4) Engage hidden clips to hold sill plate to sliding door opening sill.

REMOVAL AND INSTALLATION (Continued)

LIFTGATE SILL PLATE

REMOVAL

- (1) Disengage hidden clips holding sill plate to liftgate door opening sill (Fig. 84).
- (2) Separate sill plate from vehicle.

**Fig. 84 Liftgate Sill Plate**

INSTALLATION

- (1) Place sill plate in position on vehicle.
- (2) Align locator rib into recess in liftgate sill.
- (3) Engage hidden clips to hold sill plate to liftgate door opening sill.

OVERHEAD GRAB-HANDLES

REMOVAL

- (1) Using a trim stick (C-4755), remove screw access covers from grab-handle.
- (2) Remove screws holding grab-handle to roof rail.
- (3) Separate grab-handle from vehicle.

INSTALLATION

- (1) Place grab-handle in position on vehicle.
- (2) Install screws to hold grab-handle to roof rail.
- (3) Install screw access covers into grab-handle.

REAR HEADER TRIM

REMOVAL

- (1) Disengage hidden clips holding trim to rear header (Fig. 85).
- (2) Separate rear header trim from vehicle.

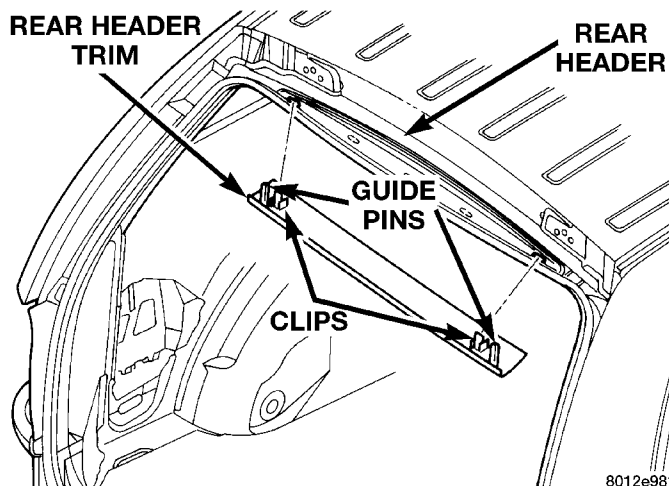
INSTALLATION

- (1) Place rear header trim in position on vehicle.
- (2) Align guide pins on trim to holes in header.
- (3) Engage hidden clips to hold trim to rear header.

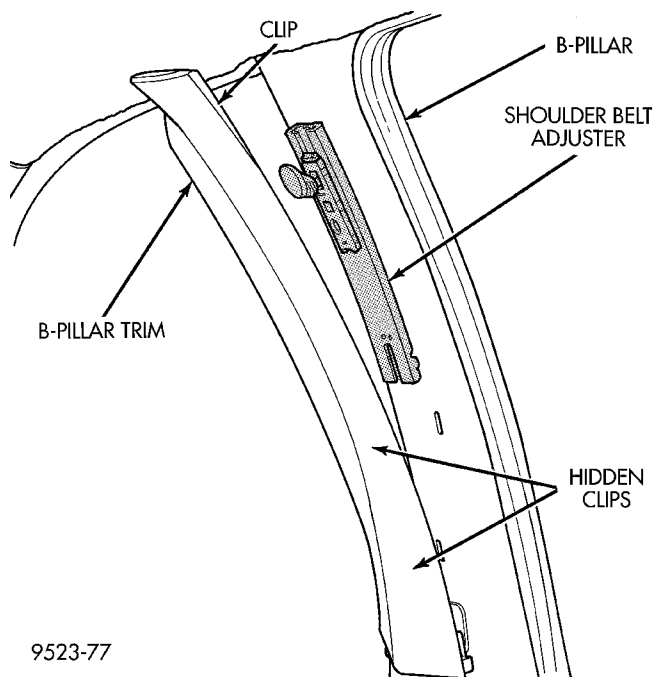
UPPER B-PILLAR TRIM COVER

REMOVAL

- (1) Remove bolt holding lower seat belt anchor to floor.

**Fig. 85 Rear Header Trim**

- (2) Lower shoulder belt height adjuster to the bottom of travel.
- (3) Remove shoulder belt turning loop from height adjuster.
- (4) Using Snap-on® prying tool (A179A), or equivalent, remove shoulder belt height adjuster knob.
- (5) Remove shoulder belt bezel from trim cover.
- (6) Remove screw holding trim cover to B-pillar from inside bezel cavity.
- (7) Disengage hidden clips holding trim cover to B-pillar.
- (8) Separate B-pillar trim cover from vehicle (Fig. 86).

**Fig. 86 Upper B-pillar Trim Cover**

REMOVAL AND INSTALLATION (Continued)

INSTALLATION

- (1) Insert seat belt through B-pillar trim and web guide.
- (2) Place B-pillar trim cover in position on vehicle.
- (3) Engage hidden clips to hold trim cover to B-pillar.
- (4) Install screw to hold trim cover to B-pillar inside bezel cavity.
- (5) Install shoulder belt bezel into trim cover.
- (6) Install height adjuster knob.
- (7) Install shoulder belt turning loop onto height adjuster.
- (8) Place seat anchor in position on floor so webbing is pointed rearward and slightly outboard.
- (9) Install bolt to hold lower seat belt anchor to floor.

LOWER B-PILLAR TRIM COVER

REMOVAL

- (1) Slide lower seat belt cover rearward to expose anchor bolt.
- (2) Remove bolt holding lower seat belt anchor to floor.
- (3) Remove upper B-pillar trim cover.
- (4) Remove access panel from B-pillar trim (Fig. 87).
- (5) Remove screw holding lower trim cover to B-pillar from below seat belt retractor.
- (6) Disengage hidden clips holding lower trim cover to B-pillar.
- (7) Separate lower B-pillar trim cover from vehicle.

INSTALLATION

- (1) Place lower B-pillar trim cover in position on vehicle.
- (2) Insert seat belt through hole in lower B-pillar trim.
- (3) Engage hidden clips to hold lower trim cover to B-pillar.
- (4) Install screw to hold lower trim cover to B-pillar below seat belt retractor.
- (5) Install access cover.
- (6) Install upper B-pillar trim cover.
- (7) Place seat belt anchor in position on floor so webbing is pointed rearward and slightly outboard.
- (8) Install bolt to hold lower seat belt anchor to floor.
- (9) Verify that seat belt anchor does not interfere with seat track travel.

QUARTER TRIM BOLSTER

The speaker grille in the quarter trim bolster is not removable. The trim bolster must be removed to service the speaker.

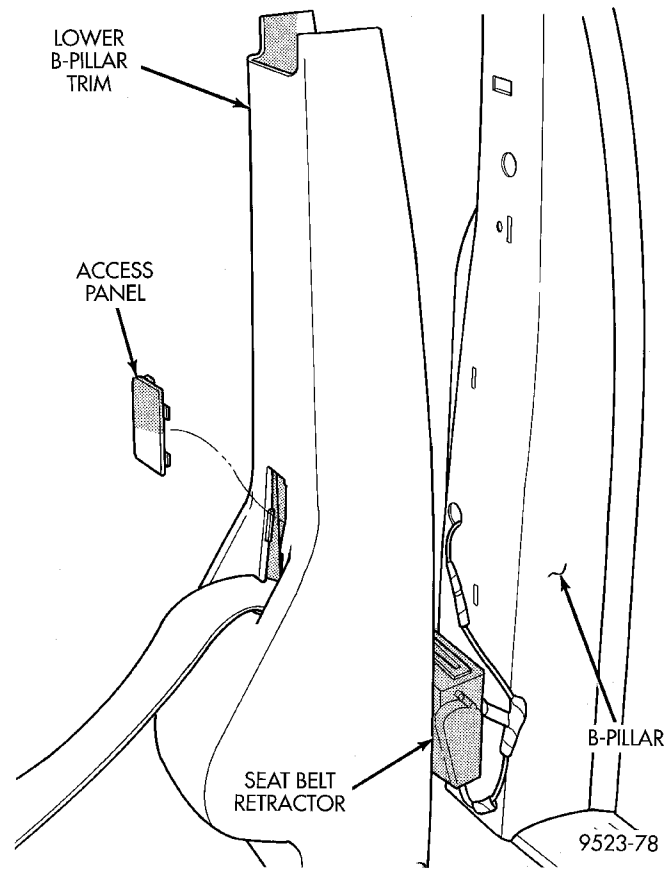


Fig. 87 Lower B-pillar Trim Cover

REMOVAL

- (1) Disengage hidden clips holding trim bolster to quarter trim panel (Fig. 88) and (Fig. 89).
- (2) Disengage hook retainer holding front of trim bolster to quarter trim panel, if applicable (Fig. 88).
- (3) Separate quarter trim bolster from vehicle.

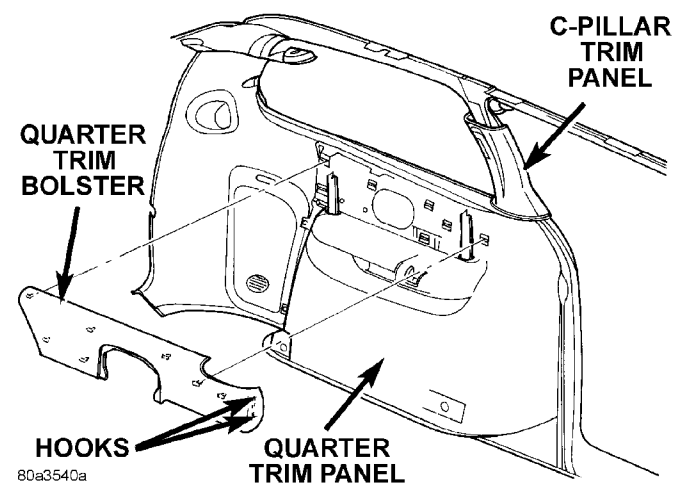
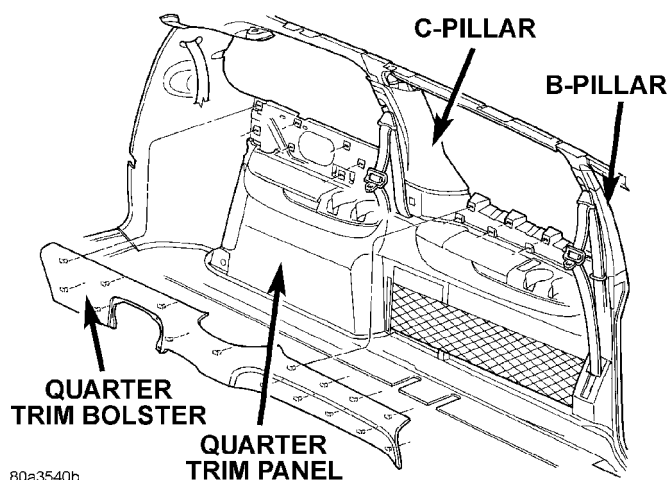


Fig. 88 Left Quarter Trim Bolster—LWB4 Door

INSTALLATION

- (1) Place quarter trim bolster in position on vehicle.
- (2) Engage hook retainer to hold front of trim bolster to quarter trim panel, if applicable.

REMOVAL AND INSTALLATION (Continued)



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Fig. 89 Left Quarter Trim Bolster—SW Band LWB 3 Door

(3) Engage hidden clips to hold trim bolster to quarter trim panel.

UPPER C-PILLAR TRIM

REMOVAL

- (1) Remove quarter trim bolster.
- (2) Remove seat belt turning loop from height adjuster.
- (3) Remove screw holding C-pillar trim panel to C-pillar on right side of SWB vehicle.
- (4) Disengage hidden clips holding trim to upper C-pillar.
- (5) Separate upper C-pillar trim from vehicle.

INSTALLATION

- (1) Place upper C-pillar trim in position on vehicle.
- (2) Engage hidden clips to hold trim to upper C-pillar.
- (3) Install screw to hold C-pillar trim panel to C-pillar on right side of SWB vehicle.
- (4) Install seat belt turning loop onto height adjuster.
- (5) Install quarter trim bolster.

JACK STORAGE COVER

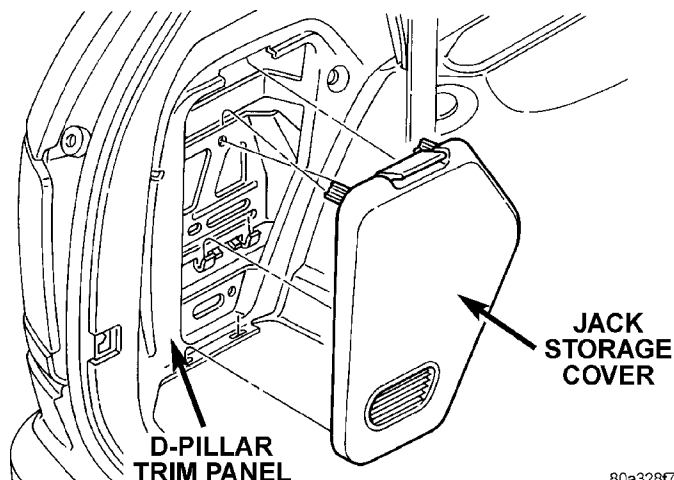
LONG WHEEL BASE

REMOVAL

- (1) Depress latch handle at top of jack storage cover (Fig. 90).
- (2) Pull outward at top of cover to disengage latch.
- (3) Separate jack storage cover from vehicle.

INSTALLATION

- (1) Place jack storage cover in position on vehicle.
- (2) Align guide pins.
- (3) Push inward at top of cover to engage latch and fastener.



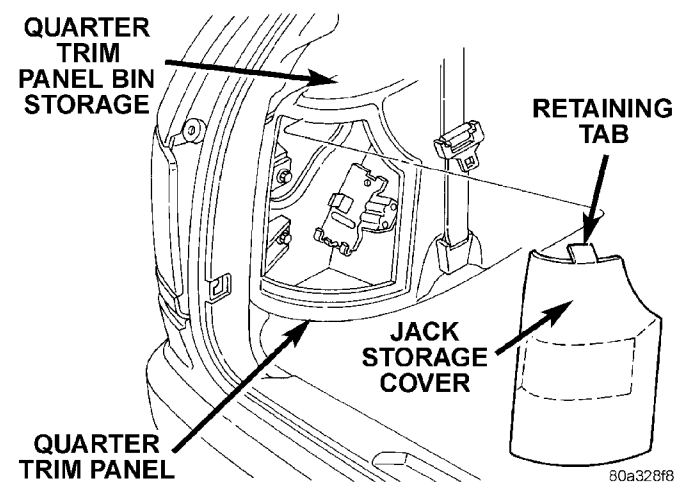
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Fig. 90 Jack Storage Cover—LWB

SHORT WHEEL BASE

REMOVAL

- (1) Open quarter panel bin storage cover.
- (2) Lift upward and rearward on jack storage cover retaining latch to disengage (Fig. 91).
- (3) Separate jack storage cover from vehicle.



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Fig. 91 Jack Storage Cover—SWB

INSTALLATION

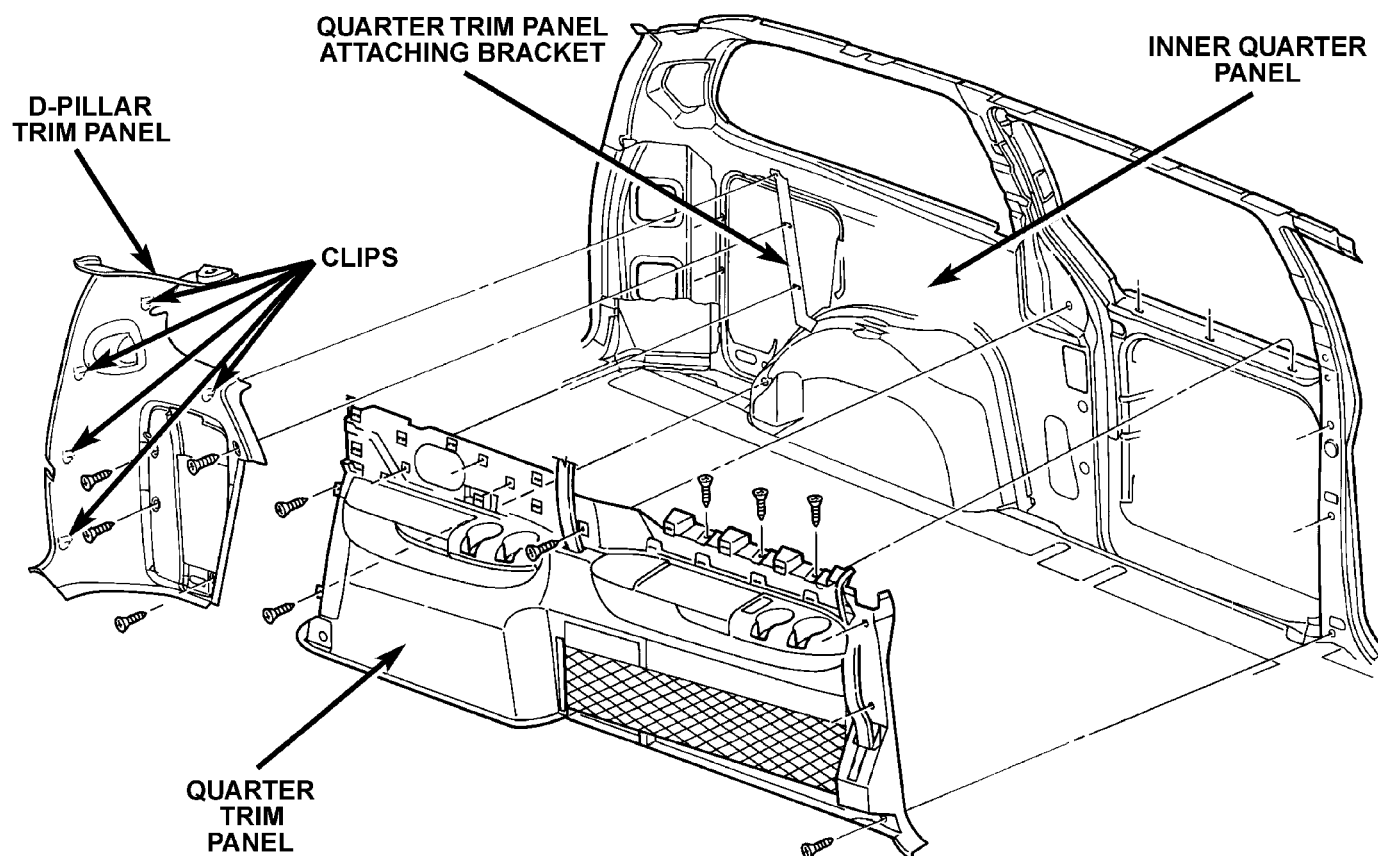
- (1) Position jack storage cover to vehicle.
- (2) Snap storage cover latch into position on quarter trim panel.
- (3) Close quarter trim panel bin storage cover.

