BODY

CONTENTS

	page		page
BODY COMPONENTS	16	SEATS	8
GENERAL SERVICE INFORMATION	1	STATIONARY GLASS	4
PAINT	2	SUNROOF	11

GENERAL SERVICE INFORMATION

INDEX

page

GENERAL INFORMATION
SAFETY PRECAUTIONS AND WARNINGS 1

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

INDEX

page

GENERAL INFORMATION
AFTERMARKET PAINT REPAIR PRODUCTS . . . 3
BASE COAT/CLEAR COAT FINISH 2
PAINT CODE 2
PAINTED SURFACE TOUCHUP 2
WET SANDING, BUFFING, AND POLISHING . . . 2

GENERAL INFORMATION

PAINT CODE

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

BASE COAT/CLEAR COAT FINISH

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

WET SANDING, BUFFING, AND POLISHING

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

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

PAINTED SURFACE TOUCHUP

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

TOUCHUP PROCEDURE

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

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

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

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

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

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

GENERAL INFORMATION (Continued)

AFTERMARKET PAINT REPAIR PRODUCTS

1997 EXTERIOR COLORS

EXTERIOR COLOR	CHRY CODE*	PPG	BASF	DUPONT	S-W ACME M-S	AKZO NOBEL SIKKENS
Magenta Clear Coat	SH1	74171	26079	B9615	51522	CHA96:SH1
Flame Red Clear Coat	PR4	4679	23043	B9326	4691	CHA93:PR4
Strawberry Pearl Coat	PRE	4791	24074	B9454	48542	CHA94:PRE
Deep Amethyst Pearl Coat	TCN	5246	27038	B9736	52566	CHA97:TCN
Emerald Green Pearl Coat	PGS	4785	24075	B9460	48539	CHA94:PGS
Bright Jade Satin Glow	SQM	18885	26094	B9620	51534	CHA96:SQM
Lapis Blue Clear Coat	RC4	4935	24098	B9531	50218	CHA95:RC4
Brilliant Blue Pearl Coat	PCH	4784	24073	B9452	48538	CHA94:PCH
Light Iris Pearl Coat	PC5	4788	24078	B9455	48782	CHA94:PC5
Black Clear Coat	DX8	9700	15214	99	35858 90-5950	CHA85:DX8
Bright White Clear Coat	GW7	4037	18238	B8833	37298	CHA88:GW

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

1997 INTERIOR COLORS

INTERIOR COLOR	CHRY CODE	PPG	BASF	DUPONT	S-W ACME M-S
Agate	AZ	9856/2-1461	22135	C9208	45994
Camel	K5	27731	26120	C9603	51541

STATIONARY GLASS

INDEX

page

DESCRIPTION AND OPERATION
SAFETY PRECAUTIONS 4
REMOVAL AND INSTALLATION
QUARTER GLASS 6
REAR WINDOW 7
WINDSHIELD 4

DESCRIPTION AND OPERATION

SAFETY PRECAUTIONS

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

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

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

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

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

ALWAYS WEAR EYE AND HAND PROTECTION WHEN WORKING WITH GLASS.

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

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

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

REMOVAL AND INSTALLATION

WINDSHIELD

The urethane adhesive holding the windshield to the opening pinch weld (fence) can be cut using a sharp cold knife from the exterior of the vehicle. Using the cold knife method is effective if the windshield is already broken. If the glass must be salvaged, cutting the urethane adhesive from the interior of the vehicle using a reciprocating or oscillating power knife is recommended.

RECOMMENDED TOOLS AND ADHESIVE

POWER KNIFE

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

ADHESIVE, PRIMER AND CLEANER

The following urethane adhesive systems are OEM certified and conform to the FMVSS 212 windshield retention standard and the FMVSS 216 roof crush standard.

- Essex™ U-400 HV High Viscosity Adhesive
- Essex™ U-400 Adhesive
- Essex™ U-401 Glass Prep
- Essex™ U-402 Glass Primer
- Essex™ U-413 Pinchweld Primer

WINDSHIELD REMOVAL—EXTERIOR METHOD

(1) Remove inside rear view mirror.
(2) Remove windshield wiper arms.
(3) Remove cowl cover.
(4) Place protective covers over instrument panel and hood.
(5) Remove windshield moldings (Fig. 1) using a suitable hook tool and trim stick.
(6) 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.
(7) Separate windshield from vehicle.

REMOVAL AND INSTALLATION (Continued)

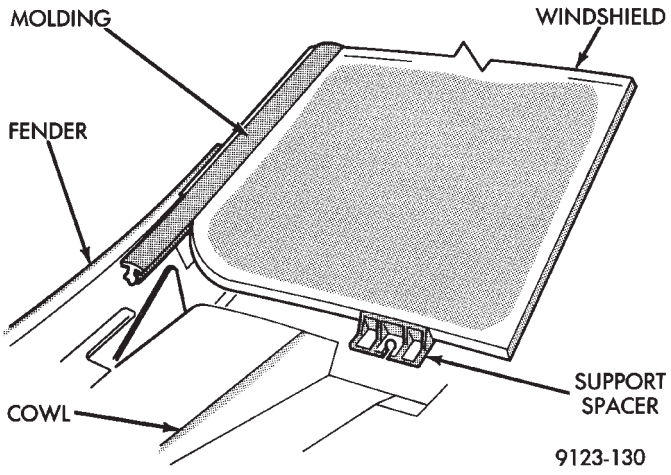


Fig. 1 Windshield Molding

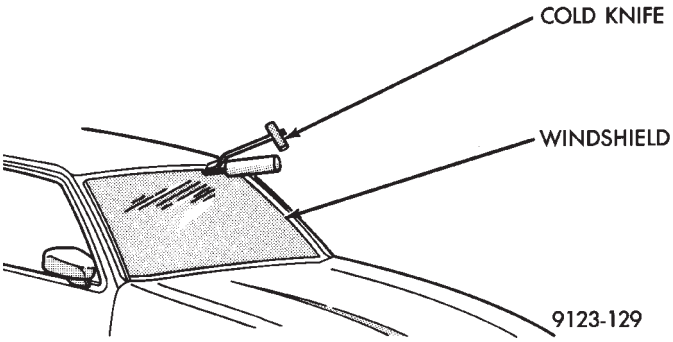


Fig. 2 Cut Urethane Around Windshield

WINDSHIELD REMOVAL—INTERIOR METHOD

(1) Remove inside rear view mirror.

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

(3) Remove A-pillar trim covers.

(4) Place protective covers over instrument panel and hood.

(5) 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.

(6) Separate windshield from vehicle.

WINDSHIELD INSTALLATION

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

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

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

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

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

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

(4) Remove replacement windshield from windshield opening.

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

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

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

(7) Apply 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 centerline of windshield fence.

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

(15) Slowly lower windshield glass to windshield opening fence. Guide the molding into proper position as necessary. Push windshield inward molding is flush to roof line and A-pillars (Fig. 6).

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

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

(18) Install cowl cover and wipers.

REMOVAL AND INSTALLATION (Continued)

(19) Install inside rear view mirror.

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

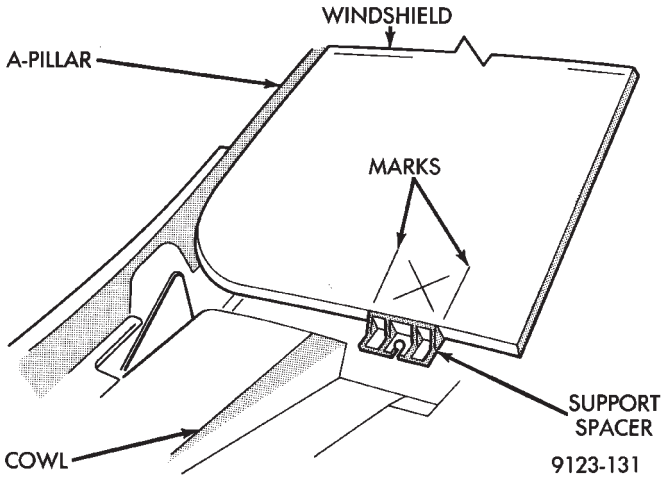


Fig. 3 Center Windshield and Mark at Support Spacers

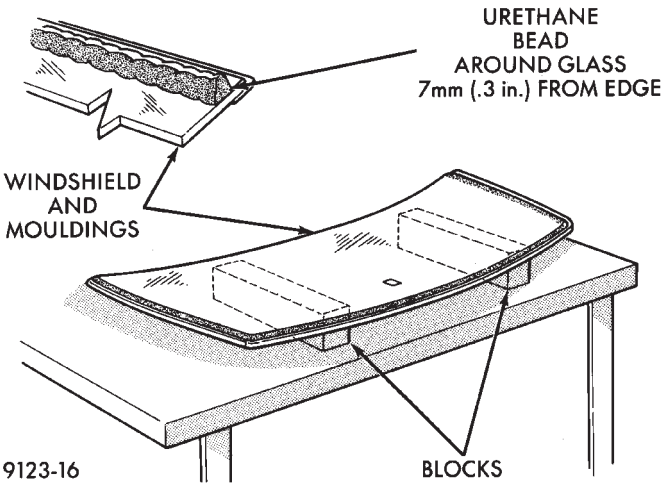


Fig. 4 Work Surface Set up and Molding Installation

QUARTER GLASS

REMOVAL

(1) Remove quarter trim panel.

(2) Remove nuts holding quarter glass to quarter panel opening.

(3) Remove B-pillar applique.

(4) Using a razor knife from inside of vehicle, cut butyl tape adhesive around quarter glass while pushing outward on glass.

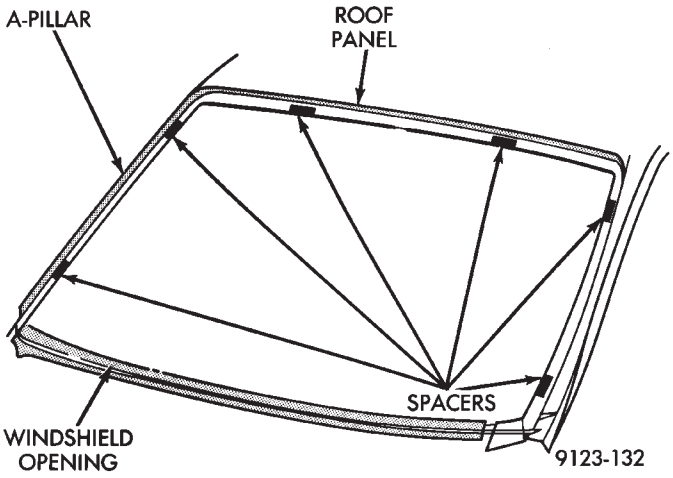


Fig. 5 Position Urethane Compression Spacers

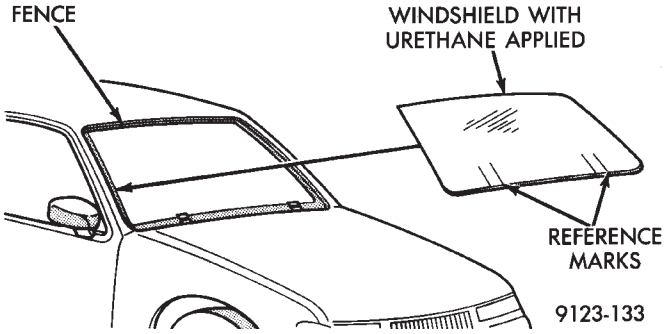


Fig. 6 Lower Windshield Into Position

(5) Separate quarter glass from vehicle (Fig. 7).

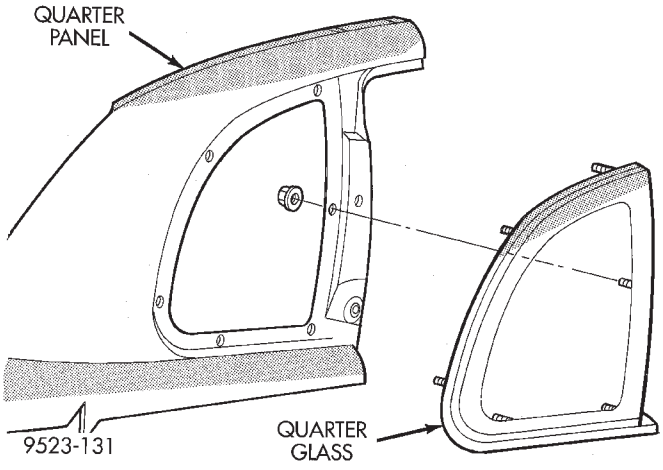


Fig. 7 Quarter Glass

INSTALLATION

(1) Clean old butyl tape adhesive from around quarter glass opening in quarter panel.

(2) If original quarter glass is reused, clean old butyl from around glass.

(3) Prime perimeter of quarter glass fence in quarter panel opening with black-out primer.

REMOVAL AND INSTALLATION (Continued)

(4) Prime perimeter of quarter glass with black-out primer.

(5) Install a 5/16 bead of round butyl tape around perimeter of quarter glass.

(6) Place quarter glass into opening in quarter panel.

(7) Install nuts to hold quarter glass to quarter panel opening.

(8) Install B-pillar applique.

(9) Install quarter trim panel.

REAR WINDOW

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

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

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

REAR WINDOW REMOVAL

(1) Remove rear window moldings.

(2) Remove upper quarter trim panel.

(3) Disengage wire connectors from rear window defogger.

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

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

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

(5) Separate the rear window from the vehicle.

REAR WINDOW INSTALLATION

(1) Prepare the work area, window fence, and glass the same way as described in the Windshield section of this group.

(2) Place fence spacers at the locations shown (Fig. 8).

(3) Install the rear window molding on glass.

(4) Apply a 10 mm (0.4 in.) bead of urethane around the perimeter of the glass.

(5) Install the glass in the same manner described in the Windshield section of this group (Fig. 8).

(6) Connect rear window defogger wiring and interior trim.

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

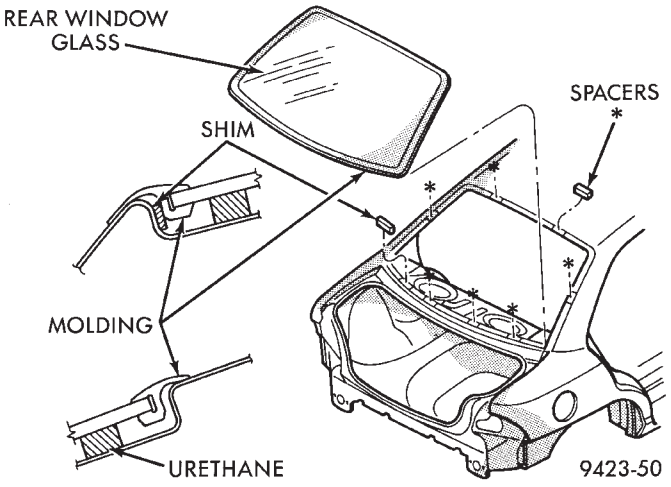


Fig. 8 Rear Window Glass

SEATS

INDEX

page

REMOVAL AND INSTALLATION
CHILD RESTRAINT SEAT BACK 9
CHILD SEAT MODULE 10
FRONT SEAT 8
REAR SEAT BACK 9
REAR SEAT CUSHION 8

REMOVAL AND INSTALLATION

FRONT SEAT

REMOVAL

(1) Move seat to forward position.
(2) Remove bolts holding rear of seat track to floor.
(3) Move seat to rearward position.
(4) Remove bolts holding front of seat track to floor crossmember (Fig. 1).
(5) Separate seat from vehicle.

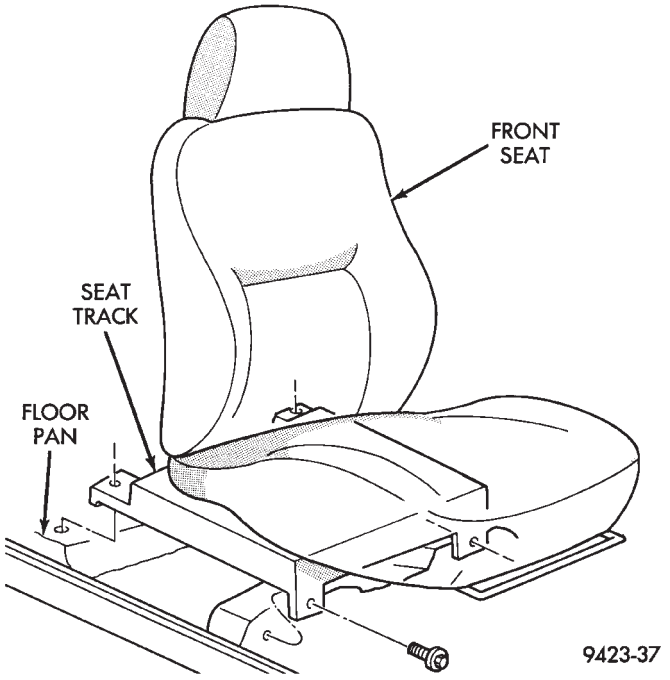


Fig. 1 Front Seat

INSTALLATION

(1) Move seat to full rearward position and **verify** that both seat tracks are locked into position.
(2) Move seat into position in vehicle. Do not use the head restraint, side shield, recliner handle, or the adjuster lift bar to move the seat.
(3) Ensure that the locating tabs on the front mounting feet are installed through the slits in the carpet and into the openings in the floor pan crossmember.
(4) Install and tighten front inboard bolt holding seat track to floor crossmember.
(5) Install and tighten front outboard bolt holding seat track to floor crossmember.
(6) Move seat to forward position.
(7) Install and tighten bolts holding rear of seat track to floor.

NOTE: The torque specification for all front seat retaining bolts is 55 N·M (40 ft. lbs.).

REAR SEAT CUSHION

REMOVAL

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

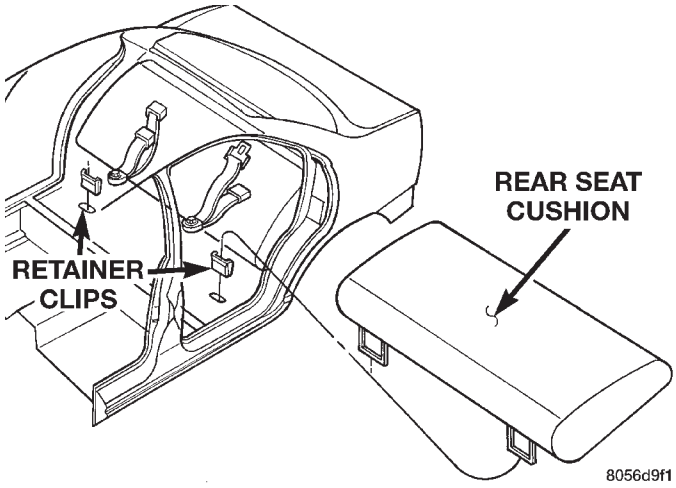


Fig. 2 Rear Seat Cushion

INSTALLATION

(1) Place rear seat cushion in position under bottom of seat back.
(2) Position inboard seat belts on top of seat cushion.
(3) Guide seat cushion loops into retainer cups in floor pan.
(4) Push downward on the front corners of the seat cushion to engage retainers.

REMOVAL AND INSTALLATION (Continued)

REAR SEAT BACK

REMOVAL

(1) Remove rear seat cushion.

(2) Remove bolts holding rear seat back and seat belts to floor.

(3) Push rear seat back upward to disengage hooks at top of seat back (Fig. 3).

(4) Separate rear seat from vehicle.

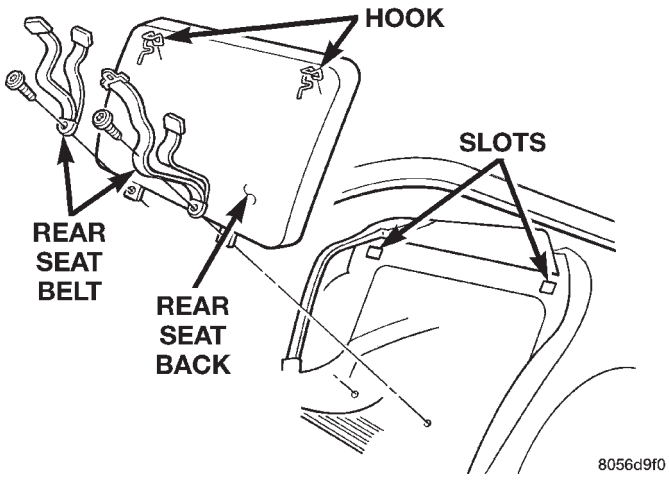


Fig. 3 Rear Seat Back

INSTALLATION

(1) Move rear seat back into position in vehicle.

(2) Push seat back downward to engage hooks at top of seat back.

(3) Install bolts holding rear seat back and seat belts to floor.

NOTE: The torque specification for the inner seat belt/rear seat back retaining bolts is 57 N·M (42 ft. lbs.).

(4) Install rear seat cushion.

CHILD RESTRAINT SEAT BACK

REMOVAL

(1) Remove rear seat cushion.

(2) Open child seat and remove lining.

(3) Remove bolts holding seat back frame to trunk closure panel through access holes in child seat module (Fig. 4).

(4) Remove bolts holding bottom of rear seat back and seat belts to floor.

(5) Lift seat back upward to disengage retainer hooks from trunk closure panel.

(6) Separate rear seat back from vehicle.

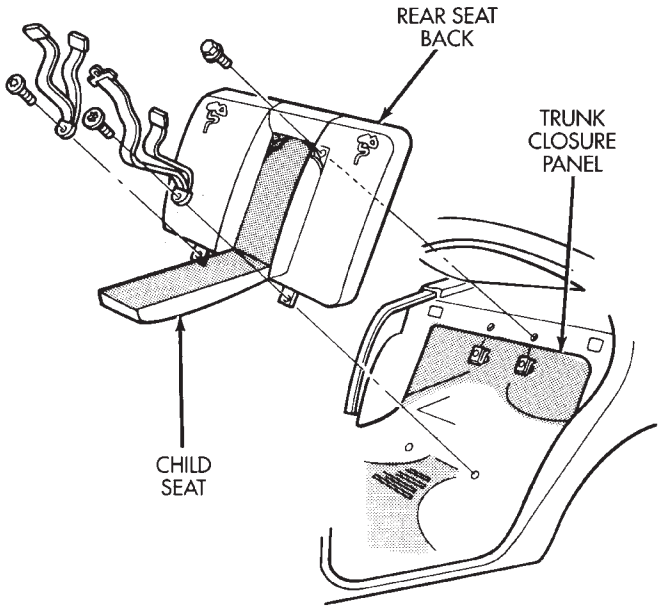


Fig. 4 Child Restraint Seat Back

INSTALLATION

(1) Move child restraint seat back into position in vehicle.

(2) Push seat back downward to engage hooks into trunk closure panel.

(3) Install bolts holding bottom of rear seat back and seat belts to floor.

(4) Install bolts holding seat back frame to trunk closure panel through access holes in child seat module.

(5) Install child seat lining and close child seat.

(6) Install rear seat cushion.

REMOVAL AND INSTALLATION (Continued)

CHILD SEAT MODULE

REMOVAL

(1) Remove rear seat back from vehicle.
(2) Slide lower bolster cushion retainer from channel on child seat cushion.
(3) Separate lower bolster from seat child seat.
(4) Remove liner from child seat module.
(5) Disengage push-in fasteners holding upper bolster to child seat module above shoulder belts.
(6) Remove screws holding top of child seat module to seat back frame from behind shoulder belts.
(7) Remove screws holding bottom of child seat module to seat back frame (Fig. 5).
(8) Separate child seat module from seat back.

INSTALLATION

(1) Place child seat module in position on seat back.
(2) Install screws to hold bottom of child seat module to seat back frame.

CAUTION: Do not capture seat belt webbing between module and seat back frame when installing upper screws.

(3) Install screws to hold top of child seat module to seat back frame from behind shoulder belts.
(4) Engage push-in fasteners to hold upper bolster to child seat module above shoulder belts.
(5) Install liner in child seat module.
(6) Place lower bolster in position on seat child seat.

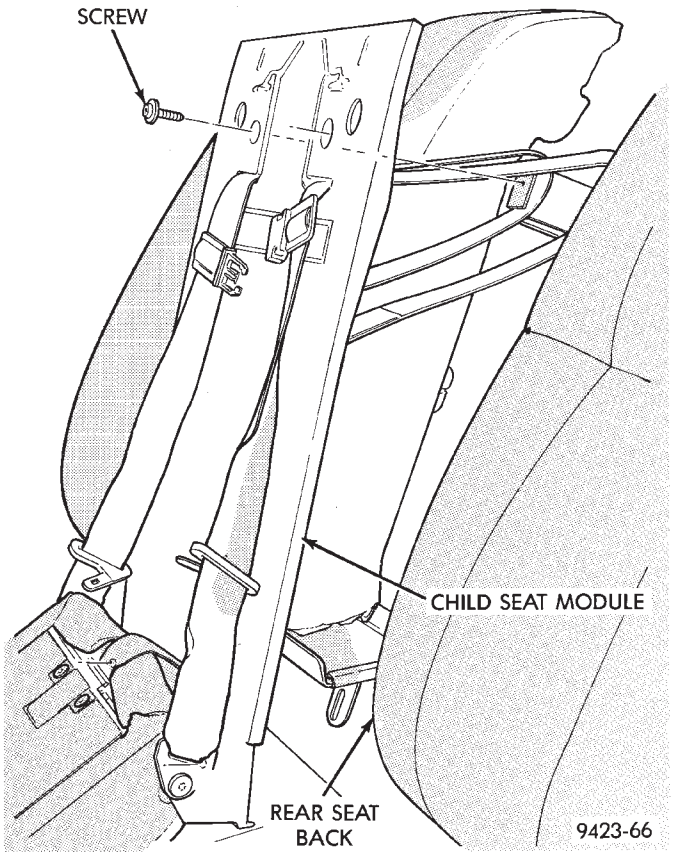


Fig. 5 Child Seat Module

(7) Slide lower bolster cushion retainer into channel on child seat cushion.
(8) Install rear seat back in vehicle.

