

2009 ACCESSORIES AND EQUIPMENT**Body - Journey****DESCRIPTION****VEHICLE IDENTIFICATION**

Throughout this part, references to the Chrysler Corporation vehicle family identification code are used when describing a procedure that is unique to that vehicle. Refer to **Vehicle Data/Vehicle Information/Vehicle Identification Number - Description** . If a procedure is common to all vehicles covered in this article, no reference will be made to a vehicle family code.

WARNING**WARNINGS****WARNINGS**

Disconnect the battery negative cable when servicing electrical components that are live when the ignition is OFF.

Wait two minutes for the airbag system reserve capacitor to discharge before beginning any airbag system or component service. Failure to do so may result in accidental airbag deployment, or potentially serious or fatal injury.

Use an OSHA approved breathing filter when spraying paint or solvents in a confined area. Serious or fatal injury can result.

Avoid prolonged skin contact with petroleum or alcohol-based cleaning solvents. Serious or fatal injury can result.

Do not stand under a hoisted vehicle that is not properly supported on safety stands. Serious or fatal injury can result.

Do not weld exterior panels unless combustible material on the interior of vehicle is removed from the repair area. Serious or fatal injury can result.

SAFETY PRECAUTIONS

Disconnect the battery negative cable from servicing electrical components that are live when the ignition is OFF.

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.

Do not weld exterior panels unless combustible material on the interior of vehicle is removed from the

repair area.

Always have a fire extinguisher ready for use when welding.

Do not use harsh alkaline-based cleaning solvents on painted or upholstered surfaces.

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 part for proper procedures.

WATER LEAK TESTS

WARNING: Do not use electric shop lights or tools in water test area. Serious or fatal 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 **Vehicle Quick Reference/Hoisting - Standard Procedure** .

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.

WIND NOISE

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

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 part 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.

STANDARD PROCEDURE

BODY LUBRICATION

Lubrication Requirements

Locks and all body pivot points, including such items as seat tracks, door hinge pivot points and rollers , liftgate, tailgate, sliding doors and hood hinges, should be lubricated periodically with a lithium based grease such as Mopar ® Spray White Lube to ensure quiet, easy operation and to protect against rust and wear. Prior to the application of any lubricant, wipe the parts clean, to remove dust and grit. After lubricating, excess oil and grease should be removed. Particular attention should also be given to hood latching components to make sure they function properly. When performing other underhood services, clean and lubricate the hood latch release mechanism and safety catch.

The external lock cylinders should be lubricated twice a year, preferably in the fall and spring. Apply a small amount of a high quality lubricant such as Mopar ® Lock Cylinder Lubricant directly into the lock cylinder.

Lubricant Application

Door Lock Cylinders

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

NOTE: Do not add more lubricant.

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

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

All Other Body Mechanisms

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

Lubricant Usage**Engine Oil**

- door hinges - hinge pin and pivot contact areas
- hood hinges - pivot points
- liftgate hinges

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
- liftgate latch

Mopar ® Multipurpose Grease or Equivalent

- all other hood mechanisms

Mopar ® Lock Cylinder Lubricant or Equivalent

- door lock cylinders
- liftgate lock cylinder

BUZZ, SQUEAKS AND RATTLES

Buzz, Squeaks and Rattles (BSR's) may be caused by any one or more of the following and may be corrected as indicated:

- Loose fasteners should be tightened to specifications.
- Damaged or missing clips should be replaced.
- Damaged trim panels should be replaced.

- Incorrectly installed trim panels should be reinstalled properly.

Many BSR complaints such as loose trim, can be serviced using various tapes or lubricants. Tapes including foam, flock and anti-squeak, can be used to eliminate noises caused by metal, plastic and vinyl components. Long life lubricants and greases can also be used on a variety of components. Refer to the **BUZZ, SQUEAKS AND RATTLES** table for materials and usage.

BUZZ, SQUEAKS AND RATTLES

ITEM	FEATURES	APPLICATIONS	SERVICE TEMP
ITCH AND SQUEAK TAPE	An abrasion resistant material thin enough to conform to most irregular surfaces. Stops most itches and squeaks.	Between metal and metal, metal and plastic, metal and vinyl, vinyl and plastic. Interior. Examples: Trim panels and bezels.	-40° to 107° C (-40° to 225° F)
BLACK NYLON FLOCK	Nylon Flock with an aggressive acrylic adhesive. Provides for cushioning and compression fit, also isolates components. Water-resistant.	Between metal and metal, metal and plastic, vinyl and plastic. Examples: Pull cups, bezels, clips, ducts, top cover to glass, cowl panel.	-40° to 82° C (-40° to 180° F)
HIGH DENSITY URETHANE FOAM	Tear resistant, highly resilient and durable.	Between metal and metal, metal and plastic. Water-resistant. Examples: I/P, heavy metal rattles, isolating brackets.	-40° to 82° C (-40° to 180° F)
OPEN CELL FOAM TAPE	Soft foam conforms to irregular surfaces.	Wire harness and connector wrap. Examples: Seals, gasket, wiring, heat ducts.	-40° to 82° C (-40° to 180° F)
CLOSED CELL LOW DENSITY FOAM TAPE	Soft, conformable. Water-resistant.	Wherever bulk is needed. Prevents closing flutters and rattles when applied to door watershield. Examples: Door, I/P.	-40° to 82° C (-40° to 180° F)
NYE® GREASE 880	Long life.	Suspensions. Examples: Strut bushings, sway bars.	-40° to 200° C (-40° to 390° F)
KRYTOX® OIL	Long life. Will not dry out or harm plastics or rubber.	When access is not possible, oil will migrate to condition. Vinyl, rubber, plastic, metal. Examples: Convertible top bushings, pull cups trim panel inserts.	-34° to 205° C (-30° to 400° F)
KRYTOX® GREASE	Long life. Will not dry out or harm plastics or rubber.	Vinyl, rubber, plastic, metal, glass.	-34° to 205° C (-30° to 400° F)

	Examples: Weatherstrips, backlight and windshield moldings.	
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PLASTIC BODY PANEL REPAIR

There are many different types of plastics used in today's automotive environment. We group plastics in three different categories: Rigid, Semi-Rigid, and Flexible. Any of these plastics may require the use of an adhesion promoter for repair. These types of plastic are used extensively on Chrysler Motors vehicles. Always follow repair material manufacturer's plastic identification and repair procedures.

Rigid Plastics:

Examples of rigid plastic use: Fascias, Hoods, Doors, and other Body Panels, which include SMC, ABS, and Polycarbonates.

Semi-Rigid Plastics:

Examples of semi-rigid plastic use: Interior Panels, Under Hood Panels, and other Body Trim Panels.

Flexible Plastics:

Examples of flexible plastic use: Fascias, Body Moldings, and upper and lower Fascia Covers.

Repair Procedure:

The repair procedure for all three categories of plastics is basically the same. The one difference is the material used for the repair. The materials must be specific for each substrate, rigid repair material for rigid plastic repair, semi-rigid repair material for semi-rigid plastic repair and flexible repair material for flexible plastic repair.

Adhesion Promoter/Surface Modifier:

Adhesion Promoters/Surface Modifiers are required for certain plastics. All three categories may have plastics that require the use of adhesion promoter/surface modifiers. Always follow repair material manufacturer's plastic identification and repair procedures.

SAFETY PRECAUTION AND WARNINGS

WARNING:

- Eye protection should be used when servicing components. Personal injury can result.
- Use an OSHA approved breathing mask when mixing epoxy, grinding, and spraying paint or solvents in a confined area. Personal injury can result.
- Avoid prolonged skin contact with resin, petroleum, or alcohol based solvents. Personal injury can result.

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- Do not venture under a hoisted vehicle that is not properly supported on safety stands. Personal injury can result.

NOTE:

- When holes must be drilled or cut in body panels, verify locations of internal body components and electrical wiring. Damage to vehicle can result.
- Do not use abrasive chemicals or compounds on undamaged painted surfaces around repair areas. Damage to finish can result.

RIGID, SEMI-RIGID, AND FLEXIBLE PLASTIC PARTS TYPES

CODE	FAMILY NAME	COMMON TRADE NAME	TYPICAL APPLICATION
ASA	Acrylonitrile Styrene Acrylite	Lurans	Consoles, Grilles
ABS	Acrylonitrile Butadiene Styrene	Terluran	"A" Pillars, Consoles, Grilles
ABS/PC	ABS/PC Alloy	Pulse, Proloy, Bayblend	Doors, Instrument Panels
ABS/PVC	ABS/PV Alloy	Proloy, Pulse, Lustran, Cyclovin	Door Panels, Grilles, Trim
BMC	Bulk Molding Compound	BMC	Fender Extensions
EMA	Ehtylene Methyl Acrylate/Ionomer	Surlyn, EMA, Ionomer	Bumper Guards, Pads
METTON	Metton	Metton	Grilles, Kick Panels, Running Boards
MPPO	Modified Polyphenylene Oxide	MPPO	Spoiler Assembly
PA	Polyamid	Zytel, Vydyne, PA, Minlon	Fenders, Quarter Panels
PET	Thermoplastic Polyester	Rynite	Trim
PBT/PPO	PBT/PPO Alloy	Germax	Claddings
PBTP	Polybutylene Therephthalate	PBT, PBTP, Pocan, Valox	Wheel Covers, Fenders, Grilles
PBTP/EEBC	Polybutylene Therephthalate/EEBC Alloy	Bexloy, "M", PBTP/EEBC	Fascias, Rocker Panel, Moldings
PC	Polycarbonate	Lexan, Merlon, Calibre, Makrolon PC	Tail Light Lenses, I/P Trim, Valance Panels
PC/ABS	PC/ABS Alloy	Germax, Bay Blends, Pulse	Doors, Instrument Panels
PPO	Polyphenylene Oxide	Azdel, Hostalen, Marlex, Prfax, Noryl, GTX, PPO	Interior Trim, Door Panels, Splash Shields, Steering Column Shroud
PPO/PA	Polyphenylene/Polyamid	PPO/PA, GTX 910	Fenders, Quarter Panels
PR/FV	Fiberglass Reinforced Plastic	Fiberglass, FV, PR/FV	Body Panels
PS	Polystyrene	Lustrex, Styron, PS	Door Panels, Dash Panels

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RTM	Resin Transfer Molding Compound	RTM	Body Panels
SMC	Sheet Molded Compound	SMC	Body Panels
TMC	Transfer Molding Compound	TMC	Grilles
UP	Unsaturated Polyester (Thermosetting)	SMC, BMC, TMC, ZMC, IMC, XSMC, UP	Grille Opening Panel, Liftgates, Flareside Fenders, Fender Extensions
EEBC	Ether/Ester Blocked Co-Polymer	EEBC	Bumpers
EEBC/PBTP	EEBC/Polybutylene Terephthalate	EEBC, PBTP, BEXLOY	Bumper, Rocker Panels
EMPP	Ethylene Modified Polypropylene	EMPP	Bumper Covers
EPDM	Ethylene/Propylene Diene Monomer	EPDM, Nordel, Vistalon	Bumpers
EPM	Ethylene/Propylene Co-Polymer	EPM	Fenders
MPU	Foam Polyurethane	MPU	Spoilers
PE	Polyethylene	Alathon, Dylan, Lupolen, Marlex	-
PP	Polypropylene (Blends)	Noryl, Azdel, Marlox, Dylon, Pravex	Inner Fender, Spoilers, Kick Panels, A-Pillars, Door Panels, B-Pillars, Quarter Panels, Sport Bar Trim, Liftgate Trim, Decklid Trim Scuff Plates, Kick Panels, Consoles
PP/EPDM	PP/EPDM Alloy	PP/EPDM	Spoilers, Grilles
PUR	Polyurethane	Colonels, PUR, PU	Fascias, Bumpers
PUR/PC	PUR/PC Alloy	Texin	Bumpers
PVC	Polyvinyl Chloride	Apex, Geon, Vinylite	Body Moldings, Wire Insulation, Steering Wheels
RIM	Reaction Injected Molded Polyurethane	RIM, Bayflex	Front Fascias, Modular Windows
RRIM	Reinforced Reaction Injected Molded	PUR, RRIM	Fascias, Body Panels, Body Trims
TPE	Thermo Polyethylene	TPE, Hytrel, Bexloy-V	Fascias, Bumpers, Claddings
TPO	Thermopolyolefin	Polytrope, Renflex, Santoprene, Visaflex, ETA, Apex, TPO, Shields, Claddings	Bumpers, End Caps, Telcar, Rubber, Strips, Sight, Interior B-Pillar
TPP	Thermo-Polypropylene	TPP	Bumpers
TPU	Thermopolyurethane,	TPU, Hytrel, Texin, Estane	Bumpers, Body Side,

Polyester

Moldings, Fenders, Fascias

PANEL SECTIONING

If it is required to section a large panel for a plastic repair, it will be necessary to reinforce the panel. To bond two plastic panels together, a reinforcement must overlap both panels. The panels must be "V'd" at a 20 degree angle. The area to be reinforced should be washed, then sanded. Be sure to wipe off any excess soap and water when finished. Lightly sand or abrade the plastic with an abrasive pad or sandpaper. Blow off any dust with compressed air or wipe with a clean dry rag.

When bonding plastic panels, Follow repair material manufacturers recommendations. Be sure that enough adhesive has been applied to allow squeeze out and to fill the full bond line. Once the pieces have been brought together, do not move them until the adhesive is cured. The assembly can be held together with clamps, rivets, etc. A faster cure can be obtained by heating with a heat lamp or heat gun. After the parts have been bonded and have had time to cure, rough sand the seam and apply the final adhesive filler to the area being repaired. Smooth the filler with a spreader, wooden tongue depressor, or squeegee. For fine texturing, a small amount of water can be applied to the filler surface while smoothing. The cured filler can be sanded as necessary and, as a final step, cleanup can be done with soapy water. Wipe the surface clean with a dry cloth allowing time for the panel to dry before moving on with the repair.

PANEL REINFORCEMENT

Structural repair procedures for rigid panels with large cracks and holes will require a reinforcement backing. Reinforcements can be made with several applications of glass cloth saturated with structural adhesive. Semi-rigid or flexible repair materials should be used for semi-rigid or flexible backing reinforcement. Open meshed fiberglass dry wall tape can be used to form a reinforcement. The dry wall tape allows the resin to penetrate through and make a good bond between the panel and the adhesive. Structurally, the more dry wall tape used, the stronger the repair.

Another kind of repair that can be done to repair large cracks and holes is to use a scrap piece of similar plastic and bond with structural adhesive. The reinforcement should cover the entire break and should have a generous amount of overlap on either side of the cracked or broken area.

When repairing plastic, the damaged area is first "V'd" out, or beveled. Large bonding areas are desirable when repairing plastic because small repairs are less likely to hold permanently. Beveling the area around a crack at a 20 degree angle will increase the bonding surface for a repair. It is recommended that sharp edges be avoided because the joint may show through after the panel is refinished.

- Panel repair for both flexible and rigid panels are basically the same. The primary difference between flexible panel repair and rigid panel repair is in the adhesive materials used.
- The technician should first decide what needs to be done when working on any type of body panel. One should determine if it is possible to return the damage part to its original strength and appearance without exceeding the value of the replacement part.
- When plastic repairs are required, it is recommended that the part be left on the vehicle when ever possible. That will save time, and the panel will remain stationary during the repair. Misalignment can

cause stress in the repair areas and can result in future failure.

VISUAL INSPECTION

Composite materials can mask the severity of an accident. Adhesive bond lines, interior structure of the doors, and steel structures need to be inspected carefully to get a true damage assessment. Close inspection may require partial removal of interior trim or inner panels.

Identify the type of repair: Puncture or Crack - Damage that has penetrated completely through the panel. Damage is confined to one general area; a panel section is not required. However, a backer panel, open fiberglass tape, or matted material must be bonded from behind.

PANEL SURFACE PREPARATION

If a body panel has been punctured, cracked, or crushed, the damaged area must be removed from the panel to achieve a successful repair. All spider web cracks leading away from a damaged area must be stopped or removed. To stop a running crack in a panel, drill a 6 mm (0.250 in.) hole at the end of the crack farthest away from the damage. If spider web cracks can not be stopped, the panel would require replacement. The surfaces around the damaged area should be stripped of paint and freed from wax and oil. Scuff surfaces around repair area with 360 grit wet/dry sandpaper, or equivalent, to assure adhesion of repair materials.

PATCHING PANELS

An panel that has extensive puncture type damage can be repaired by cutting out the damaged material. Use a suitable reciprocating saw or cut off wheel to remove the section of the panel that is damaged. The piece cut out can be used as a template to shape the new patch. It is not necessary to have access to the back of the panel to install a patch. Bevel edges of cutout at 20 degrees to expose a larger bonding area on the outer side. This will allow for an increased reinforcement areas.

PANEL PATCH FABRICATIONS

A patch can be fabricated from any rigid fiberglass panel that has comparable contour with the repair area. Lift gates and fenders can be used to supply patch material. If existing material is not available or compatible, a patch can be constructed with adhesive and reinforcement mesh (dry wall tape). Perform the following operation if required:

1. Cover waxed paper or plastic with adhesive backed nylon mesh (dry wall tape) larger than the patch required.
2. Tape waxed paper or plastic sheet with mesh to a surface that has a compatible contour to the repair area.
3. Apply a liberal coat of adhesive over the reinforcement mesh. If necessary apply a second or third coat of adhesive and mesh after first coat has cured. The thickness of the patch should be the same as the repair area.
4. After patch has cured, peel waxed paper or plastic from the back of the patch.
5. If desired, a thin film coat of adhesive can be applied to the back of the patch to cover mesh for added strength.

PANEL PATCH INSTALLATION

1. Make a paper or cardboard pattern the size and shape of the cutout hole in the panel.
2. Trim 3 mm (0.125 in.) from edges of pattern so patch will have a gap between connecting surfaces.
3. Using the pattern as a guide, cut the patch to size.
4. Cut scrap pieces of patch material into 50 mm (2 in.) squares to use as patch supports to sustain the patch in the cutout.
5. Drill 4 mm (0.160 in.) holes 13 mm (0.5 in.) in from edge of cutout hole.
6. Drill 4 mm (0.160 in.) holes 13 mm (0.5 in.) away from edge of patch across from holes drilled around cutout.
7. Drill 3 mm (0.125 in.) holes in the support squares 13 mm (0.5 in.) from the edge in the center of one side.
8. Scuff the backside of the body panel around the cutout hole with a scuff pad or sandpaper.
9. Mix enough adhesive to cover one side of all support squares.
10. Apply adhesive to cover one side of all support squares.
11. Using number 8 sheet metal screws, secure support squares to back side of body panel with adhesive sandwiched between the panel and squares.
12. Position patch in cutout against support squares and adjust patch until the gap is equal along all sides.
13. Drill 3 mm (0.125 in.) holes in the support squares through the pre-drilled holes in the patch.
14. Apply a coat of adhesive to the exposed ends of the support squares.
15. Install screws to hold the patch to support squares. Tighten screws until patch surface is flush with panel surface.
16. Allow adhesive to cure, and remove all screws.
17. Using a 125 mm (5 in.) 24 grit disc grinder, grind a 50 mm (2 in.) to 75 mm (3 in.) wide and 2 mm (0.080 in.) deep path across the gaps around the patch. With compressed air, blow dust from around patch.
18. Apply adhesive backed nylon mesh (dry wall tape) over gaps around patch.
19. Mix enough adhesive to cover the entire patch area.
20. Apply adhesive over the mesh around patch, and smooth epoxy with a wide spreader to reduce finish grinding. Use two to three layers of mesh and adhesive to create a stronger repair.

PATCHED PANEL SURFACING

After patch panel is installed, the patch area can be finished using the same methods as finishing other types of body panels. If mesh material is exposed in the patched area, grind surface down, and apply a coat of high quality rigid plastic body filler. Prime, block sand, and paint as required.

HEAT STAKING

1. Remove trim panel.
2. Bend or move the trim panel components at the heat staked joints. Observe the heat staked locations and/or component seams for looseness.
3. Heat stake the components.
 - a. If the heat staked or component seam location is loose, hold the two components tightly together

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and using a soldering gun with a flat tip, melt the material securing the components together. Do not over heat the affected area, damage to the exterior of the trim panel may occur.

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

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

5. Install trim panel.

SPECIFICATIONS

TORQUE

TORQUE SPECIFICATIONS

DESCRIPTION	N.m	Ft. Lbs.	In. Lbs.
Front Seat Track To Floor Pan Bolts	61	45	-
Front Seat Inboard Pivot Bolt	40	30	-
Front Seat Recliner To Seat Cushion Frame	12	9	-
Front Seat Track To Cushion Frame Bolts	12	9	-
Front Seat Back	45	34	-
Front Seat Back Recliner To Seat Back	12	9	-
Front Seat Belt Buckle Anchor Nut	40	29	-
Front Seat Belt Retractor Bolt	38	28	-
Front Seat Belt Buckle Anchor Bolt	40	29	-
Front Door Striker	15	-	133
Front Door Pin Assembly JS27	8	-	71
Front Door Carrier Plate	6	49	-
Front Door Hinge To Door Nuts	28	20	-
Front Door Latch Striker	28	20	-
Front Seat Rear Outboard Seat Track To Floor Pan Bolts	28	20	-
Hood Hinge Bolts	15	11	-
Hood Latch Bolts	28	20	-
Decklid Latch Striker	22	16	-
Rear Door Glass To Regulator Bolt	9	-	97
Rear Door Carrier Plate Fasteners	8	-	70
Rear Door Exterior Handle	7	62	-
Rear Door Latch Striker	20	15	-
Rear Door Nuts To Hinge	13	-	115
Rear Door Latch Striker	28	20	-
Rear Door Glass Run Fastener To Division Post	6	-	53
Rear Door Hinge	28	21	-

Rear Seat Back Outer Bracket Nuts	61	45	-
Sunroof Module To Roof Panel	11	-	100

SPECIAL TOOLS

BODY

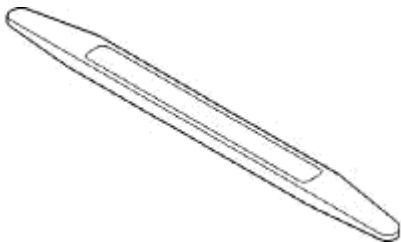


Fig. 1: Trim Stick C-4755
Courtesy of CHRYSLER LLC

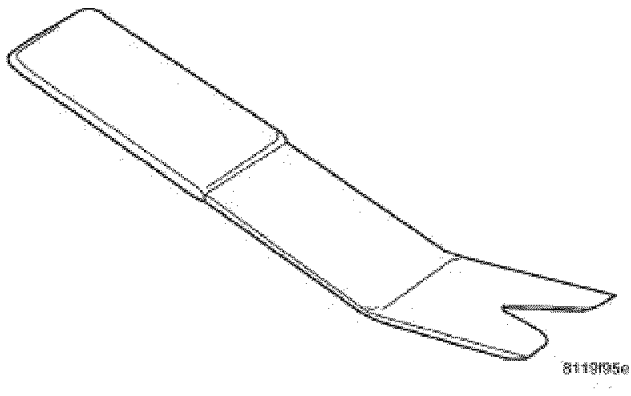


Fig. 2: Remover, Moldings C-4829-A
Courtesy of CHRYSLER LLC

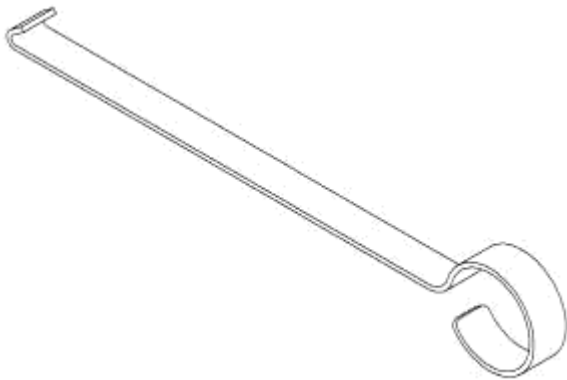


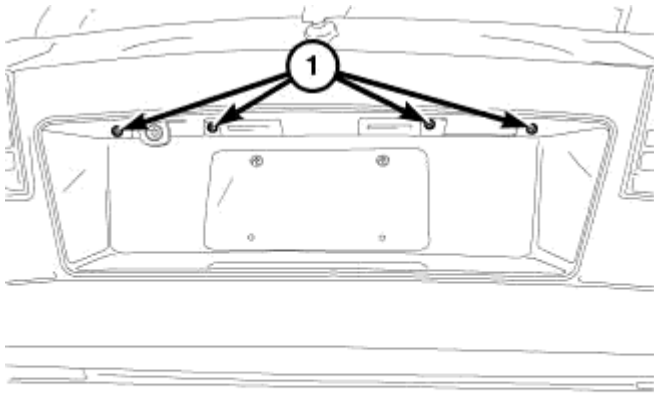
Fig. 3: Remover, Outer Door Belt Molding 9093
Courtesy of CHRYSLER LLC

DECKLID/HATCH/LIFTGATE/TAILGATE

HANDLE, EXTERIOR, LIFTGATE

Removal

REMOVAL



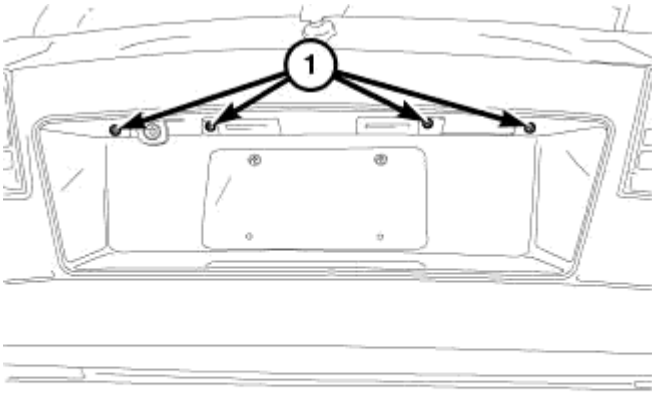
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Fig. 4: Liftgate Handle Rear Mounting Nut
Courtesy of CHRYSLER LLC

1. Remove the liftgate trim panel. See **Body/Decklid/Hatch/Liftgate/Tailgate/PANEL, Trim - Removal**.
2. Remove the liftgate handle rear mounting nut.
3. Place the liftgate in the closed position.
4. Remove the mounting fasteners on the front of the liftgate handle.
5. Disconnect the liftgate handle latch cable.
6. Disconnect the electrical connectors and remove the liftgate handle.

Installation

INSTALLATION



81eee5de

Fig. 5: Liftgate Handle Rear Mounting Nut

Courtesy of CHRYSLER LLC

1. Connect the liftgate handle latch cable.
2. Connect electrical connectors and seat the liftgate handle into position.
3. Install the front liftgate handle fasteners.
4. Place the liftgate in the up position.
5. Install the rear liftgate handle fastener.
6. Install the liftgate trim panel. See **Body/Decklid/Hatch/Liftgate/Tailgate/PANEL, Trim - Installation.**

HINGE, LIFTGATE**Removal****REMOVAL**

NOTE: It is not necessary to remove the liftgate to replace one or both hinges. The hinges can be replaced one at a time.

NOTE: A suitable body sealant should be used when removing or moving the hinges.

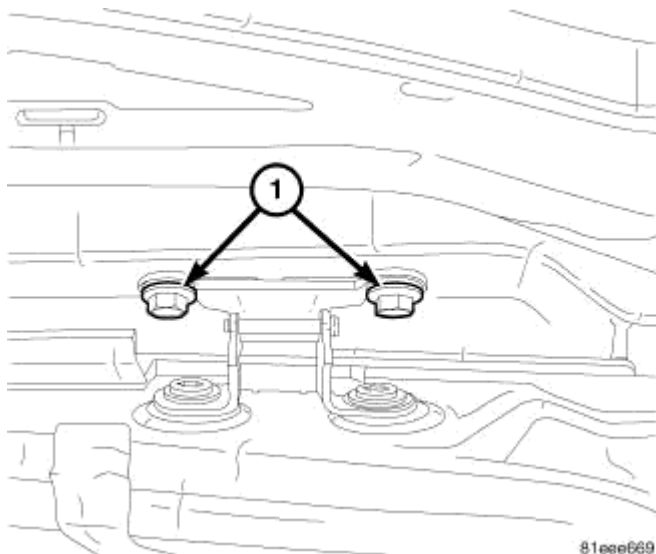


Fig. 6: Upper Hinge Bolts
Courtesy of CHRYSLER LLC

1. Place the liftgate in the full up position.
2. Support liftgate on a suitable lifting device.
3. Using a trim stick C-4755 or equivalent, remove the upper rear headliner trim.
4. Mark outline of hinge on the inside of liftgate to aid in installation.
5. Remove the upper hinge bolts (1).