LEFT D-PILLAR TRIM PANEL

REMOVAL

- (1) Remove rear header trim cover.
- (2) Remove liftgate sill plate.
- (3) Remove second rear seat belt turning loop on long wheel base vehicle.
- (4) Remove bolt holding second rear seat belt lower anchor to quarter on short wheel base vehicle.
- (5) Remove jack storage cover.

REMOVAL AND INSTALLATION (Continued)



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Fig. 92 Left Quarter and D-Pillar Trim Panels—LWB3 Door

- (6) Remove screws holding trim panel to D-pillar (Fig. 92), (Fig. 96), and (Fig. 97).
- (7) Disengage hidden clips holding trim to D-pillar.
- (8) Disengage speaker wire connector, if equipped.
- (9) Pass seat belt through slot in D-pillar trim panel on short wheel base vehicle.
- (10) Separate D-pillar trim from vehicle.

INSTALLATION

- (1) Pass seat belt through slot in D-pillar trim panel on short wheel base vehicle.
- (2) Position D-pillar trim panel on vehicle.
- (3) Engage speaker wire connector to speaker, if equipped.
- (4) Align locating pins on backside of trim panel to mating holes in inner quarter panel.
- (5) Engage hidden clips to hold trim to D-pillar.
- (6) Install screws to hold trim to D-pillar.
- (7) Install jack storage cover.
- (8) Install bolt to hold second rear seat belt lower anchor to quarter on short wheel base vehicle.
- (9) Install second rear seat belt turning loop on long wheel base vehicle.
- (10) Install liftgate sill plate.
- (11) Install rear header trim cover.

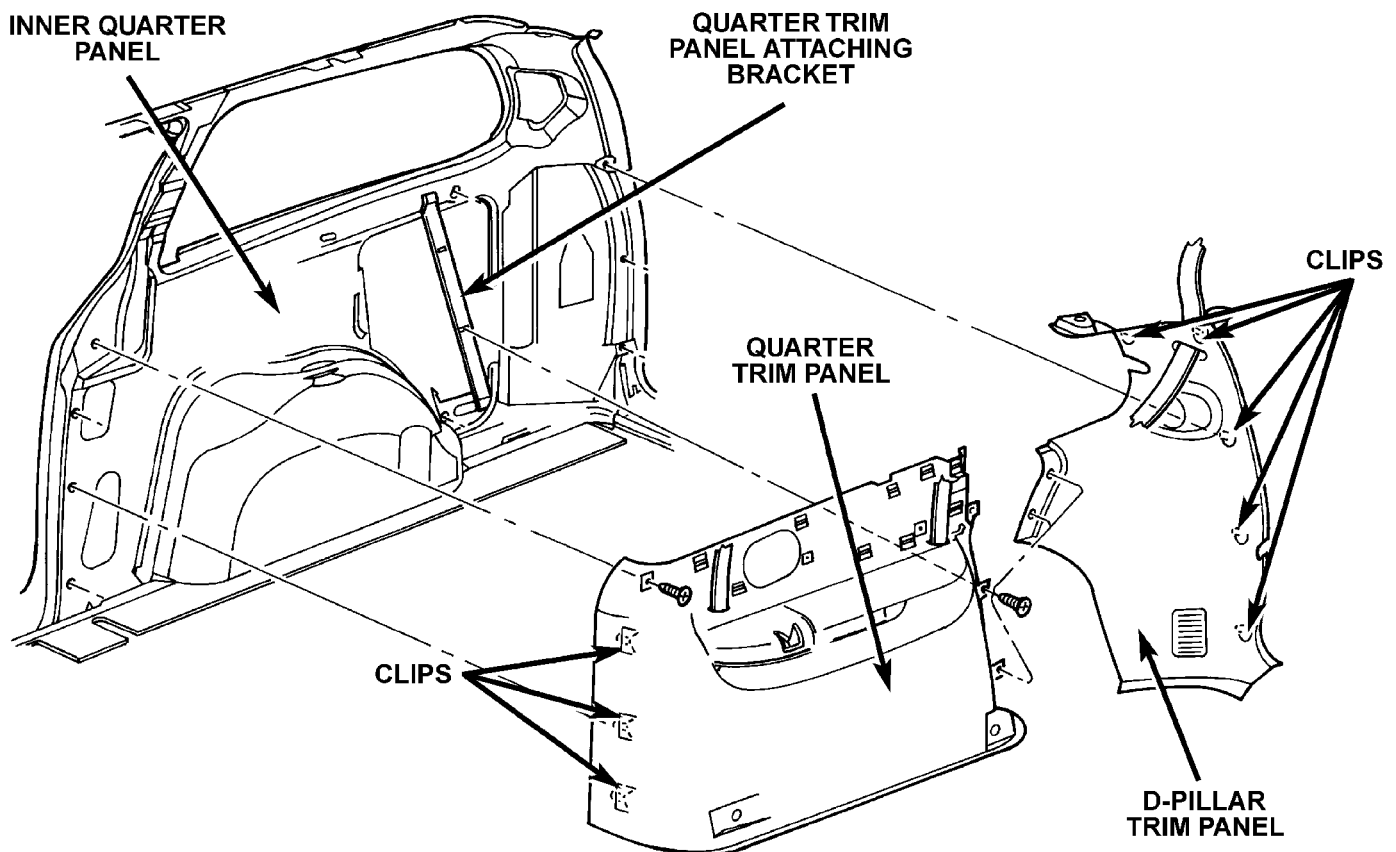
REMOVAL AND INSTALLATION (Continued)

RIGHT D-PILLAR TRIM PANEL**REMOVAL**

- (1) Remove rear header trim cover.
- (2) Remove liftgate sill plate.
- (3) Remove second rear seat belt turning loop on long wheel base vehicle.
- (4) Remove bolt holding second rear seat belt, if equipped, anchor to quarter on short wheel base vehicle.
- (5) Remove quarter trim bolster on short wheel base vehicle.
- (6) Remove screws holding trim panel to attaching bracket on short wheel base vehicle (Fig. 93).
- (7) Disengage hidden clips holding trim to D-pillar (Fig. 93), (Fig. 94), and (Fig. 95).
- (8) Separate D-pillar trim panel from D-pillar.
- (9) Disengage speaker wire connector, if equipped.
- (10) Pass second rear seat belt, if equipped, through slot in trim panel on short wheel base vehicle.
- (11) Separate D-pillar trim from vehicle.

INSTALLATION

- (1) Position D-pillar trim on vehicle.
- (2) Pass second rear seat belt, if equipped, through slot in trim panel on short wheel base vehicle.
- (3) Engage speaker wire connector to speaker, if equipped.
- (4) Align locating pins on backside of trim panel to mating holes in D-pillar.
- (5) Engage hidden clips to hold trim to D-pillar.
- (6) Install screws to hold trim panel to attaching bracket on short wheel base vehicle.
- (7) Install quarter trim bolster on short wheel base vehicle.
- (8) Install bolt to hold second rear seat belt, if equipped, anchor to quarter on short wheel base vehicle.
- (9) Install second rear seat belt turning loop on long wheel base vehicle.
- (10) Install liftgate sill plate.
- (11) Install rear header trim cover.



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Fig. 93 Right Quarter and D-Pillar Trim Panels—SWB

REMOVAL AND INSTALLATION (Continued)

RIGHT QUARTER TRIM PANEL

REMOVAL

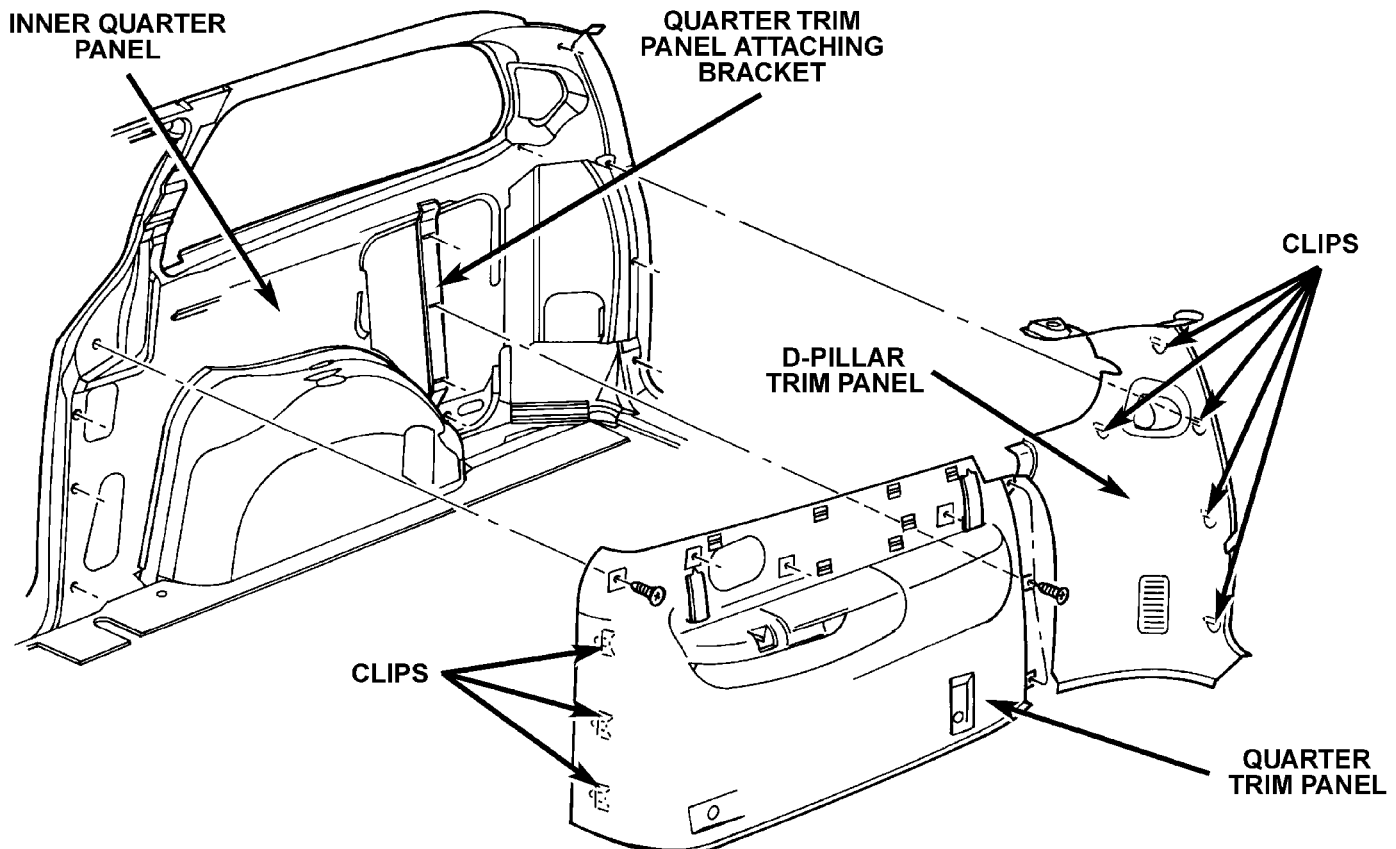
CAUTION: Disconnect the negative cable clamp from battery post. Damage to accessory feed circuit can result.

- (1) Remove first rear seat.
- (2) Remove second rear seat, if equipped.
- (3) Remove sliding door sill trim panel.
- (4) Remove quarter trim bolster.
- (5) Remove C-pillar trim panel.
- (6) Remove D-pillar trim panel.
- (7) Remove first rear seat belt anchor.
- (8) Remove second rear seat belt anchor on long wheel base vehicle.
- (9) Remove screws holding quarter trim to quarter panel from bolster area.
- (10) Remove screws holding rear edge of quarter trim to attaching bracket.
- (11) Disengage hidden clips holding front of quarter trim to quarter panel rearward of sliding door opening.
- (12) Separate quarter trim from quarter panel.
- (13) Disengage wire connector from accessory power outlet, if equipped.

- (14) Pass second rear seat belt through slot in trim panel on long wheel base vehicle.
- (15) Pass first rear seat belt through slot in trim panel.
- (16) Separate quarter trim panel from vehicle.

INSTALLATION

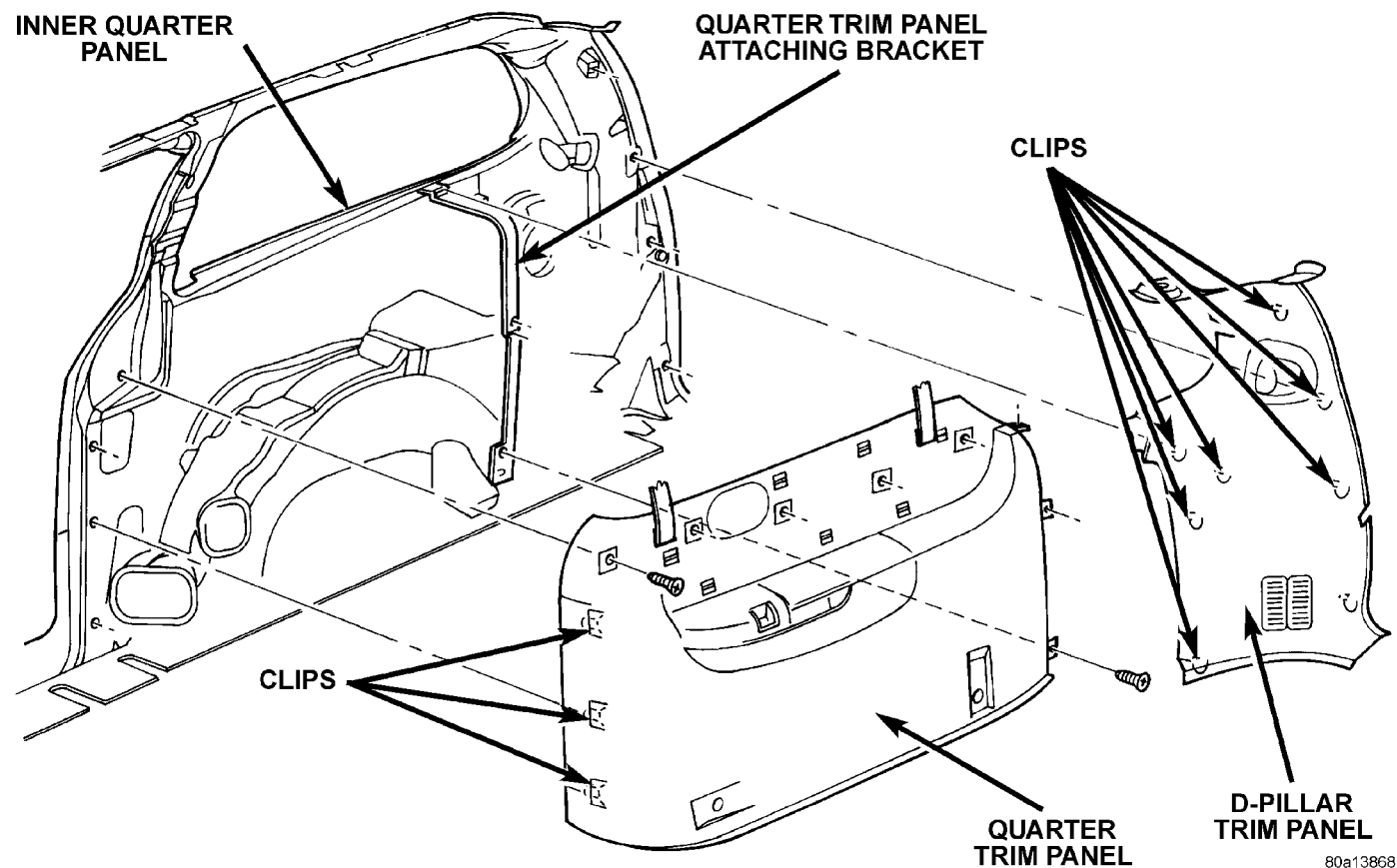
- (1) Position quarter trim panel on vehicle.
- (2) Pass first rear seat belt through slot in trim panel.
- (3) Pass second rear seat belt through access hole in trim panel on long wheel base vehicle.
- (4) Engage wire connector into accessory power outlet, if equipped.
- (5) Align locating pins on backside of trim panel to mating holes in inner quarter panel.
- (6) Engage hidden clips to hold front of quarter trim to quarter panel rearward of sliding door opening.
- (7) Install screws to hold rear edge of quarter trim to attaching bracket.
- (8) Install screws to hold quarter trim to inner quarter panel in bolster area.
- (9) Install second rear seat belt anchor on long wheel base vehicle.
- (10) Install first rear seat belt anchor.
- (11) Install D-pillar trim panel.



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Fig. 94 Right Quarter and D-Pillar Trim Panels—LWB w/o Rear A/C

REMOVAL AND INSTALLATION (Continued)



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Fig. 95 Right Quarter and D-Pillar Trim Panels—LWBwRear A/C

- (12) Install C-pillar trim panel.
- (13) Install quarter trim bolster.
- (14) Install sliding door sill trim panel.
- (15) Install second rear seat, if equipped.
- (16) Install first rear seat.
- (17) Connect the negative cable clamp to battery post.