SUNROOF

INDEX

	page
DIAGNOSIS AND TESTING	
DIAGNOSTIC PROCEDURES	11
SUNROOF DIAGNOSIS	11
REMOVAL AND INSTALLATION	
SUNROOF CABLES	13
SUNROOF COMPONENTS	14
SUNROOF DRIVE MOTOR	11
SUNROOF GLASS PANEL	11
SUNROOF GUIDE AND MECHANISM ASSEMBLY	13
SUNROOF MODULE	11
SUNROOF PROCEDURE INFORMATION	11
SUNROOF SUNSHADE	13
SUNROOF WIND DEFLECTOR	12
ADJUSTMENTS	
SUNROOF GLASS HEIGHT ADJUSTMENT	15

DIAGNOSIS AND TESTING

DIAGNOSTIC PROCEDURES

Before beginning sunroof diagnostics verify that all other power accessories are in proper operating condition. If not, a common electrical problem may exist. Refer to the Wiring Diagrams section of this publication for circuit, splice and component descriptions. Check the condition of the circuit protection (fuses, circuit breakers or fuse links). Inspect all wiring connector pins for proper engagement and continuity. Check for battery voltage at the power sunroof control switches. If battery voltage is detected at the control switches, proceed with the following tests.

SUNROOF DIAGNOSIS

REMOVAL AND INSTALLATION

SUNROOF PROCEDURE INFORMATION

The numbered call-outs in the following service procedures refer the numbered parts found in the figure at the end of this section.

SUNROOF MODULE

REMOVAL

(1) Remove headlining.

(2) Remove fasteners attaching sunroof module to vehicle roof and support braces.

(3) With the aid of a helper, separate sunroof module from roof.

(4) Remove sunroof module from vehicle.

INSTALLATION

(1) With the aid of a helper, position sunroof module in vehicle.

(2) Install fasteners holding sunroof module to vehicle roof.

(3) Tighten all fasteners, starting from the front and working rearward and then the motor bracket.

(4) Adjust glass panel for flushness to roof. Refer to glass adjustment procedure in this section.

(5) Install headlining.

(6) Verify correct operation.

SUNROOF GLASS PANEL

REMOVAL

(1) Position sunroof sunshade (4) in full rearward position.

(2) Remove six glass attachment screws.

(3) Push glass panel upward from underside until glass panel clears the roof panel.

(4) Lift glass panel from vehicle.

INSTALLATION

(1) Position glass panel (4) in opening in vehicle roof.

(2) Install, but do not tighten, glass attachment screws.

(3) With the aid of a helper, hold the glass panel in position and tighten glass attachment screws.

(4) Verify the correct glass height. Refer to Glass Height Adjustment procedure in this section.

SUNROOF DRIVE MOTOR

CAUTION: Do not cycle the sunroof drive motor prior to installation. The drive motor is shipped in the closed position. The sunroof vent position is programmed into the drive motor and is dependent upon the drive motor closed position. If the drive motor and the sunroof mechanism are not both in the closed position, the sunroof vent height will not be correct.

REMOVAL AND INSTALLATION (Continued)

SYMPTOM	POSSIBLE CAUSE
Sunroof motor inoperative.	• Contaminated or corroded slides and channels. • Binding cable or linkage. • Faulty circuit ground. • Faulty power circuit to sunroof drive motor. • Faulty sunroof drive motor. • Faulty sunroof motor connector.
Audible whine when switch is depressed, sunroof does not operate.	• Faulty motor drive clutch. • Binding linkage. • Faulty sunroof motor connections.
Sunroof opens, but does not close.	• Binding linkage. • Faulty circuit. • Faulty switch.
Sunroof vents, but does not open.	• Binding linkage. • Faulty circuit. • Faulty switch.
Sunroof does not vent	• Binding cable. • Faulty circuit. • Faulty switch.
Sunroof vents and opens but does not close	• Binding linkage. • Faulty circuit. • Faulty switch.
Sunroof water leak.	• Drain tubes clogged or kinked. • Glass panel improperly adjusted. • Faulty glass panel seal.
Wind noise from sunroof.	• Front of glass panel too high or rear too low. • Glass panel not centered in opening. • Faulty glass panel seal.
Glass panel hangs up or snaps between vent and open.	• Glass panel improperly adjusted. • Glass panel seal has inconsistent compression.
Rattles from open sunroof while driving	• Loose attaching hardware. • Weak springs on wind deflector. • Sunshade out of the track.
Rattles from closed sunroof while driving	• Loose attaching hardware. • Wind deflector contacting glass panel or drain trough. • Sunshade out of the track.

REMOVAL

(1) Remove headlining until the sunroof drive motor (10) can be accessed.

(2) If the drive motor is to be reused, cycle the sunroof to the full forward position.

(3) Disconnect wire harness connector from motor.

(4) Remove the three screws attaching drive motor to sunroof module bracket.

(5) Separate drive motor (10) from bracket.

INSTALLATION

(1) With the aid of a helper, hold the sunroof glass panel in the closed position and engage the drive motor (10) into the sunroof drive cables.

(2) Install screws holding drive motor to bracket.

(3) Connect wire harness to drive motor.

(4) Install headlining.

SUNROOF WIND DEFLECTOR

REMOVAL

(1) Open sunroof to full open position.

(2) Pull one end of wind deflector flap out of the wind deflector beam (13).

(3) Release corner piece locking tab and separate corner piece from wind deflector beam.

(4) Rotate corner piece outboard to release tab from roof flange.

(5) Rotate corner piece to a vertical position and pull it up through hole in guide (5).

(6) Repeat for other corner piece.

REMOVAL AND INSTALLATION (Continued)

INSTALLATION

(1) Hold corner piece vertically and push tab down through hole in guide (5).

(2) Rotate corner piece inward and place tab under roof flange.

(3) Connect corner piece to wind deflector beam (13).

(4) Install wind deflector flap into wind deflector beam.

(5) Repeat for other corner piece.

SUNROOF SUNSHADE

REMOVAL

(1) Remove sunroof glass panel (4). Refer to procedure found in this section.

(2) Slide sunshade (11) to full forward position.

(3) Disengage slide blocks on one side of sunshade from sunshade guide (6).

(4) Lift and pull sunshade out of opposite sunshade guide.

INSTALLATION

(1) Place sunshade with cloth side down and install one side's slide blocks into the track on the sunshade guide (6).

(2) Slide the other side's slide blocks to fully inward position and insert them into the sunshade guide (6).

(3) Verify that all four slide blocks are fully engaged in the sunshade guide (6).

(4) Slide sunshade (11) fully rearward.

(5) Install sunroof glass panel (4). Refer to procedure found in this section.

SUNROOF GUIDE AND MECHANISM ASSEMBLY

REMOVAL

(1) Remove sunroof glass panel (4). Refer to procedure in this section.

(2) Remove front locator (7 or 8).

(3) Disengage cable from mechanism (9).

(4) Remove screws holding sunroof guide (5) and mechanism (9) assembly to sunroof module.

(5) Lift assembly from module.

(6) Rotate assembly to disengage wind deflector (13) from assembly.

INSTALLATION

(1) Engage wind deflector (13) into guide (5) and mechanism (9) assembly.

(2) Position assembly onto module and install screws holding assembly to sunroof module.

(3) Engage drive cable to mechanism.

(4) Install front locator (7 or 8). It may ease installation to move sunroof mechanism slightly rearward.

(5) Install sunroof glass panel. Refer to procedure found in this section.

SUNROOF CABLES

REMOVAL

(1) Remove sunroof glass panel (4). Refer to procedure found in this section.

(2) Cycle the sunroof mechanism to the full forward position.

CAUTION: Do not remove sunroof drive motor unless sunroof mechanism is in the full forward position.

(3) Remove sunroof drive motor (10). Refer to procedure found in this section.

(4) Remove front locator (7 or 8) for appropriate sunroof cable.

(5) Disengage sunroof cable from sunroof mechanism (9).

(6) Pull sunroof cable from drive tube (2 or 3).

INSTALLATION

(1) Push sunroof cable through drive tube (2 or 3).

(2) Engage sunroof cable into sunroof mechanism (9) making sure cable connecting rod is rotated at a 45 degree angle towards inside of vehicle (Fig. 1).

(3) Install front locator (7 or 8) over sunroof cable. Moving the sunroof mechanism rearward slightly will ease locator installation.

(4) Move sunroof to full forward position.

(5) Install sunroof drive motor (10).

(6) Install sunroof glass panel (5). Refer to procedure found in this section.

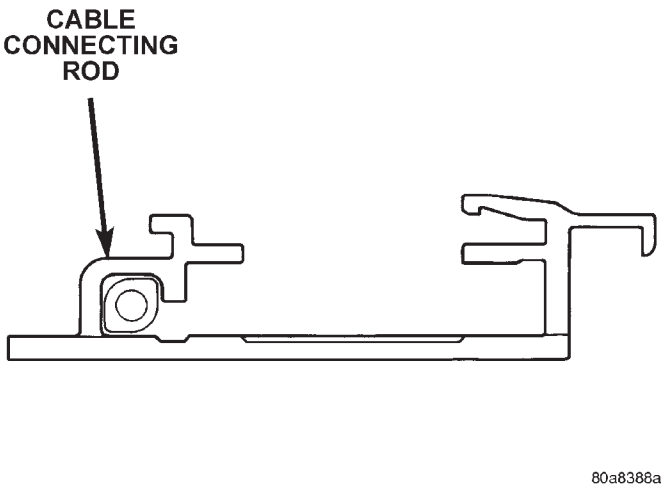


Fig. 1 Front View of Guide

REMOVAL AND INSTALLATION (Continued)

SUNROOF COMPONENTS

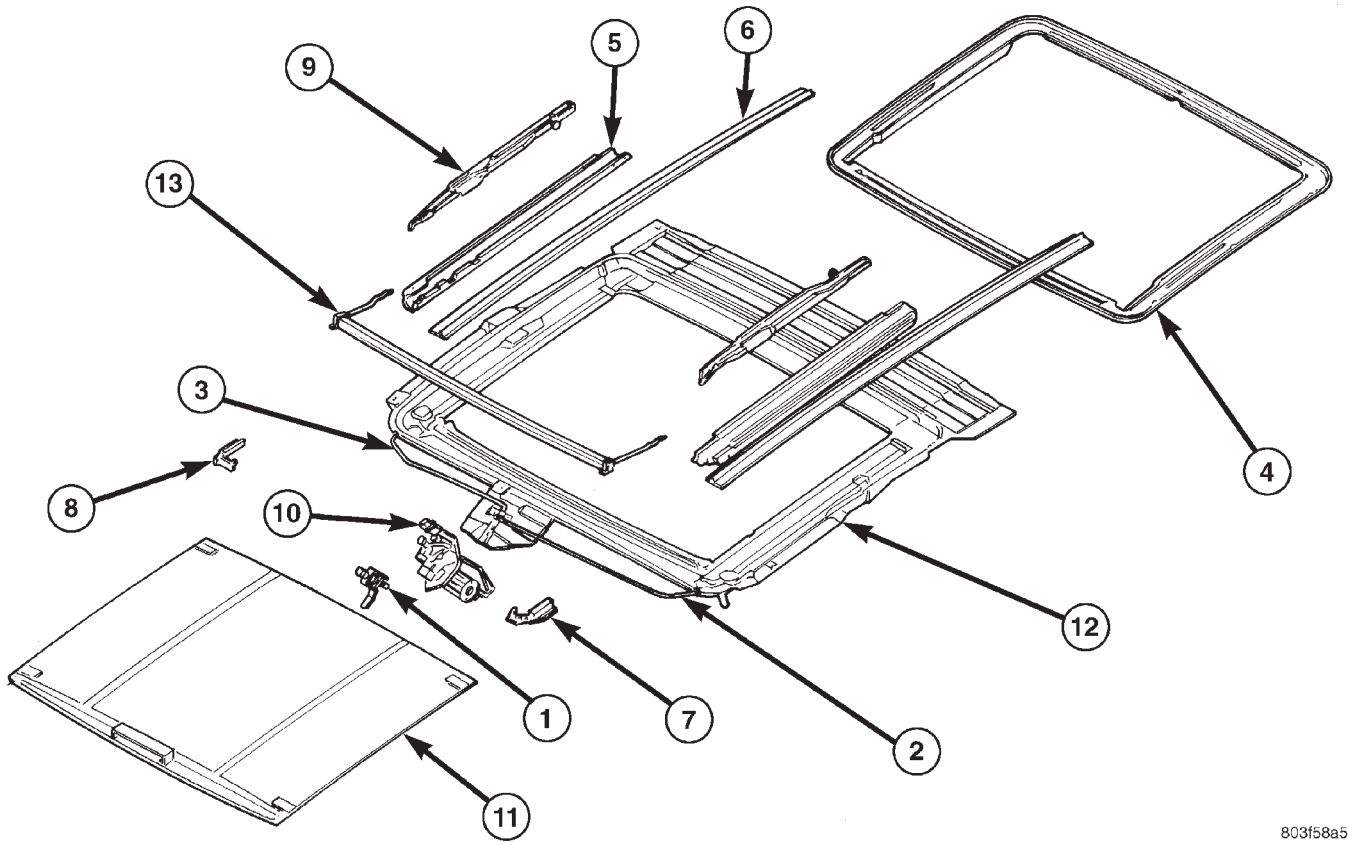


Fig. 2 Sunroof Components

Item Number	Component Name	Item Number	Component Name
1	Drive Tube Locator	8	Locator R.H.
2	Drive Tube L.H.	9	Mechanism
3	Drive Tube R.H.	10	Drive Motor
4	Glass Reinforcment Panel	11	Sunshade
5	Guide	12	Tray Assembly
6	Sunshade Guide	13	Wind Deflector
7	Locator L.H.		

ADJUSTMENTS

SUNROOF GLASS HEIGHT ADJUSTMENT

FLUSHNESS

(1) Position sunshade in full rearward position.
(2) To adjust front of glass;
(a) Loosen front and middle glass attachment screws
(b) Adjust front of sunroof glass panel so that the corners are flush to 1.0 mm below the top surface of the roof panel.
(c) Tighten all glass attachment screws.
(3) To adjust rear of glass;
(a) Loosen rear and middle glass attachment screws
(b) Adjust rear of sunroof glass panel so that the corners are flush to ± 1.0 mm off the top surface of the roof panel.
(c) Tighten all glass attachment screws.

VENT HEIGHT

(1) Cycle the sunroof module to vent position using the drive motor.
(2) Check glass height in tilt using the appropriate measuring tool.
(3) If the vent height is greater than 35 mm, using switch slowly set to correct height.
(4) After setting correct height, remove drive motor.
(5) With the motor removed, use the switch to set tilt by operating the gear to the full closed position.
(6) Using tilt switch only, operate the motor until it comes to a full stop at tilt position.
(7) Install drive motor and verify correct operation.

BODY COMPONENTS

INDEX

page

DIAGNOSIS AND TESTING
- WATER LEAKS 17
- WIND NOISE 18

REMOVAL AND INSTALLATION
- WINDOW REGULATOR—4 DOOR 25
- A-PILLAR TRIM 37
- B-PILLAR APPLIQUE—2 DOOR 32
- B-PILLAR APPLIQUE—4 DOOR 32
- B-PILLAR TRIM—4 DOOR 38
- B-PILLAR WEATHERSTRIP CHANNEL 33
- BODY VENT 43
- CARPET 41
- COWL COVER 20
- DOOR HINGE 30
- DOOR LOCK CYLINDER 27
- DOOR OPENING TRIM WELT 37
- DOOR SILL TRIM 36
- DOOR 30
- FLOOR CONSOLE 36
- FRONT DOOR CHECK STOP 28
- FRONT DOOR GLASS—2 DOOR 23
- FRONT DOOR GLASS—4 DOOR 24
- FRONT DOOR INNER BELT WEATHERSTRIP 22
- FRONT DOOR LATCH STRIKER 31
- FRONT DOOR LATCH 26
- FRONT DOOR OUTER BELT WEATHERSTRIP 29
- FRONT DOOR OUTSIDE HANDLE 27
- FRONT DOOR TRIM—2 DOOR 20
- FRONT DOOR TRIM—4 DOOR 21
- FRONT DOOR WATER SHIELD 22
- FRONT DOOR WEATHERSTRIP 31
- FRONT OUTBOARD SEAT BELT 40
- FRONT SEAT BELT BUCKLE 40
- FRONT SEAT BELT RETRACTOR 40
- FRONT SHOULDER BELT ADJUSTER 41
- FRONT VERTICAL GUIDE BAR 26
- GRILLE 18
- HEADLINING 42
- HOOD HINGE 19
- HOOD LATCH 18
- HOOD RELEASE CABLE 19
- HOOD 19
- LOCK BUTTON BELL-CRANK 22
- LOWER QUARTER TRIM—4 DOOR 39

page

- PARCEL SHELF TRIM 39
- QUARTER TRIM PANEL—2 DOOR 38
- REAR DOOR GLASS 34
- REAR DOOR INNER BELT WEATHERSTRIP . . 34
- REAR DOOR INTERLOCK LATCH STRIKER . . 36
- REAR DOOR LATCH STRIKER 35
- REAR DOOR LATCH 35
- REAR DOOR LOCK BELL CRANK 35
- REAR DOOR OUTER BELT WEATHERSTRIP 35
- REAR DOOR TRIM 33
- REAR DOOR WINDOW REGULATOR 34
- REAR SEAT BELT BUCKLE 41
- REAR SEAT BELT RETRACTOR 41
- REAR SPOILER 45
- REAR VERTICAL GUIDE BAR 26
- ROOF APERTURE (RAP) MOLDING 46
- ROOF RACK CROSS RAILS 47
- ROOF RACK 46
- ROOF RAIL WEATHERSTRIP 31
- ROOF RAIL WEATHERSTRIP 32
- SIDE COWL TRIM 37
- SIDE VIEW MIRROR STANCHION 29
- SIDE VIEW MIRROR TRIM COVER 28
- SIDE VIEW MIRROR 28
- TRUNK CARPET 45
- TRUNK LATCH STRIKER 44
- TRUNK LATCH 44
- TRUNK LID LIFT SPRINGS 43
- TRUNK LID 43
- TRUNK LOCK CYLINDER 44
- TRUNK TRIM PANEL 45
- TRUNK WEATHERSTRIP 44
- UPPER QUARTER TRIM—4 DOOR 39
- WINDOW INNERBELT STABILIZER 22
- WINDOW REGULATOR—2 DOOR 24

ADJUSTMENTS
- FRONT DOOR GLASS ADJUSTMENT 47
- FRONT DOOR LATCH ADJUSTMENT 48
- REAR DOOR GLASS ADJUSTMENT 48
- REAR DOOR LATCH ADJUSTMENT 49

SPECIFICATIONS
- BODY LUBRICATION SPECIFICATIONS 49

SPECIAL TOOLS
- BODY 50

DIAGNOSIS AND TESTING

WATER LEAKS

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

VISUAL INSPECTION BEFORE WATER LEAK TESTS

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

WATER LEAK TESTS

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

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

- If a leak occurs with the vehicle parked in a steady light rain, flood the leak area with an open-ended garden hose.
- If a leak occurs while driving at highway speeds in a steady rain, test the leak area with a reasonable velocity stream or fan spray of water. Direct the spray in a direction comparable to actual conditions.
- If a leak occurs when the vehicle is parked on an incline, hoist the end or side of the vehicle to simulate this condition. This method can be used when the leak occurs when the vehicle accelerates, stops or turns. If the leak occurs on acceleration, hoist the front of the vehicle. If the leak occurs when braking, hoist the back of the vehicle. If the leak occurs on left turns, hoist the left side of the vehicle. If the leak occurs on right turns, hoist the right side of the vehicle. For hoisting recommendations refer to Group 0, Lubrication and Maintenance, General Information section.

WATER LEAK DETECTION

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

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

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

MIRROR INSPECTION METHOD

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

BRIGHT LIGHT LEAK TEST METHOD

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

PRESSURIZED LEAK TEST METHOD

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

DIAGNOSIS AND TESTING (Continued)

WIND NOISE

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

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

VISUAL INSPECTION BEFORE TESTS

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

ROAD TESTING WIND NOISE

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

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

POSSIBLE CAUSE OF WIND NOISE

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

REMOVAL AND INSTALLATION

GRILLE

REMOVAL

(1) Release hood latch, open and support hood on prop rod.

(2) Remove screws holding grille to parking lamps (Fig. 1).

(3) Remove screw holding grille to radiator closure panel.

(4) Separate grille from vehicle.

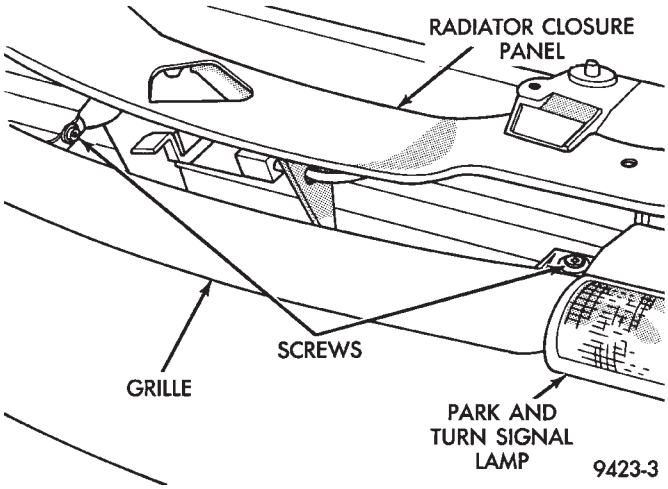


Fig. 1 Grille

INSTALLATION

(1) Place grille into position on vehicle.

(2) Install screw holding grille to radiator closure panel.

(3) Install screws holding grille to parking lamps.

HOOD LATCH

REMOVAL

(1) Release hood latch and open hood.

(2) Support hood on prop rod.

(3) Remove grille.

(4) Remove screws holding hood latch to radiator closure panel (Fig. 2).

(5) Separate hood latch from closure panel.

(6) Disengage remote release cable from latch.

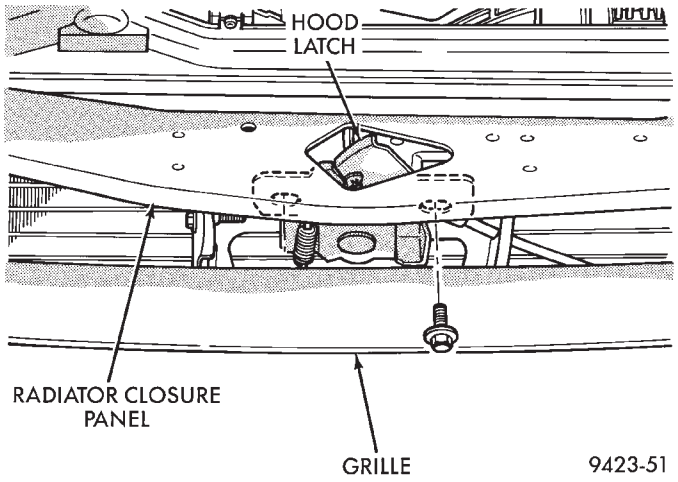


Fig. 2 Hood Latch

REMOVAL AND INSTALLATION (Continued)

INSTALLATION

(1) Engage remote release cable into latch.
(2) Place hood latch onto radiator closure panel.
(3) Install bolts holding latch to closure panel.
(4) Install grille.
(5) Close hood and verify alignment of hood and that latch is securely engaged.

HOOD RELEASE CABLE

REMOVAL

(1) Disconnect remote hood release cable from hood latch.
(2) Remove left front cowl trim panel.
(3) Remove screws holding hood release handle to cowl panel (Fig. 3).
(4) Disengage rubber grommet from dash panel behind instrument panel.
(5) Pull release cable through hole in dash panel.
(6) Separate cable and handle from vehicle.

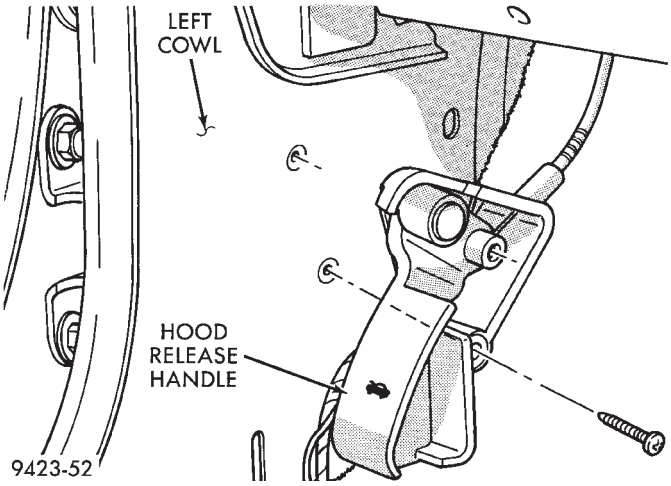


Fig. 3 Hood Release Cable

INSTALLATION

(1) Assemble cable and handle onto vehicle.
(2) Push release cable through hole in dash panel.
(3) Engage rubber grommet into dash panel.
(4) Install screws holding hood release handle to cowl panel.
(5) Install left front cowl trim panel.
(6) Connect remote hood release cable to hood latch.
(7) Close hood and verify operation.

HOOD

REMOVAL

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

INSTALLATION

(1) Place hood in position on vehicle. With assistance from a helper at the opposite side of the vehicle to support the hood, install bottom bolts to hold hood to hinge finger tight.
(2) Install top bolts to hold hood to hinge finger tight.
(3) Position bolts at marks and tighten bolts. 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) Engage under hood lamp wire connector to engine compartment wire harness.
(5) Verify hood operation and alignment.

HOOD HINGE

REMOVAL

(1) Support hood on the side that requires hinge replacement.
(2) Mark all bolt and hinge attachment locations with a grease pencil or other suitable device to provide reference marks for installation. When installing hood hinge, align all marks and secure bolts. The hood should be aligned to 4 mm (0.160 in.) gap to the front fenders and flush across the top surfaces along fenders. Shims can be added or removed under hood hinge to achieve proper hood height.
(3) Remove bolts holding hood to hinge.
(4) Remove bolts holding hood hinge to front fender flange and separate hinge from vehicle. If necessary, paint new hinge before installation.

