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 TOUCH-UP

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

TOUCH-UP PROCEDURE

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

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

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

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

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

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

GENERAL INFORMATION (Continued)

AFTERMARKET PAINT REPAIR PRODUCTS

EXTERIOR COLORS

EXTERIOR COLOR	CHRY CODE*	PPG	BASF	DuPONT	S-W ACME M-S	AKZO NOBEL SIKKENS
Alpine Green Pearl coat	VGT	5358	28061	B9843	54162	CHA98·VGT
Bright White Clear Coat	GW7	4037	18238	B8833	37298	CHA88·GW7
Candy Apple Red Mt. Tint Clear Coat	RH2	4974 5025	26098	B9616	51063 5106	CHA95·RH2
Deep Amethyst Pearl Coat	TCN	5246	27038	B9736	52566	CHA97·TCN
Deep CranberryPearl Coat	VMT	5359	28071	B9842	54119	CHA98·VMT
Deep Hunter Green Pearl Coat	SG8	47439	26078	B9609	5106	CHA95·SG8
Deep Slate Pearl Coat	VAW	5292	27166	B9774	54118	CHA97·VAW
Flame Red Clear Coat	PR4	4679	21836	B9326	46916	CHA93·PR4
Golden White Pearl Tri-Coat	GW7	83554 83642	26095	B9623 B9624	51074 51075	CHA96·SWP
Island Teal Satin Glow	SPJ	47425	26085	B9610	51065	CHA95·SPJ
Light Iris Pearl Coat	PC5	4788	24078	B9455	48782	CHA94·PC5
Light Silverfern Pearl Coat	RJM	47383	25043	B9525	50269	CHA95·RJM
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.

INTERIOR COLORS

INTERIOR COLOR	CHRY CODE	PPG	BASF	DuPONT	S-W ACME M-S	AKZO NOBEL SIKKENS
Camel	K5	27731/2-1584	26120	C9603	51541	CHA·RJ5I
Mist Gray	C3	35799/2-1576	25065	C9507	50508	CHA·RC3I
Silver Fern	JK	35798/2-1577	25066	C9509	50510	CHA·RJKI

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.

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

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

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

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

ALWAYS WEAR EYE AND HAND PROTECTION WHEN WORKING WITH GLASS.

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

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

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

REMOVAL AND INSTALLATION

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.

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) Disconnect 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 header and cowl pinch weld fences (Fig. 2). A power cutting device can be used if available.
(9) Remove windshield from vehicle.

REMOVAL AND INSTALLATION (Continued)

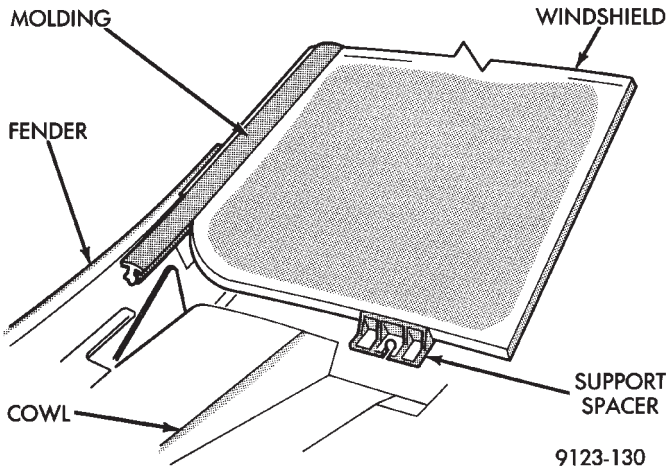

Fig. 1 Windshield Molding

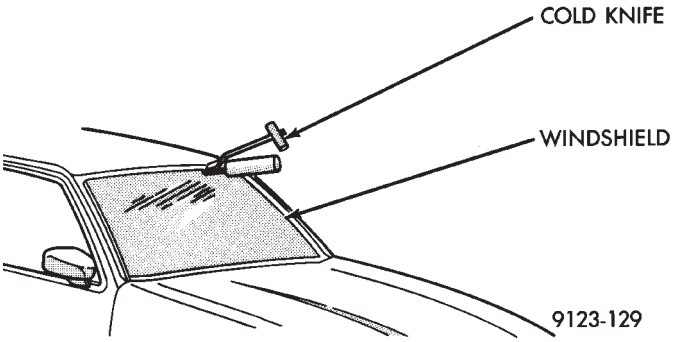

Fig. 2 Cut Urethane Around Windshield

WINDSHIELD REMOVAL – INTERIOR METHOD

(1) Remove inside rear view mirror.

(2) Remove instrument panel top cover. Refer to Group 8E, Instrument Panel and Systems.

(3) Remove A-pillar trim covers.

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

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

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

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

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

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

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

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

REMOVAL AND INSTALLATION (Continued)

(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.

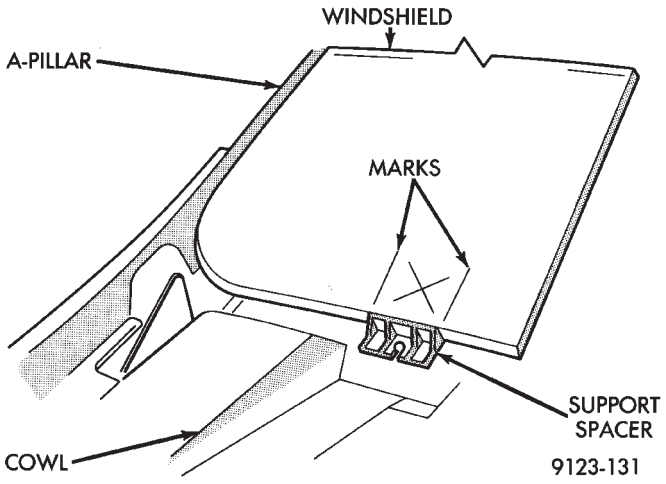

Fig. 3 Center Windshield and Mark at Support Spacers

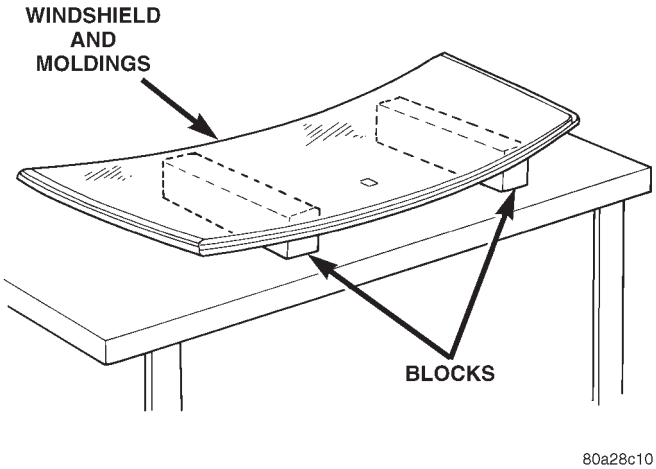

Fig. 4 Work Surface Set up and Molding Installation

BODY SIDE/SLIDING DOOR STATIONARY GLASS

The temperature of the vehicle should be at least 21° C (70° F) before removing the stationary quarter/ sliding door glass. Butyl sealer becomes more pliable at high temperatures.

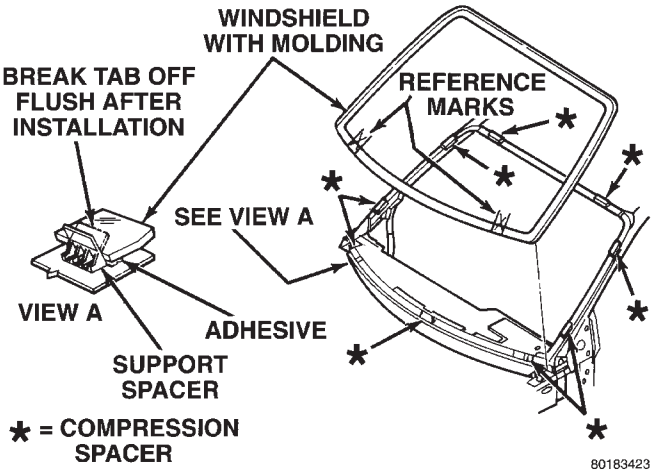

Fig. 5 Lower Windshield Into Position

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.

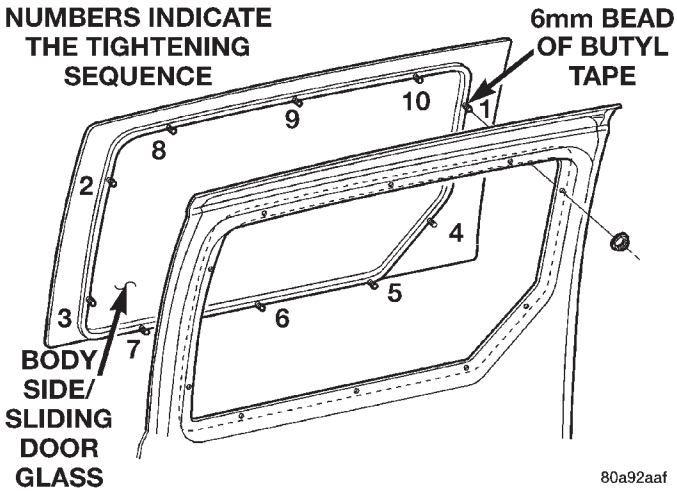

Fig. 6 Sliding Door Stationary Glass

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.

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

REMOVAL AND INSTALLATION (Continued)

NOTE: Tighten nuts to 3.4 N·m (30 in. lbs.) torque in the sequence indicated. Do not over torque, or glass breakage may result (Fig. 6).

(4) Install interior trim.

REAR WINDOW

Refer to the Safety Precautions in 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 (Fig. 2).

(5) Remove 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) Remove rear window from vehicle.

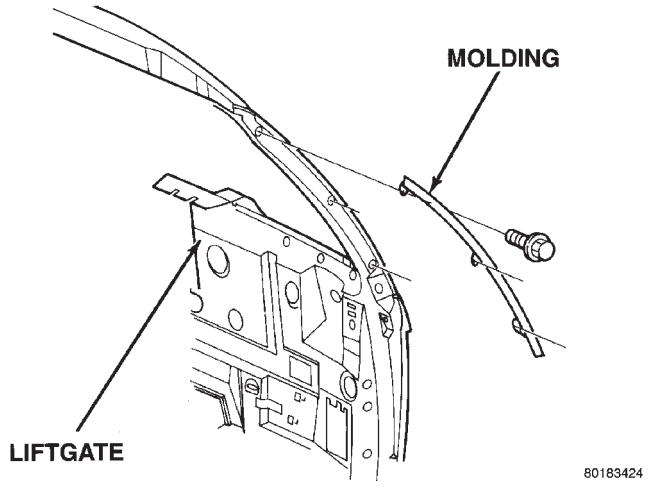

Fig. 7 Rear Window Side Moldings

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 (Fig. 4).

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 center line of rear window fence.

REMOVAL AND INSTALLATION (Continued)

(13) With the aid of a helper, position the rear window over the rear window opening and align the reference marks.

(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.

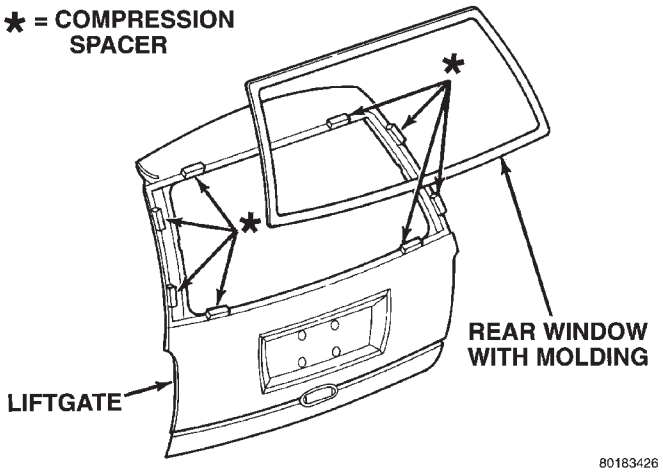

Fig. 8 Lower Rear Window Into Position

SEATS

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REMOVAL AND INSTALLATION

ARM REST

REMOVAL

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

INSTALLATION

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

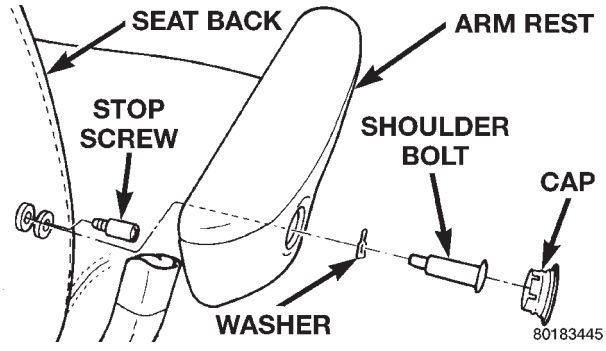

Fig. 1 Arm Rest

BENCH SEAT BACK COVER

REMOVAL

(1) Remove plastic grocery bag retainer attaching screws and remove retainer.
(2) Using a fork type prying tool (C4829), disengage push-in fasteners holding bottom of seat back cover to seat back frame (Fig. 2).
(3) Disengage hooks holding top of seat back cover to seat back frame.
(4) Remove seat back cover from seat.

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 push-in fasteners to hold bottom of seat back cover to seat back frame (Fig. 2).

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. 3).
(3) Remove bolts holding seat back hinge to seat cushion frame.

REMOVAL AND INSTALLATION (Continued)

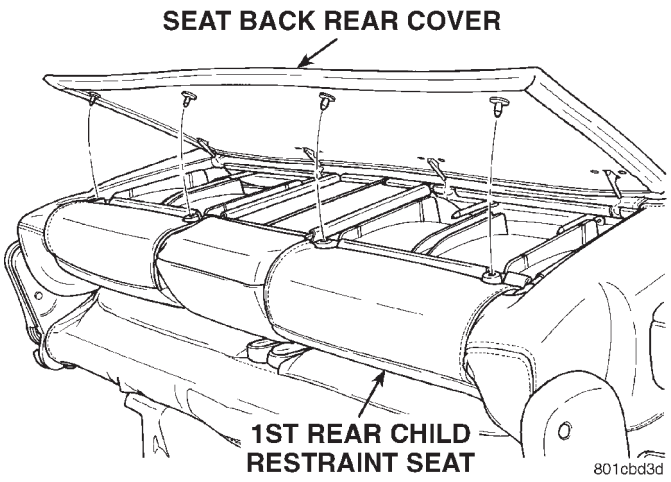

Fig. 2 Bench Seat Back Cover

(4) Remove 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) Remove 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. 3).

(7) Install bench seat back hinge covers.

(8) Verify seat back hinge operation.

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. 4).

(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.

BENCH SEAT BACK HINGE COVERS

REMOVAL

(1) If necessary, remove seat from vehicle. Refer to Owner's Manual for proper procedures.

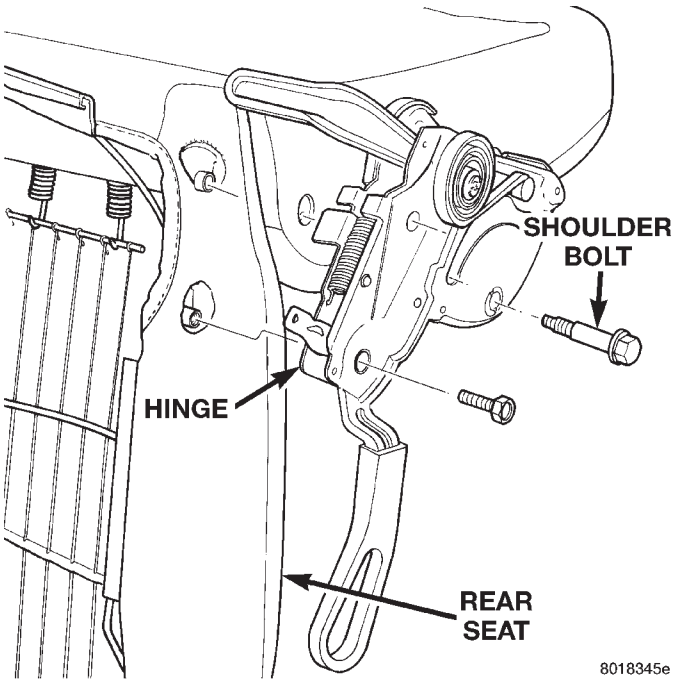

Fig. 3 Bench Seat Back Hinge

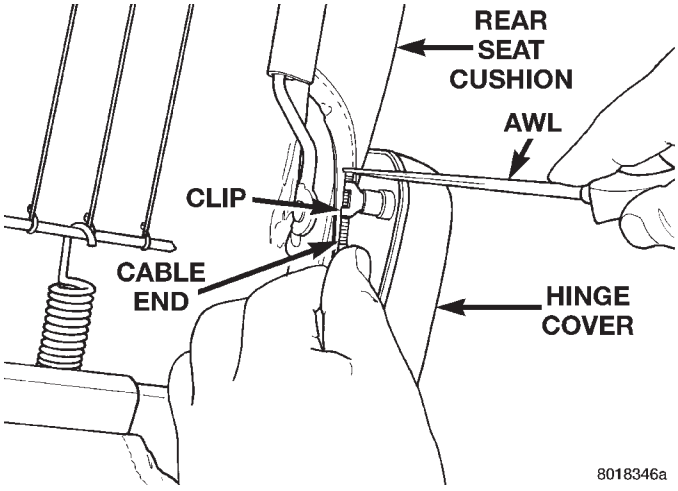

Fig. 4 SYNCHRONIZING CABLE ADJUSTMENT

(2) Remove screws holding lower cover to seat back hinge (Fig. 5).

(3) Remove lower cover from hinge.

(4) Remove screws holding upper hinge cover to seat back hinge.

(5) Remove upper cover from seat back hinge.

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. 5).

(5) If necessary, install seat in vehicle.

REMOVAL AND INSTALLATION (Continued)

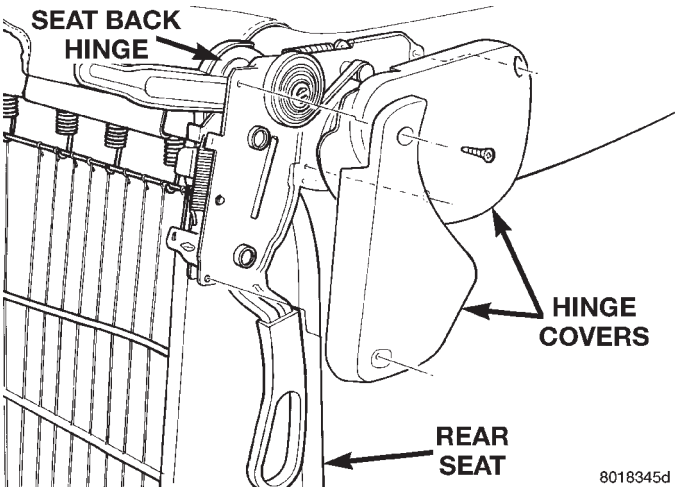

Fig. 5 Bench Seat Back Hinge Covers

BENCH SEAT RISER – FIRST REAR

REMOVAL

(1) Remove first 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. 6).

(4) Remove riser from seat.

INSTALLATION

(1) Place riser in position on seat.

(2) Install bolts to hold seat riser to seat cushion frame (Fig. 6).

(3) Install first rear seat into vehicle.

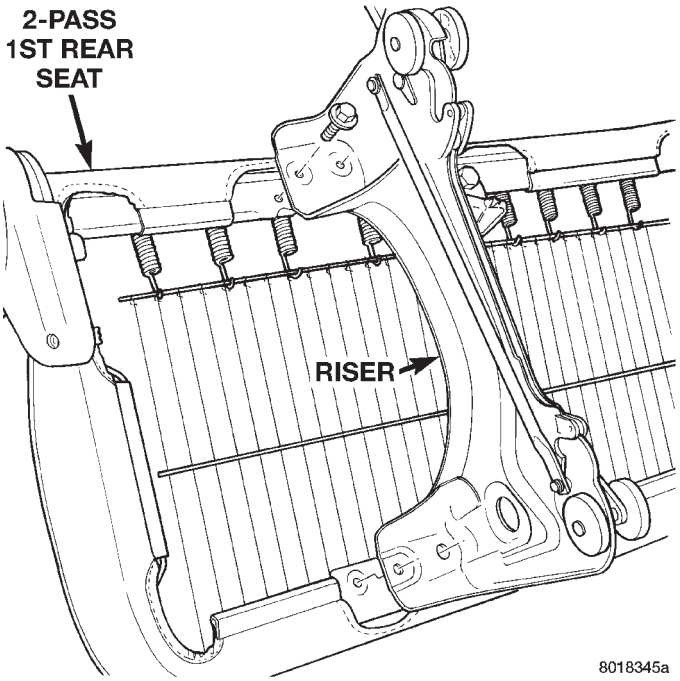

Fig. 6 Bench Seat Riser – First Rear

BENCH SEAT RISER – SECOND REAR

REMOVAL

(1) Remove seat track.

(2) Remove bolts holding riser to seat cushion frame (Fig. 7).

(3) Remove riser from seat.

INSTALLATION

(1) Place riser in position on seat.

(2) Install bolts to hold riser to seat cushion frame (Fig. 7).

(3) Install seat track.

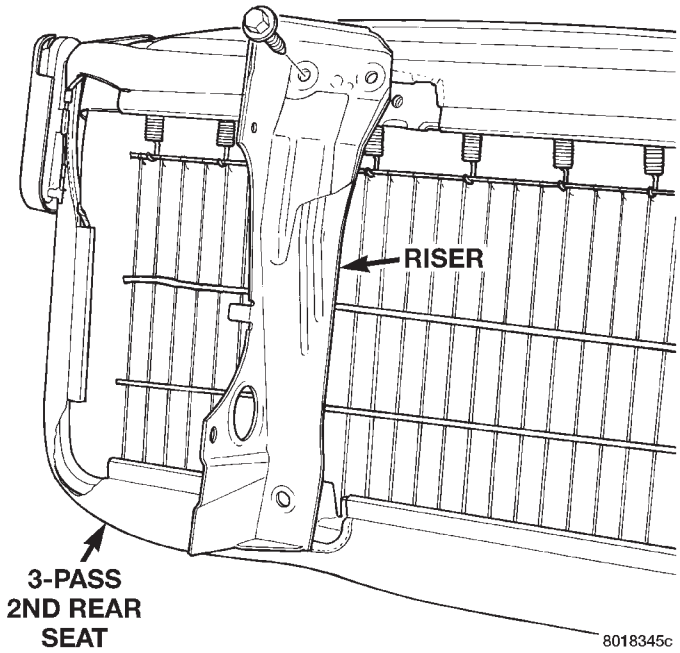

Fig. 7 Bench Seat Riser – Second Rear

BENCH SEAT TRACK – SECOND REAR

REMOVAL

(1) Remove second 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. 8).

(5) Remove track from seat riser.

INSTALLATION

(1) Place track in position on seat riser.

(2) Install nuts to hold track to seat riser. (Fig. 8).

(3) Engage seat track adjuster link wire onto track being installed.

(4) Install second rear seat from vehicle.

REMOVAL AND INSTALLATION (Continued)

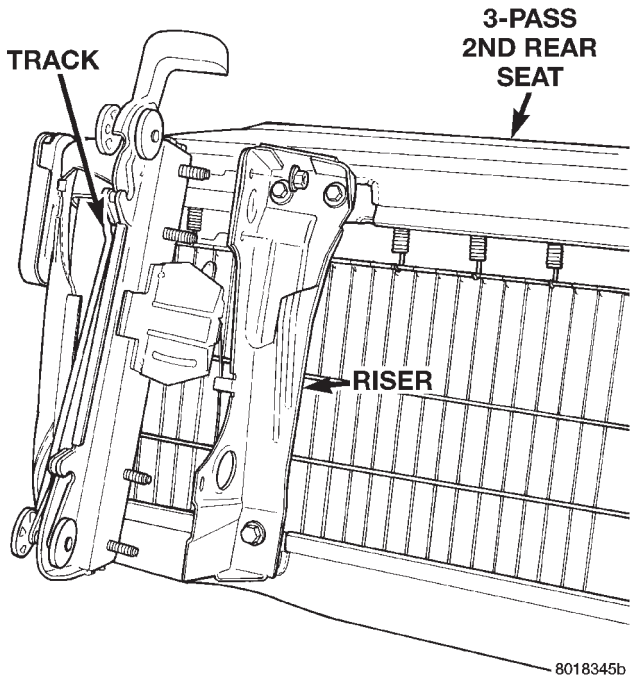

Fig. 8 Bench Seat Track – Second Rear

BUCKET SEAT BACK

REMOVAL

(1) Remove seat cushion pan.
(2) Remove nut holding recliner to seat back frame (Fig. 9).
(3) Remove pivot bolts holding seat back frame to seat track.
(4) Remove 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. 9).
(4) Install seat cushion pan.

BUCKET SEAT BACK ASSIST STRAP

REMOVAL

(1) Using a small screw driver, pry screw plugs from ends of assist strap (Fig. 10).
(2) Remove screws holding assist strap to seat back.
(3) Remove 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. 10).

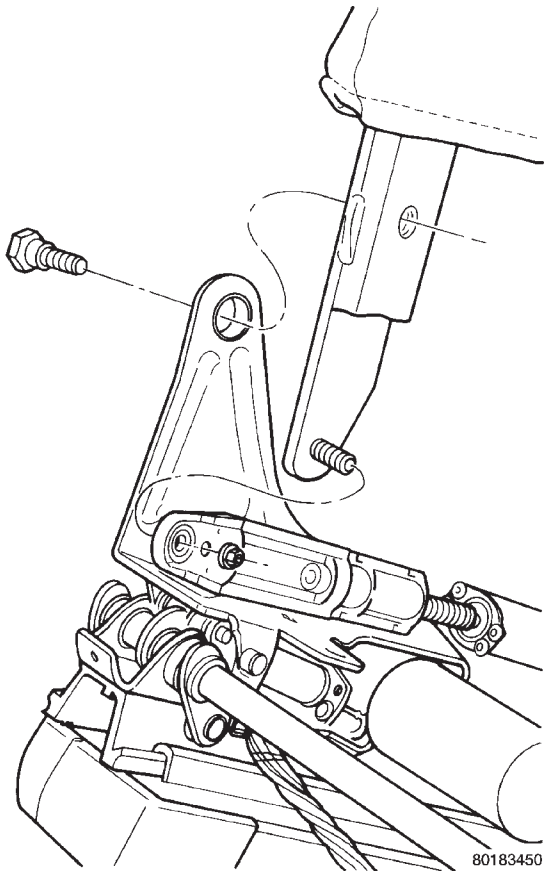

Fig. 9 Bucket Seat Back

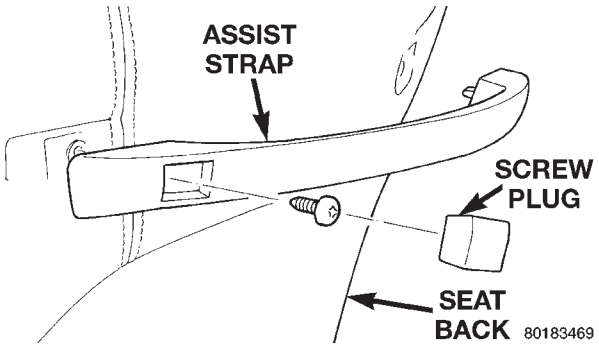

Fig. 10 Bucket Seat Back Assist Strap

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) Remove 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.

REMOVAL AND INSTALLATION (Continued)

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 CUSHION SIDE COVER

REMOVAL

(1) Remove screws holding seat cushion side cover to bucket seat (Fig. 11).
(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) Remove side cover from seat cushion.
(5) If equipped, disconnect wire connector from power seat switch (Fig. 12).

INSTALLATION

(1) Place side cover in position on seat cushion.
(2) If equipped, connect 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. 11).

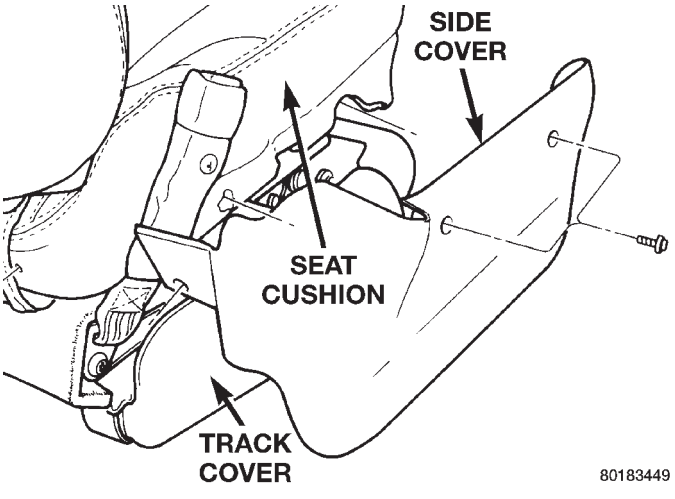

Fig. 11 Bucket Seat Cushion Side Cover

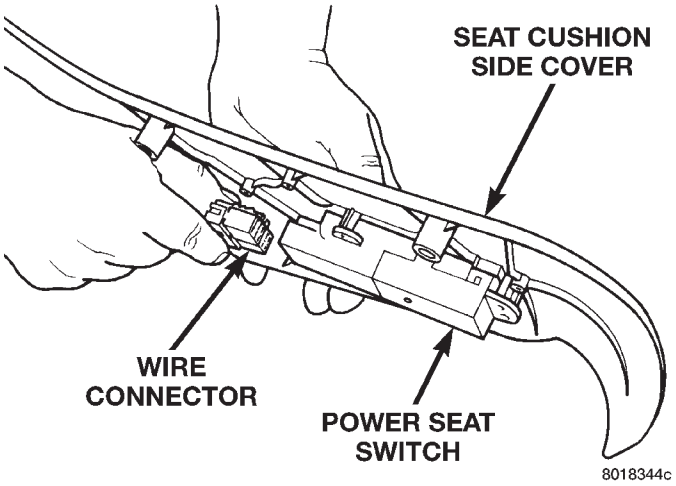

Fig. 12 Power Seat Switch Wire Connector

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. 13).
(4) Remove nut holding recliner to seat back frame.
(5) Remove recliner from seat.

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. 13).
(5) Install E-clip to hold pin in seat track.
(6) Install bucket seat cushion pan.

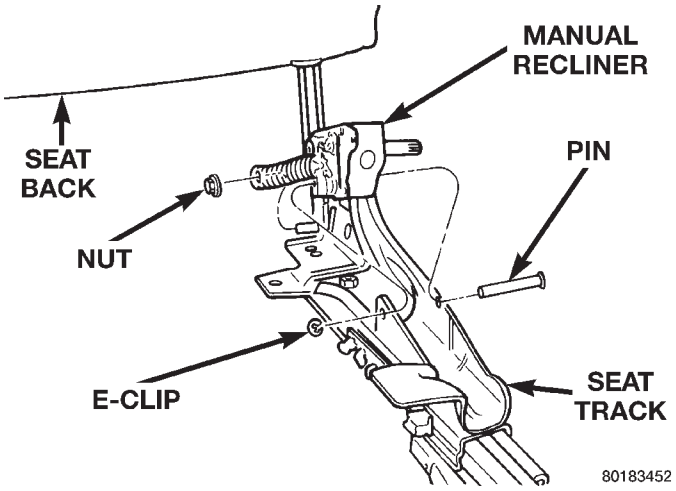

Fig. 13 Bucket Seat Recliner – Manual

REMOVAL AND INSTALLATION (Continued)

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. 14).
(4) Remove recliner from seat track.
(5) Remove recliner from stud on seat back frame.
(6) Disconnect wire connector from power recliner.
(7) Remove power recliner from seat.

INSTALLATION

(1) Place power recliner in position on seat.
(2) Connect 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 attach recliner to seat track (Fig. 14).
(6) Install nut to hold seat back frame to recliner.
(7) Install seat cushion pan.

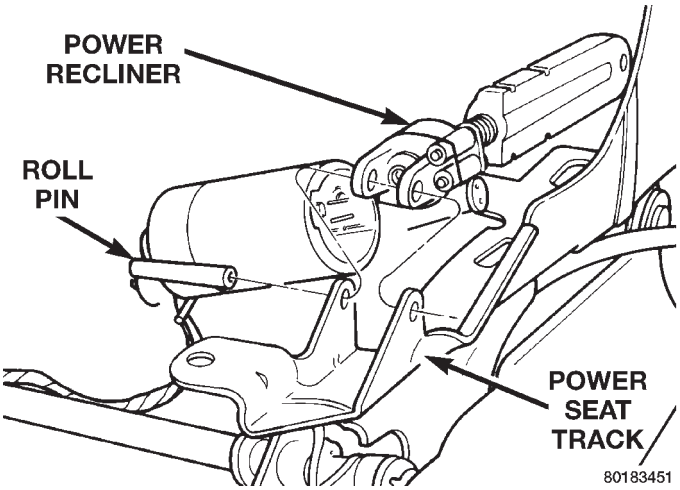

Fig. 14 Bucket Seat Recliner – Power

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. 15).
(4) Remove riser from seat.

INSTALLATION

(1) Place riser in position on seat.
(2) Install nuts to hold riser to manual seat track (Fig. 15).
(3) If equipped, install storage bin into riser.
(4) Install seat into vehicle.

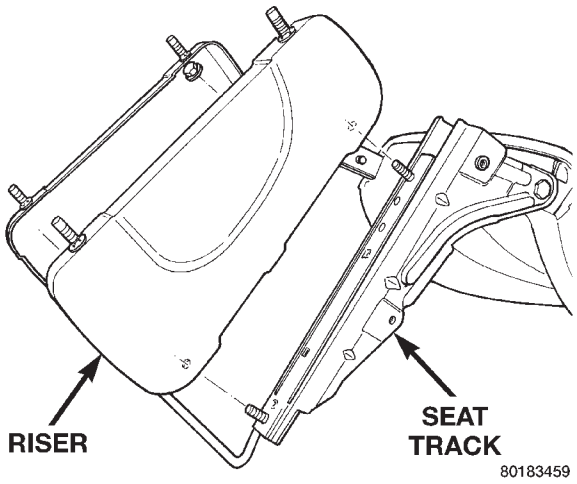

Fig. 15 Bucket Seat Riser – Manual Track

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. 16).
(6) Remove seat track from seat adjuster handle (Fig. 17).
(7) Remove seat track from seat.

INSTALLATION

(1) Place seat track in position on seat.
(2) Place adjuster handle in position on seat track (Fig. 17).
(3) Insert stud on seat back frame into recliner.
(4) Install bolt to hold seat back frame to seat track (Fig. 16).
(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.

BUCKET 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) Remove stud on seat back frame from recliner.

REMOVAL AND INSTALLATION (Continued)

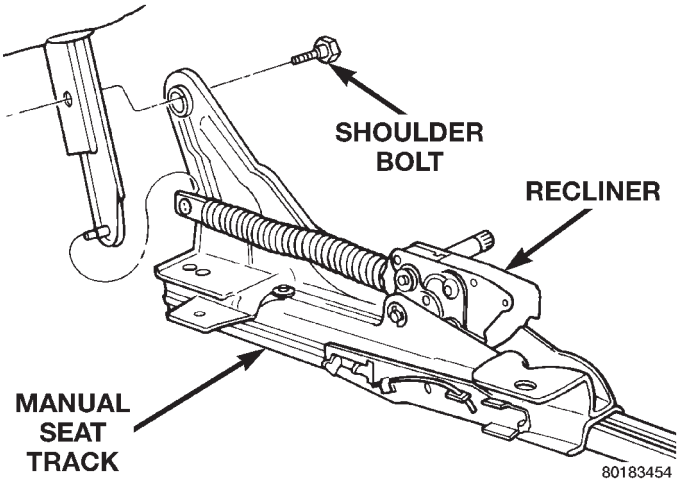

Fig. 16 Bucket Seat Track – Manual

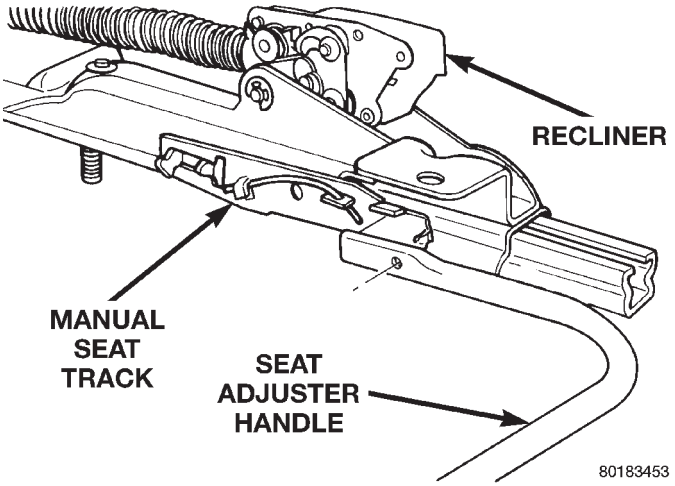

Fig. 17 Seat Track Adjuster Handle

(6) Remove 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.

BUCKET SEAT TRACK FRONT COVER – POWER

REMOVAL

(1) Remove screws holding front cover to seat track (Fig. 18).

(2) Remove front cover from vehicle.

INSTALLATION

(1) Place front cover in position on seat.

(2) Install screws to hold front cover to seat track (Fig. 18).

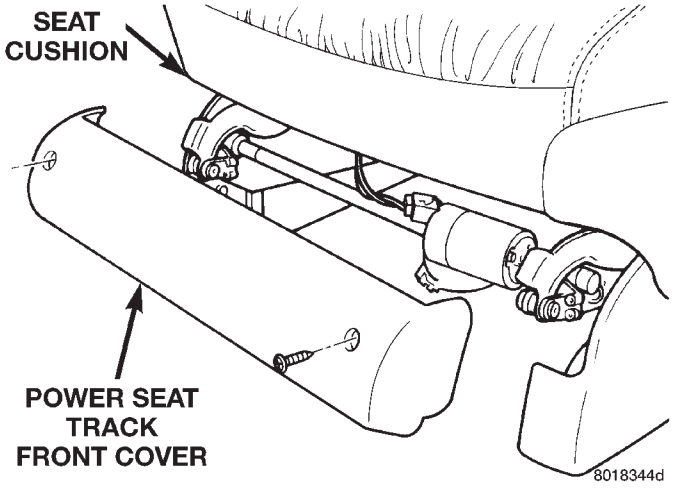

Fig. 18 Bucket Seat Track Front Cover – Power

BUCKET SEAT TRACK REAR COVER – POWER

REMOVAL

(1) Disengage arrowhead retainer from loop strip holding rear cover to power seat track crossbar (Fig. 19).

(2) Disengage fasteners holding rear cover to slots on power seat track.

(3) Remove rear cover from seat.

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. 19).