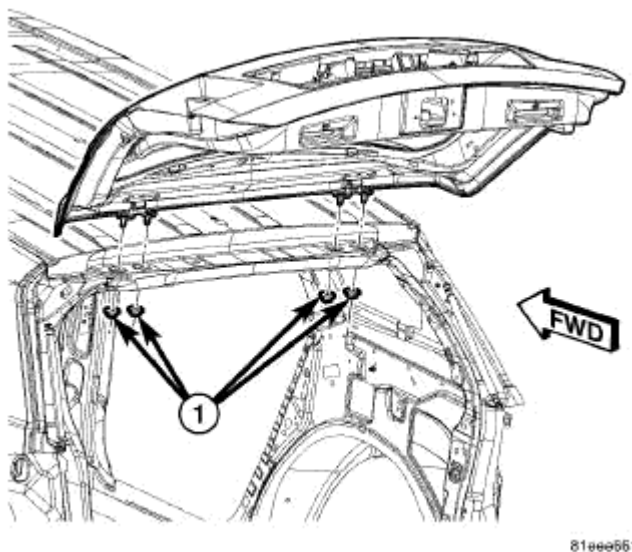


Fig. 7: Lower Hinge Bolts
Courtesy of CHRYSLER LLC

6. Remove the lower hinge bolts (1).

7. Remove hinge from vehicle.

Installation

INSTALLATION

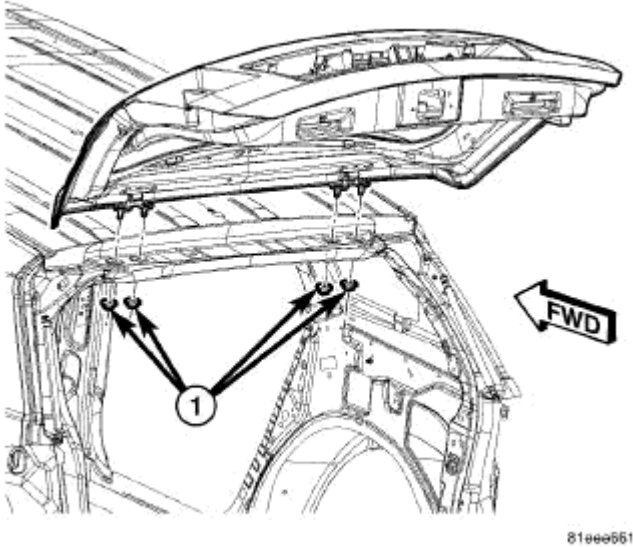


Fig. 8: Lower Hinge Bolts
Courtesy of CHRYSLER LLC

1. Position hinge to the vehicle.
2. Install the lower hinge bolts (1). Tighten the hinge bolts to 28 N.m (21 ft. lbs.).

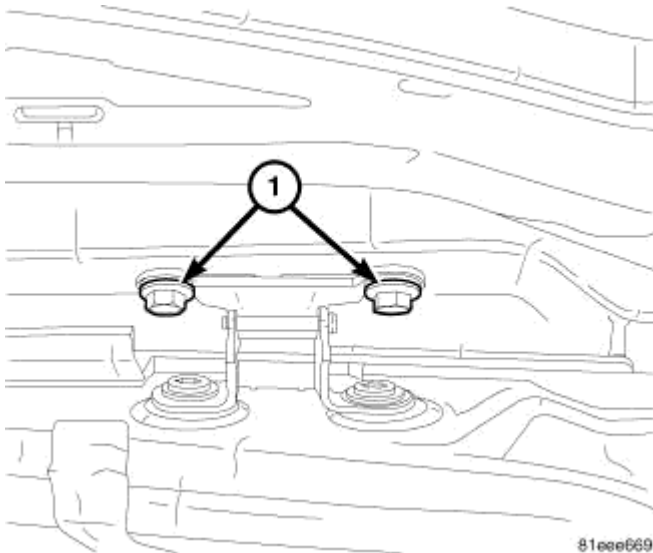


Fig. 9: Upper Hinge Bolts
Courtesy of CHRYSLER LLC

3. Align the hinge to the previously made markings.
4. Install the upper hinge bolts (1). Tighten the hinge bolts to 28 N.m (21 ft. lbs.).
5. Install the upper rear headliner trim.
6. Close the liftgate and verify proper operation. See **Body/Decklid/Hatch/Liftgate/Tailgate/LIFTGATE - Adjustments.**

LATCH, LIFTGATE

Removal

REMOVAL

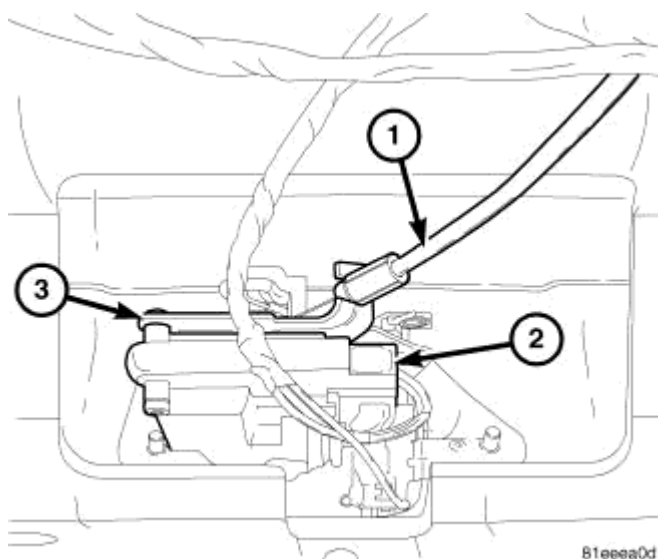


Fig. 10: Liftgate Latch Cable
Courtesy of CHRYSLER LLC

1. Remove the liftgate trim panel. See **Body/Decklid/Hatch/Liftgate/Tailgate/PANEL, Trim - Removal.**
2. Disconnect the electrical connector (2) from the latch (3).
3. Disconnect the liftgate latch cable (1).
4. Lower the liftgate to mid position and remove the latch mounting bolts.
5. Remove the liftgate latch from the vehicle.

Installation

INSTALLATION

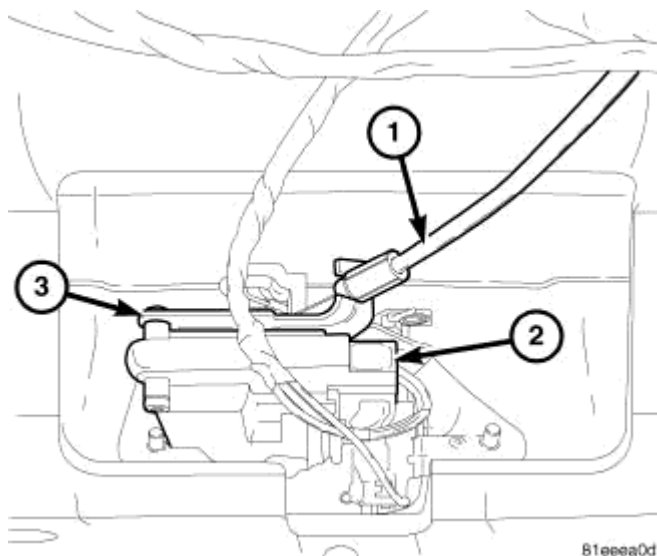


Fig. 11: Liftgate Latch Cable
Courtesy of CHRYSLER LLC

1. Position the liftgate latch to the liftgate.
2. Install the mounting fasteners. Tighten the bolts to 28 N.m (21 ft. lbs.).
3. Connect the liftgate latch cable.
4. Connect the electrical connector to the latch.
5. Install the liftgate trim panel. See **Body/Decklid/Hatch/Liftgate/Tailgate/PANEL, Trim - Installation**.
6. Close the liftgate and verify proper operation. See **Body/Decklid/Hatch/Liftgate/Tailgate/LIFTGATE - Adjustments**.

LIFTGATE

Removal

REMOVAL

WARNING: Do not disconnect the support rod cylinders with the liftgate closed. The support rod pistons are operated by high pressure gas. This pressure could cause damage and/or personal injury if they are removed while the pistons are compressed.

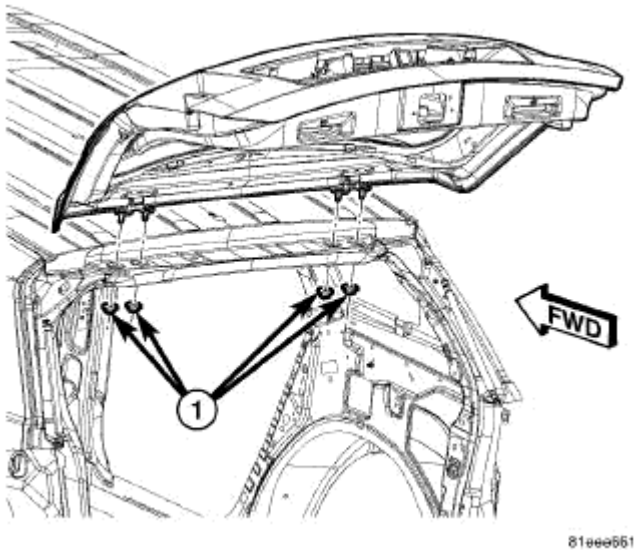


Fig. 12: Lower Hinge Bolts
Courtesy of CHRYSLER LLC

1. Open and support the liftgate.
2. Using a trim stick C-4755 or equivalent, remove the upper rear headliner trim.
3. Remove the support cylinders from the liftgate. See **Body/Decklid/Hatch/Liftgate/Tailgate/PROP, Gas - Removal**.
4. Disconnect the wire harnesses and the washer hose.
5. Using a grease pencil or equivalent, mark the hinge location.
6. Remove the liftgate to body fasteners (1) and remove liftgate from vehicle.

Installation

INSTALLATION

NOTE: A suitable body sealant should be used when removing or moving the hinges.

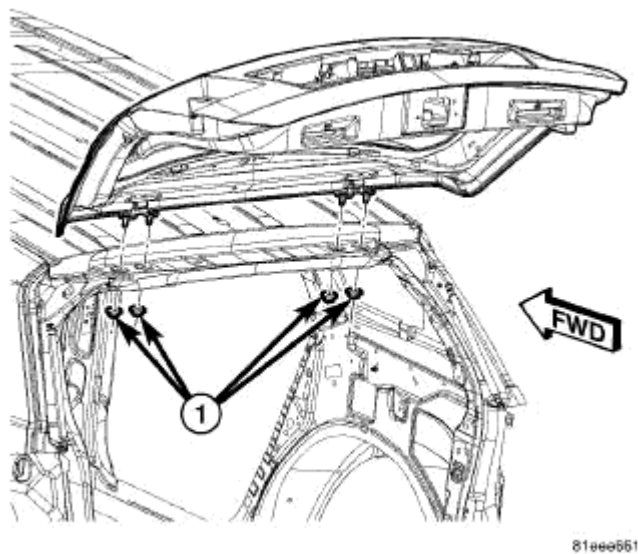


Fig. 13: Lower Hinge Bolts

Courtesy of CHRYSLER LLC

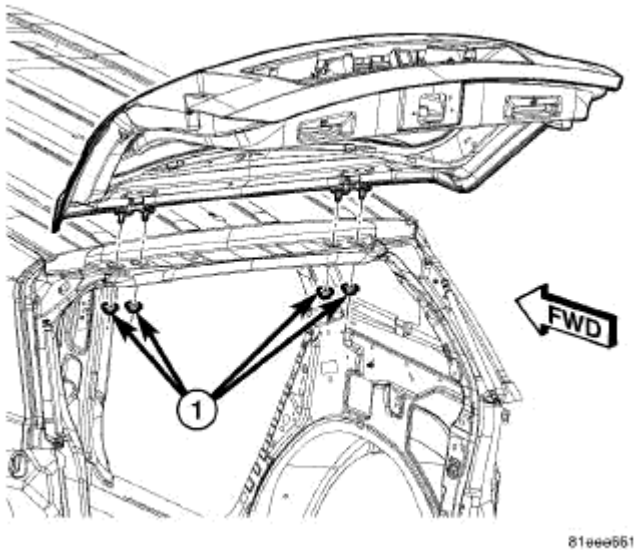
1. Position the liftgate onto the vehicle using the reference marks made during the Removal procedure and install the body fasteners (1).
2. Tighten the bolts to 28 N.m (21 ft. lbs.).
3. Connect the wire harness and washer hose.
4. Install the support struts. See **Body/Decklid/Hatch/Liftgate/Tailgate/PROP, Gas - Installation.**
5. Install the upper rear headliner trim.
6. Close the liftgate and verify proper operation. See **Body/Decklid/Hatch/Liftgate/Tailgate/LIFTGATE - Adjustments.**

Adjustments

ADJUSTMENTS

NOTE: The position of the liftgate can be adjusted upward or downward by the use of slots in the hinge. An inward or outward adjustment is achieved by use of slots in the body. If an inward or outward adjustment is needed, use a body sealer on the hinge to body mating surface.

In/out

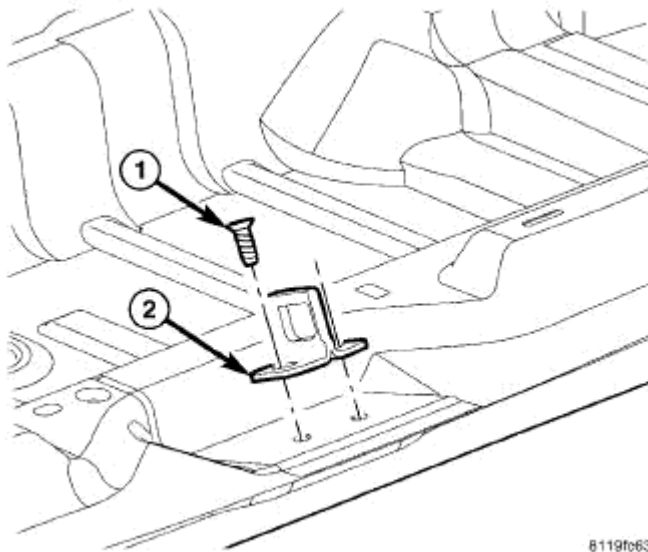


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Fig. 14: Lower Hinge Bolts

Courtesy of CHRYSLER LLC

1. Using a trim stick C-4755 or equivalent, remove the upper rear headliner trim.
2. For the upper lift gate adjustments, loosen the six hinge to header bolts (1) and adjust to specifications. See **Body/Body Structure/Gap and Flush - Specifications**
3. Tighten the hinge bolts to 28 N.m (21 ft. lbs.).



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Fig. 15: Striker Screws

Courtesy of CHRYSLER LLC

4. For the lower lift gate adjustments, loosen the striker screws (1) and adjust to specifications. See **Body/Body Structure/Gap and Flush - Specifications**

5. Tighten the striker screws to 28 N.m (21 ft. lbs.).
6. Position the upper rear headliner trim and seat fully.

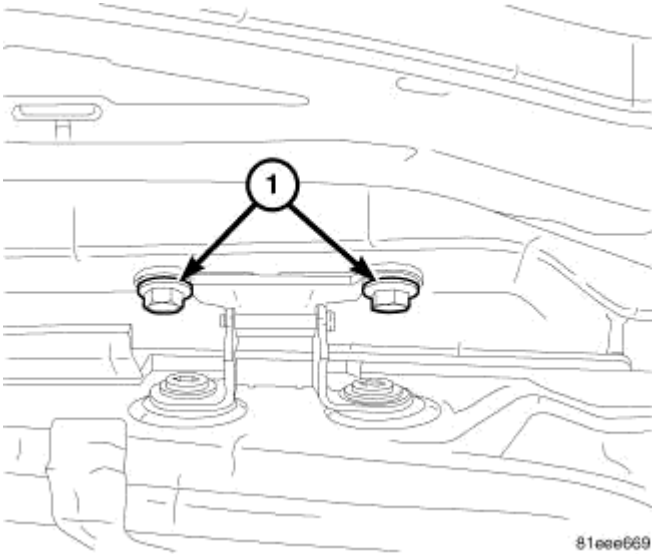
Up/Down and Left/Right

Fig. 16: Upper Hinge Bolts
Courtesy of CHRYSLER LLC

1. Loosen the hinge to liftgate bolts (2).

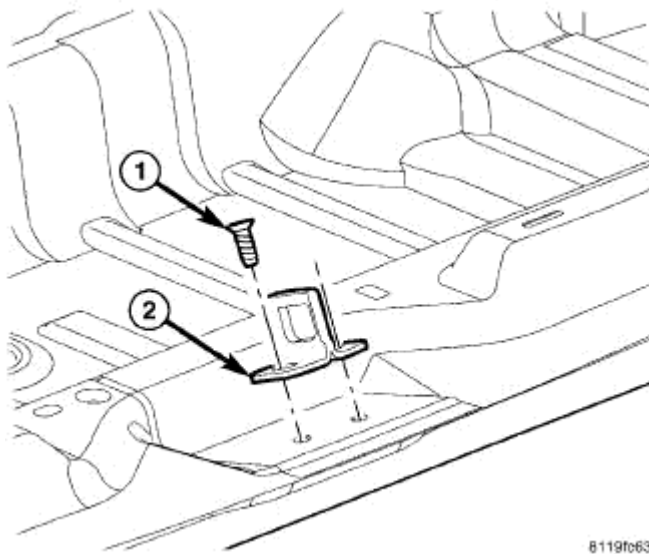


Fig. 17: Striker Screws
Courtesy of CHRYSLER LLC

2. Loosen the striker screws (1).

3. Adjust the liftgate up/down position and tighten the hinge bolts to 28 N.m (21 ft. lbs.). See **Body/Body Structure/Gap and Flush - Specifications**
4. Confirm the lower liftgate in/out position and tighten the striker screws to 28 N.m (21 ft. lbs.).

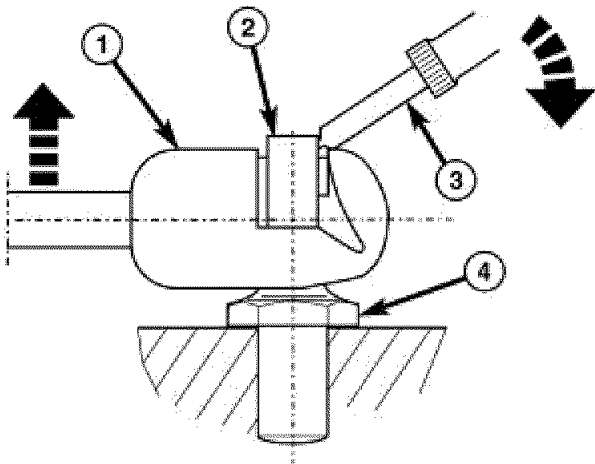
PANEL, TRIM, LIFTGATE**Removal****REMOVAL**

1. Remove the left and right side trim panels.
2. Using a trim stick C-4829A or equivalent, separate the push-pin fasteners and remove the upper trim panel.
3. Remove the two lower screws.
4. Remove the lower trim panel and disconnect the electrical connector.

Installation**INSTALLATION**

1. Connect the electrical connector and install the lower trim panel.
2. Install the two lower screws.
3. Install the left and right side trim panels.
4. Position the upper trim into place and seat the push pin fasteners fully.

PROP, GAS, LIFTGATE**Removal****REMOVAL**

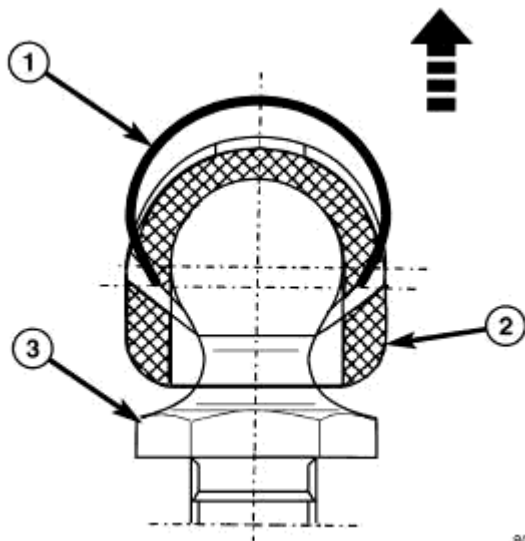


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Fig. 18: SUPPORT CYLINDER REMOVAL

Courtesy of CHRYSLER LLC

1. Open liftgate.
2. Using a small flat bladed tool or equivalent, release the retaining clips while pulling the ball socket away from the ball stud.



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Fig. 19: SUPPORT CYLINDER RETAINING CLIP

Courtesy of CHRYSLER LLC

3. Remove the gas prop-rod lock caps.
4. Remove the support cylinder.

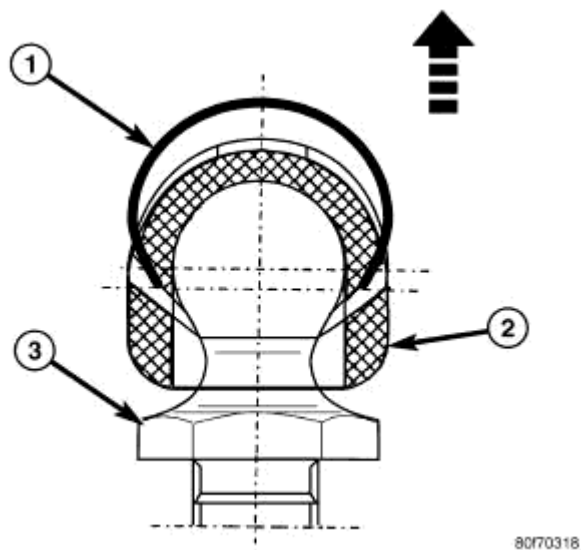
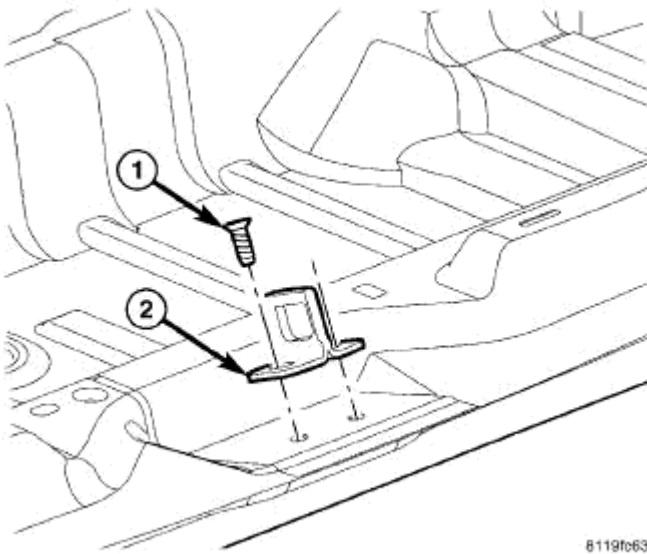
Installation**INSTALLATION**

Fig. 20: SUPPORT CYLINDER RETAINING CLIP

Courtesy of CHRYSLER LLC

1. Make sure the retaining clips are seated into the ball socket (2) fully.
2. Install the support cylinder over the ball studs with the thin end connected to the liftgate and the retaining clips snapping into place.

STRIKER, LIFTGATE LATCH**Removal****REMOVAL**



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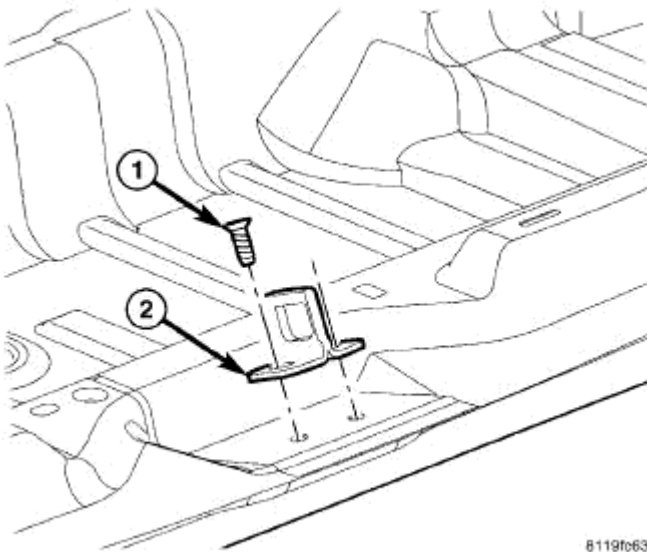
Fig. 21: Striker Screws

Courtesy of CHRYSLER LLC

1. Open the liftgate.
2. Remove screws attaching liftgate striker to floor pan (1) and remove the striker.

Installation

INSTALLATION



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Fig. 22: Striker Screws

Courtesy of CHRYSLER LLC

1. Install the striker (2) and install the bolts (1).
2. Tighten the bolts to 28 N.m (21 ft. lbs.).
3. Adjust the striker if needed. See **Body/Decklid/Hatch/Liftgate/Tailgate/STRIKER - Adjustments.**

Adjustments**ADJUSTMENT**

1. Using a grease pencil or equivalent, mark the position of the striker to aid in adjustment.
2. Loosen the striker bolts.
3. Change the striker position to adjust the lower liftgate gap and flush measurement. See **Body/Body Structure/Gap and Flush - Specifications**
4. Tighten the bolts to 28 N.m (21 ft. lbs.).

DOOR - FRONT**DOOR****Removal****REMOVAL**

1. Open and support door on a suitable lifting device.
2. Mark hinges attachment locations with a grease pencil or other suitable device to aid installation.
3. Disengage wire connector at hinge A-pillar.
4. Remove the nuts attaching the door to the door hinges and remove the door from the vehicle.

Installation**INSTALLATION**

1. Position door onto the door hinges and install the nuts. Tighten nuts to 13 N.m (115 in.lbs.)
2. Connect wire connector at hinge pillar.
3. Verify door fit and operation. Adjust the door for flushness and parallel gaps as necessary. See **Body/Door - Front/DOOR - Adjustments.**

Adjustments**ADJUSTMENTS-FRONT DOOR**

1. Align door to achieve equal spacing to surrounding body panels.
2. Panels should be flush across all gaps. See **Body/Body Structure/Gap and Flush - Specifications.**
3. If door needs to be adjusted Fore/Aft loosen A-pillar to hinge bolts.
4. If door needs to be adjusted In/Out loosen door to hinge nuts.

5. If in/out alignment can not be achieved, it may be necessary to enlarge (drill) the hinge/door flange holes to 12.5 mm (1/2 inch) maximum.
6. This may allow extra movement to achieve the proper alignment.
7. Remove door and hinge as necessary.

GLASS, DOOR

Removal

REMOVAL

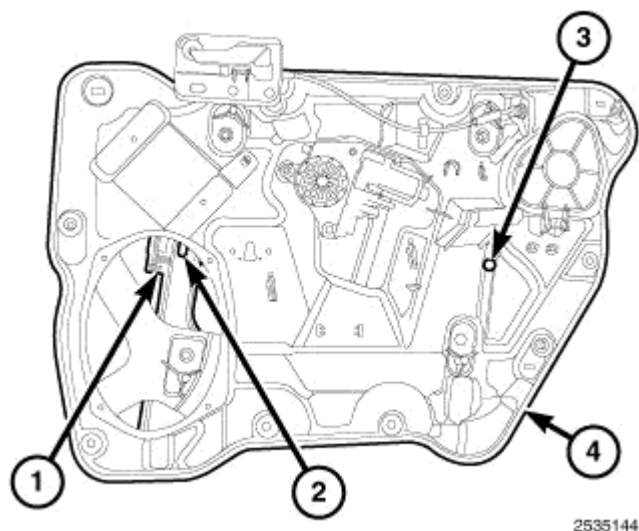
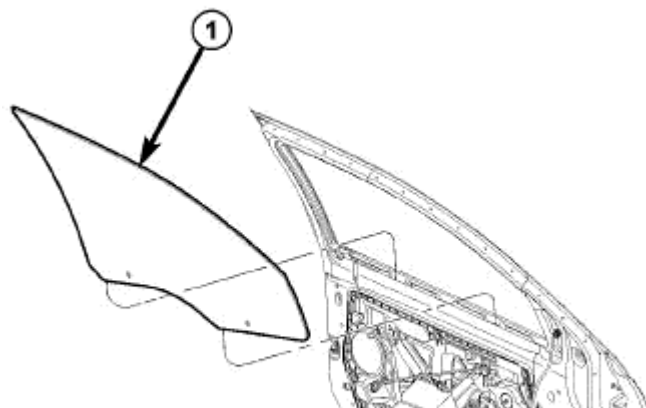


Fig. 23: Door Trim Panel & Window Switches

Courtesy of CHRYSLER LLC

1. Remove door trim panel and re-install the window switches, if equipped. See **Body/Door - Front/PANEL, Door Trim - Removal**
2. Remove the interior window trim molding. See **Body/Door - Front/MOLDING - Removal**
3. Remove the door speaker. Refer to **Electrical - Audio and Video/Audio and Video/SPEAKER - Removal**
4. Drill a hole large enough to get a small punch through into the carrier plate (3).
5. Lower glass to approximately mid position and line up the glass lift plates (1) with the holes (2 and 3).
6. Using a punch or equivalent, press tabs releasing glass from window regulator (2 and 3).



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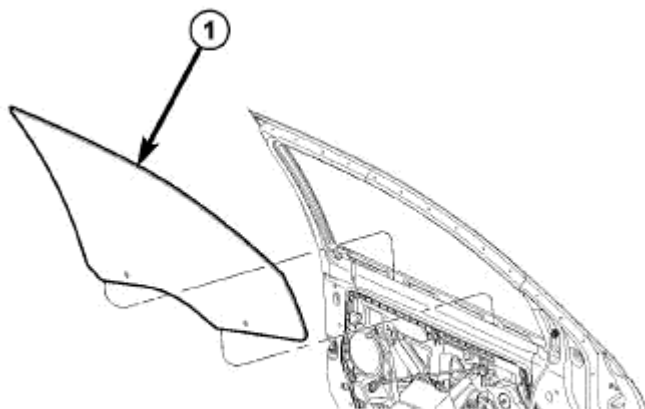
Fig. 24: GLASS HOLES

Courtesy of CHRYSLER LLC

7. Remove glass from channel.
8. Raise glass (1) upward and out of the opening at top of door.

Installation

INSTALLATION



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Fig. 25: Glass Holes

Courtesy of CHRYSLER LLC

1. Lower glass (1) down and in the opening at top of door.
2. Slide glass downward making sure the glass holes properly lock into snaps (1).
3. Install the interior window trim molding. See **Body/Door - Front/MOLDING - Installation**
4. Install the door speaker. Refer to **Electrical - Audio and Video/Audio and Video/SPEAKER - Installation**
5. Install door trim panel. See **Body/Door - Front/PANEL, Door Trim - Installation**.