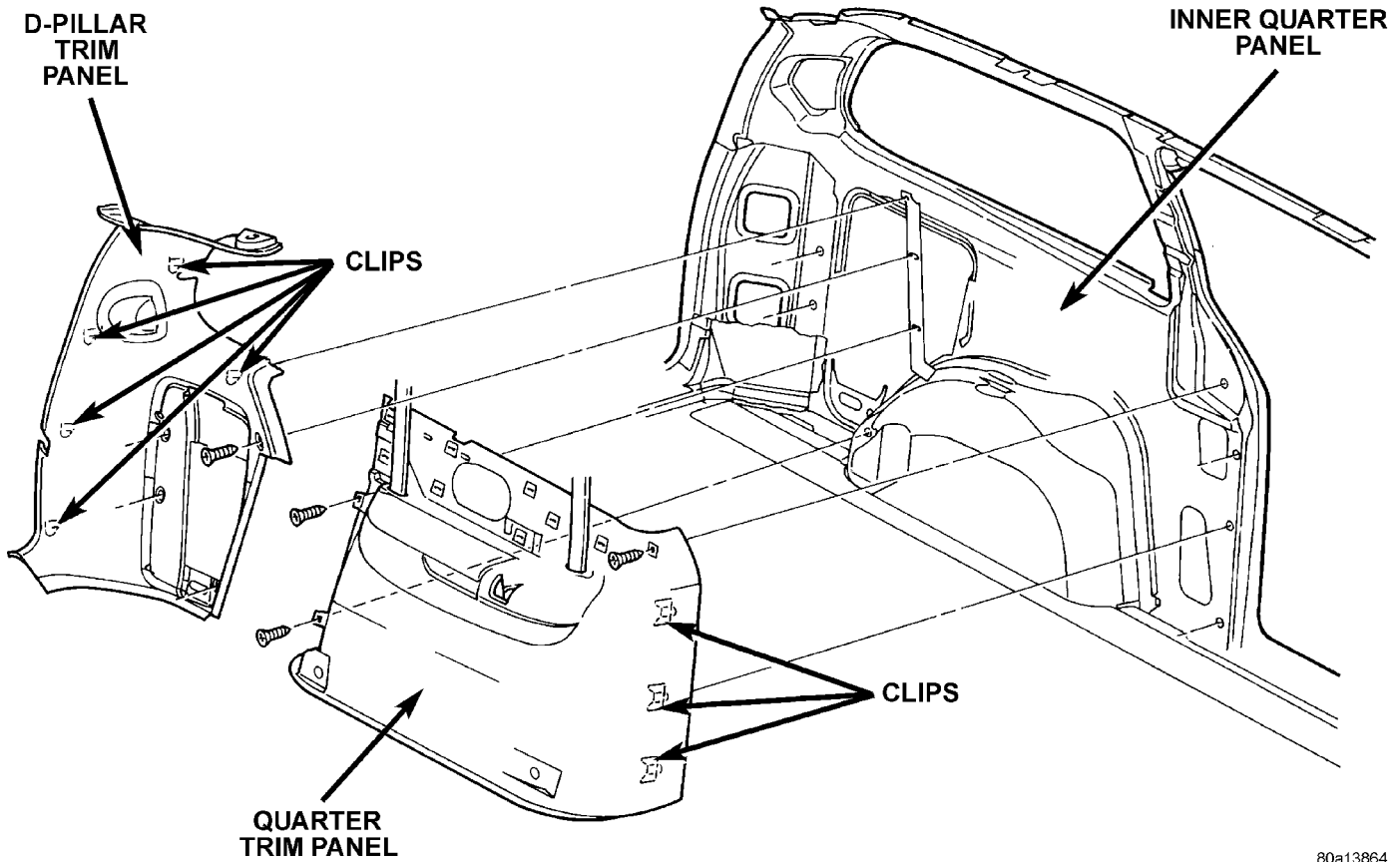
LEFT QUARTER TRIM PANEL**REMOVAL**

CAUTION: Disconnect the negative cable clamp from battery post. Damage to accessory feed circuit can result.

- (1) Remove first rear seat.

- (2) Remove second rear seat, if equipped.
- (3) Remove front door sill plate on three door vehicle.
- (4) Remove sliding door sill plate on four door vehicle.
- (5) Remove left quarter trim bolster.
- (6) Remove upper left B-pillar trim on three door vehicle.
- (7) Remove C-pillar trim panel.
- (8) Remove left D-pillar trim panel.
- (9) Remove first rear seat belt anchor.
- (10) Remove second rear seat belt anchor on long wheel base vehicle.
- (11) Remove left front seat belt opening bezel from quarter trim on three door vehicle.
- (12) Remove screws holding quarter trim to quarter panel in B-pillar area on three door vehicle (Fig. 92) and (Fig. 97).

REMOVAL AND INSTALLATION (Continued)



80a13864

Fig. 96 Left Quarter and D-Pillar Trim Panels—LWB4 Door

(13) Remove screws holding quarter trim to quarter panel from bolster area (Fig. 92), (Fig. 96), and (Fig. 97).

(14) Remove screws holding rear edge of quarter trim to attaching bracket or inner quarter trim panel.

(15) Remove screws holding top of trim panel to inner sheet metal between B-pillar and C-pillar on three door vehicle.

(16) Disengage wire connector from accessory power outlet, if equipped.

(17) Separate quarter trim from quarter panel.

(18) Pass front seat belt and turning loop through slot in quarter trim panel on three door vehicle.

(19) Pass first rear seat belt through slot in quarter trim panel.

(20) Pass second rear seat belt, if equipped, through slot in quarter trim panel on long wheel base vehicle.

(21) Separate quarter trim panel from vehicle.

INSTALLATION

(1) Position quarter trim panel on vehicle.

(2) Pass second rear seat belt, if equipped, through slot in quarter trim panel on long wheel base vehicle.

(3) Pass first rear seat belt through slot in quarter trim panel.

(4) Pass front seat belt through slot in quarter trim panel on three door vehicle.

(5) Engage wire connector into accessory power outlet, if equipped.

(6) Align locating pins on backside of trim panel to mating holes in inner panels.

(7) Position quarter trim panel on inner quarter panel.

(8) Install screws to hold top of trim panel to inner sheet metal between B-pillar and C-pillar on three door vehicle.

(9) Install screws to hold rear edge of quarter trim to attaching bracket or inner quarter panel.

(10) Install screws to hold quarter trim to inner quarter panel in bolster area.

(11) Install screws to hold quarter trim to inner quarter panel in B-pillar area on three door vehicle.

(12) Install left front seat belt opening bezel into quarter trim on three door vehicle.

(13) Install second rear seat belts anchor on long wheel base vehicle.

(14) Install first rear seat belt anchor.

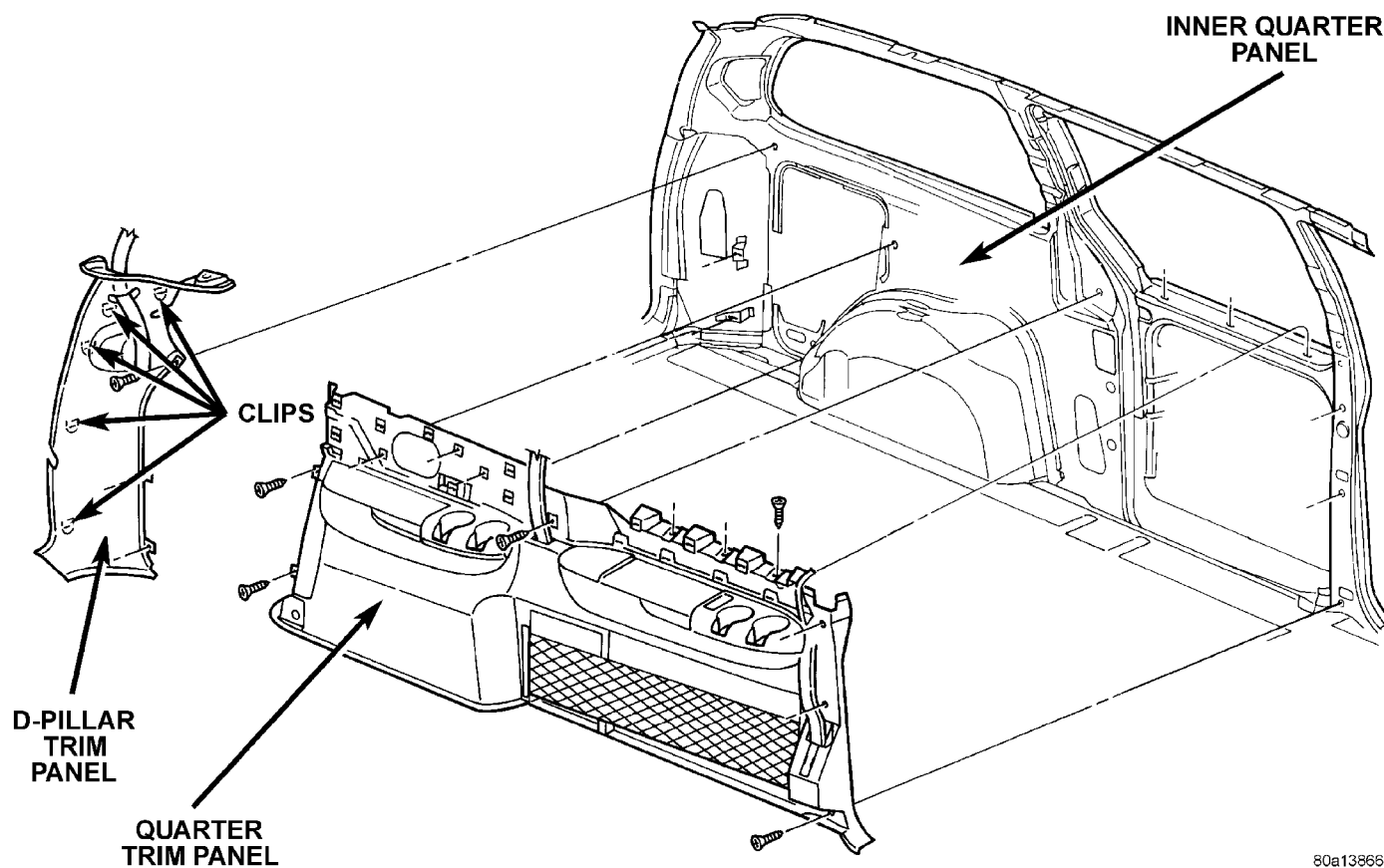
(15) Install left D-pillar trim panel.

(16) Install C-pillar trim panel.

(17) Install upper left B-pillar trim on three door vehicle.

(18) Install left quarter trim bolster.

REMOVAL AND INSTALLATION (Continued)



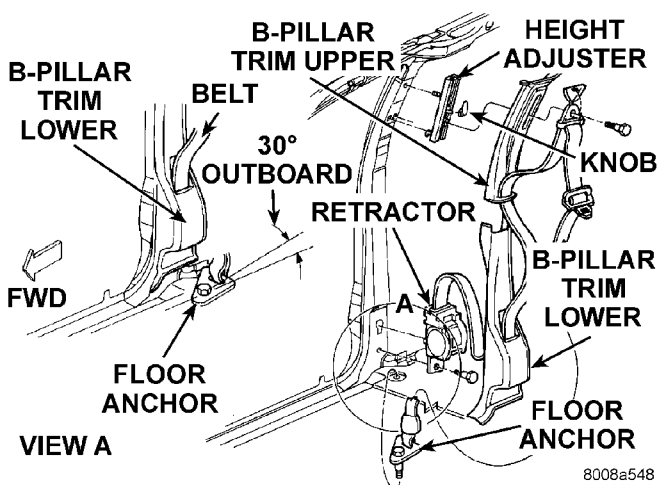
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Fig. 97 Left Quarter and D-Pillar Trim Panels—SWB

- (19) Install front door sill plate on three door vehicle.
- (20) Install sliding door sill plate on four door vehicle.
- (21) Install second rear seat, if equipped.
- (22) Install first rear seat.
- (23) Connect the negative cable clamp to the battery post.

SEAT BELT—OUTBOARD FRONT**REMOVAL**

- (1) Remove shoulder harness height adjuster knob by pulling it straight away from adjuster.
- (2) Remove cover from seat belt turning loop.
- (3) Remove bolt holding turning loop to shoulder belt height adjuster (Fig. 98).
- (4) Separate turning loop from B-pillar.
- (5) Remove lower B-pillar trim cover or quarter trim panel on three door left side.
- (6) Remove bolt holding seat belt retractor to B-pillar (Fig. 98).
- (7) Lift retractor upward and disengage arrow head retainer holding retractor to B-pillar.
- (8) Separate seat belt from vehicle.



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Fig. 98 Seat Belt—Outboard Front**INSTALLATION**

Reverse the preceding operation. Tighten seat belt anchor bolts to 39 N·m (29 ft. lbs.).

SEAT BELT BUCKLE—FRONT INBOARD**REMOVAL**

- (1) Remove screws holding front inboard side cover to seat cushion frame.
- (2) Separate side cover from vehicle.

REMOVAL AND INSTALLATION (Continued)

- (3) Remove bolt holding seat belt buckle to front seat track (Fig. 99).
- (4) Separate buckle from vehicle.

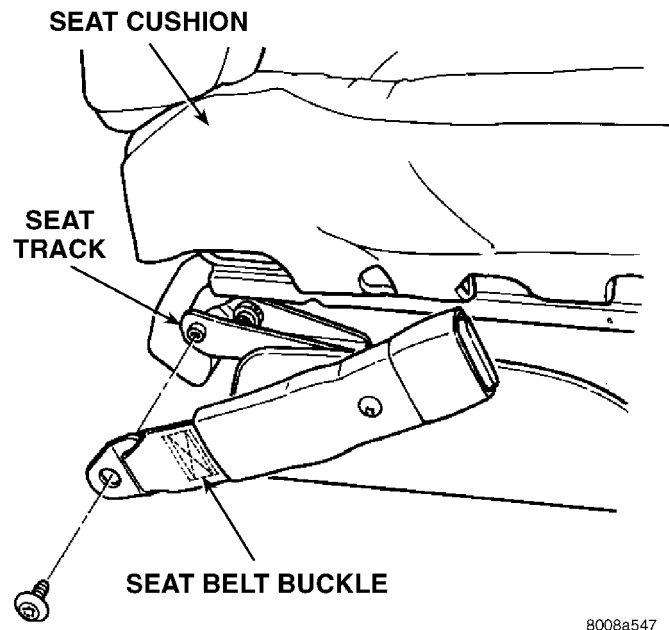


Fig. 99 Seat Belt Buckle—Front Inboard

INSTALLATION

Reverse the preceding operation. Tighten seat belt anchor bolts to 39 N·m (29 ft. lbs.).

SHOULDER BELT HEIGHT ADJUSTER KNOB

REMOVAL

- (1) Disengage clips holding clam shell cover to seat belt turning loop and open cover.
- (2) Using a Snap-on® trim tool, pry knob from shoulder belt height adjuster (Fig. 100).

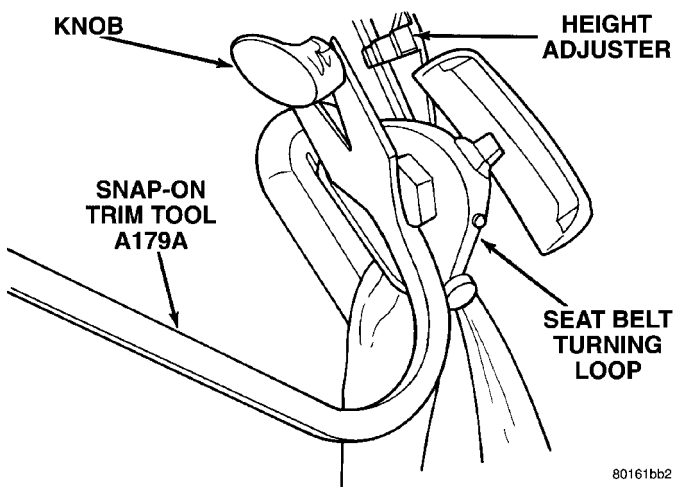


Fig. 100 Shoulder Belt Height Adjuster Knob

INSTALLATION

- (1) Place shoulder belt height adjuster knob in position on height adjuster.
- (2) Push knob on until retainers engage.

SHOULDER BELT HEIGHT ADJUSTER—B OR C-PILLAR

REMOVAL

- (1) Remove B or C-pillar trim cover.
- (2) Remove screws holding shoulder belt height adjuster to pillar.
- (3) Separate height adjuster from vehicle (Fig. 101).

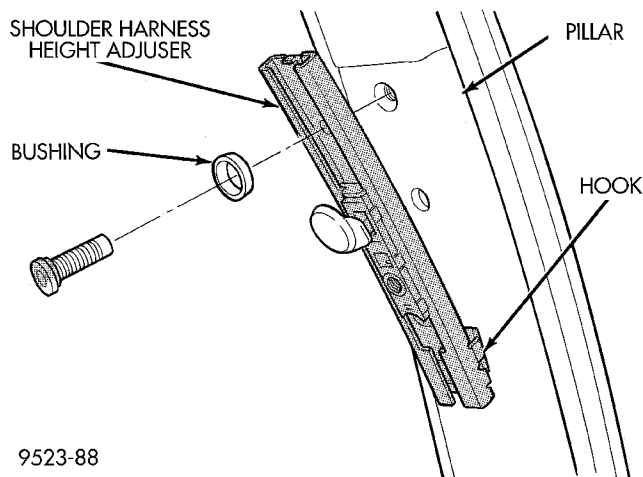


Fig. 101 Shoulder Belt Height Adjuster

INSTALLATION

Reverse the preceding operation. Tighten seat belt anchor bolts to 39 N·m (29 ft. lbs.).

SEAT BELT FIRST REAR OUTBOARD —SWB-4 DOOR

REMOVAL

- (1) Remove first and second rear seats. Refer to Owner's manual for proper procedures.
- (2) Remove shoulder harness height adjuster knob by pulling it straight away from adjuster.
- (3) Slide floor anchor cover from over the anchor bolt.
- (4) Remove floor anchor bolt (Fig. 102).
- (5) Separate anchor from floor.
- (6) Open clam shell cover from over seat belt turning loop.
- (7) Remove bolt holding turning loop to shoulder belt height adjuster (Fig. 102).
- (8) Separate turning loop from C-pillar.
- (9) Remove lower quarter trim panel.
- (10) Route seat belt webbing and turning loop through access hole in lower quarter trim panel.

REMOVAL AND INSTALLATION (Continued)

(11) Remove bolt holding seat belt retractor to quarter panel (Fig. 102).

(12) Lift retractor upward and disengage arrow head retainer holding retractor to quarter panel.

(13) Separate seat belt from vehicle.

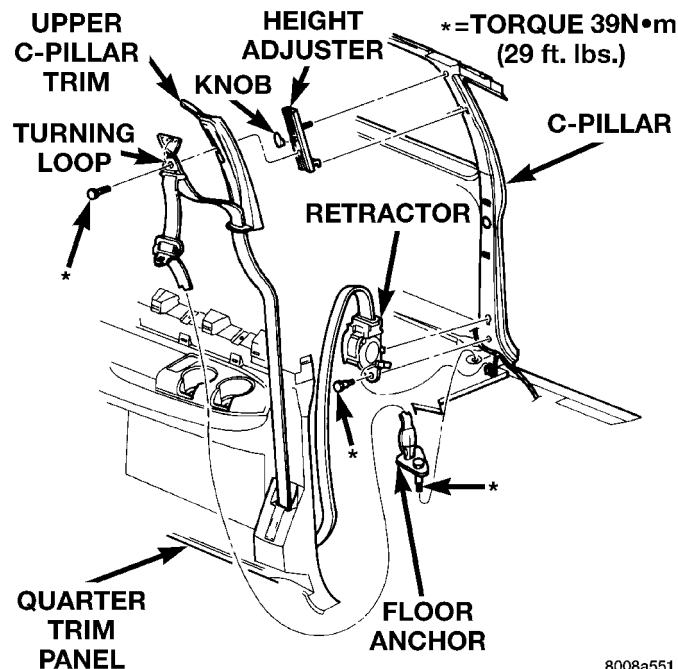


Fig. 102 Seat Belt First Rear Outboard —SWB-4 Door

INSTALLATION

Reverse the preceding operation. Tighten seat belt anchor bolts to 39 N·m (29 ft. lbs.).

SEAT BELT LEFT FIRST REAR OUTBOARD —SWB-3 DOOR

REMOVAL

(1) Remove first and second rear seats. Refer to Owner's manual for proper procedures.