REMOVAL AND INSTALLATION (Continued)

CHILD RESTRAINT SEAT MODULE

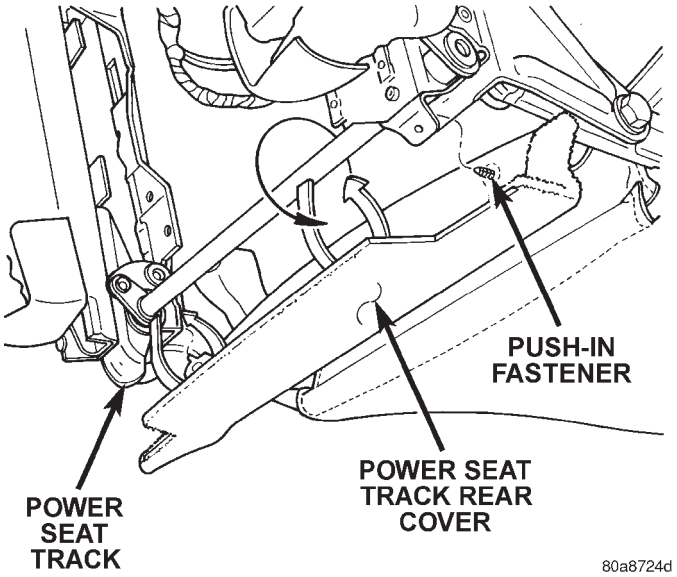

Fig. 19 Bucket Seat Track Rear Cover – Power

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. 20).

(4) Return seat back to upright position.

(5) Disengage push-in fasteners holding upper bolster to child restraint seat module (Fig. 21).

(6) Remove screws holding top of module to seat back frame upper rail (Fig. 22).

(7) Remove child restraint seat module from seat back (Fig. 23).

INSTALLATION

(1) Place child restraint seat module in position on seat back (Fig. 23).

(2) Position seat back hinge interlock lever over the top of the outboard child restraint seat hinge (Fig. 24).

(3) Install screws to hold child restraint seat module hinges to seat back frame lower rail (Fig. 20).

(4) Install screws to hold top of module to seat back frame upper rail (Fig. 22).

(5) Install push-in fasteners to hold upper bolster to child restraint seat module (Fig. 21).

(6) Return seat back to folded position.

(7) Install seat back cover.

(8) Verify child restraint seat operation.

HEAD RESTRAINT – BENCH SEAT

REMOVAL

(1) Lift head restraint to top of travel.

(2) Remove escutcheon from head restraint sleeve.

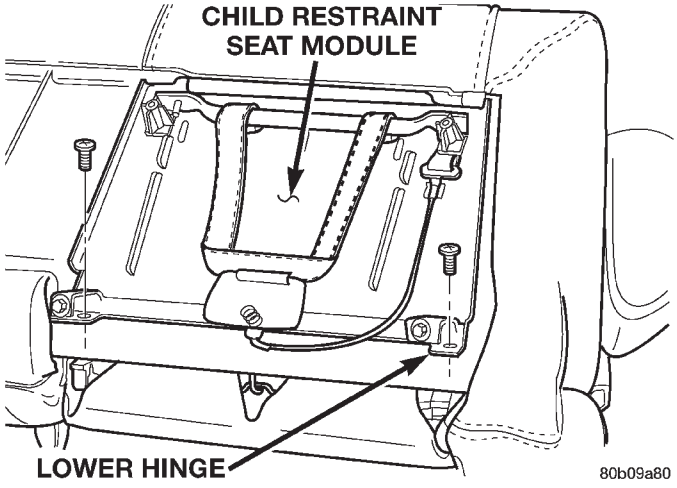

Fig. 20 Child Restraint Seat Lower Hinge

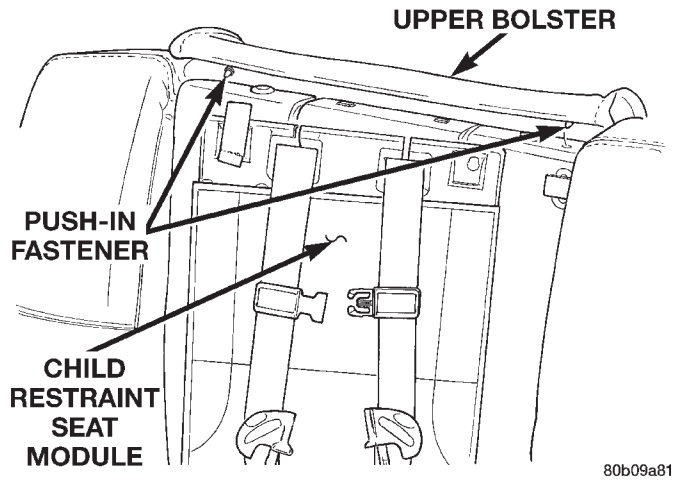

Fig. 21 Child Restraint Seat Upper Bolster

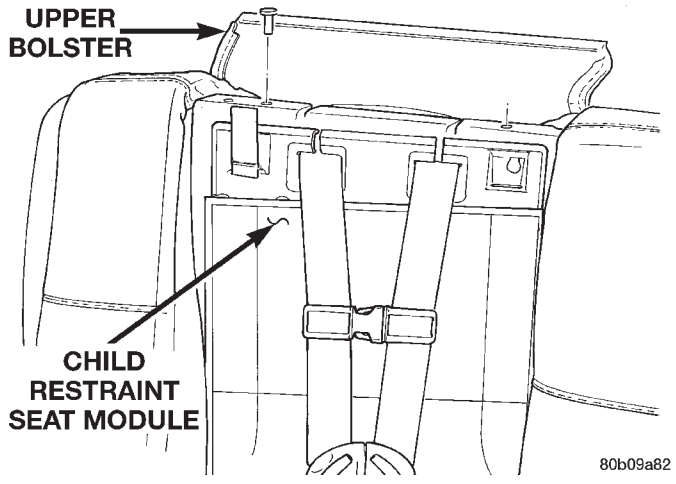

Fig. 22 Child Restraint Seat Upper Screws

(3) Using a small screw driver, depress retainer inward to release head restraint (Fig. 25).

(4) Pull head restraint from top of seat back (Fig. 26).

REMOVAL AND INSTALLATION (Continued)

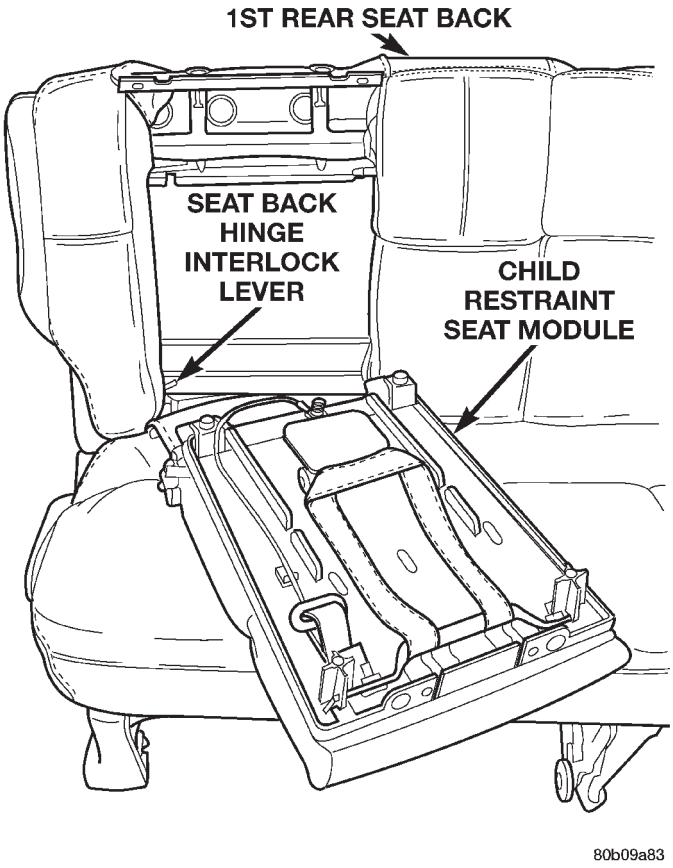

Fig. 23 Child Restraint Seat Module

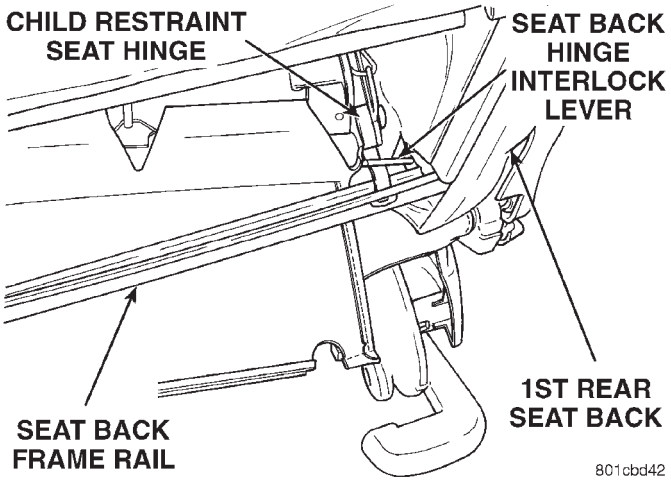

Fig. 24 Interlock Lever

INSTALLATION

(1) Insert retainer and escutcheon into head restraint sleeve (Fig. 27).

(2) Insert head restraint into sleeve. The lock button must be depressed to lower the head rest.

HEAD RESTRAINT – BUCKET SEAT

REMOVAL

(1) Lift head restraint to top of travel.

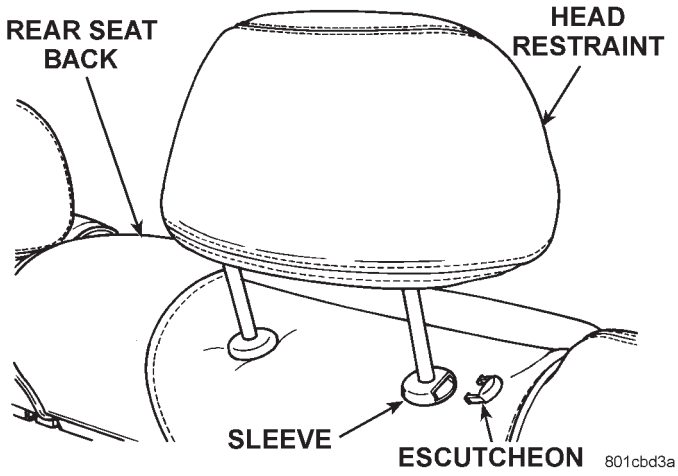

Fig. 25 Head Restraint Sleeve Escutcheon

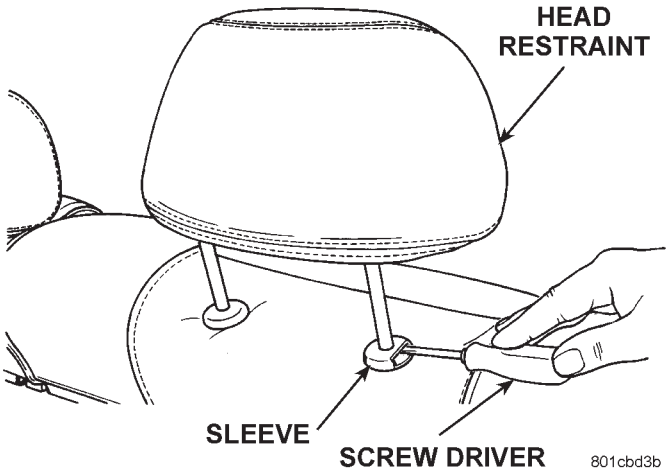

Fig. 26 Release Retainer

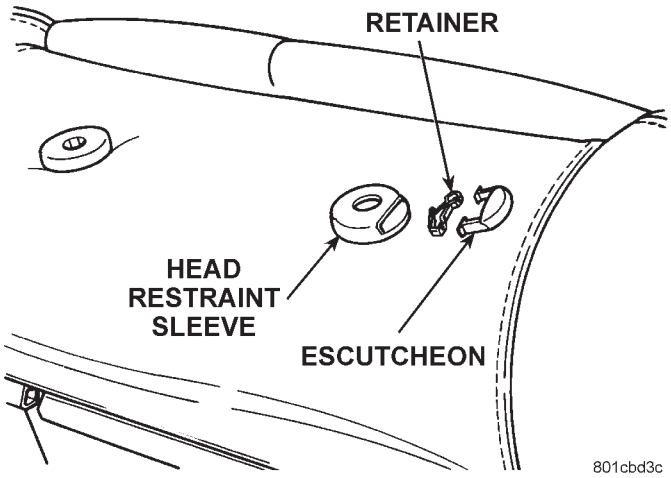

Fig. 27 Install Retainer and Escutcheon

(2) Depress lock button on side of sleeve at top of seat back (Fig. 28).

(3) Pull head restraint from top of seat back.

REMOVAL AND INSTALLATION (Continued)

INSTALLATION

For installation, reverse the above procedures.

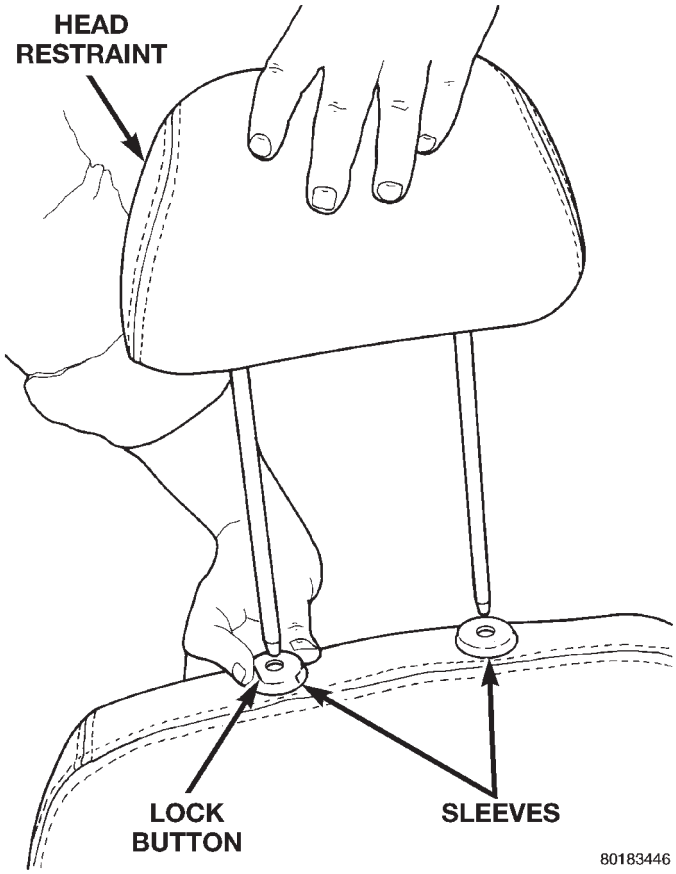

Fig. 28 Head Restraint – Bucket Seat

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. 29).

(5) Pull head restraint sleeve upward and out the top of the seat back frame guide tube (Fig. 30).

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.

(3) Engage closure to hold bottom of trim cover together.

(4) Install head restraint.

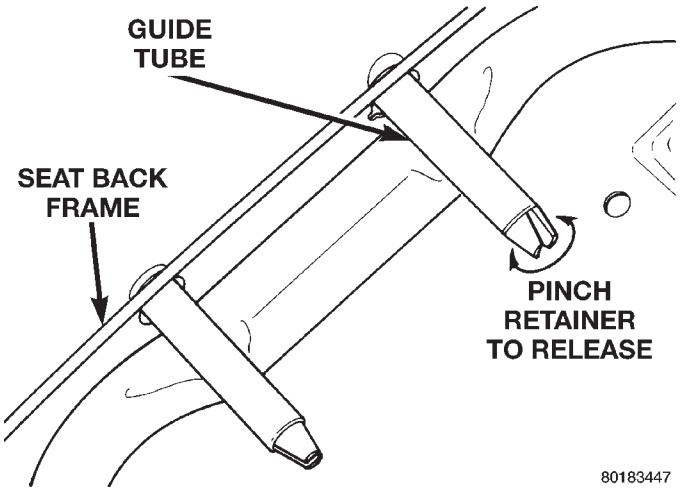

Fig. 29 Head Restraint Sleeve Retainer

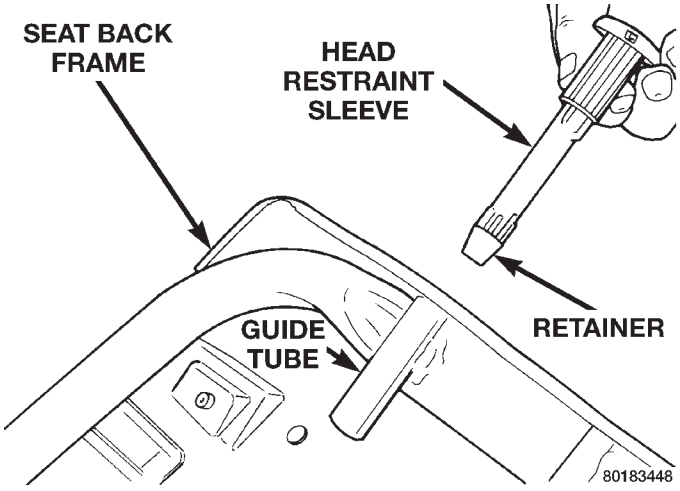

Fig. 30 Head Restraint Sleeve

HEATED SEAT HEATING ELEMENT

Diagnostic information for heated seat heating element is located in Group 8R, Power Seats.

The heating elements are sewn into the covers. To replace a heating element the cushion or back trim covers need to be replaced.

HEATED SEAT MODULE

Diagnostic information for heated seat module is located in Group 8R, Power Seats.

REMOVAL

(1) Remove four bolts attaching seat to the floor pan. Tip seat forward to access the heated seat module.

(2) Disconnect wire connectors from heated seat module.

(3) Pry power seat switch knobs straight off switch.

(4) Remove screws attaching module to the seat pan.

(5) Remove heated seat module.

REMOVAL AND INSTALLATION (Continued)

INSTALLATION

(1) Place heated seat module in position on seat pan.
(2) Install module attaching screws.
(3) Connect module wire connectors.
(4) Install seat.

HEATED SEAT SWITCH

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

REMOVAL

(1) Remove inboard side cover (Fig. 31) and (Fig. 32).
(2) Disconnect wire connector from heated seat switch.
(3) Carefully depress locking legs on switch and push switch free of cover.

INSTALLATION

(1) Place heated seat switch in position on side cover.
(2) Press switch into locked position.
(3) Connect wire connector into heated seat switch.
(4) Install inboard side cover.

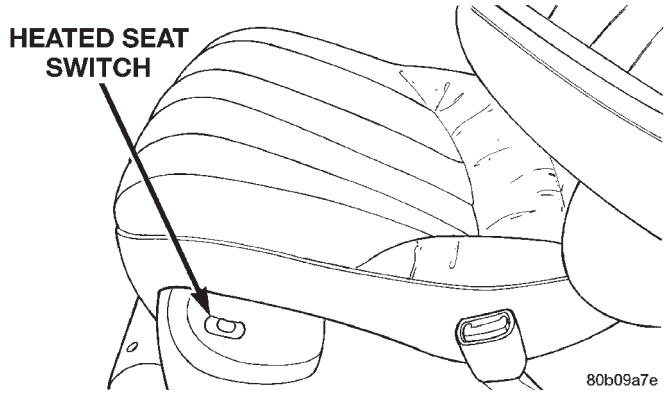

Fig. 31 Right Heated Seat Switch

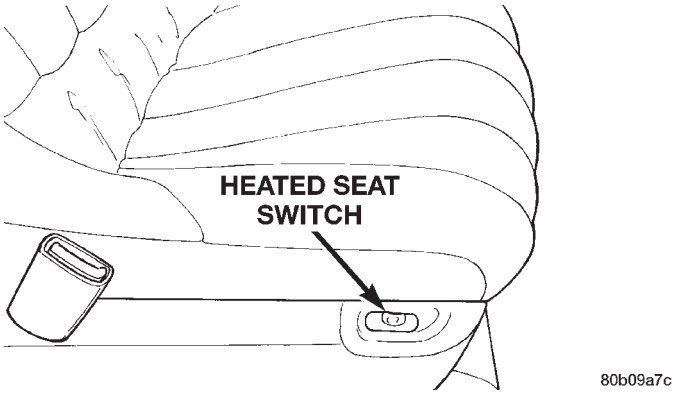

Fig. 32 Left Heated Seat Switch

MECHANICAL LUMBAR HANDLE ASSEMBLY

REMOVAL

(1) Remove screw attaching lumbar handle to seat back (Fig. 33).
(2) Remove seat back assembly from cushion.
(3) Detrim the seat back assembly.
(4) Remove frame and replace.

INSTALLATION

(1) Trim the seat back frame.
(2) Install seat back assembly to cushion.
(3) Install attaching screw to lumbar handle. The handle is to be installed, between two and three O'clock position.
(4) Test lumbar operation.

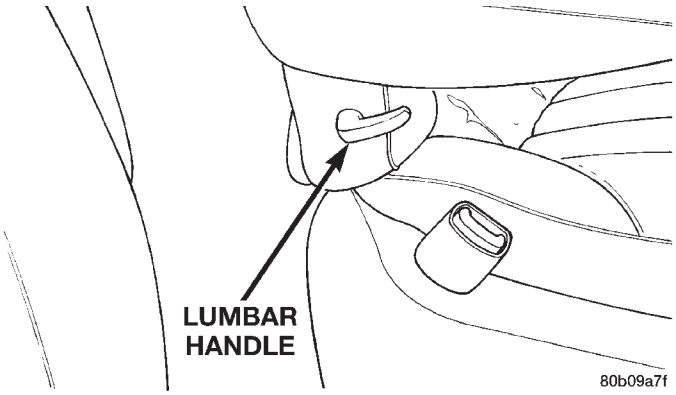

Fig. 33 Lumbar Handle

PLASTIC GROCERY BAG RETAINER

REMOVAL

(1) Remove five screws attaching the plastic grocery bag retainer to the steel slates on the back frame (Fig. 34).
(2) Remove retainer.

INSTALLATION

(1) Place retainer in position.
(2) Install attaching screws.

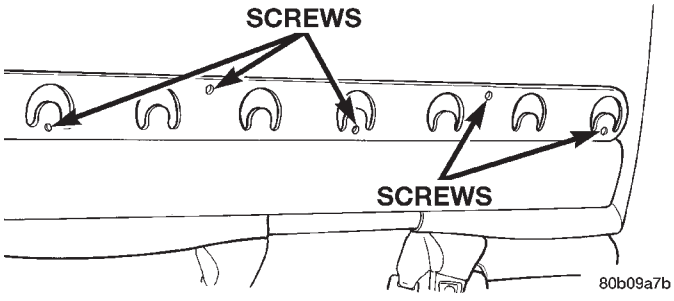

Fig. 34 Plastic Grocery Bag Retainer

REMOVAL AND INSTALLATION (Continued)

POWER SEAT SWITCH

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

REMOVAL

(1) Remove seat cushion side cover.

(2) Disconnect wire connector from power seat switch.

(3) Pry power seat switch knobs straight off switch (Fig. 35).

(4) Remove screws holding power seat switch to side cover (Fig. 36).

(5) Remove 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. 36).

(3) Push power seat switch knobs straight on switch (Fig. 35).

(4) Connect wire connector into power seat switch.

(5) Install seat cushion side cover.

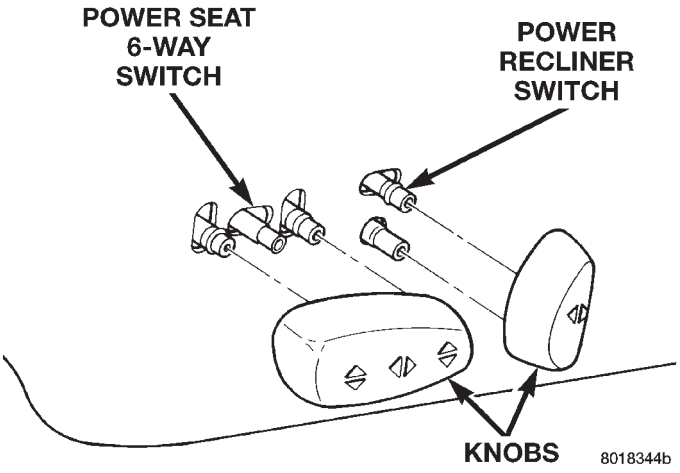

Fig. 35 Power Seat Switch Knobs

RECLINER HANDLE – MANUAL

REMOVAL

(1) Remove screw holding recliner handle to recliner spline shaft (Fig. 37).

(2) Remove 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. 37).

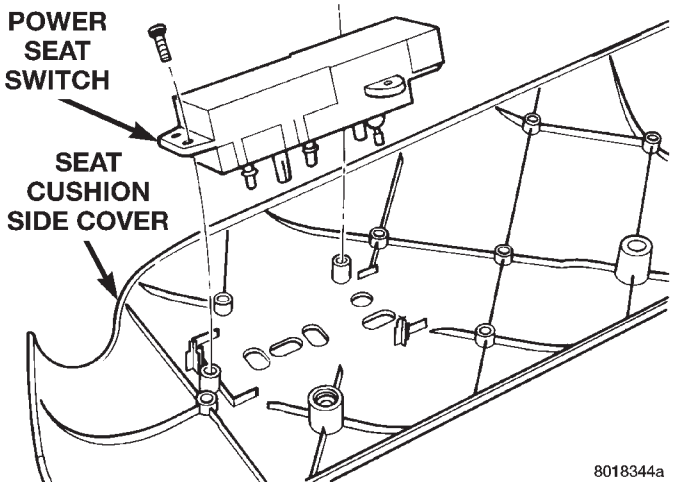

Fig. 36 Power Seat Switch

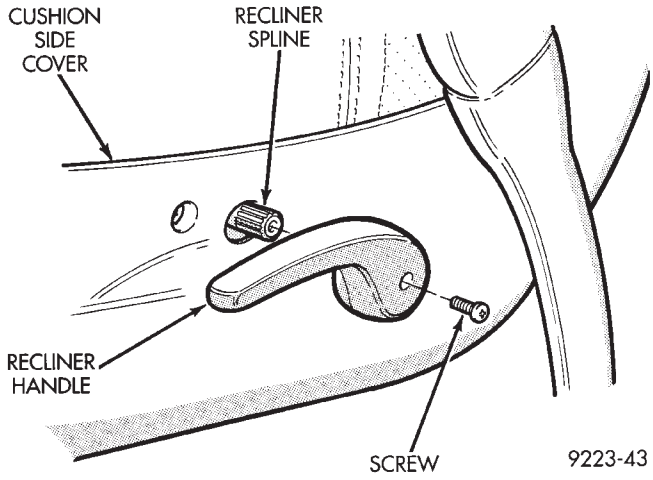

Fig. 37 Recliner Handle – Manual

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. 38).

(3) Pull storage bin from bucket seat riser.

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.

REMOVAL AND INSTALLATION (Continued)

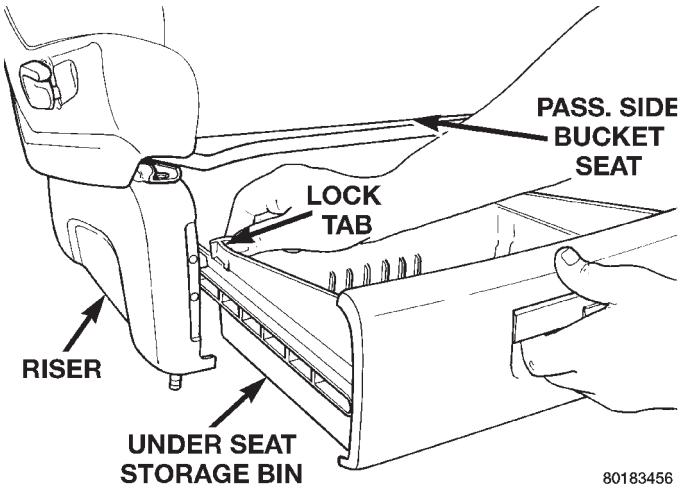

Fig. 38 Storage Bin

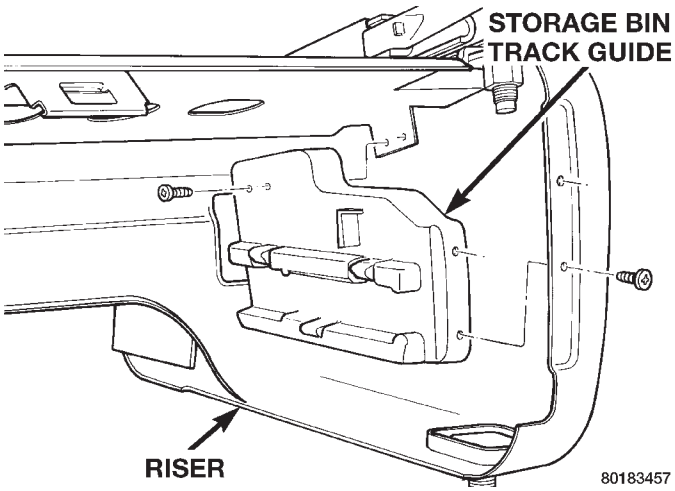

Fig. 39 Under Seat Storage Bin Guide

UNDER SEAT STORAGE BIN GUIDE

REMOVAL

(1) Remove under seat storage bin.

(2) Remove screws holding storage bin track guide to seat riser (Fig. 39).

(3) Remove 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. 39).

(3) Install under seat storage bin.

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. 40).

(3) Remove 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. 40).

(3) Verify under seat storage bin latch operation.

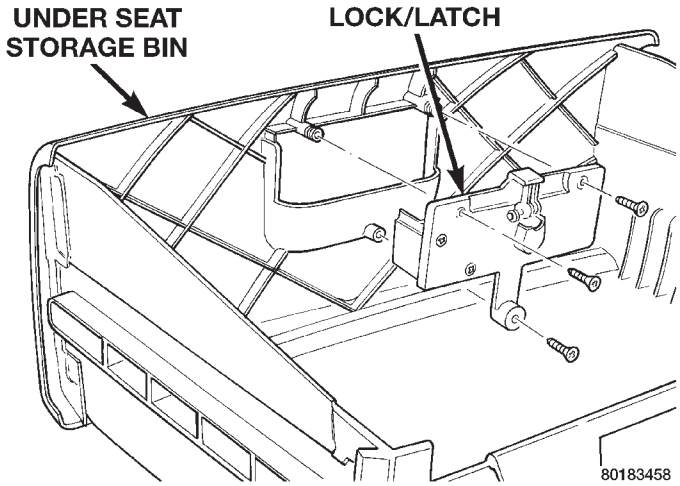

Fig. 40 Under Seat Storage Bin Lock/Latch

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.

DIAGNOSIS AND TESTING (Continued)

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

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

MIRROR INSPECTION METHOD

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

BRIGHT LIGHT LEAK TEST METHOD

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

PRESSURIZED LEAK TEST METHOD

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

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.

SERVICE PROCEDURES

HEAT STAKING

(1) Remove trim panel.

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

(3) Heat stake the components.

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

(b) If the heat staked material is broken or missing, use a hot glue gun to apply new material to the area to be repaired. The panels that are being heat staked must be held together while the applying the glue. Once the new material is in place, it

SERVICE PROCEDURES (Continued)

may be necessary to use a soldering gun to melt the newly applied material. Do not over heat the affected area, damage to the exterior of the trim panel may occur.

(4) Allow the repaired area to cool and verify the repair.

(5) Install trim panel.

REMOVAL AND INSTALLATION

A-PILLAR LOWER EXTENSION TRIM

REMOVAL

(1) Remove instrument panel side cover.

(2) Remove screw holding A-pillar extension to door hinge pillar.

(3) Remove A-pillar extension trim from vehicle (Fig. 1).

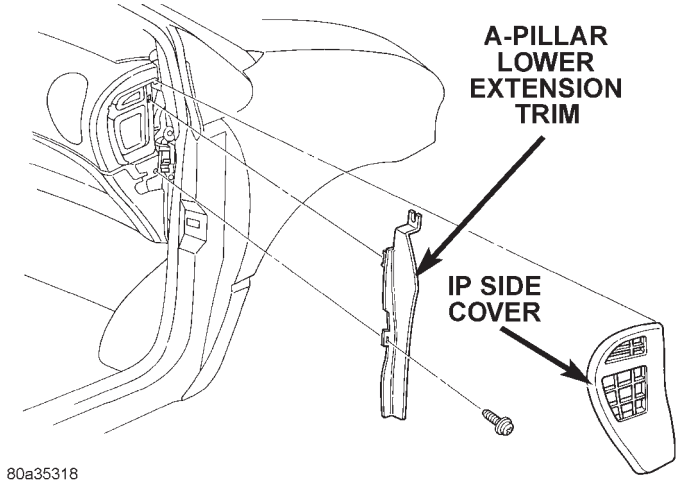


Fig. 1 A-pillar Lower Extension Trim

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.

A-PILLAR TRIM PANEL

REMOVAL

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

(2) Remove 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.

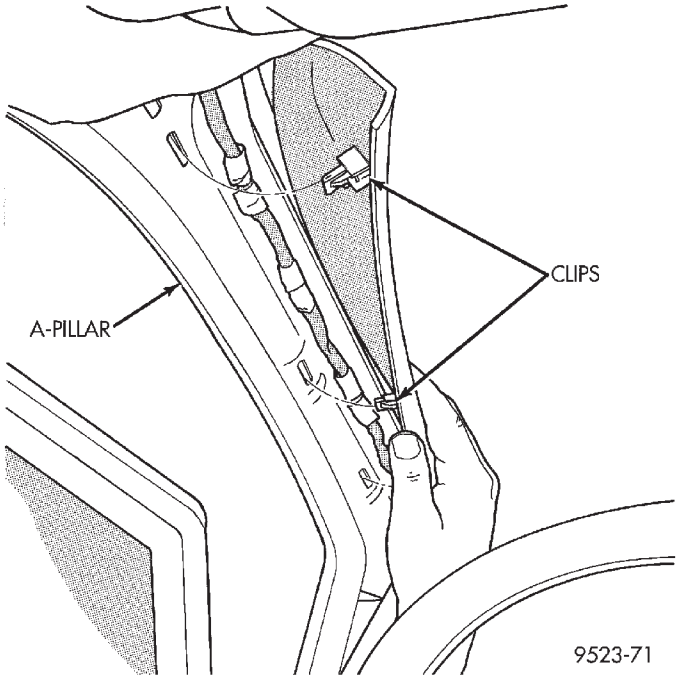


Fig. 2 A-pillar Trim

COWL COVER

WARNING: No fingers or tools should be put under the cowl cover while the wiper motor is operating.

REMOVAL

(1) Remove wiper arms. Refer to Group 8K, Windshield Wipers and Washers for proper procedures.

(2) Remove screws holding lower area of cowl cover to wiper module (Fig. 3).

(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. 4).

(7) Lift cowl cover upward enough to gain access to right washer hose.

(8) Disconnect washer hose from right washer nozzle.

(9) Close hood. Do not latch.

(10) Remove cowl cover from vehicle.

INSTALLATION

For installation, reverse the above procedures.

COWL TRIM

REMOVAL

(1) Remove door sill plate.

(2) Disengage hidden clips holding cowl trim to cowl panel (Fig. 5).

(3) Remove cowl trim from vehicle.

REMOVAL AND INSTALLATION (Continued)

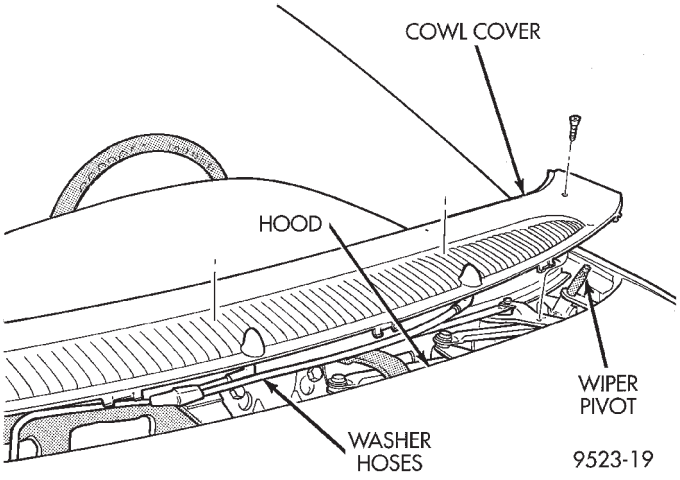


Fig. 3 Cowl Cover

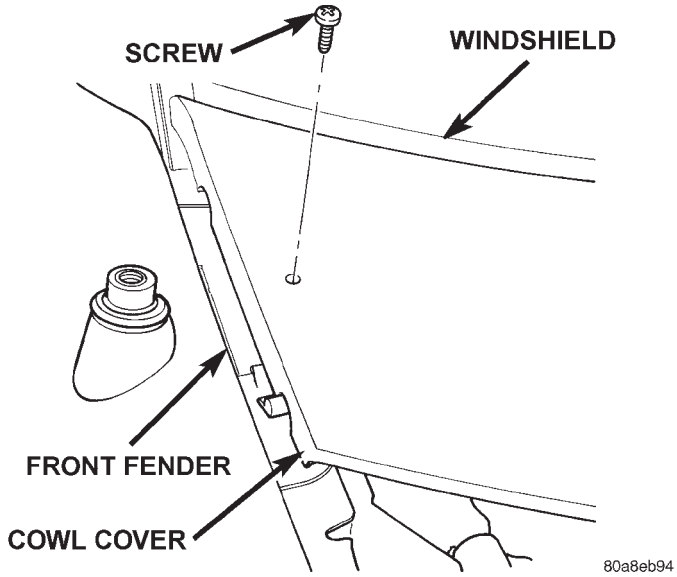


Fig. 4 Cowl Cover Retainers

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.

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.

(7) Remove rear door sill plate.

(8) Remove lower B-pillar trim covers.

(9) Remove D-pillar trim covers.

(10) Remove Quarter trim panels.

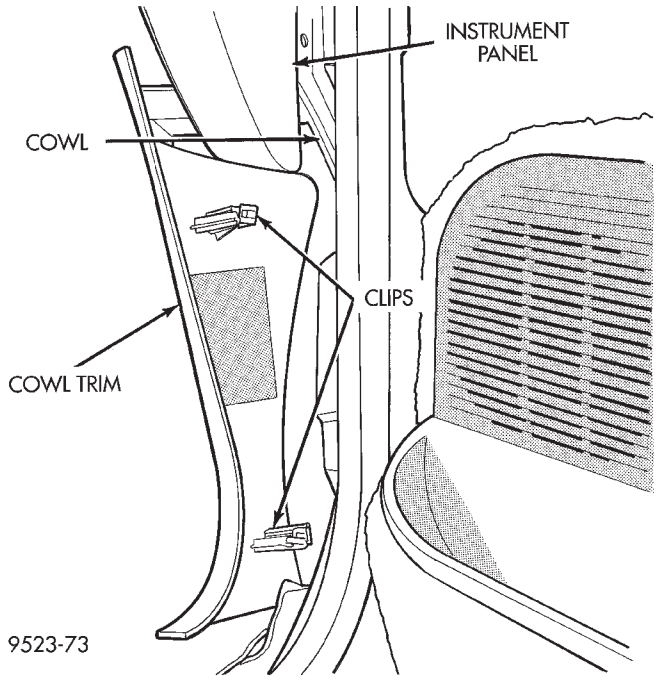


Fig. 5 Cowl Trim

(11) Remove floor escutcheons (Fig. 6).

(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. 7).