HANDLE, EXTERIOR

Removal

REMOVAL

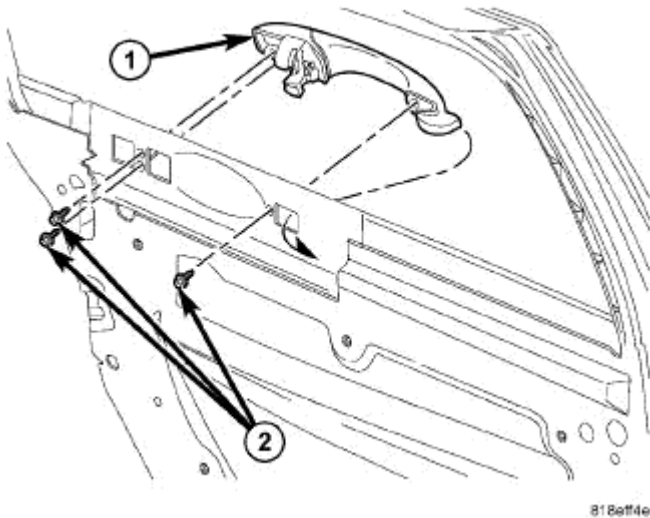


Fig. 26: DOOR HANDLE

Courtesy of CHRYSLER LLC

1. Place the door glass in the full up position.
2. Remove door trim panel. See **Body/Door - Front/PANEL, Door Trim - Removal**.
3. Disconnect latch rods.
4. Remove fasteners (2) attaching door handle (1) to outer door panel.
5. Remove outside door handle from door.

Installation

INSTALLATION

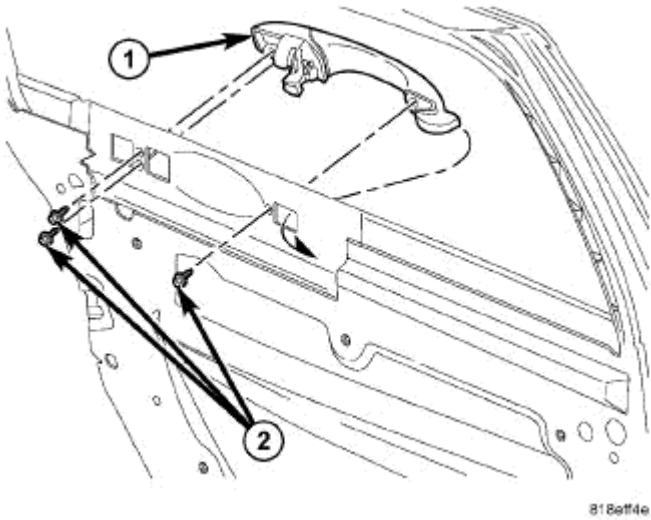


Fig. 27: DOOR HANDLE

Courtesy of CHRYSLER LLC

1. Insert tip of handle (1) towards front of door through handle opening in door outer.
2. Pull handle at rear as if to open to swing handle into opening.
3. Install fasteners (2) into sheet metal and into rear side of door handle.
4. Tighten to 7 N.m (62 in. lbs.)
5. Install door trim panel. See **Body/Door - Front/PANEL, Door Trim - Installation.**
6. Verify door handle operation. Adjust door latch as necessary. See **Body/Door - Front/LATCH, Door - Adjustments.**

HANDLE, INTERIOR

Removal

REMOVAL

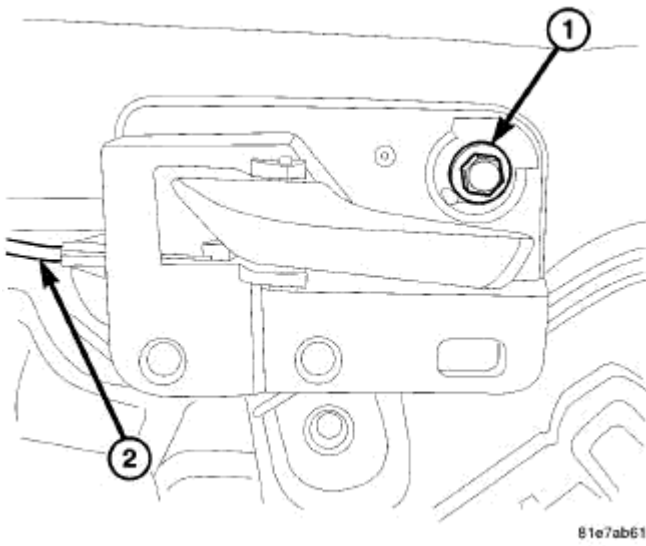


Fig. 28: Door Handle Cable

Courtesy of CHRYSLER LLC

1. Remove trim panel from door. See **Body/Door - Front/PANEL, Door Trim - Removal**
2. Remove mounting fastener (1).
3. Remove the interior door handle from door module.
4. Disconnect the door handle cable (2).

Installation

INSTALLATION

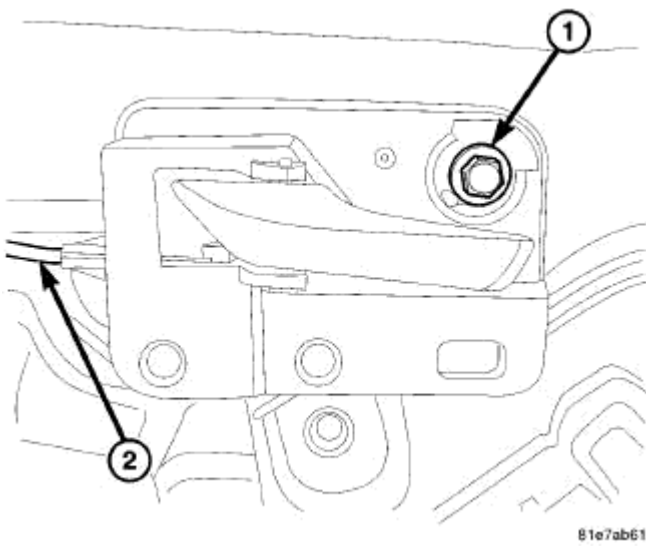
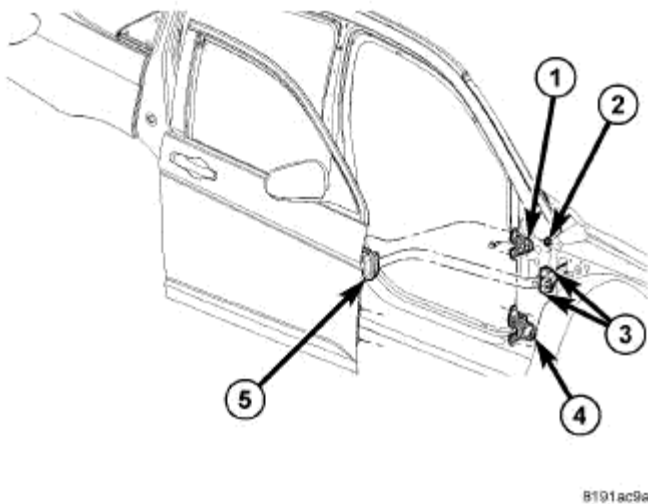


Fig. 29: Door Handle Cable

Courtesy of CHRYSLER LLC

1. Connect the interior handle cable (2) to the handle.
2. Position the handle to the door module ensuring that the handle is aligned correctly.
3. Install the mounting fastener (1).
4. Install the door trim panel. See **Body/Door - Front/PANEL, Door Trim - Installation.**

HINGE, DOOR**Removal****REMOVAL****Fig. 30: Hinge****Courtesy of CHRYSLER LLC**

1. Remove front door from vehicle. See **Body/Door - Front/DOOR - Removal**
2. Transfer door to bench.
3. Mark position of upper hinge (3) and lower hinge (4) on the upper A-pillar and lower A-pillar with a grease pencil or other suitable device to ease installation.
4. Remove bolts attaching hinge to door the upper A-pillar and lower A-pillar frame and remove the hinge.

Installation**INSTALLATION**

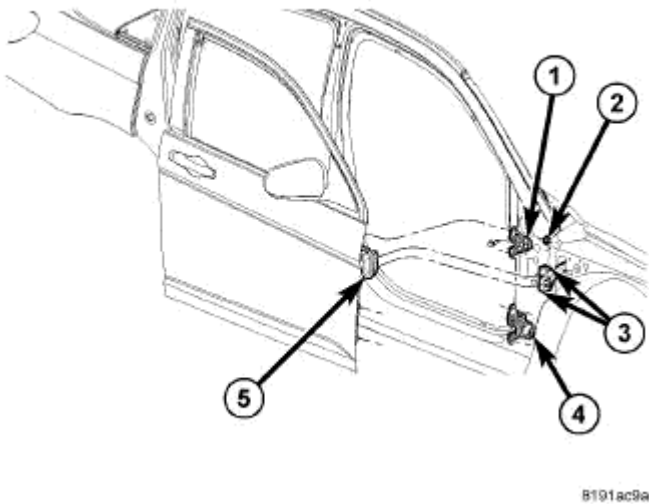


Fig. 31: Hinge

Courtesy of CHRYSLER LLC

1. If necessary, paint new door hinge prior to installation.
2. Loosely install bolts attaching hinge to lower A-pillar.
3. Align hinges to marks made previously and tighten all bolts. Tighten bolts to 28 N.m (21 ft. lbs.) torque.
4. Install the front door. See **Body/Door - Front/DOOR - Installation.**
5. Verify door fit and operation. Adjust door hinge for proper door alignment, if necessary. See **Body/Door - Front/DOOR - Adjustments.**

LATCH, DOOR

Removal

REMOVAL

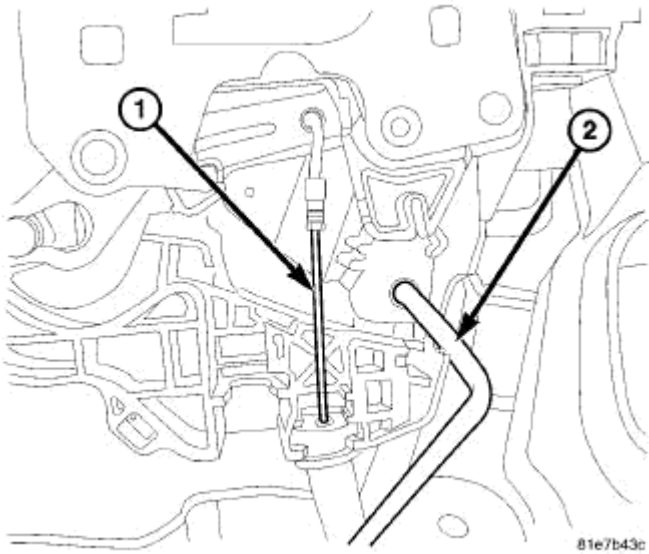


Fig. 32: Latch Cable & Rods

Courtesy of CHRYSLER LLC

1. Remove the door trim panel. See **Body/Door - Front/PANEL, Door Trim - Removal**.
2. Remove the door module. See **Body/Door - Front/PLATE, Carrier - Removal**.
3. Remove the latch assembly from the rear of the door module by disengaging the clips.
4. Disconnect the latch cable (1) and rods (2) from the latch assembly.

Installation

INSTALLATION

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

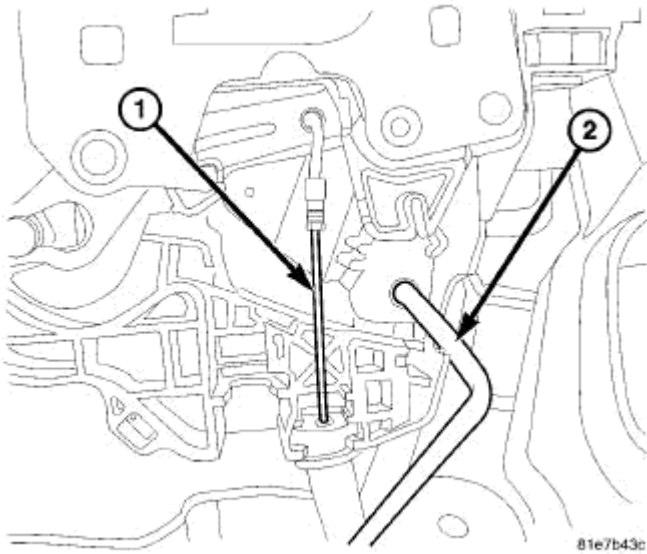


Fig. 33: Latch Cable & Rods

Courtesy of CHRYSLER LLC

1. Position the latch assembly to the door module.
2. Connect the latch cable (1) and rods (2) to the latch assembly.
3. Snap the latch assembly into place onto the door module.
4. Install the door module. See **Body/Door - Front/PLATE, Carrier - Installation.**
5. Install the door trim panel. See **Body/Door - Front/PANEL, Door Trim - Installation.**

Adjustments

ADJUSTMENTS

1. Insert a suitable Allen wrench through the elongated slot in door end frame and loosen bolt 1/2 to one full turn.
2. Cycle outside door handle twice.
3. Tighten adjusting screw.
4. Verify latch operation.

MOLDING, INTERIOR WINDOW TRIM

Removal

REMOVAL

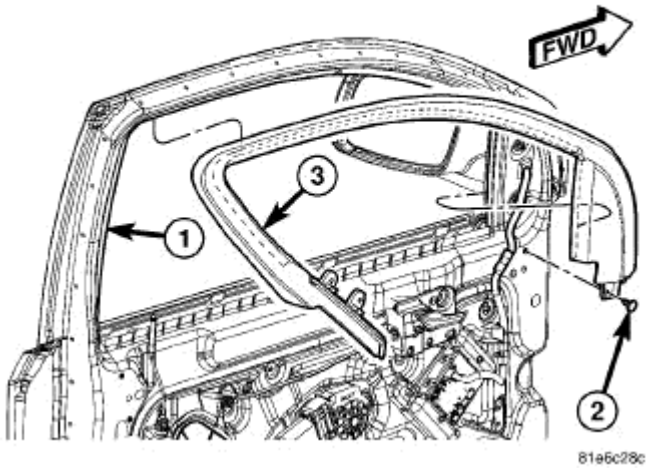


Fig. 34: Push-Pin Style Retainers From Interior Window Trim Molding
Courtesy of CHRYSLER LLC

1. Remove the door trim panel. See **Body/Door - Front/PANEL, Door Trim - Removal.**
2. Remove the push-pin style retainers (2) from the front and rear of the interior window trim molding (3).
3. Remove the molding from the vehicle.

Installation

INSTALLATION

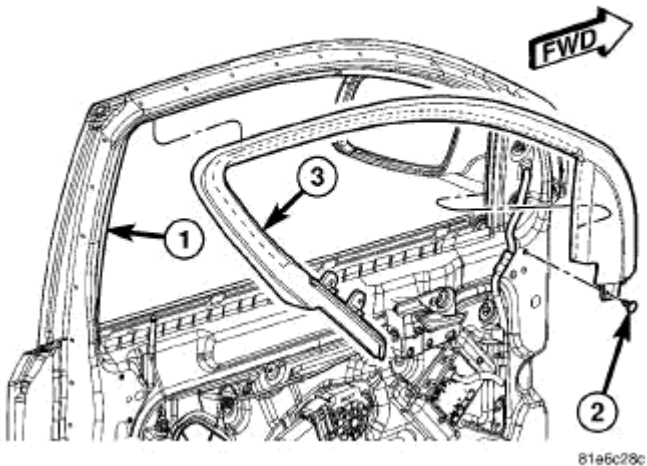


Fig. 35: Push-Pin Style Retainers From Interior Window Trim Molding
Courtesy of CHRYSLER LLC

1. Position the interior window trim molding (3) to the door (1).
2. Install the push-pin style fasteners (2) to the front and rear of the molding.
3. Install the door trim panel.

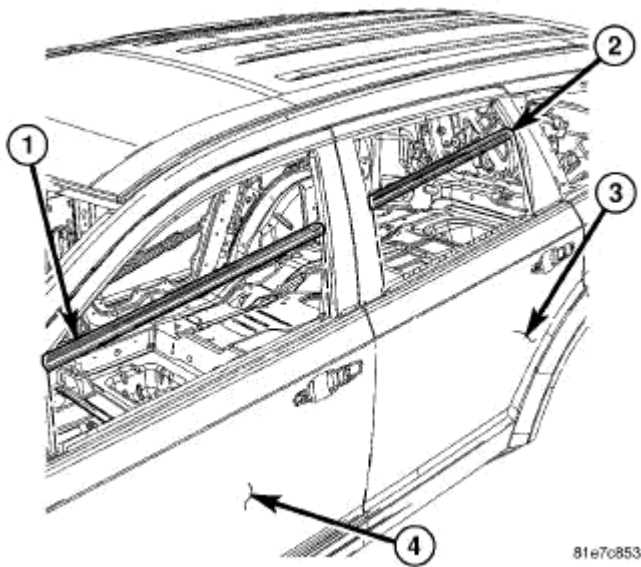
MOLDING, OUTER BELT**Removal****REMOVAL**

Fig. 36: Front Door Belt Molding
Courtesy of CHRYSLER LLC

1. Lower the window to the full down position.
2. Remove the front door trim panel. See **Body/Door - Front/PANEL, Door Trim - Removal**.
3. Remove the rear mounting fastener.
4. Remove the front door belt molding (1) by carefully pulling up on the molding and remove from the front door (4).

Installation**INSTALLATION**

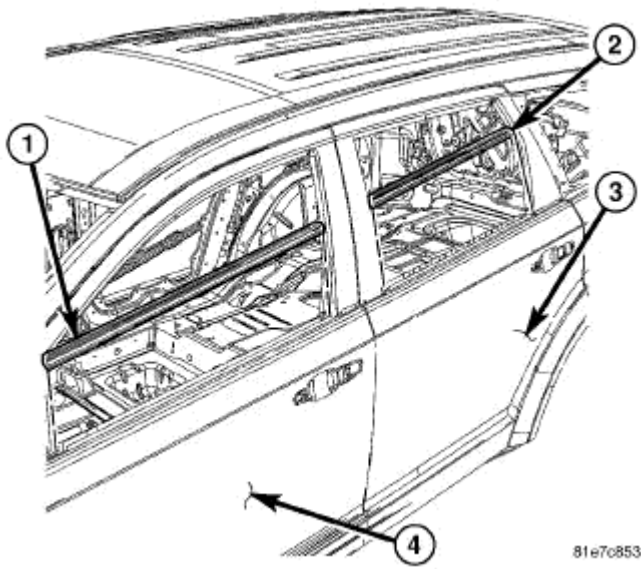


Fig. 37: Front Door Belt Molding

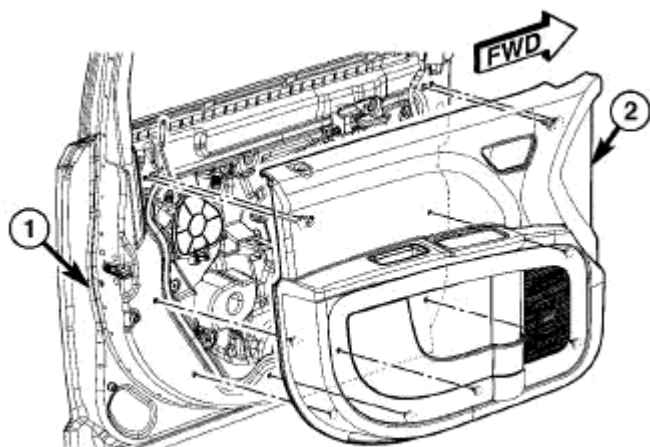
Courtesy of CHRYSLER LLC

1. Install the front door belt molding (1) to the front door (4).
2. Install the rear mounting fastener.
3. Install the front door trim panel. See **Body/Door - Front/PANEL, Door Trim - Installation.**
4. Verify proper window operation.

PANEL, DOOR TRIM

Removal

REMOVAL



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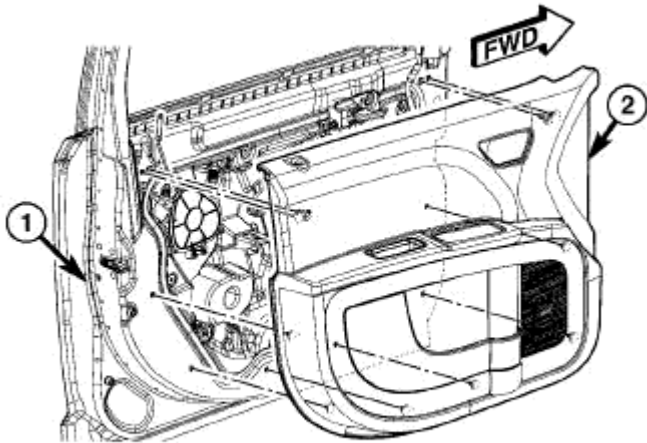
Fig. 38: Trim Panel On Door

Courtesy of CHRYSLER LLC

1. Remove pull handle screw.
2. Remove screw from inside door handle.
3. Remove the power window controls. Refer to **Electrical - Power Systems/Power Windows/SWITCH, Power Window - Removal** .
4. Using trim stick C-4755, pry trim panel from door (1).
5. Transfer trim panel (2) to bench

Installation

INSTALLATION



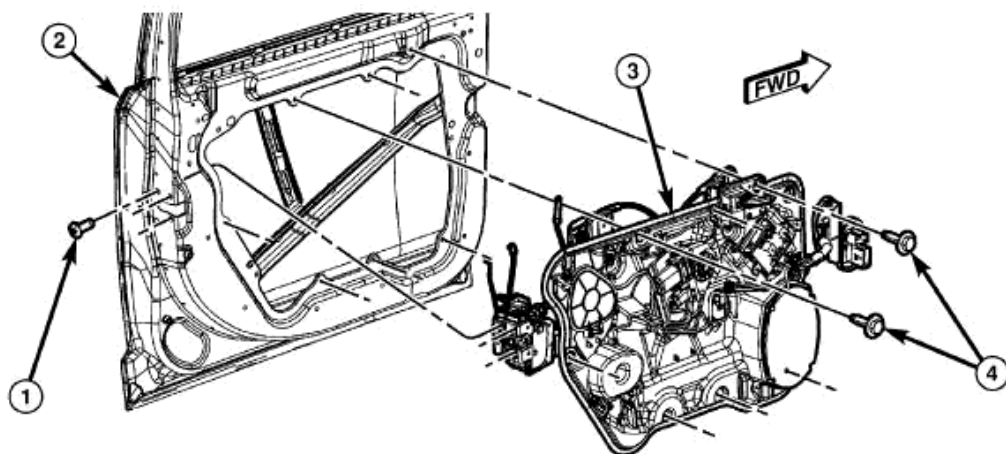
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Fig. 39: Trim Panel On Door

Courtesy of CHRYSLER LLC

1. Position door trim panel near to door.
2. Raise trim panel such that the backside of trim edge can be engaged with inner belt molding.
3. Press downward on top edge of trim panel while rotating bottom edge of panel towards door.
4. Position the locators at the top of the backside of the trim panel into the corresponding sheet metal holes ensuring fit.
5. Install the screw to the interior handle cover.
6. Install the screw to the pull handle.
7. Snap screw covers closed.
8. Install the power window controls. Refer to **Electrical - Power Systems/Power Windows/SWITCH, Power Window - Installation** .
9. Close door window.

PLATE, CARRIER**Removal****REMOVAL**

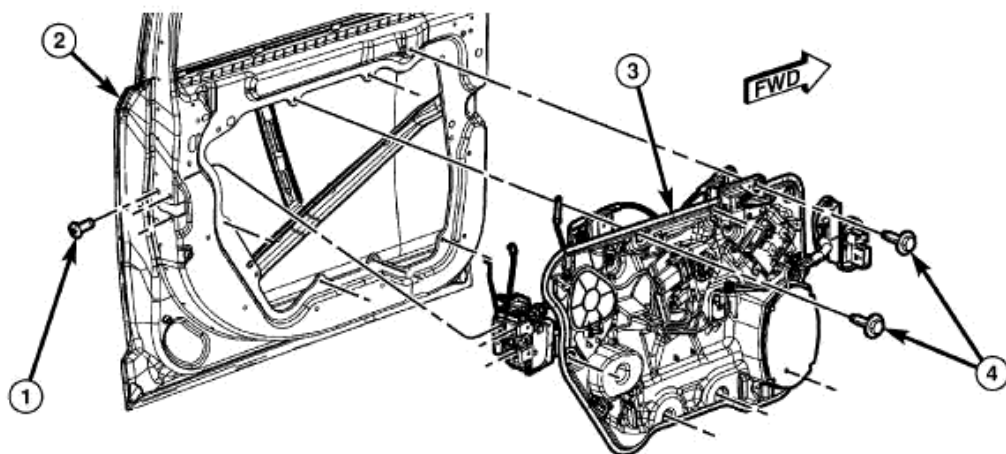


81e/7c53a

Fig. 40: Door Module & Door Latch Assembly

Courtesy of CHRYSLER LLC

1. Remove the door trim panel. See **Body/Door - Front/PANEL, Door Trim - Removal.**
2. Remove the front door window. See **Body/Door - Front/GLASS, Door - Removal.**
3. Disconnect the electrical connectors on the door module and the door latch assembly.
4. Remove the wiring harness from the door module.
5. Disconnect the exterior door handle connecting rods.
6. Remove the door latch fasteners (1).
7. Remove the door module mounting fasteners (4).
8. Carefully remove the door module (3) by raising the front and lowering the rear of the door module while pulling away from the door.

Installation**INSTALLATION**

81e/7c53a

Fig. 41: Door Module & Door Latch Assembly

Courtesy of CHRYSLER LLC

1. Position the door module (3) into the door (2).
2. Install the door module mounting fasteners (4).
3. Install the door latch fasteners (1).
4. Connect the exterior door handle connecting rods.
5. Install the wiring harness to the door module and connect all electrical connectors.
6. Install the front door window. See **Body/Door - Front/GLASS, Door - Installation**.
7. Install the door trim panel. See **Body/Door - Front/PANEL, Door Trim - Installation**.
8. Verify latch adjustments and adjust as necessary. See **Body/Door - Front/LATCH, Door - Adjustments**.

REGULATOR, WINDOW

Removal

REMOVAL

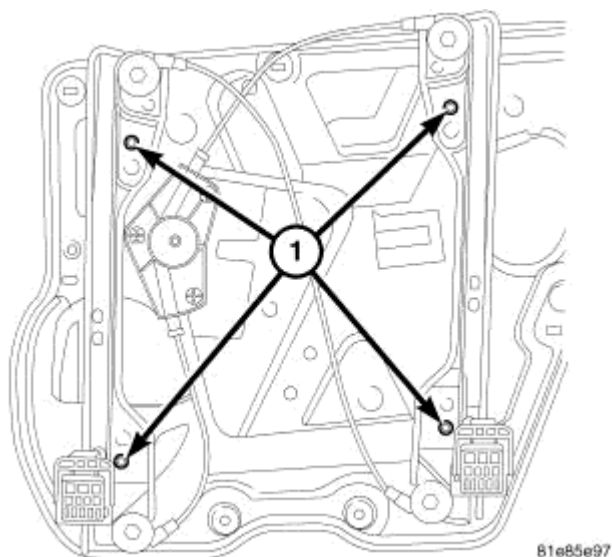


Fig. 42: Regulator Mounting Fasteners

Courtesy of CHRYSLER LLC

1. Remove door trim panel. See **Body/Door - Front/PANEL, Door Trim - Removal**.
2. Remove the door module assembly. See **Body/Door - Front/PLATE, Carrier - Removal**.
3. Remove the power window lift motor. Refer to **Electrical - Power Systems/Power Windows/MOTOR, Window Regulator - Removal**.
4. Remove the regulator mounting fasteners.
5. Remove regulator from door module assembly.