(2) Remove shoulder harness height adjuster knob by pulling it straight away from adjuster.

(3) Slide floor anchor cover from over the anchor bolt.

(4) Remove floor anchor bolt (Fig. 103).

(5) Separate anchor from floor.

(6) Open clam shell cover from over seat belt turning loop.

(7) Remove bolt holding turning loop to shoulder belt height adjuster.

(8) Separate turning loop from C-pillar.

(9) Remove B-pillar upper trim cover.

(10) Remove C-pillar upper trim cover.

(11) Remove lower quarter trim panel.

(12) Route seat belt webbing and turning loop through access hole in lower quarter trim panel.

(13) Remove bolt holding seat belt retractor to quarter panel.

(14) Lift retractor upward and disengage arrow head retainer holding retractor to quarter panel (Fig. 103).

(15) Separate seat belt from vehicle.

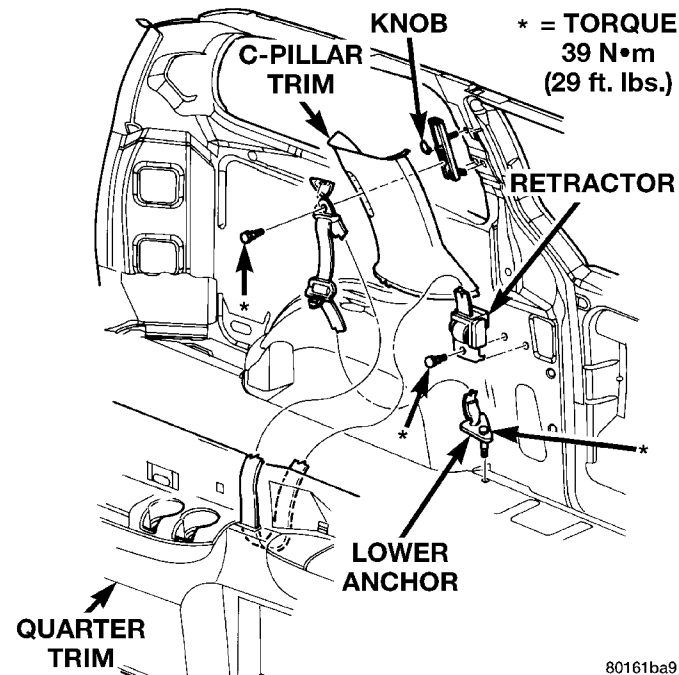


Fig. 103 Seat Belt Left First Rear Outboard —SWB-3 Door

INSTALLATION

Reverse the preceding operation. Tighten seat belt anchor bolts to 39 N·m (29 ft. lbs.).

SEAT BELT FIRST REAR OUTBOARD—LWB-4 DOOR

REMOVAL

(1) Remove first and second rear seats. Refer to Owner's manual for proper procedures.

(2) Remove shoulder harness height adjuster knob by pulling it straight away from adjuster.

(3) Slide floor anchor cover from over the anchor bolt.

(4) Remove floor anchor bolt.

(5) Separate anchor from floor.

(6) Open clam shell cover from over seat belt turning loop.

(7) Remove bolt holding turning loop to shoulder belt height adjuster.

(8) Separate turning loop from C-pillar.

(9) Remove lower quarter trim panel.

(10) Route seat belt webbing and turning loop through access hole in lower quarter trim panel.

(11) Remove bolt holding seat belt retractor to quarter panel.

REMOVAL AND INSTALLATION (Continued)

- (12) Lift retractor upward and disengage arrow head retainer holding retractor to quarter panel.
- (13) Separate seat belt from vehicle.

INSTALLATION

- (1) Position seat belt to vehicle.
- (2) Engage arrow head retainer to quarter panel and push downward to seat retainer.
- (3) Install bolt holding seat belt retractor to quarter panel.
- (4) Route seat belt webbing and turning loop through access hole in lower quarter trim panel.
- (5) Install lower quarter trim panel.
- (6) Position turning loop to C-pillar.
- (7) Install bolt holding turning loop to shoulder belt height adjuster.
- (8) Close clam shell cover from over seat belt turning loop.
- (9) Position anchor to floor.
- (10) Install floor anchor bolt.
- (11) Slide floor anchor cover over the anchor bolt.
- (12) Install shoulder harness height adjuster knob by pushing it straight onto adjuster.
- (13) Install first and second rear seats. Refer to Owner's manual for proper procedures.

NOTE: The torque specification for all seat belt anchor bolts is 39 N·m (29 ft. lbs.).

SEAT BELT LEFT FIRST REAR OUTBOARD—LWB-3 DOOR**REMOVAL**

- (1) Remove first and second rear seats. Refer to Owner's manual for proper procedures.
- (2) Remove shoulder harness height adjuster knob by pulling it straight away from adjuster.
- (3) Slide floor anchor cover from over the anchor bolt.
- (4) Remove floor anchor bolt (Fig. 103).
- (5) Separate anchor from floor.
- (6) Open clam shell cover from over seat belt turning loop.
- (7) Remove bolt holding turning loop to shoulder belt height adjuster (Fig. 103).
- (8) Separate turning loop from C-pillar.
- (9) Remove C-pillar upper trim cover.
- (10) Remove lower quarter trim panel.
- (11) Route seat belt webbing and turning loop through access hole in lower quarter trim panel.
- (12) Remove bolt holding seat belt retractor to quarter panel.
- (13) Lift retractor upward and disengage arrow head retainer holding retractor to quarter panel (Fig. 103).
- (14) Separate seat belt from vehicle.

INSTALLATION

Reverse the preceding operation. Tighten seat belt anchor bolts to 39 N·m (29 ft. lbs.).

SEAT BELT FIRST REAR ANCHOR BRACKET—LWB**REMOVAL**

- (1) Remove lower quarter trim panel.
- (2) Remove bolt holding first rear seat belt anchor bracket to floor.
- (3) Separate bracket from vehicle.

INSTALLATION

- (1) Position bracket to vehicle.
- (2) Install bolt holding first rear seat belt anchor bracket to floor.
- (3) Install lower quarter trim panel.

NOTE: The torque specification for all seat belt anchor bolts is 39 N·m (29 ft. lbs.).

SEAT BELT BUCKLE FIRST REAR QUAD BUCKET**REMOVAL**

- (1) Remove seat from vehicle. Refer to Owner's Manual for proper procedures.
- (2) Remove screws holding inboard side cover to seat cushion.
- (3) Separate side cover from seat.
- (4) Remove bolts holding recliner bracket to seat cushion.
- (5) Separate recliner bracket from seat.
- (6) Remove bolt holding seat belt buckle to seat track (Fig. 99).
- (7) Separate buckle from vehicle.

INSTALLATION

Reverse the preceding operation. Tighten seat belt anchor bolt to 39 N·m (29 ft. lbs.).

SEAT BELT BUCKLE FIRST REAR—2 PASSENGER BENCH**REMOVAL**

- (1) Remove seat from vehicle. Refer to Owner's Manual for proper procedures.
- (2) Remove bolt holding inboard seat belt/buckle to seat frame (Fig. 104).
- (3) Separate belt from seat.

INSTALLATION

Reverse the preceding operation. Tighten seat belt anchor bolt to 39 N·m (29 ft. lbs.).

REMOVAL AND INSTALLATION (Continued)

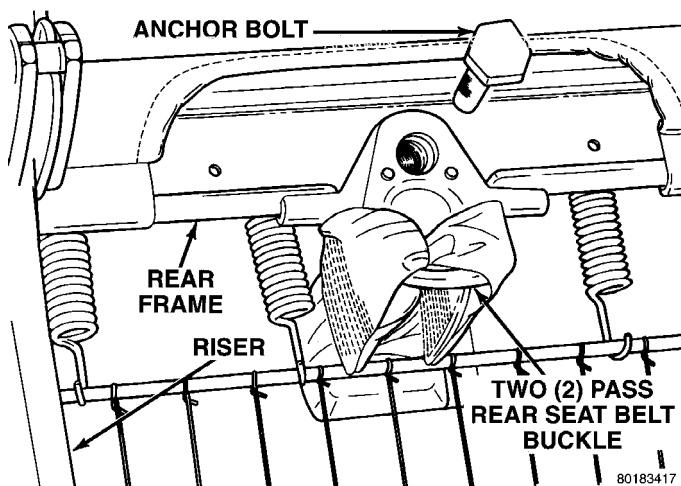


Fig. 104 Seat Belt Buckle First Rear—2 Passenger Bench

SEAT BELT BUCKLE SECOND REAR—3 PASSENGER BENCH

REMOVAL

- (1) Remove bolt holding seat belt buckle to seat rear frame rail (Fig. 105).
- (2) Separate seat belt buckle from seat.

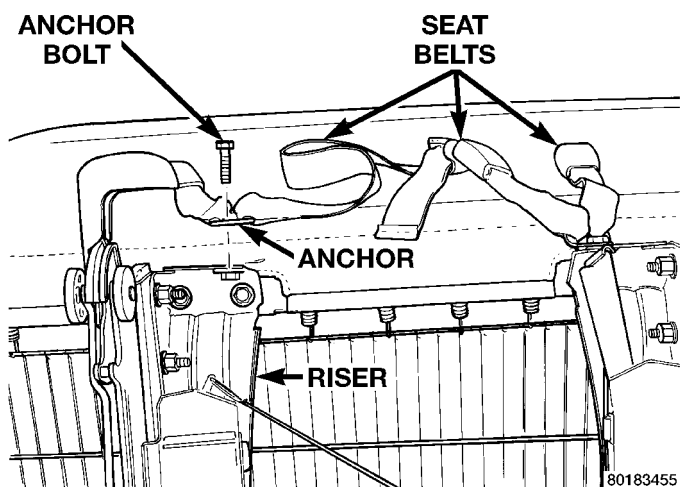


Fig. 105 Seat Belt Buckle Second Rear—3 Passenger Bench

INSTALLATION

- (1) Place seat belt buckle in position on seat.
- (2) Install bolt to hold seat belt buckle to seat rear frame rail. Tighten bolt to 39 N·m (29 ft. lbs.) torque.

SECOND RIGHT REAR OUTBOARD SEAT BELT—LWB

REMOVAL

- (1) Remove second rear seat from vehicle. Refer to Owner's Manual for proper procedures.

- (2) Slide lower anchor cover from over the anchor shoulder-nut.
- (3) Remove lower anchor shoulder-nut (Fig. 106).
- (4) Separate lower anchor from wheelhouse.
- (5) Fold upper turning loop extension cover downward to gain access to anchor bolt.
- (6) Remove bolt holding turning loop to extension bracket above quarter glass (Fig. 106).
- (7) Separate turning loop from extension bracket.
- (8) Remove D-pillar trim panel.
- (9) Remove quarter trim bolster.
- (10) Route seat belt webbing and turning loop through access hole in quarter trim.
- (11) Remove bolt holding retractor to inner quarter panel (Fig. 106).
- (12) Remove screw holding retractor to inner quarter panel.
- (13) Separate second rear seat belt retractor from vehicle.

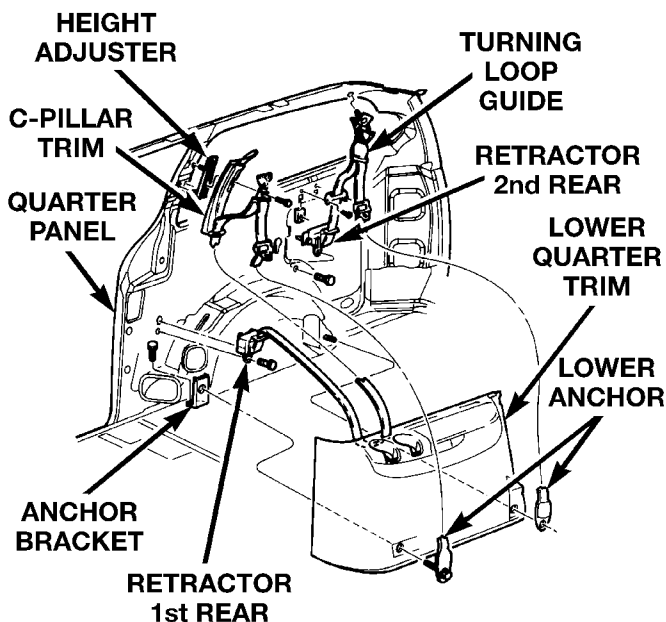


Fig. 106 Second Right Rear Outboard Seat Belt—LWB

INSTALLATION

NOTE: Torque for all seat belt bolts is 39 N·m (29 ft. lbs.).

- (1) Position second rear seat belt retractor in vehicle.
- (2) Install screw holding retractor to inner quarter panel.
- (3) Install bolt to hold retractor to inner quarter panel.
- (4) Route seat belt webbing and turning loop through access hole in quarter trim.

REMOVAL AND INSTALLATION (Continued)

- (5) Install quarter trim bolster.
- (6) Install D-pillar trim panel.
- (7) Position turning loop to extension bracket.
- (8) Install bolt to hold turning loop to extension bracket above quarter glass.
- (9) Install upper turning loop extension cover.
- (10) Position lower anchor to wheelhouse.
- (11) Install lower anchor shoulder-nut.
- (12) Install lower anchor cover over the anchor shoulder-nut.
- (13) Install second rear seat to vehicle. Refer to Owner's Manual for proper procedures.

SECOND RIGHT REAR OUTBOARD SEAT BELT—LWB W/REAR HEVAC

REMOVAL

- (1) Remove second rear seat from vehicle. Refer to Owner's Manual for proper procedures.
- (2) Slide lower anchor cover from over the anchor shoulder-nut.
- (3) Remove lower anchor shoulder-nut.
- (4) Separate lower anchor from wheelhouse.
- (5) Fold upper turning loop extension cover downward to gain access to anchor bolt.
- (6) Remove bolt holding turning loop to extension bracket above quarter glass.
- (7) Separate turning loop from extension bracket.
- (8) Remove D-pillar trim panel.
- (9) Remove quarter trim bolster.
- (10) Remove quarter trim panel as necessary to gain access to HEVAC unit.
- (11) Route seat belt webbing and turning loop through access hole in quarter trim.
- (12) Loosen HEVAC unit enough to gain access to seat belt retractor fasteners.
 - (a) Remove bracket around HEVAC unit (Fig. 107).
 - (b) Remove air duct (Fig. 108).
 - (c) Remove fasteners holding HEVAC unit to inner quarter panel (Fig. 109).
 - (d) Remove screws holding upper evaporator housing to lower evaporator housing.
 - (e) Remove coolant line retaining bracket hold-down bolt.
- (13) Remove bolts holding seat belt guide loop to inner quarter panel.
- (14) Pull outward on HEVAC unit and remove bolt holding retractor to inner quarter panel.
- (15) Remove screw holding retractor to inner quarter panel.
- (16) Separate second rear seat belt retractor from vehicle.

INSTALLATION

- (1) Position second rear seat belt retractor to vehicle.

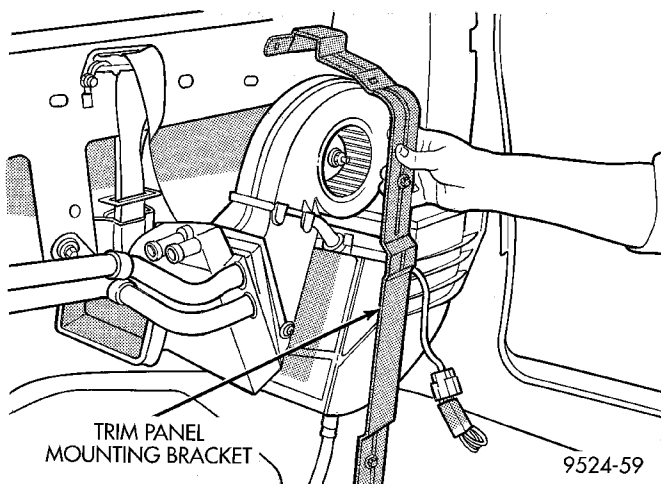


Fig. 107 Trim Panel Mounting Bracket

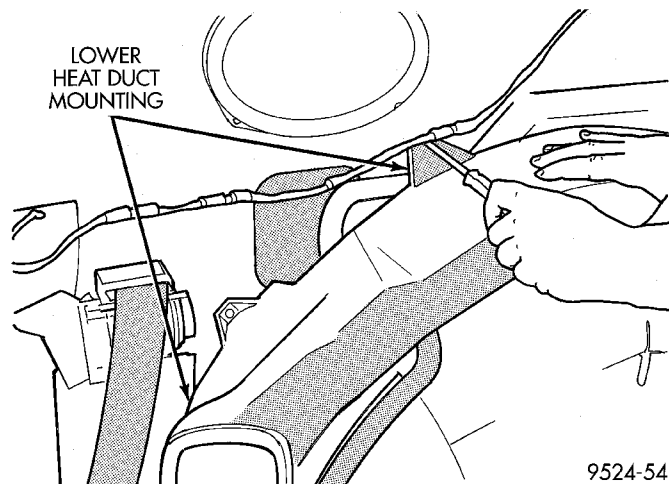


Fig. 108 Lower Heater Duct

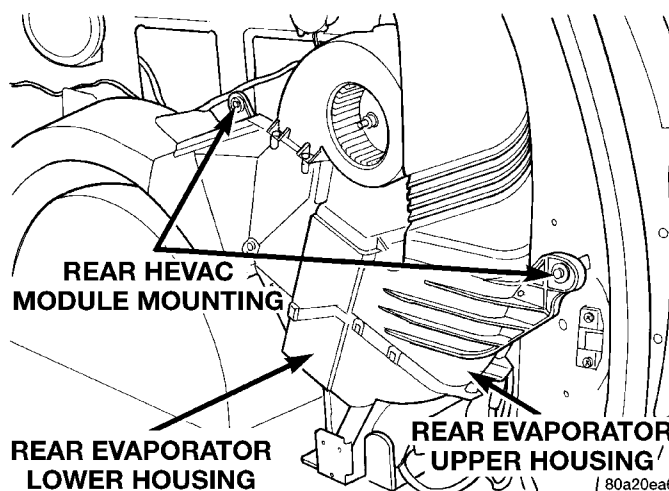


Fig. 109 Rear HEVAC Mounting

- (2) Install screw holding retractor to inner quarter panel.
- (3) Pull outward on HEVAC unit and install bolt holding retractor to inner quarter panel.