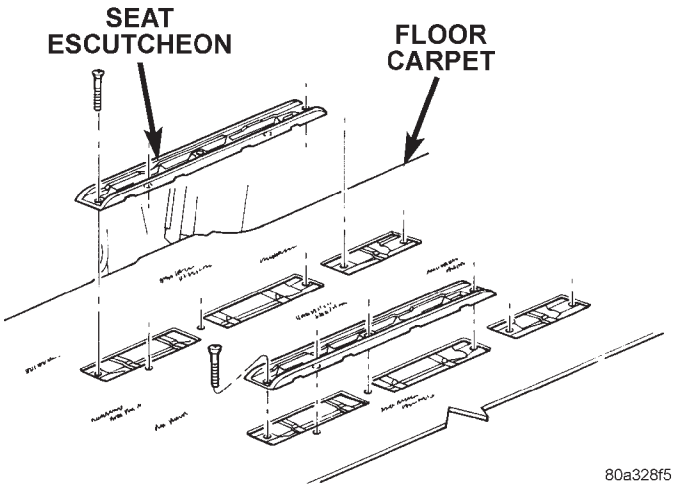


Fig. 6 Seat Escutcheons

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 through carpet and grommet into floor to hold carpet to floor in front seat area.

REMOVAL AND INSTALLATION (Continued)

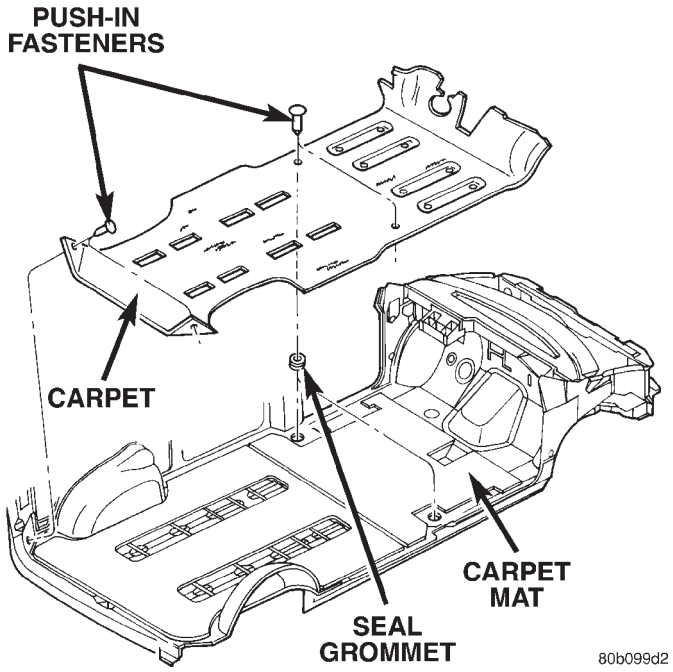


Fig. 7 Floor Carpet

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.

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) Disconnect positive lock slide on the side of the wire connectors (Fig. 8).
(5) Depress lock tab holding wire connector halves together.
(6) Disconnect door harness from body wiring harness.
(7) Remove bolts holding door check strap to A-pillar (Fig. 9).
(8) Support door on suitable lifting device.
(9) Remove bolts holding lower hinge to door end frame (Fig. 10).
(10) Steady door on lifting device and remove bolts holding upper hinge to door end frame.
(11) Remove door from vehicle.

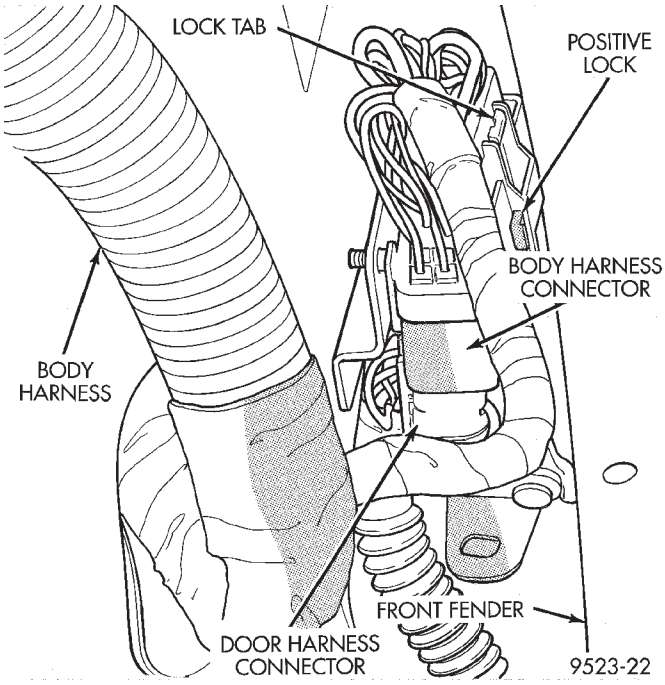


Fig. 8 Front Door Wire Connectors

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.

REMOVAL AND INSTALLATION (Continued)

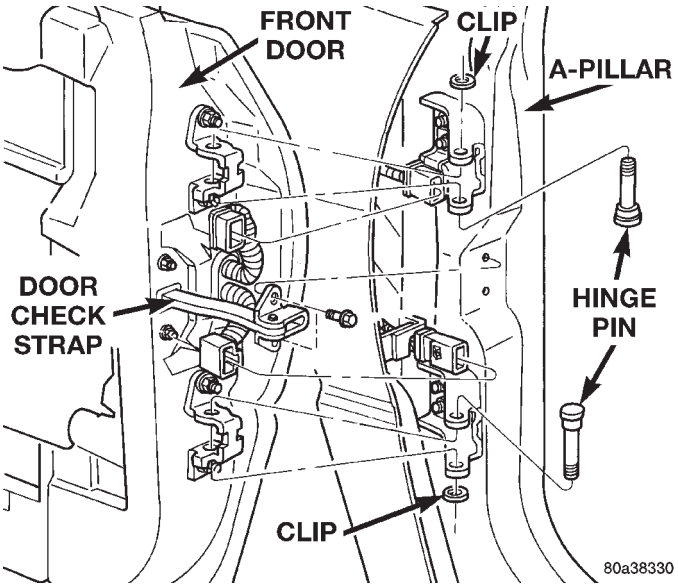


Fig. 9 Front Door – Hinge Pin Removal

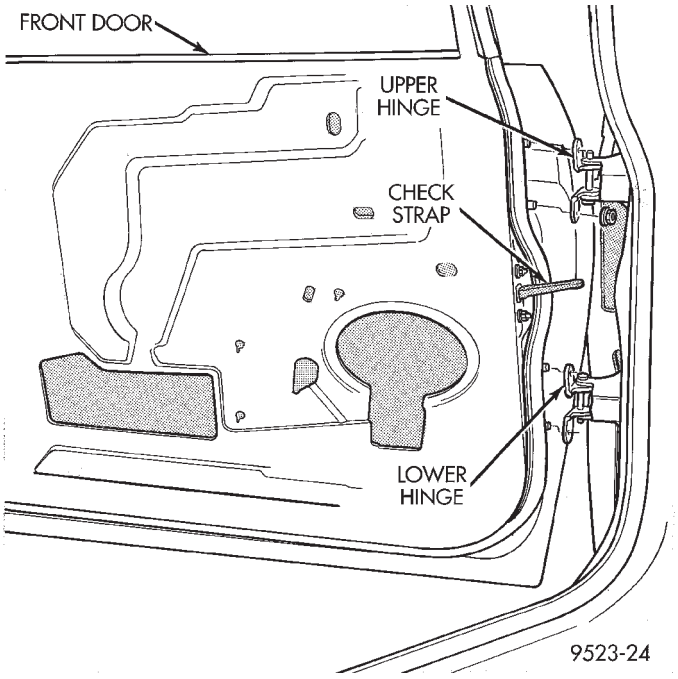


Fig. 10 Front Door – Hinge Bolt Removal

(6) Connect door harness into body wiring harness.

(7) Connect positive lock slide on the side of the wire connectors.

(8) Connect 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 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) Remove applique from vehicle (Fig. 11).

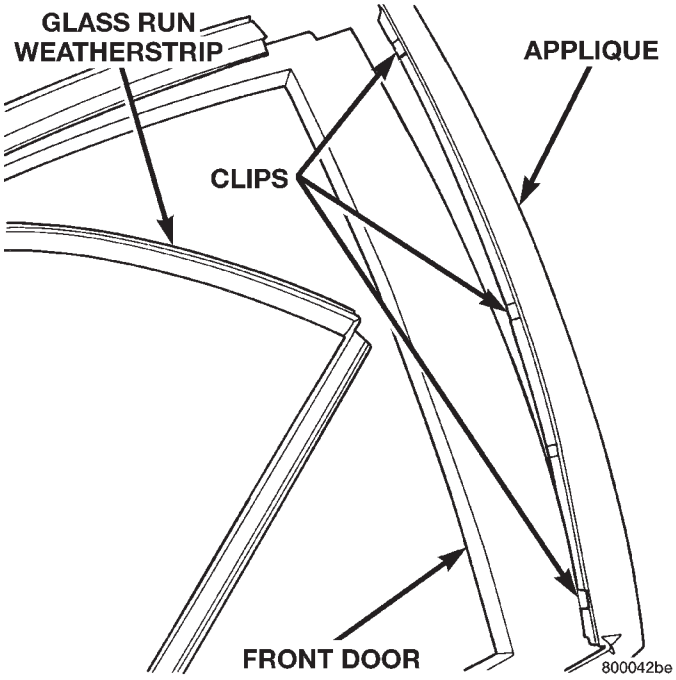


Fig. 11 Front Door Applique

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.

FRONT DOOR CHECK STRAP

REMOVAL

(1) Remove front door trim panel.

(2) Remove door speaker, if equipped.

(3) Remove bolts attaching door check strap to A-pillar (Fig. 9).

(4) Remove nuts attaching check strap to door end frame (Fig. 12).

(5) Remove check strap from door through speaker hole.

REMOVAL AND INSTALLATION (Continued)

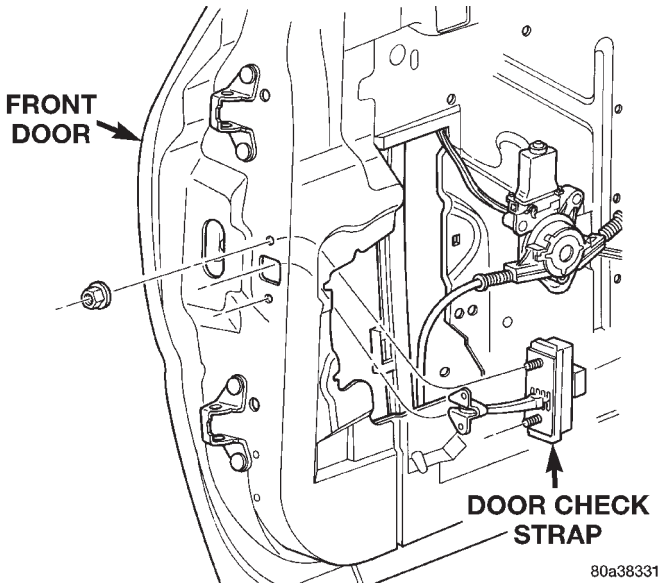


Fig. 12 Front Door Check Strap

INSTALLATION

(1) Position check strap on door through speaker hole.

(2) Install nuts to attach check strap to door end frame.

(3) Install bolts to attach check strap to A-pillar.

(4) Install door speaker, if equipped.

(5) Install front 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 close-out molding from window frame channel (Fig. 13).

(3) Remove closeout molding from vehicle.

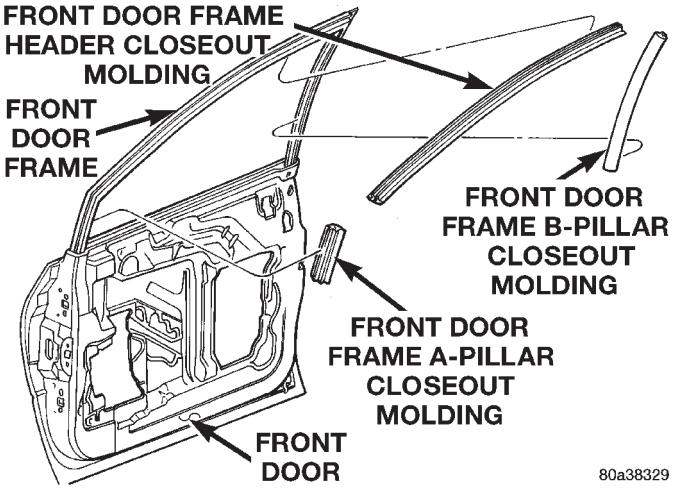


Fig. 13 Front Door Frame Closeout Moldings

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.

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. 14).

(7) Remove glass from regulator lift plates.

(8) Disengage glass from glass run weather-strip.

(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. 15).

(11) Remove glass from vehicle.

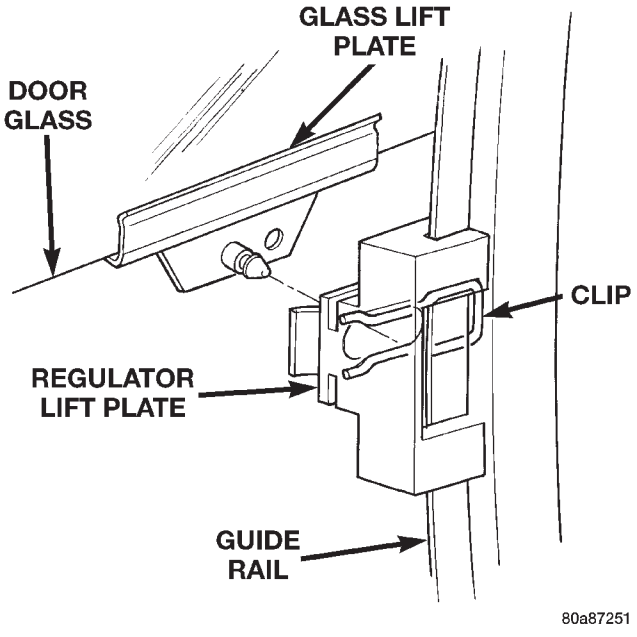


Fig. 14 Front Door Glass Clips

INSTALLATION

(1) Install clips that hold door glass to regulator lift plates (Fig. 14).

(2) Place glass in window opening with front inserted between run channel and outer door panel (Fig. 15).

REMOVAL AND INSTALLATION (Continued)

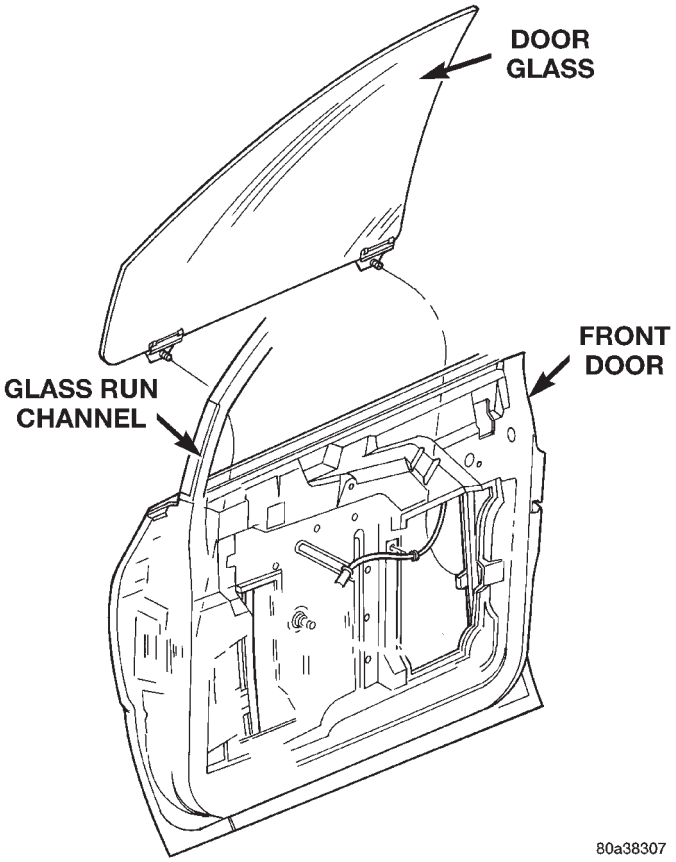


Fig. 15 Front Door Glass

(3) Lower glass downward into door.
(4) Insert ends of glass into glass run weather-strip 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.

FRONT DOOR GLASS RUN WEATHER-STRIP

REMOVAL

(1) Remove door frame closeout moldings.
(2) Pull weather-strip from glass run channel at rear of door frame, working from the bottom to the top.
(3) Disengage clip holding weather-strip to door frame.
(4) Pull weather-strip from lip along top of door frame (Fig. 16).
(5) Remove door trim panel.
(6) Remove door speaker, if equipped.
(7) Remove watershed as necessary to gain access to screw holding front lower corner of glass run weather-strip to inner door panel.
(8) Remove screw holding glass run weather-strip to inner door panel.
(9) Remove inner belt weather-strip.
(10) Pull weather-strip from front glass run channel.
(11) Remove glass run weather-strip from vehicle.

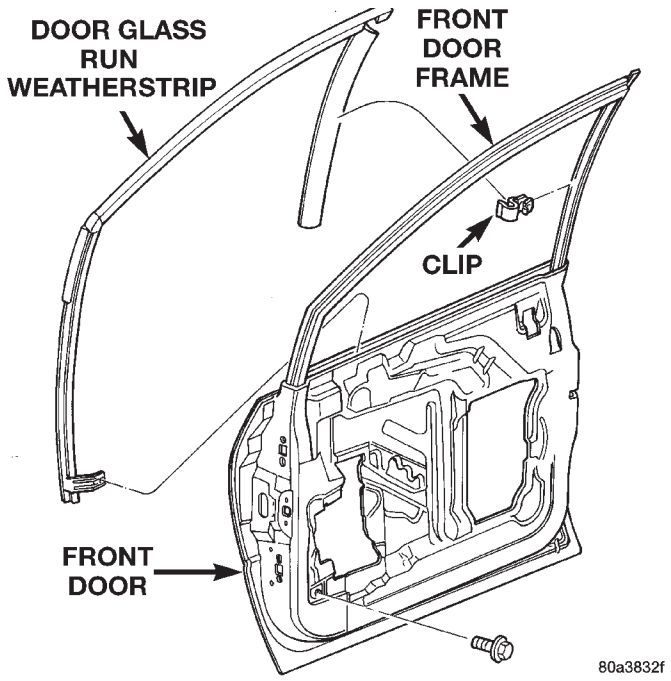


Fig. 16 Front Door Glass Run Weather-strip

INSTALLATION

(1) Position glass run weather-strip on vehicle.
(2) Push weather-strip into front glass run channel.
(3) Install screw to hold glass run weather-strip to inner door panel.
(4) Install inner belt weather-strip.
(5) Install watershed.
(6) Push weather-strip groove onto lip along top of door frame.
(7) Engage clip into slot in door frame.
(8) Push weather-strip 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 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.

REMOVAL AND INSTALLATION (Continued)

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) Remove 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 INNER BELT MOLDING

REMOVAL

(1) Remove door trim panel.
(2) Peel upper corner seals away form 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. 17).
(4) Remove inner belt molding from vehicle.

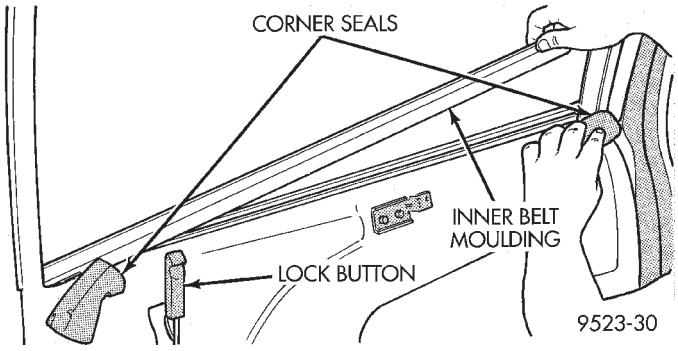


Fig. 17 Front Door Inner Belt Molding

INSTALLATION

(1) Place inner belt molding in position on door.
(2) Push inner belt molding downward to engage retaining channel onto door panel flange.
(3) Install upper corner seals in proper location.
(4) Install door trim panel.

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) Remove linkages from door latch.
(7) Remove screws holding door latch to door end frame (Fig. 18).
(8) Remove door latch from door.

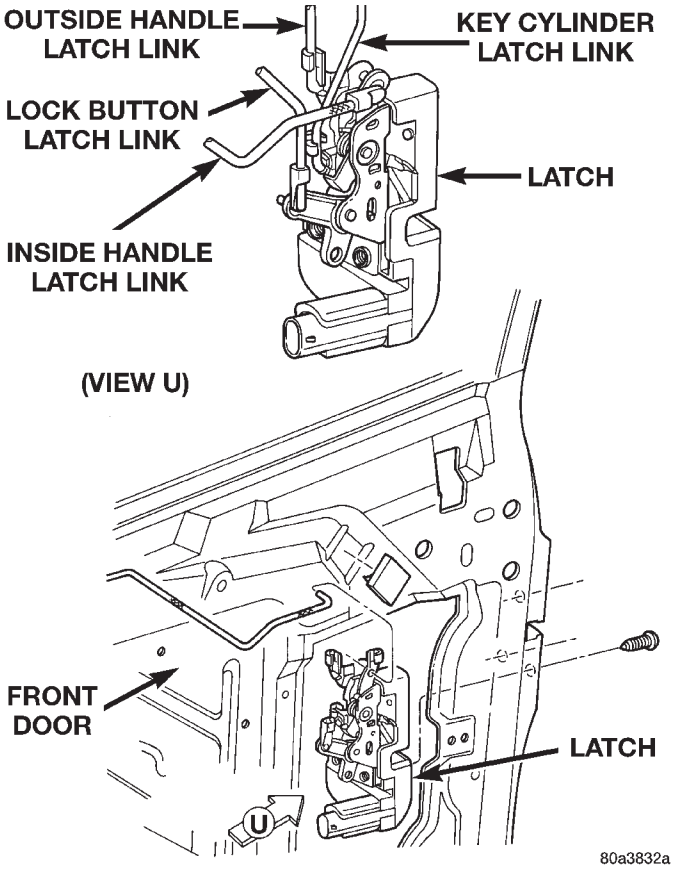


Fig. 18 Front Door Latch

REMOVAL AND INSTALLATION (Continued)

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) Connect wire connector into power door lock motor, if equipped.
(6) Insert a hex wrench through the elongated hole located in the door shut face above the latch.
(7) Loosen allen head screw.
(8) Pull outward on the outside door handle and release.
(9) Tighten allen head screw.
(10) Verify door latch and power door lock operation.
(11) Install water shield and front door trim panel.

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. 19).
(3) Remove door latch striker from vehicle.
(4) Retrieve any shims found between latch striker and B-pillar.

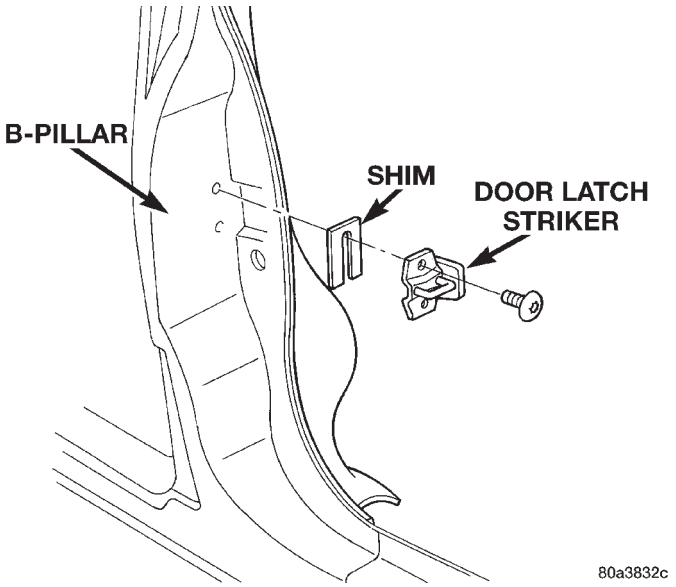


Fig. 19 Door Latch Striker

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 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, disconnect vehicle theft Security System (VTSS) switch connector from door harness, if equipped.
(4) Disengage push-in fasteners holding VTSS switch harness to inner door reinforcement bar, if equipped.
(5) Disengage clip holding door latch linkage to door latch.
(6) Remove latch linkage from latch.
(7) Disengage clip holding door lock linkage to door latch.
(8) Remove lock linkage from latch.
(9) Remove nuts holding outside door handle to door outer panel (Fig. 23).
(10) Remove outside door handle from vehicle.
(11) Disengage clip holding lock cylinder into outside handle (Fig. 20).
(12) Pull lock cylinder from door handle.

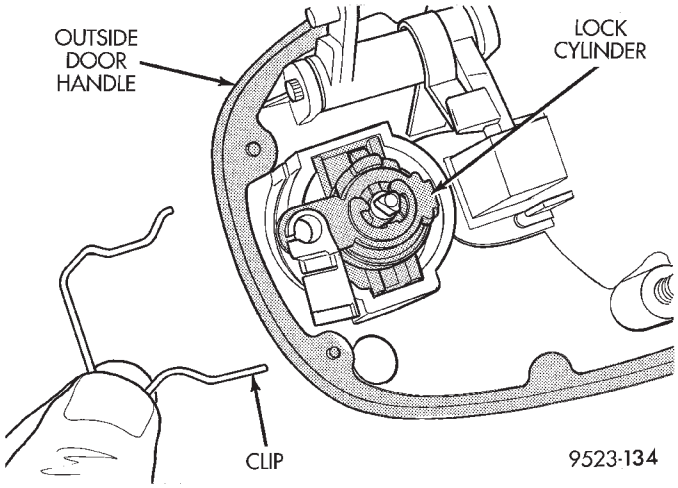


Fig. 20 Remove Front Door Lock Cylinder

REMOVAL AND INSTALLATION (Continued)

INSTALLATION

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

(2) With link arm toward rear of vehicle, push lock cylinder into door handle until clip snaps into place (Fig. 21).

(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) Install push-in fasteners to hold VTSS switch harness to inner door reinforcement bar, if equipped.

(8) Connect VTSS switch connector into door harness, if equipped.

(9) Verify door latch operation.

(10) Install water shield and door trim panel.

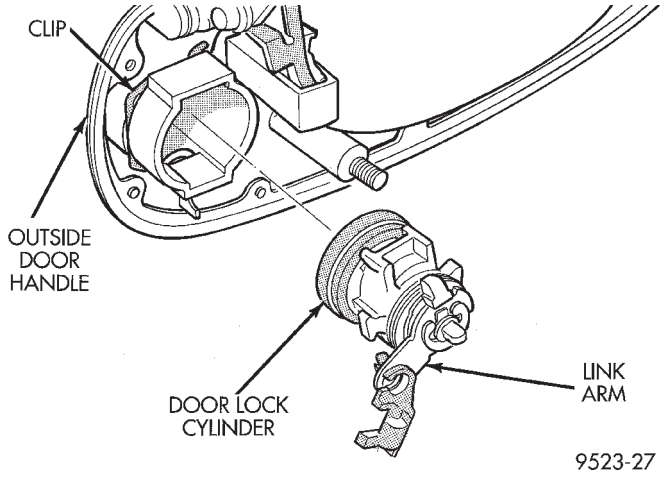


Fig. 21 Install Front Door Lock Cylinder

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. 22).

(4) Remove belt molding from door.

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.

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.

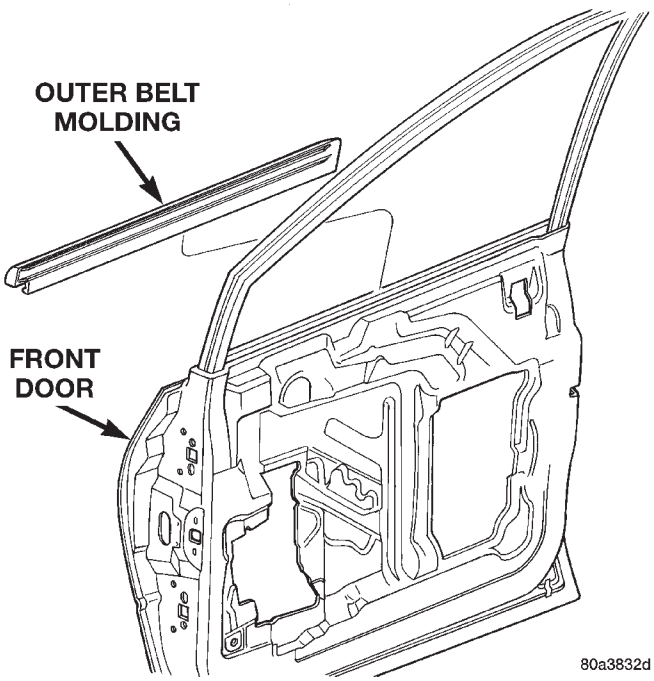


Fig. 22 Front Door Outer Belt Molding

(3) Through access hole at rear of inner door panel, disconnect vehicle theft Security System (VTSS) switch connector from door harness, if equipped.

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

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

(6) Remove latch linkage from latch.

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

(8) Remove lock linkage from latch.

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

(10) Remove outside door handle from vehicle.

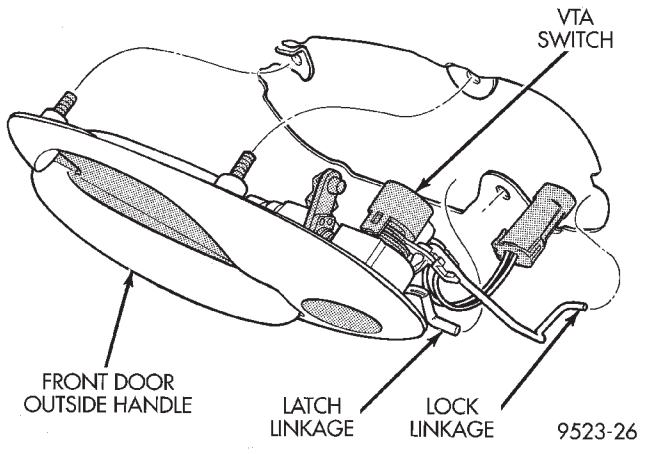


Fig. 23 Front Door Outside Handle

REMOVAL AND INSTALLATION (Continued)

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) Install push-in fasteners to hold VTSS switch harness to inner door reinforcement bar, if equipped.

(8) Connect VTSS switch connector into door harness, if equipped.

(9) Verify door latch operation.

(10) Install water shield and door trim panel.

FRONT DOOR REFLECTOR

REMOVAL

(1) Insert small, flat bladed pry tool between outer edge of door reflector and HVAC outlet vent.

(2) Pry outward on outer edge of reflector.

(3) Remove reflector from vehicle (Fig. 24).

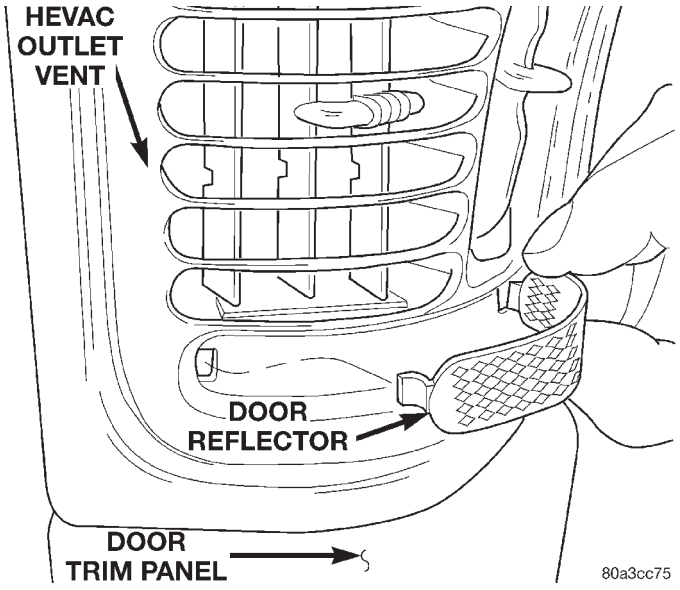


Fig. 24 Front Door Reflector

INSTALLATION

(1) Position reflector on vehicle.

(2) Insert inner edge of reflector into slot in HVAC outlet vent.

(3) Snap outer edge of reflector into slot in HVAC outlet vent.

FRONT DOOR SILL PLATE

REMOVAL

(1) Using trim stick (C-4755), disengage hidden clips holding door sill plate from door sill.

(2) Remove sill plate from vehicle (Fig. 25).

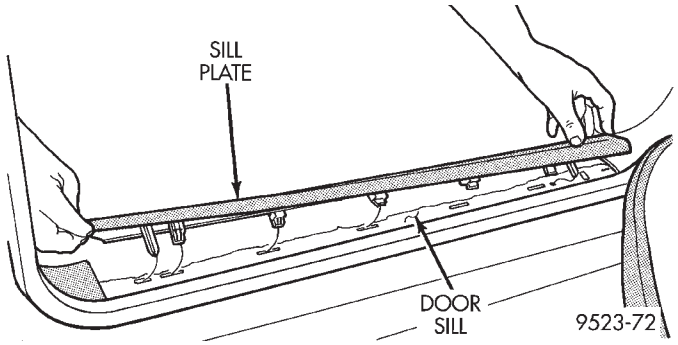


Fig. 25 Door Sill Plate

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.

FRONT DOOR TRIM PANEL

REMOVAL

(1) Using a trim stick (C-4755), pry courtesy lamp from door trim.

(2) Disconnect wire connector from courtesy lamp.

(3) If equipped, remove screws attaching door assist handle to inner door panel.

(4) If equipped, remove screw attaching door pull cup to inner door panel.

(5) If equipped, remove screws attaching 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 attaching switch panel to door trim.

(9) Remove power accessary switch from door trim (Fig. 26).

(10) Disconnect power switch from wire connector.

(11) If equipped, using a small, flat bladed pry tool, remove memory seat/mirror switch and disconnect wire connector (Fig. 27).

(12) If equipped, remove screw holding door trim to door panel from behind inside latch release handle.

(13) Disengage clips attaching door trim to door frame around perimeter of panel (Fig. 28).

(14) Lift trim panel upward to disengage flange from inner belt molding at top of door.

REMOVAL AND INSTALLATION (Continued)

(15) Tilt top of trim panel away from door to gain access to latch linkage.

(16) Disengage clip attaching linkage rod to inside latch release handle (Fig. 29).

(17) Separate linkage rod from latch handle.

(18) Remove front door trim panel from vehicle.

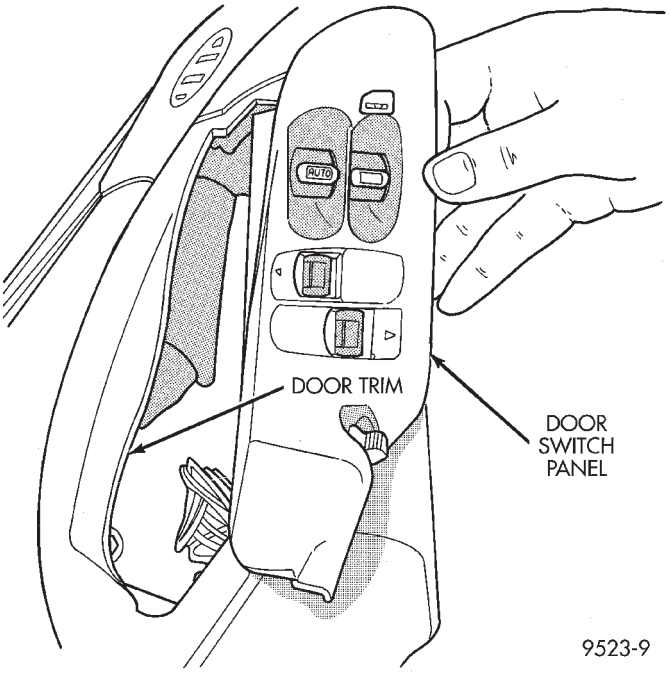


Fig. 26 Front Door Switch Panel

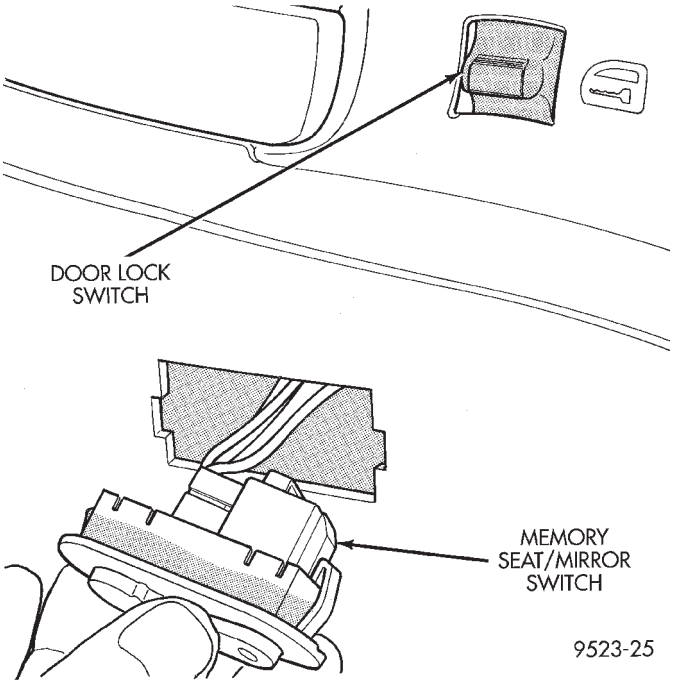


Fig. 27 Memory Seat/Mirror Switch

INSTALLATION

(1) Hold top of trim panel away from door to gain access to latch linkage.

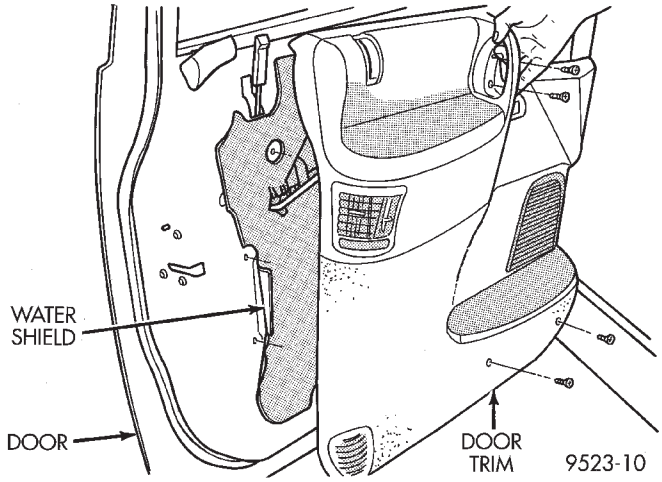


Fig. 28 Front Door Trim Panel

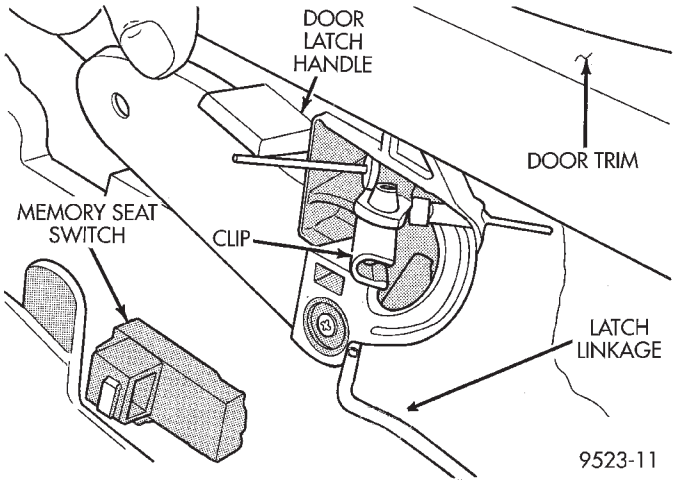


Fig. 29 Inside Door Handle Linkage

(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) Install trim panel into inner belt molding at top of door.