Installation

INSTALLATION

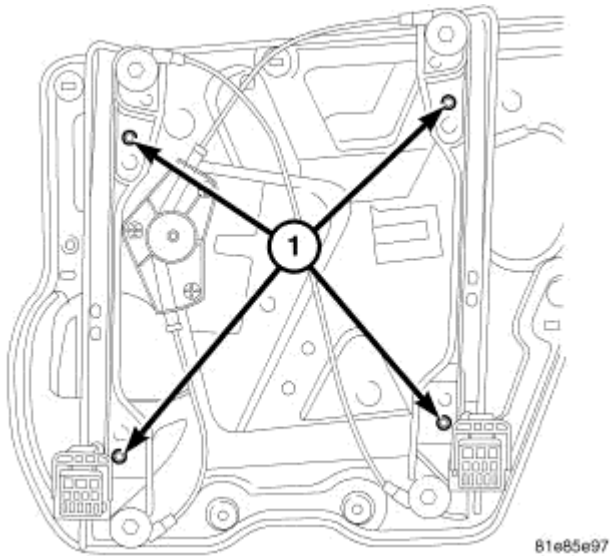


Fig. 43: Regulator Mounting Fasteners

Courtesy of CHRYSLER LLC

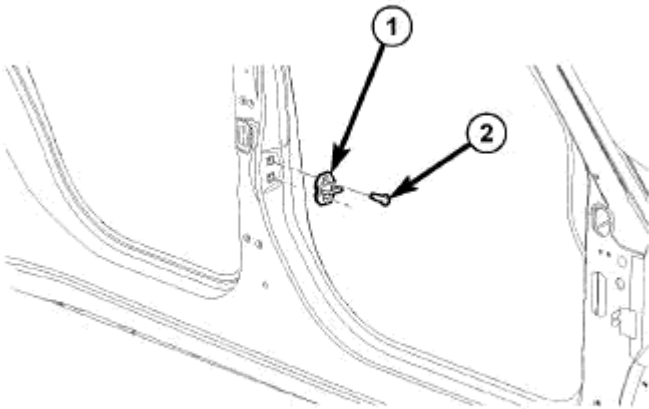
1. Position regulator on door module assembly and install mounting fasteners.
2. Install the power window motor. Refer to **Electrical - Power Systems/Power Windows/MOTOR, Window Regulator - Installation** .
3. Install the door module assembly. See **Body/Door - Front/PLATE, Carrier - Installation**.
4. Install door trim panel. See **Body/Door - Front/PANEL, Door Trim - Installation**.

STRIKER, DOOR LATCH

Removal

REMOVAL

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



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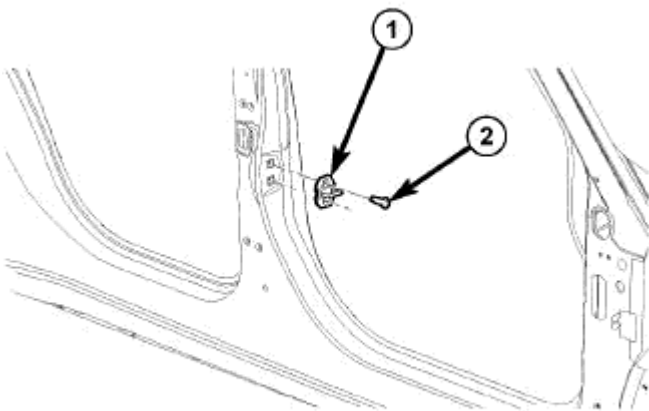
Fig. 44: Latch Striker

Courtesy of CHRYSLER LLC

1. Mark outline of door latch striker on B-pillar to aid in installation.
2. Remove mounting fasteners attaching door latch striker to B-pillar.
3. Remove latch striker from vehicle.

Installation

INSTALLATION



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Fig. 45: Latch Striker

Courtesy of CHRYSLER LLC

1. Position door latch striker and any shims on vehicle.
2. Loosely install mounting fasteners attaching latch striker to B-pillar.
3. Align latch striker to marks on B-pillar made previously.
4. Tighten all fasteners.
5. Verify door fit and operation. Adjust door latch striker as necessary. See **Body/Door - Front/LATCH, Door - Adjustments.**

DOORS - REAR

DOOR, REAR

Removal

REMOVAL

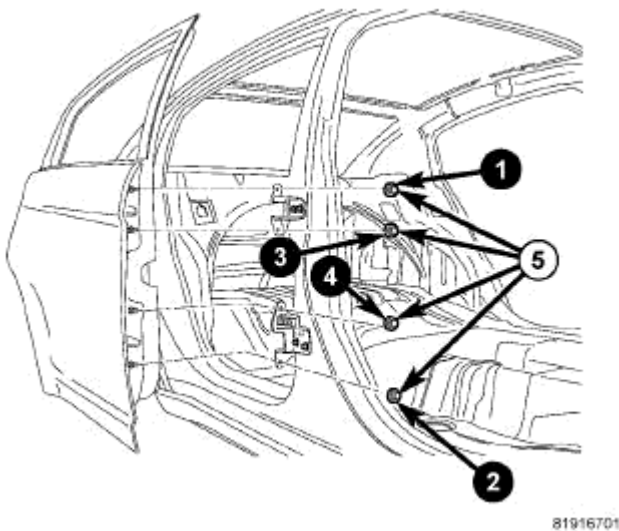


Fig. 46: Door Fasteners

Courtesy of CHRYSLER LLC

1. Open and support door on a suitable lifting device.
2. Mark hinges attachment locations with a grease pencil or other suitable device to aid installation.
3. Disengage wire connector at hinge B-pillar.
4. Remove the nuts attaching the door to the door hinges and remove the door from the vehicle.

Installation

INSTALLATION

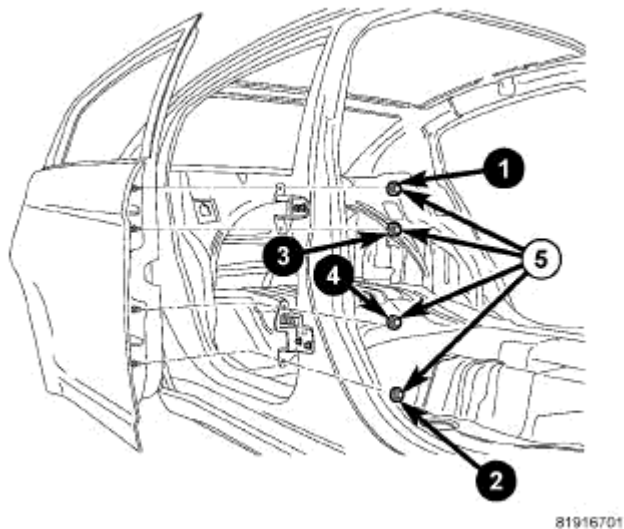


Fig. 47: DOOR FASTENERS

Courtesy of CHRYSLER LLC

1. Position door onto the door hinges and install the nuts. Tighten nuts to 13 N.m (115 in.lbs.)
2. Connect wire connector at hinge pillar.
3. Verify door fit and operation. Adjust the door for flushness and parallel gaps as necessary. See **Body/Door - Front/DOOR - Adjustments**.

Adjustments

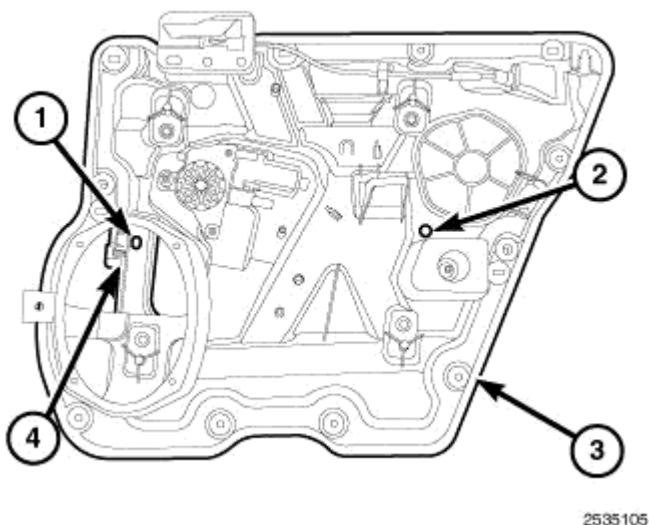
REAR DOOR

1. Align door to achieve equal spacing to surrounding body panels.
2. Panels should be flush across all gaps. See **Body/Body Structure/Gap and Flush - Specifications**.
3. If door needs to be adjusted Fore/Aft loosen B-pillar to hinge bolts.
4. If door needs to be adjusted In/Out loosen door to hinge nuts.
5. If door alignment can not be achieved, it maybe necessary to enlarge (drill) the hinge flange holes to 12.5 mm (1/2 inch).
6. This may allow extra movement to achieve the proper alignment.
7. Remove door and hinge as necessary.

GLASS, DOOR

Removal

REMOVAL

**Fig. 48: Glass Lift Plates**

Courtesy of CHRYSLER LLC

1. Remove door trim panel and re-install the window switches, if equipped. See **Body/Doors - Rear/PANEL, Rear Door Trim - Removal**
2. Remove the interior window trim molding. See **Body/Doors - Rear/MOLDING - Removal**
3. Remove the door speaker. Refer to **Electrical - Audio and Video/Audio and Video/SPEAKER - Removal**
4. Drill a hole large enough to get a small punch through into the carrier plate (2).
5. Lower glass to approximately mid position and line up the glass lift plates (4) with the holes (1 and 2).
6. Using a punch or equivalent, press tabs releasing glass from window regulator (1 and 2).
7. Remove glass from channel by rotating the front of the glass up 90° and carefully pulling the glass up and out of the door.

Installation**INSTALLATION**

1. With the front of the glass in the up position, carefully lower the glass into the door.
2. Slowly rotate the front of the glass downward 90° as the glass is being lowered into the glass run channels, making sure the glass is seated properly into the window weatherstrips.
3. Slide glass downward make sure the glass holes properly lock into snaps.
4. Install the interior window trim molding. See **Body/Doors - Rear/MOLDING - Installation**
5. Install the door speaker. Refer to **Electrical - Audio and Video/Audio and Video/SPEAKER - Installation**
6. Install door trim panel. See **Body/Doors - Rear/PANEL, Rear Door Trim - Installation**

HANDLE, EXTERIOR

Removal**REMOVAL**

1. Move the glass to the full up position.
2. Remove the door trim panel. See **Body/Doors - Rear/PANEL, Rear Door Trim - Removal.**
3. Disconnect the link rod from the door handle.
4. Remove the mounting fasteners.
5. Remove the handle from the door.

Installation**INSTALLATION**

1. Place the door handle into position in the door.
2. Install the mounting fasteners.
3. Connect the link rod to the door handle.
4. Install the door trim panel. See **Body/Doors - Rear/PANEL, Rear Door Trim - Installation.**
5. Verify proper operation.

HANDLE, INTERIOR**Removal****REMOVAL**

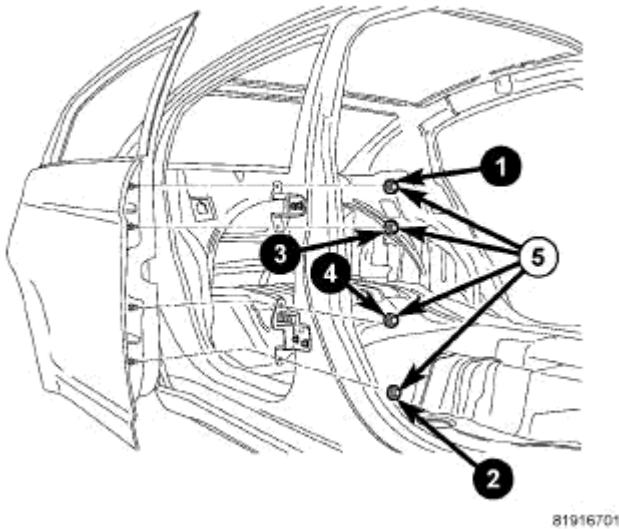
1. Remove the door trim panel. See **Body/Doors - Rear/PANEL, Rear Door Trim - Removal.**
2. Remove the mounting fastener.
3. Disconnect the door handle cable from the interior handle.
4. Remove the handle.

Installation**INSTALLATION**

1. Connect the interior door handle cable.
2. Align the handle to the door module assembly.
3. Install the mounting fastener.
4. Install the door trim panel. See **Body/Doors - Rear/PANEL, Rear Door Trim - Installation.**
5. Verify proper operation.

HINGE, DOOR**Removal**

REMOVAL

**Fig. 49: Door Fasteners**

Courtesy of CHRYSLER LLC

1. Remove the door. See **Body/Doors - Rear/DOOR, Rear - Removal**.
2. Mark hinge attachment locations with a grease pencil or other suitable device on the B-pillar.
3. Remove the nuts and remove the hinges.

Installation

INSTALLATION

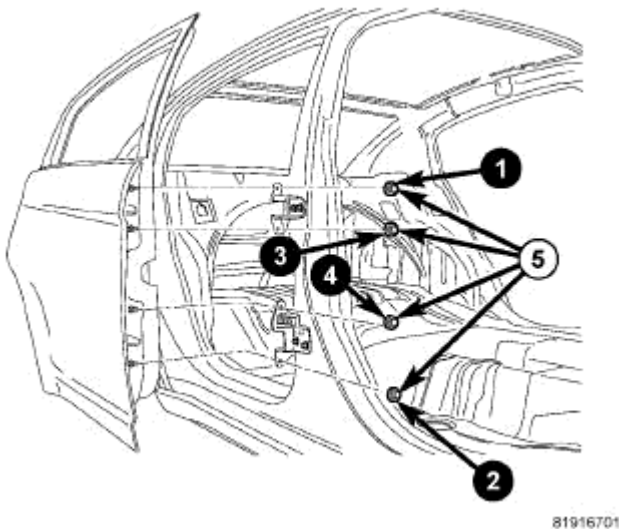


Fig. 50: Door Fasteners

Courtesy of CHRYSLER LLC

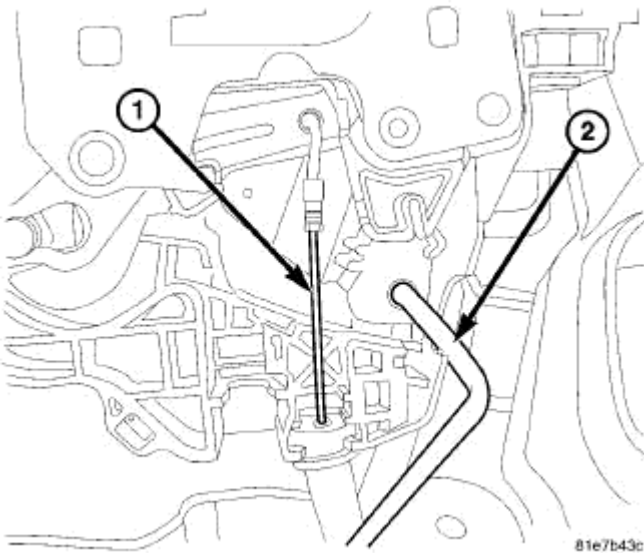
NOTE: If necessary, paint new door hinge prior to installation.

1. Loosely install bolts attaching hinge to lower B-pillar.
2. Align hinge to marks made previously and tighten bolts and nuts to 28 N.m (20 ft. lbs.).
3. Install the rear door. See **Body/Doors - Rear/DOOR, Rear - Installation.**
4. Verify door fit and operation. Adjust door hinge for proper door alignment, as necessary. See **Body/Doors - Rear/DOOR, Rear - Adjustments.**

LATCH, DOOR

Removal

REMOVAL

**Fig. 51: Latch Cable & Rods**

Courtesy of CHRYSLER LLC

1. Remove the door trim panel. See **Body/Doors - Rear/PANEL, Rear Door Trim - Removal.**
2. Remove the door module assembly.
3. Remove the latch assembly from the rear of the door module by disengaging the clips.
4. Disconnect the latch cable and rods from the latch assembly.

Installation

INSTALLATION

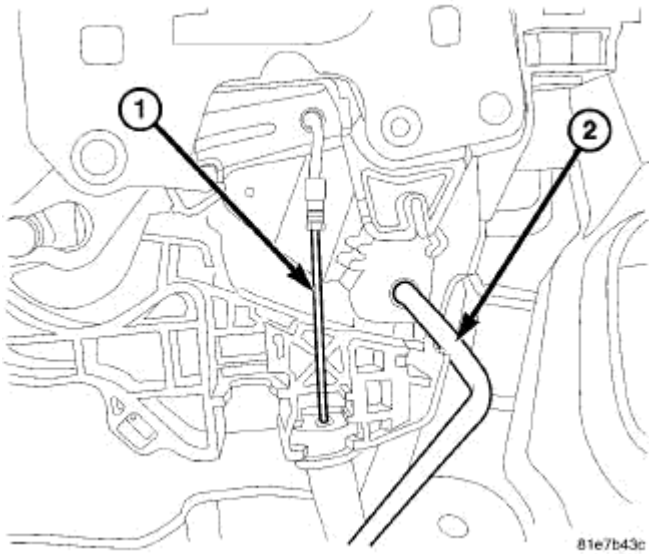


Fig. 52: Latch Cable & Rods

Courtesy of CHRYSLER LLC

1. Position the latch assembly to the door module.
2. Connect the latch cable and rods to the latch assembly.
3. Snap the latch assembly into place onto the door module.
4. Install the door module.
5. Install the door trim panel. See **Body/Doors - Rear/PANEL, Rear Door Trim - Installation.**
6. Verify proper operation and adjust as necessary. See **Body/Doors - Rear/LATCH, Door - Adjustments.**

Adjustments

ADJUSTMENTS

1. Insert a suitable Allen wrench through the elongated slot in door end frame and loosen bolt 1/2 to one full turn.
2. Cycle outside door handle twice.
3. Tighten adjusting screw.
4. Verify latch operation.

MOLDING, INTERIOR WINDOW TRIM

Removal

REMOVAL

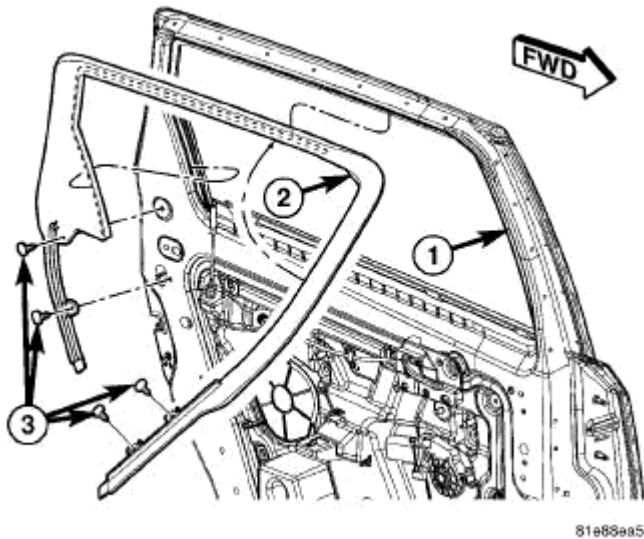


Fig. 53: Interior Window Trim Molding
Courtesy of CHRYSLER LLC

1. Remove the door trim panel. See **Body/Doors - Rear/PANEL, Rear Door Trim - Removal.**
2. Remove the push-pin style retainers (3) from the front and rear of the interior window trim molding (2).
3. Remove the window trim molding from the rear door (1).

Installation

INSTALLATION

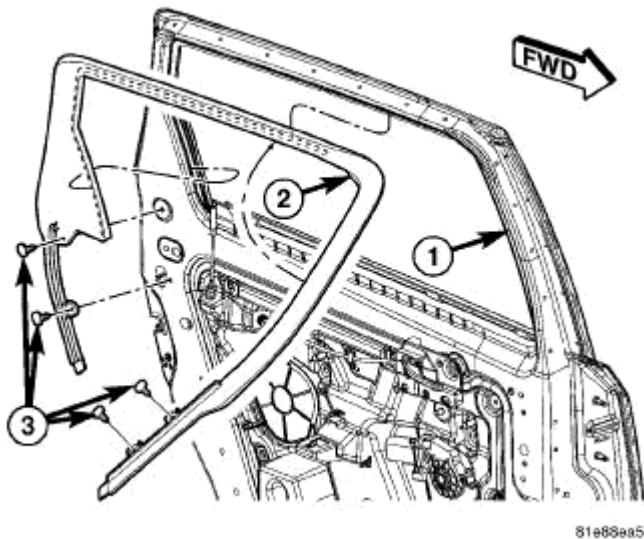


Fig. 54: Interior Window Trim Molding
Courtesy of CHRYSLER LLC

1. Position the interior window trim molding (2) to the door (1).
2. Install the push-pin style fasteners (3) to the front and rear of the molding.
3. Install the door trim panel.

MOLDING, OUTER BELT

Removal

REMOVAL

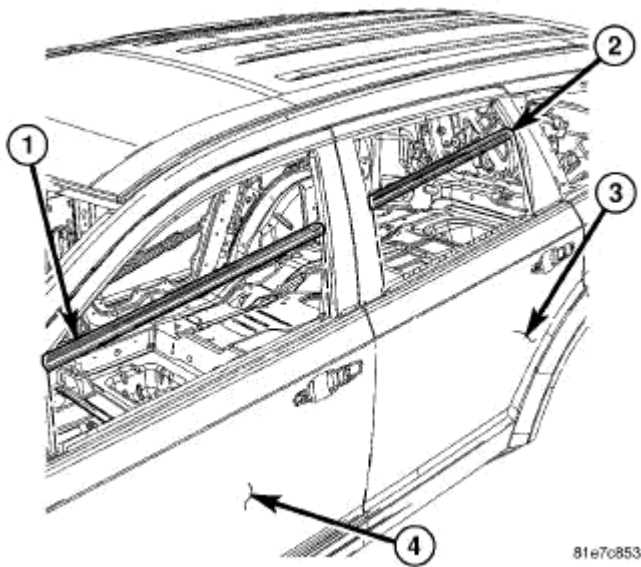


Fig. 55: Front Door Belt Molding
Courtesy of CHRYSLER LLC

1. Lower the window to the full down position.
2. Remove the rear door trim panel. See **Body/Doors - Rear/PANEL, Rear Door Trim - Removal**.
3. Remove the front and rear mounting fasteners.
4. Remove the rear door belt molding (2) by carefully pulling up on the molding and remove from the rear door (3).

Installation

INSTALLATION

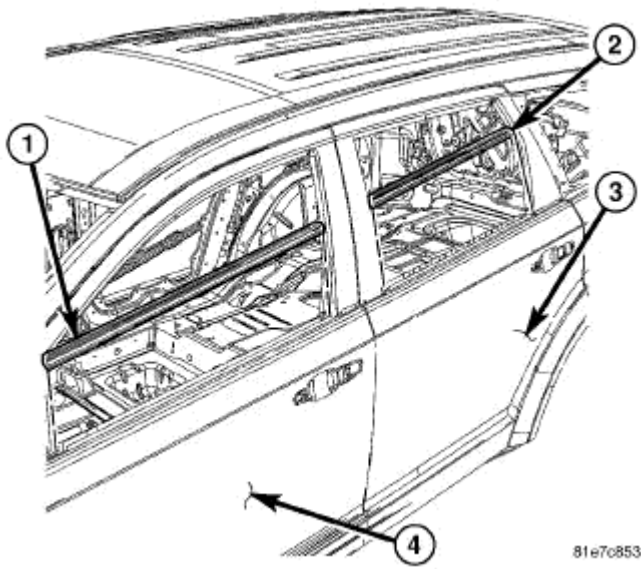


Fig. 56: Front Door Belt Molding

Courtesy of CHRYSLER LLC

1. Install the rear door belt molding (2) to the rear door (3).
2. Install the front and rear mounting fasteners.
3. Install the rear door trim panel. See **Body/Doors - Rear/PANEL, Rear Door Trim - Installation.**
4. Verify proper window operation.

PANEL, REAR DOOR TRIM

Removal

REMOVAL

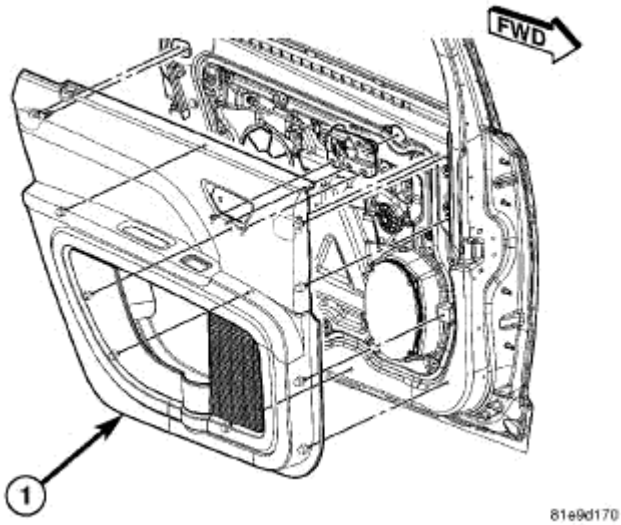


Fig. 57: Trim Panel From Door Assembly
Courtesy of CHRYSLER LLC

1. Remove fastener located in pull handle.
2. Remove fastener near inside door handle.
3. Using trim stick C-4755 or equivalent, gently pry upward on door trim panel (1) disengaging trim panel from door run.
4. Disconnect the power window switch if equipped.
5. Remove trim panel from door assembly.

Installation

INSTALLATION

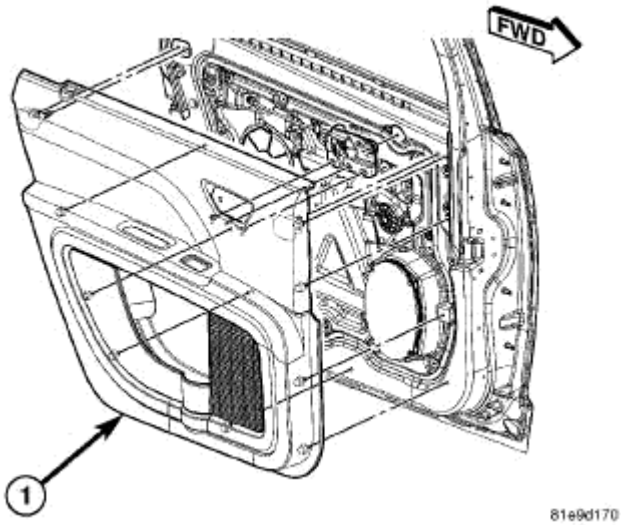


Fig. 58: Trim Panel From Door Assembly
Courtesy of CHRYSLER LLC

1. Install trim panel (1) to door assembly.
2. Connect the power window switch if equipped.
3. Install fastener located in pull handle.
4. Install fastener near inside door handle.

PLATE, CARRIER

Removal

REMOVAL

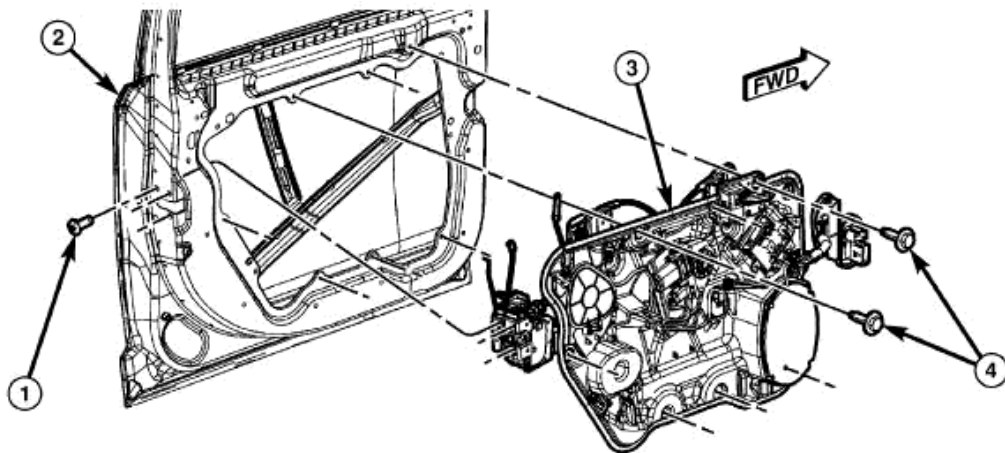


Fig. 59: Door Module & Door Latch Assembly
Courtesy of CHRYSLER LLC

1. Remove the door trim panel. See **Body/Doors - Rear/PANEL, Rear Door Trim - Removal.**
2. Remove the rear door window. See **Body/Doors - Rear/GLASS, Door - Removal.**
3. Disconnect the electrical connectors on the door module and the door latch assembly.
4. Remove the wiring harness from the door module.
5. Disconnect the exterior door handle connecting rods.
6. Remove the door latch fasteners (1).
7. Remove the door module mounting fasteners (4).
8. Carefully remove the door module (3) by raising the front and lowering the rear of the door module while pulling away from the door.