REMOVAL AND INSTALLATION (Continued)

- (4) Install bolts holding seat belt guide loop to inner quarter panel.
- (5) Install coolant line retaining bracket holdown bolt.
- (6) Install screws holding upper evaporator housing to lower evaporator housing.
- (7) Install fasteners holding HEVAC unit to inner quarter panel.
- (8) Install air duct.
- (9) Install bracket around HEVAC unit.
- (10) Route seat belt webbing and turning loop through access hole in quarter trim.
- (11) Install quarter trim panel as necessary to gain access to HEVAC unit.
- (12) Install quarter trim bolster.
- (13) Install D-pillar trim panel.
- (14) Position turning loop to extension bracket.
- (15) Install bolt holding turning loop to extension bracket above quarter glass.
- (16) Pull upper turning loop extension cover upward over anchor bolt.
- (17) Install lower anchor shoulder-nut.
- (18) Slide lower anchor cover over anchor shoulder-nut.
- (19) Install second rear seat from vehicle. Refer to Owner's Manual for proper procedures.

SEAT BELT SECOND REAR OUTBOARD—SWB

REMOVAL

- (1) Remove second rear seat from vehicle. Refer to Owner's Manual for proper procedures.
- (2) Slide lower anchor cover from over the anchor shoulder-nut.
- (3) Remove lower anchor shoulder-nut.
- (4) Separate lower anchor from wheelhouse (Fig. 110).
- (5) Remove D-pillar trim panel.
- (6) Route seat belt webbing and turning loop through access hole in quarter trim.
- (7) Remove bolts holding seat belt guide loop to inner quarter panel.
- (8) Remove anchor bolt holding retractor to inner quarter panel.
- (9) Separate second rear seat belt retractor from vehicle (Fig. 110).

INSTALLATION

Reverse the preceding operation. Tighten seat belt anchor bolt to 39 N·m (29 ft. lbs.).

FRONT SEAT

REMOVAL

- (1) From under vehicle, remove nuts holding front seat risers to the floor.
- (2) Separate seat and riser from floor (Fig. 111).

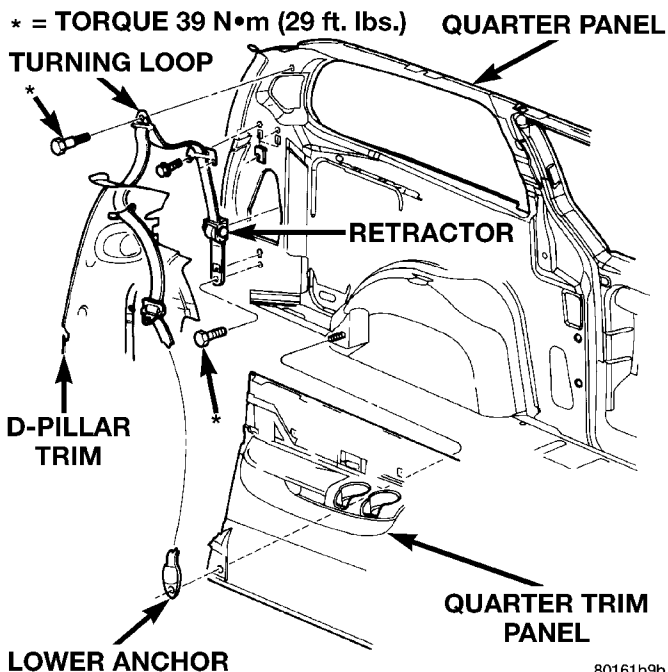


Fig. 110 Seat Belt Second Rear Outboard—SWB

- (3) Tip seat rearward and disengage wire connectors from body harness, if equipped.
- (4) Separate seat from vehicle.

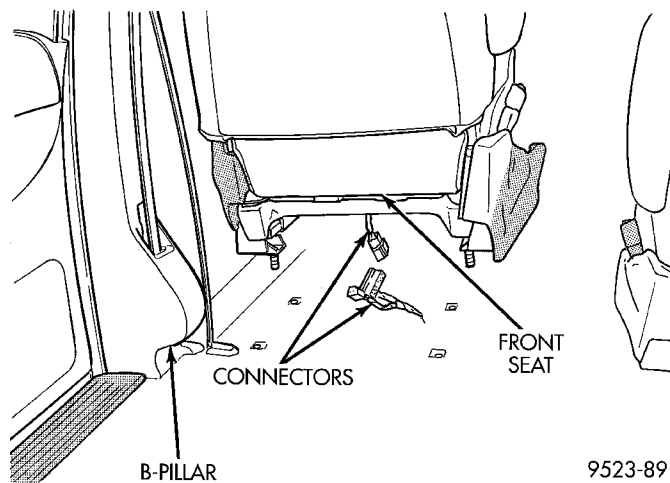


Fig. 111 Front Seat

INSTALLATION

Reverse the preceding operation.

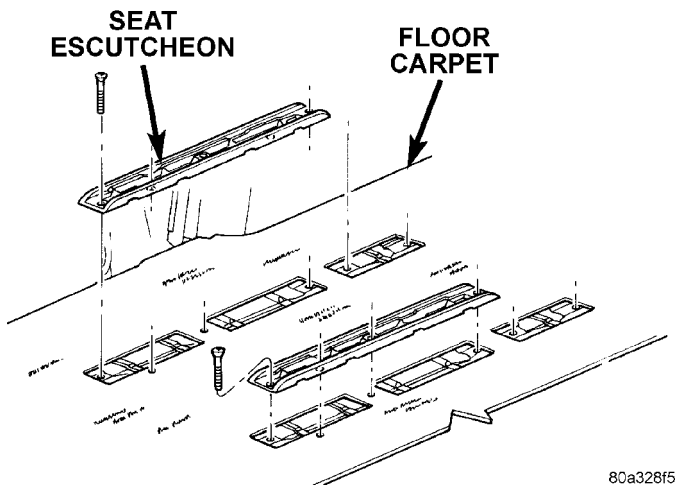
FLOOR CARPET

REMOVAL

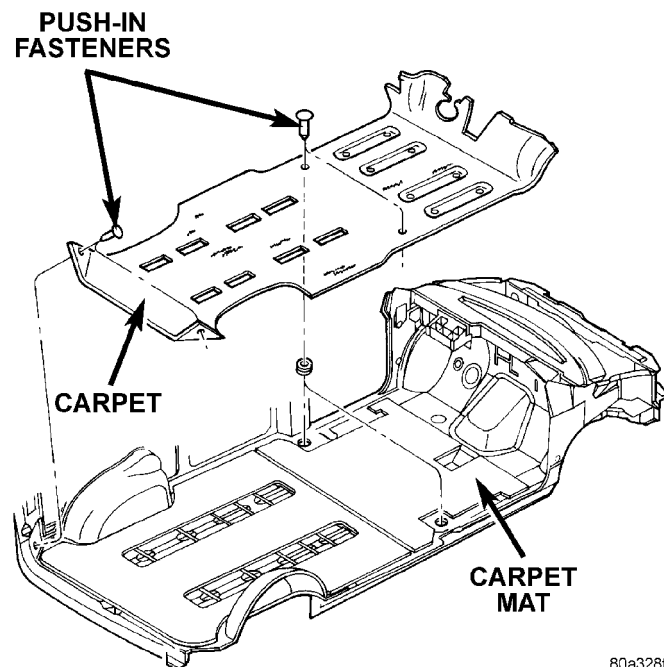
- (1) Remove front seats.
- (2) Remove front center console.
- (3) Remove first rear seat.
- (4) Remove second rear seat.
- (5) Remove front cowl panels and sill plates.
- (6) Remove sliding door sill plates.

REMOVAL AND INSTALLATION (Continued)

- (7) Remove rear door sill plate.
- (8) Remove lower B-pillar trim covers.
- (9) Remove D-pillar trim covers.
- (10) Remove Quarter trim panels.
- (11) Remove floor escutcheons (Fig. 112).
- (12) Remove push-in fasteners holding carpet to floor in front seat area.
- (13) Roll carpet from under instrument panel to center of sliding door.
- (14) Roll carpet forward away from rear door opening.
- (15) Extract carpet through sliding door opening (Fig. 113).



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Fig. 112 Seat Escutcheons

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Fig. 113 Floor Carpet

INSTALLATION

- (1) Insert carpet through sliding door opening.
- (2) Roll carpet rearward toward rear door opening.
- (3) Roll carpet under instrument panel.
- (4) Install push-in fasteners to hold carpet to floor in front seat area.

CAUTION: Ensure that the correct fasteners are installed in the proper locations. Damage to the fuel tank may result.

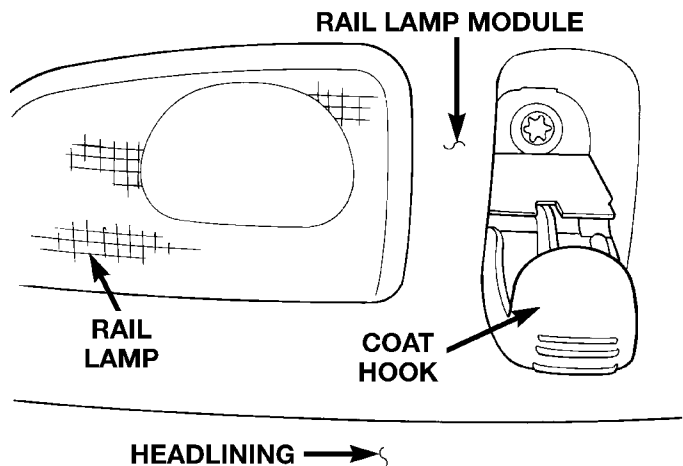
- (5) Install floor escutcheons.
- (6) Install Quarter trim panels.
- (7) Install D-pillar trim covers.
- (8) Install lower B-pillar trim covers.
- (9) Install rear door sill plate.
- (10) Install sliding door sill plates.
- (11) Install front cowl panels and sill plates.
- (12) Install second rear seat.
- (13) Install first rear seat.
- (14) Install front center console.
- (15) Install front seats.

RAIL LAMP MODULE

WITHOUT REAR HEVAC

REMOVAL

- (1) Pull coat hook open.
- (2) Remove screw holding rail lamp module to roof rail.
- (3) Separate rail lamp module from headlining (Fig. 114).
- (4) Disengage wire connector from body wiring harness.
- (5) Separate rail lamp module from vehicle.



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Fig. 114 Rail Lamp Module—w/oRear HEVAC

INSTALLATION

- (1) Position rail lamp module in vehicle.
- (2) Engage wire connector to body wiring harness.

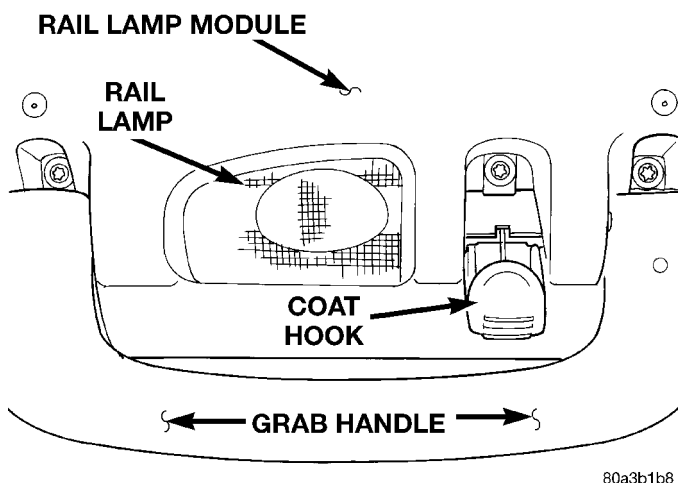
REMOVAL AND INSTALLATION (Continued)

- (3) Position rail lamp module to headlining.
- (4) Install screw holding module to roof rail inside coat hook.

WITH REAR HEVAC

REMOVAL

- (1) Pull coat hook open.
- (2) Remove screw holding rail lamp module to roof rail inside coat hook (Fig. 115).
- (3) Remove screws holding rail lamp module to roof rail from behind grab handle.
- (4) Separate rail lamp module from headlining.
- (5) Disengage wire connector from body wiring harness.
- (6) Separate rail lamp module from vehicle.

**Fig. 115 Rail Lamp Module—w/Rear HEVAC**

INSTALLATION

- (1) Position rail lamp module to vehicle.
- (2) Engage wire connector to body wiring harness.
- (3) Position rail lamp module to headlining.
- (4) Install screws to hold rail lamp module to roof rail behind grab handle.
- (5) Install screw to hold rail lamp module to roof rail inside coat hook.

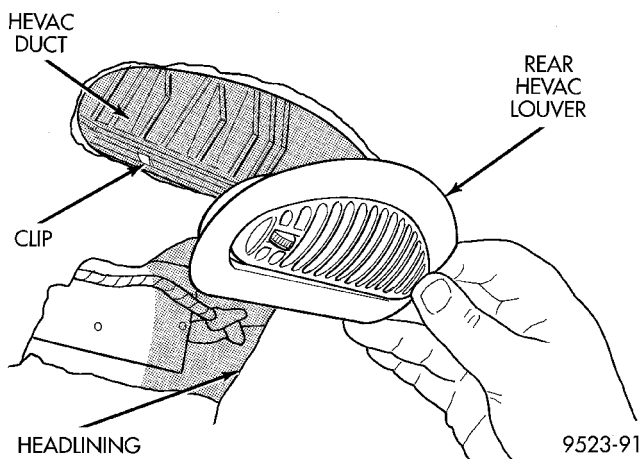
REAR HEVAC LOUVER AND BEZEL

REMOVAL

- (1) Using a trim stick (C-4755), pry edge of louver from bezel.
- (2) Separate HEVAC louver from bezel.
- (3) Using a trim stick (C-4755), pry lower edge of HEVAC bezel away from headlining (Fig. 116).
- (4) Separate louver from vehicle.

INSTALLATION

- (1) Place bezel in position in HEVAC duct opening.

**Fig. 116 Rear HEVAC Louver**

- (2) Push inward on bezel until clips snap in place. Verify that all four clips have been engaged to the bezel and that the bezel is flush to the headlining
- (3) Position HEVAC louver to bezel.
- (4) Snap both ends of the louver into HEVAC bezel.

SUN VISOR

REMOVAL

- (1) Disengage sun visor from center support.
- (2) Remove screws holding sun visor to roof header (Fig. 117).
- (3) Separate sun visor from roof.
- (4) If equipped, disengage illuminated vanity mirror wire connector from body harness.
- (5) Separate sun visor from vehicle.

INSTALLATION

- (1) Place sun visor in position on vehicle.
- (2) Engage illuminated vanity mirror wire connector into body harness.
- (3) Place sun visor in position on roof.
- (4) Install screws to hold sun visor to roof header (Fig. 117).
- (5) Engage sun visor into center support.

SUN VISOR SUPPORT

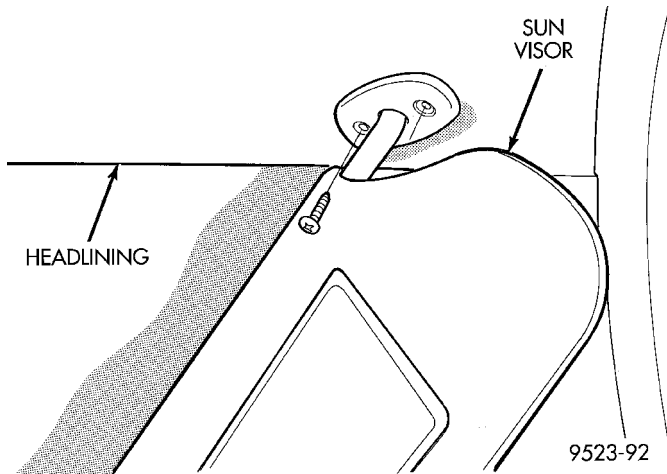
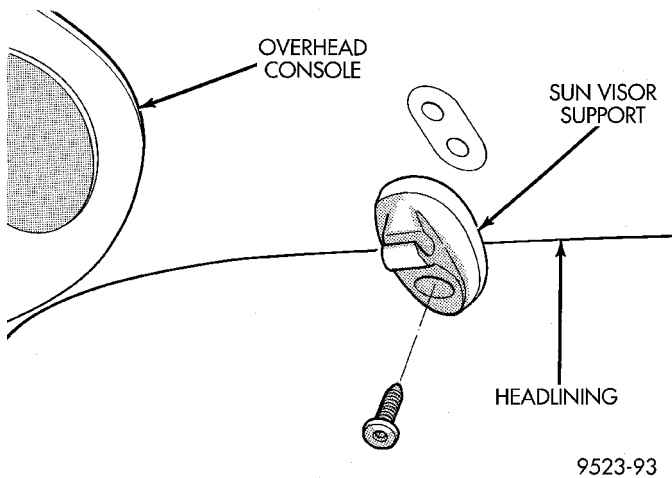
REMOVAL

- (1) Disengage sun visor from support.
- (2) Remove screw holding support to roof header (Fig. 118).
- (3) Separate sun visor support from vehicle.

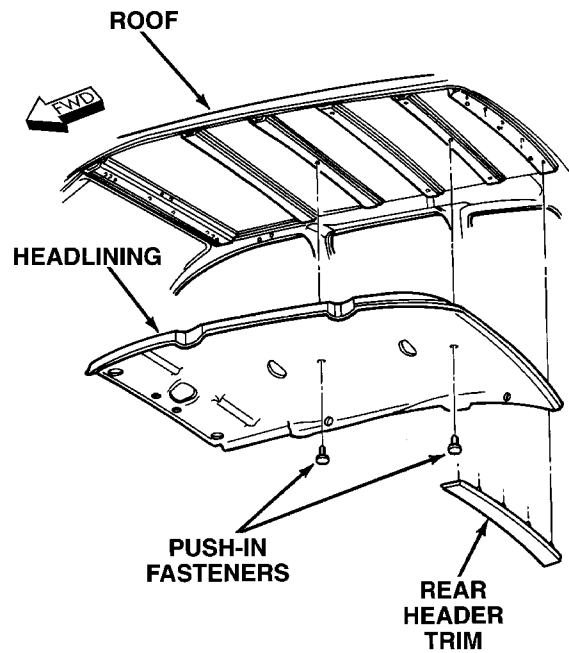
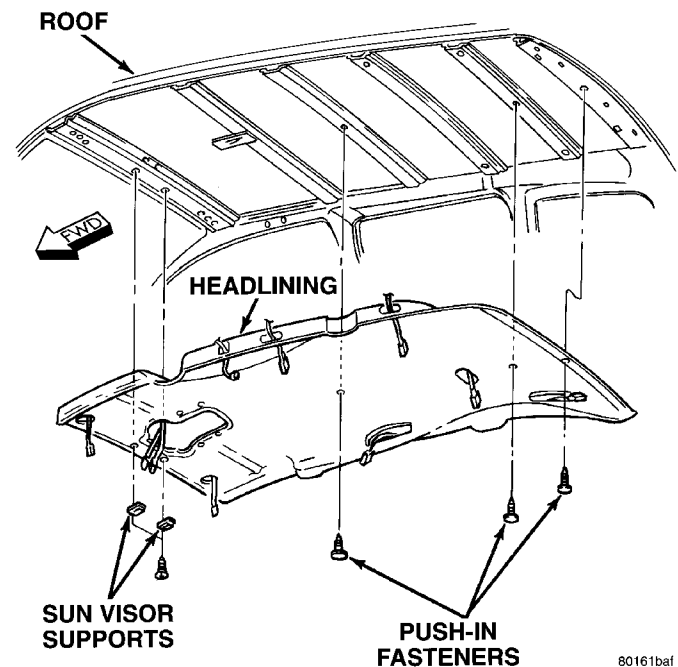
INSTALLATION

- (1) Place sun visor support in position on vehicle.
- (2) Install screw holding support to roof header (Fig. 118).
- (3) Engage sun visor into support.