(6) Install clips to attach door trim to door frame around perimeter of panel.

(7) If equipped, install screw to attach door trim to door panel behind inside latch release handle.

(8) If equipped, connect power switch into wire connector.

(9) Place power accessary switch in position on door trim.

(10) Connect wire connector into memory seat/mirror switch and install switch into trim panel.

(11) Install screws to attach accessary switch panel to door trim.

(12) Install screw cover into switch panel.

(13) If equipped, install window crank.

(14) If equipped, install screws to attach trim panel to door inside map pocket.

REMOVAL AND INSTALLATION (Continued)

(15) If equipped, install screw to attach door pull cup to inner door panel.

(16) If equipped, install screws to attach door assist handle to inner door panel.

(17) Connect wire connector into courtesy lamp.

(18) Install lamp in door trim.

FRONT DOOR WEATHER-STRIP

REMOVAL

(1) Open front door.

(2) Using fork tool (C-4829), remove push-in fasteners holding front door weather-strip to end frames and bottom of door (Fig. 30).

(3) Pull weather-strip from retaining channel around window frame.

(4) Remove weather-strip from vehicle.

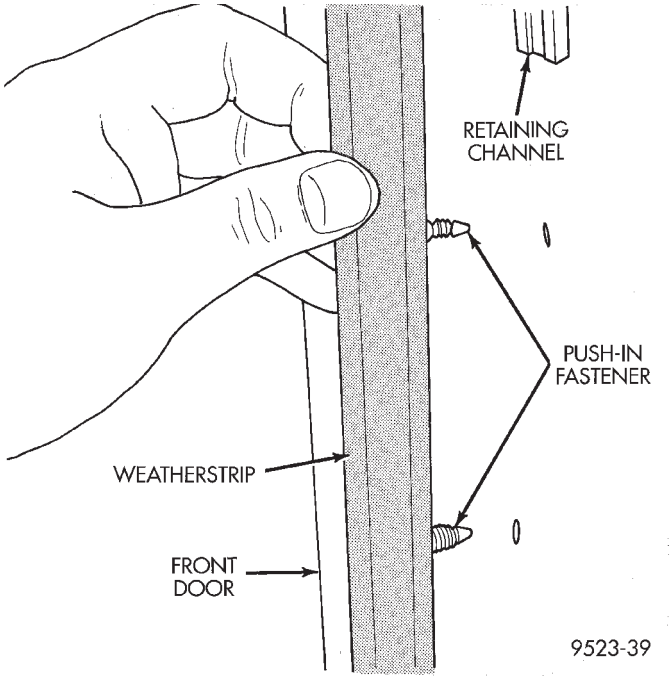


Fig. 30 Front Door Weather-strip

INSTALLATION

For installation, reverse the above procedures.

FRONT DOOR WINDOW CRANK

REMOVAL

(1) Using a suitable tool, disengage clip holding window crank to regulator shaft (Fig. 31).

(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.

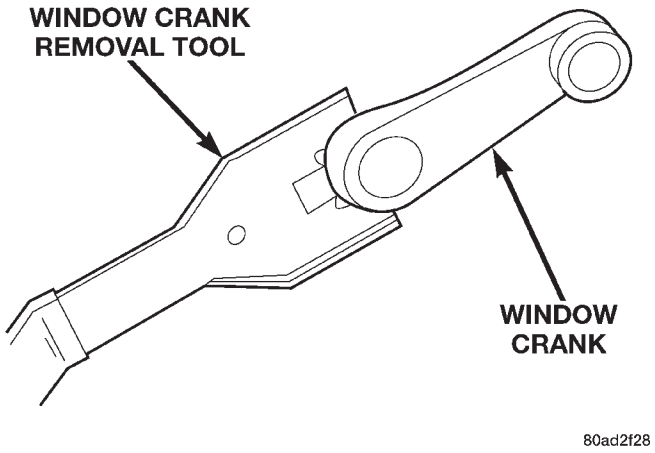


Fig. 31 Window Crank

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) Disconnect wire connector from power window motor, if equipped. Refer to Group 8S, Power Windows, for proper procedures.

(4) Loosen screws attaching front and rear window guide rails to inner door panel (Fig. 32).

(5) Remove screw heads on guide rails from key hole slots in inner door panel.

(6) Loosen screws attaching 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.

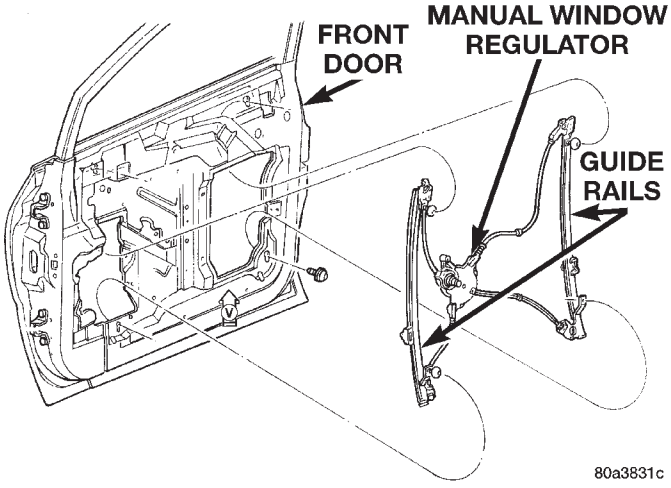


Fig. 32 Front Door Manual Window Regulator

REMOVAL AND INSTALLATION (Continued)

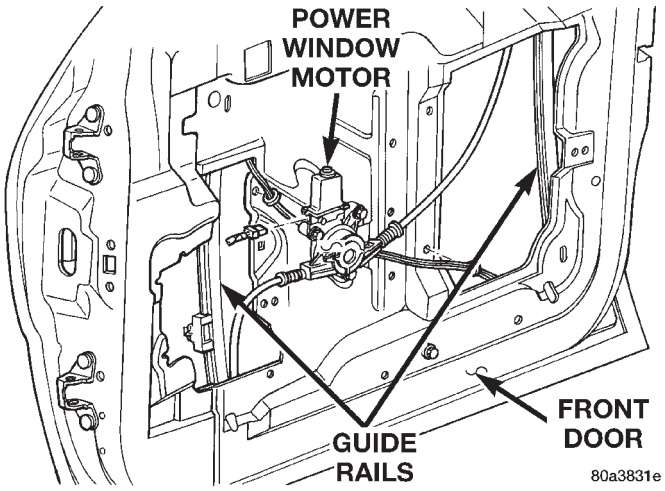


Fig. 33 Front Door Power Window Regulator

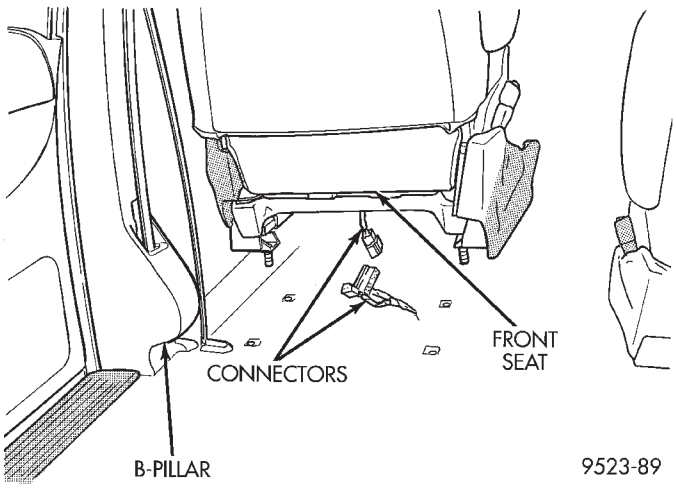


Fig. 34 Front Seat

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 attach front and rear guide rails to inner door panel.

(6) Connect 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 SEAT

REMOVAL

(1) From under vehicle, remove nuts attaching front seat risers to the floor.

(2) Remove seat and riser from floor (Fig. 34).

(3) Tip seat rearward and disconnect wire connectors from body harness, if equipped.

(4) Remove seat from vehicle.

INSTALLATION

For installation, reverse the above procedures.

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) Remove splash shield from vehicle (Fig. 35).

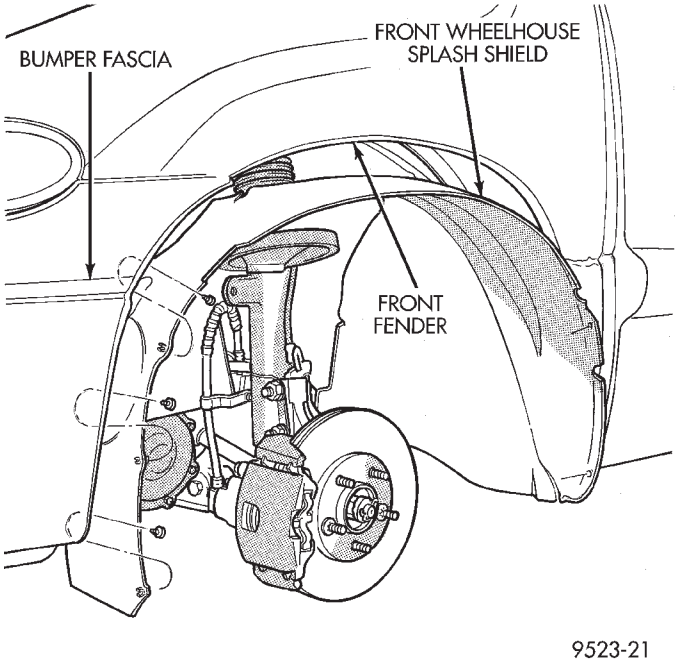


Fig. 35 Front Wheelhouse Splash Shield

INSTALLATION

(1) Place splash shield in position on vehicle (Fig. 35).

(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)

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. 38).
(4) Remove screws holding fuel fill blocker latch to C-pillar (Fig. 36).
(5) Remove fuel fill blocker latch from vehicle.

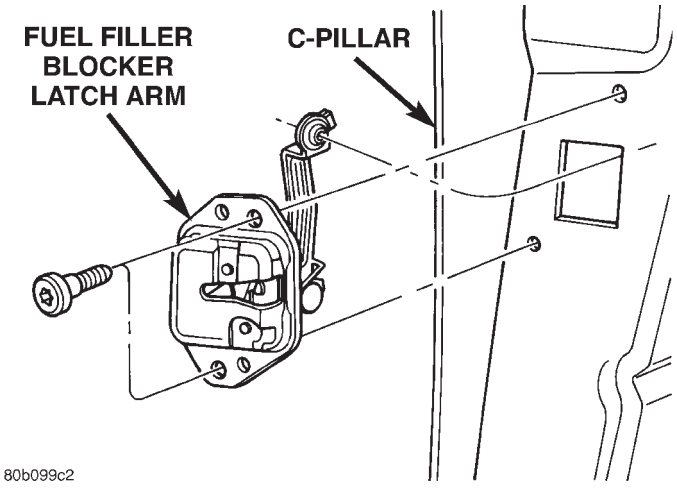


Fig. 36 FUEL FILL DOOR BLOCKER LATCH

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 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. 37).
(4) Remove 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.

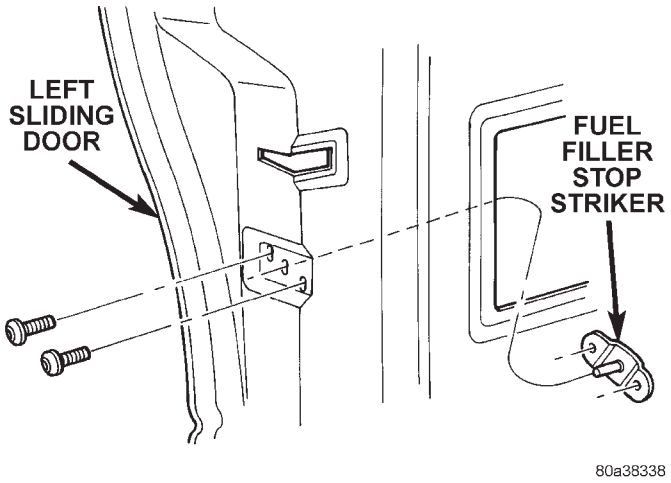


Fig. 37 Fuel Fill Door Blocker Latch Striker

(3) Install sliding door water shield.
(4) Install sliding door 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. 38).
(4) Open fuel fill door.
(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) Remove fuel filler housing and lockout link from vehicle.
(8) Disengage clip holding link to fuel fill door (Fig. 39).
(9) Remove link from fuel fill door.

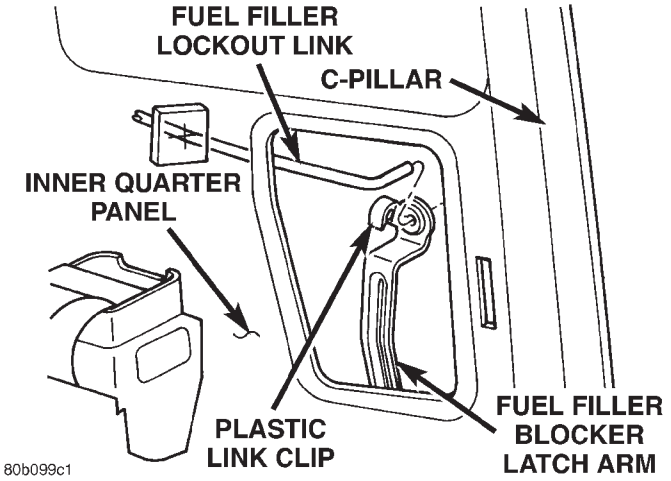


Fig. 38 Fuel Filler Lockout Link at Latch Arm

REMOVAL AND INSTALLATION (Continued)

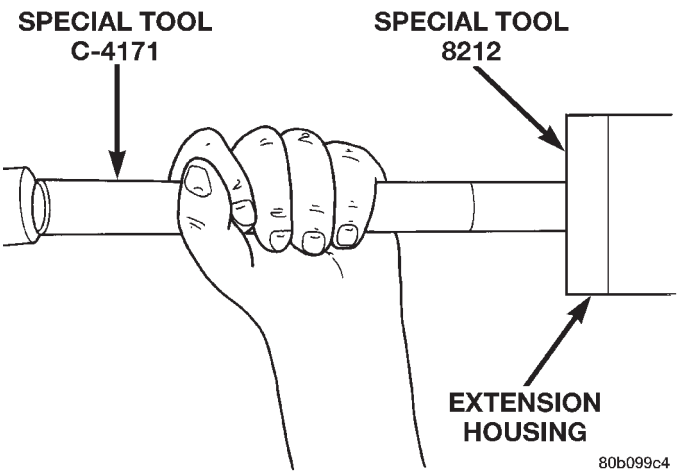


Fig. 39 Fuel Filler Lockout Link

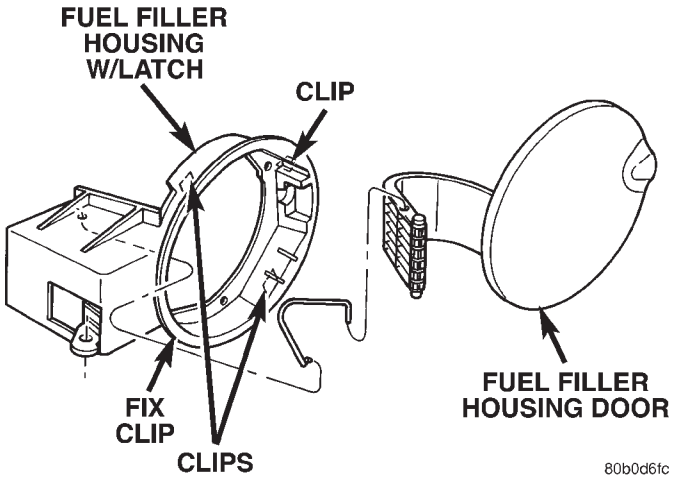


Fig. 40 Fuel Filler Housing and Door

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. 38).
(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. 40).
(8) Remove fuel fill door from vehicle.
(9) Disengage clip holding link to fuel fill door (Fig. 39).
(10) Remove link from fuel fill door.

INSTALLATION

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

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. 41).
(3) Remove plastic rivets holding grille to fascia.
(4) Remove 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.

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.

REMOVAL AND INSTALLATION (Continued)

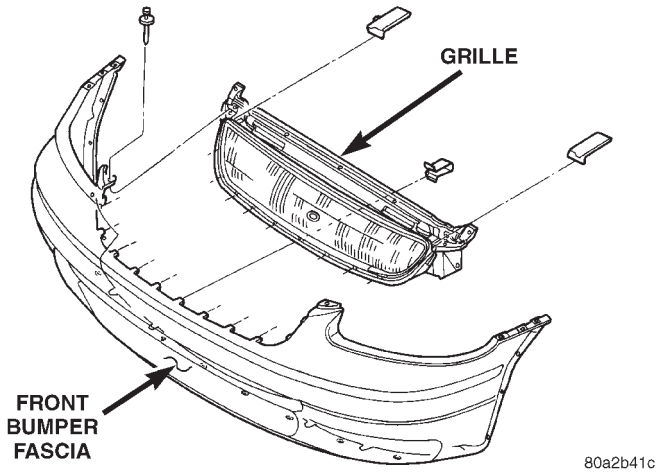


Fig. 41 Grille

(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. 42) or (Fig. 43).
(14) Remove headlining from roof.
(15) Extract headlining through rear door opening.

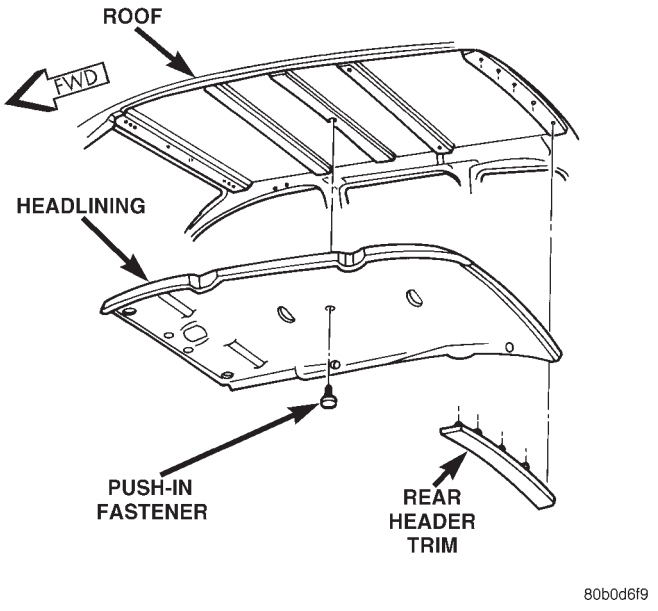


Fig. 42 Headlining – SWB

INSTALLATION

(1) Insert headlining through rear door opening.
(2) Place headlining in position on roof.
(3) Install left sun visor support.

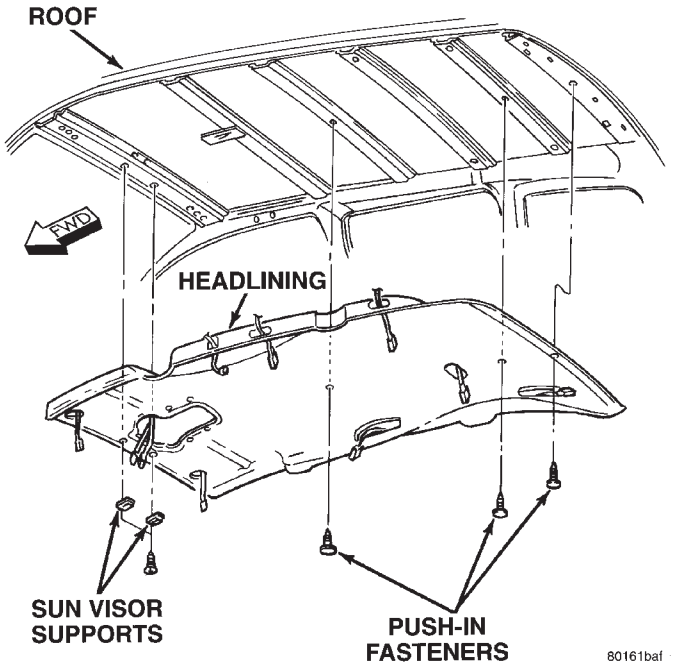


Fig. 43 Headlining – LWB

(4) Install push-in locking fasteners to hold headlining to rear roof header (Fig. 42) or (Fig. 43).
(5) Install right sun visor support.
(6) Install sun visors and vanity mirrors.
(7) If equipped, install roof rail modules.
(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.

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. 44).
(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) Remove the hood from the vehicle.

INSTALLATION

(1) Place hood in position on vehicle. With assistance from a helper at the opposite side of the vehicle

REMOVAL AND INSTALLATION (Continued)

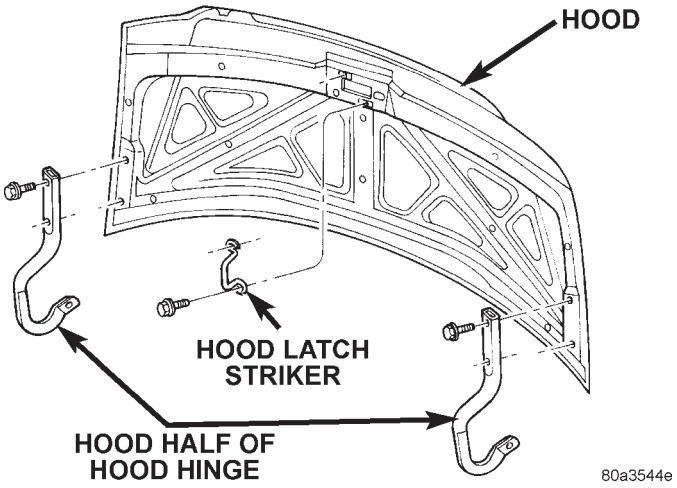


Fig. 44 Hood

to support the hood, install bottom bolts to hold hood to hinge finger tight.

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

(3) Position bolts at marks and tighten bolts. 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 attaching body half of hood hinge to front fender flange and remove hinge from vehicle (Fig. 45).

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 proper procedures.

(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.

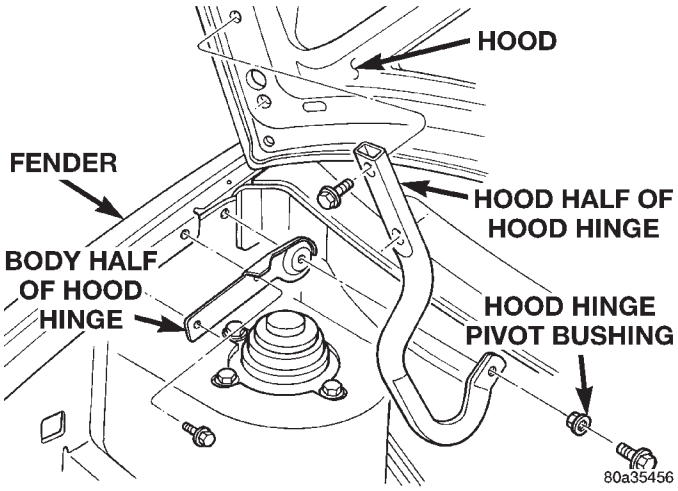


Fig. 45 Hood Hinge

HOOD LATCH

REMOVAL

(1) Release hood latch and open hood.

(2) Remove bolts holding hood latch to radiator closure panel crossmember (Fig. 46).

(3) Remove hood latch from crossmember.

(4) Disconnect hood release cable from hood latch (Fig. 47).

(5) Remove hood latch from vehicle.

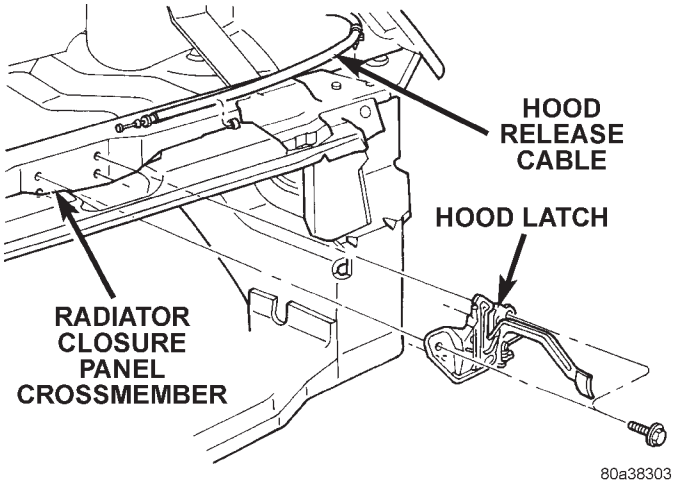


Fig. 46 Hood Latch

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 by placing latch over net-pierced tabs. If alignment is required, flatten tabs.

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

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

REMOVAL AND INSTALLATION (Continued)

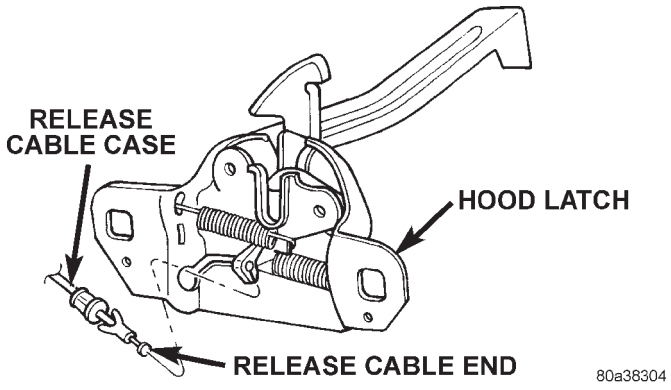


Fig. 47 Hood Release Cable End Attachment

(7) Tighten attaching bolts to 11 to 16 N·m (100 to 140 in. lbs.) torque.

HOOD LATCH STRIKER

REMOVAL

(1) Release hood latch and open hood.
(2) Remove bolts holding striker to inside of hood (Fig. 44).
(3) Remove 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) Tighten attaching bolts to 11 to 16 N·m (100 to 140 in. lbs.) torque.

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) Remove cable from latch (Fig. 47).
(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. 48).
(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) Remove hood release cable from vehicle.

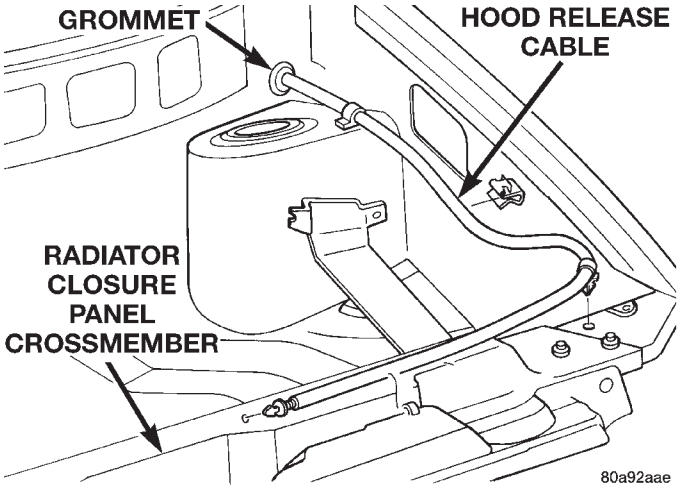


Fig. 48 Hood Release Cable Routing

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. 48).
(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. Refer to Group 8E, Instrument Panel and Systems for proper procedures.
(2) Remove hood latch cable.
(3) Remove screws holding hood latch release handle to instrument panel brace (Fig. 49).
(4) Remove hood latch release handle from vehicle.

INSTALLATION

(1) Position hood latch release handle on vehicle.
(2) Install screws to hold hood latch release handle to instrument panel brace.

REMOVAL AND INSTALLATION (Continued)

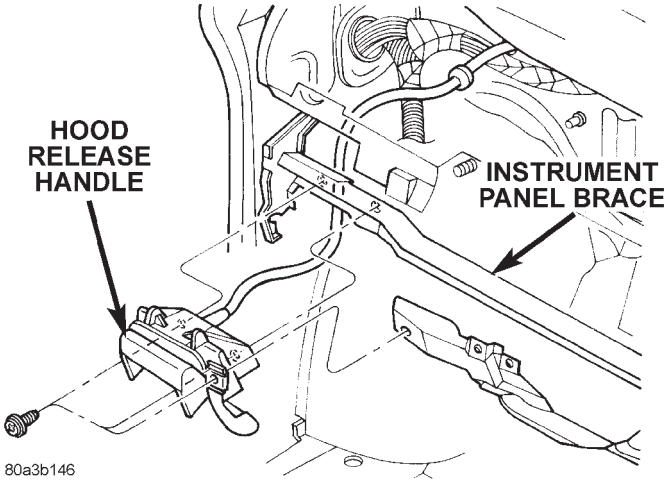


Fig. 49 Hood Release Handle

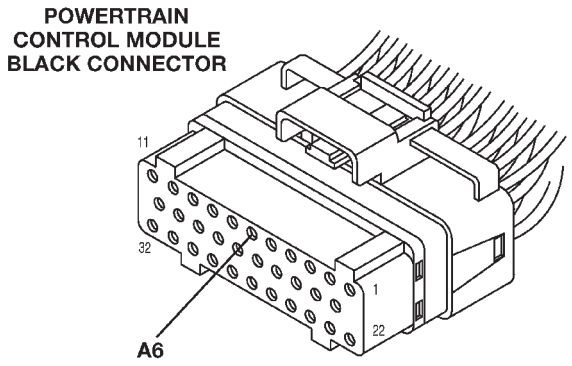
(3) Install hood latch cable.
(4) Install lower steering column cover and knee blocker reinforcement.

JACK STORAGE COVER

LONG WHEEL BASE

REMOVAL

(1) Depress latch handle at top of jack storage cover (Fig. 50).
(2) Pull outward at top of cover to disengage latch.
(3) Remove jack storage cover from vehicle.



CAV	COLOR	FUNCTION
A6	BK	PARK/NEUTRAL POSITION SWITCH SENSE

80b099d5

Fig. 50 Jack Storage Cover – LWB

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.

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. 51).
(3) Remove jack storage cover from vehicle.

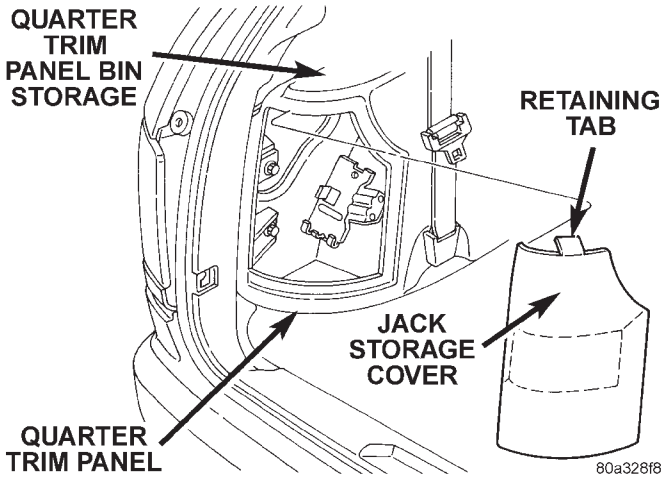


Fig. 51 Jack Storage Cover – SWB

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.
(6) Remove screws holding trim panel to D-pillar (Fig. 52), (Fig. 53), and (Fig. 54).
(7) Disengage hidden clips holding trim to D-pillar.
(8) Disconnect speaker wire connector, if equipped.
(9) Pass seat belt through slot in D-pillar trim panel on short wheel base vehicle.
(10) Remove 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.

REMOVAL AND INSTALLATION (Continued)

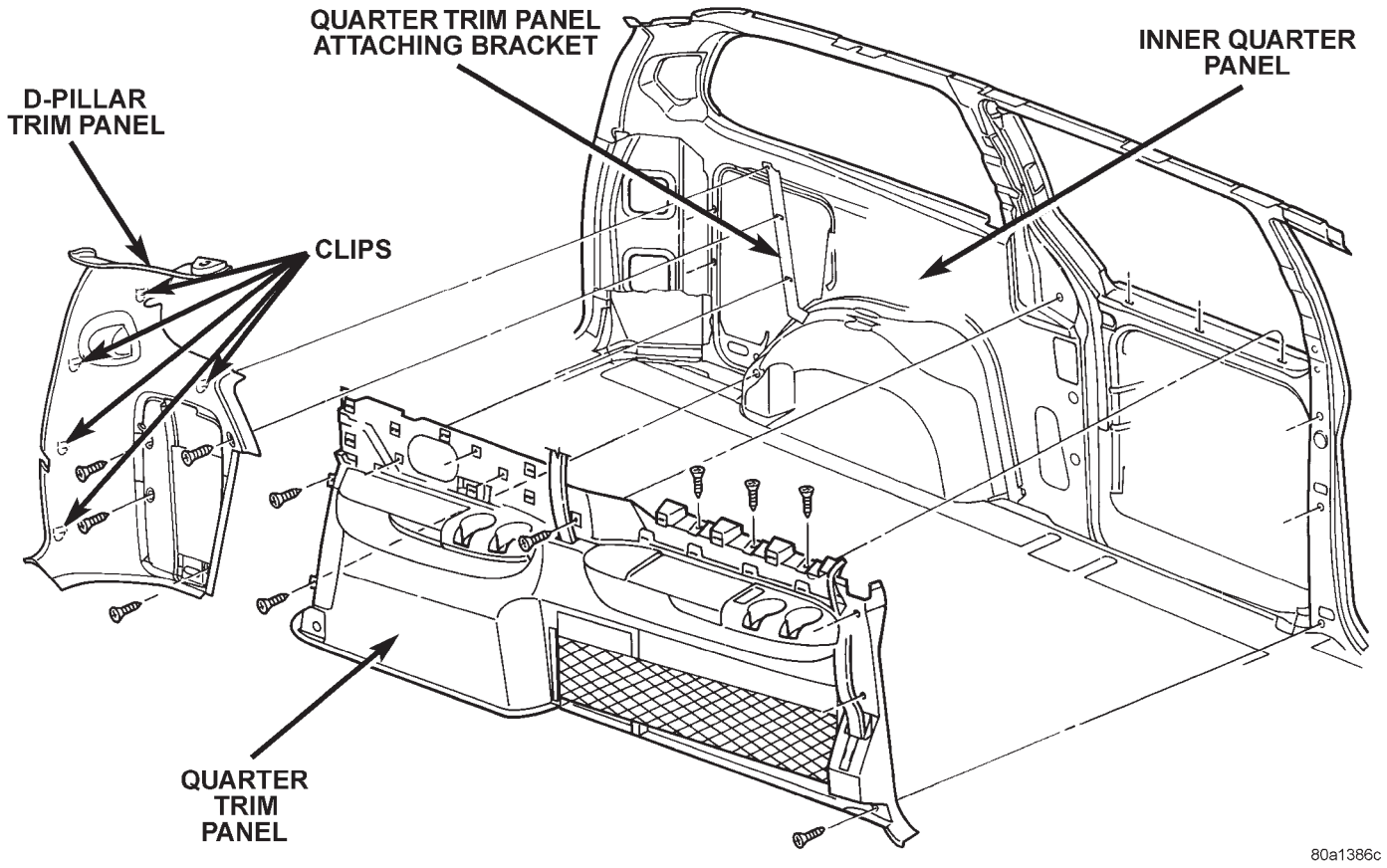


Fig. 52 Left Quarter and D-Pillar Trim Panels – LWB 3 Door

(3) Connect 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. Tighten all seat belt bolts to 39 N·m (29 in. lbs.).

(9) Install second rear seat belt turning loop on long wheel base vehicle.

(10) Install liftgate sill plate.

(11) Install rear header trim cover.

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. 52) and (Fig. 54).

(13) Remove screws holding quarter trim to quarter panel from bolster area (Fig. 52), (Fig. 53), and (Fig. 54).

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

(17) Remove quarter trim from quarter panel.

REMOVAL AND INSTALLATION (Continued)

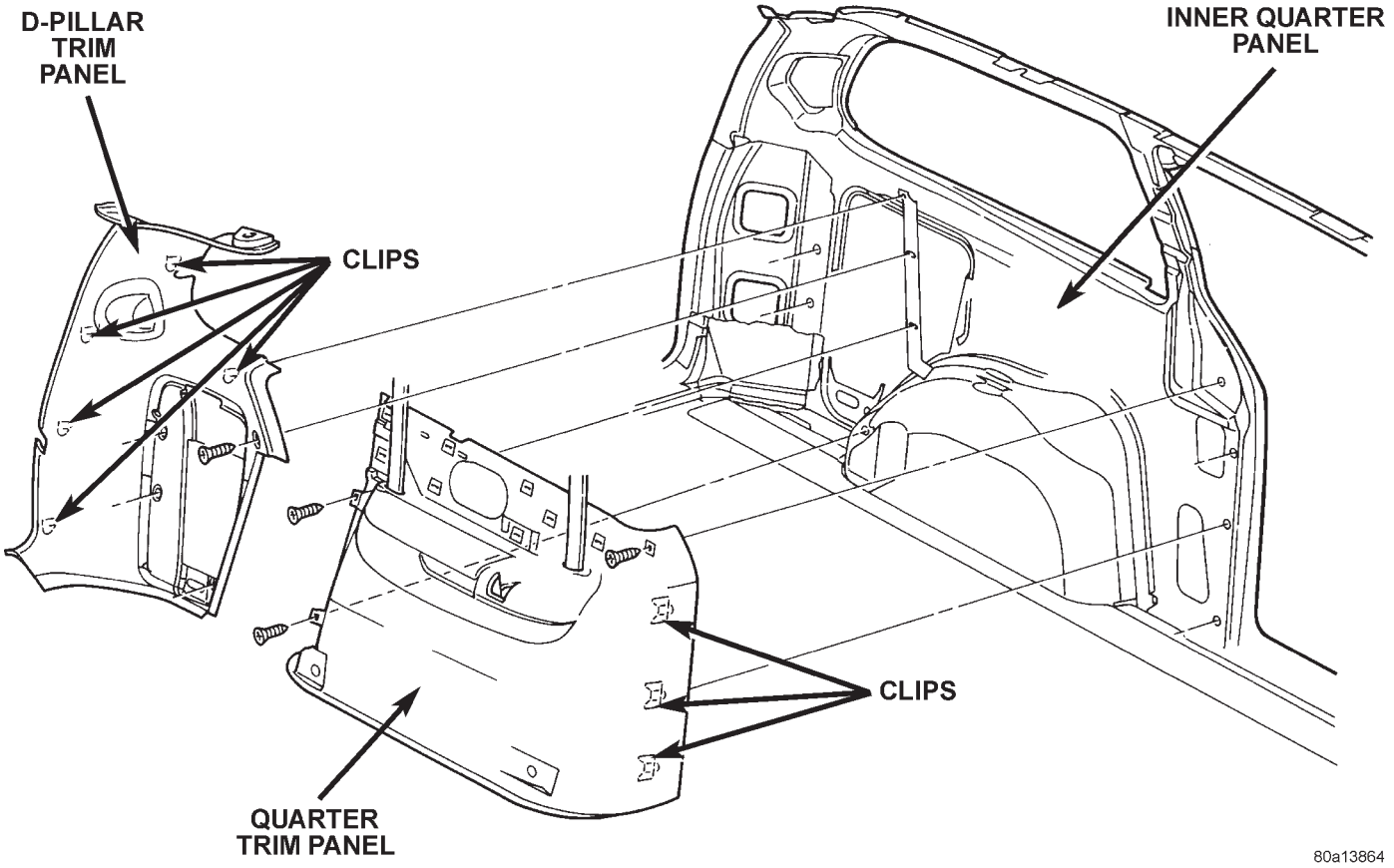


Fig. 53 Left Quarter and D-Pillar Trim Panels – LWB Four Door

(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) Remove 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) Connect 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. Tighten all seat belt bolts to 39 N·m (28 in. lbs.) torque.