INSTALLATION

(1) If necessary, paint new hinge before installation.
(2) Place hinge in position on vehicle.
(3) Install bolts to hold hood hinge to front fender flange.
(4) Install bolts to hold hood to hinge.
(5) Align all marks and secure bolts. The hood should be aligned to 4 mm (0.160 in.) gap to the front fenders and flush across the top surfaces along fenders. Shims can be added or removed under hood hinge to achieve proper hood height.
(6) Remove support from under hood and verify hood operation.

REMOVAL AND INSTALLATION (Continued)

COWL COVER

REMOVAL

(1) Release hood latch and open hood.

(2) Remove windshield wiper arms, refer to Group 8K, Windshield Wiper and Washer Systems for proper procedures.

(3) Remove push-in fasteners holding cowl cover to cowl at base of windshield opening (Fig. 4).

(4) Separate cowl cover from vehicle.

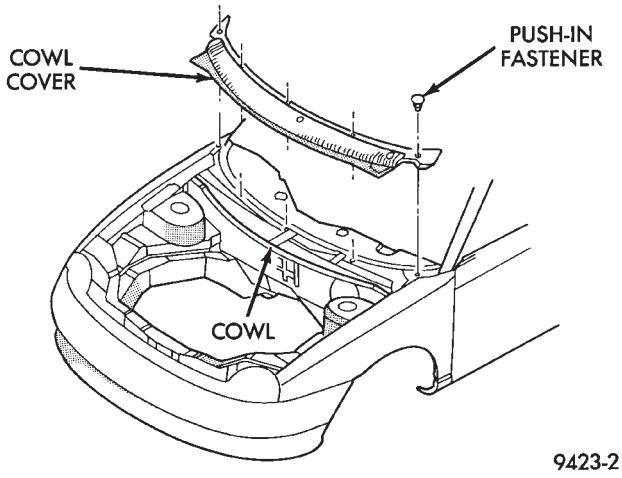


Fig. 4 Cowl Cover

INSTALLATION

(1) Place cowl panel in place on vehicle.

(2) Install push-in fasteners holding cowl panel to cowl at base of windshield opening.

(3) Install windshield wiper arms, refer to Group 8K, Windshield Wiper and Washer Systems, for proper procedures.

FRONT DOOR TRIM—2 DOOR

REMOVAL

(1) Release door latch and open door.

(2) Lower door glass.

(3) Remove screw inside pull cup holding door trim panel to bracket (Fig. 5).

(4) Pull and hold inside latch release handle away from door trim.

(5) Remove screw holding trim panel to door from behind inside door handle (Fig. 6).

(6) Remove window regulator crank, if so equipped.

(7) Disengage hidden clips holding trim panel to door from around perimeter of trim panel (Fig. 7).

(8) Tilt trim panel outward to clear locator pins on backside of trim panel.

(9) Disengage trim panel from retainer channel on inner belt weatherstrip at the top of the door by lifting and gently jiggling.

(10) Move trim panel away from door and disengage clip holding door latch linkage to back of inside door handle.

(11) Separate latch rod from handle.

CAUTION: Do not allow door trim panel to hang by the wire connector or wiring.

(12) Disengage wire connector from power door lock switch, mirror switch, and power window switch, if so equipped.

(13) Separate trim panel from vehicle.

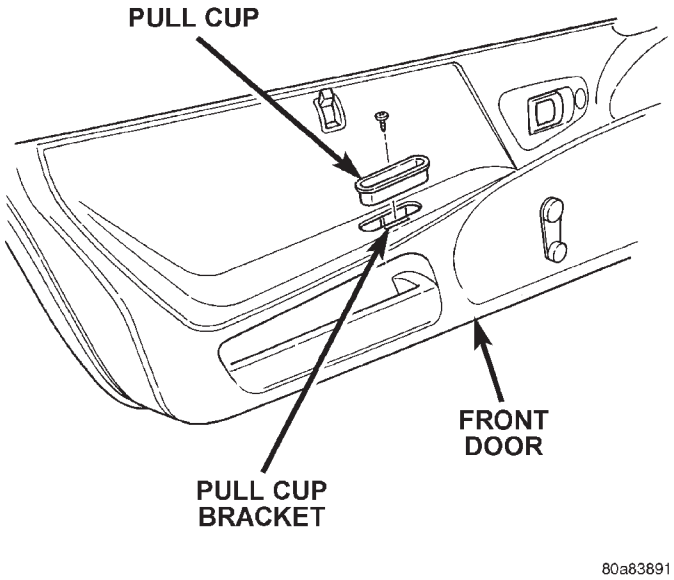


Fig. 5 Front Door Pull Cup

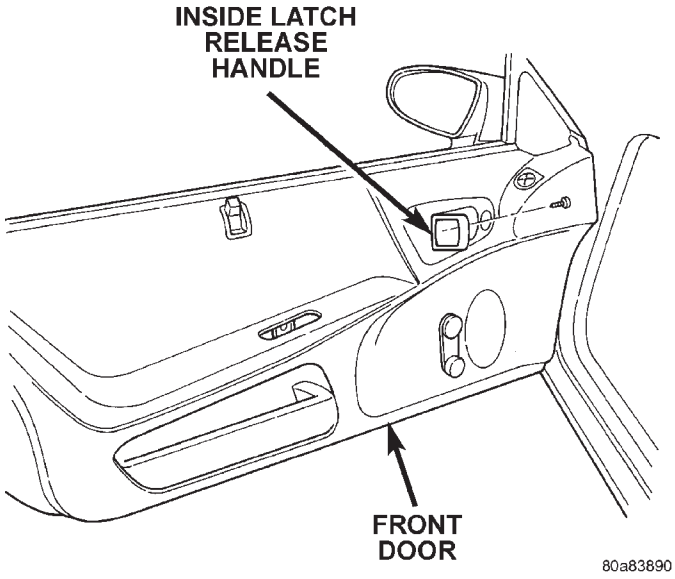


Fig. 6 Inside Door Handle Screw

INSTALLATION

(1) Replace any damaged or missing push–in fasteners from around perimeter of door trim panel.

(2) Place trim panel near door.

(3) Engage wire connector to power lock switch, mirror switch, and power window switch, if so equipped.

(4) Insert latch rod into inside latch release.

REMOVAL AND INSTALLATION (Continued)

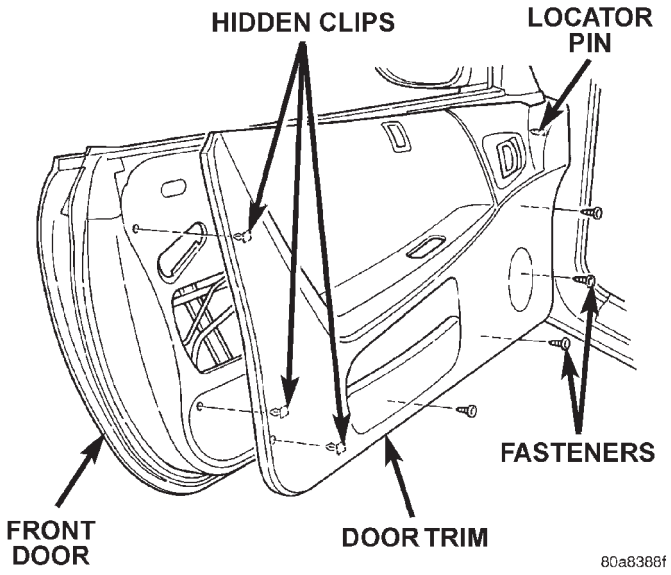


Fig. 7 Door Trim Panel

(5) Engage clip holding door latch linkage to back of inside door handle.

(6) Engage trim panel into retainer channel at top of door and push down to seat.

(7) Locate door trim panel to inner door panel by aligning locating pins on backside of trim panel to mating holes in inner door panel. Gently shift panel forward or rearward if necessary.

(8) Engage hidden clips holding trim panel to door from around perimeter of trim panel.

(9) With the window in the down position, orientate the window regulator crank handle appropriately. Install the right handle at the 10 o'clock position and the left handle at the 2 o'clock position, if so equipped.

(10) Install screw holding trim panel to door from behind inside door handle.

(11) Install screw inside pull cup holding door trim panel to bracket.

FRONT DOOR TRIM—4 DOOR

REMOVAL

(1) Release door latch and open door.

(2) Lower door glass.

(3) Remove window regulator crank, if so equipped (Fig. 8).

(4) Remove screw from inside arm rest pull cup (Fig. 9).

(5) Pull and hold inside latch release handle away from door trim.

(6) Remove screw from behind inside latch release handle (Fig. 9).

(7) Disengage push-in fasteners holding trim to door panel around perimeter of trim panel.

(8) Tilt trim panel outward to clear locator pins on backside of trim panel.

(9) Disengage trim panel from retainer channel in inner belt weatherstrip at top of door by lifting while gently jiggling.

(10) Move trim panel away from door and disengage clip holding latch rod to handle.

(11) Separate latch rod from handle.

CAUTION: Do not allow door trim panel to hang by the wire connector or wiring.

(12) Disengage wire connector from power door lock switch, mirror switch, and power window switch if so equipped.

(13) Separate trim panel from door.

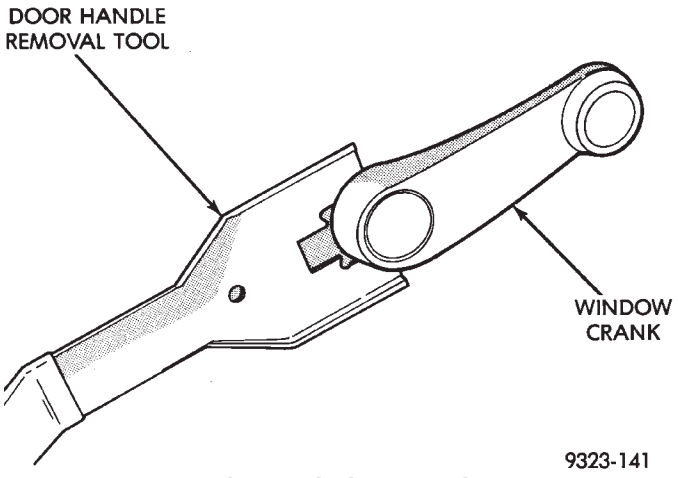


Fig. 8 Window Crank

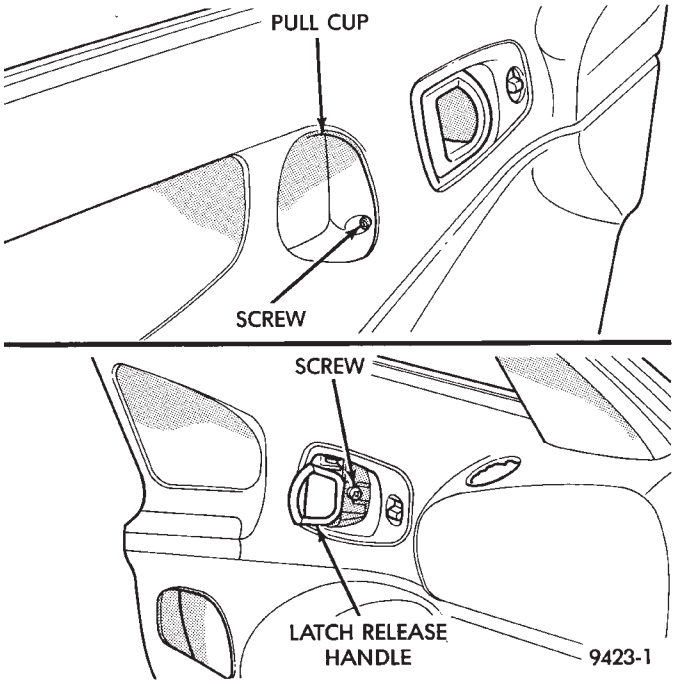


Fig. 9 Front Door Trim

REMOVAL AND INSTALLATION (Continued)

INSTALLATION

(1) Replace any damaged or missing push–in fasteners from around perimeter of door trim panel.

(2) Place trim panel near door.

(3) Engage wire connector into power door lock switch, mirror switch, and power window switch, if so equipped.

(4) Insert latch rod into handle and engage clip.

(5) Engage trim panel into retainer channel at top of door and push down to seat.

(6) Locate door trim panel to inner door panel by aligning locating pins on backside of trim panel to mating holes in inner door panel.

(7) Engage push-in fasteners to hold trim to door panel around perimeter of trim panel.

(8) Install screw behind inside latch release handle.

(9) Install screw inside arm rest pull cup.

(10) With the window in the down position, orientate the window regulator crank handle appropriately. Install the right handle at the 10 o'clock position and the left handle at the 2 o'clock position, if so equipped.

FRONT DOOR WATER SHIELD

REMOVAL

(1) Remove door trim panel.

(2) Remove Door speaker, if equipped.

(3) Remove door trim pull cup mount bracket.

(4) Disengage clip holding lock linkage to lock button bell crank.

(5) Peel water shield away from adhesive around perimeter of inner door panel (Fig. 10).

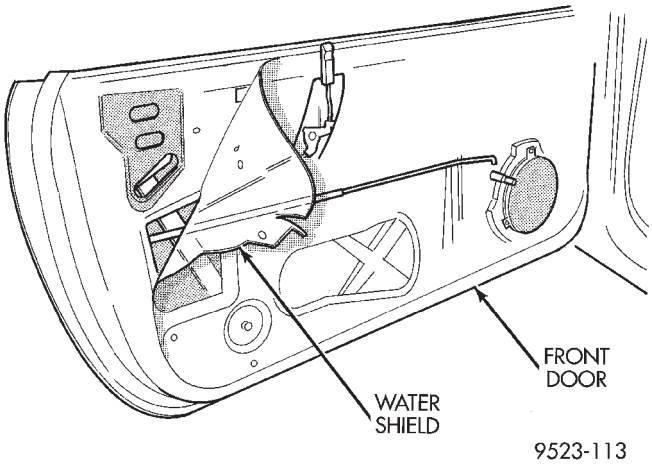


Fig. 10 Water Shield

INSTALLATION

(1) Insure that enough adhesive remains to securely retain the watershield. Replace as necessary.

(2) Place the watershield into position and press securely to adhesive making sure to properly route wiring and linkages.

(3) Engage clip holding lock linkage to lock button bell-crank.

(4) Install door trim pull cup mount bracket.

(5) Install door speaker, if equipped.

(6) Install door trim panel.

LOCK BUTTON BELL-CRANK

REMOVAL

(1) Remove door trim panel.

(2) Disengage clip holding lock linkage to bell-crank

(3) Rotate bell-crank until retaining ears align with slots in door panel.

(4) Separate bell-crank from door (Fig. 11).

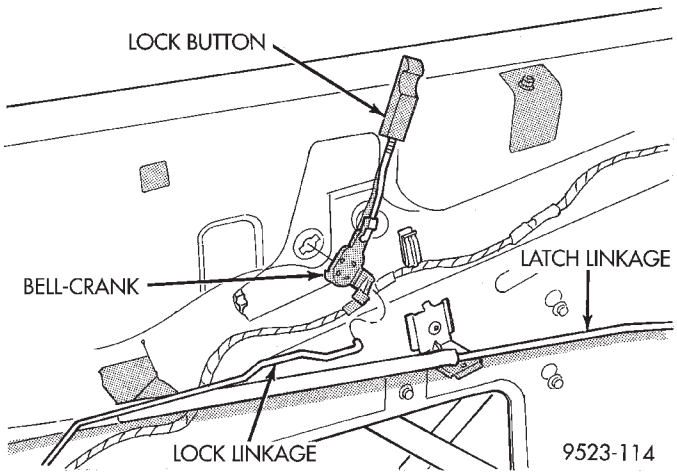


Fig. 11 Lock Button Bell-crank

INSTALLATION

Reverse the preceding operation.

FRONT DOOR INNER BELT WEATHERSTRIP

REMOVAL

(1) Remove door trim panel.

(2) Separate weatherstrip from door.

INSTALLATION

(1) Push down on weatherstrip to engage channel to door panel.

(2) Install door trim panel.

WINDOW INNERBELT STABILIZER

REMOVAL

(1) Remove door trim panel.

(2) Remove nut holding inner belt stabilizer to door panel.

REMOVAL AND INSTALLATION (Continued)

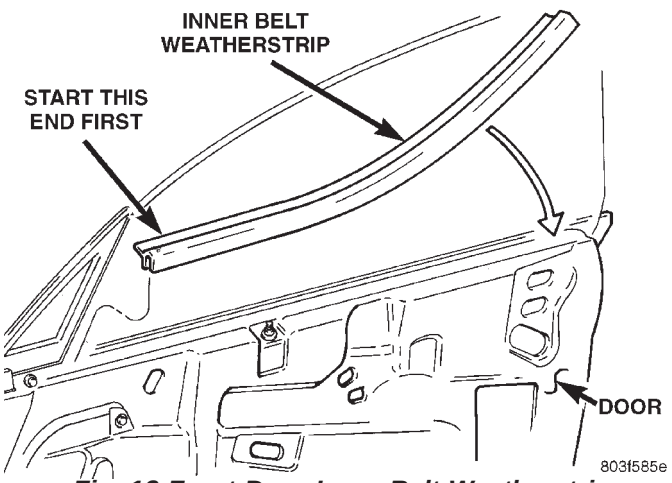


Fig. 12 Front Door Inner Belt Weatherstrip

(3) Separate inner belt stabilizer from door. (Fig. 13)

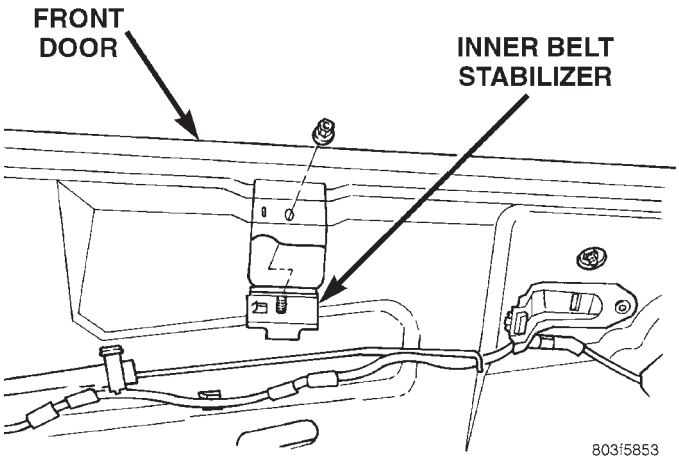


Fig. 13

INSTALLATION

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

FRONT DOOR GLASS—2 DOOR

REMOVAL

(1) Remove door trim panel and water shield.

(2) Remove inner and outer door belt weatherstrips.

(3) Loosen inner belt stabilizer.

(4) Lower door glass to bottom of travel to access glass attachment bolts.

(5) Remove bolts holding regulator lift channel to door glass (Fig. 15).

(6) Remove bolts holding rear guide plate to door glass (Fig. 14).

(7) Separate rear guide plate from door glass.

(8) Lift door glass upward and out of opening at top of door (Fig. 16).

(9) Remove front guide plate from door glass.

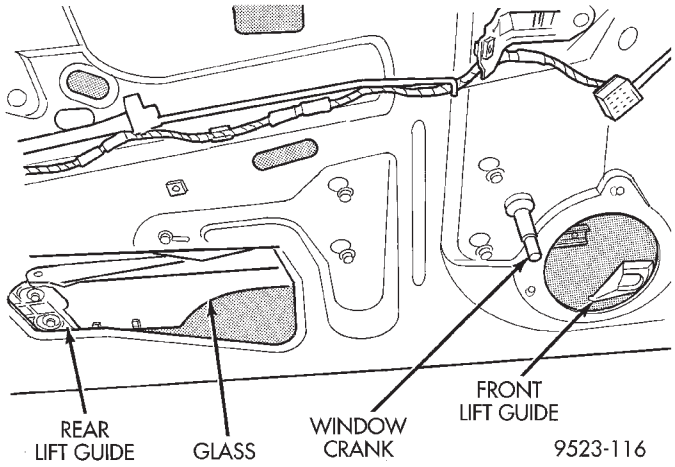


Fig. 14 Guide Bolts

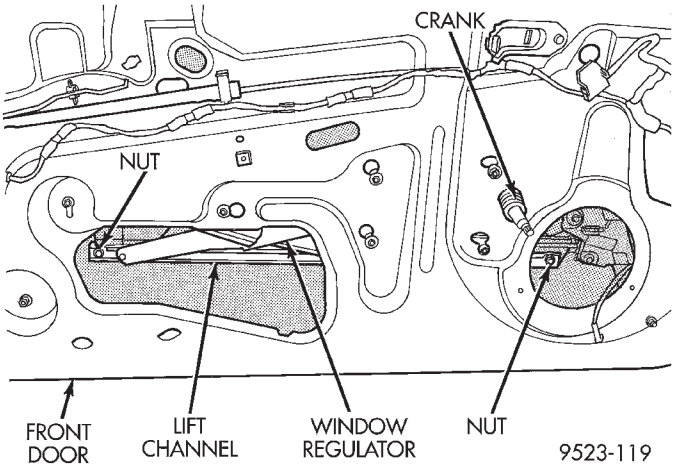


Fig. 15 Regulator Lift Channel

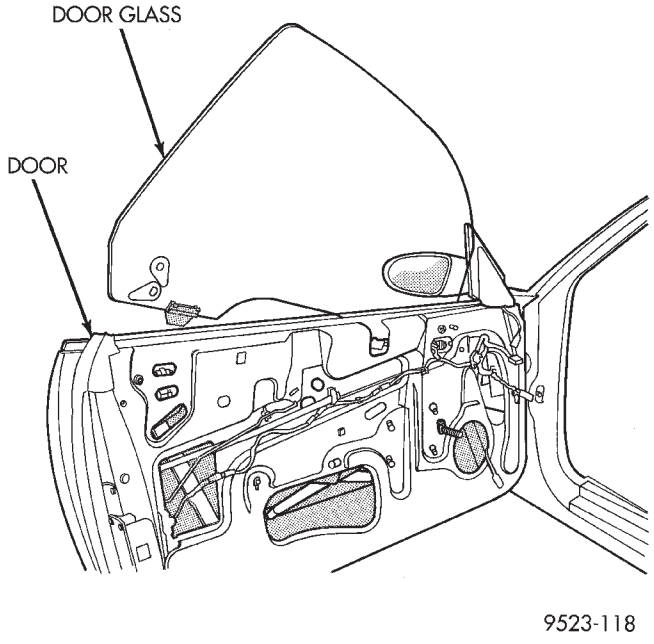


Fig. 16 Door Glass

REMOVAL AND INSTALLATION (Continued)

INSTALLATION

(1) Install front guide plate to door glass.
(2) Carefully lower door glass through opening in top of door.
(3) Position rear guide plate onto door glass and install bolts.
(4) Install nuts holding regulator lift channel to door glass.
(5) Tighten all door glass fasteners.
(6) Tighten window inner belt stabilizer.
(7) Install inner and outer door belt weatherstrips.
(8) Install door trim panel and water shield.

FRONT DOOR GLASS—4 DOOR

REMOVAL

(1) Remove door trim panel and water shield.
(2) Remove inner door belt weatherstrip.
(3) Loosen window inner belt stabilizer.
(4) Lower door glass to bottom of door to gain access to attaching bolts.
(5) Remove bolts holding door glass to window regulator lift plates (Fig. 17).
(6) Disengage door glass from regulator.
(7) Lift door glass upward out of the opening at the top of door.

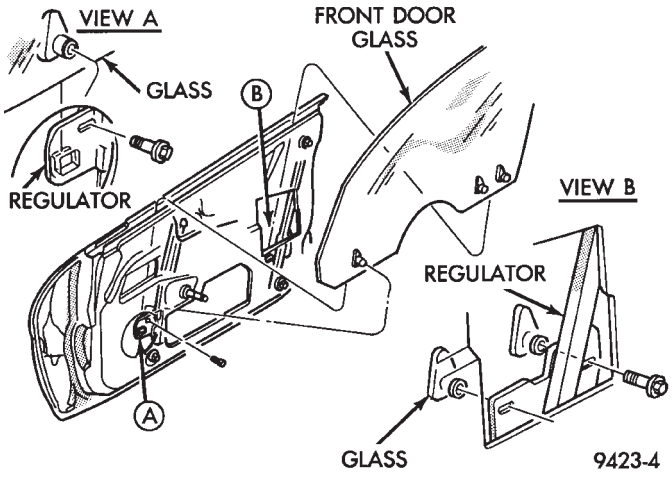


Fig. 17 Front Door Glass

INSTALLATION

(1) Carefully lower door glass through opening in top of door.
(2) Position door glass into window regulator lift plates.
(3) Install bolts securing door glass to lift plates.
(4) Tighten window inner belt stabilizer.
(5) Install inner door belt weatherstrip.
(6) Install door trim panel and water shield.

WINDOW REGULATOR—2 DOOR

NOTE: Power and manual door glass regulators are serviced using the same procedures. For power window motor service procedures, refer to Group 8S, Power Windows.

REMOVAL

(1) Remove door trim panel and water shield.
(2) Disconnect wire connector to power window motor, if so equipped.
(3) Remove nuts holding regulator lift channel to door glass (Fig. 18).
(4) Secure door glass in upward position.
(5) Mark position of rear bolt of roller channel to inner door panel to aid in installation.
(6) Remove bolt holding rear of roller channel to door panel.
(7) Loosen bolt holding front of roller channel to door panel.
(8) Separate roller channel from door panel (Fig. 19).
(9) Loosen bolts holding window regulator to inner door panel.
(10) Separate bolt heads from key-hole slots in inner door panel.
(11) Remove window regulator through large hole in inner door panel (Fig. 20) and (Fig. 21).
(12) Remove power window motor from regulator, if so equipped. Refer to Group 8S for Power Window Motor procedure.