REMOVAL AND INSTALLATION (Continued)

**Fig. 117 Sun Visor****Fig. 118 Sun Visor Support****HEADLINING****REMOVAL**

- (1) Remove sun visors and vanity mirrors.
- (2) Remove sun visor center supports.
- (3) If equipped, remove coat hooks.
- (4) If equipped, remove roof rail modules.
- (5) Remove A-pillar trim covers.
- (6) Remove B-pillar upper trim covers.
- (7) Remove C-pillar upper trim covers.
- (8) Remove D-pillar upper trim covers.
- (9) Remove rear door opening header trim.
- (10) If equipped, remove overhead console.
- (11) If equipped, remove reading lamp.
- (12) Remove dome lamp.
- (13) Remove push-in locking fasteners holding headlining to rear roof header (Fig. 119) or (Fig. 120).
- (14) Separate headlining from roof.
- (15) Extract headlining through rear door opening

**Fig. 119 Headlining—SWB****Fig. 120 Headlining—LWB****INSTALLATION**

- (1) Insert headlining through rear door opening.
- (2) Place headlining in position on roof.
- (3) Install left sun visor support.
- (4) Install push-in locking fasteners to hold headlining to rear roof header (Fig. 119) or (Fig. 120).
- (5) Install right sun visor support.
- (6) Install sun visors and vanity mirrors.
- (7) If equipped, install roof rail modules.

REMOVAL AND INSTALLATION (Continued)

- (8) If equipped, install coat hooks.
- (9) Install dome lamp.
- (10) If equipped, install reading lamp.
- (11) If equipped, install overhead console.
- (12) Install rear door opening header trim.
- (13) Install D-pillar upper trim covers.
- (14) Install C-pillar upper trim covers.
- (15) Install B-pillar upper trim covers.
- (16) Install A-pillar trim covers.

LIFTGATE PROP ASSEMBLY

REMOVAL

- (1) Release liftgate latch and open liftgate.
- (2) Support liftgate on a suitable lifting device.
- (3) Pull liftgate opening weatherstrip from D-pillar flange next to prop assembly end pivot.
- (4) Remove bolt holding end pivot to D-pillar (Fig. 121).
- (5) Remove bolt holding prop assembly to liftgate.
- (6) Separate prop assembly from vehicle.

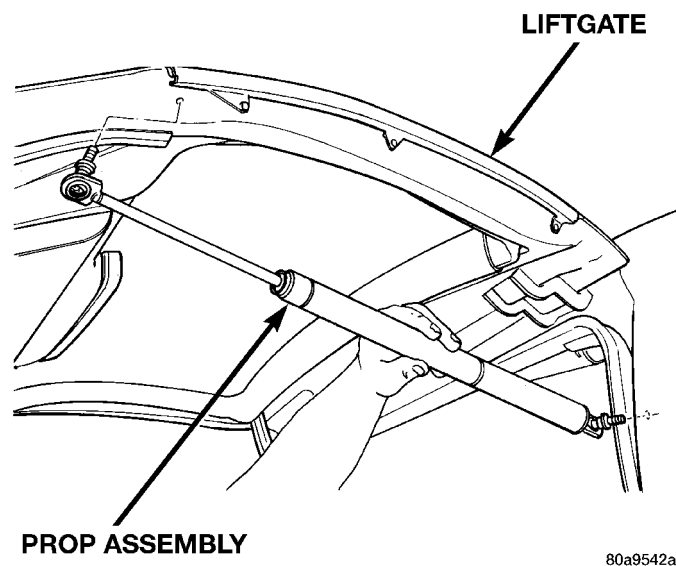


Fig. 121 Liftgate Prop Assembly

INSTALLATION

Reverse the preceding operation.

LIFTGATE

REMOVAL

- (1) Release liftgate latch and open liftgate.
- (2) Remove screws holding liftgate wire connector to rear header.
- (3) Disengage liftgate wire harness from body wire harness.
- (4) Remove liftgate upper frame molding.
- (5) Disengage rear window washer hose from spray nozzle.
- (6) Support liftgate on a suitable lifting device.

(7) Remove screws holding support cylinders to liftgate.

(8) Mark outline of hinge on roof header to aid installation.

(9) Remove bolts holding liftgate hinge to roof header (Fig. 122).

(10) With assistance, separate liftgate from vehicle.

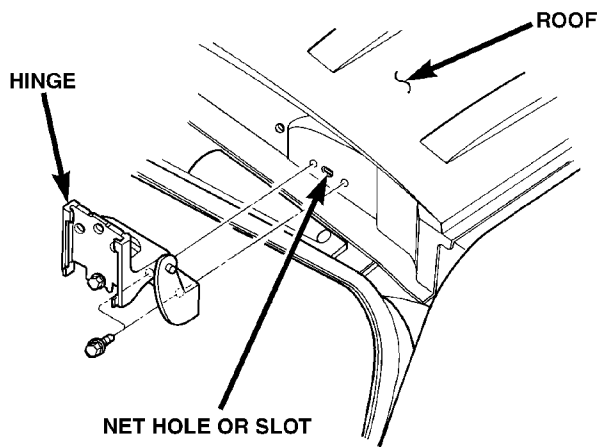


Fig. 122 Liftgate

INSTALLATION

(1) With assistance, place liftgate in position on vehicle.

(2) Install bolts to hold liftgate hinge to roof header.

(3) Align hinge to outline marks on roof header to aid alignment.

(4) Install screws to hold support cylinders to liftgate.

(5) Remove lifting device from under liftgate.

(6) Engage liftgate wire harness into body wire harness.

(7) Install screws to holding wire connector to rear header.

(8) Engage rear window washer hose onto spray nozzle.

(9) Install liftgate upper frame molding.

(10) Verify liftgate alignment. Liftgate should have 7 mm (0.250 in.) gap to adjacent panels and fit flush across the gaps.

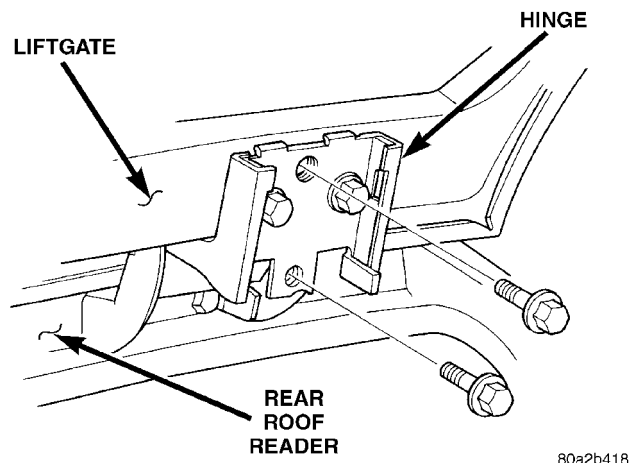
LIFTGATE HINGE

REMOVAL

- (1) Release liftgate latch and open liftgate.
- (2) Support liftgate on a suitable lifting device.
- (3) Mark outline of hinge on roof header and liftgate to aid installation.
- (4) Apply several layers of duct tape on the outside of to roof across the gap to the lift gate to hold the liftgate in position.

REMOVAL AND INSTALLATION (Continued)

- (5) Remove bolts holding liftgate hinge to roof header.
- (6) Remove bolts holding hinge to liftgate (Fig. 123).
- (7) Separate hinge from vehicle.

**Fig. 123 Liftgate Hinge****INSTALLATION**

- (1) If necessary, paint replacement hinge before installation.
- (2) Place hinge in position on vehicle.
- (3) Align hinge to marks on liftgate.
- (4) Install bolts to hold hinge to liftgate (Fig. 123).
- (5) Align hinge to marks on roof header.
- (6) Install bolts to hold liftgate hinge to roof header.
- (7) Remove duct tape from roof and liftgate.
- (8) Support liftgate on a suitable lifting device.
- (9) Verify liftgate alignment. Liftgate should have 7 mm (0.250 in.) gap to adjacent panels and fit flush across the gaps.

LIFTGATE UPPER FRAME MOLDING**REMOVAL**

- (1) Release liftgate latch and open liftgate.
- (2) Disengage hidden clips holding molding to liftgate upper frame (Fig. 124).
- (3) Separate liftgate upper molding from vehicle.

INSTALLATION

- (1) Place liftgate upper molding in position on vehicle.
- (2) Engage hidden clips to hold molding to liftgate upper frame (Fig. 124).

LIFTGATE UPPER FRAME SIDE MOLDINGS**REMOVAL**

- (1) Remove liftgate upper frame molding.

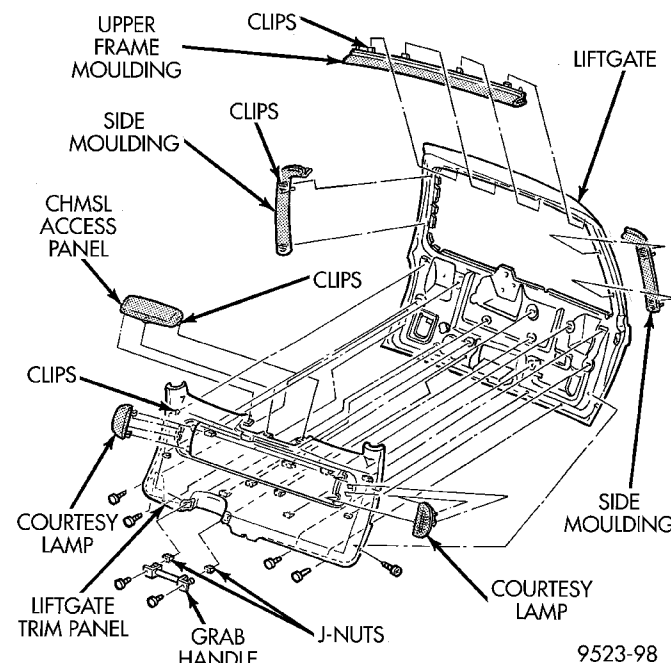
- (2) Disengage hidden clips holding side moldings to liftgate upper frame (Fig. 124).
- (3) Separate liftgate upper frame side molding from vehicle.

INSTALLATION

- (1) Place liftgate upper frame side moldings in position on vehicle.
- (2) Engage hidden clips to hold side moldings to liftgate upper frame (Fig. 124).
- (3) Install liftgate upper frame molding.

LIFTGATE TRIM PANEL**REMOVAL**

- (1) Remove liftgate upper frame molding.
- (2) Remove upper frame side moldings.
- (3) Remove screws holding assist handle to liftgate and fasteners around the perimeter of the lower trim panel.
- (4) If equipped, using a trim stick (C-4755), pry courtesy lamps from liftgate trim.
- (5) Disengage wire connector from lamp.
- (6) Remove CHMSL cover and fasteners holding the trim panel.
- (7) Disengage hidden clips holding trim panel to liftgate from around perimeter of liftgate (Fig. 124).
- (8) Separate liftgate trim panel from vehicle.

**Fig. 124 Liftgate Trim****INSTALLATION**

- (1) Place liftgate trim panel in position on vehicle.
- (2) Engage hidden clips to hold trim panel to liftgate and fasteners around perimeter of liftgate (Fig. 124).

REMOVAL AND INSTALLATION (Continued)

(3) Install fasteners into trim brackets and install CHMSL cover.

(4) Engage wire connector into lamp.

(5) Install courtesy lamps into liftgate trim.

(6) Install screws to hold assist handle to liftgate.

(7) Install upper frame side moldings.

(8) Install liftgate upper frame molding.

LIFTGATE CHMSL ACCESS PANEL

REMOVAL

(1) Using a trim stick (C-4755), disengage clips holding CHMSL access panel to liftgate trim panel.

(2) Separate access panel from vehicle.

INSTALLATION

(1) Place access panel in position on vehicle.

(2) Engage clips to hold CHMSL access panel to liftgate trim panel.

LIFTGATE LATCH

REMOVAL

(1) Remove liftgate trim panel.

(2) Disengage outside handle link from clip on latch.

(3) Disengage wire connector from liftgate ajar switch (Fig. 125).

(4) Remove screws holding latch to liftgate.

(5) Separate latch from vehicle.

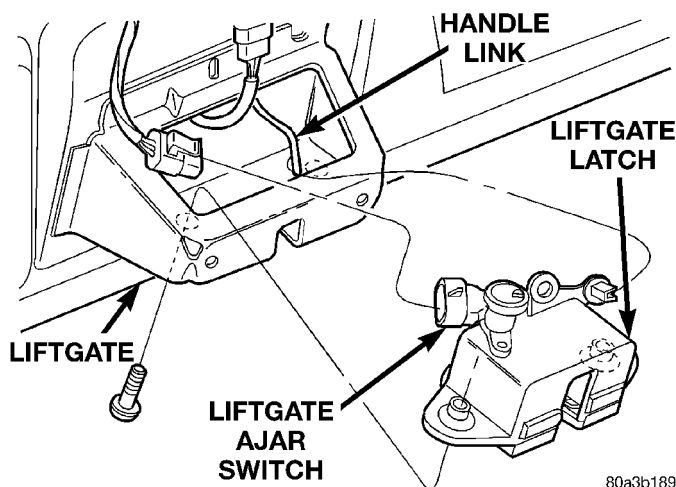


Fig. 125 Liftgate Latch

INSTALLATION

(1) Place latch in position on vehicle.

(2) Install screws to hold latch to liftgate.

(3) Pull downward on outside handle link and engage link to clip on latch.

(4) Engage wire connector to liftgate ajar switch.

(5) Verify liftgate fit and operation. Adjust as necessary.

(6) Install liftgate trim panel.

LIFTGATE OUTSIDE HANDLE

REMOVAL

(1) Remove liftgate trim panel.

(2) Remove power lock motor.

(3) Disengage outside handle link from clip on liftgate latch.

(4) Disengage VTA switch from back of lock cylinder, if equipped.

(5) Disengage lock link, if equipped.

(6) Remove nut holding outside liftgate handle to liftgate (Fig. 126).

(7) Disengage retaining groove holding handle to liftgate.

(8) Separate outside liftgate handle and links from vehicle.

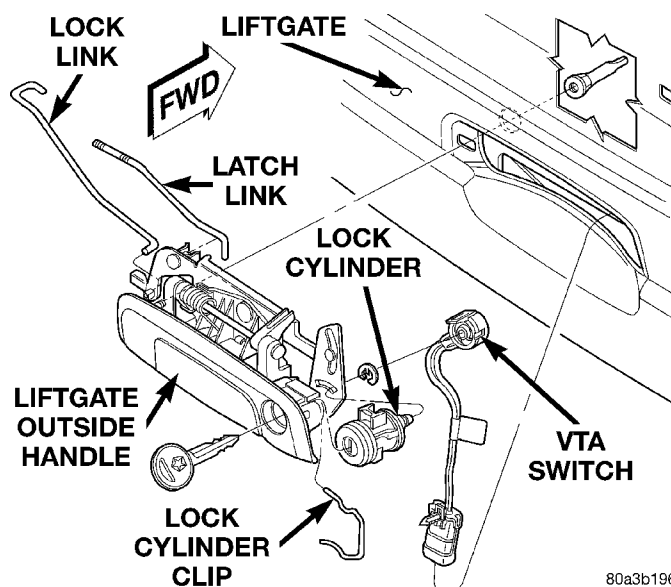


Fig. 126 Liftgate Outside Handle

INSTALLATION

(1) Position outside liftgate handle and links on vehicle.

(2) Engage retaining groove to hold handle to liftgate by pushing handle to the right for centering.

(3) Install nut to hold outside liftgate handle to liftgate.

(4) Engage VTA switch from back of lock cylinder, if equipped.

(5) Engage outside handle link to clip on liftgate latch.

(6) Install lock link, if equipped.

(7) Install power lock motor.

(8) Verify liftgate operation. Adjust as necessary.

(9) Install liftgate trim panel.

REMOVAL AND INSTALLATION (Continued)

LIFTGATE LOCK CYLINDER

REMOVAL

NOTE: Do not remove E-clip.

- (1) Remove outside liftgate handle.
- (2) Remove lock cylinder clip from handle (Fig. 127).
- (3) Separate lock cylinder and arm from handle.

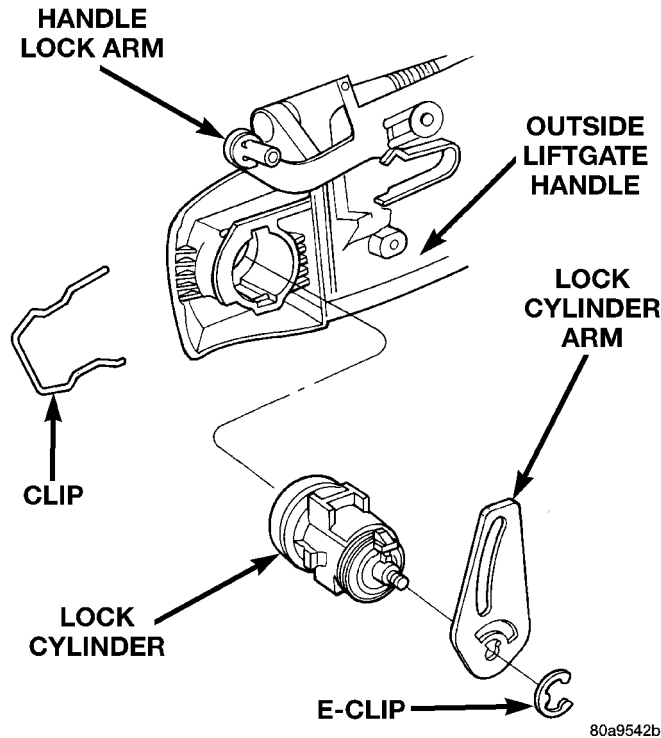


Fig. 127 Lock Cylinder Removal

INSTALLATION

- (1) Install lock cylinder clip into liftgate handle.
- (2) Push lock cylinder into handle until clip engages groove in lock cylinder with an audible click (Fig. 128).
- (3) Install outside liftgate handle.
- (4) Verify lock cylinder operation.

LIFTGATE LATCH STRIKER

REMOVAL

- (1) Open liftgate.
- (2) Mark outline of striker on sill to aid installation.
- (3) Remove screws holding striker to sill (Fig. 129).
- (4) Separate striker from vehicle.

INSTALLATION

- (1) Place striker in position on vehicle.
- (2) Align striker to outline mark on sill.