(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.

(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 battery negative cable.

REMOVAL AND INSTALLATION (Continued)

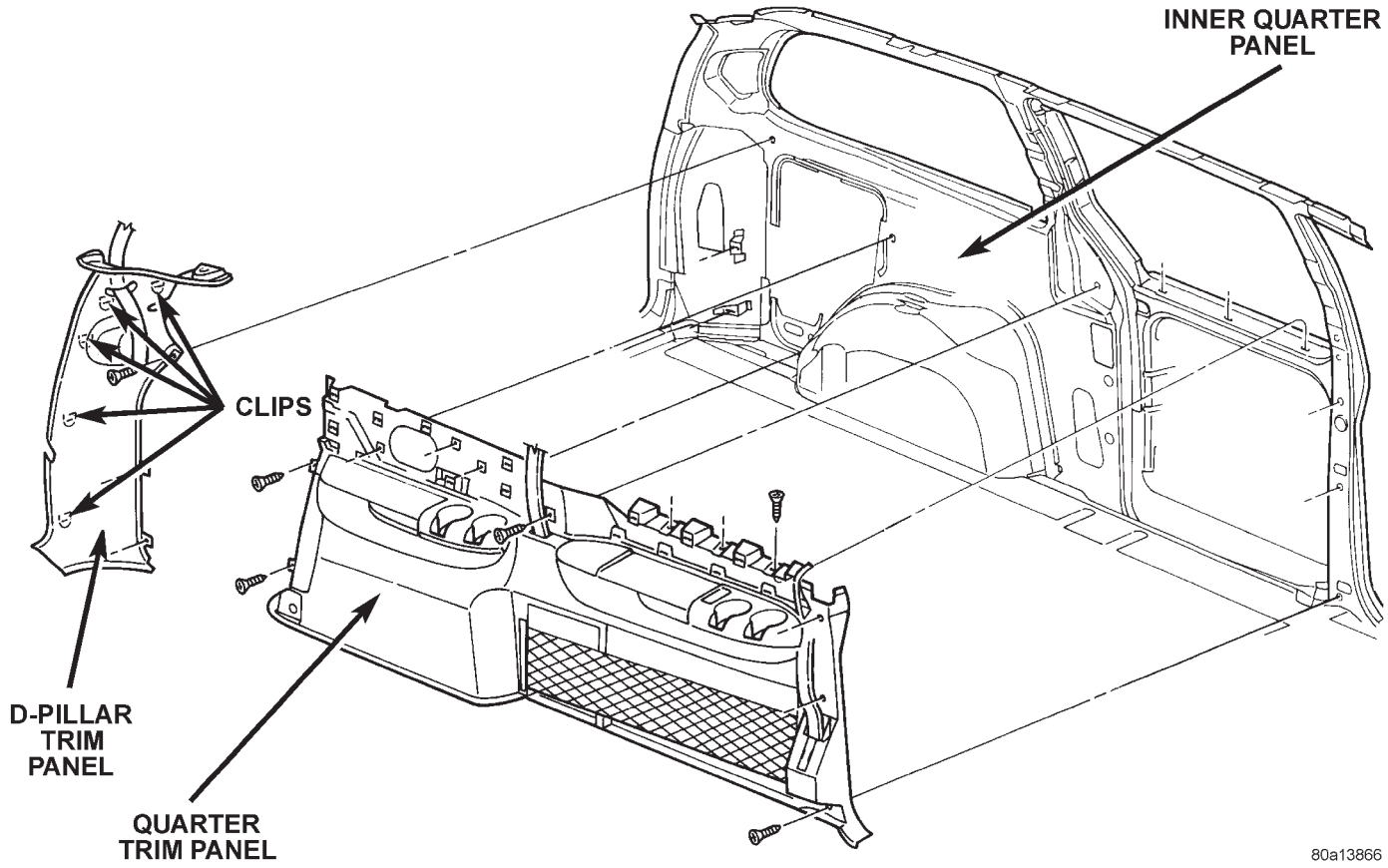


Fig. 54 Left Quarter and D-Pillar Trim Panels – SWB

LIFTGATE

REMOVAL

(1) Release liftgate latch and open liftgate.
(2) Remove screws holding liftgate wire connector to rear header.
(3) Disconnect liftgate wire harness from body wire harness.
(4) Remove liftgate upper frame molding.
(5) Disconnect rear window washer hose from spray nozzle.
(6) Support liftgate on a suitable lifting device.
(7) Remove screws holding support cylinders to liftgate.
(8) Remove bolts holding liftgate hinge to roof header (Fig. 55).
(9) With assistance, remove liftgate from vehicle.

INSTALLATION

(1) With assistance, place liftgate in position on vehicle.
(2) Install bolts to hold liftgate hinge to roof header.
(3) Install screws to hold support cylinders to liftgate.
(4) Remove lifting device from under liftgate.

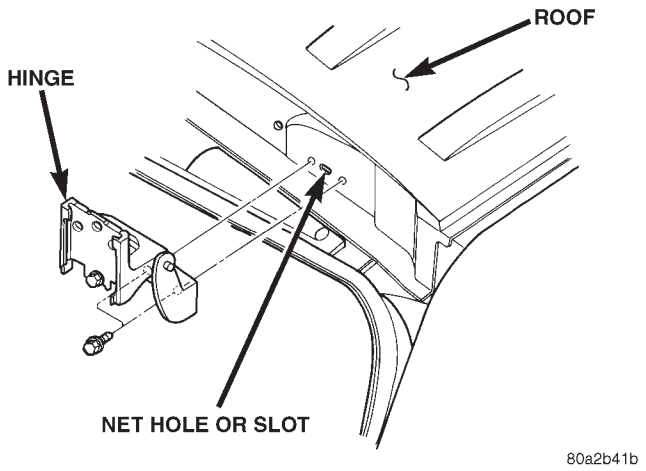


Fig. 55 Liftgate

(5) Connect liftgate wire harness into body wire harness.
(6) Install screws to holding wire connector to rear header.
(7) Connect rear window washer hose onto spray nozzle.
(8) Install liftgate upper frame molding.

REMOVAL AND INSTALLATION (Continued)

(9) Verify liftgate alignment. The liftgate should have a gap to adjacent panels and fit flush across the gaps. The gap is;

- 7 mm (0.280 in.) to the fascia,
- 6 mm (0.240 in.) to the roof,
- 4 mm (0.160 in.) to the aperture.

LIFTGATE CHMSL ACCESS PANEL

REMOVAL

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

(2) Remove 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 HINGE

REMOVAL

(1) Release liftgate latch and open liftgate.

(2) Support liftgate on a suitable lifting device.

(3) 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.

(4) Remove bolts holding liftgate hinge to roof header.

(5) Remove bolts holding hinge to liftgate (Fig. 56).

(6) Remove hinge from vehicle.

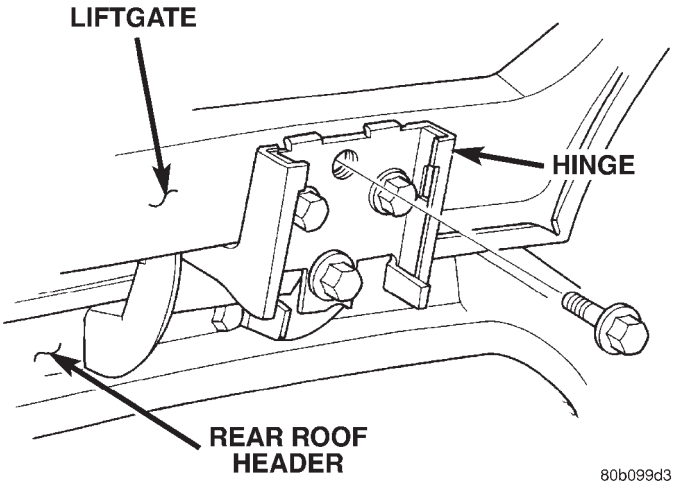


Fig. 56 Liftgate Hinge

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. 56).

(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. Refer to Liftgate Remove and Installation for proper gap measurements.

LIFTGATE LATCH

REMOVAL

(1) Remove liftgate trim panel.

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

(3) Disconnect wire connector from liftgate ajar switch (Fig. 57).

(4) Remove screws holding latch to liftgate.

(5) Remove latch from vehicle.

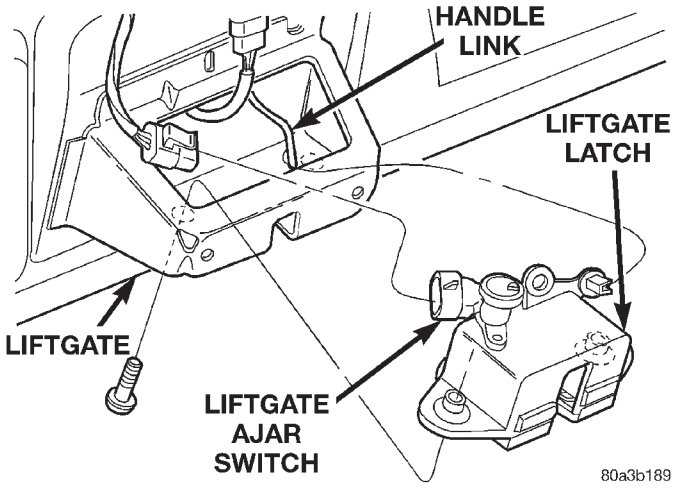


Fig. 57 Liftgate Latch

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) Connect wire connector to liftgate ajar switch.

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

(6) Install liftgate trim panel.

LIFTGATE LATCH STRIKER

REMOVAL

(1) Open liftgate.

(2) Mark outline of striker on sill to aid installation.

(3) Remove screws attaching striker to sill (Fig. 58).

(4) Remove striker from vehicle.

REMOVAL AND INSTALLATION (Continued)

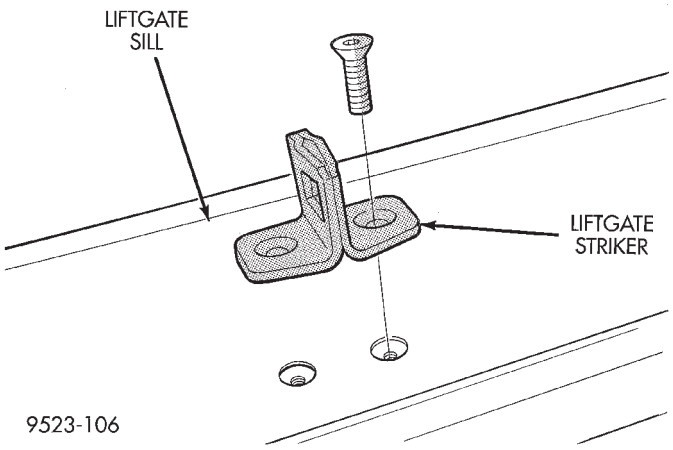


Fig. 58 Liftgate Latch Striker

INSTALLATION

(1) Place striker in position on vehicle.
(2) Align striker to outline mark on sill.
(3) Install screws to attach striker to sill.
(4) Verify liftgate alignment and operation.

LIFTGATE LOCK CYLINDER

REMOVAL

NOTE: Do not remove E-clip.

(1) Remove outside liftgate handle.
(2) Remove lock cylinder clip from handle (Fig. 59).
(3) Remove lock cylinder and arm from handle.

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. 60).
(3) Install outside liftgate handle.
(4) Verify lock cylinder operation.

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) Disconnect VTSS switch from back of lock cylinder, if equipped.
(5) Disengage lock link, if equipped.
(6) Remove nut attaching outside liftgate handle to liftgate (Fig. 61).
(7) Disengage retaining groove holding handle to liftgate.
(8) Remove outside liftgate handle and links from vehicle.

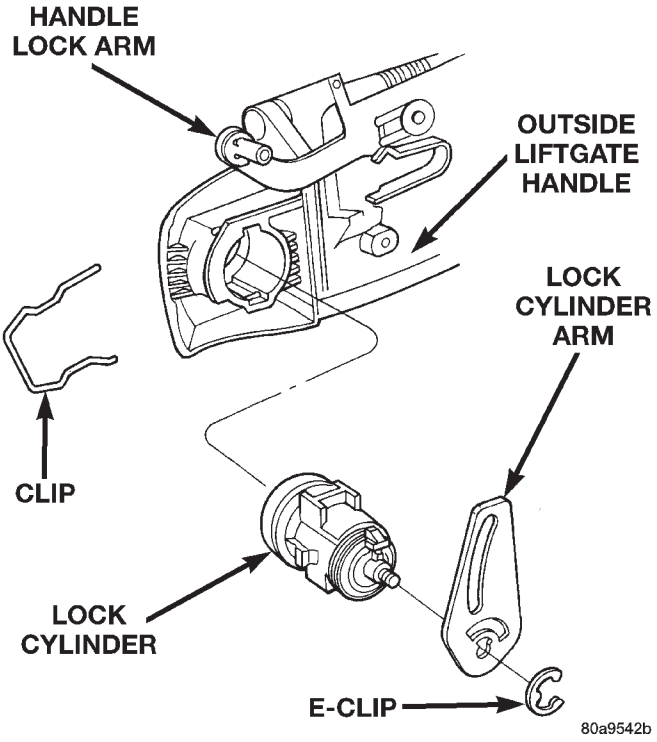


Fig. 59 Lock Cylinder Removal

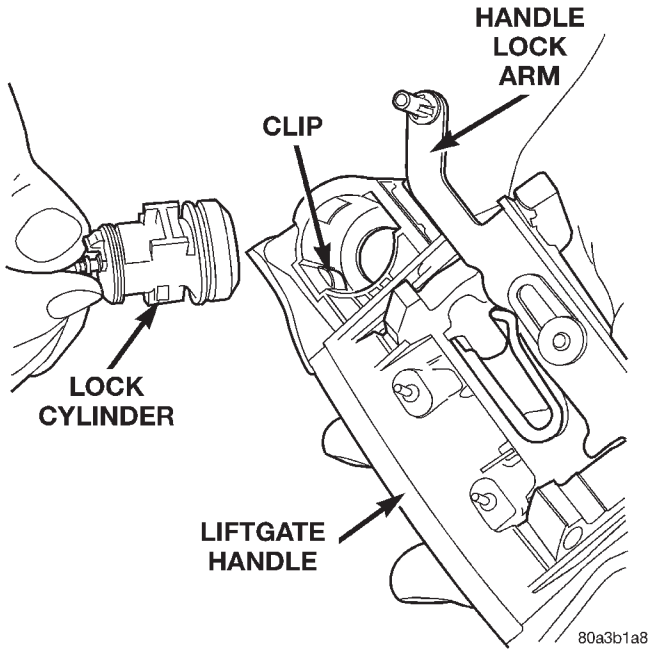


Fig. 60 Lock Cylinder Installation

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 attach outside liftgate handle to liftgate.

REMOVAL AND INSTALLATION (Continued)

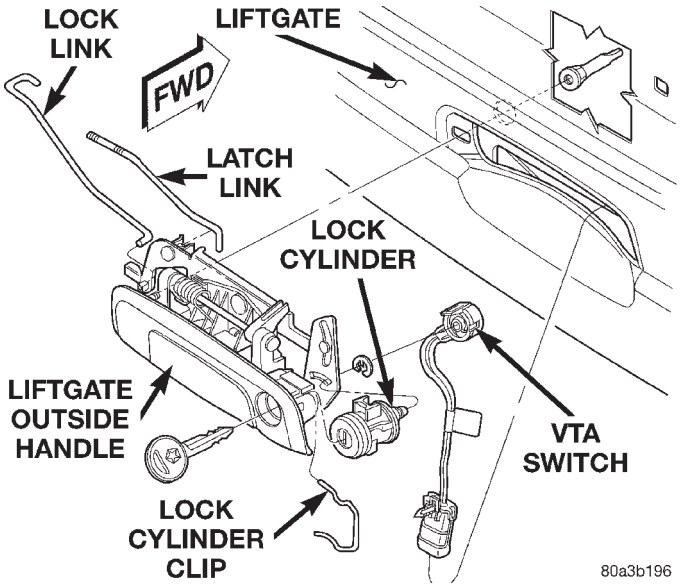


Fig. 61 Liftgate Outside Handle

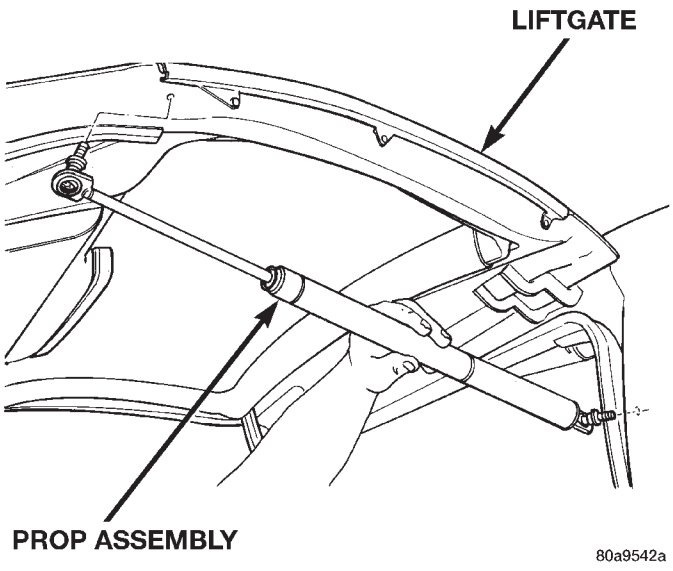


Fig. 62 Liftgate Prop Assembly

(4) Connect VTSS 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.

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. 62).

(5) Remove bolt holding prop assembly to liftgate.

(6) Remove prop assembly from vehicle.

INSTALLATION

For installation, reverse the above procedures.

LIFTGATE SILL PLATE

REMOVAL

(1) Disengage hidden clips holding sill plate to liftgate door opening sill (Fig. 63).

(2) Remove sill plate from vehicle.

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.

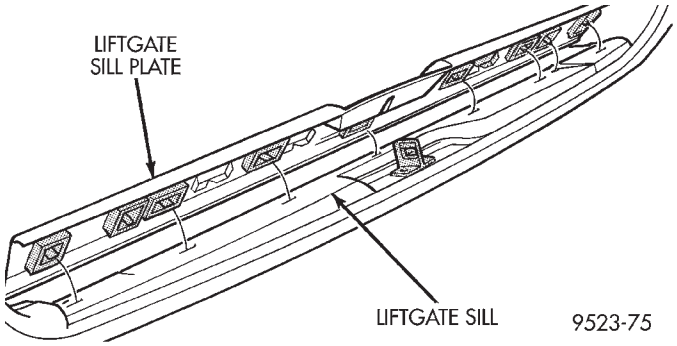


Fig. 63 Liftgate Sill Plate

LIFTGATE STABILIZER WEDGE

REMOVAL

(1) Open liftgate.

(2) Mark outline of stabilizer wedge on liftgate to aid installation.

(3) Remove rivets attaching wedge to liftgate (Fig. 64).

(4) Remove wedge from vehicle.

INSTALLATION

(1) Position stabilizer wedge on vehicle.

(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.

REMOVAL AND INSTALLATION (Continued)

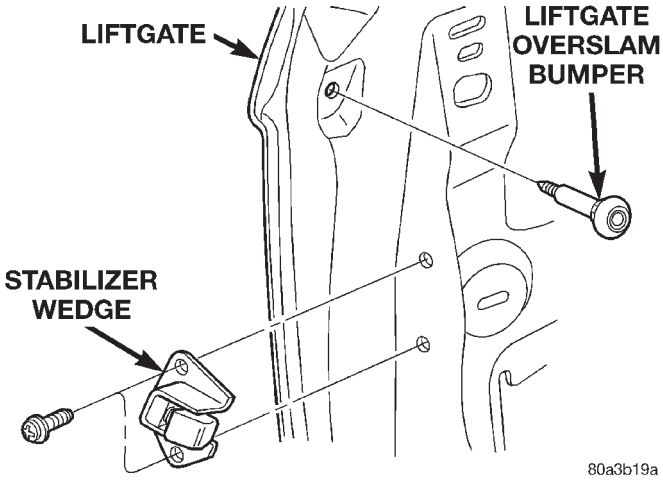


Fig. 64 Liftgate Wedge

(2) Remove screws attaching stabilizer wedge striker to D-pillar (Fig. 65).

(3) Retrieve shims from between wedge striker and D-pillar, if necessary.

(4) Remove wedge striker from vehicle.

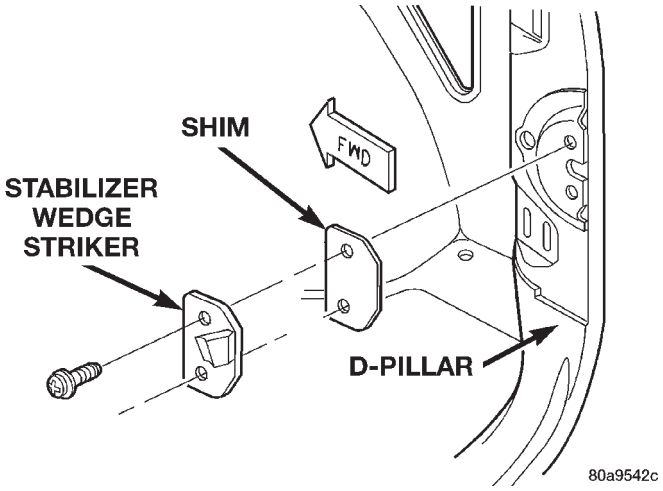


Fig. 65 Liftgate Wedge Striker

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 attaching stabilizer wedge striker to D-pillar (Fig. 65).

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) Disconnect 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 or liftgate (Fig. 66).

(8) Remove liftgate trim panel from vehicle.

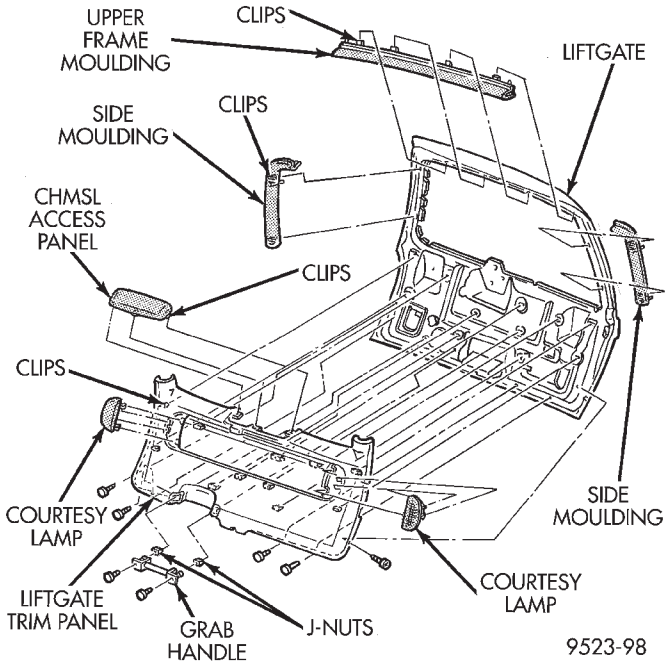


Fig. 66 Liftgate Trim

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. 66).

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

(4) Connect 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 UPPER FRAME MOLDING

REMOVAL

(1) Release liftgate latch and open liftgate.

(2) Disengage hidden clips holding molding to liftgate upper frame (Fig. 66).

(3) Remove liftgate upper molding from vehicle.

INSTALLATION

(1) Place liftgate upper molding in position on vehicle.

REMOVAL AND INSTALLATION (Continued)

(2) Engage hidden clips to hold molding to liftgate upper frame (Fig. 66).

LIFTGATE UPPER FRAME SIDE MOLDINGS

REMOVAL

(1) Remove liftgate upper frame molding.
(2) Disengage hidden clips holding side moldings to liftgate upper frame (Fig. 66).
(3) Remove 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. 66).
(3) Install liftgate upper frame molding.

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. 67).
(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) Remove 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. Tighten all seat belt bolts to 39 N·m (29 in. lbs.) torque.
(9) Verify that seat belt anchor does not interfere with seat track travel.

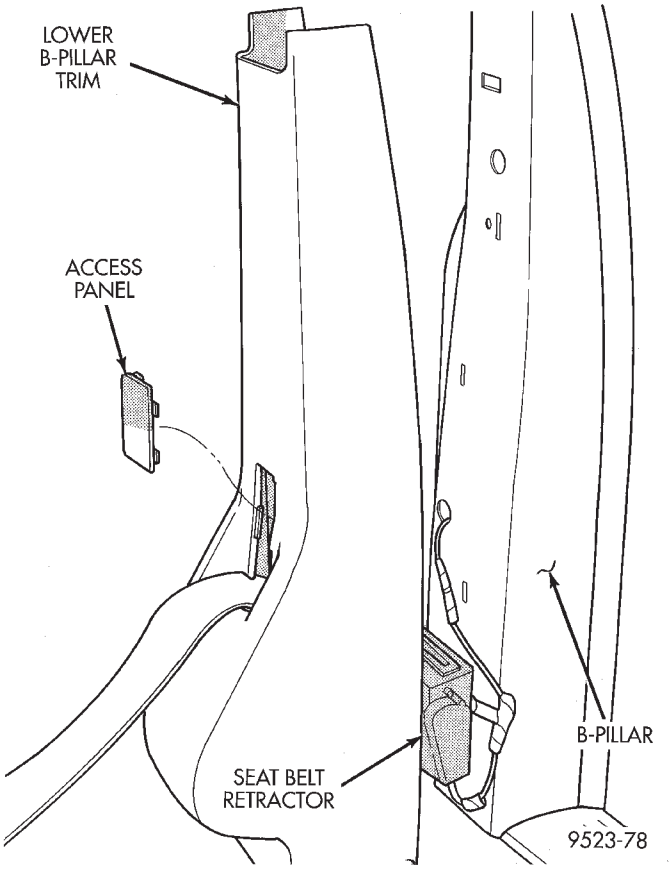


Fig. 67 Lower B-pillar Trim Cover

LUGGAGE RACK CROSSBAR

REMOVAL

(1) Remove luggage rack front riser covers.
(2) Disengage lock and slide crossbar forward into notch in front riser (Fig. 68).
(3) Remove crossbar from roof.

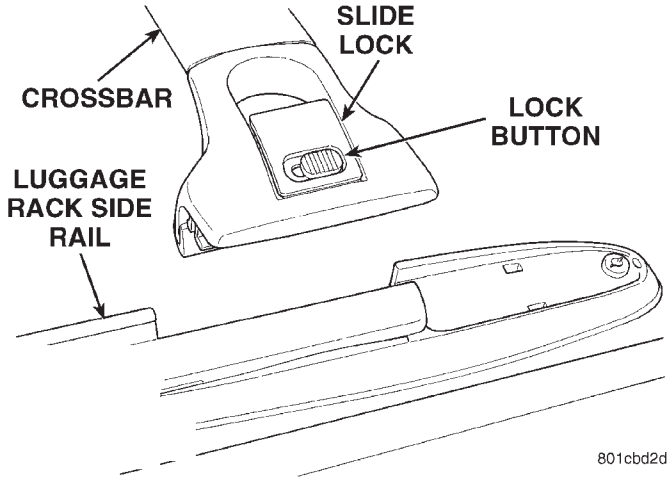


Fig. 68 Luggage Rack Crossbar

REMOVAL AND INSTALLATION (Continued)

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 RISER COVER

REMOVAL

(1) Disengage lock tabs holding luggage rack front riser cover to riser.
(2) Remove cover from riser (Fig. 69).

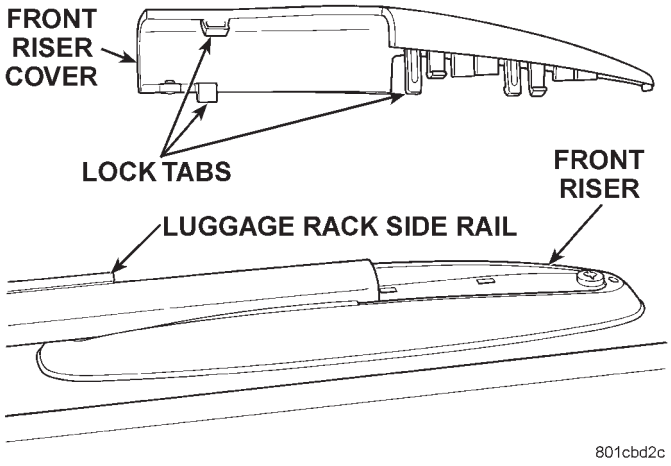


Fig. 69 Luggage Rack Riser Cover

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 SIDE RAIL

REMOVAL

(1) Remove luggage rack front riser covers.
(2) Remove crossbars.
(3) Remove screws attaching side rail to front riser and roof panel (Fig. 70).
(4) Remove screws attaching side rail to center riser and roof panel.
(5) Remove screws attaching side rail to rear riser and roof panel (Fig. 71).
(6) Remove side rail from vehicle.

INSTALLATION

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

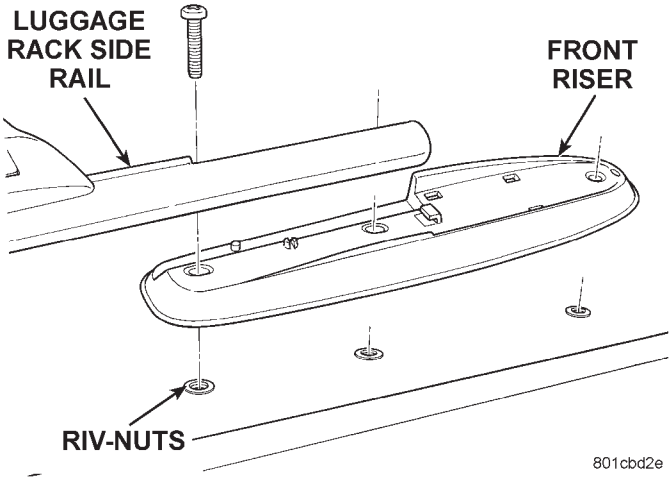


Fig. 70 Luggage Rack Front Riser

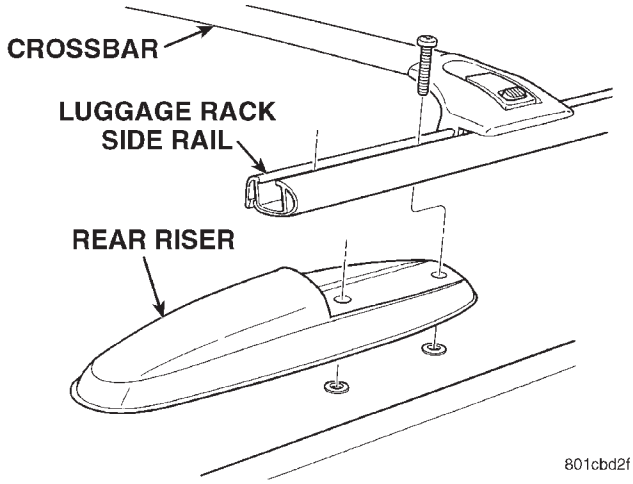


Fig. 71 Luggage Rack Rear Riser

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) Remove 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.

QUARTER GLASS

REMOVAL

(1) Remove C-pillar trim.
(2) Open quarter glass to vent position.
(3) Remove screw attaching quarter window retainer to vent motor arm.
(4) Disengage quarter window retainer from vent motor arm.

REMOVAL AND INSTALLATION (Continued)

(5) Remove nuts holding quarter glass to C-pillar (Fig. 72).

(6) Remove quarter glass from vehicle.

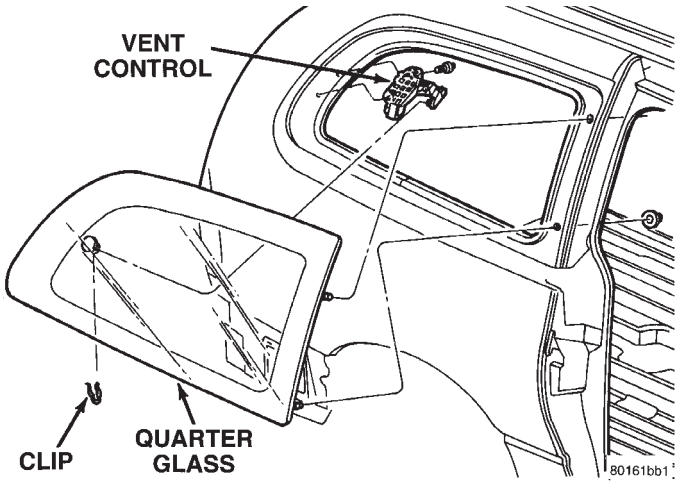


Fig. 72 Quarter Glass

INSTALLATION

(1) Place quarter glass in position on vehicle.

(2) Install nuts to attach quarter glass to C-pillar.

(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.

QUARTER TRIM BOLSTER

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

REMOVAL

(1) Disengage hidden clips holding trim bolster to quarter trim panel (Fig. 73) and (Fig. 74).

(2) Disengage hook retainer holding front of trim bolster to quarter trim panel, if applicable (Fig. 73).

(3) Remove quarter trim bolster from vehicle.

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.

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

RADIATOR CLOSURE PANEL CROSSMEMBER

REMOVAL

(1) Release hood latch and open hood.

(2) Remove bolts attaching hood latch to crossmember and position latch out of the way.

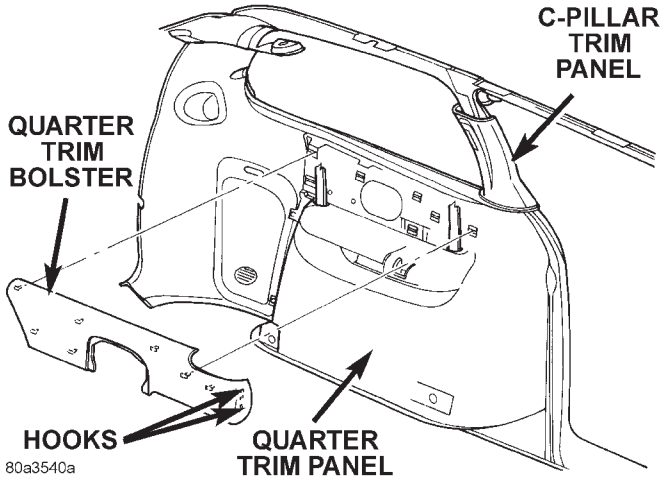


Fig. 73 Left Quarter Trim Bolster – LWB Four Door

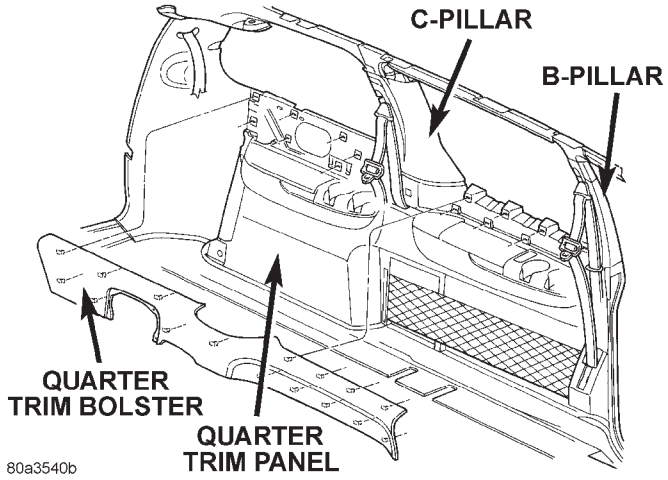


Fig. 74 Left Quarter Trim Bolster – SWB and LWB Three Door

(3) Remove radiator sight shield.

(4) Remove engine air inlet resonator.

(5) Remove bolt holding air cleaner housing to crossmember.

(6) Remove screw holding coolant recovery bottle to crossmember.

(7) Remove bolts holding radiator isolators to crossmember.

(8) Remove bolts holding ends of crossmember to radiator closure panel (Fig. 75).

(9) Lift crossmember upward and away from radiator closure panel.

(10) Remove crossmember from vehicle.

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.

REMOVAL AND INSTALLATION (Continued)

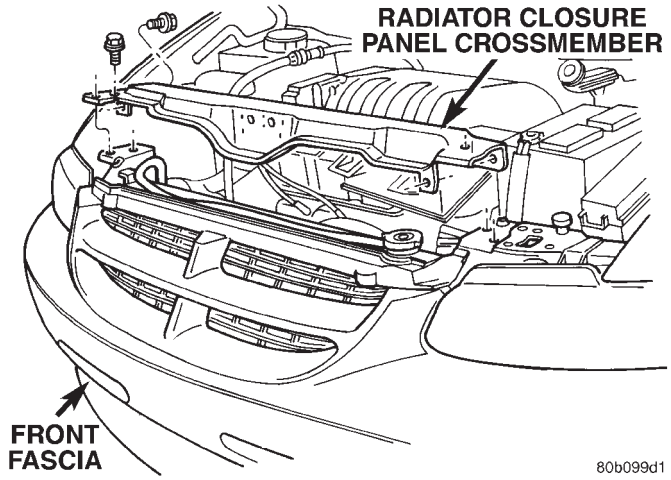


Fig. 75 Radiator Closure Panel Crossmember

(3) Install bolts to hold ends of crossmember to radiator closure panel (Fig. 75).

(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 by placing latch over netpierce tabs. If alignment is required, flatten tabs.

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

(11) Verify hood latch operation and hood alignment.

RAIL LAMP MODULE

WITHOUT REAR HVAC

REMOVAL

(1) Pull coat hook open.

(2) Remove screw attaching rail lamp module to roof rail.

(3) Remove rail lamp module from headlining (Fig. 76).

(4) Disconnect wire connector from body wiring harness.

(5) Remove rail lamp module from vehicle.

INSTALLATION

(1) Position rail lamp module in vehicle.

(2) Connect wire connector to body wiring harness.

(3) Position rail lamp module to headlining.

(4) Install screw attaching module to roof rail inside coat hook.

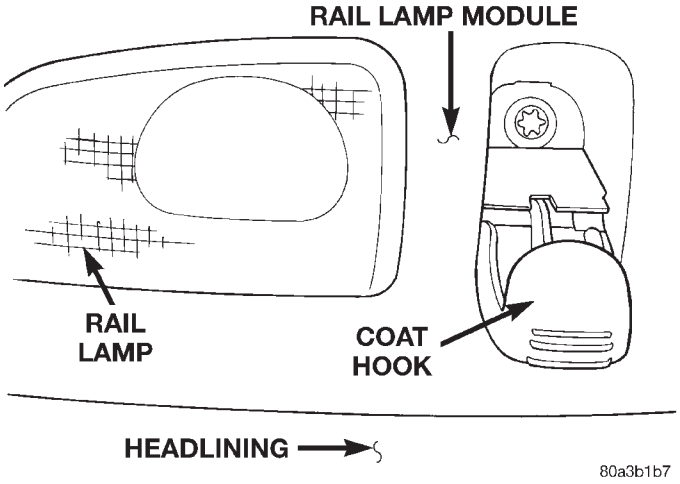


Fig. 76 Rail Lamp Module – w/o Rear HVAC

WITH REAR HVAC

REMOVAL

(1) Pull coat hook open.