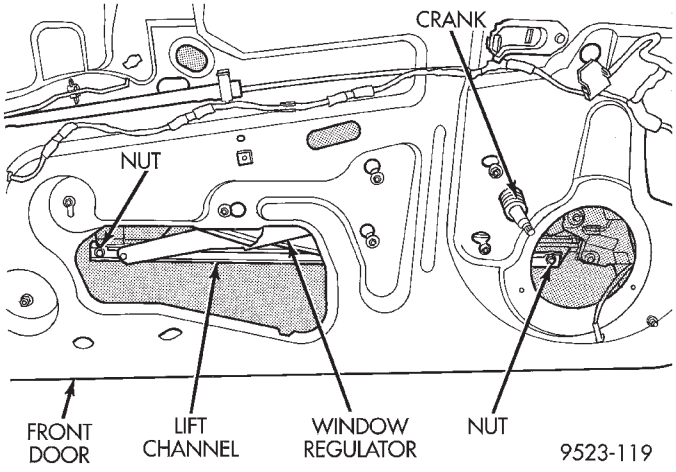


Fig. 18 Regulator Lift Channel

REMOVAL AND INSTALLATION (Continued)

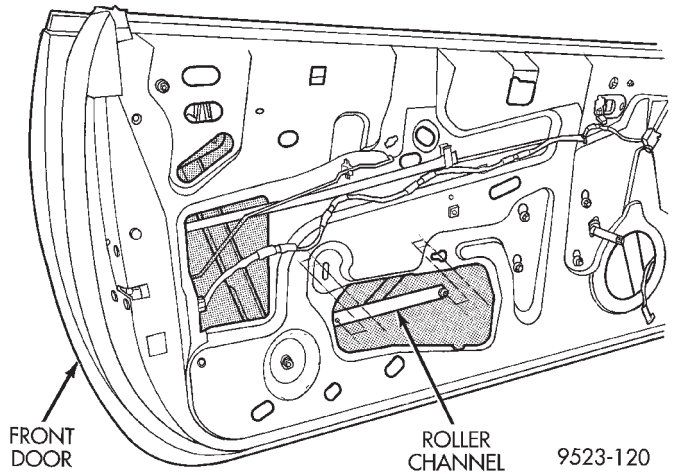


Fig. 19 Roller Channel

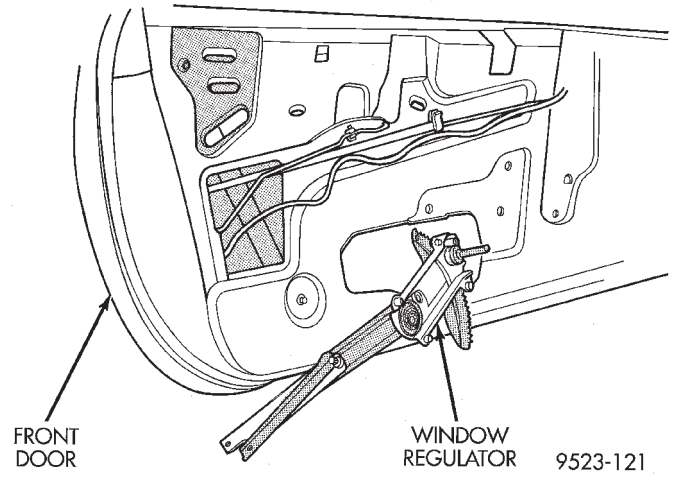


Fig. 20 Manual Window Regulator

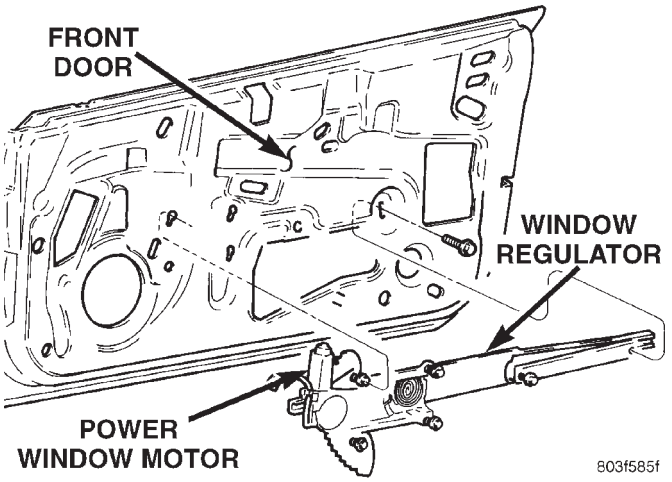


Fig. 21 Power Window Regulator

INSTALLATION

(1) Install power window motor on regulator, if so equipped. Refer to group 8S for Power Window Motor procedures.

(2) Move window regulator into position in door and engage bolt heads into key-hole slots in inner door panel and tighten bolts.

(3) Install roller channel to door panel.

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

(5) Tighten front and rear bolts of roller channel.

(6) Install nuts holding regulator lift channel to door glass.

(7) Adjust door glass as described in this section.

(8) Connect wire connector to power window motor, if so equipped.

(9) Install door speaker, if so equipped.

(10) Install door trim panel and water shield.

WINDOW REGULATOR—4 DOOR

NOTE: Power and manual door glass regulators are serviced using the same procedures. For power window motor service procedures, refer to Group 8S, Power Windows.

REMOVAL

(1) Remove door trim panel and water shield.

(2) Remove door glass.

(3) Disconnect wire connector to power window motor, if so equipped.

(4) Remove nuts holding top of regulator to inner door panel.

(5) Remove nuts holding bottom of regulator to door panel (Fig. 22) and (Fig. 23).

(6) Loosen bolts holding regulator crank/motor to door panel.

(7) Disengage bolts from key hole slots in door panel.

(8) Remove window regulator from access hole in door panel.

(9) Remove power window motor from regulator, if so equipped. Refer to Group 8S for Power Window Motor procedures.

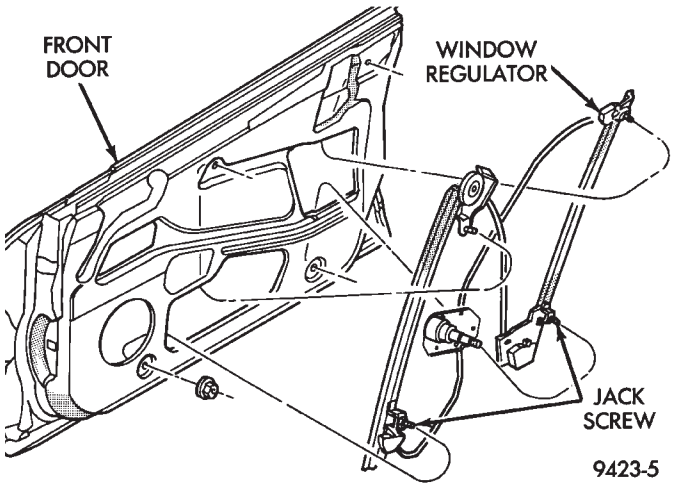


Fig. 22 Front Door Manual Window Regulator

REMOVAL AND INSTALLATION (Continued)

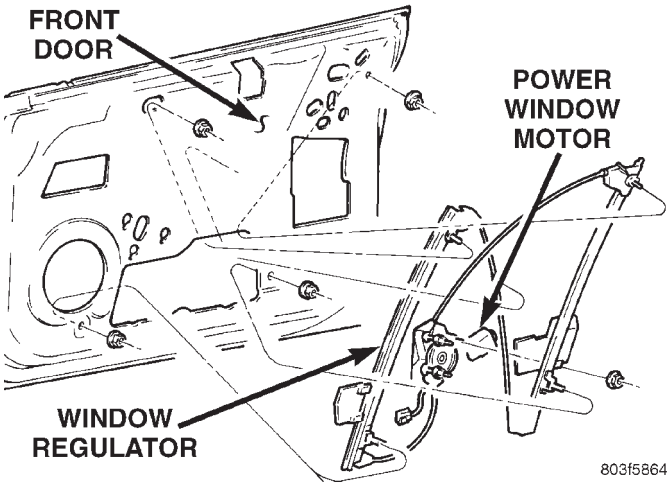


Fig. 23 Front Door Power Window Regulator

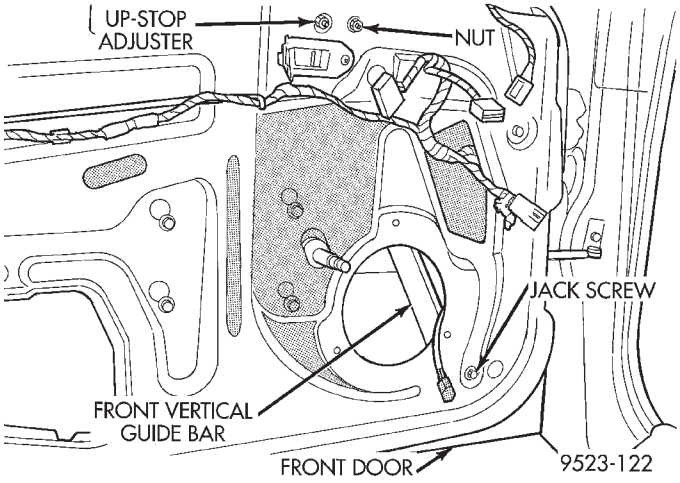


Fig. 24 Front Vertical Guide Bar

INSTALLATION

(1) Install power window motor on regulator, if so equipped. Refer to Group 8S for Power Window Motor procedures.

(2) Move window regulator into position in door and engage bolt heads in key-slots in inner door panel.

(3) Tighten bolts attaching regulator crank/motor to door panel.

(4) Install nuts holding top and bottom of window regulator to door panel.

(5) Install door glass. Refer to procedures in this section to verify and adjust glass alignment.

(6) Connect wire connector to power window motor, if so equipped.

(7) Install door speaker, if so equipped.

(8) Install door trim panel and water shield.

FRONT VERTICAL GUIDE BAR

REMOVAL

(1) Remove door trim panel and water shield.

(2) Remove door speaker, if equipped.

(3) Remove front lift guide.

(4) Remove bolt holding top of front guide bar to inner door panel.

(5) Using a Snap-on® flare-nut socket (FRXM10) and a hex wrench, remove nut holding bottom of guide bar to door panel while holding jack screws. (Fig. 24)

(6) Remove front vertical guide bar through speaker hole in inner door panel (Fig. 25).

INSTALLATION

Reverse the preceding operation. Verify door glass alignment, adjust if necessary.

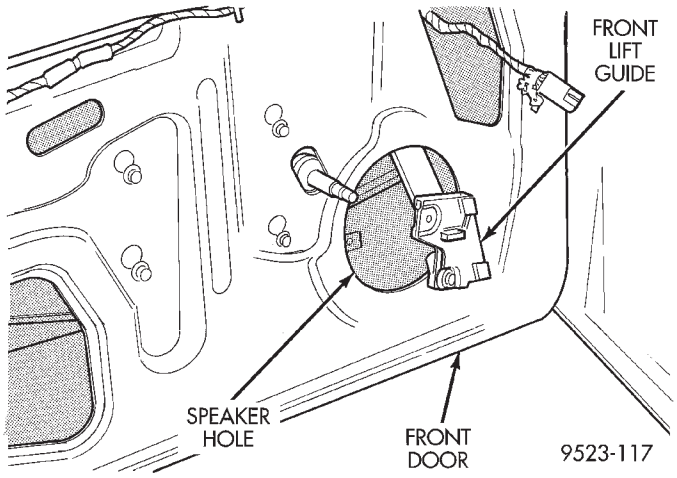


Fig. 25 Front Guide

REAR VERTICAL GUIDE BAR

REMOVAL

(1) Remove door trim panel and water shield.

(2) Remove nut holding top of rear guide bar to inner door panel.

(3) Using a Snap-on® flare-nut socket (FRXM10) and a hex wrench, remove nut holding bottom of guide bar to door panel while holding jack screws.

(4) Remove rear vertical guide bar through large access hole in inner door panel (Fig. 26).

INSTALLATION

Reverse the preceding operations and verify glass alignment.

FRONT DOOR LATCH

REMOVAL

(1) Remove door trim panel and water shield.

(2) Close door glass.

REMOVAL AND INSTALLATION (Continued)

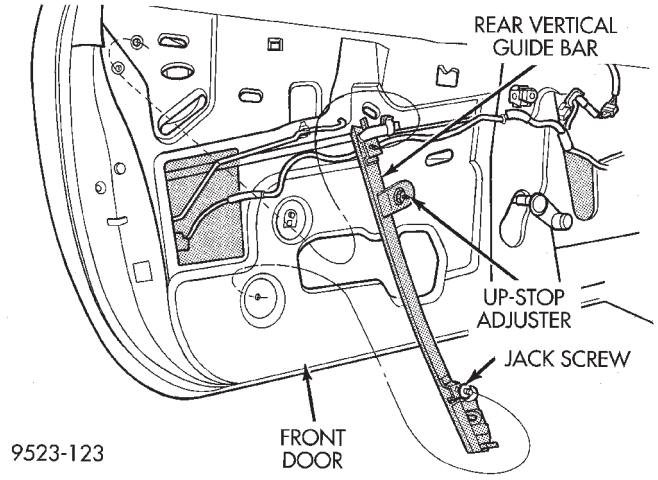


Fig. 26 Rear Vertical Guide Bar

(3) Disconnect lock and latch rods from door latch (Fig. 27).

(4) Disengage wire connector from power door lock motor, if equipped.

(5) Remove screws holding latch to door end frame.

(6) Separate door latch from vehicle.

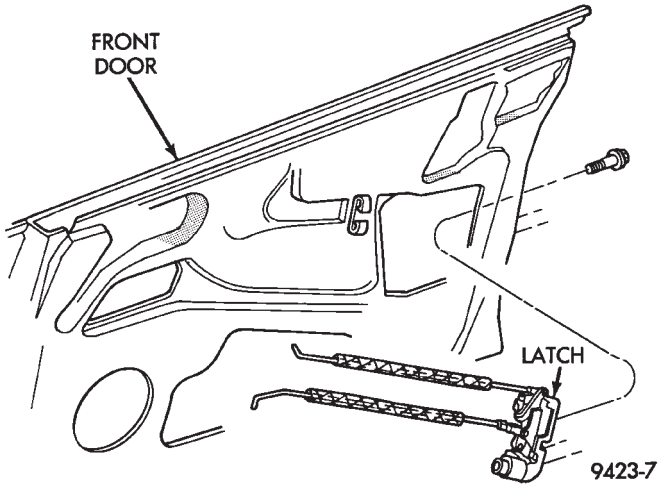


Fig. 27 Front Door Latch

INSTALLATION

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

(1) Position door latch inside door and install screws holding latch to door end frame.

(2) Engage wire connector into power door lock motor, if so equipped.

(3) Connect latch and lock rods to door latch.

(4) Install door trim panel and water shield.

(5) Adjust door latch using procedure in this section.

FRONT DOOR OUTSIDE HANDLE

REMOVAL

(1) Remove door trim panel and water shield.

(2) Close door glass.

(3) Disconnect lock and latch rods from door latch.

(4) Remove nut holding door handle retainer to outer door panel (Fig. 28).

(5) Separate retainer from back of door handle.

(6) Separate door handle from vehicle.

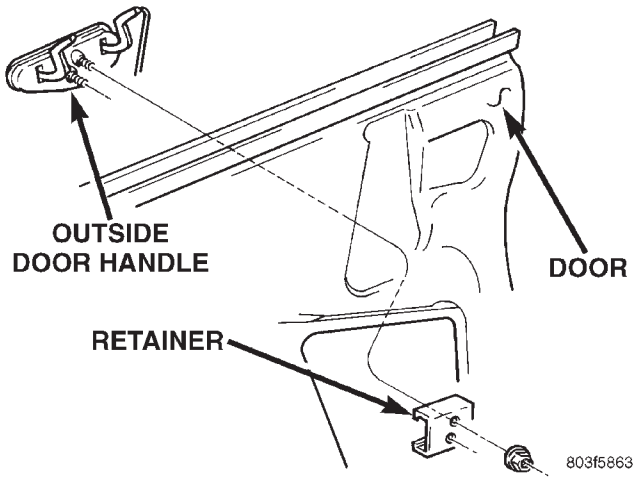


Fig. 28 Front Door Outside Handle

INSTALLATION

(1) Position door handle into door and install retainer at back of handle.

(2) Install nut holding door handle retainer to outer door panel.

(3) Connect lock and latch rods to door latch.

(4) Install door trim panel and water shield.

DOOR LOCK CYLINDER

REMOVAL

(1) Remove door trim panel and water shield.

(2) Close door glass.

(3) Disconnect door lock rod from latch.

(4) Remove clip holding lock cylinder to door handle.

(5) Pull lock cylinder from door handle (Fig. 29).

INSTALLATION

(1) Push lock cylinder into door handle.

(2) Install clip holding lock cylinder to door handle.

(3) Connect door lock rod from latch.

(4) Install door trim panel and water shield.

REMOVAL AND INSTALLATION (Continued)

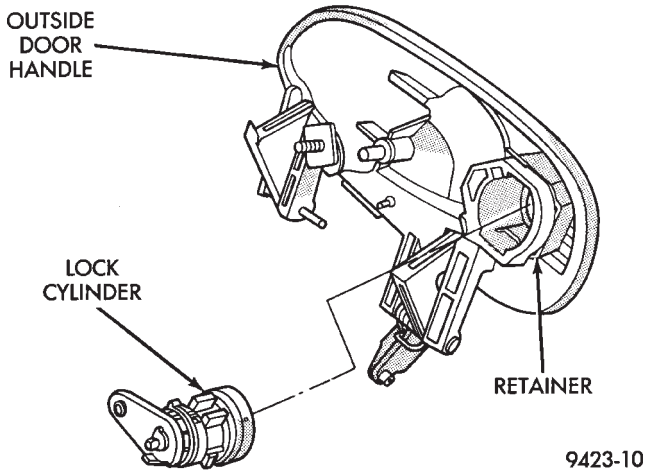


Fig. 29 Door Lock Cylinder

FRONT DOOR CHECK STOP

REMOVAL

(1) Remove door trim panel and water shield.
(2) Remove bolt holding check stop to hinge pillar.
(3) Remove door speaker.
(4) Remove bolts holding check stop to door end frame (Fig. 30).
(5) Separate check stop from vehicle.

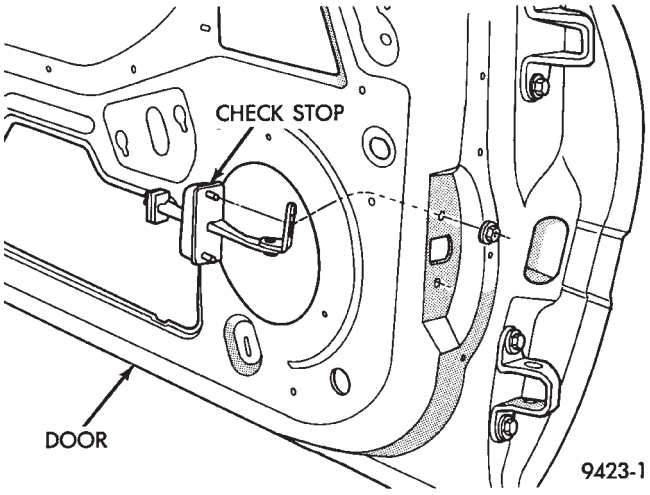


Fig. 30 Front Door Check Stop

INSTALLATION

(1) Position door check on vehicle and install bolts attaching stop to door end frame.
(2) Install door speaker, if so equipped.
(3) Install bolt holding door check stop to hinge pillar.
(4) Install door trim panel and water shield.

SIDE VIEW MIRROR TRIM COVER

REMOVAL

(1) Disengage clips holding side view mirror cover to stanchion (Fig. 31).
(2) Separate mirror cover from vehicle.

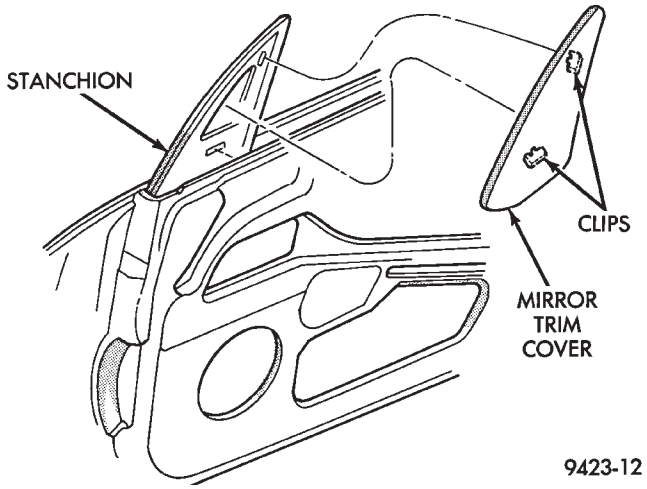


Fig. 31 Side View Mirror Trim Cover

INSTALLATION

Reverse the preceding operation.

SIDE VIEW MIRROR

REMOVAL

(1) Remove side view mirror cover.
(2) Remove door trim panel.
(3) Remove water shield if equipped with power mirror.
(4) Disengage wire connector from power mirror motor, if equipped.
(5) Remove bolts holding mirror to stanchion (Fig. 32).
(6) Separate mirror from vehicle.

INSTALLATION

(1) Position side view mirror on vehicle and install nuts attaching mirror to stanchion.
(2) Engage wire connector from power window motor, if so equipped.
(3) Install water shield if equipped with power mirror.
(4) Install door trim panel.
(5) Install side view mirror trim cover.

REMOVAL AND INSTALLATION (Continued)

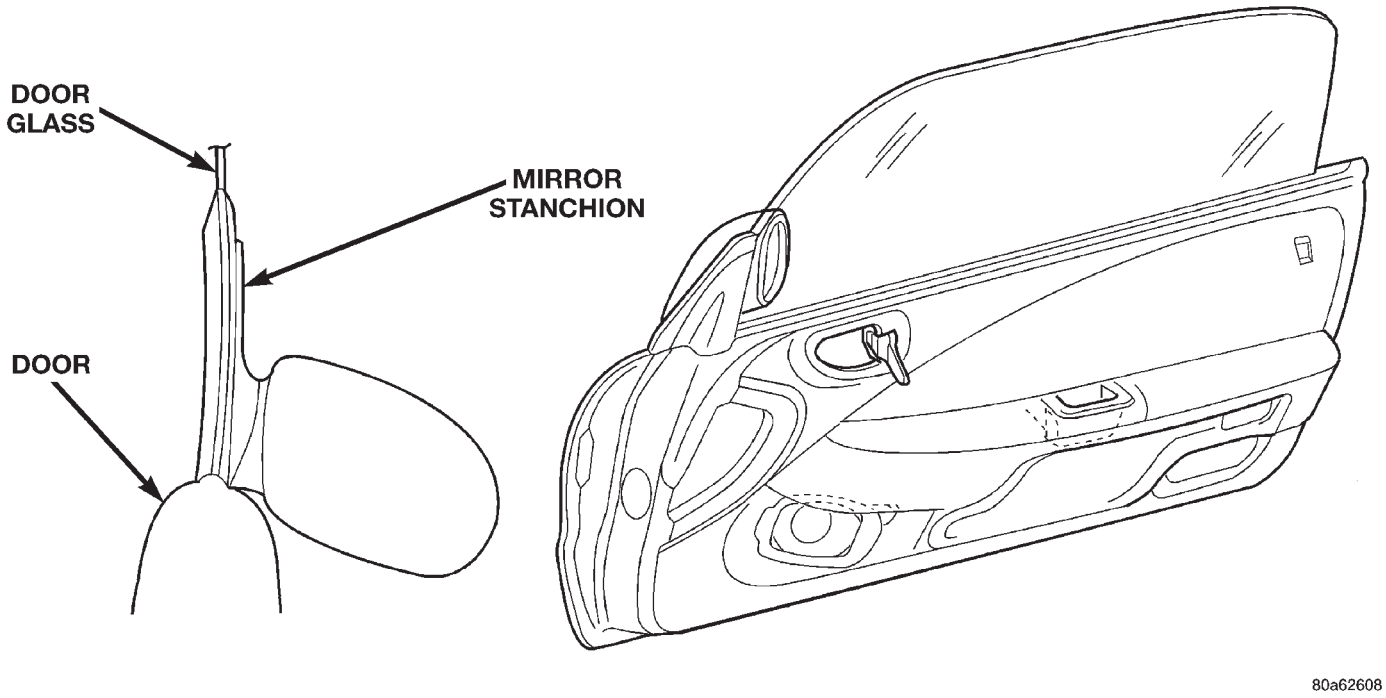


Fig. 32 Side View Mirror

SIDE VIEW MIRROR STANCHION

REMOVAL

(1) Remove side view mirror.

(2) Remove bolt holding top of side view mirror stanchion to inner door panel.

(3) Remove bolts holding stanchion to outer door panel (Fig. 33).

(4) Remove nut holding stanchion jack-screw to inner door panel.

(5) Disengage push-in fastener holding door opening weatherstrip to stanchion.

(6) Separate stanchion from vehicle.

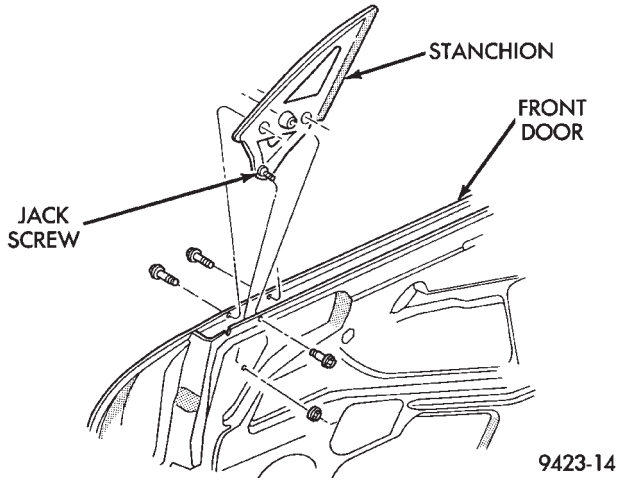


Fig. 33 Side View Mirror Stanchion

INSTALLATION

Reverse the preceding operation. Using a Snap-on flare-nut socket (FRXM10) and hex-wrench adjust the jack-screw at bottom of stanchion to achieve proper alignment.

FRONT DOOR OUTER BELT WEATHERSTRIP

REMOVAL

(1) Open door glass.

(2) Pull upward at rear end of outer belt weatherstrip.

(3) Separate outer belt weatherstrip from vehicle (Fig. 34).