Installation

INSTALLATION

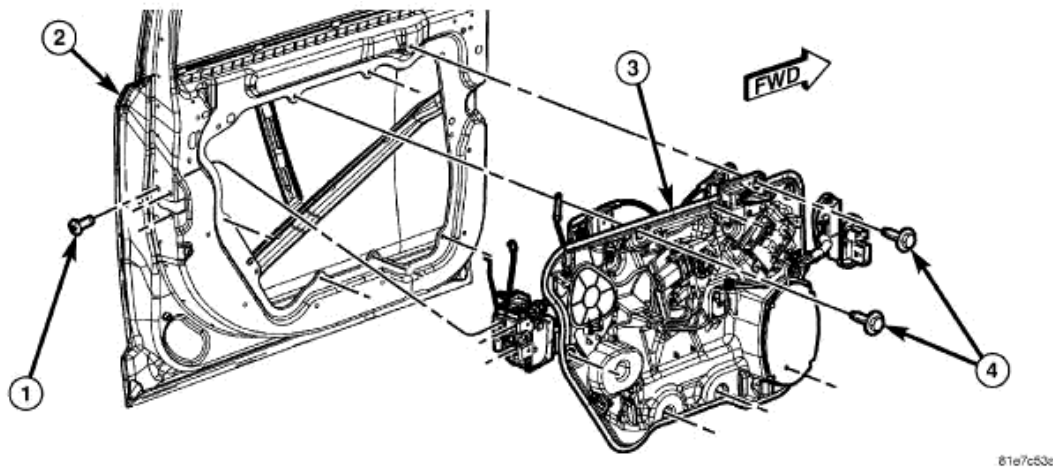


Fig. 60: Door Module & Door Latch Assembly
Courtesy of CHRYSLER LLC

1. Position the door module (3) into the door (2).
2. Install the door module mounting fasteners (4).
3. Install the door latch fasteners (1).
4. Connect the exterior door handle connecting rods.
5. Install the wiring harness to the door module and connect all electrical connectors.
6. Install the rear door window. See **Body/Doors - Rear/GLASS, Door - Installation.**
7. Install the door trim panel. See **Body/Doors - Rear/PANEL, Rear Door Trim - Installation.**
8. Verify latch adjustments and adjust as necessary. See **Body/Door - Front/LATCH, Door - Adjustments.**

REGULATOR, WINDOW

Removal

REMOVAL

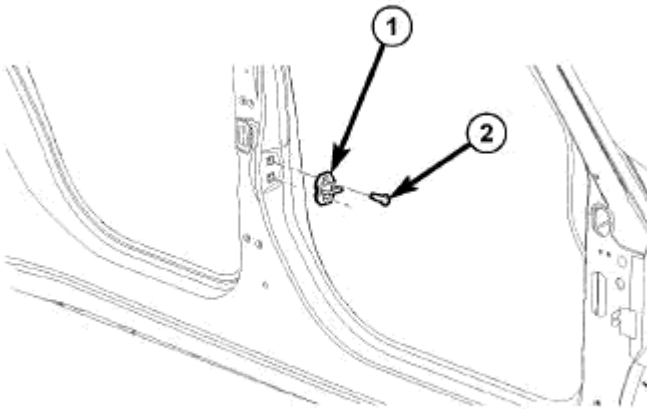
1. Remove door trim panel. See **Body/Doors - Rear/PANEL, Rear Door Trim - Removal**.
2. Remove the door module assembly. See **Body/Doors - Rear/PANEL, Rear Door Trim - Removal**.
3. Remove the power window lift motor. Refer to **Electrical - Power Systems/Power Windows/MOTOR, Window Regulator - Removal**
4. Remove the regulator mounting fasteners.
5. Remove regulator from door module assembly.

Installation**INSTALLATION**

1. Install regulator to door module assembly.
2. Install the regulator mounting fasteners.
3. Install the power window lift motor. Refer to **Electrical - Power Systems/Power Windows/MOTOR, Window Regulator - Removal** .
4. Install the door module assembly. Refer to **Electrical - Power Systems/Power Windows/MOTOR, Window Regulator - Removal** .
5. Install door trim panel. Refer to **Electrical - Power Systems/Power Windows/MOTOR, Window Regulator - Removal** .
6. Verify Proper operation of the window.

STRIKER, DOOR LATCH**Removal****REMOVAL**

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



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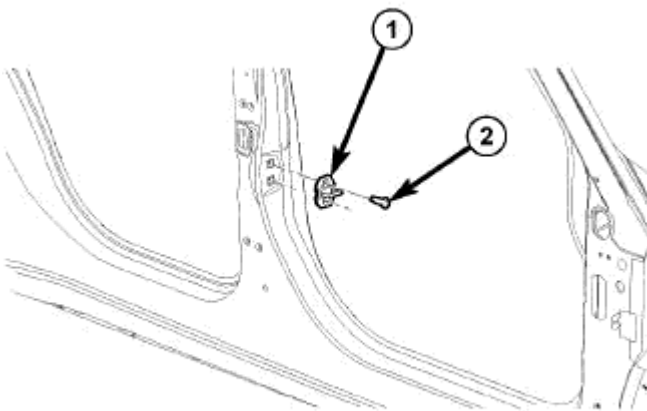
Fig. 61: Latch Striker

Courtesy of CHRYSLER LLC

1. Mark outline of door latch striker on C-pillar.
2. Remove bolts attaching door latch striker to C-pillar.
3. Remove door latch striker from vehicle.

Installation

INSTALLATION



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Fig. 62: Latch Striker

Courtesy of CHRYSLER LLC

1. Position door latch striker and any shims on vehicle.
2. Loosely install screws attaching latch striker to C-pillar.
3. Align latch striker to marks on C-pillar and tighten bolts to 20 N.m (14.8 ft. lbs.).
4. Verify door fit and operation. Adjust door latch striker as necessary. See **Body/Doors - Rear/LATCH, Door - Adjustments**

EXTERIOR

BRACE, WHEELHOUSE

Removal

REMOVAL

1. Open the hood.

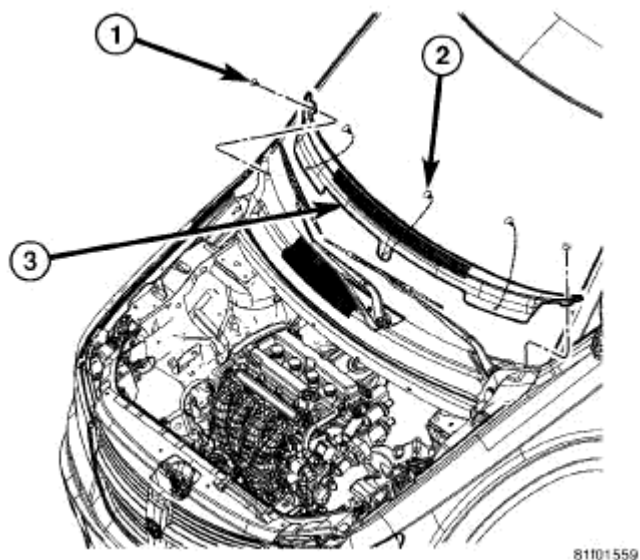


Fig. 63: COWL TOP SCREEN
Courtesy of CHRYSLER LLC

2. Remove the two push-pins (1) securing the cowl top screen at the ends. Remove the remaining push-pins (2). Remove the cowl top screen (3).
3. Remove the wiper arms. Refer to **Electrical - Wipers/Washers/Wipers/Washers/ARM, Wiper - Removal**

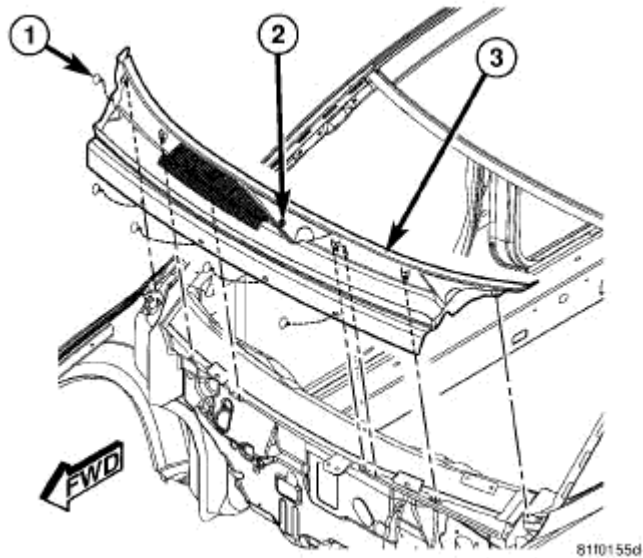


Fig. 64: COWL SCREEN

Courtesy of CHRYSLER LLC

4. Remove the push-pins (1) securing the cowl screen to the wheelhouse brace and cowl. Rotate the screw (2) in the center of the cowl screen 90° clockwise to release the screen. Remove the cowl screen (3).

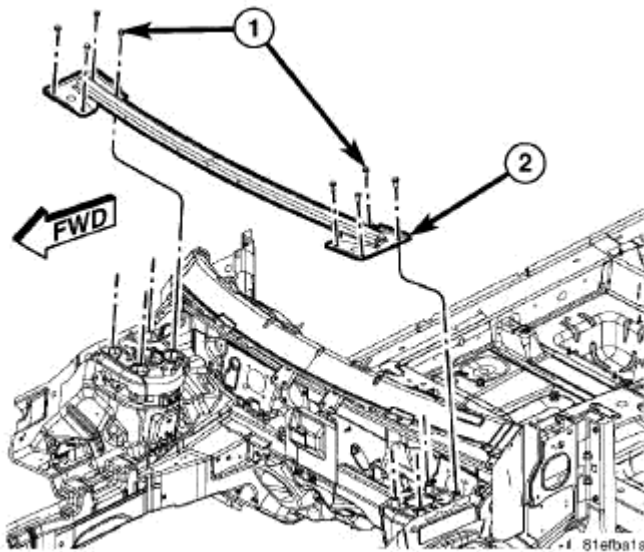


Fig. 65: WHEELHOUSE BRACE

Courtesy of CHRYSLER LLC

5. Remove the eight mounting bolts (four each side) (1) securing the wheel house brace to the strut towers.
6. Remove the wheelhouse brace (2).

Installation

INSTALLATION

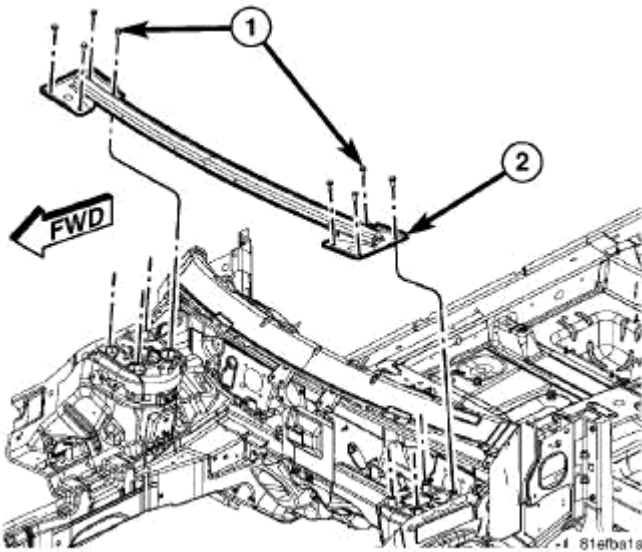


Fig. 66: WHEELHOUSE BRACE
Courtesy of CHRYSLER LLC

1. Install the wheelhouse brace (2). Install and tighten the eight mounting bolts (four each side) (1) to 48 N.m (35 ft. lbs.).

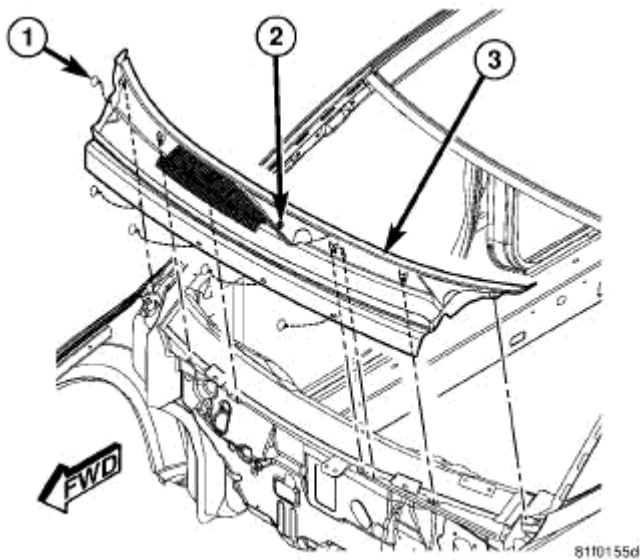


Fig. 67: COWL SCREEN
Courtesy of CHRYSLER LLC

2. Install the cowl screen. Install the push-pins (1) securing the cowl screen to the wheelhouse brace and cowl. Rotate the screw (2) in the center of the cowl screen 90° counterclockwise to lock the screen in

place.

3. Install the wiper arms. Refer to **Electrical - Wipers/Washers/Wipers/Washers/ARM, Wiper - Installation**

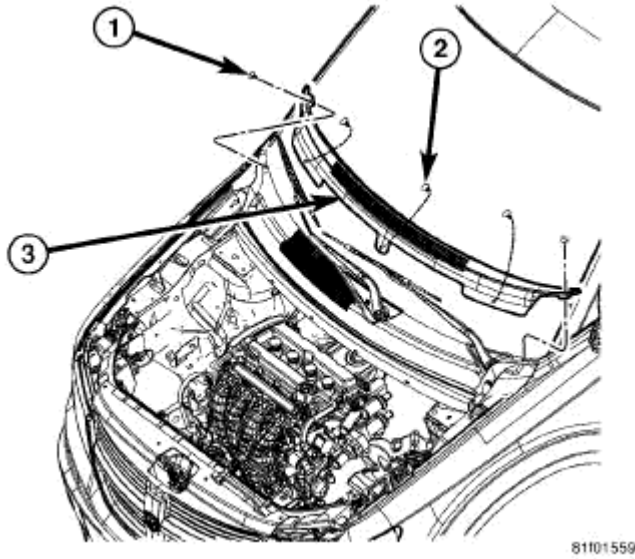


Fig. 68: COWL TOP SCREEN

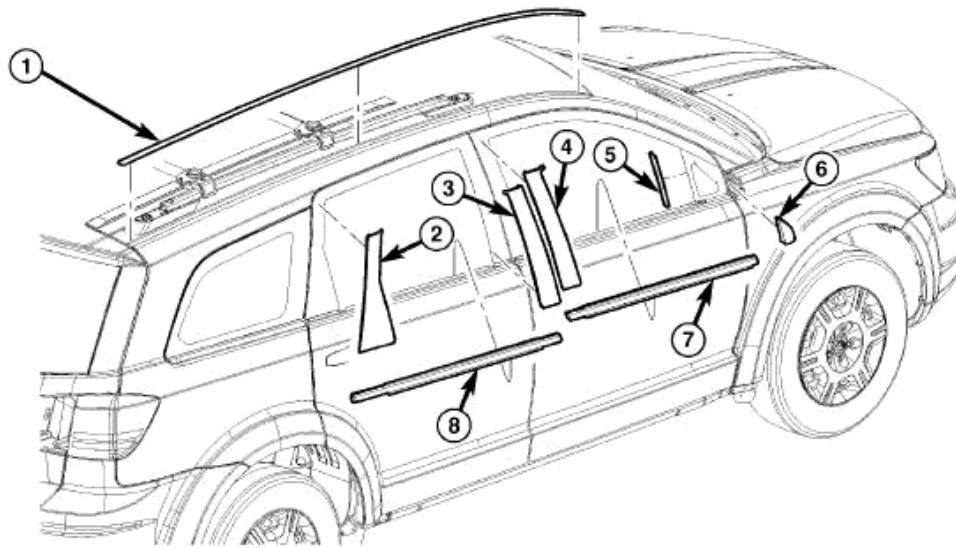
Courtesy of CHRYSLER LLC

4. Install the cowl top screen (3). Install the two push-pins (1) securing the cowl top screen at the ends. Install the remaining push-pins (2).

CLADDING, BODY

Removal

REMOVAL



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Fig. 69: Body Cladding

Courtesy of CHRYSLER LLC

1. Molding, Roof	5. Tape, A-pillar Molding
2. Tape, C-pillar Molding	6. Applique, Exterior Mirror
3. Tape, B-pillar Rear Molding	7. Molding, Front Window Belt
4. Tape, B-pillar Front Molding	8. Molding, Rear Window Belt

1. Warm the effected adhesive type molding and body metal to approximately 38°C (100°F) using a suitable heat lamp or heat gun.
2. Pull stick-on molding from painted surface.

Installation**INSTALLATION**

1. Clean body surface with MOPAR® Super Kleen solvent or equivalent. Wipe surface dry with lint free cloth.
2. Remove protective cover from tape on back of molding. Apply molding to body below the masking tape guide.
3. Remove masking tape guide and firmly press molding to body surface to assure adhesion.

COVER, COWL PANEL, INNER**Removal****REMOVAL**

1. Open the hood.

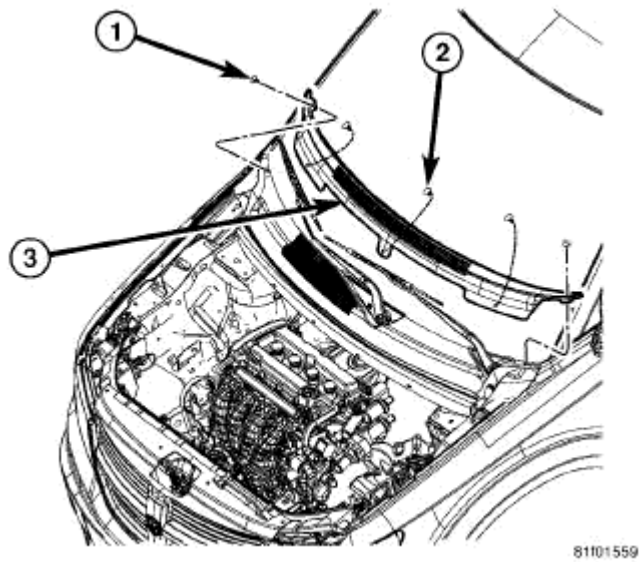


Fig. 70: COWL TOP SCREEN
Courtesy of CHRYSLER LLC

2. Remove the two push-pins (1) securing the cowl top screen at the ends. Remove the remaining push-pins (2). Remove the cowl top screen (3).
3. Remove the wiper arms. Refer to **Electrical - Wipers/Washers/Wipers/Washers/ARM, Wiper - Removal**

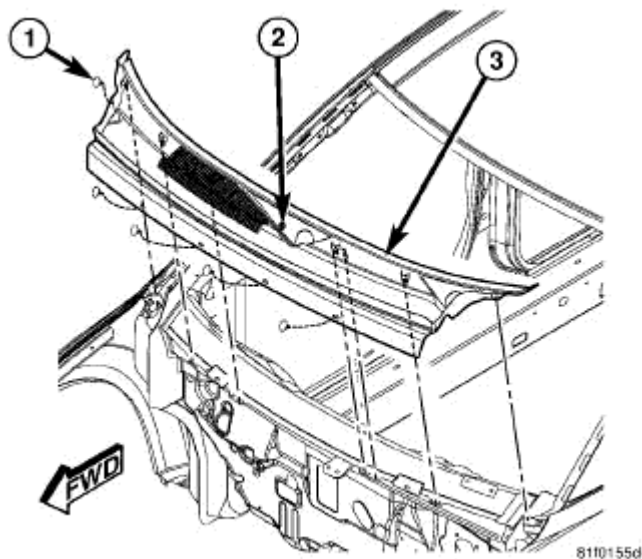


Fig. 71: COWL SCREEN
Courtesy of CHRYSLER LLC

4. Remove the push-pins (1) securing the cowl screen to the wheelhouse brace and cowl. Rotate the screw (2) in the center of the cowl screen 90° clockwise to release the screen.

5. Remove the cowl screen (3).

Installation

INSTALLATION

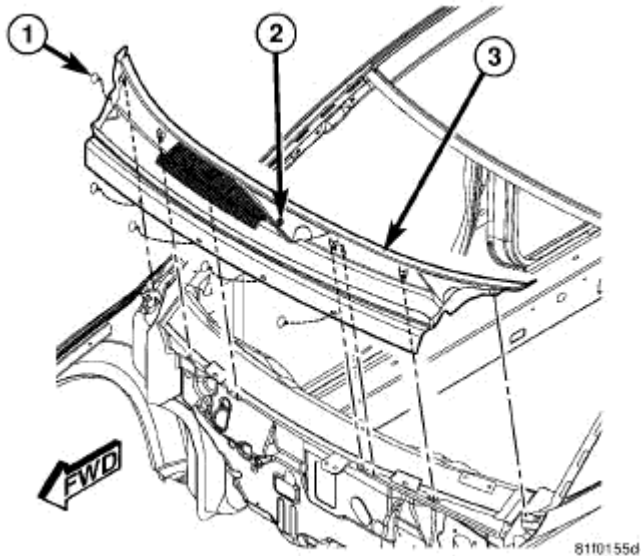


Fig. 72: COWL SCREEN

Courtesy of CHRYSLER LLC

1. Install the cowl screen. Install the push-pins (1) securing the cowl screen to the wheelhouse brace and cowl. Rotate the screw (2) in the center of the cowl screen 90° counterclockwise to lock the screen in place.
2. Install the wiper arms. Refer to **Electrical - Wipers/Washers/Wipers/Washers/ARM, Wiper - Installation**

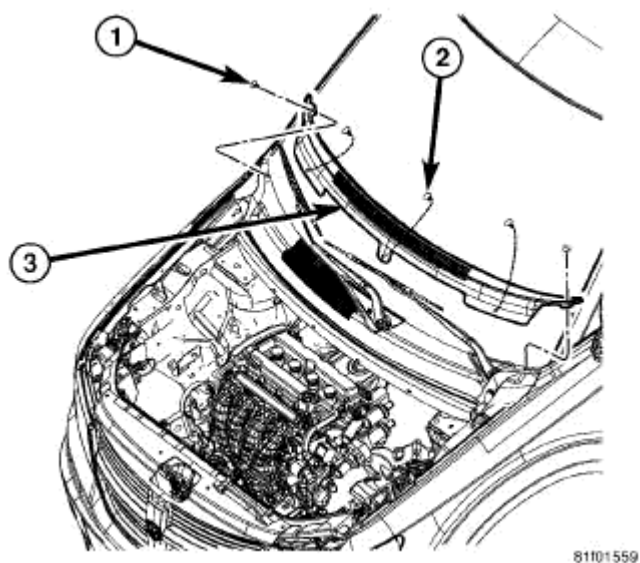


Fig. 73: COWL TOP SCREEN
Courtesy of CHRYSLER LLC

3. Install the cowl top screen (3). Install the two push-pins (1) securing the cowl top screen at the ends. Install the remaining push-pins (2).

COVER, COWL PANEL, OUTER

Removal

REMOVAL

1. Open the hood.

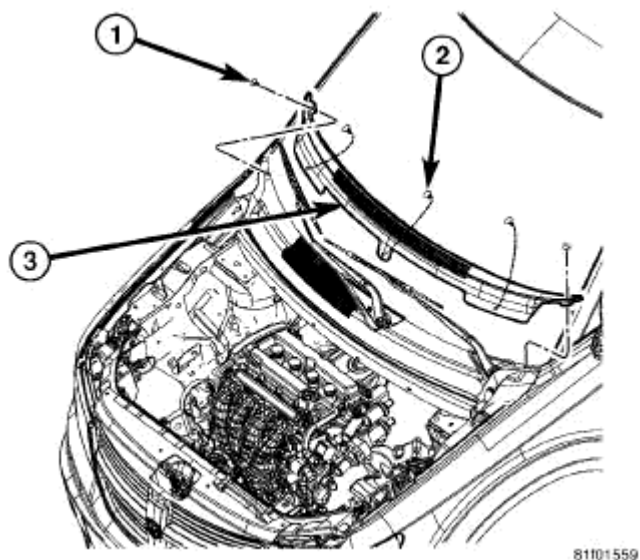
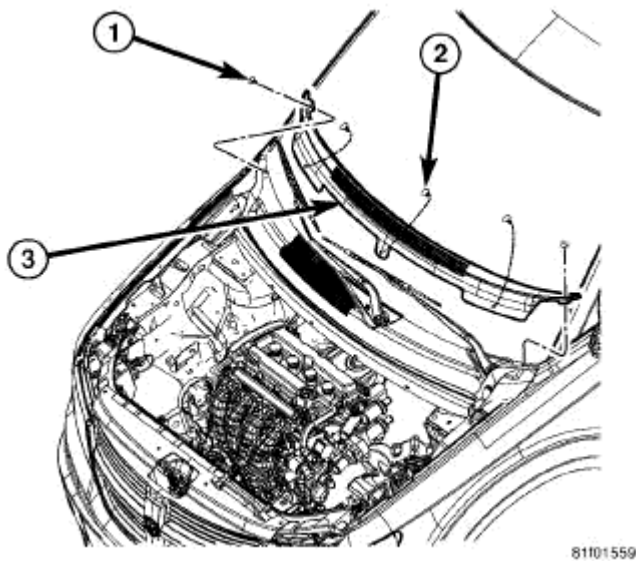


Fig. 74: COWL TOP SCREEN

Courtesy of CHRYSLER LLC

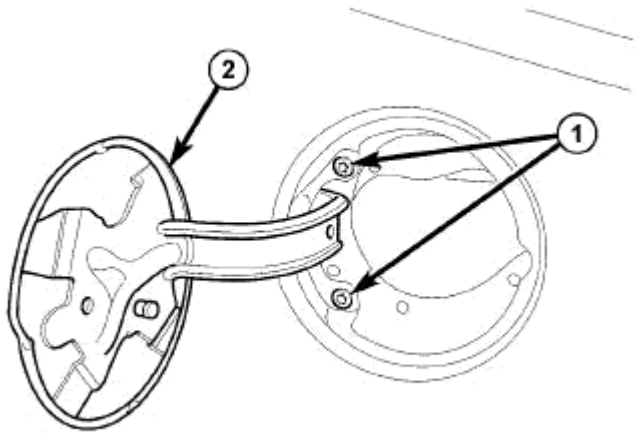
2. Remove the two push-pins (1) securing the cowl top screen at the ends. Remove the remaining push-pins (2).
3. Remove the cowl top screen (3).

Installation**INSTALLATION****Fig. 75: COWL TOP SCREEN**

Courtesy of CHRYSLER LLC

1. Position the cowl top screen (3).
2. Install the two push-pins (1) securing the cowl top screen at the ends. Install the remaining push-pins (2).

DOOR, FUEL FILL**Removal****REMOVAL**



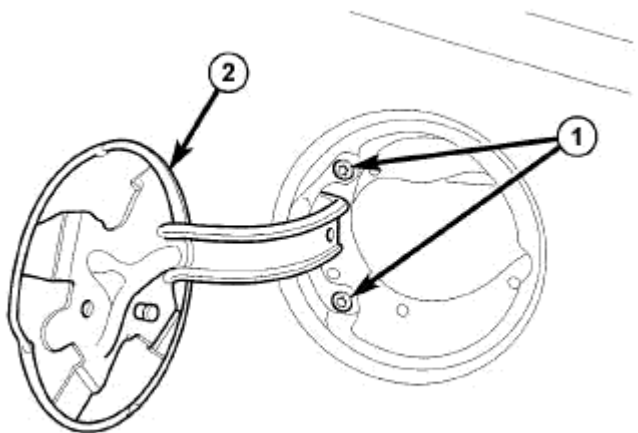
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Fig. 76: FUEL FILLER DOOR
Courtesy of CHRYSLER LLC

1. Open fuel filler door (2).
2. Remove the two Torx screws (1).
3. Remove fuel filler door (2) from vehicle.

Installation

INSTALLATION



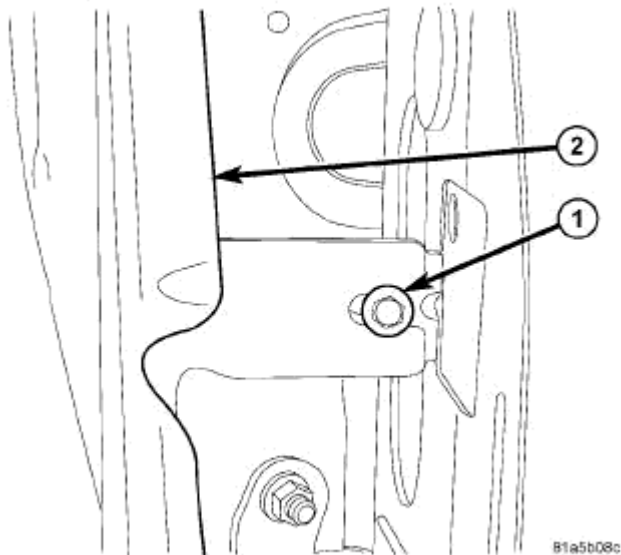
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Fig. 77: FUEL FILLER DOOR
Courtesy of CHRYSLER LLC

1. Place fuel filler door (2) into position.
2. Install the two Torx screws (1).
3. Ensure that door operates properly.

FENDER, FRONT**Removal****REMOVAL**

1. Remove fascia. Refer to **Frame and Bumpers/Bumpers/FASCIA, Front - Removal**
2. Remove headlamp assembly. Refer to **Electrical - Lamps and Lighting/Lamps/Lighting - Exterior/UNIT, Front Lamp - Removal**.
3. Remove inner splash shield. See **Body/Exterior/SHIELD, Splash - Removal**.