(2) Remove screw attaching rail lamp module to roof rail inside coat hook (Fig. 77).

(3) Remove screws attaching rail lamp module to roof rail from behind grab handle.

(4) Remove rail lamp module from headlining.

(5) Disconnect wire connector from body wiring harness.

(6) Remove rail lamp module from vehicle.

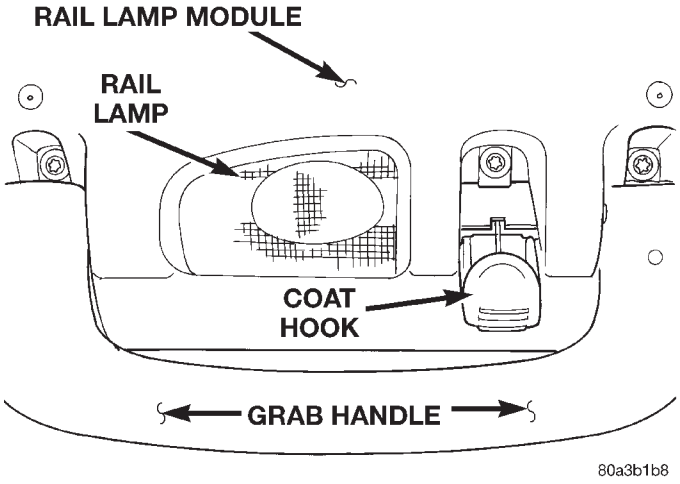


Fig. 77 Rail Lamp Module – w/Rear HVAC

INSTALLATION

(1) Position rail lamp module to vehicle.

(2) Connect wire connector to body wiring harness.

(3) Position rail lamp module to headlining.

(4) Install screws to attach rail lamp module to roof rail behind grab handle.

(5) Install screw to attach rail lamp module to roof rail inside coat hook.

REMOVAL AND INSTALLATION (Continued)

REAR HVAC LOUVER AND BEZEL

REMOVAL

(1) Using a trim stick (C-4755), pry edge of louver from bezel.

(2) Remove HVAC louver from bezel.

(3) Using a trim stick, pry lower edge of HVAC bezel away from headlining (Fig. 78).

(4) Remove louver from vehicle.

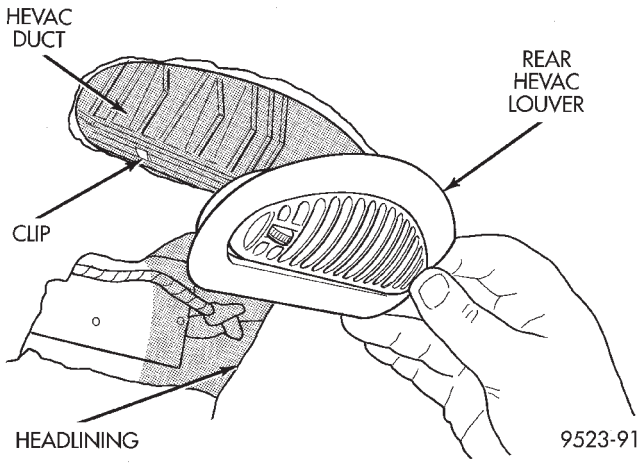


Fig. 78 Rear HVAC Louver

INSTALLATION

(1) Place bezel in position in HVAC duct opening.

(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 HVAC louver to bezel.

(4) Snap both ends of the louver into HVAC bezel.

REAR HEADER TRIM

REMOVAL

(1) Disengage hidden clips holding trim to rear header (Fig. 79).

(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.

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.

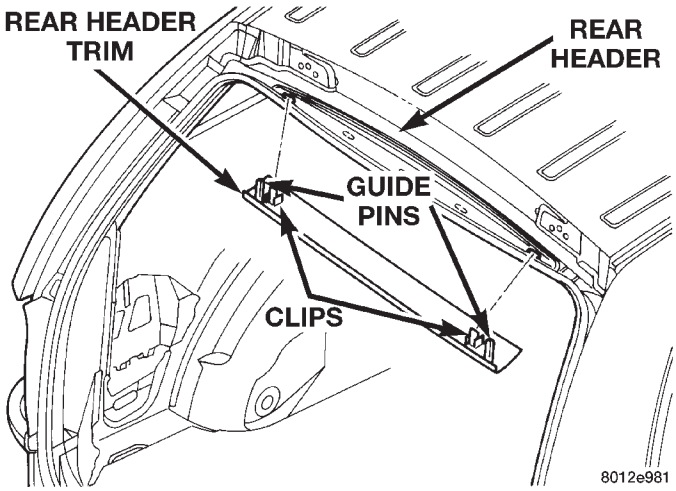


Fig. 79 Rear Header Trim

(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. 80).

(7) Disengage hidden clips holding trim to D-pillar (Fig. 80), (Fig. 81), and (Fig. 82).

(8) Remove D-pillar trim panel from D-pillar.

(9) Disconnect speaker wire connector, if equipped.

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

(11) Remove 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) Connect 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 attach second rear seat belt, if equipped, anchor to quarter on short wheel base vehicle. Tighten all seat belt bolts to 39 N·m (29 in. lbs.) torque.

(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)

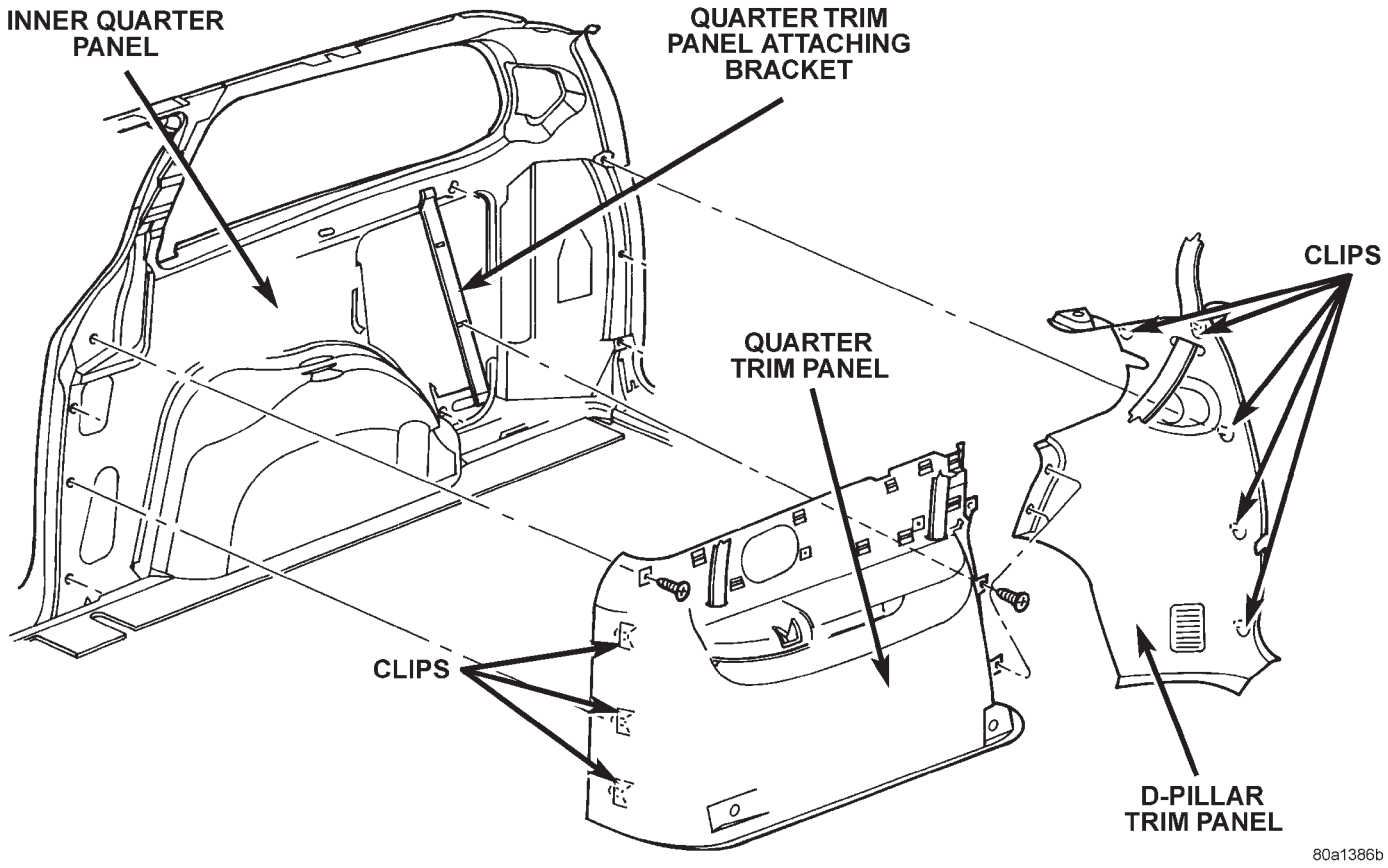


Fig. 80 Right Quarter and D-Pillar Trim Panels – SWB

RIGHT QUARTER TRIM PANEL

REMOVAL

CAUTION: Disconnect the battery negative cable. 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) Remove quarter trim from quarter panel.
(13) Disconnect 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) Remove 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) Connect 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. Tighten all seat belt bolts to 39 N·m (29 in. lbs.) torque.

REMOVAL AND INSTALLATION (Continued)

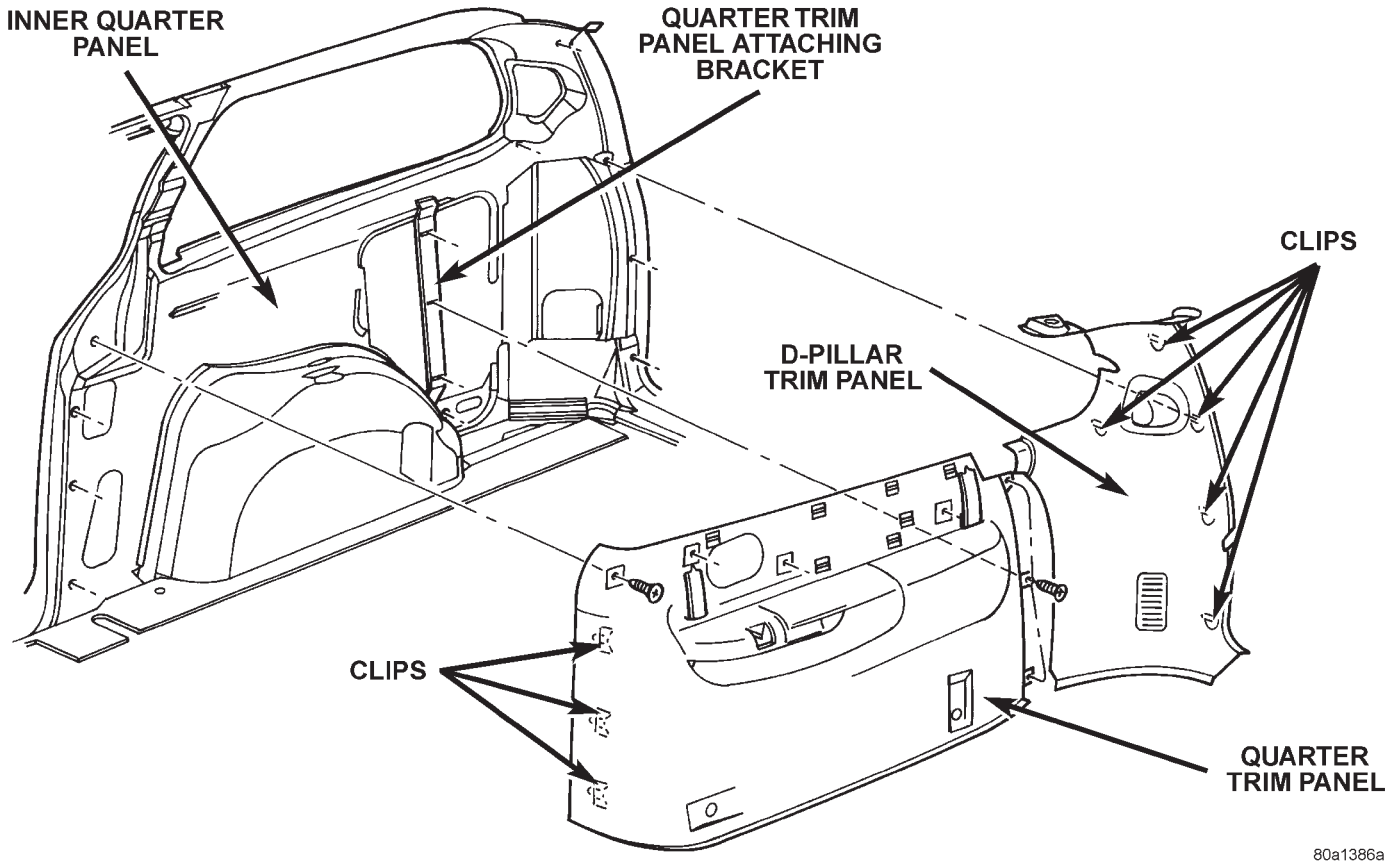


Fig. 81 Right Quarter and D-Pillar Trim Panels – LWB without Rear AIC

(10) Install first rear seat belt anchor.
(11) Install D-pillar trim panel.
(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 battery negative cable.

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.

SEAT BELT BUCKLE – FRONT INBOARD

REMOVAL

(1) Remove screws holding front inboard side cover to seat cushion frame.

(2) Remove side cover from vehicle.

(3) Remove bolt holding seat belt buckle to front seat track (Fig. 83).

REMOVAL AND INSTALLATION (Continued)

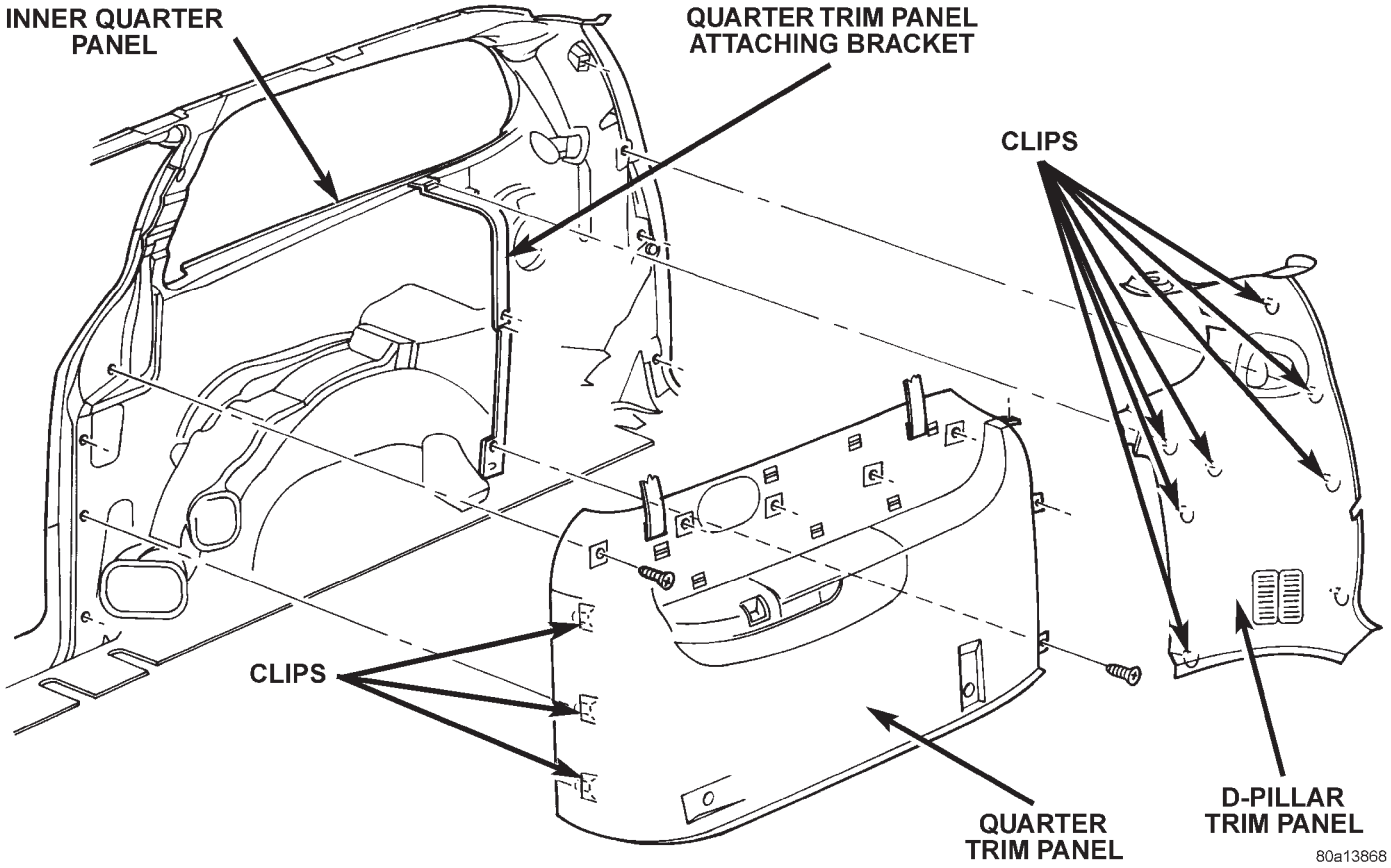


Fig. 82 Right Quarter and D-Pillar Trim Panels – LWB with Rear AIC

(4) Remove buckle from vehicle.

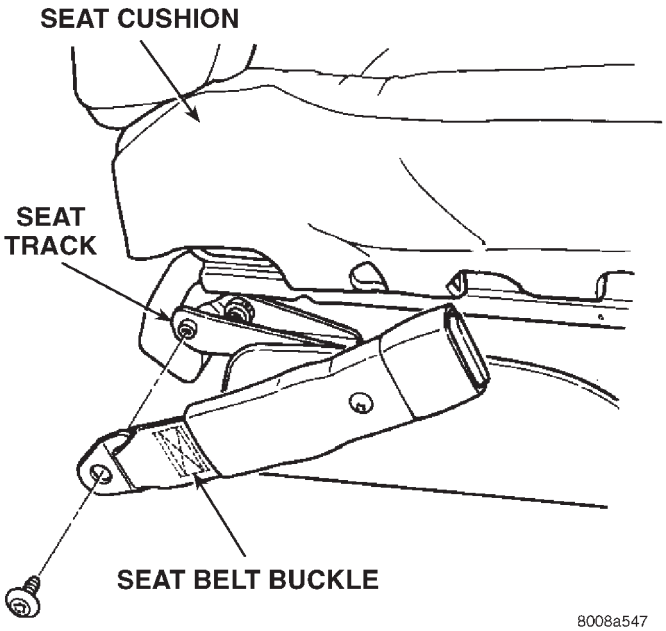


Fig. 83 Seat Belt Buckle – Front Inboard

INSTALLATION

For installation, reverse the above procedures. Tighten seat belt anchor bolts to 39 N·m (29 ft. lbs.) torque.

SEAT BELT BUCKLE FIRST REAR – TWO PASSENGER BENCH

REMOVAL

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

(2) Remove bolt attaching inboard seat belt/buckle to seat frame (Fig. 84).

(3) Remove belt from seat.

INSTALLATION

For installation, reverse the above procedures. Tighten all seat belt anchor bolts to 39 N·m (29 ft. lbs.) torque.

SEAT BELT BUCKLE FIRST REAR QUAD BUCKET

REMOVAL

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

(2) Remove screws attaching inboard side cover to seat cushion.

REMOVAL AND INSTALLATION (Continued)

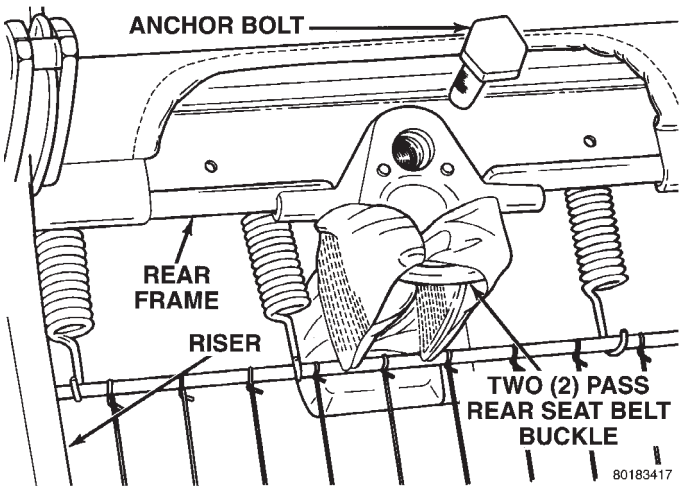


Fig. 84 Seat Belt Buckle First Rear – Two Passenger Bench

(3) Remove side cover from seat.
(4) Remove bolts attaching recliner bracket to seat cushion.
(5) Remove recliner bracket from seat.
(6) Remove bolt attaching seat belt buckle to seat track (Fig. 83).
(7) Remove buckle from vehicle.

INSTALLATION

For installation, reverse the above procedures. Tighten all seat belt anchor bolts to 39 N·m (29 ft. lbs.) torque.

SEAT BELT BUCKLE SECOND REAR – THREE PASSENGER BENCH

REMOVAL

(1) Remove bolt attaching seat belt buckle to seat rear frame rail (Fig. 85).
(2) Remove seat belt buckle from seat.

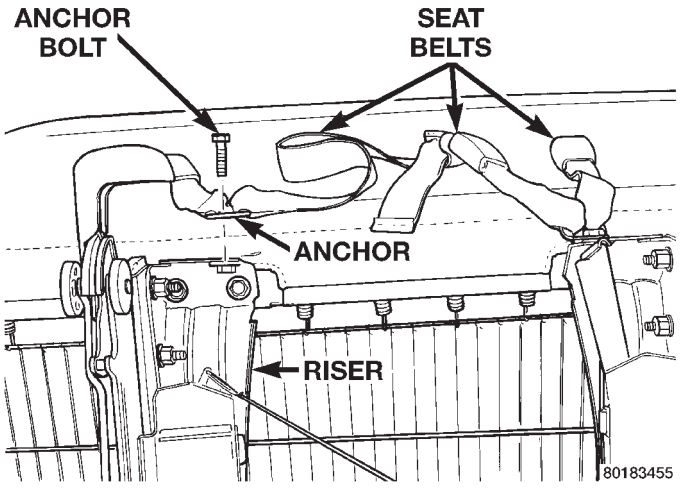


Fig. 85 Seat Belt Buckle Second Rear – Three Passenger Bench

INSTALLATION

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

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. 86).
(4) Remove 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. 86).
(7) Lift retractor upward and disengage arrow head retainer holding retractor to B-pillar.
(8) Remove seat belt from vehicle.

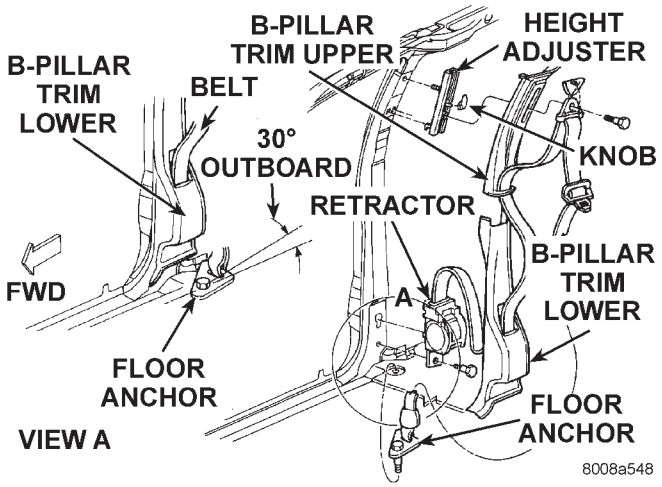


Fig. 86 Seat Belt – Outboard Front

INSTALLATION

For installation, reverse the above procedures. Tighten all seat belt anchor bolts to 39 N·m (29 ft. lbs.) torque.

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) Remove 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.

REMOVAL AND INSTALLATION (Continued)

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

SEAT BELT FIRST REAR OUTBOARD – LWB FOUR 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) Remove 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) Remove 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.
(12) Lift retractor upward and disengage arrow head retainer holding retractor to quarter panel.
(13) Remove seat belt from vehicle.

INSTALLATION

(1) Position seat belt to vehicle.
(2) Install 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 tightening specification for all seat belt anchor bolts is 39 N·m (29 ft. lbs.) torque.

SEAT BELT FIRST REAR OUTBOARD – SWB FOUR 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. 87).
(5) Remove anchor from floor.
(6) Open clam shell cover from over seat belt turning loop.
(7) Remove bolt attaching turning loop to shoulder belt height adjuster (Fig. 87).
(8) Remove 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 (Fig. 87).
(12) Lift retractor upward and disengage arrow head retainer holding retractor to quarter panel.
(13) Remove seat belt from vehicle.

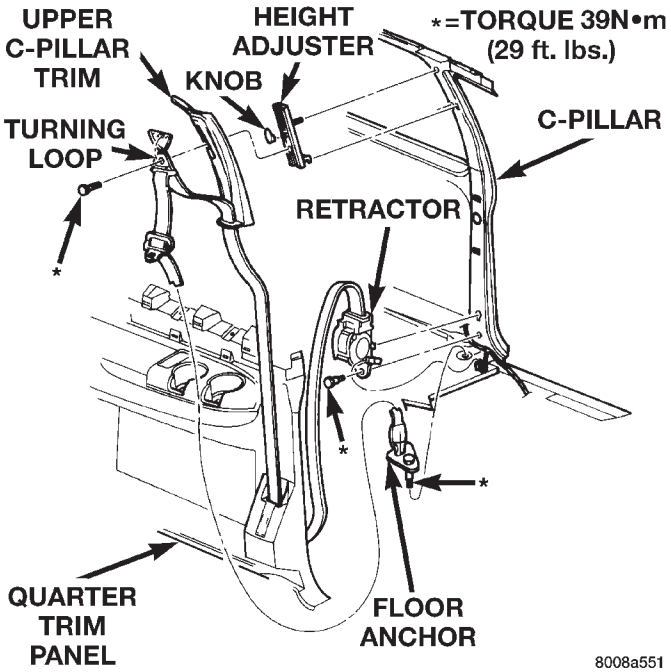


Fig. 87 Seat Belt First Rear Outboard – SWB Four Door

INSTALLATION

For installation, reverse the above procedures. Tighten seat belt anchor bolts to 39 N·m (29 ft. lbs.) torque.

REMOVAL AND INSTALLATION (Continued)

SEAT BELT LEFT FIRST REAR OUTBOARD – LWB THREE 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. 88).
(5) Remove 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. 88).
(8) Remove 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. 88).
(14) Remove seat belt from vehicle.

INSTALLATION

For installation, reverse the above procedures. Tighten all seat belt anchor bolts to 39 N·m (29 ft. lbs.) torque.

SEAT BELT LEFT FIRST REAR OUTBOARD – SWB THREE 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. 88).
(5) Remove anchor from floor.
(6) Open clam shell cover from over seat belt turning loop.
(7) Remove bolt attaching turning loop to shoulder belt height adjuster.
(8) Remove 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. 88).
(15) Remove seat belt from vehicle.

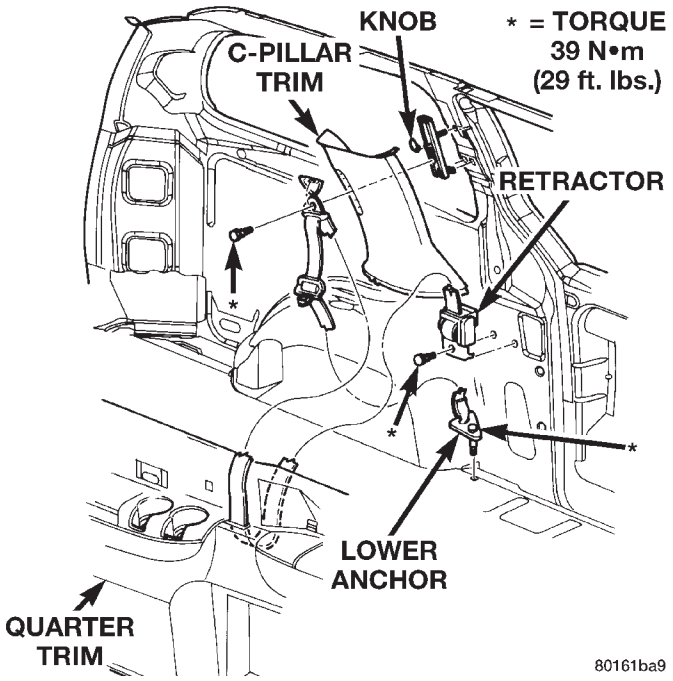


Fig. 88 Seat Belt Left First Rear Outboard – SWB Three Door

INSTALLATION

For installation, reverse the above procedures. Tighten all seat belt anchor bolts to 39 N·m (29 ft. lbs.) torque.

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) Remove lower anchor from wheelhouse (Fig. 89).
(5) Remove D-pillar trim panel.
(6) Route seat belt webbing and turning loop through access hole in quarter trim.
(7) Remove bolts attaching seat belt guide loop to inner quarter panel.
(8) Remove anchor bolt attaching retractor to inner quarter panel.
(9) Remove second rear seat belt retractor from vehicle (Fig. 89).

REMOVAL AND INSTALLATION (Continued)

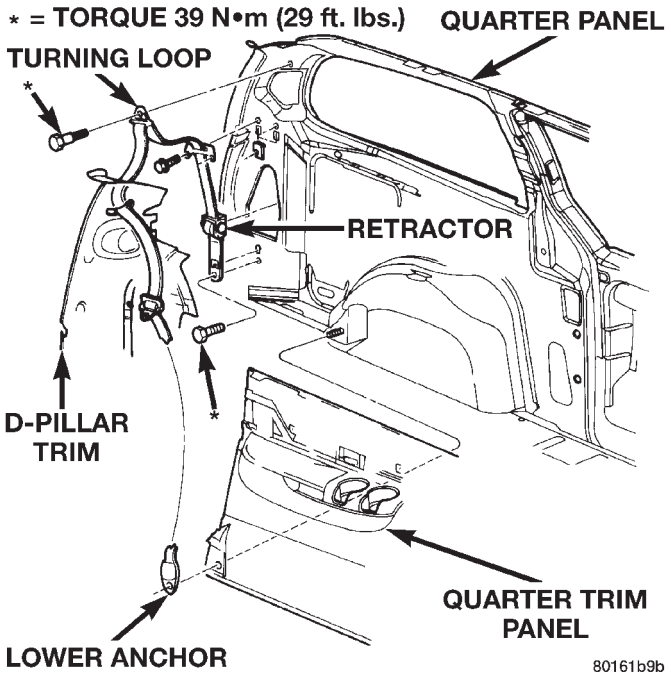


Fig. 89 Seat Belt Second Rear Outboard – SWB

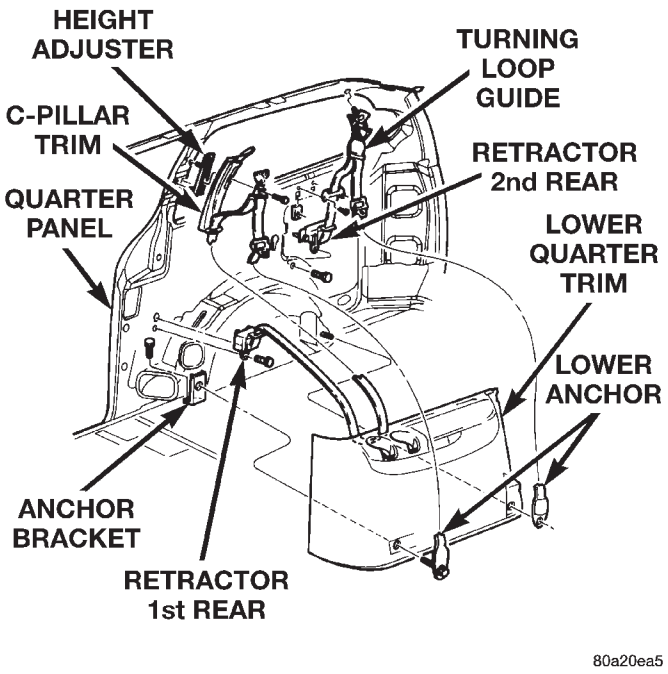


Fig. 90 Second Right Rear Outboard Seat Belt – LWB

INSTALLATION

For installation, reverse the above procedures. Tighten all seat belts to 39 N·m (29 ft. lbs.) torque.

SEAT BELT SECOND RIGHT REAR OUTBOARD – 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. 90).

(4) Remove 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. 90).

(7) Remove 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 attaching retractor to inner quarter panel (Fig. 90).

(12) Remove screw attaching retractor to inner quarter panel.

(13) Remove second rear seat belt retractor from vehicle.

INSTALLATION

(1) Position second rear seat belt retractor in vehicle.

(2) Install screw attaching retractor to inner quarter panel.

(3) Install bolt to attach retractor to inner quarter panel.

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

(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. Tightening specifications for all seat belt bolts is 39 N·m (29 ft. lbs.) torque.

(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 HVAC

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) Remove lower anchor from wheelhouse.

(5) Fold upper turning loop extension cover downward to gain access to anchor bolt.

REMOVAL AND INSTALLATION (Continued)

(6) Remove bolt attaching turning loop to extension bracket above quarter glass.
(7) Remove 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 HVAC unit.
(11) Route seat belt webbing and turning loop through access hole in quarter trim.
(12) Loosen HVAC unit enough to gain access to seat belt retractor fasteners.
(a) Remove bracket around HVAC unit (Fig. 91).
(b) Remove air duct (Fig. 92).
(c) Remove fasteners holding HVAC unit to inner quarter panel (Fig. 93).
(d) Remove screws attaching upper evaporator housing to lower evaporator housing.
(e) Remove coolant line retaining bracket holddown bolt.
(13) Remove bolts attaching seat belt guide loop to inner quarter panel.
(14) Pull outward on HVAC unit and remove bolt holding retractor to inner quarter panel.
(15) Remove screw attaching retractor to inner quarter panel.
(16) Remove second rear seat belt retractor from vehicle.

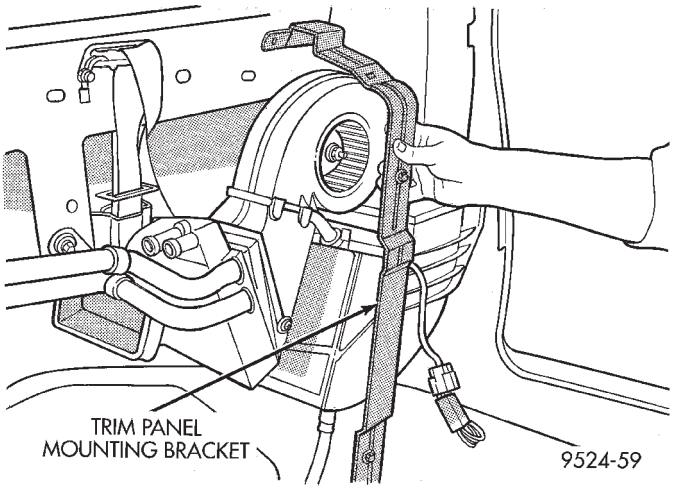


Fig. 91 Trim Panel Mounting Bracket

INSTALLATION

(1) Position second rear seat belt retractor to vehicle.
(2) Install screw attaching retractor to inner quarter panel.
(3) Pull outward on HVAC unit and install bolt attaching retractor to inner quarter panel.
(4) Install bolts attaching seat belt guide loop to inner quarter panel.
(5) Install coolant line retaining bracket holdown bolt.

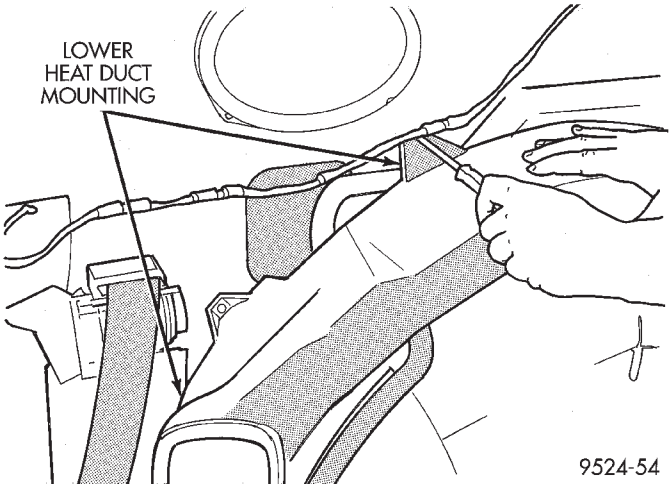


Fig. 92 Lower Heater Duct

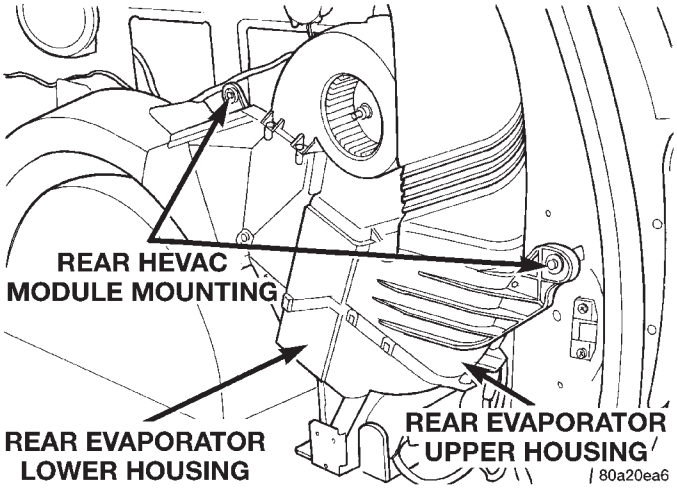


Fig. 93 Rear HVAC Mounting

(6) Install screws holding upper evaporator housing to lower evaporator housing.
(7) Install fasteners attaching HVAC unit to inner quarter panel.
(8) Install air duct.
(9) Install bracket around HVAC 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 HVAC unit.
(12) Install quarter trim bolster.
(13) Install D-pillar trim panel.
(14) Position turning loop to extension bracket.
(15) Install bolt attaching 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.

REMOVAL AND INSTALLATION (Continued)

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) Remove height adjuster from vehicle (Fig. 94).

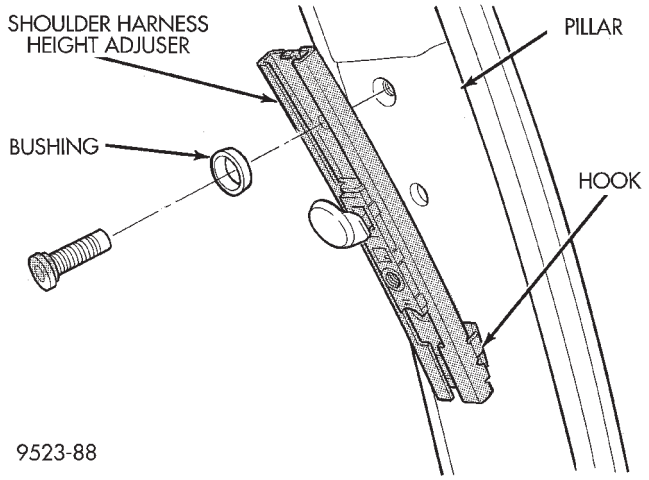


Fig. 94 Shoulder Belt Height Adjuster

INSTALLATION

For installation, reverse the above procedures. Tighten seat belt anchor bolts to 39 N·m (29 ft. lbs.) torque.