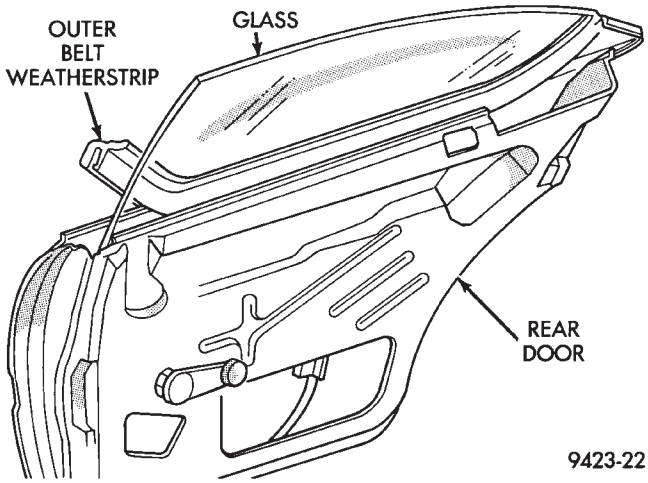


Fig. 34 Outer Belt Weatherstrip—Typical

REMOVAL AND INSTALLATION (Continued)

INSTALLATION

(1) Starting at leading edge of door, press weatherstrip onto door.

(2) Operate window and check for interference

DOOR

The procedure for servicing the front and rear doors are the same. Refer to the following procedure when servicing either door.

REMOVAL

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

(1) Open and support door on a suitable lifting device.

(2) Disengage wire connector at hinge pillar, if necessary.

(3) Remove bolts holding door check strap to hinge pillar.

(4) Remove clip holding hinge pin in lower door hinge.

(5) Remove pin from lower hinge (Fig. 35).

(6) Remove clip holding hinge pin in upper hinge.

(7) Remove pin from upper hinge (Fig. 35).

(8) Separate door from vehicle.

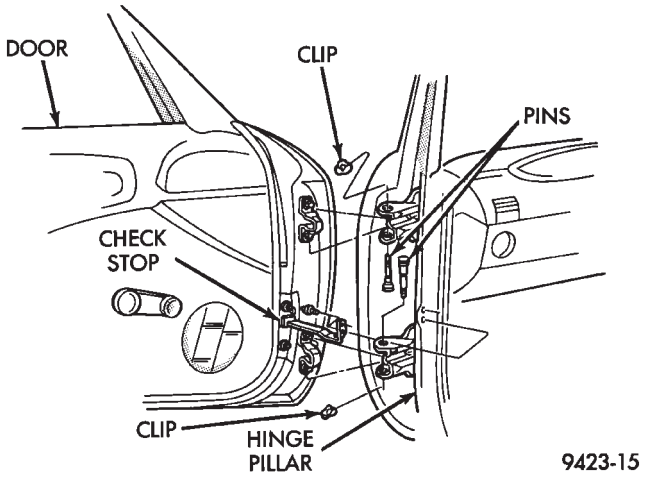


Fig. 35 Door

INSTALLATION

(1) Apply Mopar® Multimileage Grease to inside of door hinge bushings.

(2) Position door on vehicle and install pin in upper hinge. Align knurling on hinge pin with the grooves in the door hinge prior to driving in the hinge pin.

(3) Install pin in lower hinge.

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

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

(5) Install new clip holding pin in lower hinge.

(6) Install bolts holding door check strap to hinge pillar.

(7) Engage wire connector at hinge pillar, if necessary.

DOOR HINGE

The procedure for replacing the front and rear door hinges are the same. Refer to the following procedure when servicing either hinge.

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

REMOVAL

(1) Open and support door on a suitable lifting device.

(2) Remove bolts holding door check strap to lower A–pillar for greater access, if necessary.

(3) Mark position of hinge on both the door end frame and lower A–pillar to ease installation.

(4) Remove bolts holding hinge to door end frame (Fig. 36).

(5) Remove bolts holding hinge to lower A–pillar.

(6) Separate door hinge from vehicle.

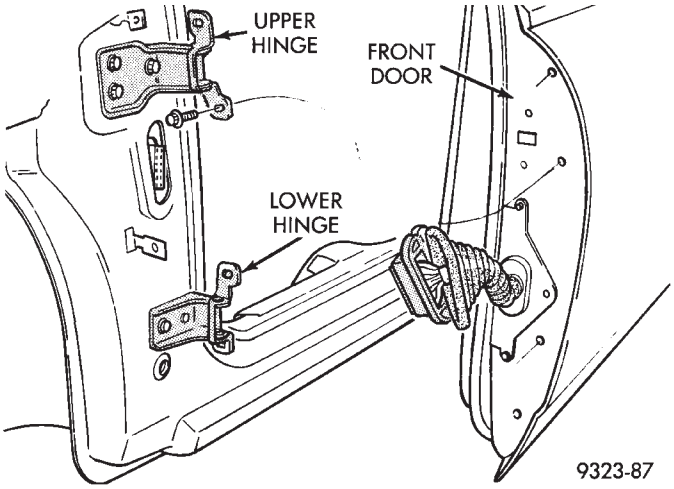


Fig. 36 Door and Hinge—Typical

INSTALLATION

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

(1) If necessary, paint new door hinge prior to installation.

REMOVAL AND INSTALLATION (Continued)

(2) Position door hinge on vehicle.
(3) Loosely install bolts holding hinge to lower A–pillar.
(4) Loosely install bolts holding hinge to door end frame.
(5) Align hinge to marks made previously and tighten all bolts.
(6) Install bolts holding door check strap to lower A–pillar, if removed previously.
(7) Verify door fit and operation. Adjust door hinge for proper door alignment, if necessary.

FRONT DOOR LATCH STRIKER

REMOVAL

(1) Mark outline of door latch striker on B-pillar to aid installation.
(2) Remove screws holding door latch striker to B-pillar (Fig. 37).
(3) Separate door latch striker from vehicle.

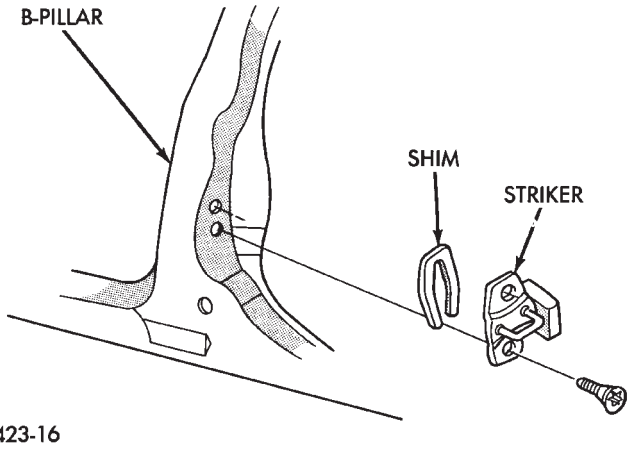


Fig. 37 Front Door Latch Striker

INSTALLATION

Reverse the preceding operation.

FRONT DOOR WEATHERSTRIP

REMOVAL

(1) Using a fork-type prying tool, disengage push-in fasteners holding weatherstrip to door (Fig. 38).
(2) Separate weatherstrip from door.

INSTALLATION

Reverse the preceding operation.

ROOF RAIL WEATHERSTRIP

REMOVAL

(1) Using a fork tool C-4829, Disengage push-in fasteners holding bottom of weatherstrip to B-pillar.
(2) Disengage push-in fasteners holding bottom of weatherstrip to A-pillar (Fig. 39).

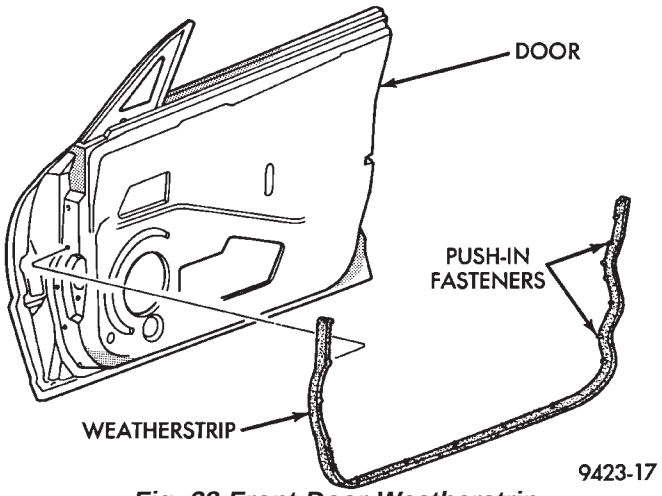


Fig. 38 Front Door Weatherstrip

(3) Pull roof rail weatherstrip from retainer channel.

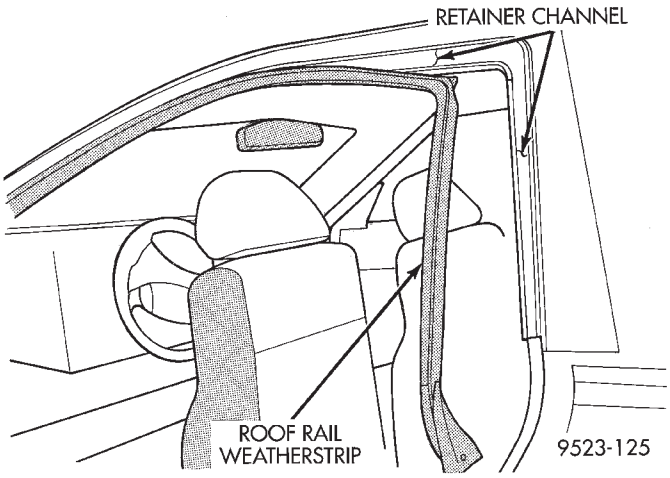


Fig. 39 Roof Rail Weatherstrip

INSTALLATION

Reverse the preceding operation. Zip roof rail weatherstrip into retainer channel using a suitable awl (Fig. 40).

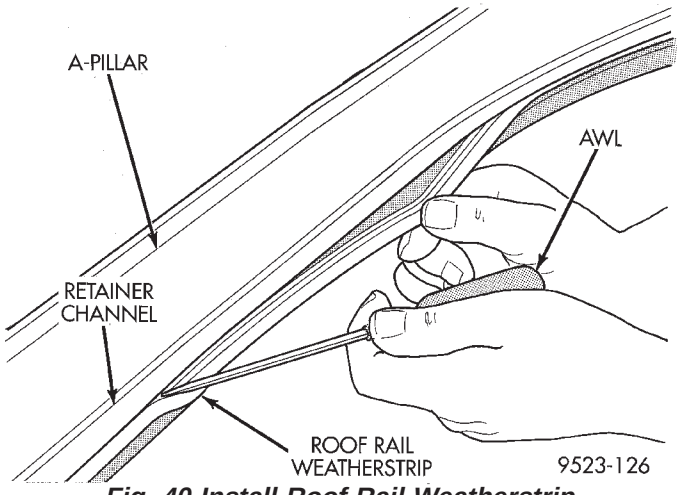


Fig. 40 Install Roof Rail Weatherstrip

REMOVAL AND INSTALLATION (Continued)

ROOF RAIL WEATHERSTRIP

REMOVAL

(1) Remove B-pillar applique.

(2) Remove push-in fasteners holding bottom of roof rail weatherstrip to B-pillar.

(3) Remove push-in fastener holding rearward end of weatherstrip to quarter panel.

(4) Remove push-in fasteners holding weatherstrip to front door hinge pillar.

(5) Pull weatherstrip from retainer channel under drip rail (Fig. 41).

(6) Pull weatherstrip from B-pillar channels.

(7) Separate roof rail weatherstrip from vehicle.

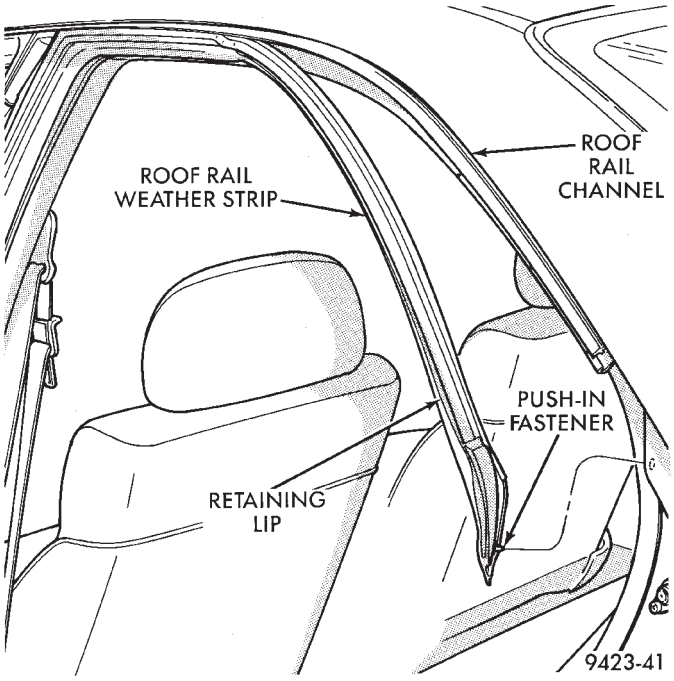


Fig. 41 Roof Rail Weatherstrip

INSTALLATION

(1) Place weatherstrip in position on B-pillar retainer channels.

(2) Insert weatherstrip into channels.

(3) Using a suitable awl, zip retaining lip on back of weatherstrip into B-pillar and roof rail channels.

(4) Install push-in fasteners to hold weatherstrip to B-pillar, hinge pillar and quarter panel.

B-PILLAR APPLIQUE—2 DOOR

REMOVAL

(1) Using a trim stick C-4755, pry bottom of applique away from B-pillar.

(2) Disengage push-in fastener holding bottom of applique to B-pillar.

(3) Separate applique from body side molding tape on back of applique (Fig. 42).

(4) Disengage push-in fastener holding top of applique to B- pillar.

(5) Separate applique from vehicle.

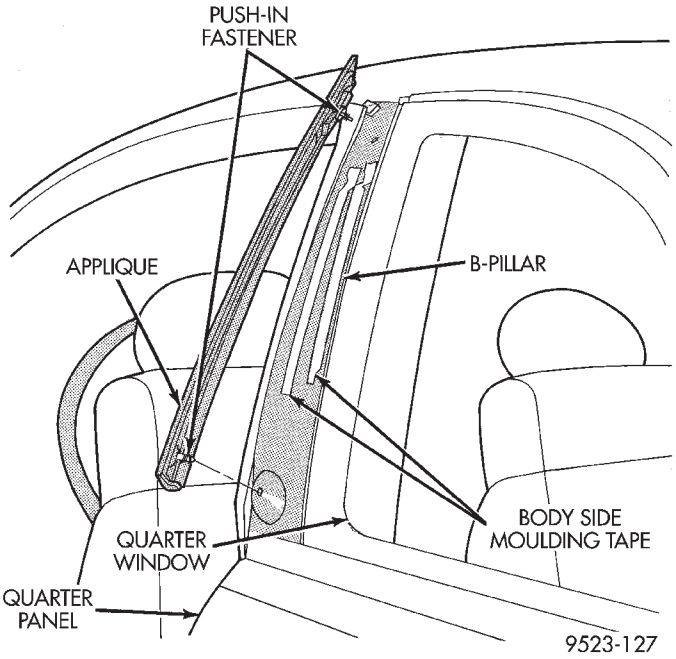


Fig. 42 B-pillar Applique

INSTALLATION

Reverse the preceding operation. Carefully remove adhesive residue from back of applique and B-pillar. Install new body side molding adhesive tape on back of applique.

B-PILLAR APPLIQUE—4 DOOR

REMOVAL

(1) Open doors to gain access to bottom of B-pillar applique.

(2) Disengage push-in fastener holding bottom of applique to B-pillar.

(3) If temperature in work area is below 21°C (70°F), heat applique to aid adhesive separation from fastening tape.

(4) Pull outward at bottom of applique to separate tape from B-pillar.

(5) Disengage push-in fastener holding top of applique to B-pillar.

(6) Separate applique from vehicle (Fig. 43).

INSTALLATION

Reverse the preceding operation. Carefully remove adhesive residue from applique and car body. Apply new body side molding adhesive tape on back side of applique.

REMOVAL AND INSTALLATION (Continued)

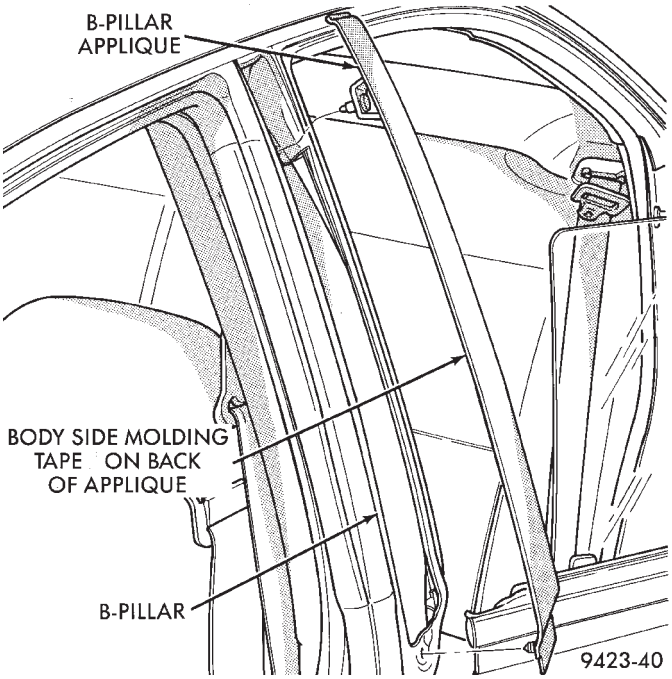


Fig. 43 B-pillar Applique

B-PILLAR WEATHERSTRIP CHANNEL

REMOVAL

(1) Remove B-pillar applique.
(2) Remove push-in fasteners holding weatherstrip to B-pillar.
(3) Pull weatherstrip from B-pillar channels.
(4) Remove screws holding channels to B-pillar (Fig. 44).
(5) Separate channels from B-pillar.

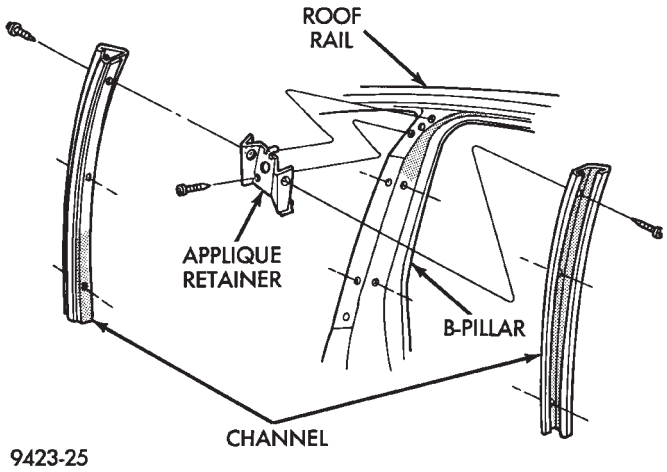


Fig. 44 B-pillar Weatherstrip Channel

INSTALLATION

Reverse the preceding operation.

REAR DOOR TRIM

REMOVAL

(1) Release door latch and open door.
(2) Lower window glass.
(3) Remove window regulator crank.
(4) Remove screw from inside arm rest pull cup.
(5) Remove screw from behind inside latch release handle (Fig. 45).
(6) Disengage push-in fasteners holding trim to door panel around perimeter of trim panel.
(7) Disengage trim panel from retainer channel in inner belt weatherstrip at top of door by lifting while jiggling.
(8) Tilt top of trim panel away from door and disengage clip holding latch rod to handle.
(9) Separate latch rod from handle.
(10) Separate trim panel from door.

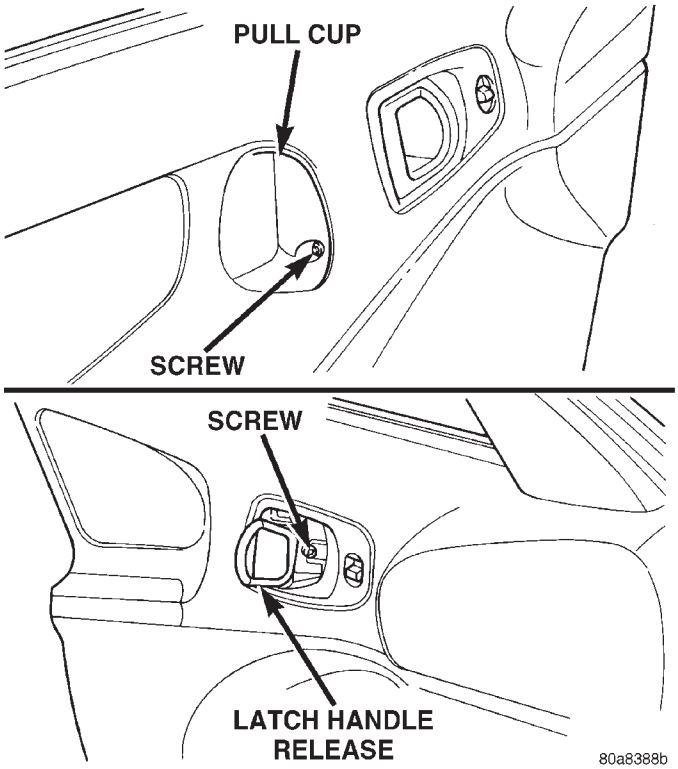


Fig. 45 Rear Door Trim

INSTALLATION

(1) Replace any damaged or missing push–in fasteners from around perimeter of door trim panel.
(2) Place trim panel in position on door.
(3) Insert latch rod into handle and engage clip.
(4) Engage trim panel into retainer channel at top of door.
(5) Locate door trim panel to inner door panel by aligning locating pins on backside of trim panel to mating holes in inner door panel.
(6) Engage push-in fasteners to hold trim to door panel around perimeter of trim panel.

REMOVAL AND INSTALLATION (Continued)

(7) Install screw behind inside latch release handle.
(8) Install screw inside arm rest pull cup.
(9) Install window regulator crank.

REAR DOOR INNER BELT WEATHERSTRIP

REMOVAL

(1) Remove door trim panel.
(2) Pull weatherstrip from top of door panel (Fig. 46).
(3) Separate weatherstrip from door.

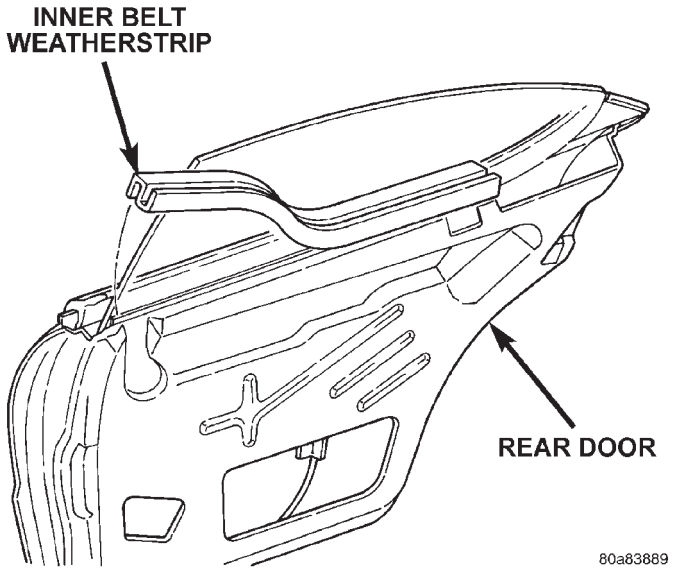


Fig. 46 Rear Door Inner Belt Weatherstrip

INSTALLATION

(1) Place inner belt weatherstrip in position on door.
(2) Push down on weatherstrip to engage channel to door panel.
(3) Install door trim panel.

REAR DOOR GLASS

REMOVAL

(1) Remove door trim panel and water shield.
(2) Remove inner door belt weatherstrip.
(3) Loosen door glass jounce bumper.
(4) Lower door glass to bottom of door.
(5) Remove nuts holding door glass to window regulator lift plate (Fig. 47).
(6) Disengage door glass from regulator.
(7) Lift door glass upward out of the opening at the top of door.

INSTALLATION

(1) Lower door glass through opening in top of door and into position in the window regulator.
(2) Install nuts holding door glass to window regulator lift plate.

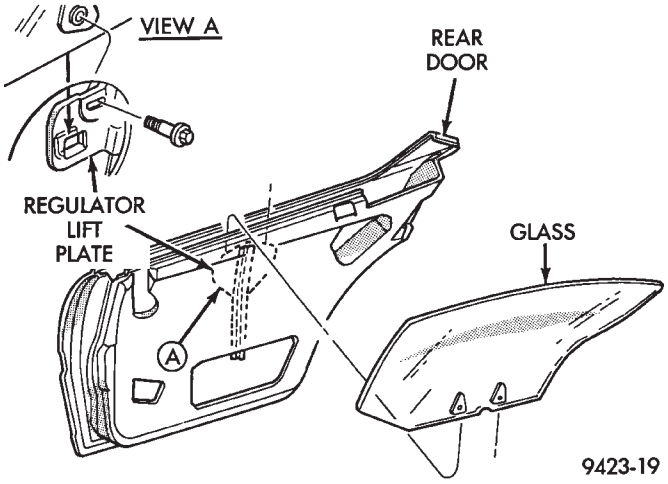


Fig. 47 Rear Door Glass

(3) Raise glass and tighten window inner belt stabilizer.
(4) Install inner door belt weatherstrip, watershield, and door trim panel.
(5) Operate window and check for interference. Adjust glass as necessary.

REAR DOOR WINDOW REGULATOR

REMOVAL

(1) Remove door trim panel and watershield.
(2) Remove door glass.
(3) Loosen bolts holding window regulator crank/motor to door panel.
(4) Disengage bolt heads from keyhole slots in door panel.
(5) Loosen bolts holding window regulator lift bar to door panel.
(6) Disengage bolt heads from keyhole slots in door panel (Fig. 48).
(7) Remove window regulator from door through access hole in inner panel.