**Fig. 78: FENDER DOG LEG TO BODY****Courtesy of CHRYSLER LLC**

4. Remove fender (2) dogleg to body fastener (1).

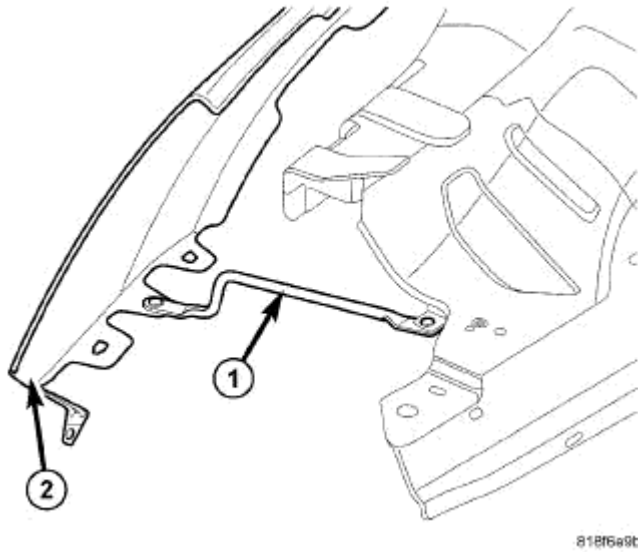


Fig. 79: FENDER SUPPORT BRACKET
Courtesy of CHRYSLER LLC

5. Remove fender brace (1).
6. Remove fender fastener to lower rocker panel.

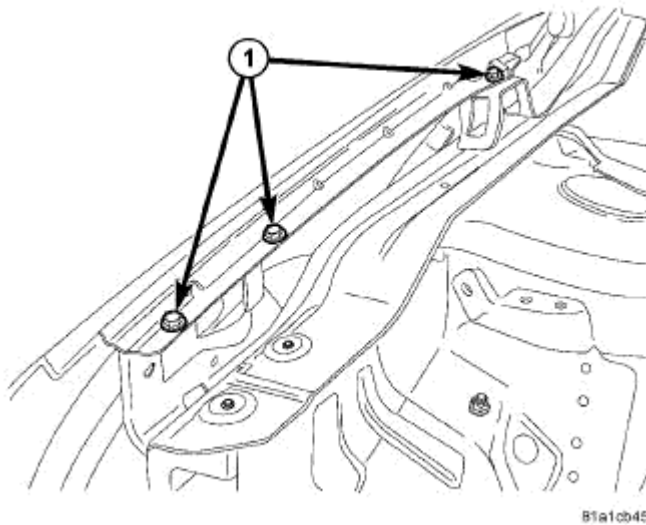


Fig. 80: UPPER FENDER FASTENERS
Courtesy of CHRYSLER LLC

7. Remove fasteners attaching fender to upper rail.
8. Remove fender from vehicle.

Installation

INSTALLATION

1. Place fender in position on vehicle.

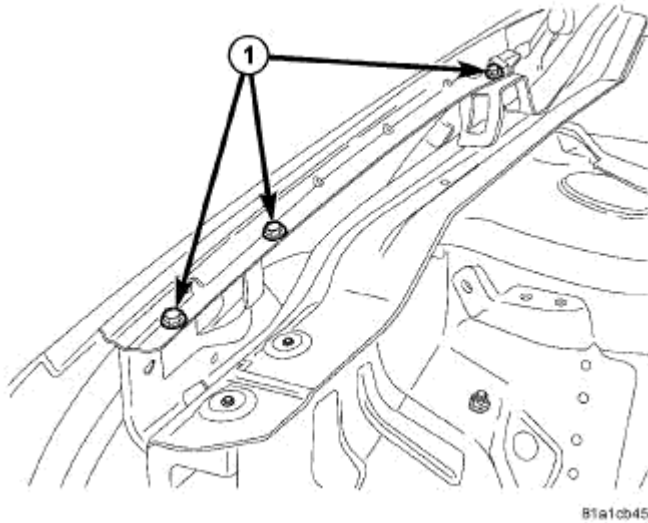


Fig. 81: UPPER FENDER FASTENERS
Courtesy of CHRYSLER LLC

2. From inside engine compartment, start the center upper rail bolt. Install all the fasteners (1) attaching fender to upper rail and tighten.

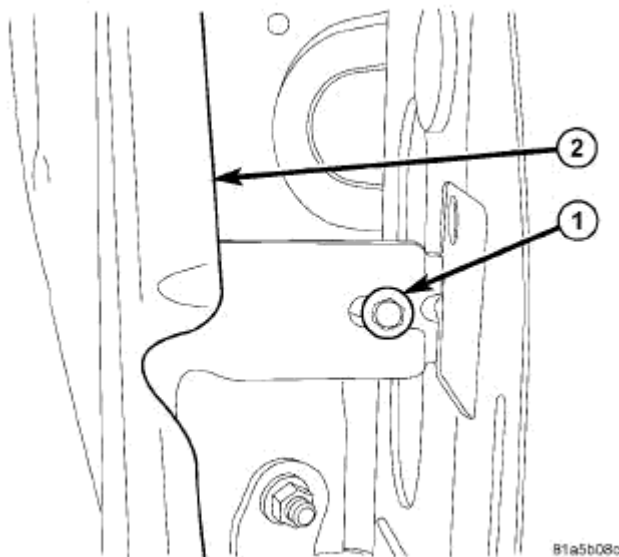


Fig. 82: FENDER DOG LEG TO BODY
Courtesy of CHRYSLER LLC

3. Install fender to lower cowl panel bolt.
4. Install fender to rocker panel bolt.
5. Place fascia into position.

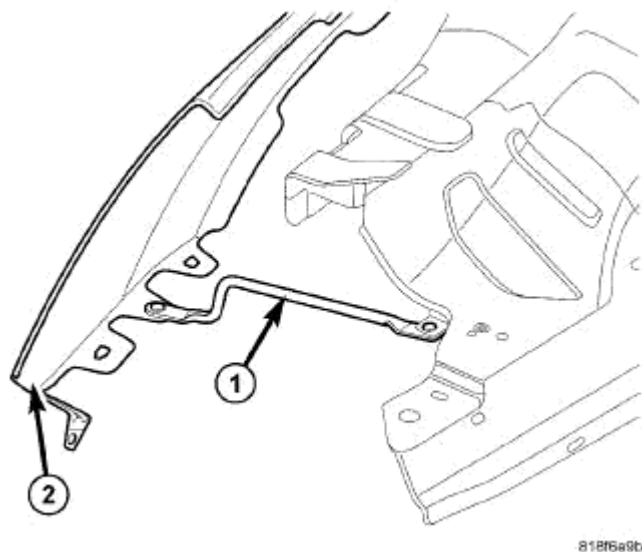


Fig. 83: FENDER SUPPORT BRACKET
Courtesy of CHRYSLER LLC

6. Install fender to fascia brace (1) fastener.
7. Install inner splash shields. See **Body/Exterior/SHIELD, Splash - Installation**.
8. Install headlamp assembly. Refer to **Electrical - Lamps and Lighting/Lamps/Lighting - Exterior/UNIT, Front Lamp - Installation**.
9. Check fender for flush and gap.
10. Continue to install fascia. Refer to **Frame and Bumpers/Bumpers/FASCIA, Front - Installation**.

GRILLE

Description

DESCRIPTION

The grille is removed as part of the front fascia. Refer to **Frame and Bumpers/Bumpers/FASCIA, Front - Removal**.

MIRROR, OUTSIDE REARVIEW

Removal

REMOVAL

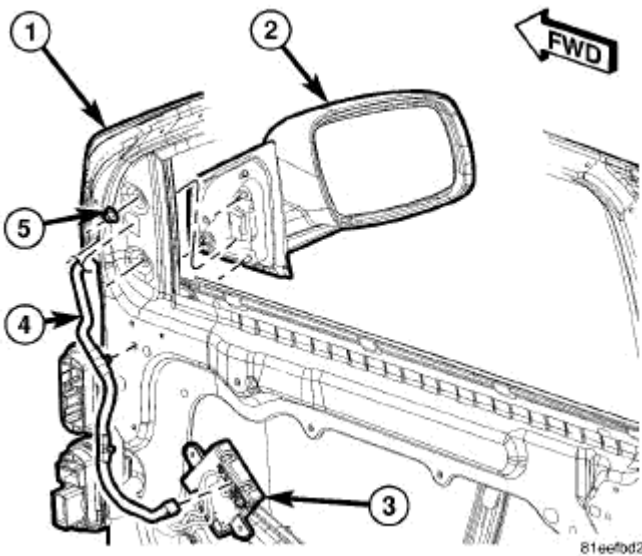


Fig. 84: Rearview Outside Mirror
Courtesy of CHRYSLER LLC

1. Remove the door trim panel. See **Body/Door - Front/PANEL, Door Trim - Removal**.
2. Remove the interior window trim molding as necessary to gain access to the mounting fasteners. See **Body/Door - Front/MOLDING - Removal**.
3. Disconnect power window mirror motor wire connector, if so equipped.
4. Disconnect manual mirror adjuster from side mirror cover, if so equipped.
5. Remove nuts attaching side view mirror to mirror flag.
6. Remove side view mirror from vehicle.

Installation

INSTALLATION

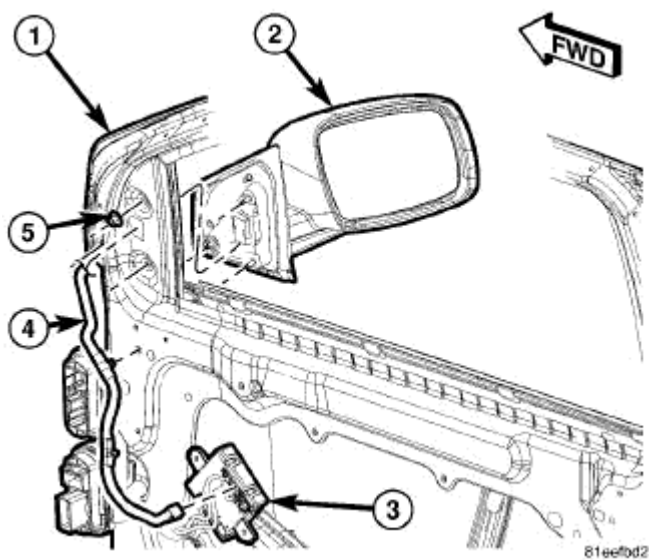


Fig. 85: Rearview Outside Mirror
 Courtesy of CHRYSLER LLC

1. Feed power mirror wire harness through hole in mirror flag and seat grommet. Do not pull on wire harness to seat grommet, if so equipped.
2. Position side view mirror to vehicle.
3. Install nuts attaching side view mirror to mirror flag.
4. Engage push in fastener attaching power mirror wire connector to inner door panel, if so equipped.
5. Engage power mirror motor wire connector.
6. Install the interior window trim molding.
7. Install door trim panel. See **Body/Door - Front/PANEL, Door Trim - Installation.**

MIRROR, OUTSIDE REARVIEW, GLASS

Removal

REMOVAL

WARNING: Always wear eye and hand protection when servicing the mirror assembly. Failure to observe these warnings may result in personal injury from broken glass.

1. Carefully pull/pry the broken glass holder from the mirror assembly.
2. Disconnect the heated mirror electrical connectors from the terminals on the mirror glass holder, if equipped.

Installation

INSTALLATION

CAUTION: It is important to make sure the motor is square to the glass holder (attaching fingers) prior to glass holder attachment, otherwise the glass holder could be installed incorrectly causing poor retention and possible repeat failure.

1. Position the new mirror glass holder to the mirror assembly.

NOTE: Position the mirror glass holder so that the moisture drain hole on the mirror glass holder assembly is facing downward.

2. Align the mirror glass holder's attaching fingers to the mirror motor housing.

NOTE: Ensure that the protective rubber cover of the mirror motor housing is positioned correctly around the bottom of the fingers area.

3. Using one hand, firmly press the mirror glass holder assembly into place while at the same time supporting the housing assembly from the backside with the other hand.

NOTE: Pressure must be applied equally over the center portion of the mirror to engage the mirror glass holder's attaching fingers to the corresponding fingers on the housing assembly. One or more clicks may be heard when finger engagement takes place.

4. Verify retention of the mirror glass holder assembly by gently pulling outward on the mirror glass holder.

NAMEPLATE

Removal

REMOVAL

NOTE: Exterior nameplates are attached to body panels with adhesive tape.

1. Apply a length of masking tape on the body, parallel to the top edge of the nameplate to use as a guide, if necessary.
2. If temperature is below 21°C (70°F) warm emblem with a heat lamp or gun. Do not exceed 52°C (120°F) when heating emblem.
3. Insert a plastic trim stick or a hard wood wedge behind the emblem to separate the adhesive backing from the body.
4. Clean adhesive residue from body with MOPAR® Super Kleen solvent or equivalent.

Installation

INSTALLATION

1. Remove carrier from adhesive tape on back of emblem.
2. Position emblem properly on body.
3. Press emblem firmly to body with palm of hand.
4. If temperature is below 21°C (70°F) warm emblem with a heat lamp or gun to assure adhesion. Do not exceed 52°C (120°F) when heating emblem.

RACK, LUGGAGE

Removal

REMOVAL

1. Remove the luggage rack crossbars.
2. Remove the front and rear covers of the luggage rack rails.
3. Remove the mounting fasteners.
4. Carefully remove the luggage rack rails from the top of the vehicle.

Installation

INSTALLATION

1. Carefully install the luggage rack rails to the top of the vehicle.
2. Install the mounting fasteners.
3. Install the front and rear covers of the luggage rack rails.
4. Install the luggage rack crossbars.

SHIELD, SPLASH, FRONT WHEELHOUSE

Removal

REMOVAL

NOTE: The front splash shields are a two piece assembly.

1. Remove the appropriate front wheel. Refer to **Tires and Wheels - Removal**
2. Remove push pins.
3. Remove fasteners.
4. Remove splash shield from wheel well.

Installation

INSTALLATION

1. Place splash shield up to wheelhouse opening.

2. Install push pins.
3. Install fasteners.
4. Install the front wheel. Refer to **Tires and Wheels - Installation** .

SHIELD, SPLASH, REAR WHEELHOUSE

Removal

REMOVAL

1. Remove the appropriate rear wheel. Refer to **Tires and Wheels - Removal** .
2. Remove push pins.
3. Remove fasteners.
4. Remove splash shield from wheel well.

Installation

INSTALLATION

1. Place splash shield up to wheelhouse opening.
2. Install push pins.
3. Install fasteners.
4. Install the rear wheel. Refer to **Tires and Wheels - Installation** .

HOOD

CABLE, HOOD RELEASE

Removal

REMOVAL

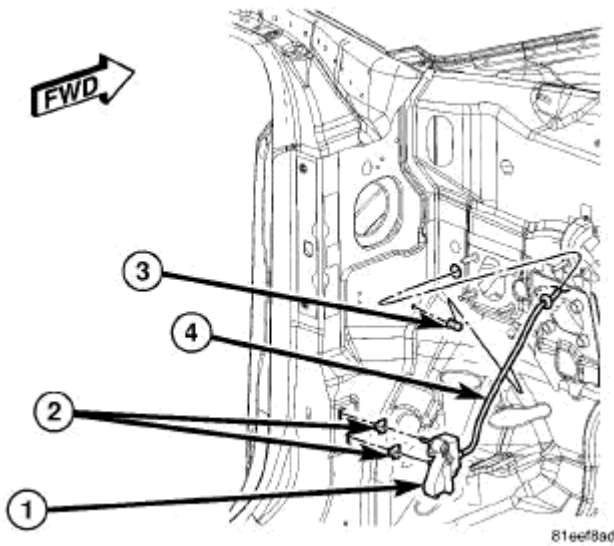


Fig. 86: Hood Release Handle
Courtesy of CHRYSLER LLC

1. Remove left front cowl trim panel.
2. Remove screws (2) attaching hood release handle (1) to inner cowl panel.
3. Disconnect the hood release cable from the latch handle.
4. Disengage rubber grommet at lower dash panel.
5. Disengage push-in fastener (3) attaching hood release cable (4) to dash panel.

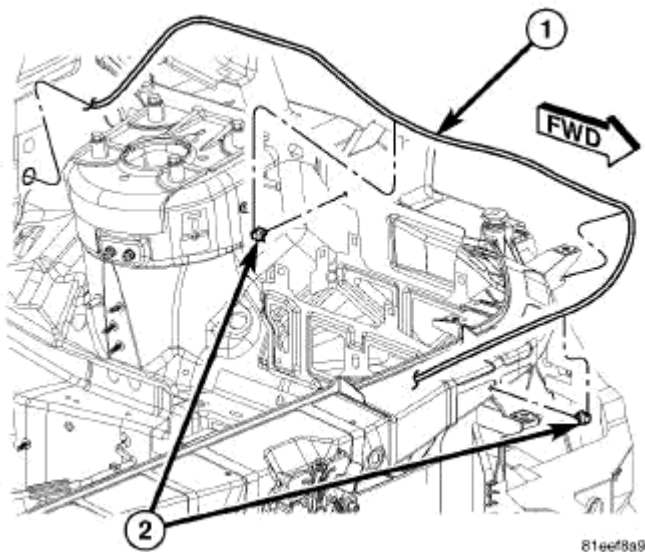


Fig. 87: Hood Release Cable
Courtesy of CHRYSLER LLC

6. Remove hood latch. See **Body/Hood/LATCH, Hood - Removal**.
7. Release clips (2) attaching hood release cable to left inner frame rail.
8. Remove hood release cable (1) from vehicle.

Installation

INSTALLATION

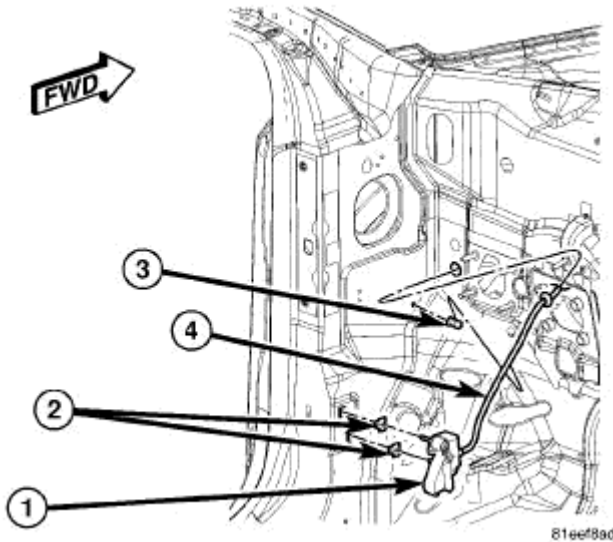


Fig. 88: Hood Release Handle
Courtesy of CHRYSLER LLC

1. Route hood release cable (4) through hole in lower dash panel and along inner frame rail.
2. Engage rubber grommet to lower dash panel.
3. Engage push-in fastener (3) attaching hood release cable to lower dash panel.
4. Install screws attaching hood release cable handle (1) to inner cowl panel.
5. Tighten screws (2) to 1.8 N.m (16 in. lbs.) torque.
6. Install left front cowl trim panel.

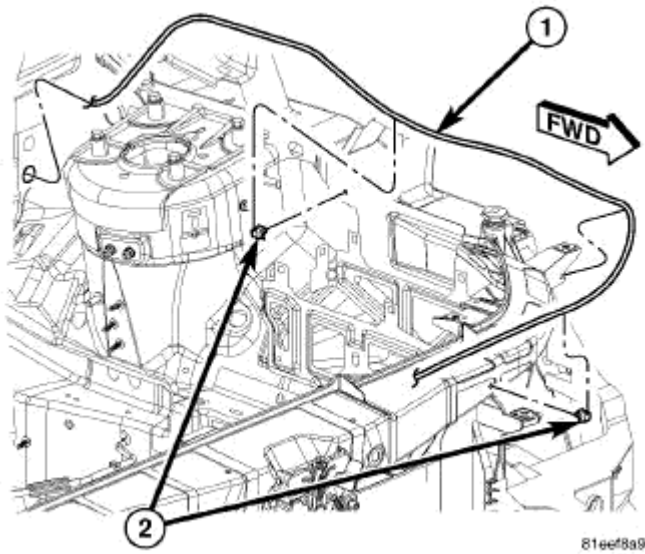


Fig. 89: Hood Release Cable
Courtesy of CHRYSLER LLC

7. Engage hood release cable into clips (2) along inner frame rail.
8. Install hood latch. See **Body/Hood/LATCH, Hood - Installation.**

HINGE, HOOD

Removal

REMOVAL

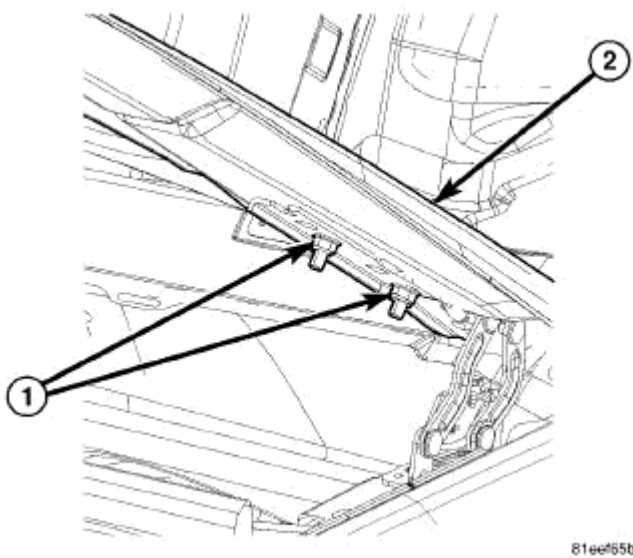


Fig. 90: Bolts Attaching Hood Hinge To Load Beam Inner

Courtesy of CHRYSLER LLC

1. Support hood on the side that requires hinge replacement.
2. Mark hinge attachment locations with a grease pencil or other suitable device to aid installation.
3. Remove cowl cover. See **Body/Exterior/COVER, Cowl Panel - Removal.**
4. Remove bolts attaching hood to hinge.
5. Remove bolts attaching hood hinge to load beam inner and remove hinge from vehicle.

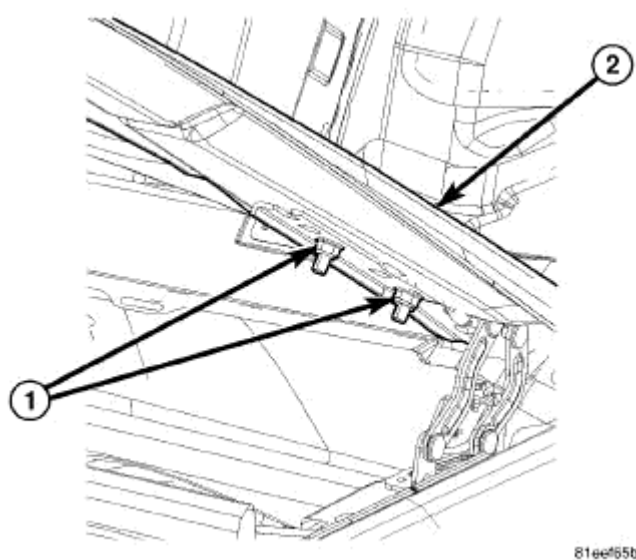
Installation**INSTALLATION**

Fig. 91: Bolts Attaching Hood Hinge To Load Beam Inner
Courtesy of CHRYSLER LLC

1. If necessary, paint new hinge before installation.
2. Place hinge in position on vehicle.
3. Install bolts to attach hood hinge to load beam inner.
4. Install bolts to attach hood to hinge.
5. Align all marks and secure bolts.
6. Tighten bolts to 28 N.m (20 ft. lbs.) torque.
7. 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.
8. Install cowl cover. See **Body/Exterior/COVER, Cowl Panel - Installation.**
9. Verify hood latch operation. Adjust as necessary.

HOOD

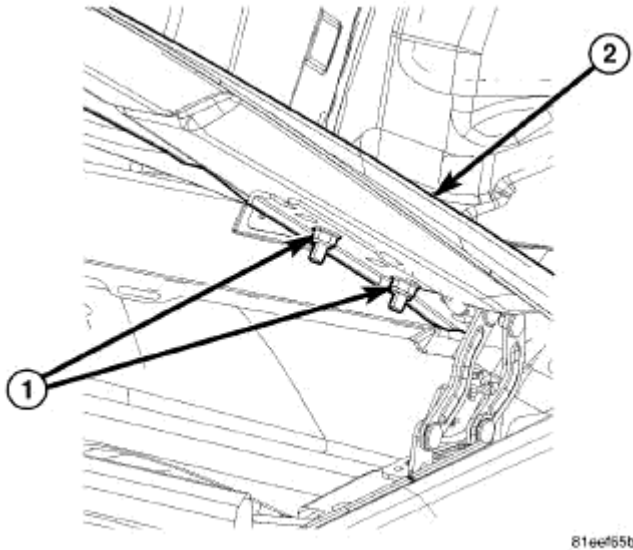
Removal**REMOVAL**

Fig. 92: Bolts Attaching Hood Hinge To Load Beam Inner
Courtesy of CHRYSLER LLC

1. Open hood (2).
2. Mark outline of hinges on inside of hood to aid installation.
3. Disconnect under hood lamp wire connector to engine compartment wire harness if equipped.
4. Disconnect windshield washer hose from hood.
5. Remove the top bolts attaching hood to hinge and loosen the bottom fasteners (1) until they can be removed by hand.
6. With assistance from a helper at the opposite side of the vehicle to support the hood, remove bottom fasteners attaching hood to hinge.
7. Remove the hood from the vehicle.
8. Transfer parts as necessary.

Installation**INSTALLATION**

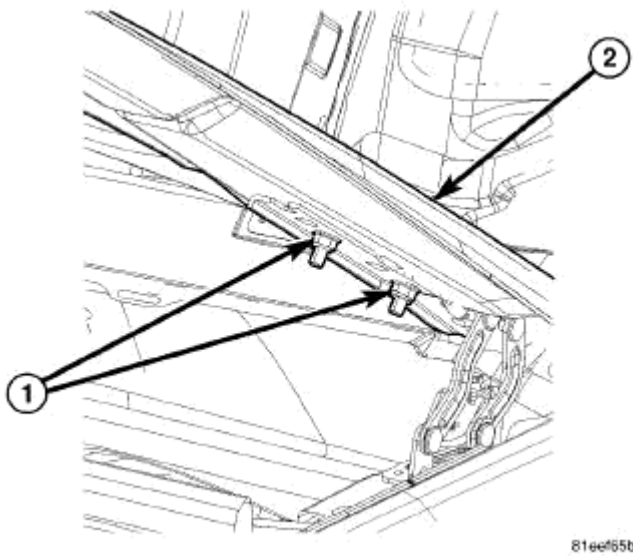


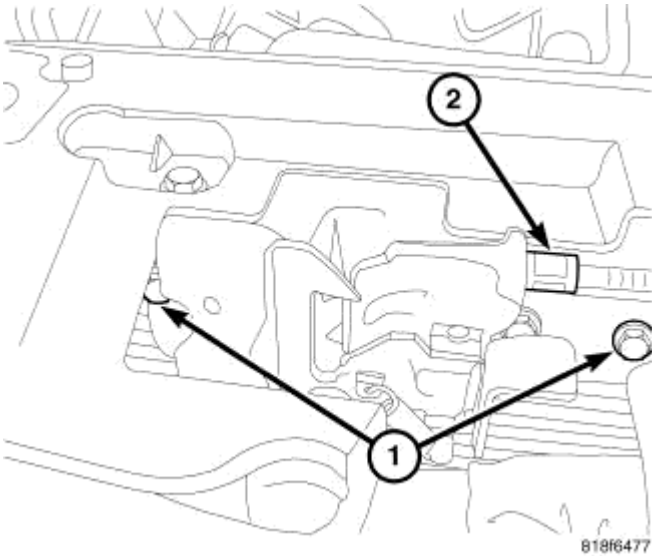
Fig. 93: Bolts Attaching Hood Hinge To Load Beam Inner
 Courtesy of CHRYSLER LLC

1. With assistance from a helper, place hood (2) in position on vehicle.
2. Install bottom fasteners (1) to attach hood to hinge finger tight.
3. Install top fasteners to attach hood to hinge finger tight.
4. Position bolts at outline marks and tighten bolts (3) to 20 N.m (15 ft. lbs.). The hood should be aligned to 4 mm (0.160 in.) gap to the front fenders and flush across the top surfaces along fenders.
5. Connect under hood lamp wire connector to engine compartment wire harness, if equipped.
6. Route and connect windshield washer hose to hood.
7. Verify hood latch operation and alignment. Adjust as necessary.

LATCH, HOOD

Removal

REMOVAL

**Fig. 94: Latch**

Courtesy of CHRYSLER LLC

1. Release hood latch and open hood.
2. Support hood on prop rod.
3. Mark outline of hood latch on radiator support crossmember with a grease pencil or other suitable device to aid installation.
4. Remove nuts (1) attaching hood latch to upper radiator support crossmember.
5. Remove hood latch from vehicle.
6. Disengage remote release cable (2) from hood latch. See **Body/Hood/CABLE, Hood Release - Removal**

Installation

INSTALLATION

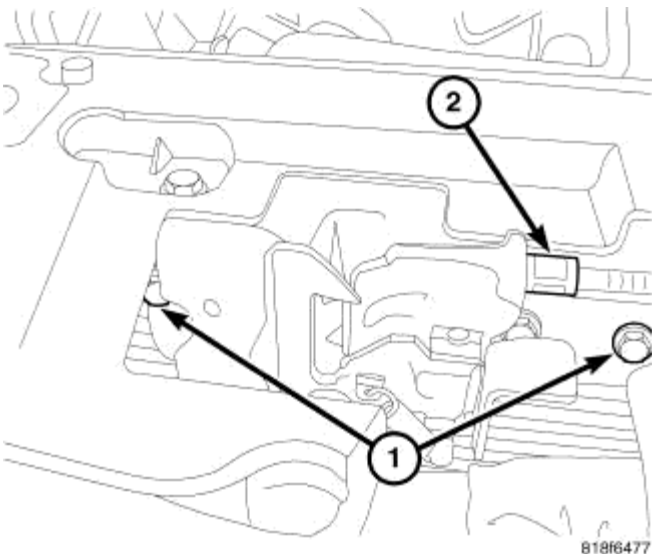


Fig. 95: Latch

Courtesy of CHRYSLER LLC

1. Engage remote release cable into hood latch.
2. Position hood latch on vehicle.
3. Install nuts attaching hood latch onto upper radiator support crossmember.
4. Tighten nut to 28 N.m (20 ft.lbs.) torque.
5. Verify operation. Adjust as necessary.

INSTRUMENT PANEL**BEZEL, INSTRUMENT CLUSTER****Removal****REMOVAL**

1. Remove the left instrument panel air outlet. Refer to **Heating and Air Conditioning/Distribution/OUTLET, Air - Removal** .
2. Using a trim stick special tool C-4755 or equivalent, disengage clips holding the cluster bezel to instrument panel.
3. Remove cluster bezel from vehicle.