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. 95).

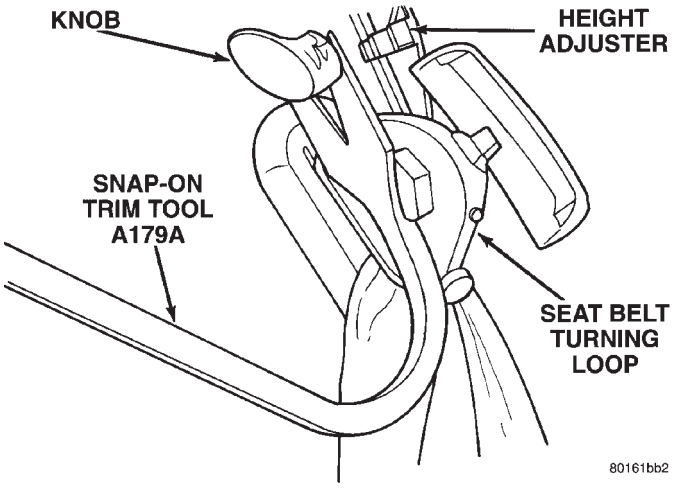


Fig. 95 Shoulder Belt Height Adjuster Knob

INSTALLATION

(1) Place shoulder belt height adjuster knob in position on height adjuster.

(2) Push knob on until retainers engage.

SIDE VIEW MIRROR

REMOVAL

(1) Release front door latch and open door.

(2) Remove screw holding molding to base of side view mirror (Fig. 96).

(3) Remove molding from mirror.

(4) Remove bolts holding bottom of side view mirror to A-pillar.

(5) Remove bolt attaching top of side view mirror to A-pillar (Fig. 96).

(6) If equipped, disconnect power side view mirror wire connector from instrument panel harness.

(7) Remove side view mirror from vehicle.

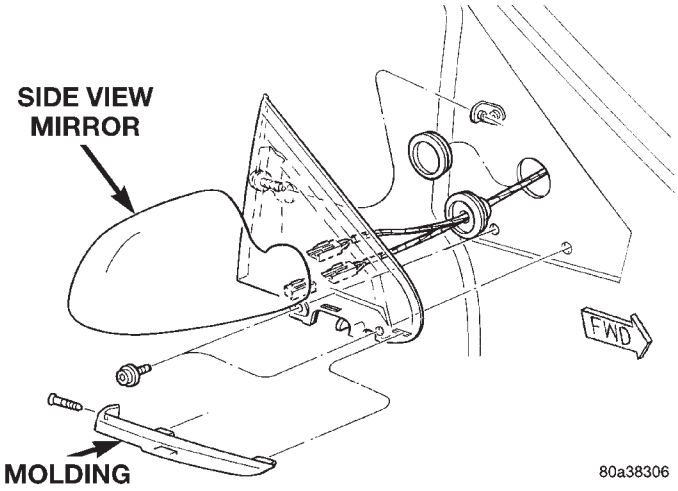


Fig. 96 Side View Mirror

INSTALLATION

(1) Connect power side view mirror wire connector into instrument panel harness, if equipped.

(2) Place side view mirror in position on vehicle (Fig. 96).

(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.

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 AND INSTALLATION (Continued)

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. 97).

(5) Remove stop bumper from upper roller arm.

(6) Remove center stop bumper trim cover from sliding door (Fig. 98).

(7) Remove center stop from sliding door.

(8) Remove sliding door sill plate.

(9) Remove hold open latch striker (Fig. 99).

(10) Open quarter glass.

(11) Remove center roller channel end cover (Fig. 100).

(12) Support sliding door on a suitable lifting device with a padded upper surface. The door must be moveable with lifting device in place.

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

(13) Roll door rearward until lower rollers disengage from lower channel.

(14) Roll the door rearward until the upper (Fig. 101) and center hinge rollers exit the upper and center channels (Fig. 102).

(15) Remove sliding door from vehicle.

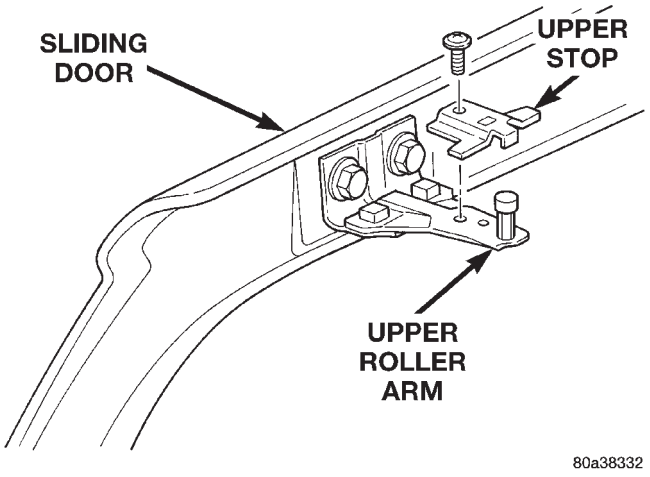


Fig. 97 Sliding Door Upper Stop

INSTALLATION

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

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

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

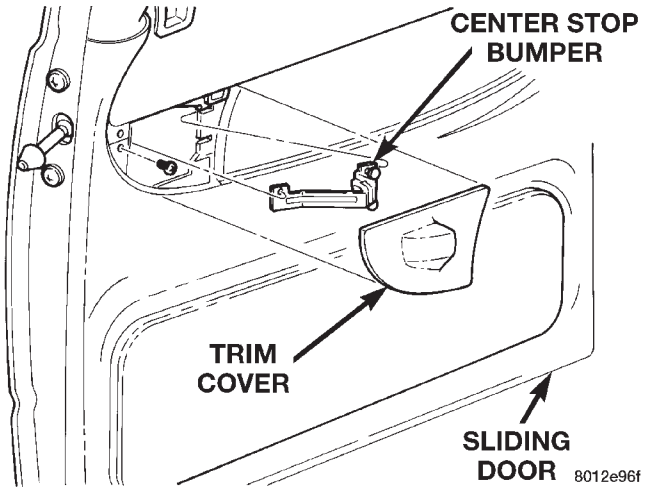


Fig. 98 Sliding Door Center Stop Bumper

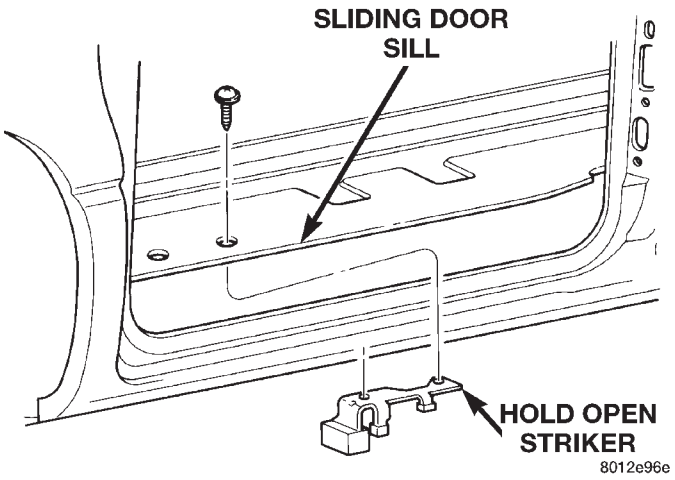


Fig. 99 Sliding Door Hold Open Latch Striker

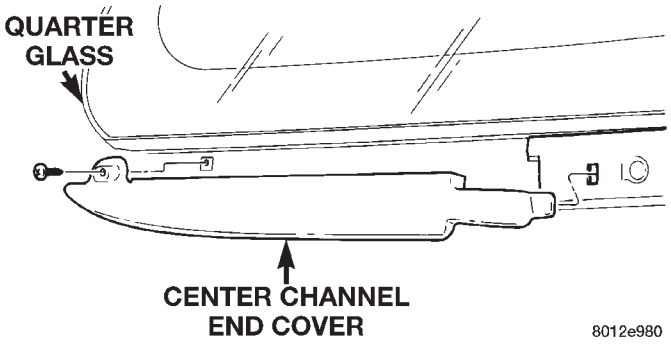


Fig. 100 Center Channel End Cover

(3) Engage the center hinge rollers into the center channels (Fig. 102).

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

(5) Engage the upper hinge into the upper channels (Fig. 101).

(6) Install hold open latch striker (Fig. 99).

(7) Install sliding door sill plate.

REMOVAL AND INSTALLATION (Continued)

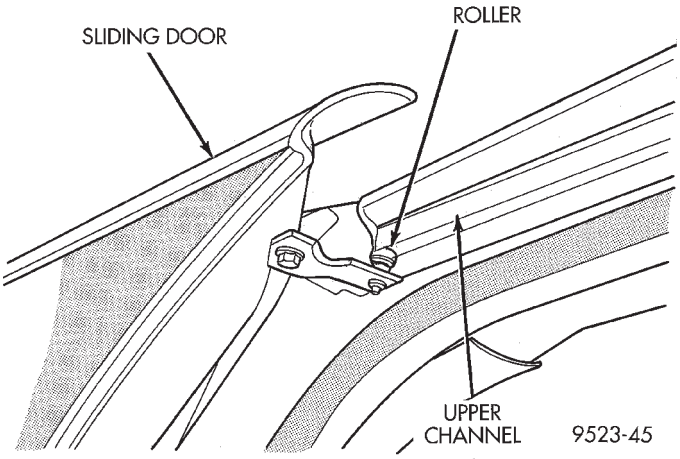


Fig. 101 Sliding Door Upper Roller

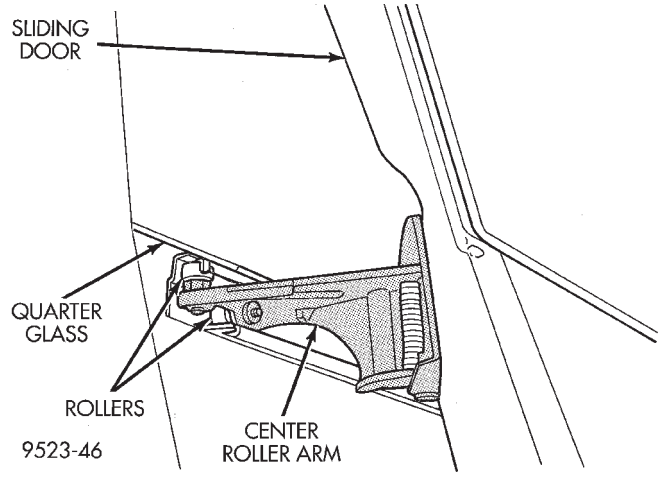


Fig. 102 Sliding Door Center Roller

(8) Install center roller channel end cover (Fig. 100).

(9) Install center stop on sliding door (Fig. 98).

(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. 97).

(13) Remove masking tape from body surfaces.

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

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) Remove 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. Refer to Siding Door Center Hinge Adjustment.

(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 CENTER STOP TRIM COVER

REMOVAL

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

(2) Remove trim cover from vehicle (Fig. 103).

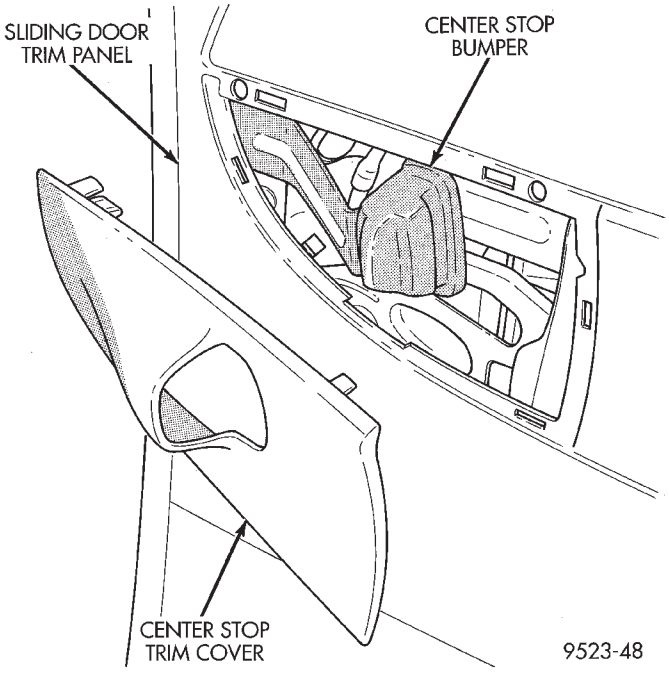


Fig. 103 Sliding Door Center Stop Trim Cover

INSTALLATION

For installation, reverse the above procedures.

REMOVAL AND INSTALLATION (Continued)

SLIDING DOOR CENTER STRIKER ASSEMBLY

REMOVAL

(1) Remove sliding door trim panel.
(2) Remove screws attaching center striker assembly to door end frame (Fig. 104).
(3) Remove center striker assembly from door through access hole.

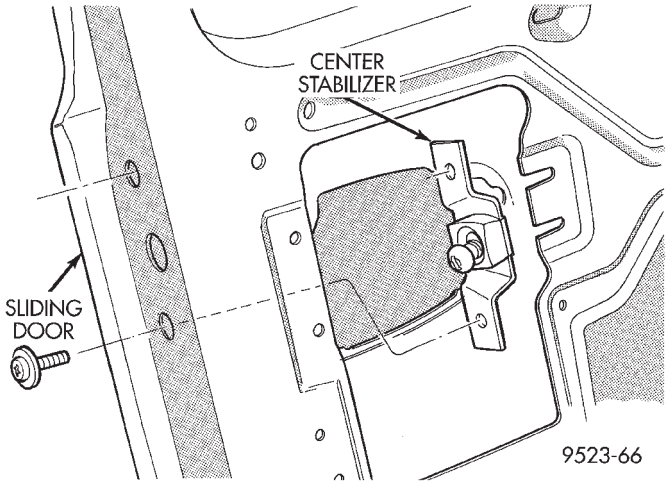


Fig. 104 Sliding Door Center Striker Assembly

INSTALLATION

(1) Place center striker in position on door through access hole.
(2) Install screws to attach center striker to door end frame.
(3) Install sliding door trim panel.

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. 105).
(4) Separate hold open latch from lower arm.
(5) Disconnect cable from hold open latch.
(6) Remove hold open latch from vehicle.

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.

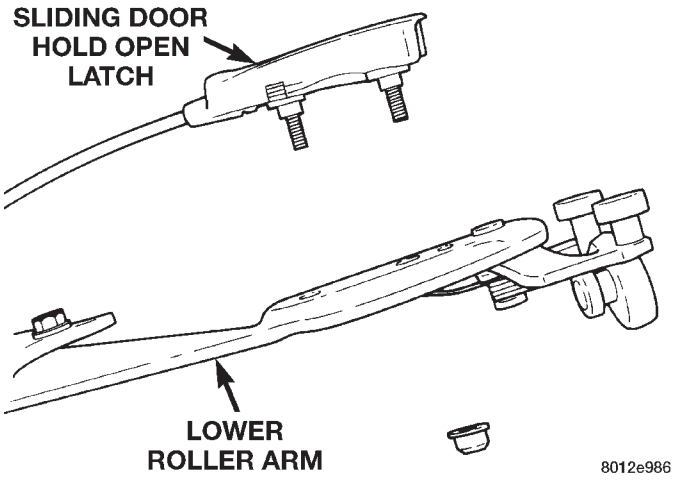


Fig. 105 Sliding Door Hold Open Latch

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. 106).
(4) Remove hold open latch striker from vehicle.

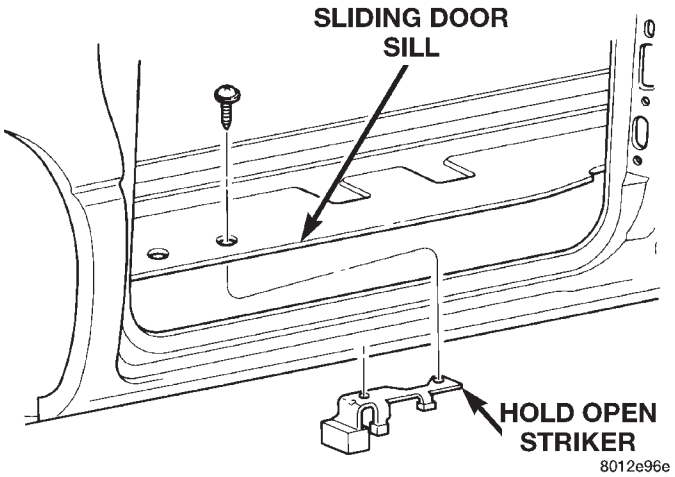


Fig. 106 Sliding Door Hold Open Latch Striker

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.

REMOVAL AND INSTALLATION (Continued)

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.
(3) Remove screws holding bottom of inside latch handle to sliding door (Fig. 107).
(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) Remove 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. 108).
(10) Disengage cable end from latch handle.
(11) Remove handle from vehicle.

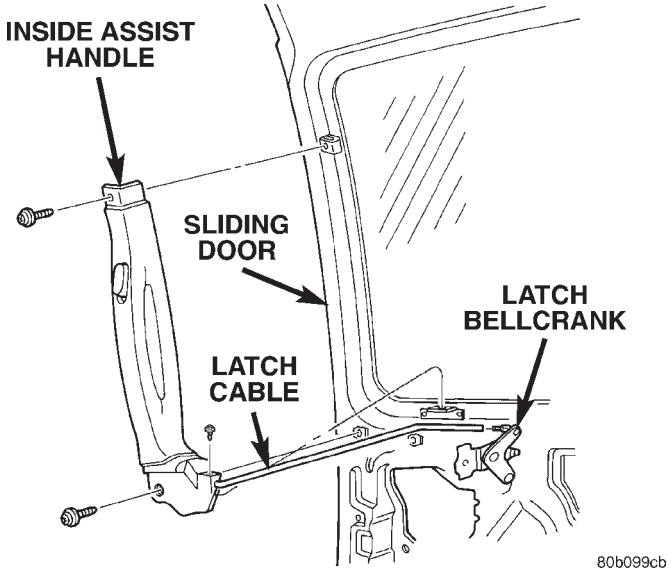


Fig. 107 Sliding Door Inside Handle

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.
(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.

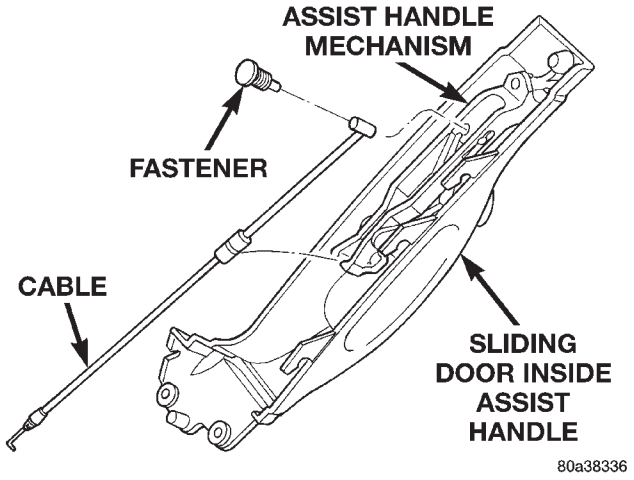


Fig. 108 Sliding Door Handle Cable

(11) Install sliding door trim panel.
(12) Install sliding door upper molding.

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) Remove cable from bellcrank.
(8) Remove screw holding bellcrank to inner door panel (Fig. 109).
(9) Remove bellcrank from vehicle.

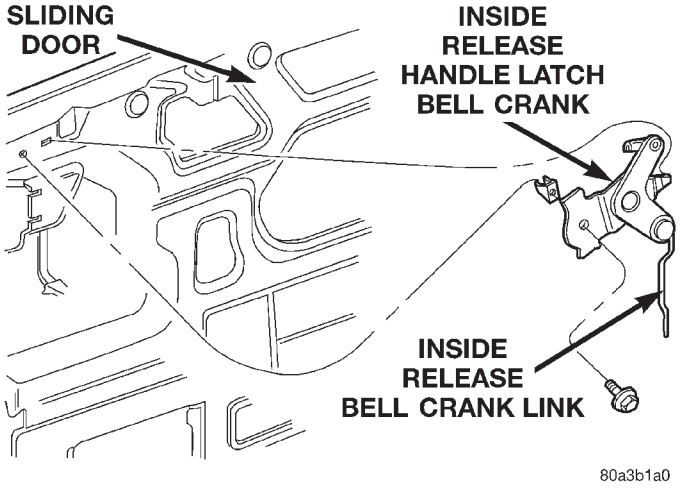


Fig. 109 Inside Latch Handle Bellcrank

REMOVAL AND INSTALLATION (Continued)

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.
(9) Install sliding door trim panel.

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. 108).
(3) Disengage cable end from release mechanism.
(4) Disengage latch cable from assist handle.
(5) Remove screws holding release mechanism to handle (Fig. 110).
(6) Remove release mechanism from handle.
(7) Rotate latch release button away from mechanism until flats on button pivots align with slots in mechanism (Fig. 111).
(8) Remove button from release mechanism.

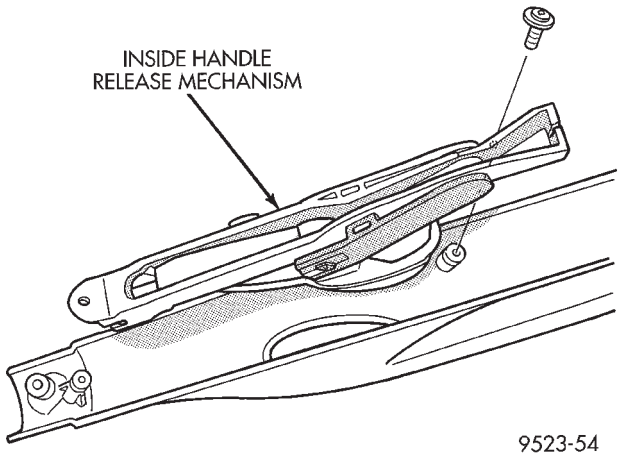


Fig. 110 Sliding Door Inside Latch Release Mechanism

INSTALLATION

(1) Position button on release mechanism.
(2) Align and engage flats on button pivots into slots in mechanism (Fig. 111).
(3) Rotate latch release button into mechanism.

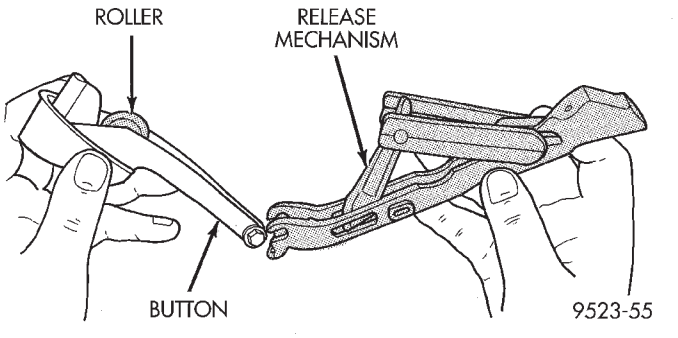


Fig. 111 Sliding Door Inside Latch Button

(4) Place release mechanism in position on handle.
(5) Install screws to hold release mechanism to handle (Fig. 110).
(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 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. 112).
(4) Remove striker from vehicle.

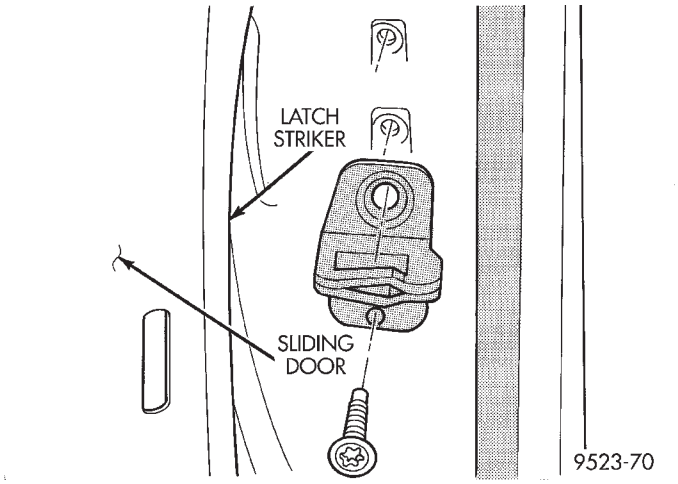


Fig. 112 Sliding Door Latch Striker

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.

REMOVAL AND INSTALLATION (Continued)

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. 113).
(5) With sliding door ajar, disengage clip holding rear latch link to latch/lock control (Fig. 114) (Fig. 115).
(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) Remove rear latch link from latch/lock control.
(8) Disengage clip holding outside door handle link to latch/lock control (Fig. 115).
(9) Remove outside door handle link from latch/lock control.
(10) Disengage clip holding inside door handle bellcrank link to latch/lock control (Fig. 115).
(11) Separate inside door handle bellcrank link from latch/lock control.
(12) Disengage clip holding lock cylinder link to latch/lock control.
(13) Remove lock cylinder link from control.
(14) Disengage clip holding inside lock link to latch/lock control.
(15) Remove inside lock link from control.
(16) Disengage lock tabs holding hold open latch cable case to latch/lock control.
(17) Remove hold open latch cable ball end from latch/lock control.
(18) Loosen bolts holding latch/lock control to sliding door.
(19) If equipped, disconnect wire connector from power door lock motor.
(20) Remove latch/lock from vehicle.

INSTALLATION

(1) Position latch/lock locking lever in unlocked position.
(2) Engage rigging cam (Fig. 114).
(3) Place latch/lock in position on vehicle.
(4) If equipped, engage wire connector into power door lock motor.
(5) Insert bolt heads into slots in sliding door inner panel.
(6) Tighten bolts to hold latch/lock control to sliding door.

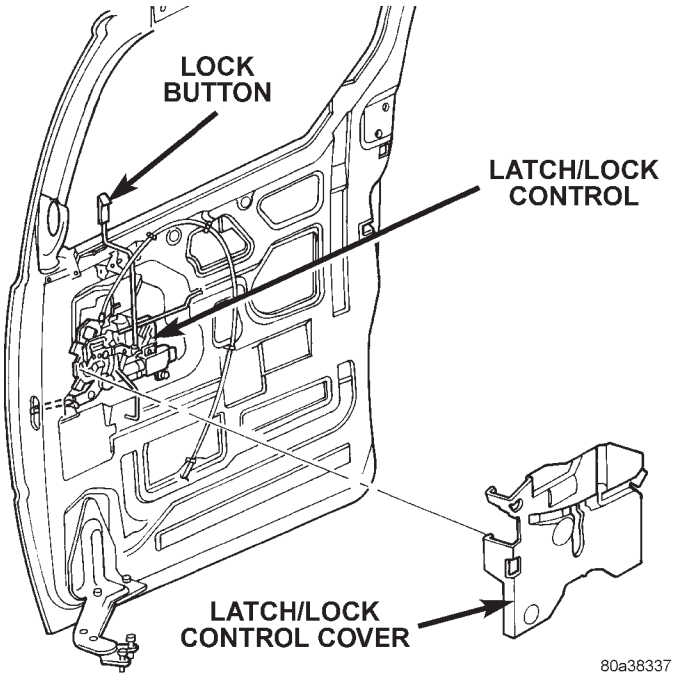


Fig. 113 Latch/Lock Cover

(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.
(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. 114).
(14) Engage clip to hold bellcrank link to latch/lock control.
(15) Lower clip for outside door handle link to bottom of slot in mechanism and engage link to clip (Fig. 114).

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.

REMOVAL AND INSTALLATION (Continued)

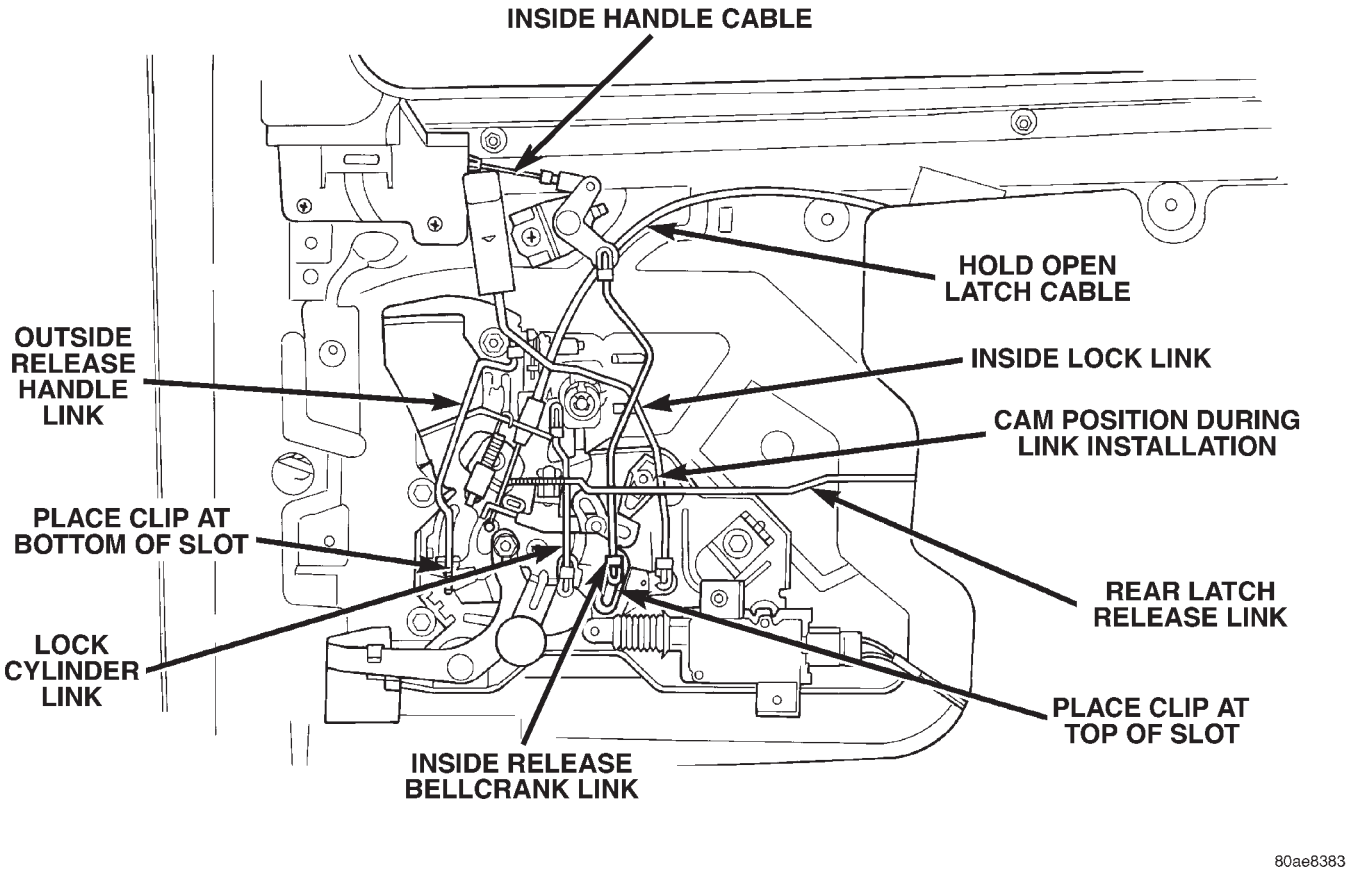


Fig. 114 Sliding Door Latch/Lock Control Linkage

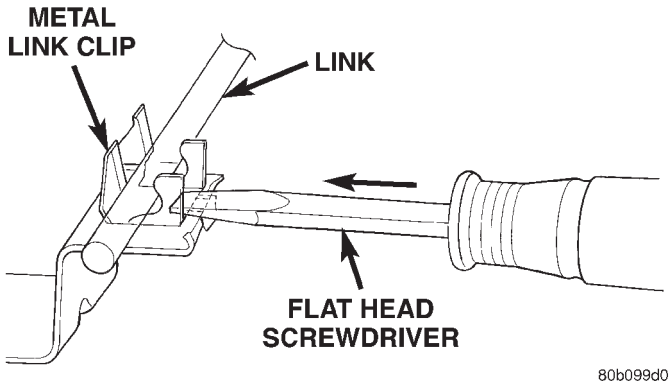


Fig. 115 Latch/Lock Control Link Removal

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.

(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. 116).

(8) Remove roller arm from sliding door.

(9) Disengage roller arm from lower channel (Fig. 117).

(10) Remove roller arm from vehicle.

INSTALLATION

For installation, reverse the above procedures.

SLIDING DOOR LOWER ROLLER ARM BRACKET

REMOVAL

(1) Remove access hole plug.

(2) Open sliding door.

(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. 118).

(7) Remove lower roller bracket from vehicle.

REMOVAL AND INSTALLATION (Continued)

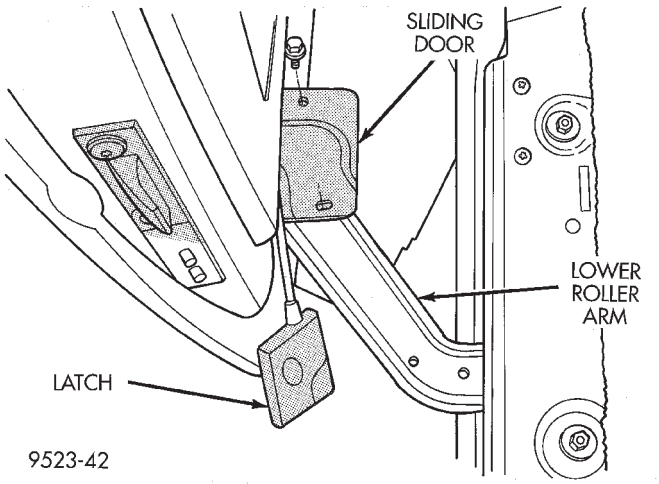


Fig. 116 Sliding Door Lower Roller Arm

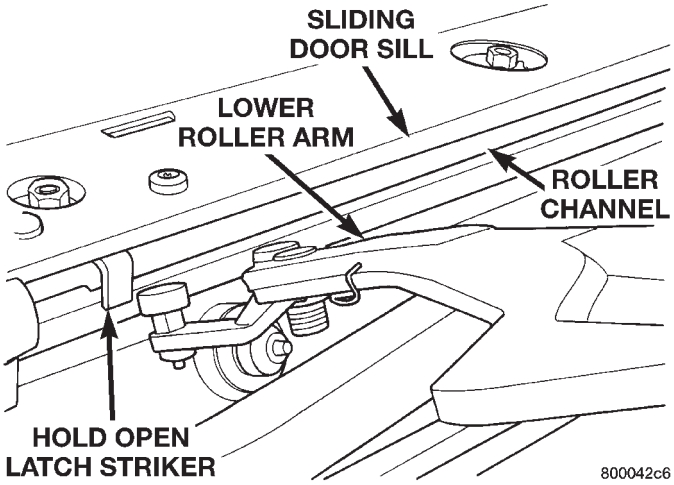


Fig. 117 Sliding Door Roller Arm Channel

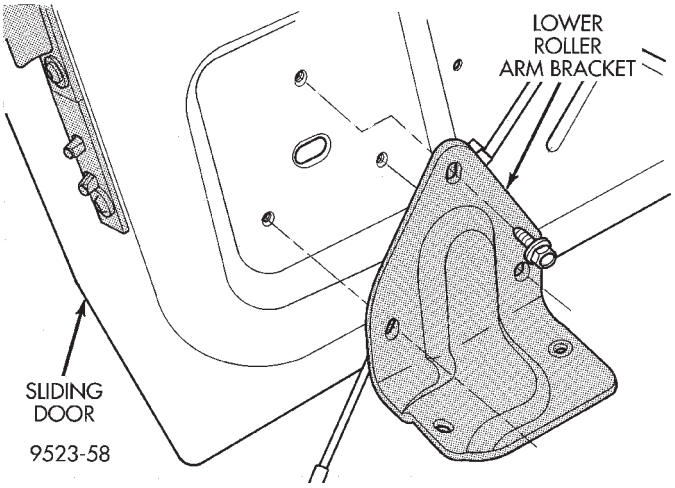


Fig. 118 Sliding Door Lower Roller Arm Bracket

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.

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.

(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. 119).

(9) Remove outside door handle from vehicle.

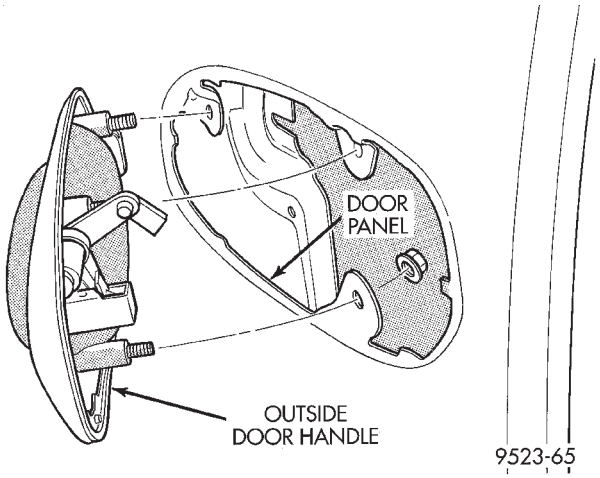


Fig. 119 Sliding Door Outside Latch Release Handle

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.

REMOVAL AND INSTALLATION (Continued)

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. 120).
(6) Remove sliding door rear latch from door through rear access hole.

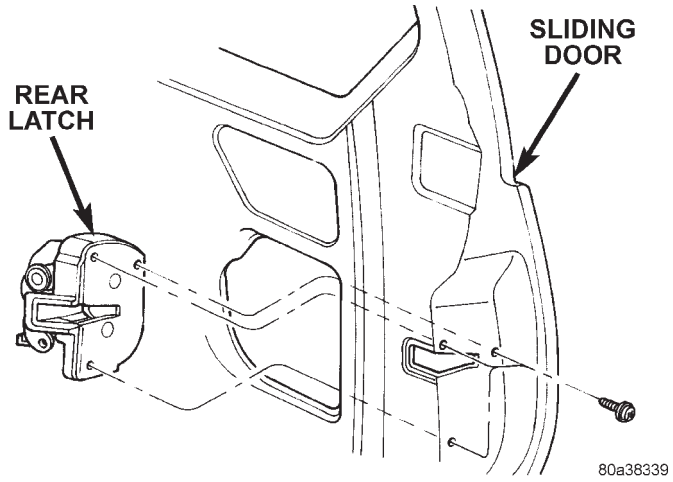


Fig. 120 Sliding Door Rear Latch

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 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. 121).
(3) Remove sill plate from vehicle.

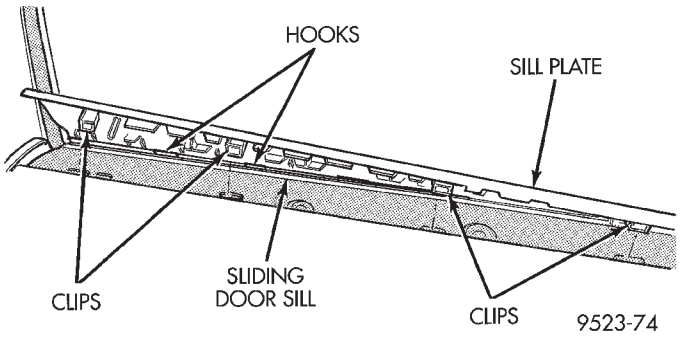


Fig. 121 Sliding Door Sill Plate

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.