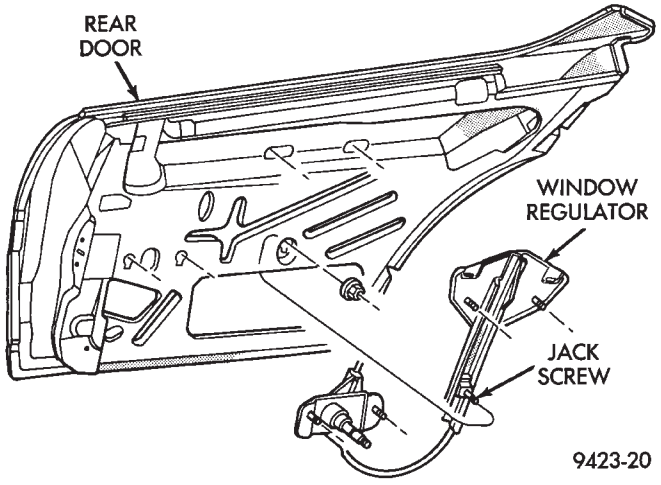


Fig. 48 Rear Door Window Regulator

REMOVAL AND INSTALLATION (Continued)

INSTALLATION

(1) Move window regulator into position and engage bolt heads into key-hole slots in inner door panel.

(2) Tighten bolts holding window regulator lift bar to inner door panel.

(3) Engage window regulator crank/motor bolts into key-hole slots in door panel.

(4) Tighten window regulator crank/motor bolts.

(5) Install door glass, watershield, and door trim panel.

REAR DOOR LATCH

REMOVAL

(1) Remove door trim panel and water shield.

(2) Close door glass.

(3) Disconnect lock and latch rods from door latch.

(4) Disengage wire connector from power door lock motor, if equipped.

(5) Remove screws holding latch to door end frame (Fig. 49).

(6) Separate door latch from vehicle.

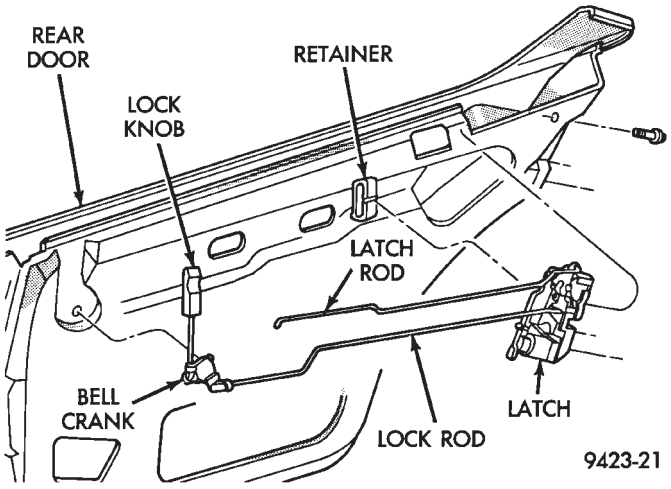


Fig. 49 Rear Door Latch

INSTALLATION

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

(1) Position door latch on vehicle and install screws holding latch to door end frame.

(2) Engage wire connector to power door lock motor, if so equipped.

(3) Connect lock and latch rods to door latch.

(4) Install watershield and door trim panel.

REAR DOOR LOCK BELL CRANK

REMOVAL

(1) Remove door trim panel and water shield.

(2) Disengage clips holding lock rods to bell crank.

(3) Separate lock rods from bell crank.

(4) Rotate bell crank to align retaining tabs to slots in door panel.

(5) Separate bell crank from door.

INSTALLATION

Reverse the preceding operation.

REAR DOOR OUTER BELT WEATHERSTRIP

REMOVAL

(1) Open door glass.

(2) Pull upward at rear end of outer belt weatherstrip.

(3) Separate outer belt weatherstrip from vehicle (Fig. 50).

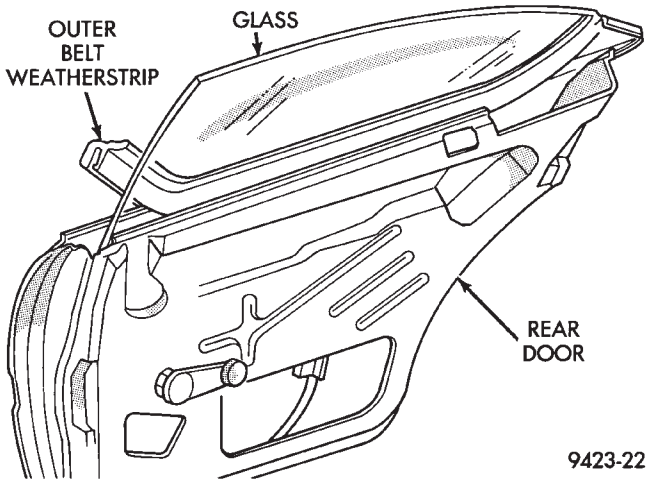


Fig. 50 Rear Door Outer Belt Weatherstrip

INSTALLATION

Reverse the preceding operation.

REAR DOOR LATCH STRIKER

REMOVAL

(1) Mark outline of door latch striker on B-pillar to aid installation.

REMOVAL AND INSTALLATION (Continued)

(2) Remove screws holding door latch striker to B-pillar (Fig. 51).

(3) Separate door latch striker from vehicle.

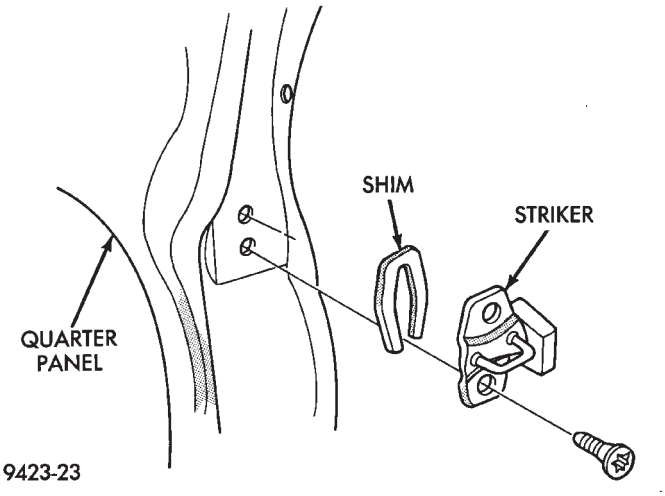


Fig. 51 Rear Door Latch Striker

INSTALLATION

Reverse the preceding operation.

REAR DOOR INTERLOCK LATCH STRIKER

REMOVAL

(1) Release door latch and open rear door.

(2) Mark outline of interlock striker on C-pillar to aid installation.

(3) Remove interlock striker from vehicle (Fig. 52).

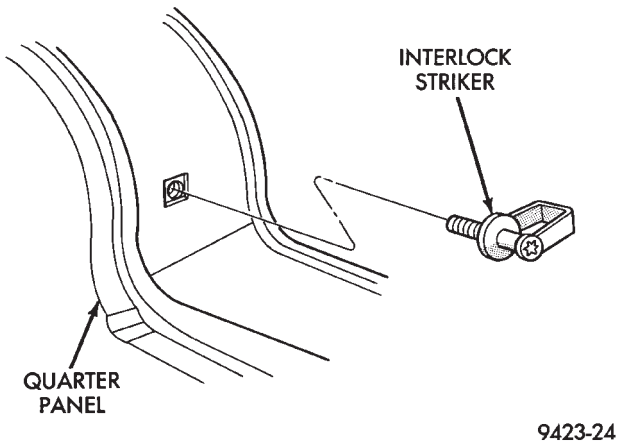


Fig. 52 Rear Door Interlock Latch Striker

INSTALLATION

Reverse the preceding operation.

FLOOR CONSOLE

REMOVAL

(1) Fully apply parking brake.

(2) Remove screw cover plugs over screws just rearward of cupholders.

(3) Remove screws holding console to floor bracket just rearward of cupholders (Fig. 53).

(4) Open console storage compartment lid, if so equipped.

(5) Remove screw cover plugs over screws near rear of console, if vehicle is equipped with a non–armrest console.

(6) Remove screws holding console to floor bracket.

(7) Snap out side attachment covers, if equipped (Fig. 53).

(8) Remove side attachment bolts holding rear of console to floor bracket, if equipped.

(9) Remove shift lever knob, if vehicle is equipped with a manual transmission.

(10) Lift console upward over gear selector and park brake handle.

(11) Separate console from vehicle.

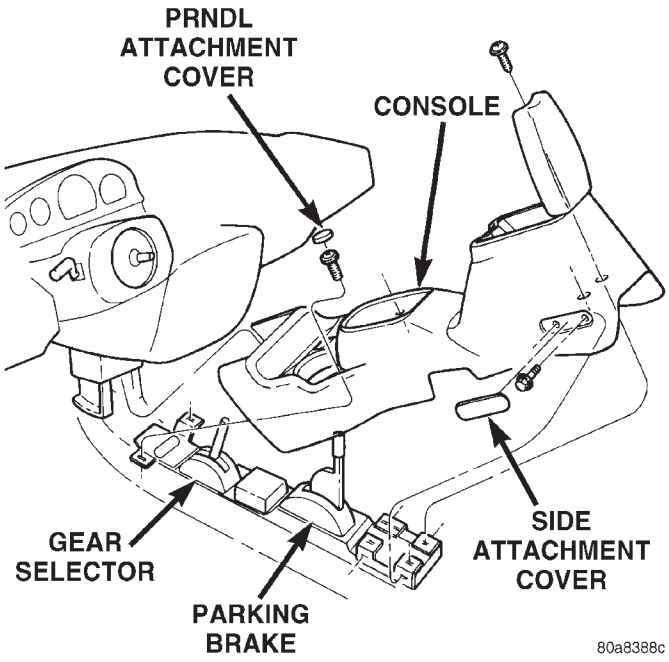


Fig. 53 Floor Console

INSTALLATION

(1) Move floor console into position in vehicle.

(2) Install screws holding console to floor brackets.

(3) Install screw cover plugs.

(4) Install side attachment covers, if equipped.

(5) Install shift lever knob, if vehicle is equipped with a manual transmission.

(6) Release parking brake and close console storage compartment lid, if so equipped.

DOOR SILL TRIM

REMOVAL

(1) Open door to gain access to sill trim.

REMOVAL AND INSTALLATION (Continued)

(2) Disengage clips holding sill trim to door sill and door opening flange.

(3) Separate door sill trim from vehicle (Fig. 54).

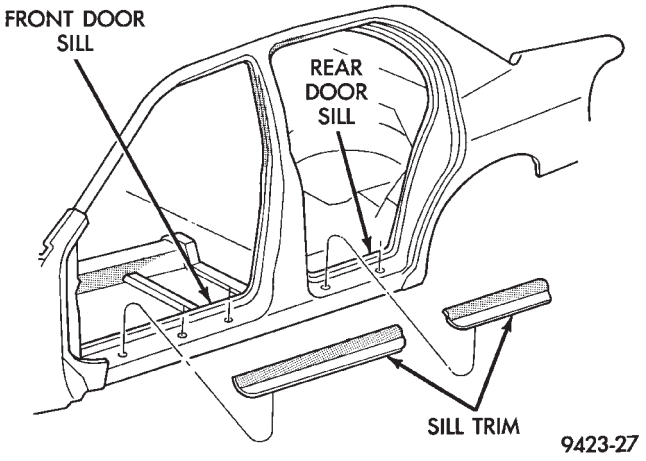


Fig. 54 Door Sill Trim

INSTALLATION

(1) Position door sill trim on door sill.

(2) Align locating pins on backside of trim panel to holes in door sill.

(3) Engage clips on trim panel into slots in door sill.

(4) Engage clips on trim panel onto door opening flange.

(5) Press downward on trim panel to fully engage all clips.

DOOR OPENING TRIM WELT

REMOVAL

(1) Open door to gain access to trim welt.

(2) Remove door sill trim panel.

(3) Pull trim welt from door opening flange (Fig. 55).

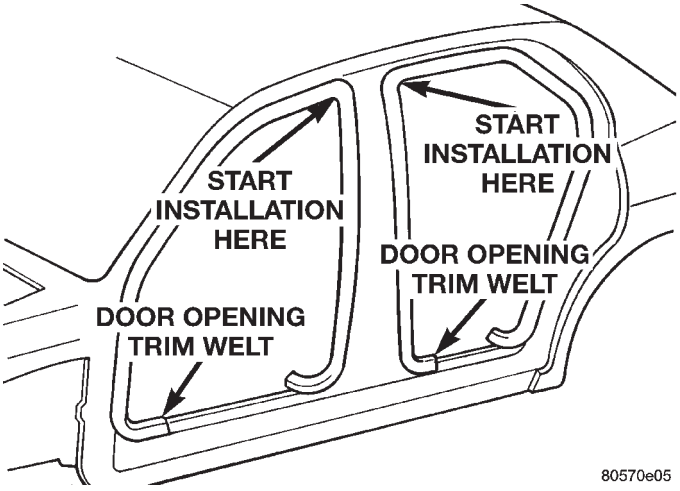


Fig. 55 Door Opening Trim Welt

INSTALLATION

(1) Locate paint dot on backside of trim welt.

(2) Position trim welt to vehicle with paint dot in the appropriate position.

(3) Press trim welt onto door opening flange starting at the paint dot position.

(4) Install door sill trim panel

A-PILLAR TRIM

REMOVAL

(1) Remove instrument panel top cover.

(2) Disengage clips holding trim to A-pillar.

(3) Separate A-pillar trim from vehicle (Fig. 56).

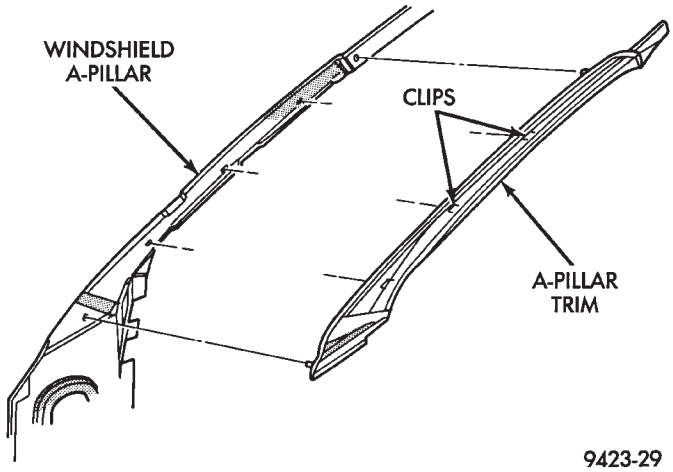


Fig. 56 A-pillar Trim

INSTALLATION

(1) Position A–pillar trim panel to A–pillar.

(2) Align locating pins on backside of trim panel to mating holes in A–pillar.

(3) Push clips on trim panel into slots in A–pillar.

(4) Install instrument panel top cover.

SIDE COWL TRIM

REMOVAL

(1) Disengage clips holding cowl trim to cowl side panel.

(2) Separate cowl trim from vehicle (Fig. 57).

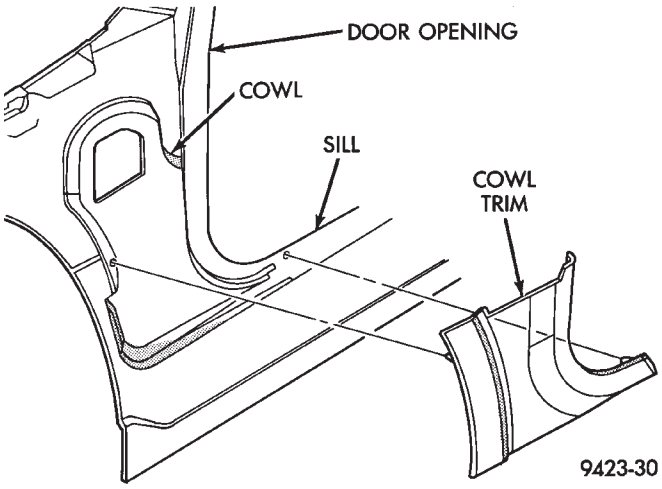


Fig. 57 Side Cowl Trim

INSTALLATION

(1) Position cowl trim panel to inner cowl panel.

REMOVAL AND INSTALLATION (Continued)

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

(3) Push clips on trim panel into slots in inner cowl panel.

B-PILLAR TRIM—4 DOOR

REMOVAL

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

(2) Remove shoulder belt height control knob.

(3) Remove bolt holding turning loop to belt adjuster (Fig. 58).

(4) Remove access cover from B-pillar trim.

(5) Disengage clips holding trim to B-pillar.

(6) Feed seat belt turning loop and seat belt through trim panel.

(7) Separate B-pillar trim from vehicle.

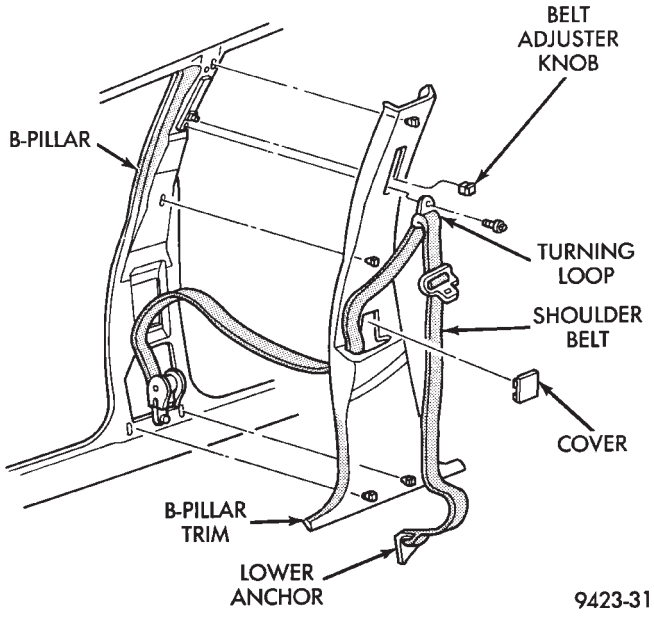


Fig. 58 B-pillar Trim

INSTALLATION

(1) Position B–pillar trim panel near B–pillar.

(2) Feed seat belt turning loop and seat belt through trim panel.

(3) Align locating pins on backside of trim panel to mating holes in B–pillar.

(4) Push clips on trim panel into slots in B–pillar.

(5) Install access cover to B-pillar trim.

(6) Install bolt holding turning loop to belt adjuster.

(7) Install shoulder belt height control knob.

(8) Install bolt holding lower seat belt anchor to floor pan kick-up.

QUARTER TRIM PANEL—2 DOOR

REMOVAL

(1) Remove rear seat cushion and back.

(2) Slide lower seat belt anchor cover up the webbing to expose the belt.

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

(4) Separate seat belt from floor.

(5) Remove screw holding coat hook to top of quarter trim panel.

(6) Disengage hidden clips holding quarter trim panel to inner quarter panel. (Fig. 59)

(7) Separate trim from quarter panel.

(8) Feed seat belt webbing through access hole in trim panel.

(9) Separate quarter trim panel from vehicle.

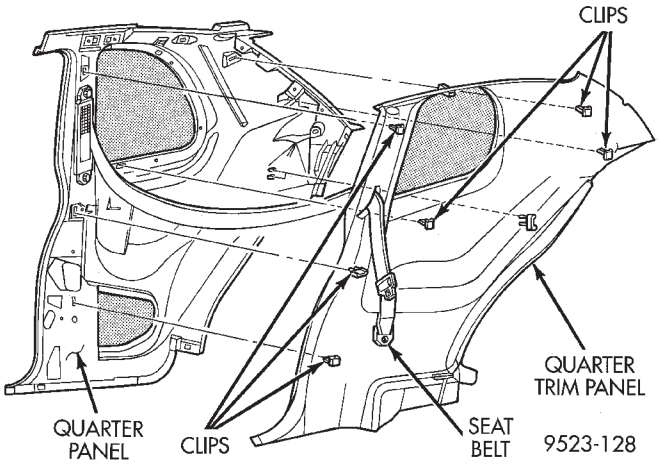


Fig. 59 Quarter Trim Panel

INSTALLATION

(1) Feed seat belt webbing through access hole in trim panel.

(2) Position trim panel near inner quarter panel.

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

(4) Push clips on trim panel into slots in inner quarter panel starting with the clips located near locating pins.

(5) Install screw holding coat hook to top of quarter trim panel.

(6) Install bolt securing seat belt anchor to floor.

(7) Slide lower seat belt anchor cover down to cover anchor bolt.

(8) Install rear seat cushion and seat back.

REMOVAL AND INSTALLATION (Continued)

UPPER QUARTER TRIM—4 DOOR

REMOVAL

(1) Disengage clips holding trim to upper quarter panel (Fig. 60).

(2) Separate upper trim panel from vehicle.

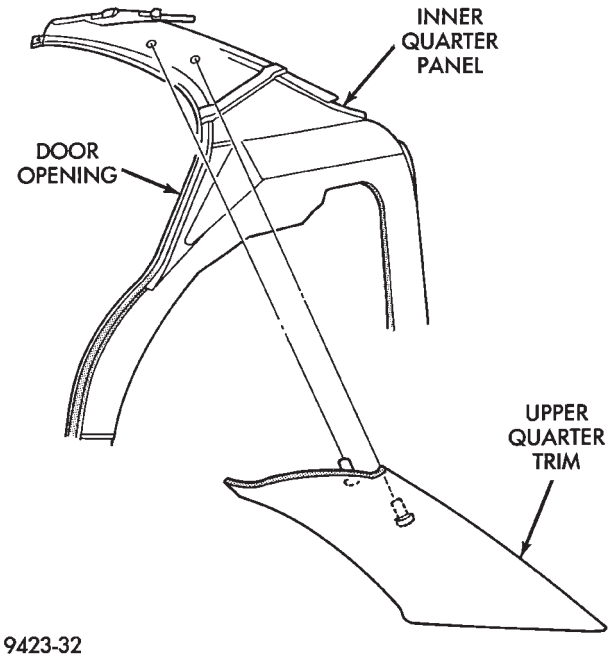


Fig. 60 Upper Quarter Trim

INSTALLATION

(1) Check to ensure that electric rear window wiring is positioned correctly in the roof channel provided.

(2) Position trim panel in vehicle.

(3) Align locating pins on backside of trim panel to mating holes in upper quarter panel.

(4) Push clips on trim panel into slots in upper quarter panel.

LOWER QUARTER TRIM—4 DOOR

REMOVAL

(1) Remove upper quarter trim panel.

(2) Remove rear seat cushion and back.

(3) Disengage clips holding trim to lower quarter panel.

(4) Remove seat belt from slot in trim panel.

(5) Separate lower quarter trim from vehicle (Fig. 61).

INSTALLATION

(1) Position lower quarter trim panel to vehicle.

(2) Install seat belt to slot in trim panel.

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

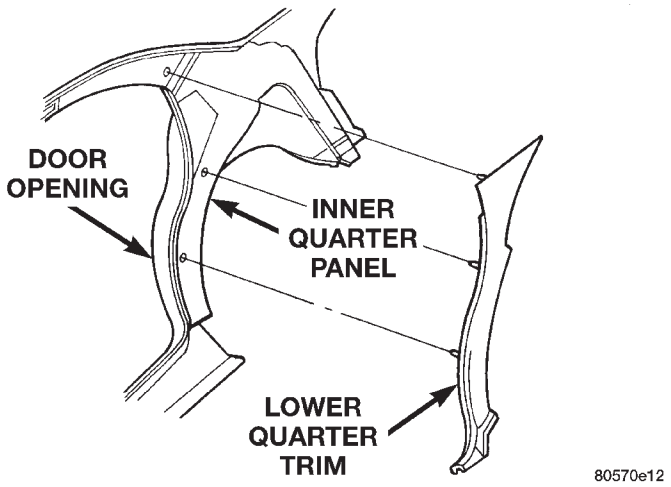


Fig. 61 Lower Quarter Trim—4 Door

(4) Press clips on trim panel into slots in inner quarter panel.

(5) Install rear seat back and cushion.

(6) Install upper quarter trim panel.

PARCEL SHELF TRIM

REMOVAL

(1) Remove upper quarter trim from one side of vehicle.

(2) Remove rear seat cushion and back.

(3) Remove bolts holding rear seat shoulder belt lower anchors to floor pan.

(4) Disengage seat belt bezel from parcel shelf.

(5) Separate parcel shelf trim from vehicle.

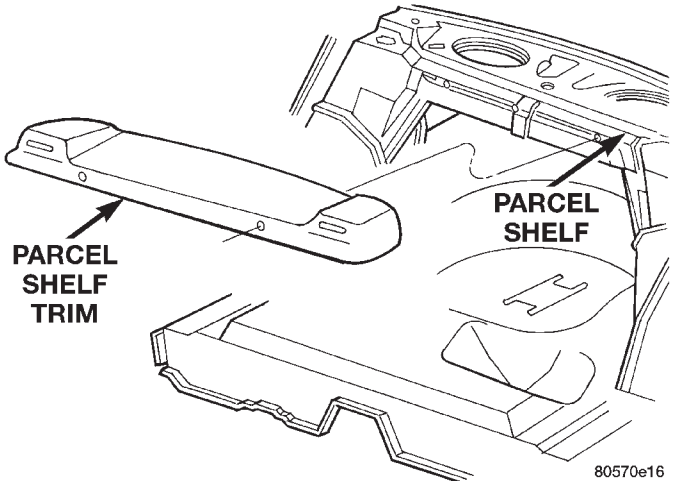


Fig. 62 Parcel Shelf Trim

INSTALLATION

Reverse the preceding operation.

REMOVAL AND INSTALLATION (Continued)

FRONT OUTBOARD SEAT BELT

REMOVAL

(1) Slide lower seat belt anchor cover upward to expose bolt.

(2) Remove bolt holding lower anchor bolt to floor below door sill (Fig. 63).

(3) Separate lower anchor from floor.

(4) Remove rear seat cushion and back.

(5) Remove quarter trim panel.

(6) Guide seat belt webbing through slot in quarter trim panel.

(7) Disengage wire connector from seat belt retractor.

(8) Remove bolts holding seat belt retractor to B-pillar (Fig. 64).

(9) Separate seat belt retractor from vehicle.