Installation**INSTALLATION**

1. Position the cluster bezel in place and align the spring retainers with the instrument panel.
2. Hand tap cluster bezel in place ensuring proper seat.
3. Install the left instrument panel air outlet. Refer to **Heating and Air Conditioning/Distribution/OUTLET, Air - Installation** .

BEZEL, INSTRUMENT PANEL, CENTER**Removal****REMOVAL**

1. Using a trim stick special tool C-4755 or equivalent, disengage clips holding the center bezel to instrument panel.
2. Remove center bezel from vehicle.

Installation**INSTALLATION**

1. Position the center bezel in place and align the spring retainers with the instrument panel.
2. Hand tap center bezel in place ensuring proper seat.

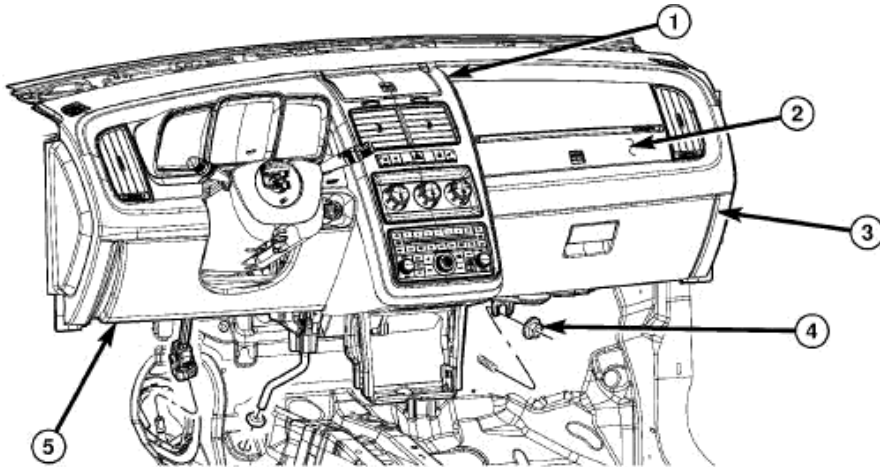
BIN, INSTRUMENT PANEL, BEVERAGE COOLER**Removal****REMOVAL**

Fig. 96: Storage Bin Door
Courtesy of CHRYSLER LLC

1. Open the storage bin (3) door.
2. Remove the interior liner.
3. Remove the air outlet. Refer to **Heating and Air Conditioning/Distribution/OUTLET, Air - Removal**.
4. Carefully remove the cooling vent inside the storage bin.
5. Remove the cooling hose attached to vent.
6. Using a trim stick special tool C-4755 or equivalent, disengage clips holding the storage bin to instrument panel.
7. Remove the storage bin from the vehicle.

Installation**INSTALLATION**

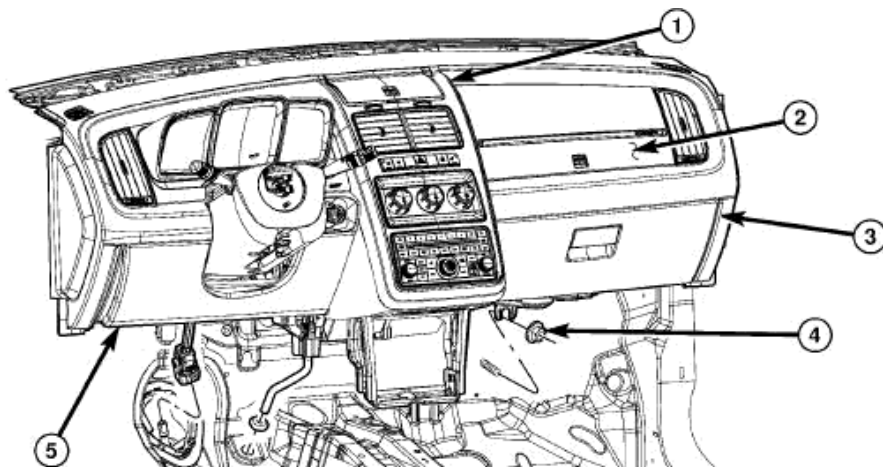


Fig. 97: Storage Bin Door

Courtesy of CHRYSLER LLC

1. Install the storage bin (3) from the vehicle.
2. Engage clips securing the storage bin to instrument panel.
3. Install the cooling hose to vent.
4. Install the cooling vent inside the storage bin.
5. Install the air outlet. Refer to **Heating and Air Conditioning/Distribution/OUTLET, Air - Removal**.
6. Install the interior liner.

BIN, INSTRUMENT PANEL, LOWER

Removal

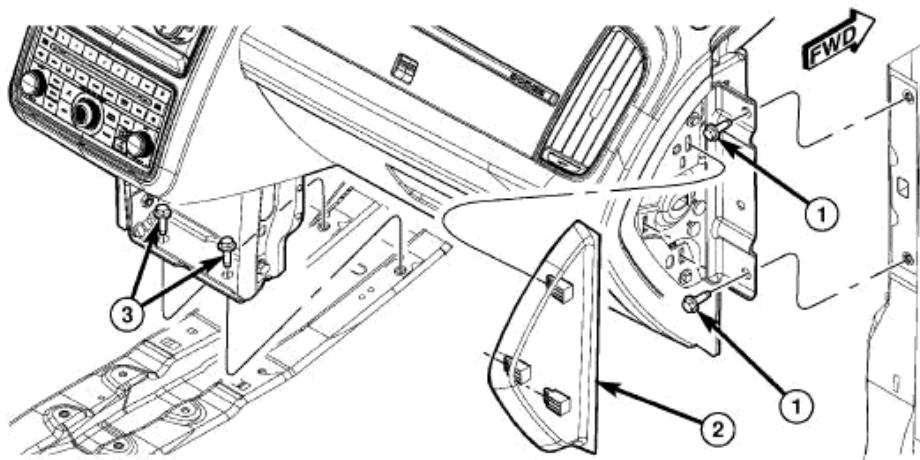
REMOVAL

1. Disconnect and isolate the battery negative cable.
2. Remove the center console. See **Body/Interior/CONSOLE, Center - Removal**.
3. Remove the push-pin retainers by pressing the center inward to release then prying the retainer out of the storage bin.
4. Remove the lower storage bin from the vehicle.

Installation

INSTALLATION

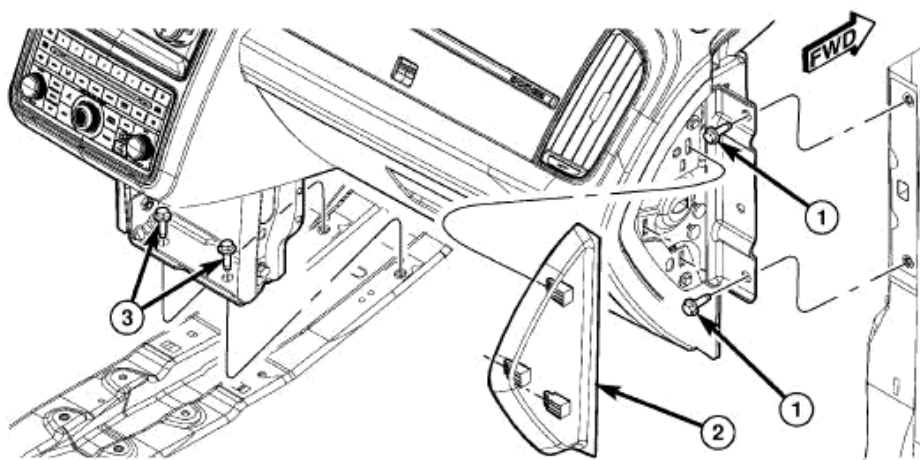
1. Install the lower storage bin to the vehicle.
2. Install the push-pin retainers.
3. Install the center console. See **Body/Interior/CONSOLE, Center - Installation**.
4. Connect the battery negative cable.

CAP, INSTRUMENT PANEL END**Removal****REMOVAL**

B110P003

Fig. 98: Clips Holding End Cover
Courtesy of CHRYSLER LLC

1. Open front door.
2. Using a trim stick special tool C-4755 or equivalent, disengage clips holding end cover (2) to instrument panel.

Installation**INSTALLATION**

B110P003

Fig. 99: Clips Holding End Cover
Courtesy of CHRYSLER LLC

1. Position end cover (2) over retaining slots and firmly snap into place.

2. Close front door.

COVER, STEERING COLUMN OPENING**Removal****REMOVAL**

1. Using trim stick C-4755 or equivalent, pry steering column cover disengaging tabs.
2. Remove steering column cover from instrument panel.

Installation**INSTALLATION**

1. Place steering column cover in position.
2. Firmly press steering column cover into place engaging clips ensuring proper seat.

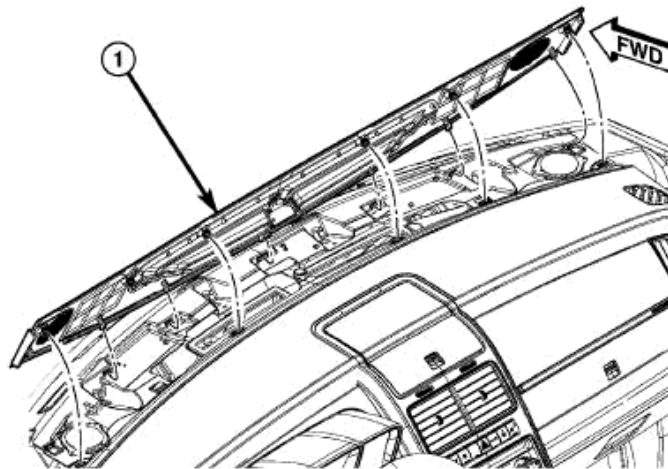
GLOVE BOX, INSTRUMENT PANEL**Removal****REMOVAL**

1. Open glove box.
2. Push in on sides of glove box bin and lower door.
3. Pivot glove box downward and disengage hinge hooks from instrument panel.
4. Remove glove box.

Installation**INSTALLATION**

1. Place glove box in position.
2. Engage hinge hooks into instrument panel and pivot glove box upward.
3. Push in sides of glove box bin and snap glove box assembly into instrument panel.
4. Close glove box door.

GRILLE, DEFROSTER**Removal****REMOVAL**



8110F007

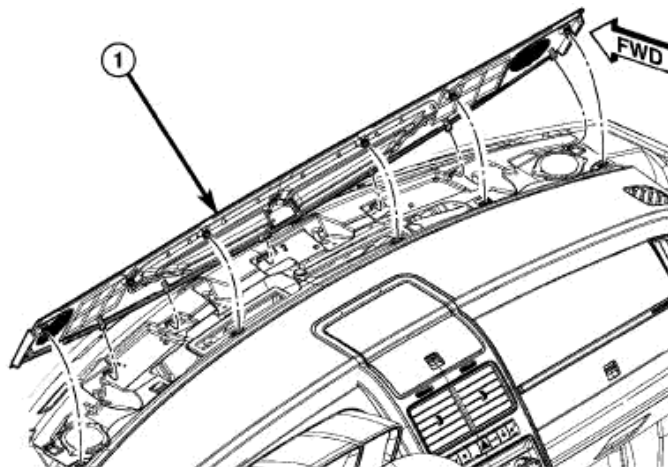
Fig. 100: Defroster Grille

Courtesy of CHRYSLER LLC

1. Remove the left and right A-pillar trim panels. See **Body/Interior/PANEL, A-Pillar Trim - Removal.**
2. Using trim stick C4755 or equivalent, pry up on defroster grille disengaging clips.
3. Remove defroster grille from vehicle.

Installation

INSTALLATION



8110F007

Fig. 101: Defroster Grille

Courtesy of CHRYSLER LLC

1. Position the defroster grille in place and align the spring retainers with the instrument panel.
2. Hand tap defroster grille in place ensuring proper seat.
3. Install the left and right A-pillar trim panels. See **Body/Interior/PANEL, A-Pillar Trim - Installation.**

KNEEBLOCKER

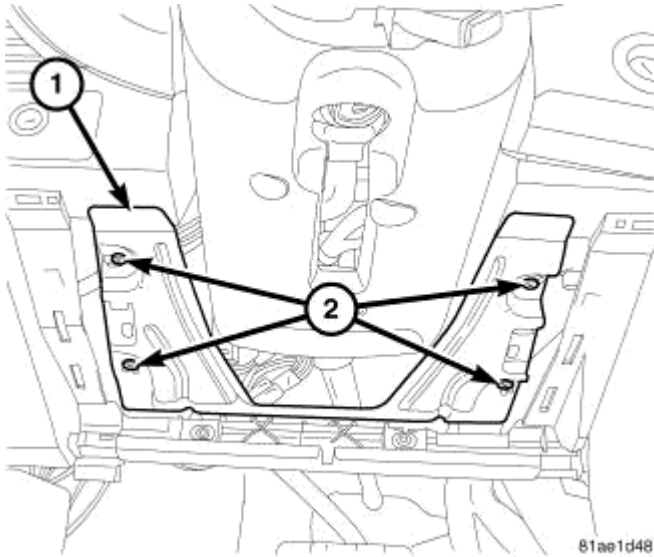
Removal**REMOVAL**

Fig. 102: Identifying Steering Column Cover Reinforcement
Courtesy of CHRYSLER LLC

1. Remove the steering column cover. See **Body/Instrument Panel/COVER, Steering Column Opening - Removal**.
2. Remove mounting fasteners.
3. Remove knee bolster from instrument panel.

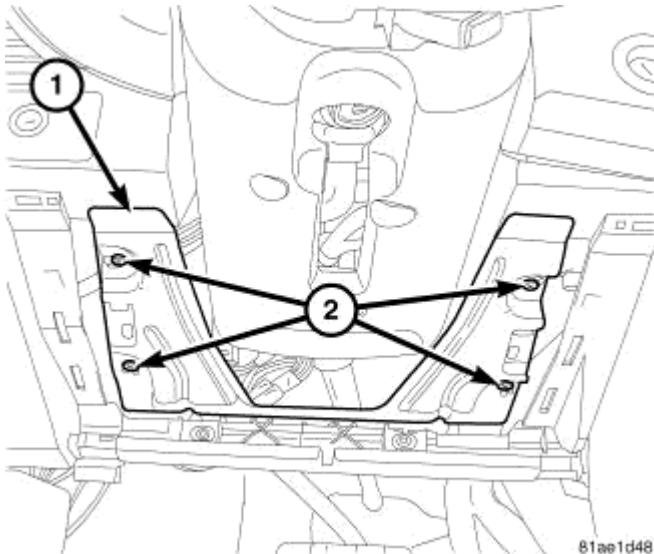
Installation**INSTALLATION**

Fig. 103: Identifying Steering Column Cover Reinforcement

Courtesy of CHRYSLER LLC

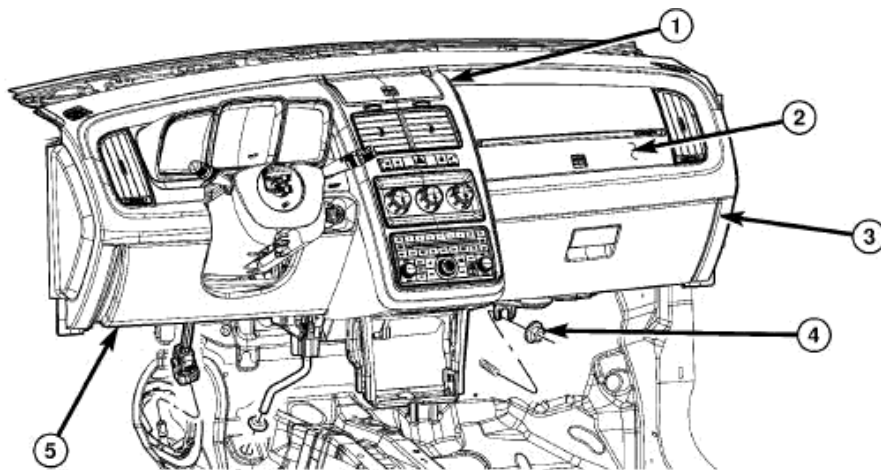
1. Place knee bolster into position.
2. Install the mounting fasteners.
3. Install the steering column cover. See **Body/Instrument Panel/COVER, Steering Column Opening - Installation**.

LATCH, GLOVE BOX DOOR**Removal****REMOVAL**

1. Open the glove box.
2. Remove the three glove box latch screws.
3. Separate the latch from the glove box assembly.

Installation**INSTALLATION**

1. Install the latch onto the glove box assembly.
2. Install the glove box latch screws.
3. Close glove box door.

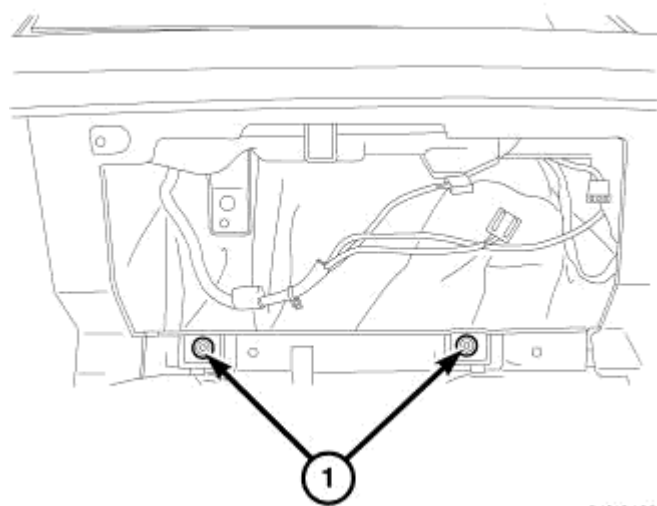
PAD, INSTRUMENT PANEL**Removal****REMOVAL**

B1106fed

Fig. 104: Storage Bin Door

Courtesy of CHRYSLER LLC

1. Remove the A-pillar trim panels.
2. Remove the defroster grille. See **Body/Instrument Panel/GRILLE, Defroster - Removal**.
3. Remove the lower instrument panel storage bin. See **Body/Instrument Panel/BIN, Instrument Panel - Removal**.
4. Remove the instrument panel end caps using a trim stick or equivalent.
5. Remove the glove box by pressing the sides of the glove box and pull down on the glove box.
6. Remove the steering column. Refer to **Steering/Column - Removal**.
7. Remove the instrument panel center bezel using a trim stick or equivalent.
8. Remove the knee bolster. See **Body/Instrument Panel/KNEEBLOCKER - Removal**.
9. Remove the instrument cluster. Refer to **Electrical/Instrument Cluster - Removal**.
10. Remove the radio fasteners.
11. Disconnect the electrical connectors and remove from the instrument panel.
12. Remove the beverage cooler storage bin. See **Body/Instrument Panel/BIN, Instrument Panel - Removal**.
13. Remove the passenger air bag and mounting fasteners. Refer to **Restraints/AIR BAG, Passenger - Removal**.
14. Remove the top pad mounting fasteners.



81F12108

Fig. 105: Fasteners Located At Bottom Of Glove Box Opening
Courtesy of CHRYSLER LLC

15. Remove the fasteners (1) located at the bottom of the glove box opening.
16. Remove the fasteners that secure the defrost ducts to the top pad.

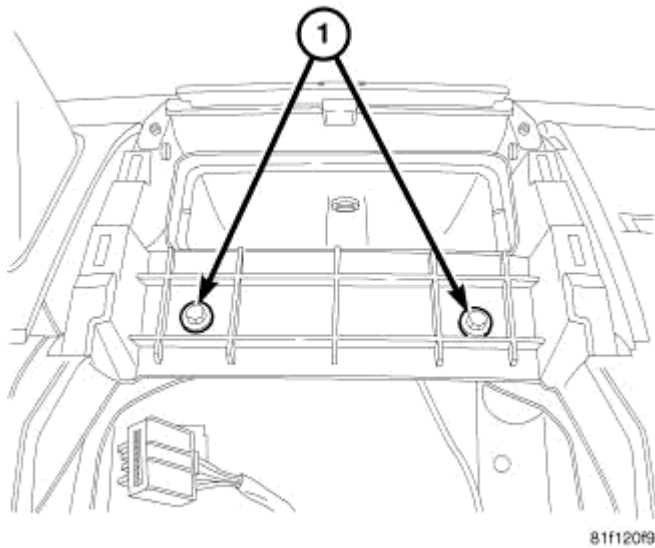


Fig. 106: Mounting Fasteners At Center Of Instrumental Panel
Courtesy of CHRYSLER LLC

17. Remove the mounting fasteners (1) at the center of the IP above the radio mounting area.

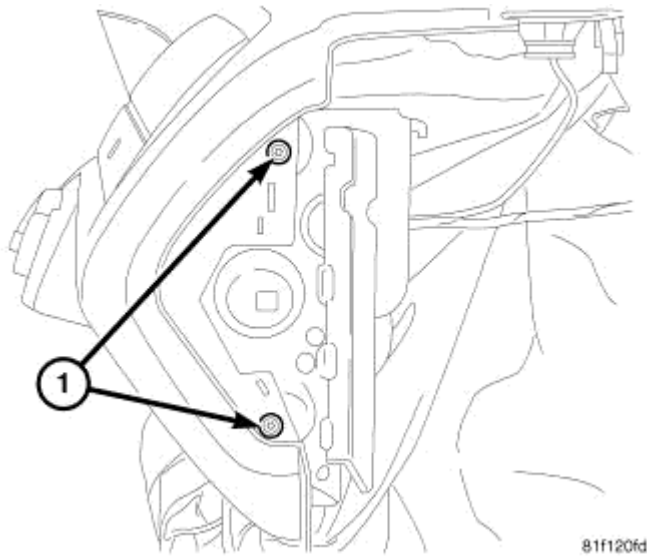
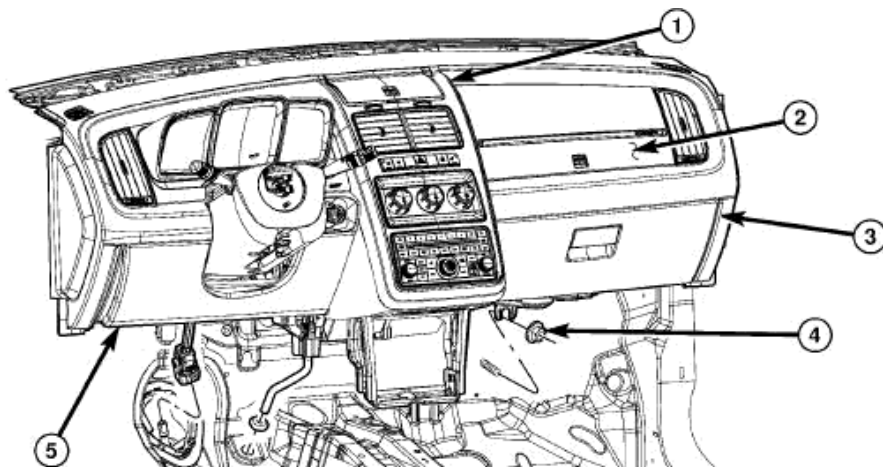


Fig. 107: Mounting Fasteners At End Caps Of Instrument Panel
Courtesy of CHRYSLER LLC

18. Remove the mounting fasteners at the end caps of the instrument panel.
19. Remove the top pad from the instrument panel assembly.

Installation

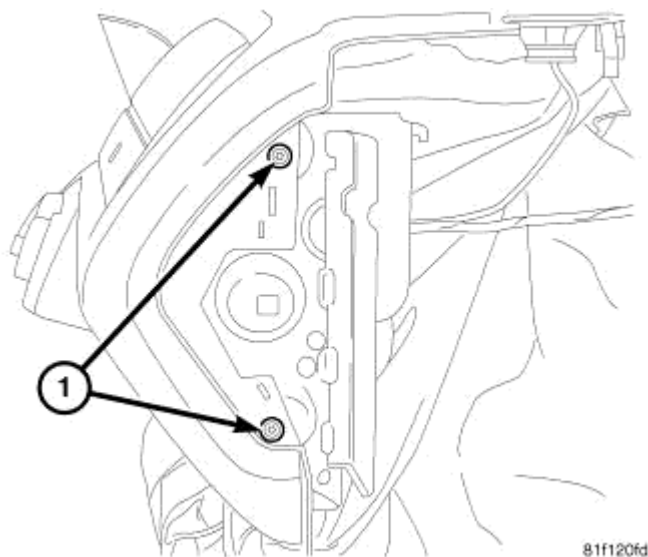
INSTALLATION



81f0e6ed

Fig. 108: Storage Bin Door
Courtesy of CHRYSLER LLC

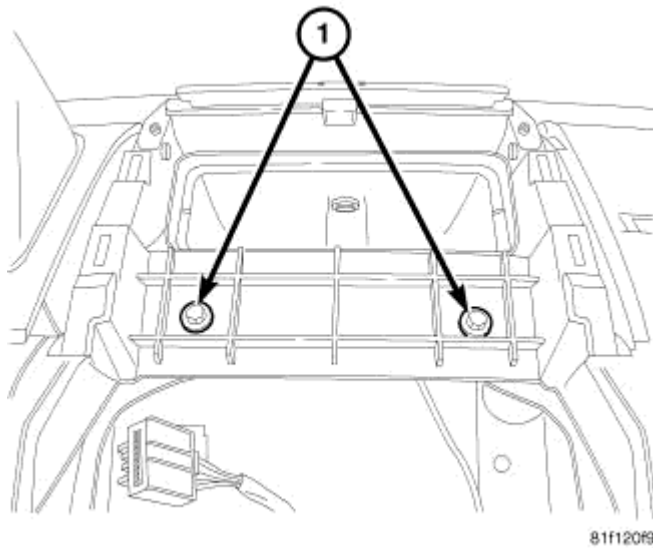
1. Install the top pad to the instrument panel assembly.



81f120fd

Fig. 109: Mounting Fasteners At End Caps Of Instrument Panel
Courtesy of CHRYSLER LLC

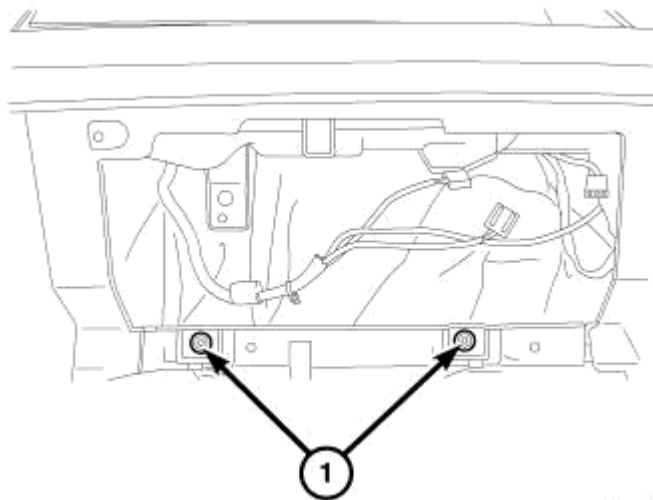
2. Install the mounting fasteners at the end caps of the instrument panel.



81F120F9

Fig. 110: Mounting Fasteners At Center Of Instrumental Panel
 Courtesy of CHRYSLER LLC

3. Install the mounting fasteners (1) at the center of the IP above the radio mounting area.
4. Install the fasteners that secure the defrost ducts to the top pad.



81F12108

Fig. 111: Fasteners Located At Bottom Of Glove Box Opening
 Courtesy of CHRYSLER LLC

5. Install the fasteners (1) located at the bottom of the glove box opening.
6. Install the top pad mounting fasteners.
7. Install the passenger air bag and mounting fasteners. Refer to **Restraints/AIR BAG, Passenger - Installation**.
8. Install the beverage cooler storage bin. See **Body/Instrument Panel/BIN, Instrument Panel - Installation**.

9. Connect the electrical connectors and install the radio to the instrument panel.
10. Install the radio fasteners.
11. Install the instrument cluster. Refer to **Electrical/Instrument Cluster - Installation** .
12. Install the knee bolster. See **Body/Instrument Panel/KNEEBLOCKER - Installation**.
13. Install the left and right cowl trim panels.
14. Install the glove.
15. Install the instrument panel end caps using a trim stick or equivalent.
16. Install the lower instrument panel storage bin. See **Body/Instrument Panel/BIN, Instrument Panel - Installation**
17. Install the defroster grille. See **Body/Instrument Panel/GRILLE, Defroster - Installation**.
18. Install the A-pillar trim panels.
19. Connect the battery negative cable.

PANEL, INSTRUMENT

Removal

REMOVAL

WARNING: Disable the airbag system before attempting any steering wheel, steering column or instrument panel component diagnosis or service. Disconnect and isolate the negative battery (ground) cable, then wait two minutes for the airbag system capacitor to discharge before performing further diagnosis or service. This is the only sure way to disable the airbag system. Failure to follow these instructions may result in accidental airbag deployment and possible serious or fatal injury.

NOTE: LHD model shown in illustrations. RHD model similar.