SLIDING DOOR STABILIZER

REMOVAL

(1) Open sliding door.
(2) Remove screws holding stabilizer to door end frame (Fig. 122).
(3) Remove stabilizer from vehicle.

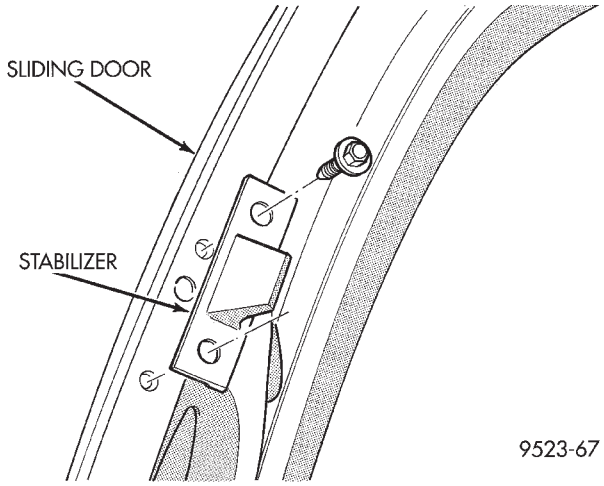


Fig. 122 Sliding Door Stabilizer

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. 123).

(3) Remove stabilizer socket from vehicle.

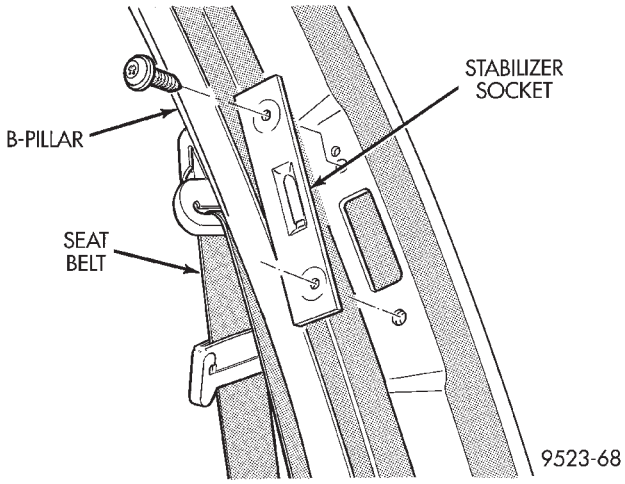


Fig. 123 Sliding Door Stabilizer Socket

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 STOP BUMPER

REMOVAL

(1) Remove center stop bumper trim panel.

(2) Loosen screws holding rear of stop bumper to door inner panel (Fig. 124).

(3) Remove screw holding front of stop bumper to door inner panel.

(4) Remove 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. 124).

(3) Tighten screws to hold rear of stop bumper to door inner panel.

(4) Install trim panel.

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. 126).

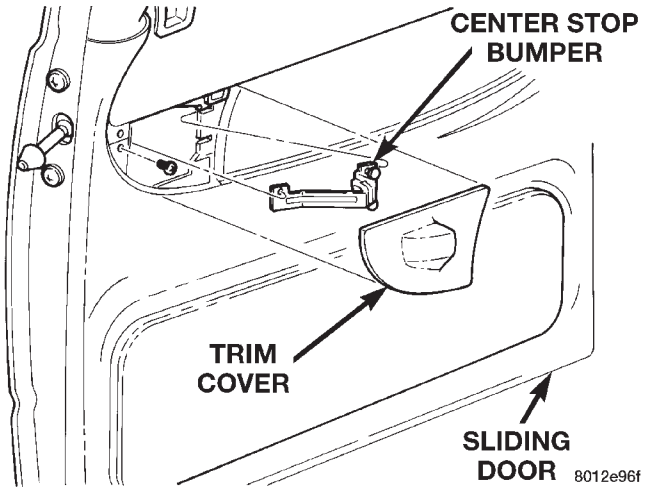


Fig. 124 Sliding Door Stop Bumper

(4) Disengage push-in fasteners holding trim to door panel around perimeter and upper edge of door (Fig. 125).

(5) Remove sliding door trim panel from vehicle.

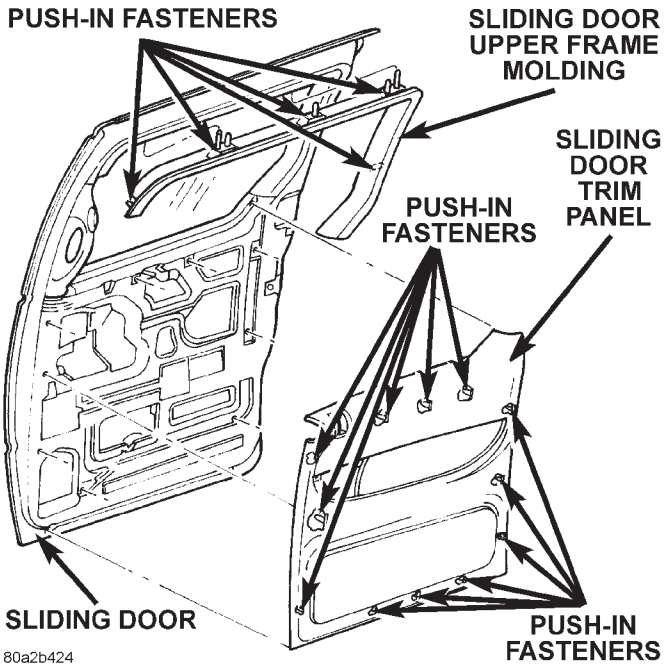


Fig. 125 Sliding Door Trim Panel

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. 125).

(4) Install screws to hold trim panel to inner door panel.

REMOVAL AND INSTALLATION (Continued)

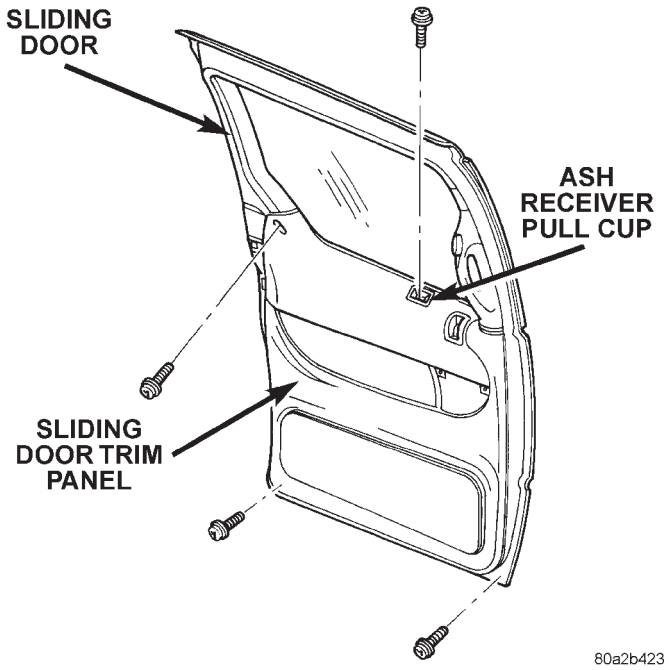


Fig. 126 Sliding Door Trim Panel Screws

(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 UPPER ROLLER

REMOVAL

(1) Open sliding door, do not latch open.
(2) Remove screw holding upper stop bracket to upper roller bracket (Fig. 127).
(3) Remove 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.
(6) Remove bolts holding upper roller to sliding door (Fig. 128).
(7) Remove upper roller from door.
(8) Slide roller out of rear end of roof rail channel.
(9) Remove upper roller from vehicle.

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.

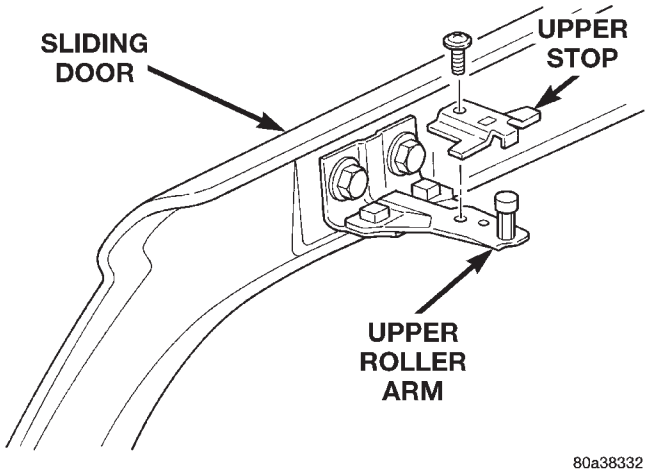


Fig. 127 Sliding Door Upper Stop

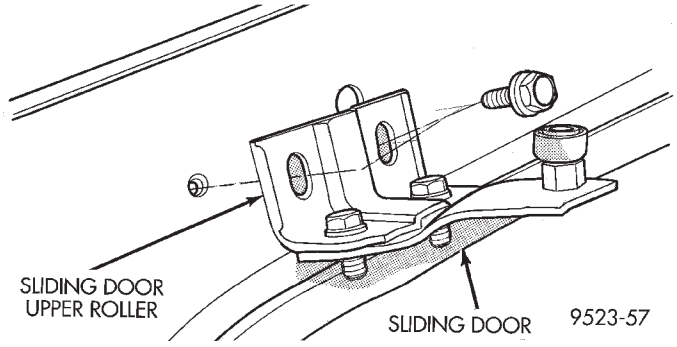


Fig. 128 Sliding Door Upper Roller

(9) Verify sliding door alignment and operation. Adjust as necessary.

SLIDING DOOR WEATHER-STRIP

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 weather-strip from pinch flange around door opening.

INSTALLATION

For installation, reverse the above procedures.

STICK-ON BODY SIDE MOLDING

REMOVAL

Refer to (Fig. 129), (Fig. 130), (Fig. 131), (Fig. 132) or (Fig. 133) 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.

REMOVAL AND INSTALLATION (Continued)

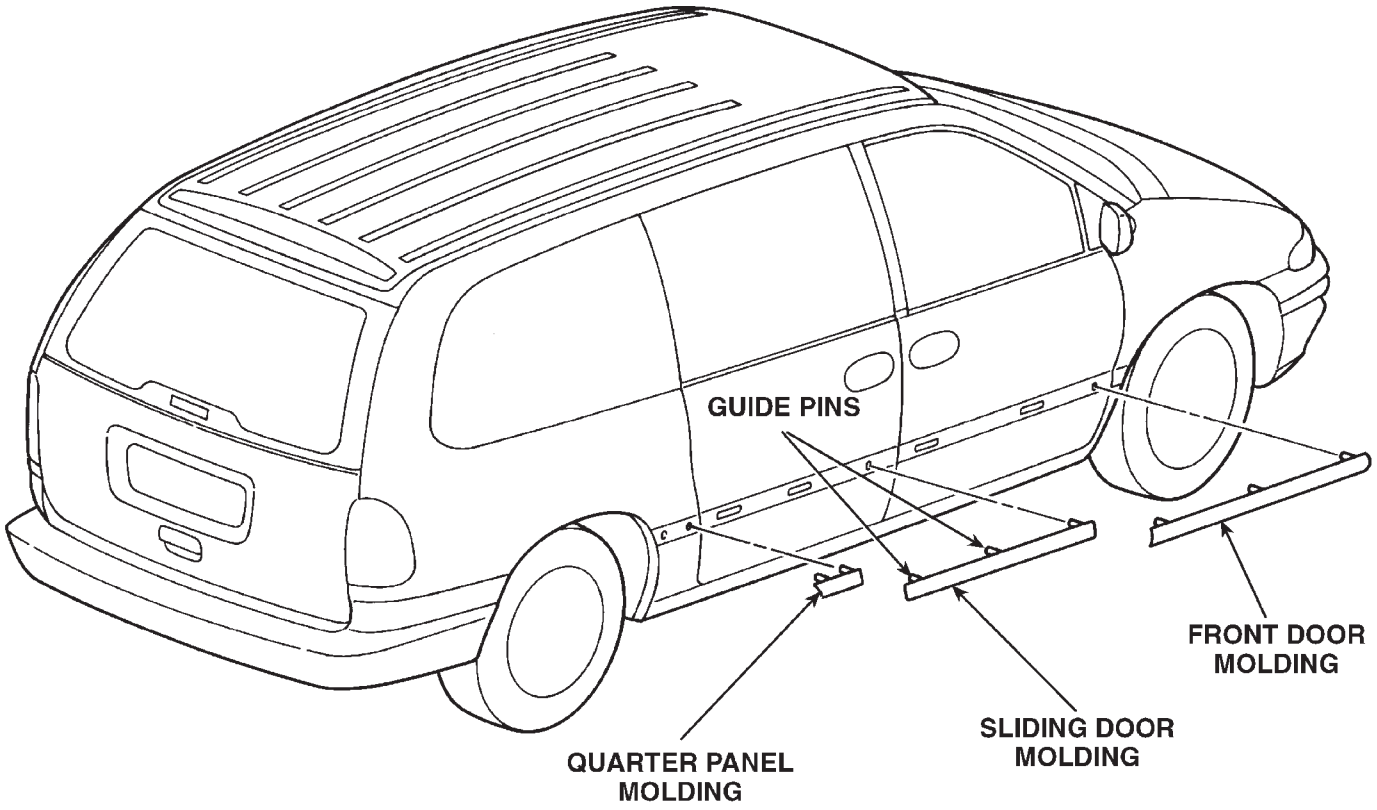


Fig. 129 Body Side Moldings – Base

(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. 129), (Fig. 130), (Fig. 131), (Fig. 132) or (Fig. 133) 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.

(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.

SUN VISOR

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

REMOVAL

(1) Disengage sun visor from center support.

(2) Remove screws attaching sun visor to roof header (Fig. 134).

(3) Remove sun visor from roof.

(4) If equipped, disconnect illuminated vanity mirror wire connector from body harness.

(5) Remove sun visor from vehicle.

REMOVAL AND INSTALLATION (Continued)

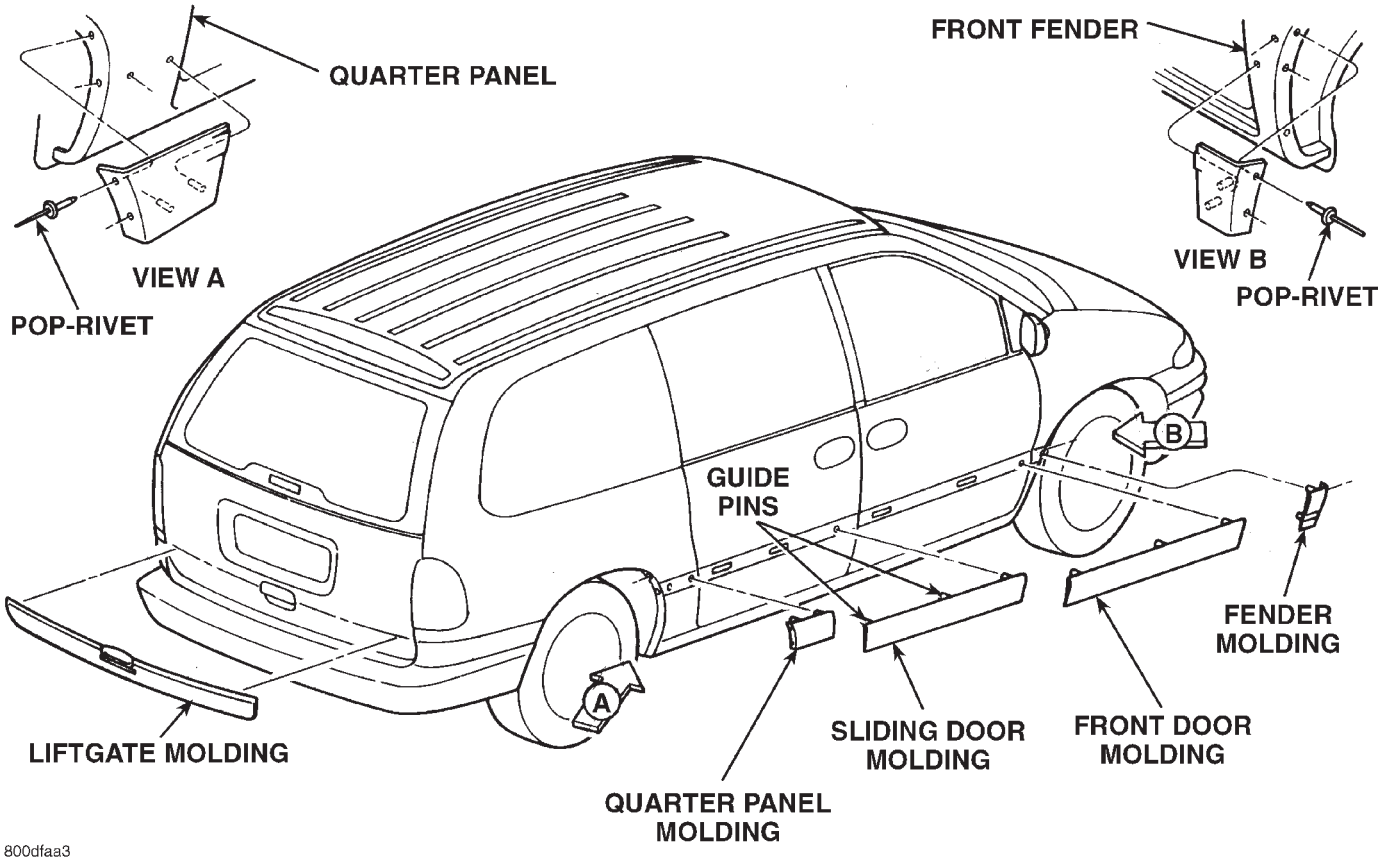


Fig. 130 Body Side Moldings – Highline

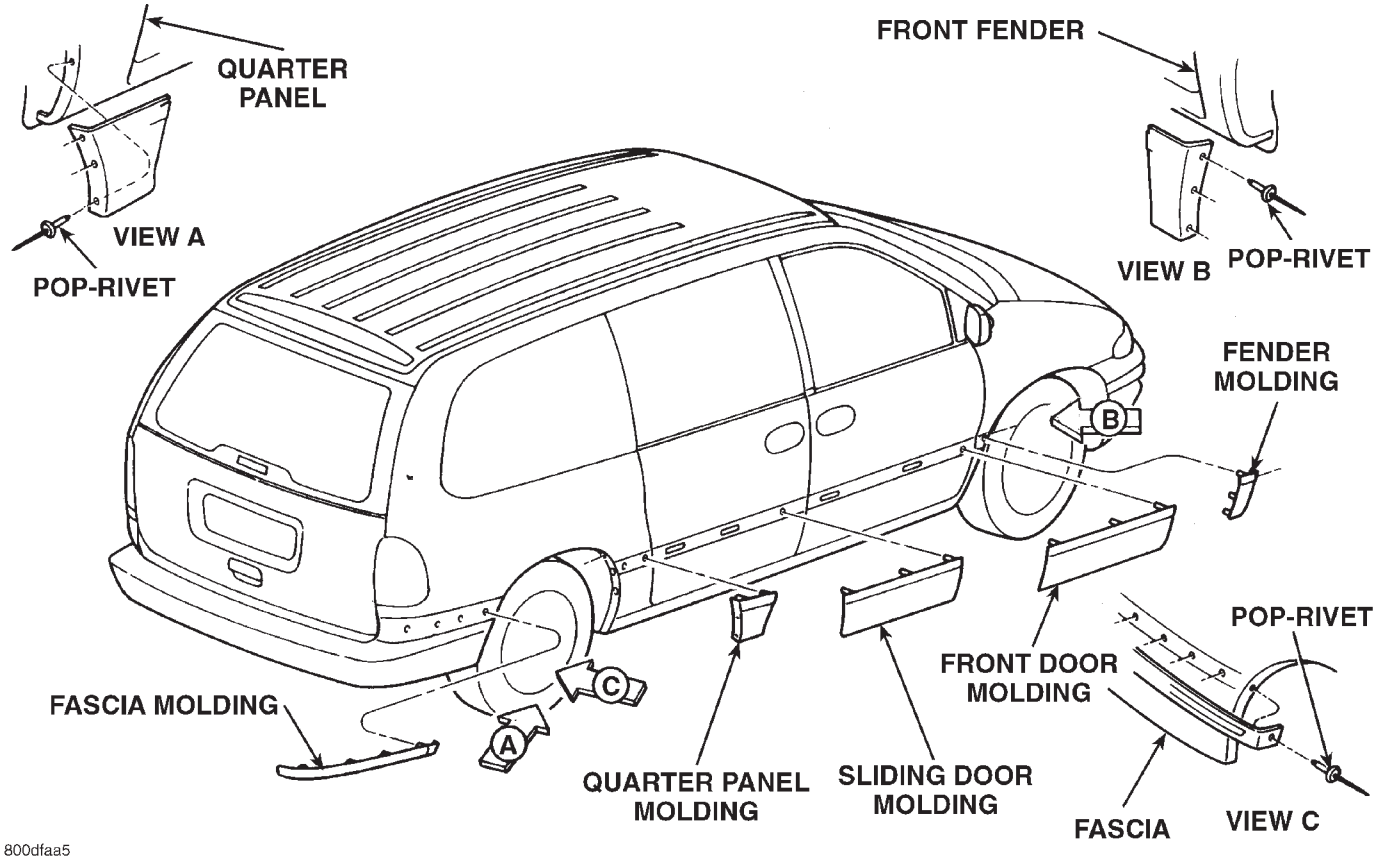


Fig. 131 Body Side Moldings – Premium

REMOVAL AND INSTALLATION (Continued)

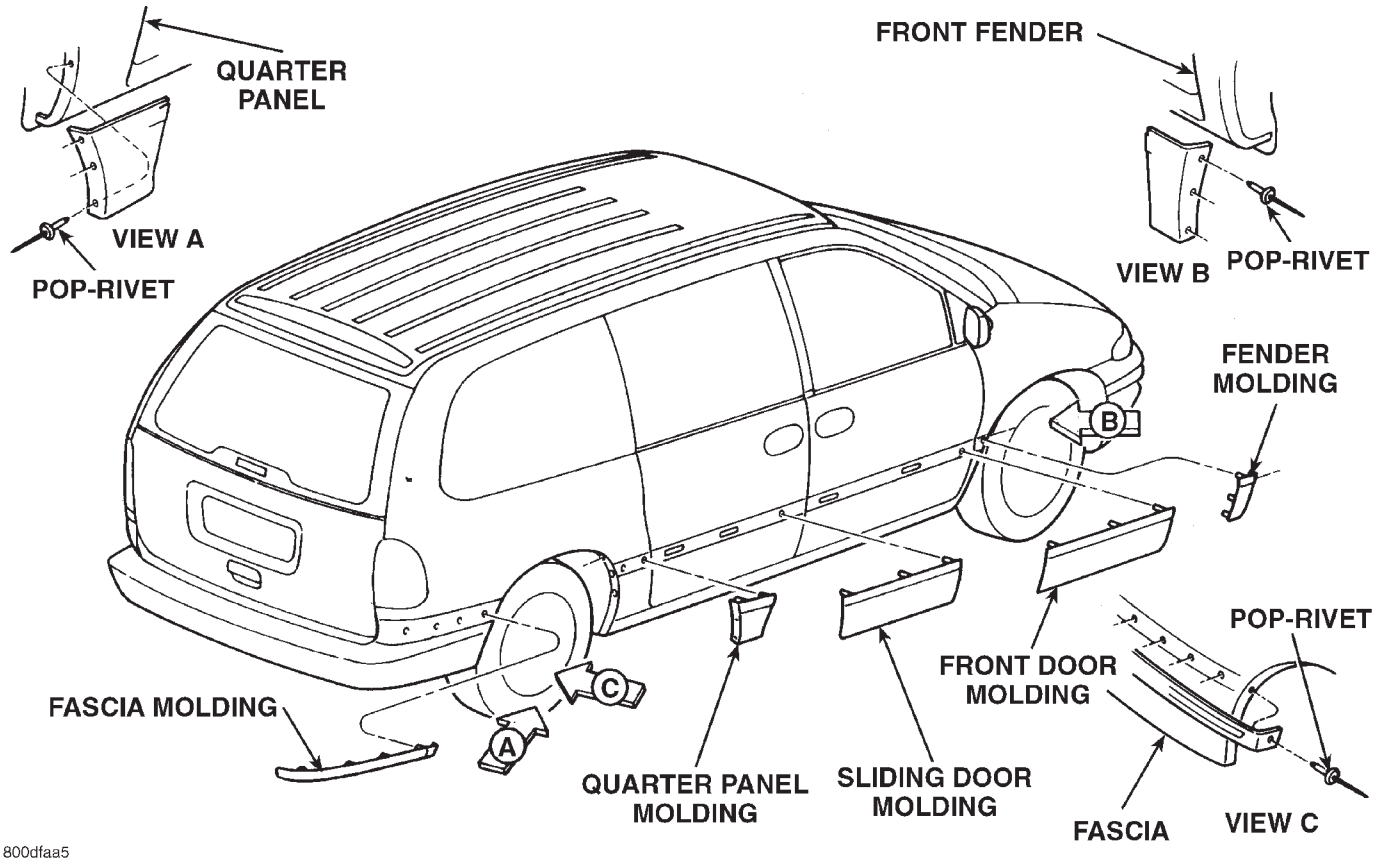


Fig. 132 Body Side Moldings – Luxury

INSTALLATION

(1) Place sun visor in position on vehicle.

(2) Connect 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. 134).

(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. 135).

(3) Remove sun visor support from vehicle.

INSTALLATION

(1) Place sun visor support in position on vehicle.

(2) Install screw holding support to roof header (Fig. 135).

(3) Engage sun visor into support.

UPPER B-PILLAR TRIM COVER

REMOVAL

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

(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) Remove B-pillar trim cover from vehicle (Fig. 136).

REMOVAL AND INSTALLATION (Continued)

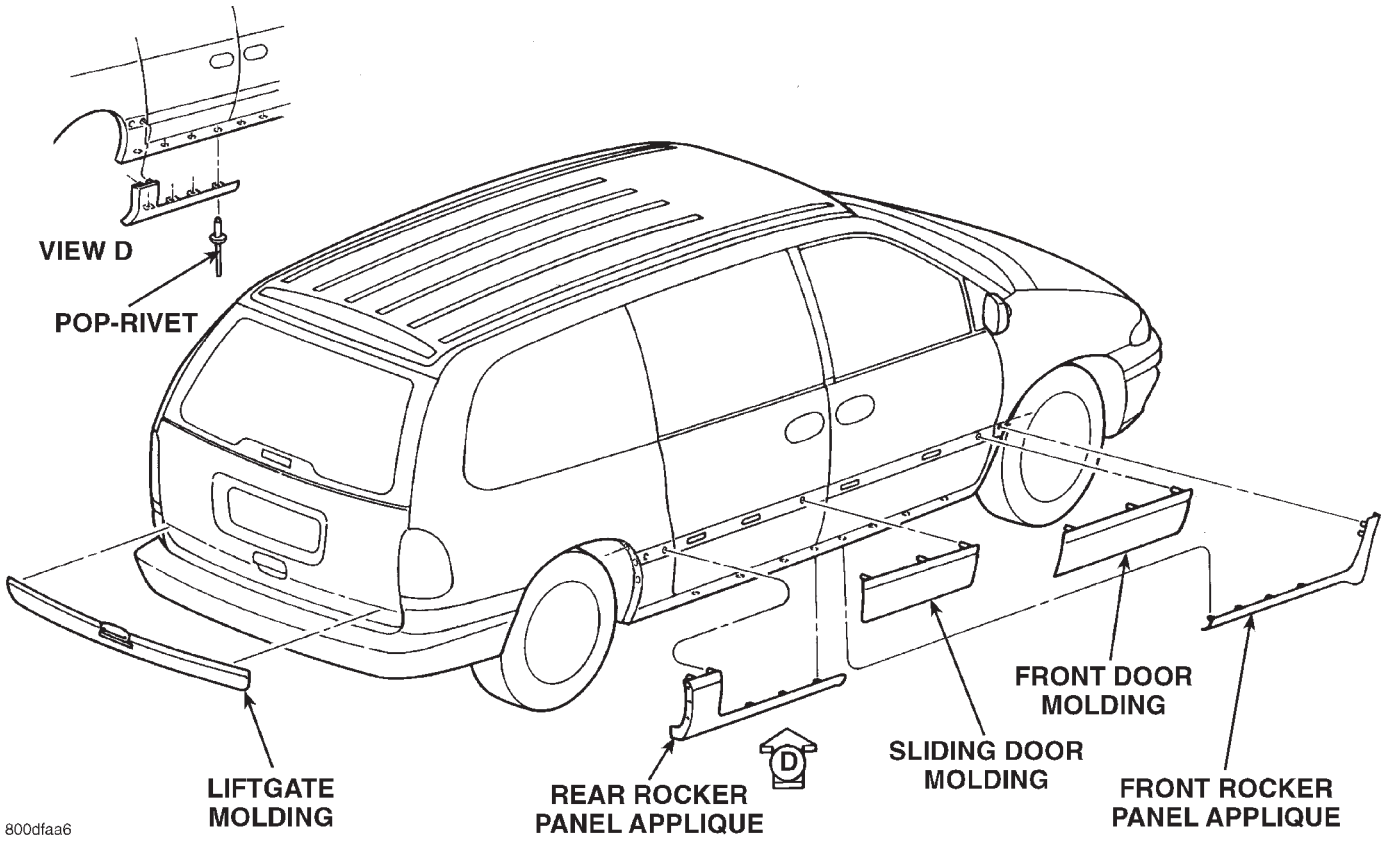


Fig. 133 Body Side Moldings with Applique

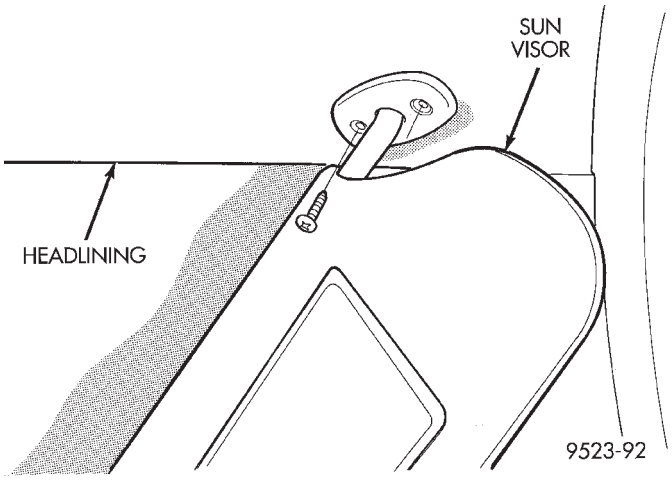


Fig. 134 Sun Visor

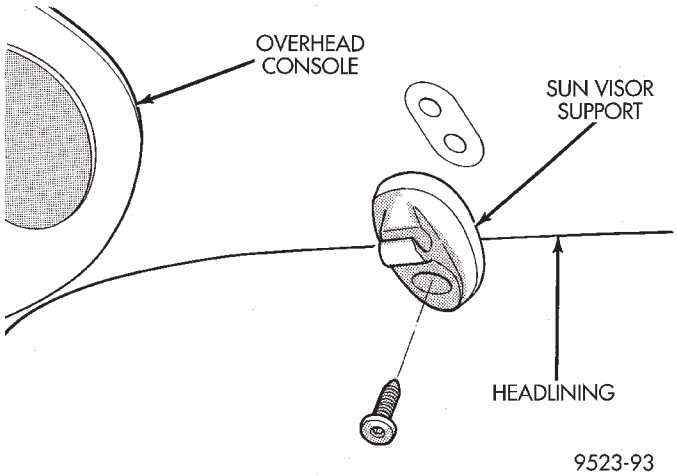


Fig. 135 Sun Visor Support

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. Tighten seat belt bolts to 39 N·m (29 in. lbs.) torque.

REMOVAL AND INSTALLATION (Continued)

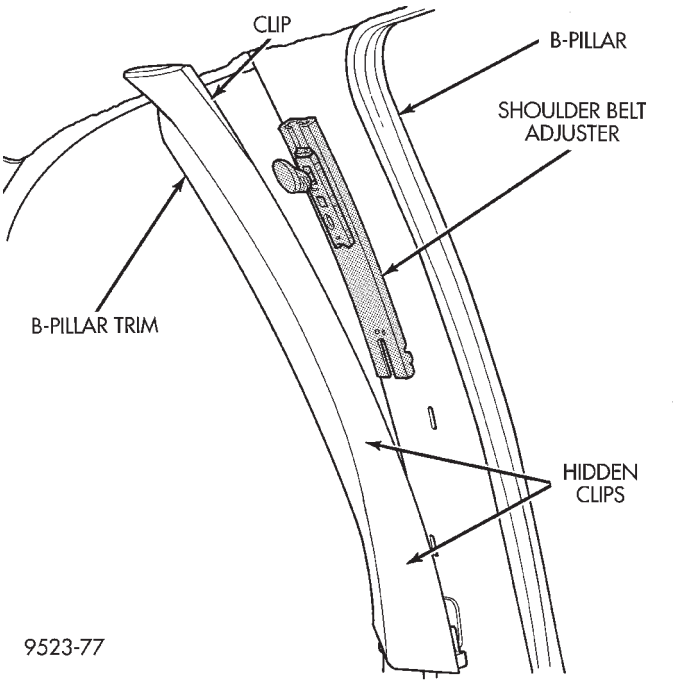


Fig. 136 Upper B-pillar Trim Cover

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) Remove 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. Tighten all seat belt bolts to 39 N·m (29 in. lbs.) torque.
(5) Install quarter trim bolster.

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 mm ± 1 mm.
(4) Check door for height using character lines as a reference. Also check roof contour as a controlling factor.

UP/DOWN ADJUSTMENT

(1) Visually inspect the sliding door for fitting low at the rear of the door by checking the alignment of the belt line of the door to quarter panel.
(2) Fully open the sliding door.
(3) Verify that all center hinge bolts are tight.
(4) Adjust the rear of the sliding door up by turning the center hinge bolt clockwise (Fig. 137).
(5) Close the door and check the sliding door alignment.
(6) Readjust the center hinge if necessary to obtain alignment between the belt line of the sliding door and quarter panel.
(7) Fully open door and apply thread lock nut onto the center hinge bolt. Tighten nut until till it butts up against the welded nut on the center hinge. Tighten nut to 15 N·m (130 in. lbs.). It may be necessary to hold the center hinge bolt to prevent it from turning while tightening nut.
(8) Verify alignment. Re-adjust as necessary.

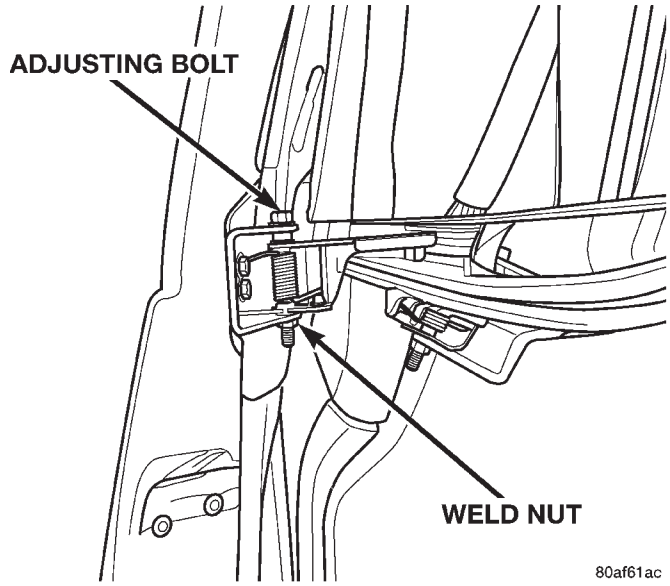


Fig. 137 Sliding Door Center Hinge

FORE/AFT ADJUSTMENT

(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.

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 fore or aft to position the sliding door into the correct location.
(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.

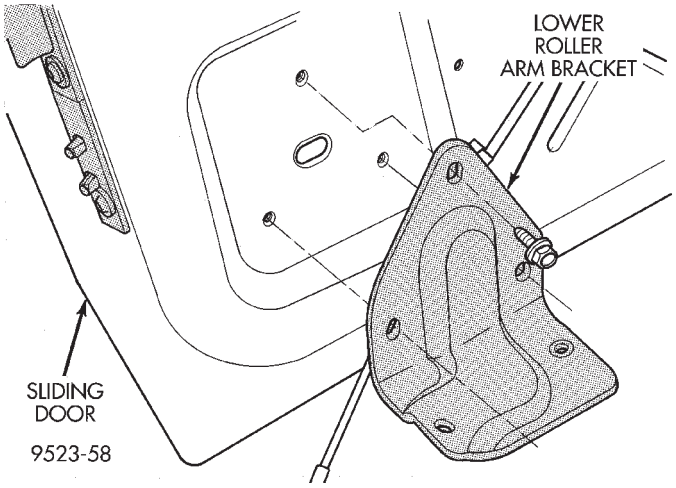


Fig. 138 Sliding Door Lower Roller Arm Bracket

(4) If the sliding door is low at the C-post;
(a) Open the door to mid-point of travel.
(b) Mark outline of center hinge on sliding door to assist in making adjustments.
(c) Adjust the adjustment bolt up or down to move the door position. (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.

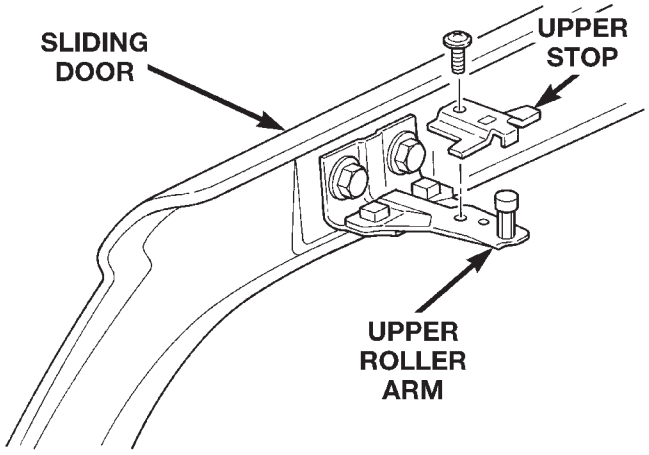


Fig. 139 Sliding Door Upper Roller Arm

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

ADJUSTMENTS (Continued)

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

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 reopen sliding door.

(4) Tighten all bolts.

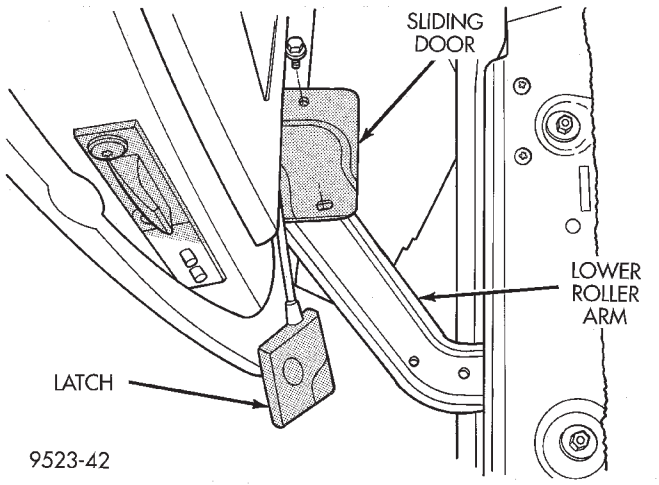


Fig. 140 Sliding Door Lower Roller Arm