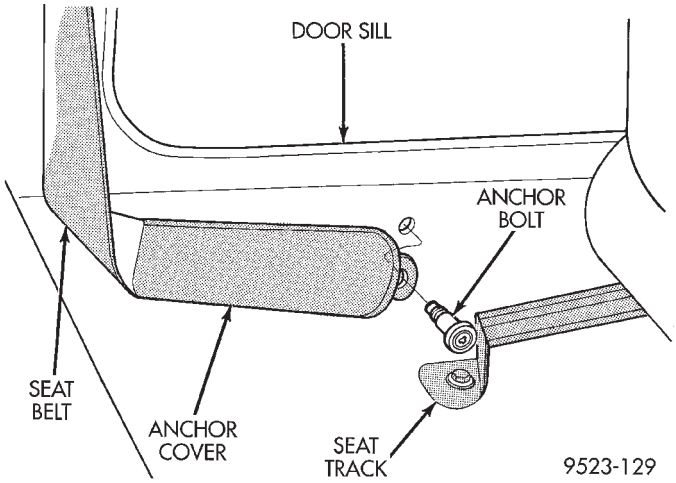


Fig. 63 Front Outboard Seat Belt Anchor

INSTALLATION

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

FRONT SEAT BELT BUCKLE

REMOVAL

(1) Move front seat to the forward position.

(2) Remove bolt holding seat belt buckle to seat.

(3) Separate seat belt buckle from seat.

INSTALLATION

Reverse the preceding operation.

FRONT SEAT BELT RETRACTOR

REMOVAL

(1) Remove B-pillar trim.

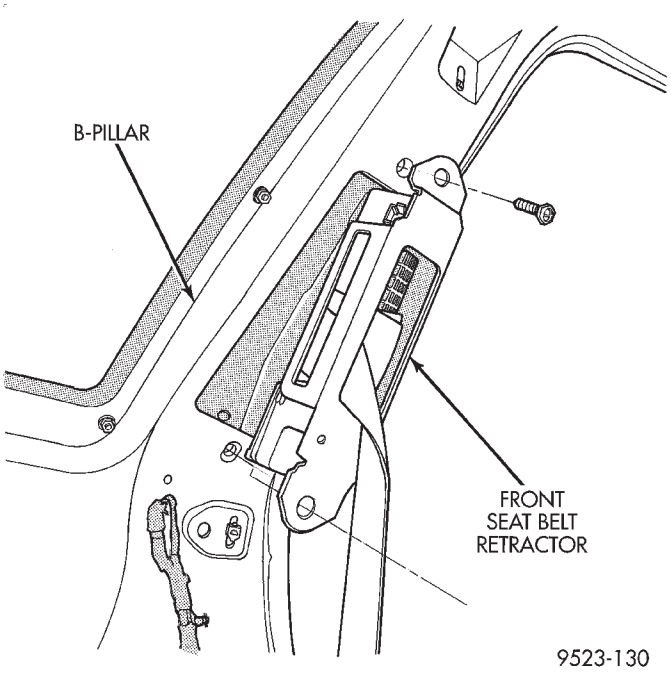


Fig. 64 Front Outboard Seat Belt Retractor

(2) Remove bolt holding seat belt retractor to B-pillar (Fig. 65).

(3) Separate seat belt retractor from vehicle.

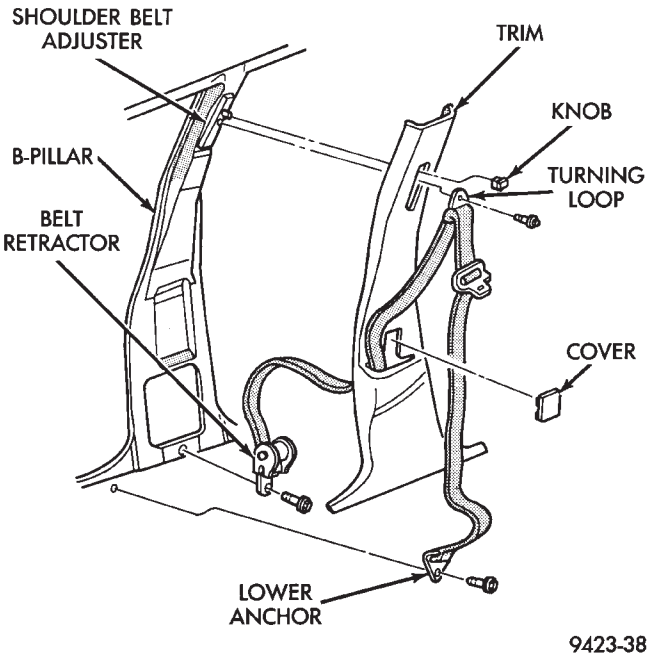


Fig. 65 Front Seat Belt Retractor

INSTALLATION

Reverse the preceding operation.

REMOVAL AND INSTALLATION (Continued)

FRONT SHOULDER BELT ADJUSTER

REMOVAL

(1) Remove B-pillar trim.

(2) Remove bolt holding shoulder belt adjuster to B-pillar (Fig. 66).

(3) Separate shoulder belt adjuster from vehicle.

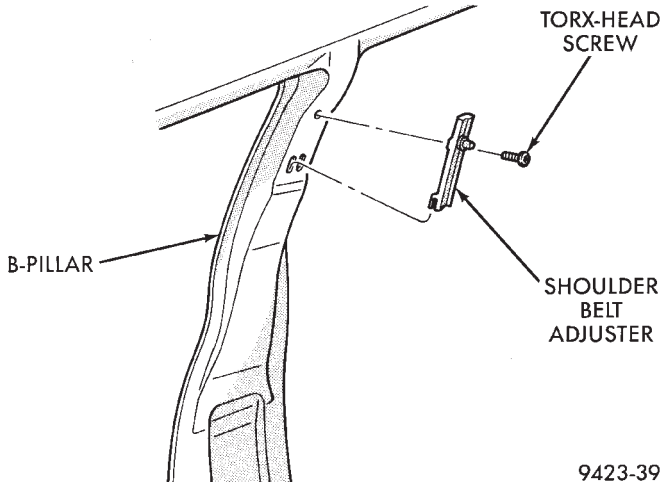


Fig. 66 Front Shoulder Belt Adjuster

INSTALLATION

Reverse the preceding operation.

REAR SEAT BELT BUCKLE

REMOVAL

(1) Remove rear seat cushion.

(2) Remove rear seat back.

(3) Separate rear seat belt buckle from vehicle.

INSTALLATION

Reverse the preceding operation.

REAR SEAT BELT RETRACTOR

REMOVAL

(1) Remove rear seat cushion and back.

(2) Remove seat belt bezel from parcel shelf cover.

(3) Remove rear seat closure panel silencer pad as necessary to gain access to retractor.

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

(5) Remove bolt holding retractor to rear seat closure panel (Fig. 67).

(6) Push seat belt bezel and buckle stab through access hole in parcel shelf.

(7) From in luggage compartment, separate rear seat belt retractor from vehicle.

INSTALLATION

Reverse the preceding operation.

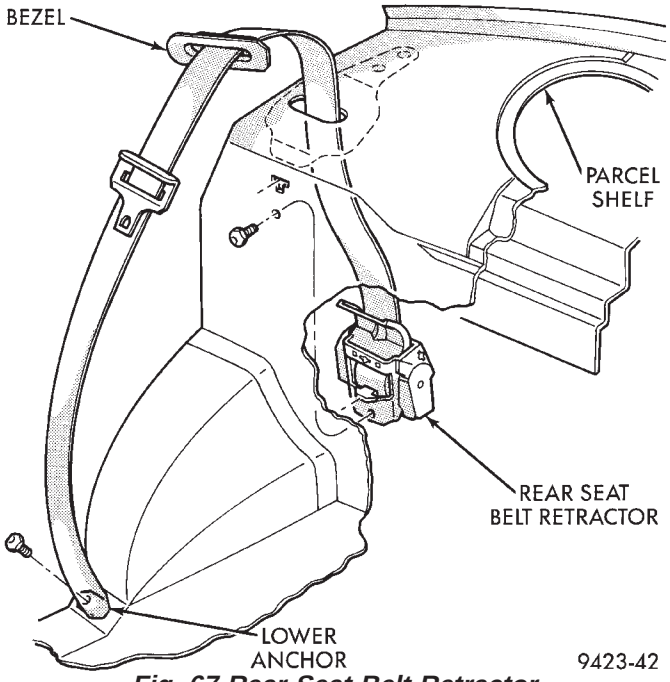


Fig. 67 Rear Seat Belt Retractor

CARPET

REMOVAL

(1) Remove front seats.

(2) Remove rear seat cushion.

(3) Remove bolts holding front seat belt lower anchors to floor (Fig. 68).

(4) Remove door sill trim covers.

(5) Remove cowl trim covers.

(6) Remove center floor console.

(7) Remove trunk release assist handle.

(8) Remove lower fasteners from B–pillar trim panel.

(9) Pull carpet from behind trim panel.

(10) Fold carpet in half toward rear seat.

(11) Remove carpet through rear door opening.

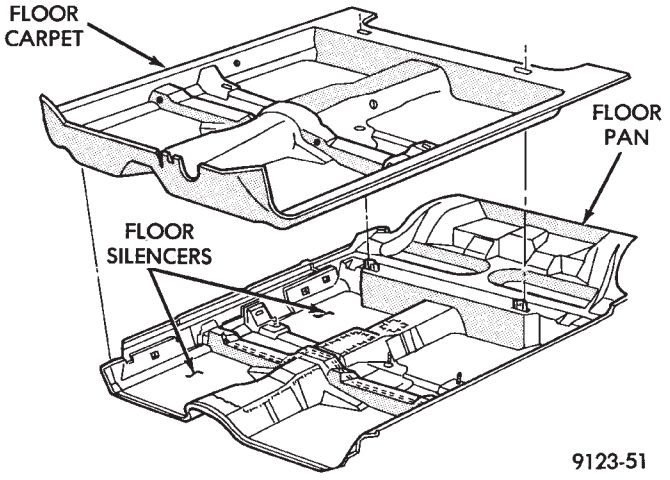


Fig. 68 Carpet

REMOVAL AND INSTALLATION (Continued)

INSTALLATION

(1) Install carpet through rear door opening.
(2) Unfold carpet.
(3) Tuck carpet behind trim panel.
(4) Install lower fasteners holding B–pillar trim panel.
(5) Install trunk release assist handle.
(6) Install center floor console.
(7) Install cowl trim covers.
(8) Install door sill trim covers.
(9) Install bolts holding front seat belt lower anchors to floor.
(10) Install rear seat cushion.
(11) Install front seats.

HEADLINING

REMOVAL

(1) Remove screws holding sun visors to roof header panel.
(2) Disengage wire connector from lighted vanity mirror, if so equipped.
(3) Separate sun visors from vehicle.
(4) Remove A-pillar trim covers.
(5) Remove B-pillar trim panels, if vehicle is a 4 door.
(6) Remove (upper) quarter panel trim panels.
(7) Remove assist handles, if so equipped.
(8) Remove sun visor hooks.
(9) Remove coat hooks, if vehicle is a 4 door.
(10) If vehicle is equipped with a sunroof;
(a) Open sunroof.
(b) Remove trim welt around sunroof opening (Fig. 69).
(c) Remove sunroof switch pod.
(d) Disconnect sunroof switch pod wire connectors.
(e) Remove screw holding switch pod retainer to roof.
(11) Remove push–in fastener at rear of headlining.
(12) Disengage dome lamp wire connector, at rear of headlining.
(13) Remove push–in fastener holding wiring to C–pillar.
(14) Remove headlining through door opening (Fig. 70).

INSTALLATION

(1) Position headlining in vehicle.
(2) Install sun visor hooks.
(3) Install coat hooks, if vehicle is a 4 door.
(4) Install push–in fastener at rear of headlining.
(5) Install assist handles, if so equipped.
(6) Install push–in fastener holding headliner wiring to C–pillar.

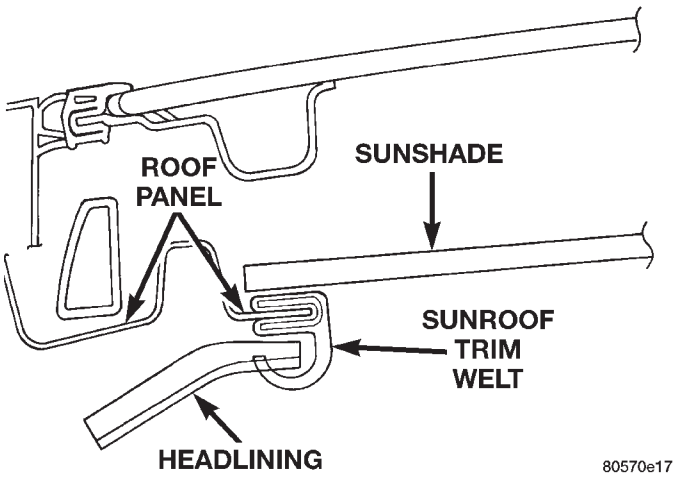


Fig. 69 Sunroof Opening Trim Welt

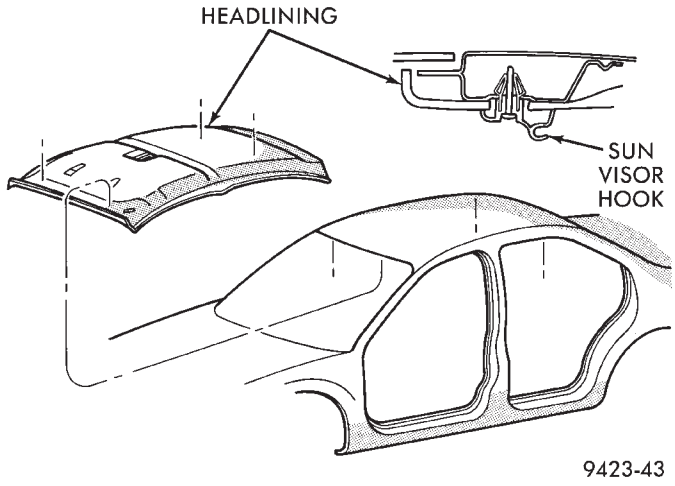


Fig. 70 Headlining

(7) Engage dome lamp wire connector, at rear of headlining.
(8) If vehicle is equipped with a sunroof;
(a) Install screw holding switch pod retainer to roof.
(b) Connect sunroof switch pod wire connectors.
(c) Install sunroof switch pod.
(d) Install trim welt around sunroof opening (Fig. 69).
(e) Close sunroof.
(9) Install (upper) quarter panel trim panel.
(10) Install B-pillar trim panels, if vehicle is a 4 door.
(11) Install A-pillar trim covers.
(12) Install sun visors, lighted vanity mirror wire connector, if so equipped, and screws holding sun visors to roof header panel.

REMOVAL AND INSTALLATION (Continued)

BODY VENT

REMOVAL

(1) Hoist rear end of vehicle and support on safety stands.

(2) From behind rear bumper fascia below quarter panel, disengage clips holding body vent to trunk well.

(3) Separate body vent from vehicle (Fig. 71).

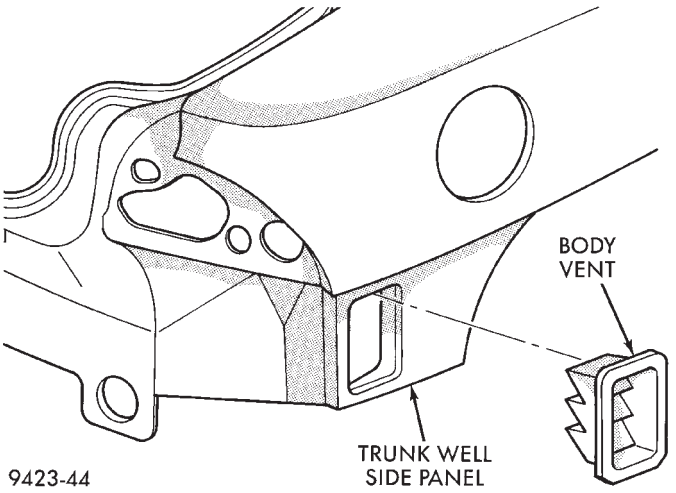


Fig. 71 Body Vent

INSTALLATION

Reverse the preceding operation.

TRUNK LID

REMOVAL

(1) Release trunk latch and open trunk lid.

(2) Mark bolt locations on inside of trunk lid to aid installation.

(3) Disengage clips holding wire harness and trunk lid release cable to trunk lid.

(4) Disengage wire connector and release cable from trunk latch.

(5) Remove bolts holding top of hinge to trunk lid (Fig. 72).

(6) With aid from a helper, remove bolts holding bottom of hinge to trunk lid.

(7) Separate trunk lid from vehicle.

INSTALLATION

(1) Place trunk lid in position on vehicle.

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

(3) Install bolts to hold top of hinge to trunk lid.

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

(5) Verify trunk lid operation and sealing.

(6) Connect wire connector and release cable on latch.

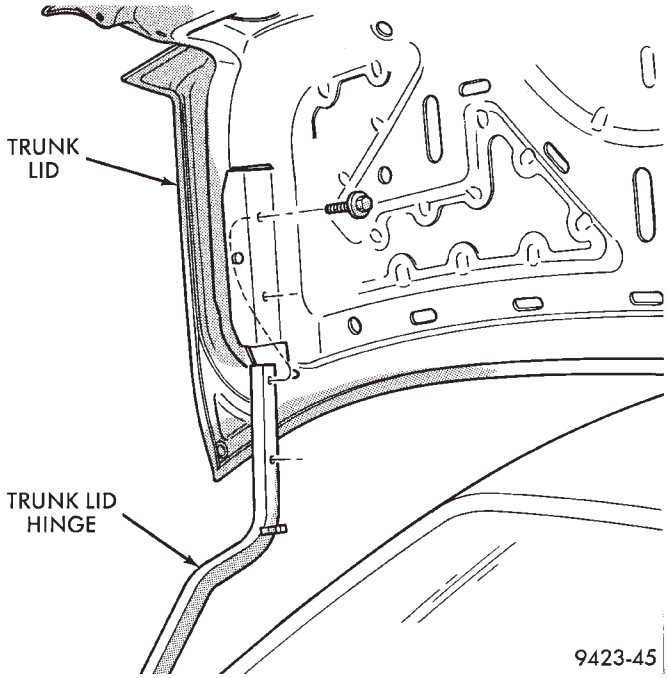


Fig. 72 Trunk Lid

(7) Install clips to hold wire harness and cable to trunk lid.

TRUNK LID LIFT SPRINGS

REMOVAL

WARNING: USE EYE AND HAND PROTECTION WHEN REMOVING SPRINGS, PERSONAL CAN RESULT.

(1) Release trunk and open trunk lid.

(2) Support trunk lid on a suitable prop device.

(3) Pull split cover from lift spring (Fig. 73).

(4) Using a common plier, disengage spring from adjustment slot under trunk opening side trough.

(5) Disengage spring from trunk lid hinge.

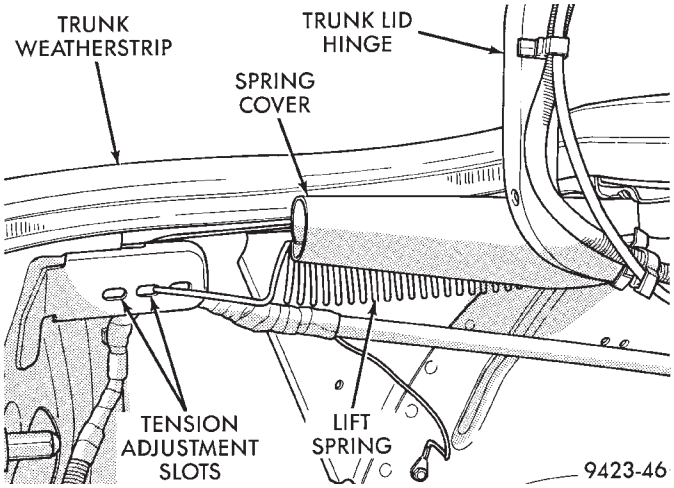


Fig. 73 Trunk Lid Lift Springs

REMOVAL AND INSTALLATION (Continued)

INSTALLATION

Reverse the preceding operation.

TRUNK WEATHERSTRIP

REMOVAL

(1) Release trunk lid latch and open trunk lid.

(2) Pull trunk lid weatherstrip form trunk opening fence (Fig. 74).

(3) Separate weatherstrip from vehicle.

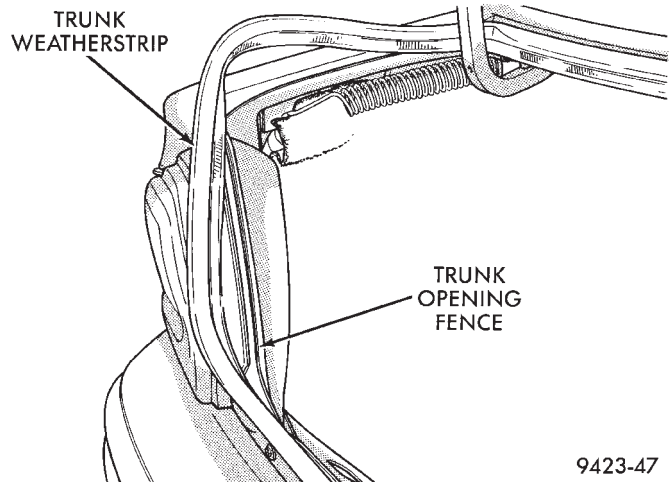


Fig. 74 Trunk Weatherstrip

INSTALLATION

Reverse the preceding operation.

TRUNK LATCH STRIKER

REMOVAL

(1) Release trunk lid latch and open trunk lid.

(2) Remove push-in fasteners holding trunk lining to tail panel.

(3) Separate trunk lining from tail panel.

(4) Remove bolts holding trunk latch striker to tail panel (Fig. 75).

(5) Separate striker from vehicle.

INSTALLATION

Reverse the preceding operation.

TRUNK LATCH

REMOVAL

(1) Release trunk lid latch and open trunk lid.

(2) Remove bolts holding trunk latch to trunk lid (Fig. 76).

(3) Separate trunk latch from trunk lid.

(4) Disconnect remote trunk latch release cable form trunk latch.

(5) Disengage trunk ajar switch connector from latch.

(6) Separate latch from vehicle.

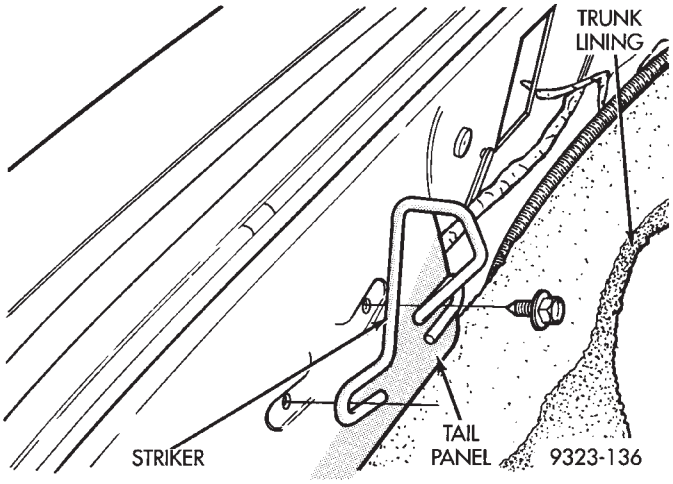


Fig. 75 Trunk Latch Striker

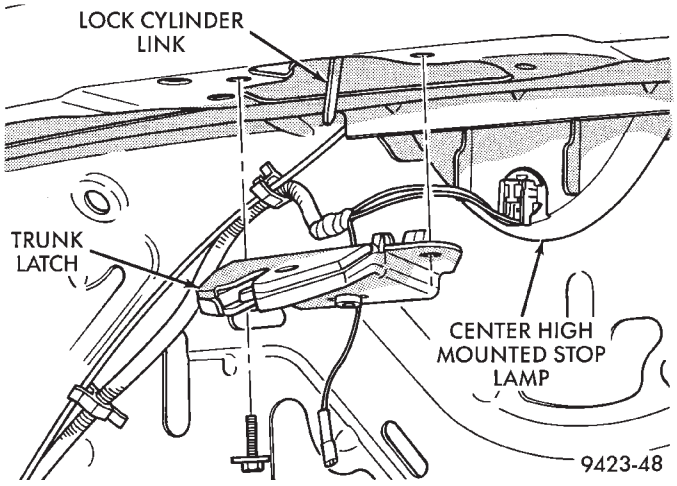


Fig. 76 Trunk Latch

INSTALLATION

(1) Position latch in vehicle and engage trunk ajar switch connector to latch.

(2) Connect remote trunk latch release cable to trunk latch.

(3) Install bolts holding trunk latch to trunk lid.

TRUNK LOCK CYLINDER

REMOVAL

(1) Remove trunk latch.

(2) Remove clip holding trunk lock cylinder to trunk lid.

(3) Pull lock cylinder from trunk lid (Fig. 77).

INSTALLATION

Reverse the preceding operation.

REMOVAL AND INSTALLATION (Continued)

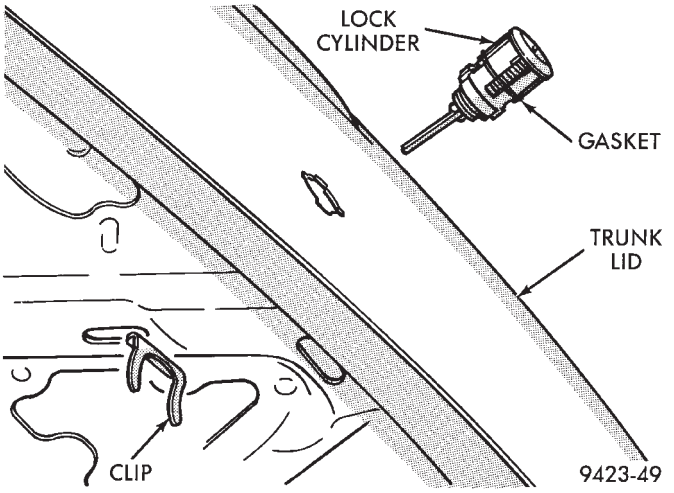


Fig. 77 Trunk Lock Cylinder

TRUNK CARPET

REMOVAL

(1) Remove push in fasteners holding carpet to shelf panel. Fasteners are accessed from inside the vehicle (Fig. 78).

(2) Pull out leading flaps of the carpet through the opening from the shelf panel.

(3) Pull carpet from under the springs.

(4) Remove trunk carpet from vehicle.