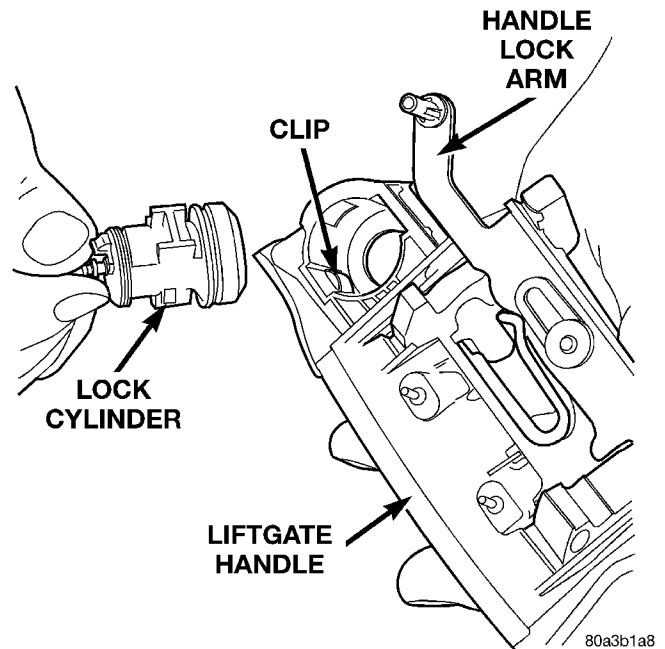


Fig. 128 Lock Cylinder Installation

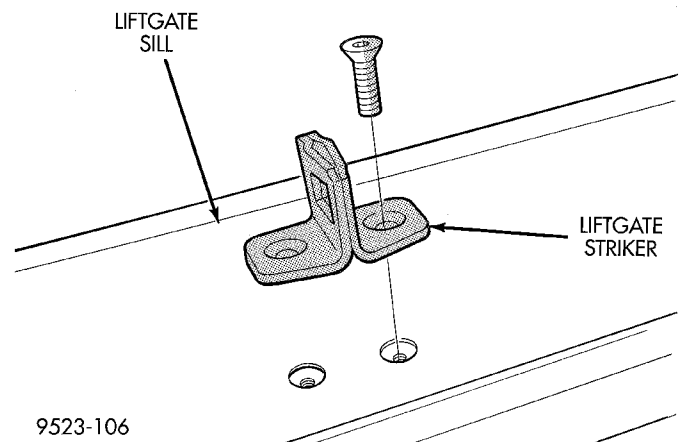


Fig. 129 Liftgate Latch Striker

- (3) Install screws to hold striker to sill.
- (4) Verify liftgate alignment and operation.

LIFTGATE STABILIZER WEDGE

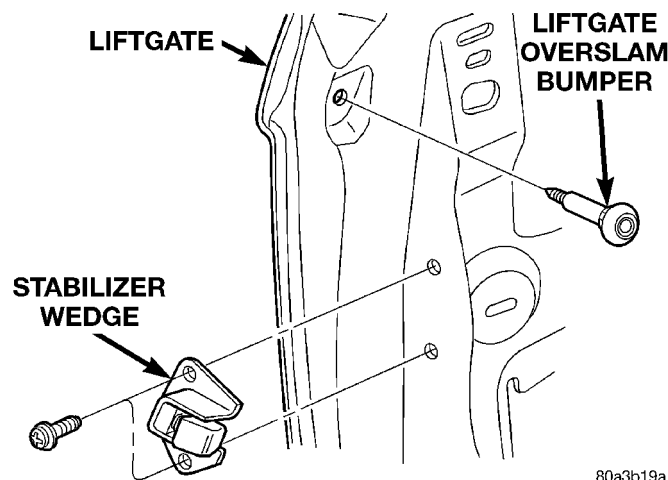
REMOVAL

- (1) Open liftgate.
- (2) Mark outline of stabilizer wedge on liftgate to aid installation.
- (3) Remove rivets holding wedge to liftgate (Fig. 130).
- (4) Separate wedge from vehicle.

INSTALLATION

- (1) Position stabilizer wedge on vehicle.

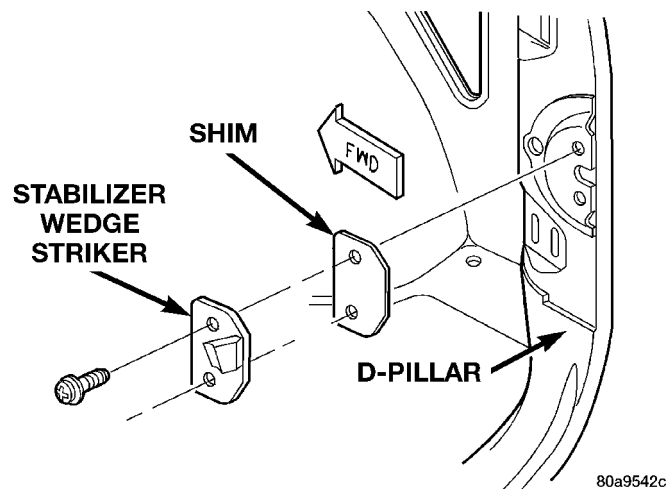
REMOVAL AND INSTALLATION (Continued)

**Fig. 130 Liftgate Wedge**

- (2) Align stabilizer wedge to outline previously made on liftgate.
- (3) Install rivet to hold wedge to liftgate.
- (4) Verify liftgate fit and operation. Adjust as necessary.

LIFTGATE STABILIZER WEDGE STRIKER**REMOVAL**

- (1) Open liftgate
- (2) Remove screws holding stabilizer wedge striker to D-pillar (Fig. 131).
- (3) Retrieve shims from between wedge striker and D-pillar, if necessary.
- (4) Separate wedge striker from vehicle.

**Fig. 131 Liftgate Wedge Striker****INSTALLATION**

- (1) Position wedge striker on vehicle.
- (2) Install any shims previously retrieved from between wedge striker and D-pillar or add shims to ensure proper contact.

- (3) Install screws holding stabilizer wedge striker to D-pillar (Fig. 131).

ROOF APERTURE (RAP) MOLDING

The RAP molding is set with body side molding tape. The temperature in the work area and the vehicle should be at least 21°C (70°F) to avoid damaging the RAP moldings.

REMOVAL

- (1) Warm the affected stick-on molding and body metal to approximately 38°C (100°F) using a suitable heat lamp or heat gun.
- (2) Pull stick-on molding from painted surface.
- (3) Remove adhesive tape residue from painted surface of vehicle. Use a 3M Scotch-Brite[®] Molding Adhesive and Stripe Removal Discs, or equivalent, to clean adhesive residue from painted surfaces. The adhesive removal discs are available from automotive paint suppliers. Refer to instructions supplied with the discs for proper usage.

INSTALLATION

- (1) If molding is to be reused;
 - (a) Remove tape residue from molding.
 - (b) Clean back of molding with Mopar[®] Super Kleen solvent, or equivalent.
 - (c) Wipe molding dry with lint free cloth.
 - (d) 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 lint free cloth.
- (3) Remove protective cover from tape on back of molding.
- (4) Apply molding to body from front of vehicle to rear.
- (5) Using a roller tool, roll molding onto body panel with enough force to assure adhesion and not bend roof panels.

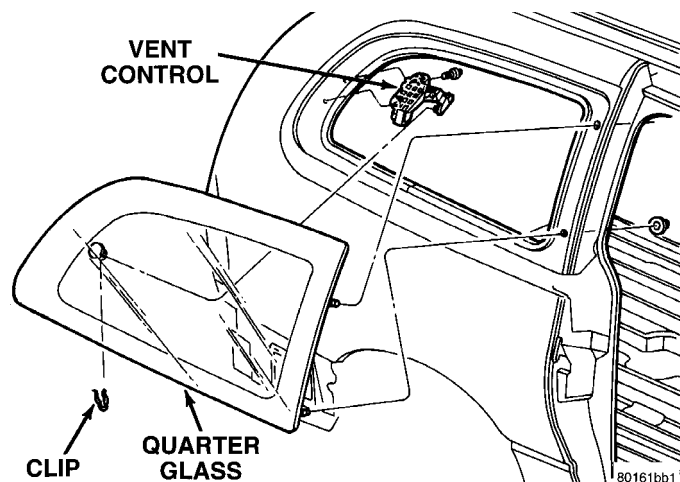
QUARTER GLASS**REMOVAL**

- (1) Remove C-pillar trim.
- (2) Open quarter glass to vent position.
- (3) Remove screw holding quarter window retainer to vent motor arm.
- (4) Disengage quarter window retainer from vent motor arm.
- (5) Remove nuts holding quarter glass to C-pillar (Fig. 132).
- (6) Separate quarter glass from vehicle.

INSTALLATION

- (1) Place quarter glass in position on vehicle.
- (2) Install nuts to hold quarter glass to C-pillar.

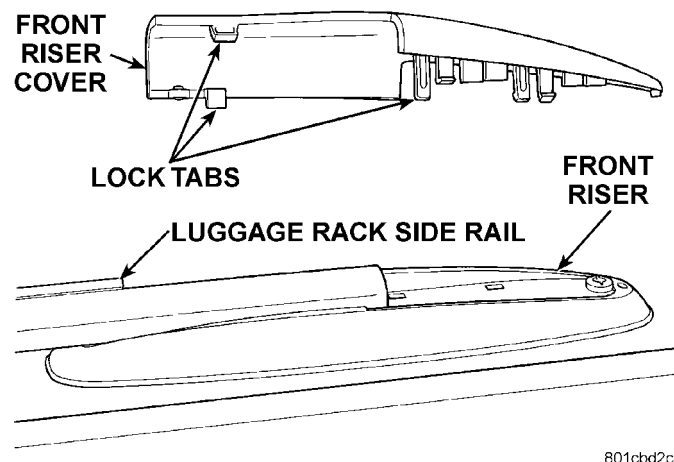
REMOVAL AND INSTALLATION (Continued)

**Fig. 132 Quarter Glass**

- (3) Engage quarter window retainer to vent motor arm.
- (4) Install screw holding quarter window retainer to vent motor arm.
- (5) Close quarter glass.
- (6) Install C-pillar trim.

LUGGAGE RACK RISER COVER**REMOVAL**

- (1) Disengage lock tabs holding luggage rack front riser cover to riser.
- (2) Separate cover from riser (Fig. 133).

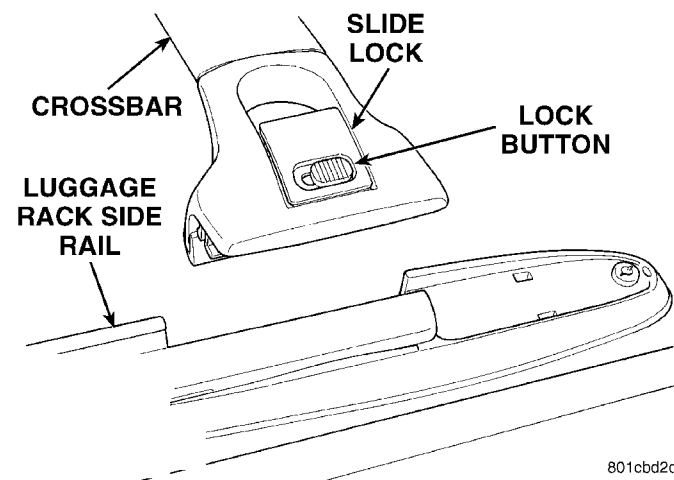
**Fig. 133 Luggage Rack Riser Cover****INSTALLATION**

- (1) Place cover in position on luggage rack riser.
- (2) Engage lock tabs to holding luggage rack front riser cover to riser.

LUGGAGE RACK CROSSBAR**REMOVAL**

- (1) Remove luggage rack front riser covers.

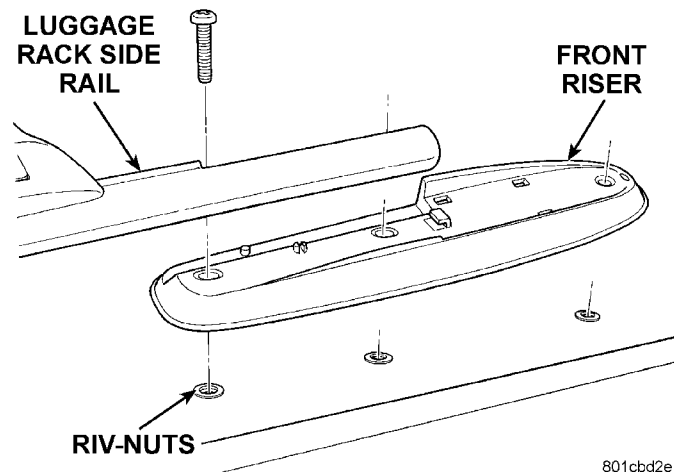
- (2) Disengage lock and slide crossbar forward into notch in front riser (Fig. 134).
- (3) Separate crossbar from roof.

**Fig. 134 Luggage Rack Crossbar****INSTALLATION**

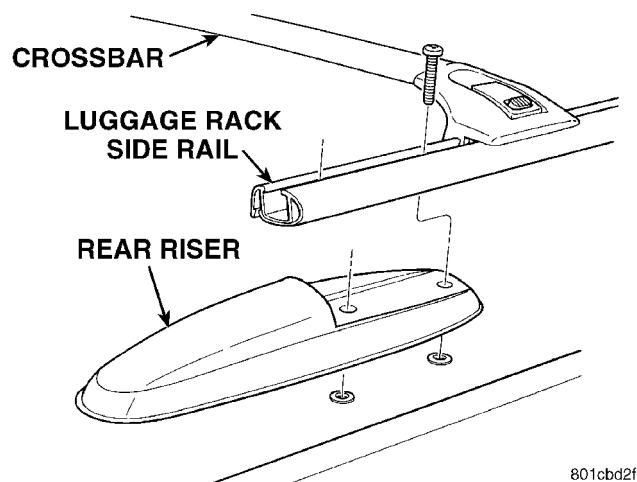
- (1) Place crossbar in position on roof.
- (2) Engage crossbar into notch in front riser.
- (3) Slide crossbar rearward into desired position.
- (4) Install luggage rack front riser covers.

LUGGAGE RACK SIDE RAIL**REMOVAL**

- (1) Remove luggage rack front riser covers.
- (2) Remove crossbars.
- (3) Remove screws holding side rail to front riser and roof panel (Fig. 135).
- (4) Remove screws holding side rail to center riser and roof panel.
- (5) Remove screws holding side rail to rear riser and roof panel (Fig. 136).
- (6) Separate side rail from vehicle.

**Fig. 135 Luggage Rack Front Riser**

REMOVAL AND INSTALLATION (Continued)

**Fig. 136 Luggage Rack Rear Riser****INSTALLATION**

- (1) Place side rail in position on vehicle.
- (2) Install screws to hold side rail to rear riser and roof panel.
- (3) Install screws to hold side rail to center riser and roof panel.
- (4) Install screws to hold side rail to front riser and roof panel.
- (5) Install crossbars.
- (6) Install luggage rack front riser covers.

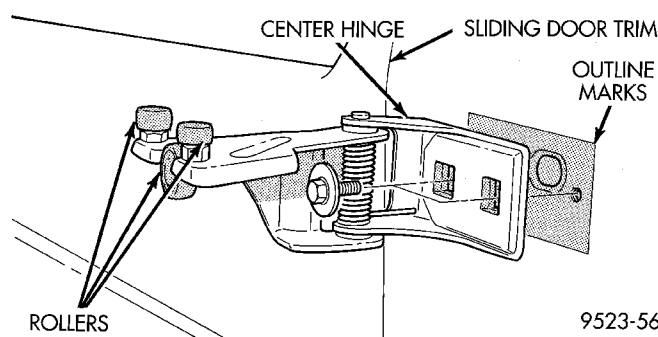
ADJUSTMENTS**SLIDING DOOR ADJUSTMENTS****PRELIMINARY CHECKS**

- (1) Close sliding door, visually checking C-post striker alignment entry into latch. Striker at this point must not affect alignment.
- (2) On vehicles with left sliding doors, check the fuel door blocker striker entry into latch. Striker at this point must not affect alignment.
- (3) Check C-post and B-post for door to aperture gaps and door to door gaps. All gaps should be $5\text{mm} \pm 1\text{mm}$.
- (4) Check door for height using character lines as a reference. Also check roof contour as a controlling factor.

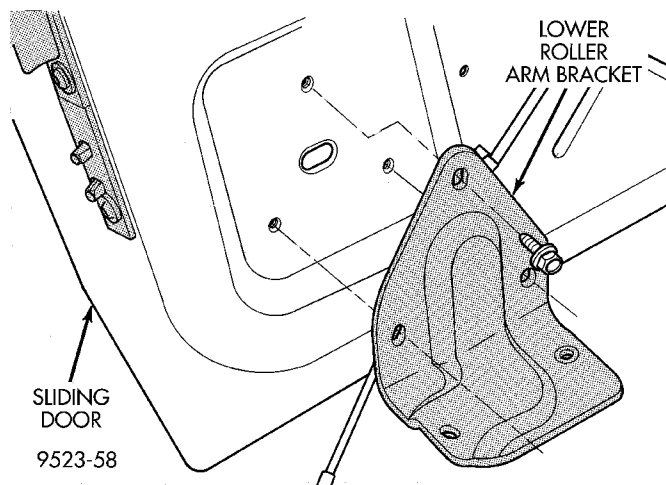
FORE/AFT ADJUSTMENT

- (1) Open door to mid-point of travel.
- (2) Mark outline of center hinge on sliding door to assist in making adjustments.
- (3) Loosen center hinge bolts (Fig. 137).
- (4) Move the hinge rearward to increase the gap at the C-post and decrease the gap at the B-post.
- (5) Move the hinge forward to decrease the gap at the C-post and increase the gap at the B-post.
- (6) Tighten all center hinge bolts.

- (7) Verify alignment. Re-adjust as necessary.

**Fig. 137 Sliding Door Center Hinge****TILT ADJUSTMENT (A AND V GAPS)**

- (1) Check height of sliding door at the B-post and C-post to determine which area is contributing the greatest to the incorrect gaps.
- (2) If the sliding door is high at the C-post;
 - (a) Open the door to mid-point of travel.
 - (b) Mark outline of center hinge on sliding door to assist in making adjustments.
 - (c) Loosen center hinge bolts (Fig. 137).
 - (d) Move hinge upward to lower the door.
 - (e) Tighten center hinge bolts.
 - (f) Verify alignment. Re-adjust as necessary.
- (3) If the sliding door is low at the B-post;
 - (a) Remove access plug in the sliding door trim panel.
 - (b) Open the door to mid-point of travel.
 - (c) Mark outline of lower roller arm bracket on sliding door to assist in making adjustments.
 - (d) Loosen lower roller arm bracket bolts (Fig. 138).
 - (e) Move hinge downward to raise the door.
 - (f) Tighten lower roller arm bracket bolts.
 - (g) Verify alignment. Re-adjust as necessary.