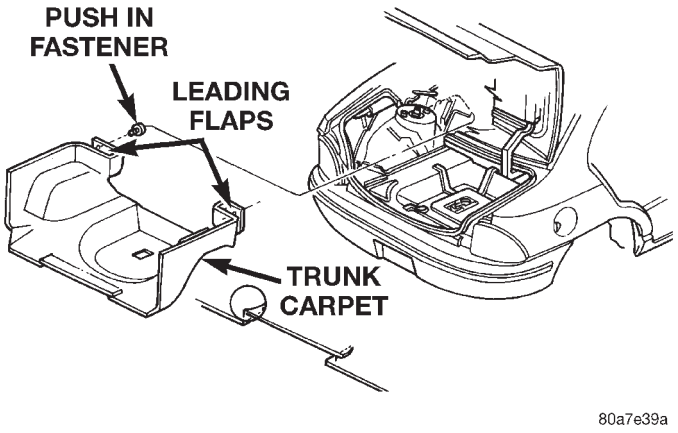


Fig. 78 Trunk Carpet

INSTALLATION

(1) Place carpet in truck and smooth out.

(2) Tuck both sides of the carpet ends under springs.

(3) Position the leading flaps of the carpet through the opening onto the shelf panel.

(4) Install push in fasteners to secure the carpet to shelf panel (install fasteners from inside the vehicle).

(5) Overlap the slits in the back of the carpet so the center section lays over the outer sections.

TRUNK TRIM PANEL

Removal

(1) Remove fasteners holding trunk trim panel to vehicle (Fig. 79).

(2) Remove trunk trim panel from vehicle.

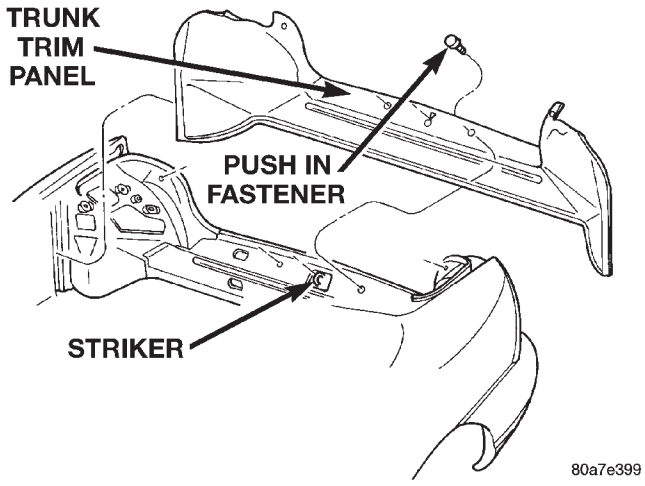


Fig. 79 Trunk Trim Panel

Installation

(1) Position panel to deck lid over the stricker.

(2) Install push in fasteners.

(3) Position and tuck the upper flange into existing trim panel on both sides.

(4) Push the corners in place under seal.

(5) Seat the lower edges of the carpet and smooth out.

REAR SPOILER

REMOVAL

(1) Release trunk latch and open trunk lid.

(2) Remove nuts holding spoiler to trunk lid.

(3) Separate spoiler from trunk lid (Fig. 80).

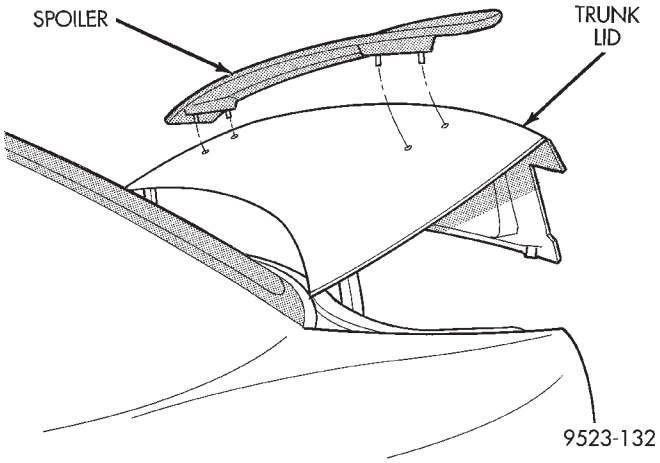


Fig. 80 Rear Spoiler

REMOVAL AND INSTALLATION (Continued)

INSTALLATION

Apply water sealing putty around spoiler mounting studs and reverse the preceding operation.

ROOF APERTURE (RAP) MOLDING

The RAP molding is set in urethane adhesive. The RAP molding is difficult to salvage during removal. Verify part availability before proceeding with removal procedure. The temperature in the work area and the vehicle should be at least 21°C (70°F) to avoid damaging the rear window and windshield moldings. Apply masking tape to surrounding area of the RAP molding to protect the finish.

REMOVAL

(1) Using a trim stick, gently lift rear window molding upward to gain access to end of RAP molding.

(2) Using a sharp hook tool, pierce the rear end of the molding.

(3) Lift the rear of the RAP molding upward until it clears the rear window molding.

(4) Using a common plier, pull the RAP molding forward to separate molding from urethane bonding.

(5) Separate RAP molding from vehicle.

INSTALLATION

(1) Using a sharpened trim stick, scrape urethane bonding material from the roof seam trough.

(2) Using touch-up paint, repair scratches in roof seam trough to prevent corrosion.

(3) Inspect the bottom of the roof seam trough for gaps in caulking. Repair gaps with suitable seam sealer following manufacturers instructions.

(4) Apply black-out primer to bottom of roof seam trough. Allow at lease three minutes before bonding is applied.

(5) Install RAP molding into the roof seam trough and position molding so both ends are covered by the glass moldings. If the molding will not lay flat on the bottom of the trough, trim the ends of the molding until proper fit achieved.

(6) Using a suitable marking pencil, mark an index line across the RAP molding and the adjacent surfaces.

(7) Remove the RAP molding from the roof seam trough.

(8) Apply a 5 mm (0.2 in.) bead of urethane adhesive on the bottom/center of the trough along the entire length.

(9) Place RAP molding in position in roof seam trough (Fig. 81).

(10) Insert both ends of RAP molding under glass moldings.

(11) Align index marks across trough and molding.

(12) Gently press RAP molding into urethane adhesive until molding lays smooth and flat.

(13) Remove protective tape from around the RAP molding.

(14) Clean excess urethane from exterior with Mopar, Super Clean or equivalent.

(15) Apply a length of 50 mm (2 in.) masking tape over the RAP molding to retain the molding until the urethane adhesive is cured. Curing time for most urethane adhesive is at least 24 hours.

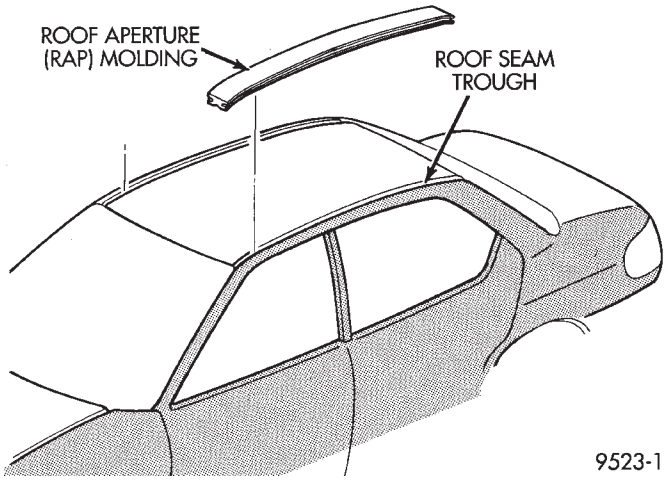


Fig. 81 RAP Molding

ROOF RACK

The roof rack insulator gasket is bonded to the base of the side rail. If the gasket comes loose during servicing, secure the gasket to the side rail with Mopar, Bond-all Gel Adhesive or equivalent.

REMOVAL

(1) Remove screws holding roof rack side rails to the roof panel (Fig. 82).

(2) Separate roof rack from vehicle.

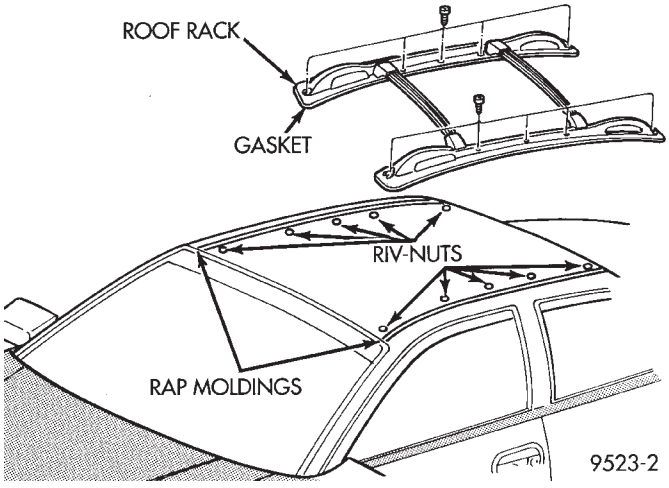


Fig. 82 Roof Rack

INSTALLATION

Reverse the preceding operation.

REMOVAL AND INSTALLATION (Continued)

ROOF RACK CROSS RAILS

The roof rack side rail do not have to be removed to replace the cross rails.

REMOVAL

(1) Remove screws holding cross rail to the side rails.

(2) Separate the cross rail from the roof rack.

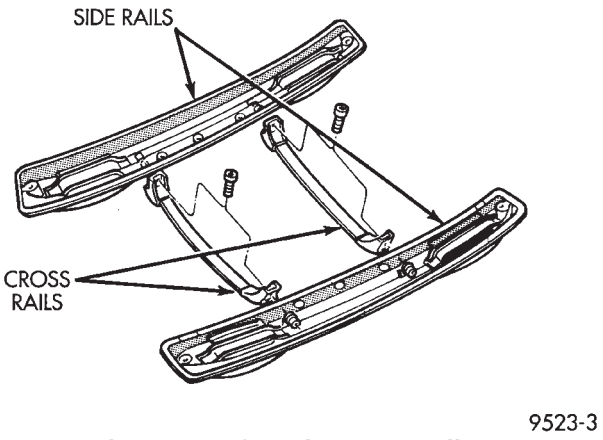


Fig. 83 Roof Rack Cross Rails

INSTALLATION

Reverse the preceding operation.

ADJUSTMENTS

FRONT DOOR GLASS ADJUSTMENT

UP-STOP ADJUSTMENTS

(1) Remove door trim panel.

(2) Remove water shield as necessary to gain access to adjuster.

(3) Loosen up-stop nut.

(4) Close door and raise door glass.

(5) Adjust up-stop to achieve proper glass height.

(6) Adjust glass so that a piece of paper can be pulled between the glass and weatherstrip with some tension.

NOTE: The top edge of the door glass should be beneath the lip of the weatherstrip

(7) Tighten fasteners.

TOP OF GLASS—INBOARD/OUTBOARD ADJUSTMENTS

(1) Remove door trim panel.

(2) Remove water shield as necessary to gain access to adjusters.

(3) Using a Snap-on® flare-nut socket (FRXM10), loosen the lower jack-screw jamb-nuts.

(4) Close door and raise glass.

(5) Using a suitable allen-wrench, rotate jack-screws to achieve proper in/out positioning at the top edge of the glass.

(6) Adjust glass so that a piece of paper can be pulled between the glass and weatherstrip with some tension.

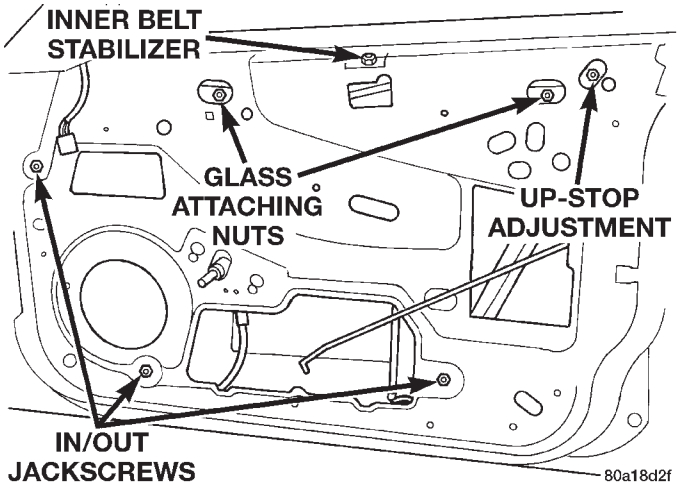


Fig. 84 Glass Adjustment—4 Door

(7) Tighten all fasteners.

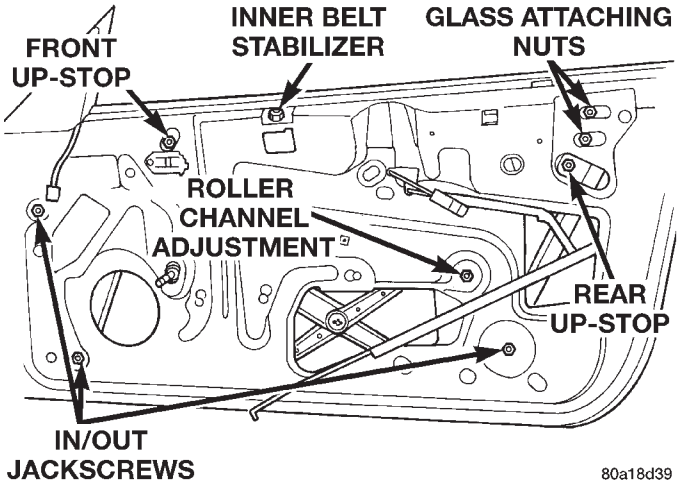


Fig. 85 Glass Adjustment—2 Door

GLASS—FRONT/REAR ADJUSTMENT

(1) Remove door trim panel and water shield.

(2) Lower door glass to bottom of travel to gain access to glass attachments. (Fig. 86)

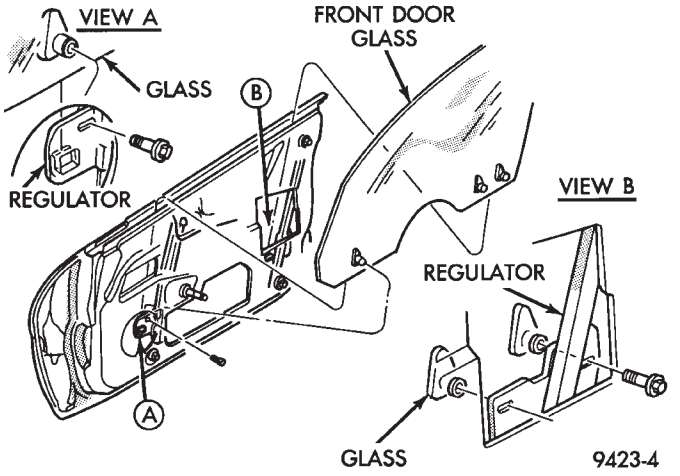


Fig. 86 Front door glass

ADJUSTMENTS (Continued)

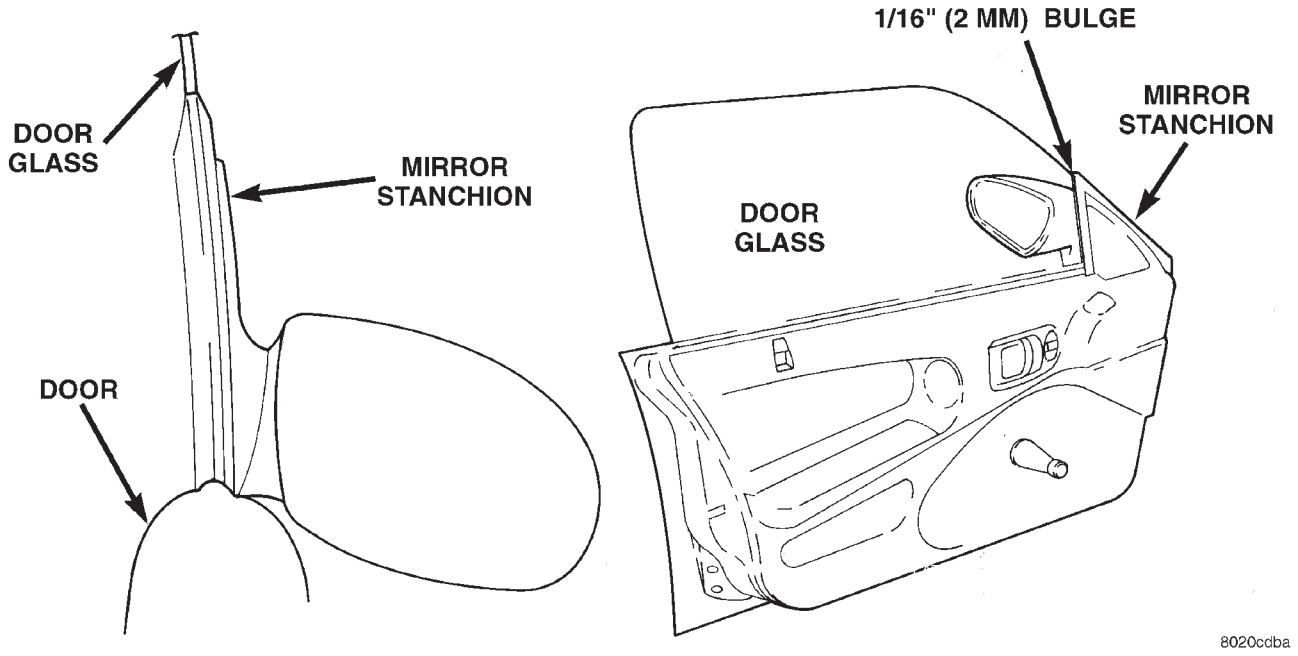


Fig. 87 Front/Rear Glass Position

(3) Loosen three glass attachment bolts.

(4) Raise glass to top of travel and adjust glass to fit the B-pillar seal. Glass to B-pillar applique gap should be approximately 13mm (1/2 inch).

(5) Tighten the two accessible glass fasteners in the full up position.

(6) Lower door glass to the full down position and tighten the remaining glass fastener.

(7) Raise glass to top of travel and verify positioning. (Fig. 87)

FRONT DOOR LATCH ADJUSTMENT

(1) Insert a hex-wrench through the elongated hole in the door end frame near the latch striker opening (Fig. 88).

(2) Loosen socket head screw on the side of the latch linkage.

(3) Lift upward on outside door handle and release it.

(4) Tighten socket head screw on latch.

(5) Verify latch operation.

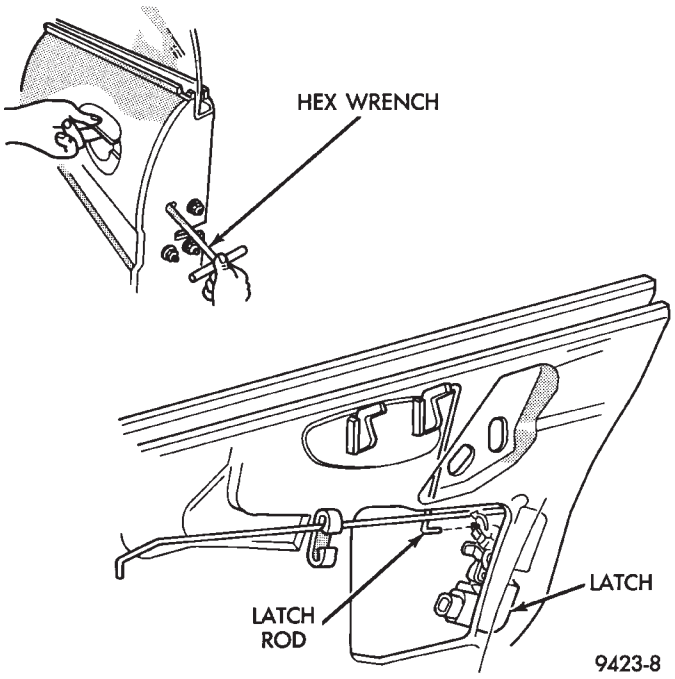


Fig. 88 Door Latch Adjustment

REAR DOOR GLASS ADJUSTMENT

UP-STOP ADJUSTMENTS

(1) Remove door trim panel.

(2) Remove water shield as necessary to gain access to adjusters.

(3) Using a Snap-on® flare-nut socket (FRXM10), loosen up- stop eccentric jamb-nut (Fig. 89).

(4) Using a suitable hex-wrench, rotate up-stop eccentric to achieve proper glass height.

(5) Adjust glass so that a piece of paper can be pulled between the glass and weatherstrip with some tension.

TOP OF GLASS—INBOARD/OUTBOARD ADJUSTMENTS

(1) Remove door trim panel.

(2) Remove water shield as necessary to gain access to adjusters.

ADJUSTMENTS (Continued)

(3) Using a Snap-on® flare-nut socket (FRXM10), loosen the lower jack-screw jamb-nuts (Fig. 89).

(4) Using a suitable hex-wrench, rotate jack-screws to achieve proper tension at the top of the glass.

(5) Adjust glass so that a piece of paper can be pulled between the glass and weatherstrip with some tension.

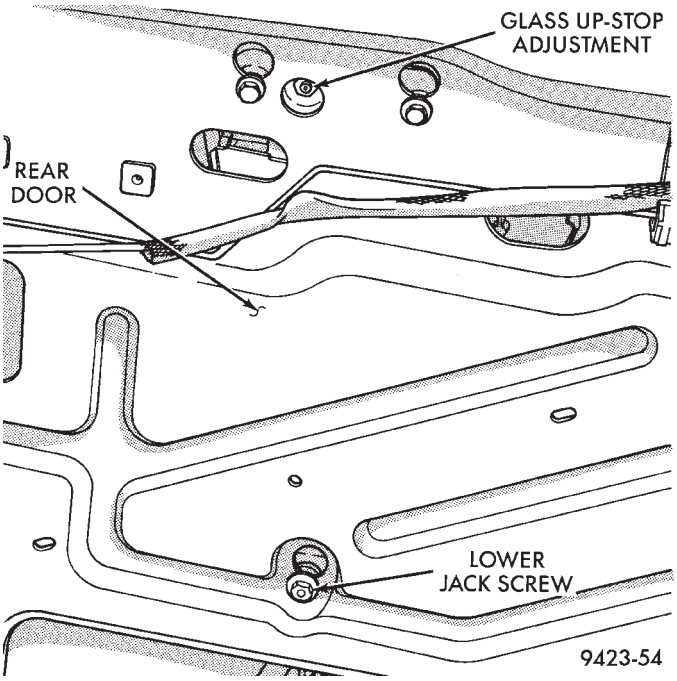


Fig. 89 Rear Door Glass Adjustment—Typical

REAR DOOR LATCH ADJUSTMENT

(1) Insert a hex-wrench through the elongated hole in the door end frame near the latch striker opening (Fig. 90).

(2) Loosen socket head screw on the side of the latch linkage.

(3) Lift upward on outside door handle and release it.

(4) Tighten socket head screw on latch.

(5) Verify latch operation.

SPECIFICATIONS

BODY LUBRICATION SPECIFICATIONS

LUBRICATION REQUIREMENTS

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

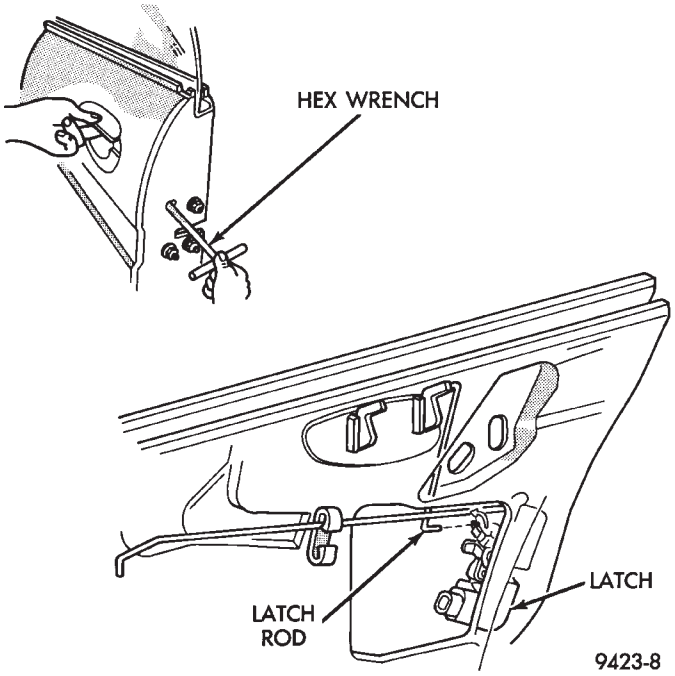


Fig. 90 Door Latch Adjustment

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

LUBRICANT APPLICATION

DOOR LOCK CYLINDERS

(1) Apply a small amount of lubricant directly into the lock cylinder.

(2) Apply a small amount of lubricant to the key.

(3) Insert key into lock cylinder and cycle the mechanism from the locked to the unlocked position.

NOTE: Do not add more lubricant.

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

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

ALL OTHER BODY MECHANISMS

(1) Clean component as described above.

(2) Apply specified lubricant to all pivoting and sliding contact areas of component.

SPECIFICATIONS (Continued)

LUBRICANT USAGE

ENGINE OIL

- Door Hinges—Hinge Pin and Pivot Contact Areas
- Hood Hinges—Pivot Points
- Liftgate Hinges
- Trunk Lid Hinges

MOPAR® SPRAY WHITE LUBE OR EQUIVALENT

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

MOPAR® MULTI–PURPOSE GREASE OR EQUIVALENT

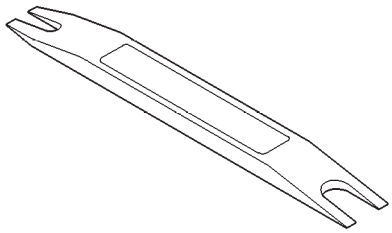
- All Other Hood Mechanisms

MOPAR® LOCK CYLINDER LUBRICANT OR EQUIVALENT

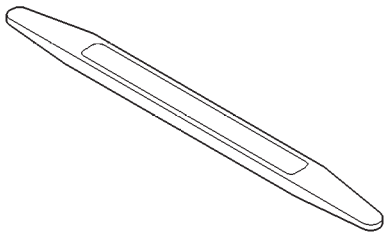
- Door Lock Cylinders
- Trunk Lock Cylinder

SPECIAL TOOLS

BODY



REMOVER, MOLDINGS C 4829



STICK, TRIM C4755