**Fig. 138 Sliding Door Lower Roller Arm Bracket**

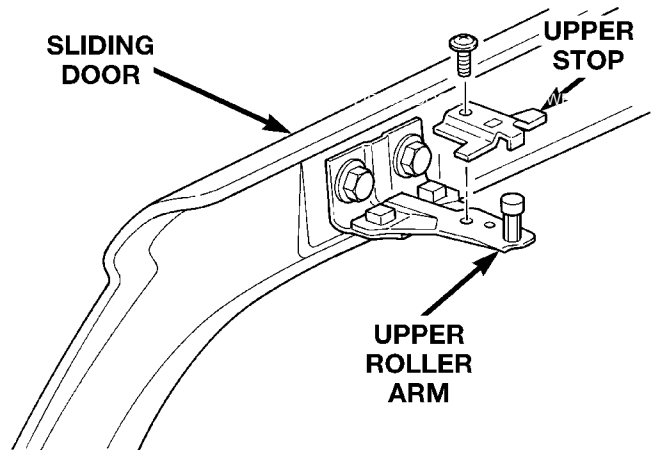
- (4) If the sliding door is low at the C-post;
 - (a) Open the door to mid-point of travel.

ADJUSTMENTS (Continued)

- (b) Mark outline of center hinge on sliding door to assist in making adjustments.
- (c) Loosen center hinge bolts (Fig. 137).
- (d) Move hinge downward to raise the door.
- (e) Tighten center hinge bolts.
- (f) Verify alignment. Re-adjust as necessary.
- (5) If the sliding door is high at the B-post;
 - (a) Remove access plug in the sliding door trim panel.
 - (b) Open the door to mid-point of travel.
 - (c) Mark outline of lower roller arm bracket on sliding door to assist in making adjustments.
 - (d) Loosen lower roller arm bracket bolts (Fig. 138).
 - (e) Move hinge upward to raise the door.
 - (f) Tighten lower roller arm bracket bolts.
 - (g) Verify alignment. Re-adjust as necessary.

SEAL COMPRESSION

- (1) Check seal compression at top and bottom of B-post seal.
- (2) Adjust seal compression at the top of the B-post seal;
 - (a) Open door to mid-point of travel.
 - (b) Mark outline of upper roller arm on bracket to assist in making adjustments.
 - (c) Loosen bolts holding upper roller arm to bracket (Fig. 139)
 - (d) Decrease the length of the upper roller arm to increase seal compression.
 - (e) Increase the length of the upper roller arm to decrease seal compression.
 - (f) Tighten all upper roller arm bolts.
 - (g) Verify door alignment. Re-adjust as necessary.
- (3) Adjust seal compression at the bottom of B-post seal.
 - (a) Open door to mid-point of travel.
 - (b) Mark outline of lower roller arm on lower roller arm bracket to assist in making adjustments.
 - (c) Loosen bolts holding lower roller arm to lower roller arm bracket.
 - (d) Pivot lower roller arm toward center of vehicle to decrease seal compression.
 - (e) Pivot lower roller arm outward to increase seal compression.
 - (f) Tighten lower roller arm bolts.

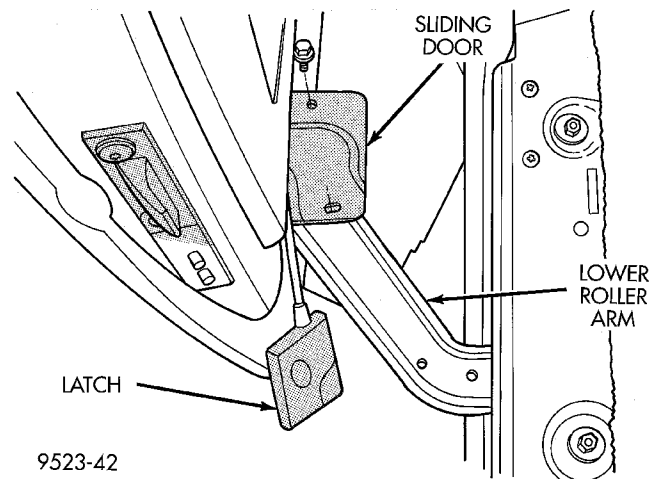


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Fig. 139 Sliding Door Upper Roller Arm

- (g) Verify alignment. Re-adjust as necessary.

NOTE: Adjusting seal compression at the B-post can affect door flushness the C-post.



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Fig. 140 Sliding Door Lower Roller Arm

STABILIZER ADJUSTMENT

- (1) Open sliding door.
- (2) Loosen bolts holding stabilizers to sliding door enough that the stabilizers can move with some effort.
- (3) Close and then re-open sliding door.
- (4) Tighten all bolts.

BODY

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SEATS

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REMOVAL AND INSTALLATION

HEAD RESTRAINT

REMOVAL

- (1) Lift head restraint to top of travel.
- (2) Depress lock button on side of sleeve at top of seat back (Fig. 1).
- (3) Pull head restraint from top of seat back.

INSTALLATION

- (1) Position head restraint to seat.
- (2) Depress lock button on side of sleeve at top of seat back.
- (3) Insert head restraint into sleeves at top of seat back.

HEAD RESTRAINT ESCUTCHEON

REMOVAL

- (1) Remove head restraint from seat.
- (2) Remove escutcheon from head restraint sleeve (Fig. 2).
- (3) Remove head restraint retainer from sleeve.
- (4) Separate escutcheon and retainer from vehicle.

INSTALLATION

- (1) Position escutcheon and retainer to seat.
- (2) Install retainer to sleeve.
- (3) Install escutcheon to sleeve.
- (4) Install head restraint to seat.

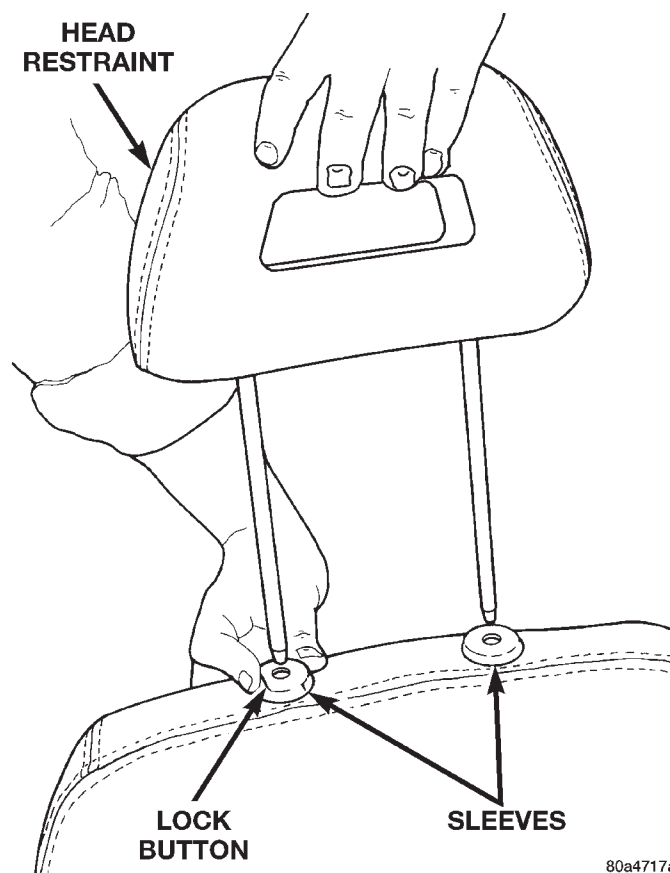
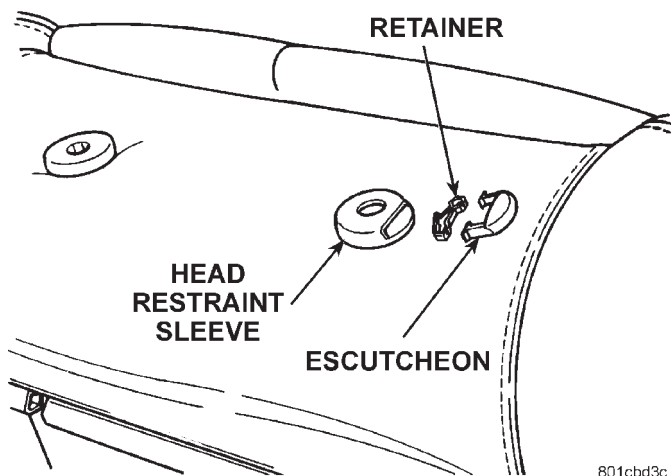


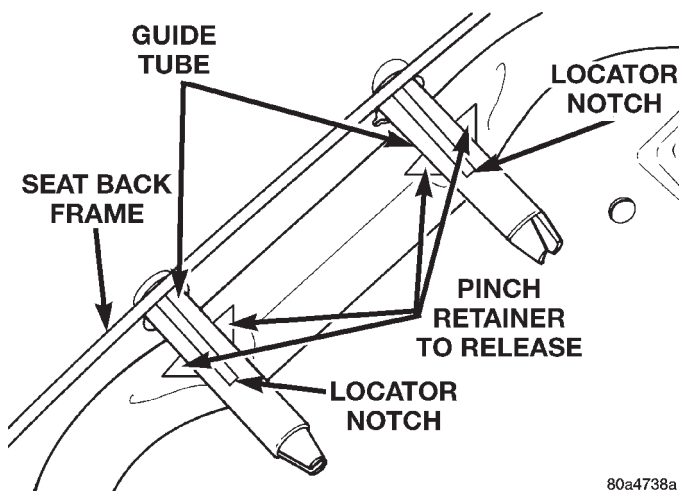
Fig. 1 Head Restraint—Bucket Seat

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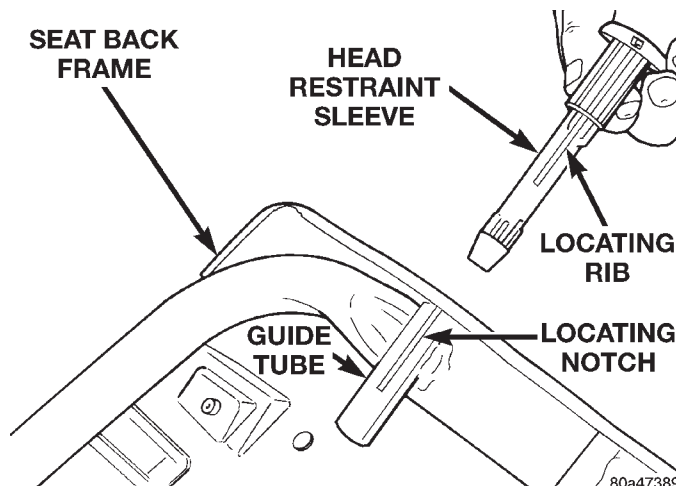
REMOVAL AND INSTALLATION (Continued)

**Fig. 2 Head Restraint Escutcheon and Retainer****HEAD RESTRAINT SLEEVE****REMOVAL**

- (1) Remove head restraint.
- (2) Disengage closure holding bottom of trim cover together.
- (3) Reach under trim cover through opening at bottom of seat back.
- (4) Pinch retainer barbs on middle of head restraint sleeve together (Fig. 3).
- (5) Pull head restraint sleeve upward and out the top of the seat back frame guide tube.

**Fig. 3 Head Restraint Sleeve Removal****INSTALLATION**

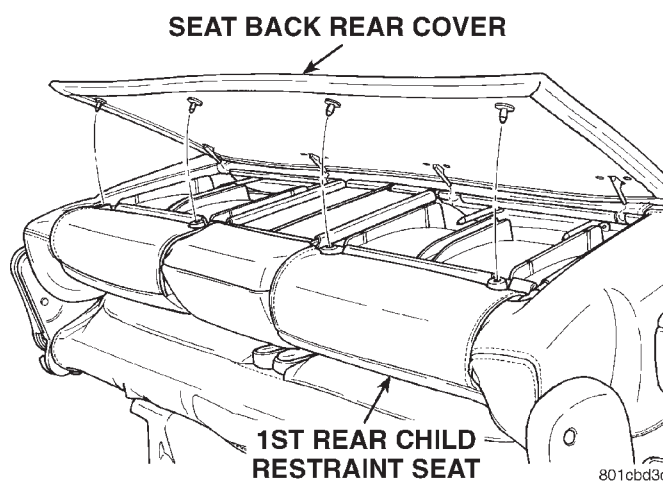
- (1) Insert head restraint sleeve into guide tube at top of seat back.
- (2) Align locator rib to locator rib notch in guide tube (Fig. 4).

**Fig. 4 Head Restraint Sleeve Installation**

- (3) Push head restraint sleeve downward until retainer clicks into lock position.
- (4) Engage closure to hold bottom of trim cover together.
- (5) Install head restraint.

BENCH SEAT BACK COVER**REMOVAL**

- (1) Remove screws holding the bottom of the bench seat back cover to the seat frame (Fig. 5).
- (2) Disengage hooks holding top of seat back cover to seat back frame.
- (3) Separate seat back cover from seat.

**Fig. 5 Bench Seat Back Cover****INSTALLATION**

- (1) Place seat back cover in position on seat.
- (2) Engage hooks to hold top of seat back cover to seat back frame.
- (3) Install screws to hold bottom of bench seat back cover to seat frame.

BODY COMPONENT SERVICE

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REMOVAL AND INSTALLATION

GEARSHIFT CONSOLE

REMOVAL

- (1) Lift the parking brake lever to the full up position (Fig. 1).
- (2) Carefully pull the base of the gearshift boot off the top of the gearshift console.
- (3) Remove the four (4) screws from the top of the gearshift console (Fig. 2).
- (4) Tilt the gearshift boot and carefully push the boot through the opening in the gearshift console.
- (5) Separate console from vehicle.

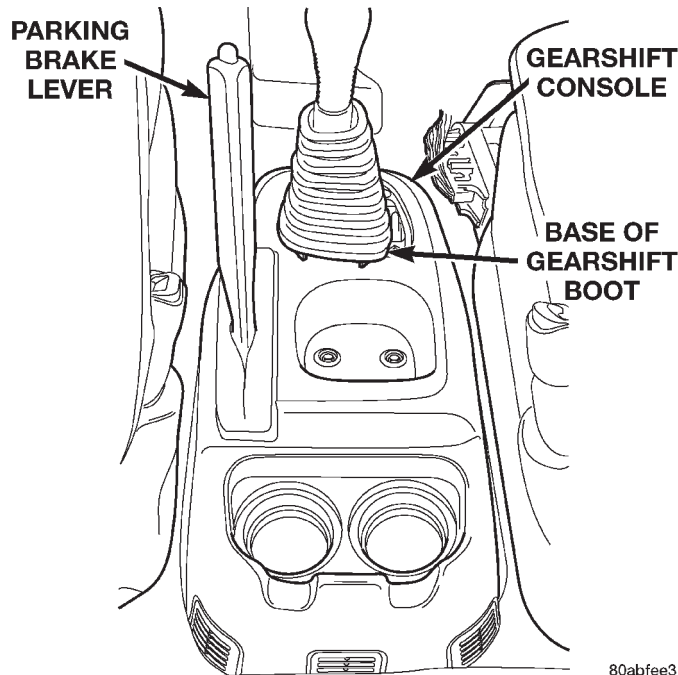
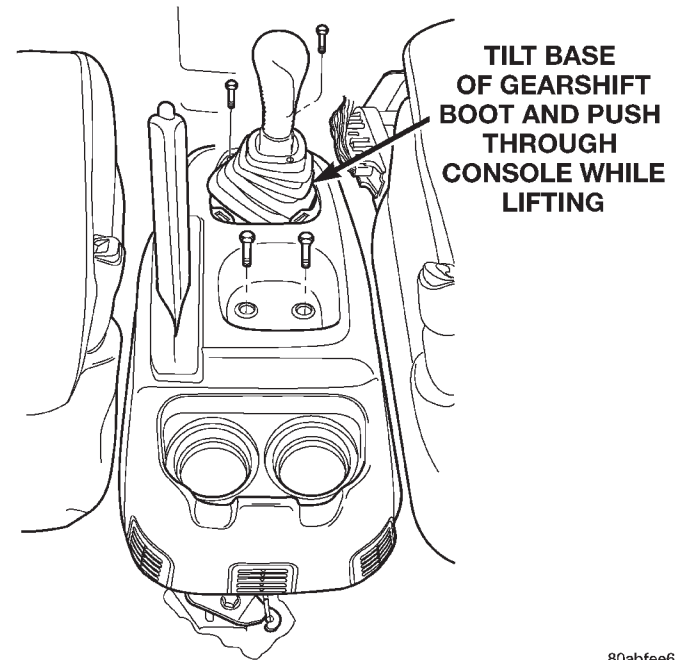


Fig. 1 Console, Parking Brake Lever, and Gearshift Boot

INSTALLATION



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Fig. 2 Gearshift Console and Boot Removal

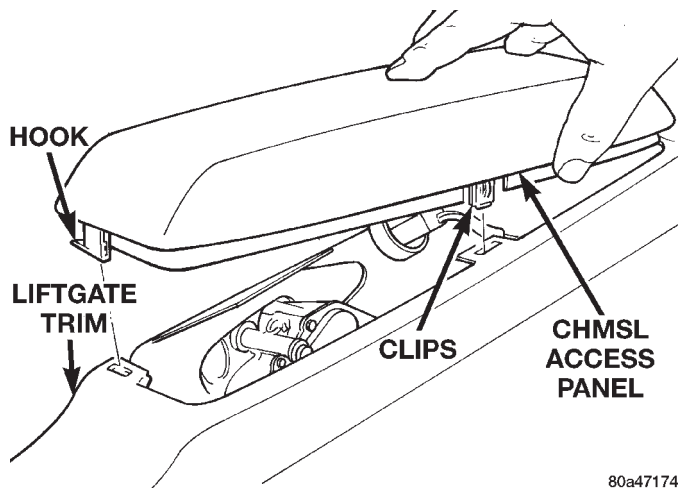
- (1) Tilt the gearshift boot and carefully push the boot through the gearshift console.
- (2) Install screws to hold gearshift console to gearshift mechanism.
- (3) Install gearshift boot and carefully push the clips into the three (3) slots in the gearshift console.

LIFTGATE CHMSL ACCESS PANEL

REMOVAL

- (1) Using a trim stick (C-4755), disengage clip holding CHMSL access panel to liftgate trim panel (Fig. 3).
- (2) Disengage hooks on CHMSL access cover from liftgate trim panel.
- (3) Separate access panel from vehicle.

REMOVAL AND INSTALLATION (Continued)



(2) Engage hooks on CHMSL access cover to liftgate trim panel.

(3) Engage clip to hold CHMSL access panel to liftgate trim panel.

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Fig. 3 CHMSL Access Panel

INSTALLATION

(1) Place access panel in position on vehicle.