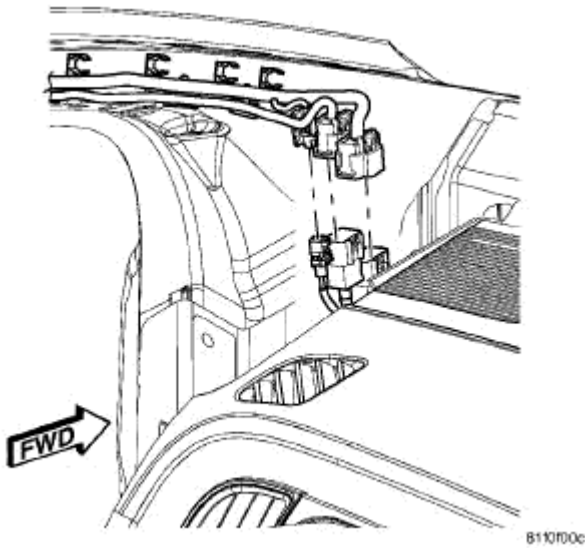


Fig. 112: Electrical Connectors Located At Left & Right A-Pillar
Courtesy of CHRYSLER LLC

NOTE: Left side shown. Right side similar.

1. Disconnect and isolate the negative battery cable.
2. Remove the A-pillar trim panels. See **Body/Interior/PANEL, A-Pillar Trim - Removal**.
3. Disconnect the electrical connectors located at the left and right A-pillar.

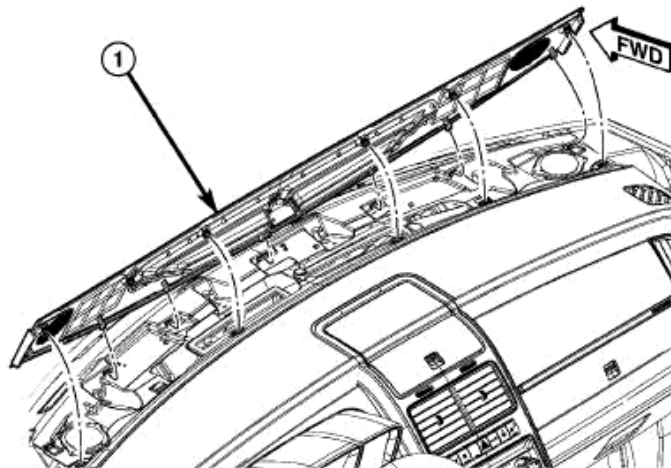
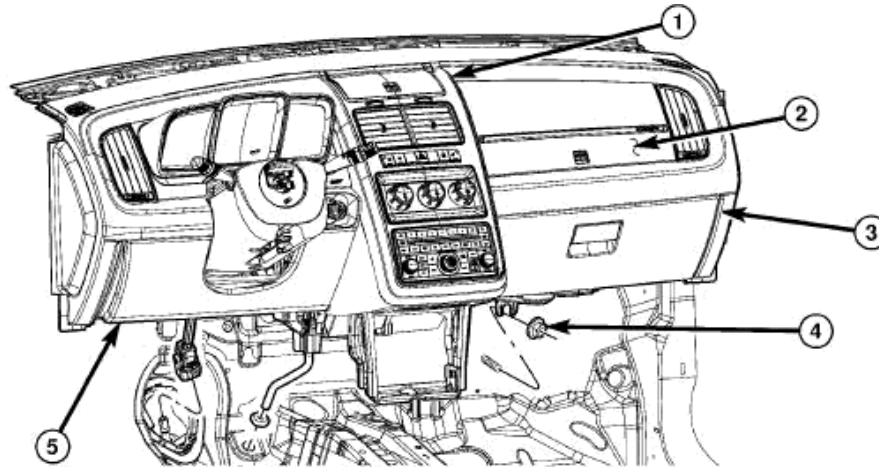


Fig. 113: Defroster Grille
Courtesy of CHRYSLER LLC

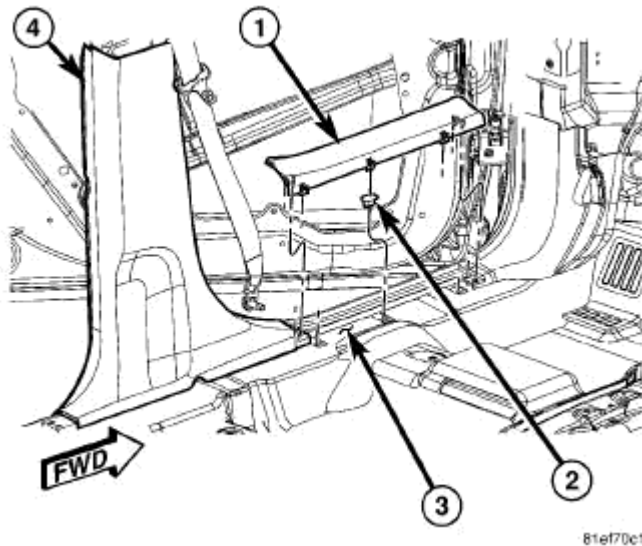
4. Using Trim Stick C-4755 or equivalent, disengage the clips that secure the defroster grille (1) to the top of the instrument panel and remove the grille.



8110efed

Fig. 114: Storage Bin Door
Courtesy of CHRYSLER LLC

5. Using Trim Stick C-4755 or equivalent, disengage the clips that secure the steering column cover (5) to the instrument panel (2) and remove the cover.
6. Remove the steering column. Refer to **Steering/Column - Removal** .
7. Using Trim Stick C-4755 or equivalent, disengage the clips that secure the instrument panel center bezel (1) to the instrument panel and remove the center bezel.
8. Remove the glove box (3).
9. Remove the nut (4) that secures the instrument panel to the stud located near the blower motor.

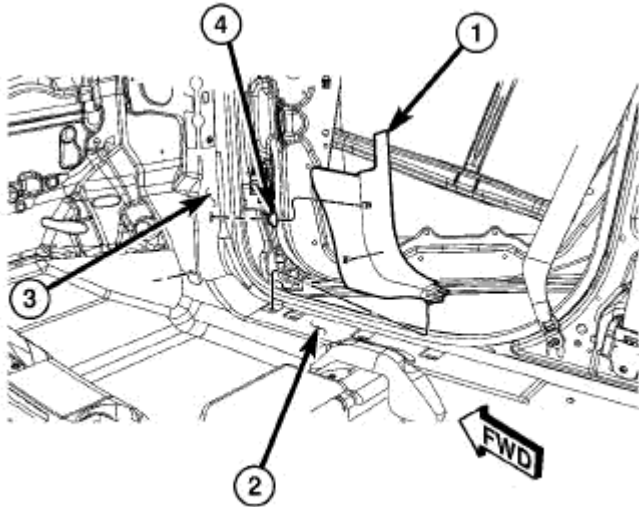


81ef70c1

Fig. 115: Front Door Sill Scuff Plates
Courtesy of CHRYSLER LLC

NOTE: Left side shown. Right side similar.

10. Using trim stick C-4755 or equivalent, disengage the clips (2) that secure the left and right front door sill scuff plates (1) to the door sills (3) and remove the scuff plates.

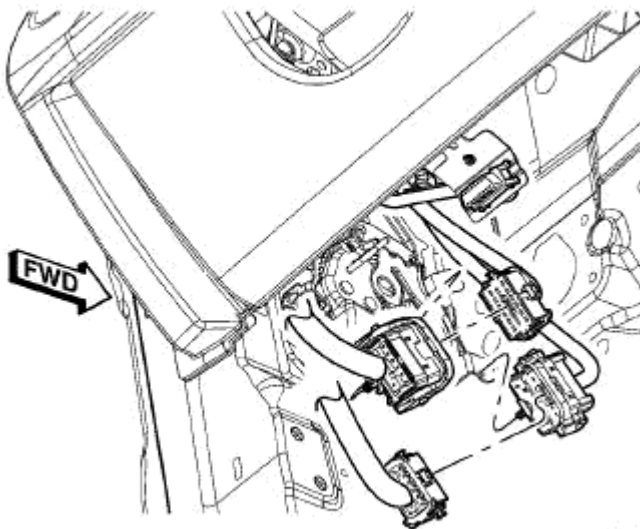


81ef7092

Fig. 116: Cowl Trim Panels
Courtesy of CHRYSLER LLC

NOTE: Right side shown. Left side similar.

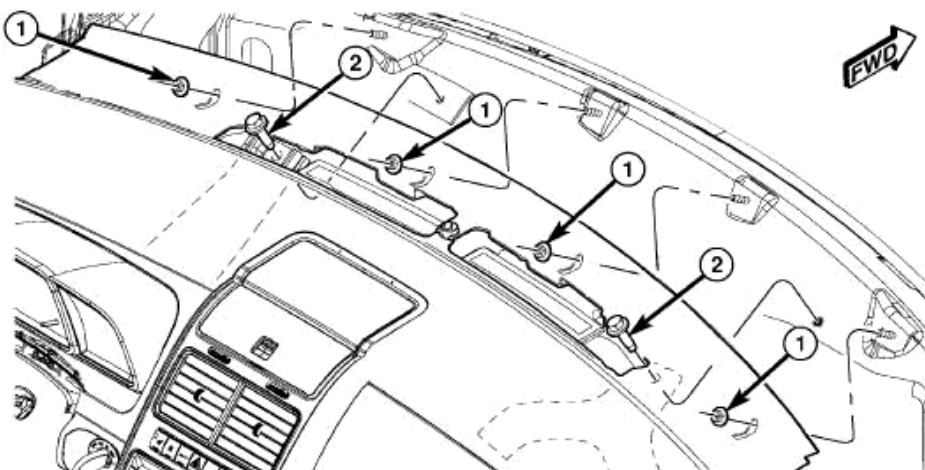
11. Using Trim Stick C-4755 or equivalent, disengage the clips (4) that secure the left and right cowl trim panels (1) to the door sills (2) and cowl (3) and remove the trim panels.



81f0f168

Fig. 117: Instrument Panel Electrical Connectors
Courtesy of CHRYSLER LLC

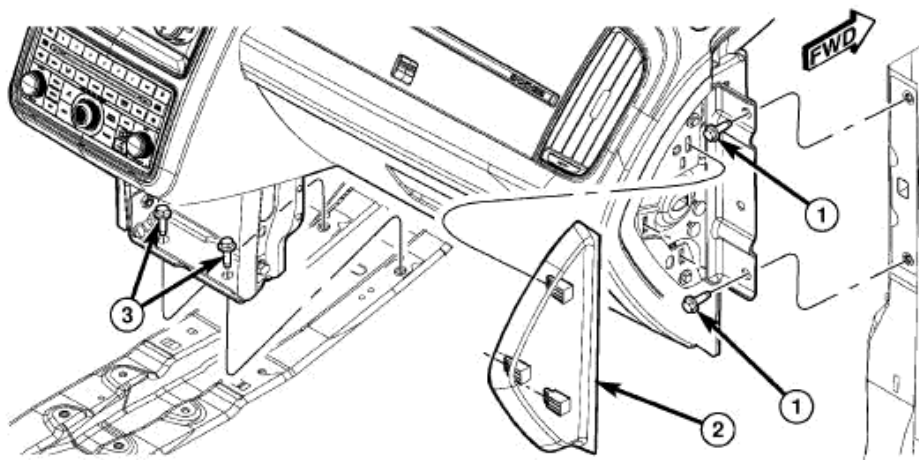
12. Disconnect the instrument panel electrical connectors.
13. Disconnect the HVAC electrical connectors.



8110006

Fig. 118: Windshield Fence Nuts & Bolts
Courtesy of CHRYSLER LLC

14. Remove the windshield fence nuts (1) and bolts (2).



8110003

Fig. 119: Clips Holding End Cover
Courtesy of CHRYSLER LLC

NOTE: Right side shown. Left side similar.

15. Remove the center floor console. See **Body/Interior/CONSOLE, Center - Removal**.
16. Remove the lower instrument panel storage bin. See **Body/Instrument Panel/BIN, Instrument Panel - Removal**.
17. Remove the two lower instrument panel bolts (3).
18. Using Trim Stick C-4755 or equivalent, remove the left and right end caps (2).
19. Remove the two bolts (1) located on each end of the instrument panel and remove the panel from the

vehicle.

Installation

INSTALLATION

NOTE: LHD model shown in illustrations. RHD model similar.

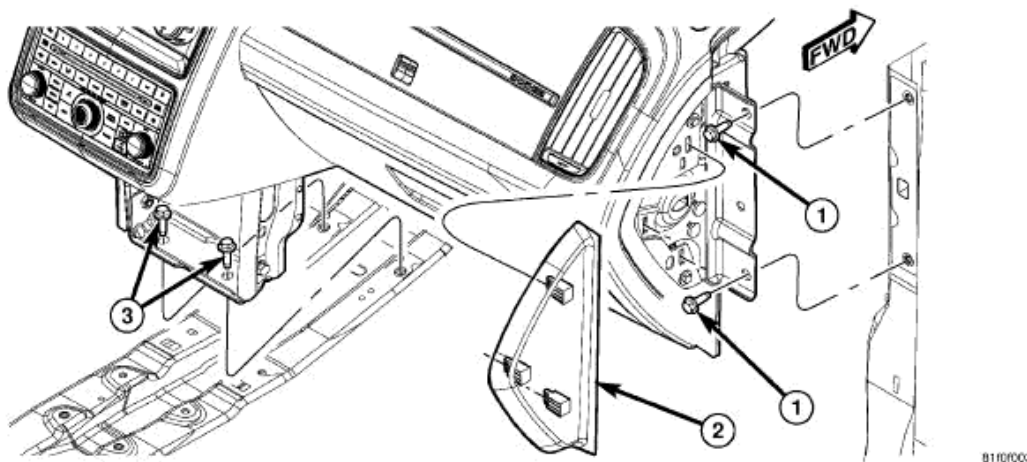


Fig. 120: Clips Holding End Cover
Courtesy of CHRYSLER LLC

NOTE: Right side shown. Left side similar.

1. Position the instrument panel into the vehicle and engage the alignment pins located on each end of the panel to the body.
2. Install the two bolts (1) to each end of the instrument panel. Tighten the bolts to 21 N.m (15 ft. lbs.).
3. Install the left and right end caps (2). Make sure the retaining clips are fully engaged.
4. Install the two lower instrument panel bolts (3). Tighten the bolts to 21 N.m (15 ft. lbs.).
5. Install the lower instrument panel storage bin. See **Body/Instrument Panel/BIN, Instrument Panel - Installation**.
6. Install the center floor console. See **Body/Interior/CONSOLE, Center - Installation**.

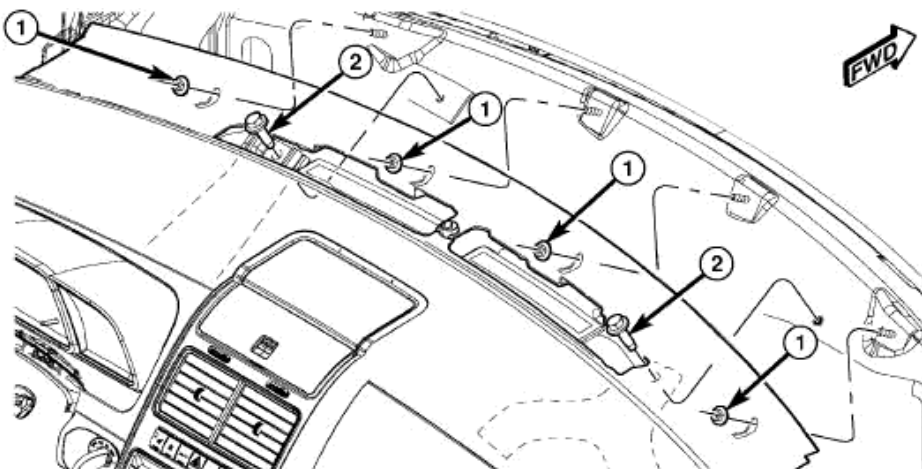


Fig. 121: Windshield Fence Nuts & Bolts
Courtesy of CHRYSLER LLC

7. Install the windshield fence nuts (1) and bolts (2). Tighten the nuts and bolts securely.

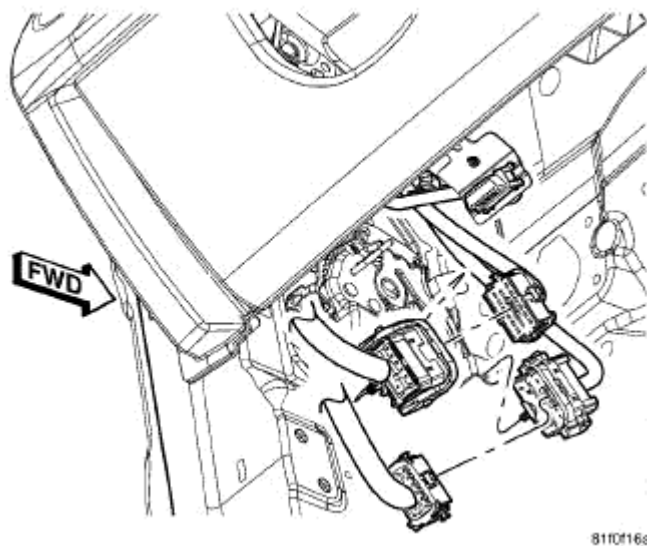


Fig. 122: Instrument Panel Electrical Connectors
Courtesy of CHRYSLER LLC

8. Connect the instrument panel electrical connectors.
9. Connect the HVAC electrical connectors.

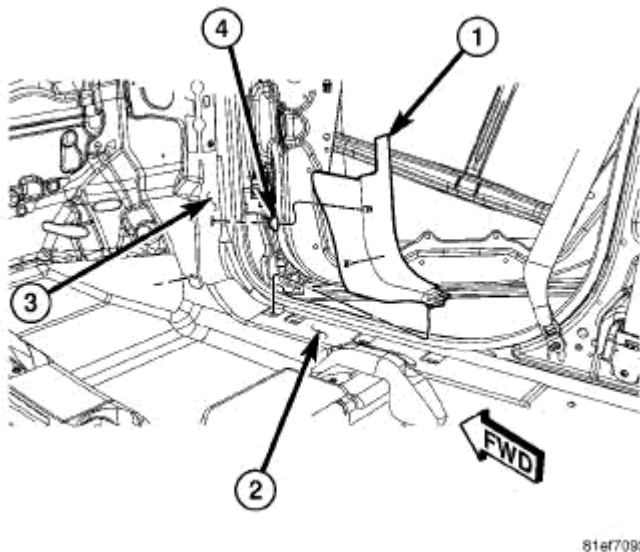


Fig. 123: Cowl Trim Panels
Courtesy of CHRYSLER LLC

NOTE: Right side shown. Left side similar.

10. Install the left and right cowl trim panels (1) to the door sills (2) and cowl (3). Make sure the retaining clips (4) are fully engaged.

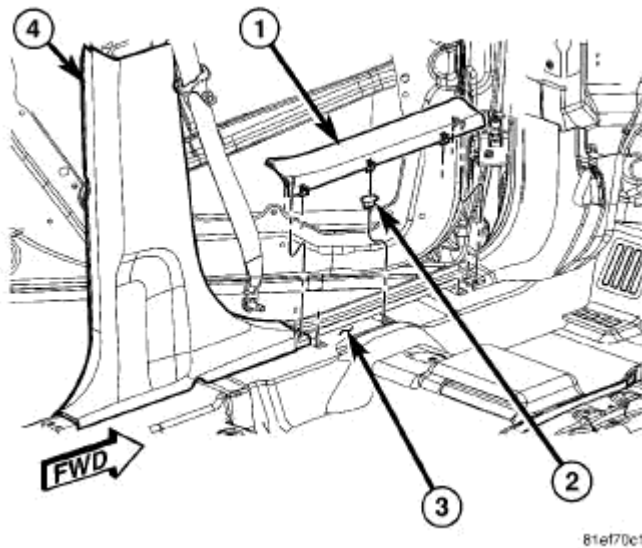
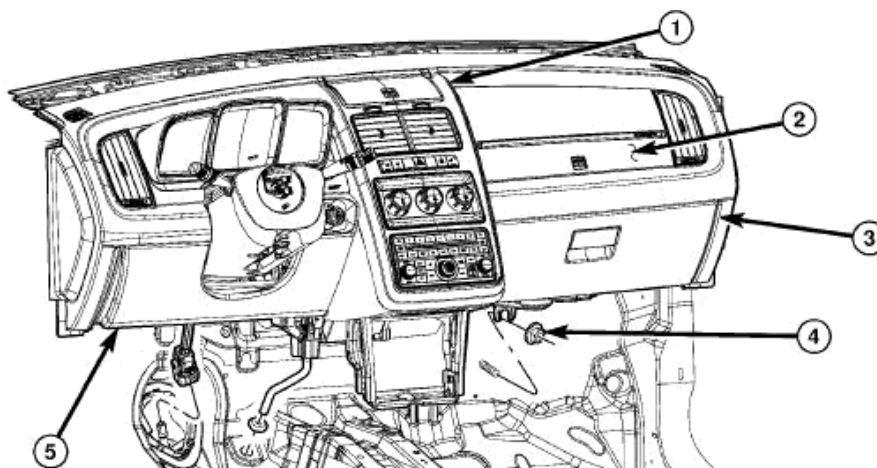


Fig. 124: Front Door Sill Scuff Plates
Courtesy of CHRYSLER LLC

NOTE: Left side shown. Right side similar.

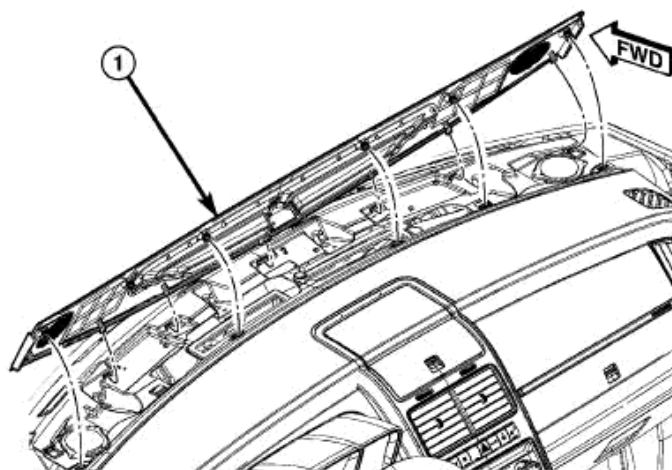
11. Install the left and right front door sill scuff plates (1) to the door sills (3). Make sure the retaining clips (2) are fully engaged.



8110defed

Fig. 125: Storage Bin Door
Courtesy of CHRYSLER LLC

12. Install the nut (4) that secures the instrument panel (2) to the stud located near the blower motor. Tighten the nut securely
13. Install the glove box (3).
14. Install the instrument panel center bezel (1). Make sure the retaining clips are fully engaged.
15. Install the steering column. Refer to **Steering/Column - Installation** .
16. Install the steering column cover (5). Make sure the retaining clips are fully engaged.



8110f007

Fig. 126: Defroster Grille
Courtesy of CHRYSLER LLC

17. Install the defroster grille (1). Make sure the retaining clips are fully engaged.

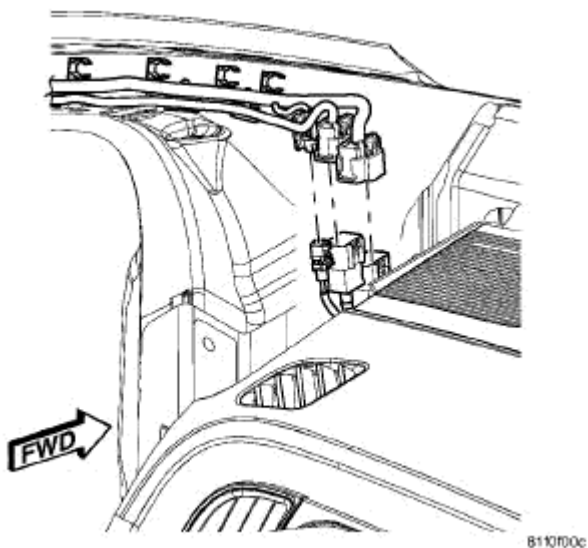


Fig. 127: Electrical Connectors Located At Left & Right A-Pillar
Courtesy of CHRYSLER LLC

NOTE: Left side shown. Right side similar.

18. Connect the electrical connectors located at the left and right A-pillar.
19. Install the A-pillar trim panels. See **Body/Interior/PANEL, A-Pillar Trim - Installation**.
20. Reconnect the negative battery cable.

PANEL, SILENCER, LOWER

Removal

REMOVAL

1. Remove closeout panels push pins fastening closeout panels to the bottom of the instrument panel assembly.
2. Remove closeout panels from instrument panel assembly.

Installation

INSTALLATION

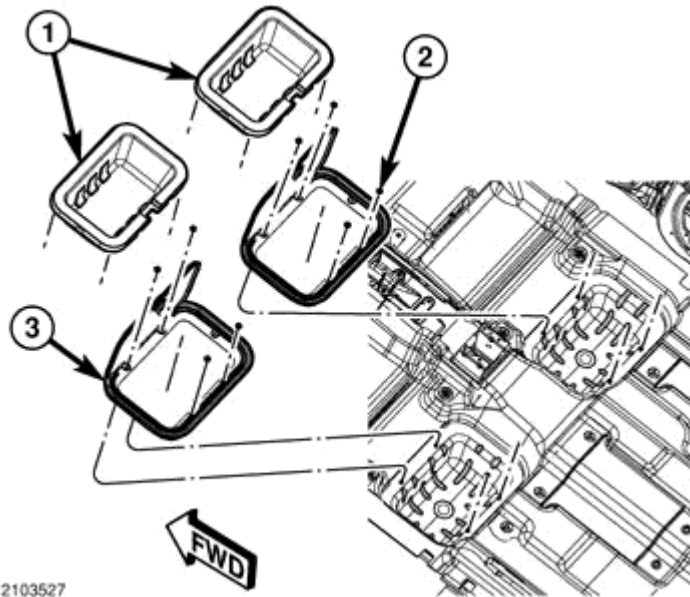
1. Position closeout panels to the bottom of the instrument panel assembly.
2. Install push pins fastening closeout panels to instrument panel.

INTERIOR

BIN, STORAGE, SECOND ROW

Removal

REMOVAL



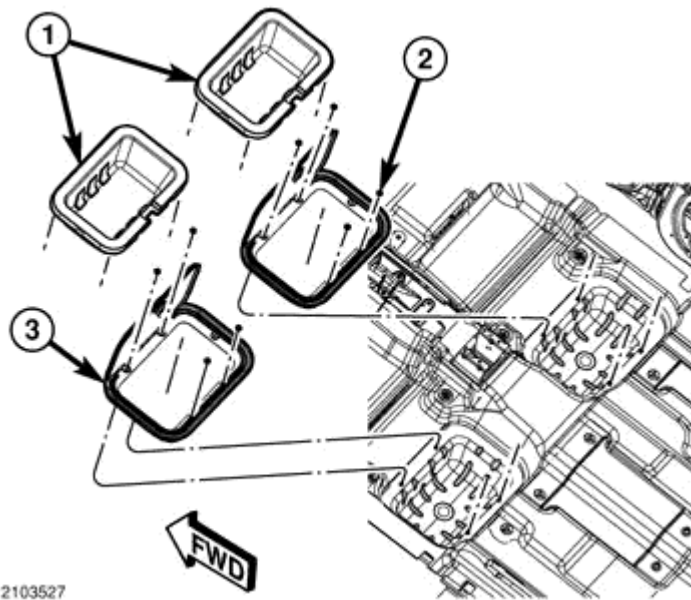
2103527

Fig. 128: Mounting Fasteners Securing Storage Bin To Floor
Courtesy of CHRYSLER LLC

1. Open the lid to the second row storage bin and remove the inner liner.
2. Remove the mounting fasteners securing the storage bin to the floor.
3. Remove the storage bin from the vehicle.

Installation

INSTALLATION



2103527

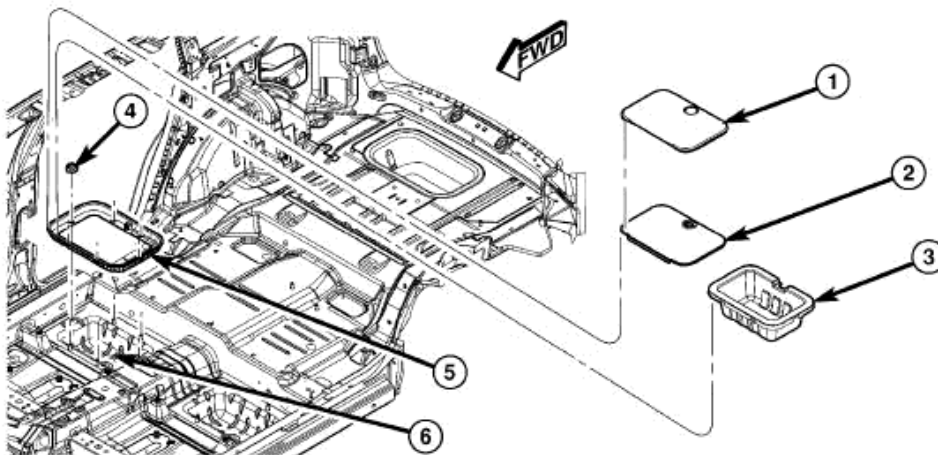
Fig. 129: Mounting Fasteners Securing Storage Bin To Floor
Courtesy of CHRYSLER LLC

1. Place the storage bin into position in the vehicle.
2. Install the mounting fasteners that secure the storage bin to the floor.
3. Install the liner and close the lid.

BIN, STORAGE, REAR

Removal

REMOVAL



81af2af1

Fig. 130: Storage Bin Liner
Courtesy of CHRYSLER LLC

1. Remove the carpet (1) covering the storage bin.

2. Remove the storage bin liner (3).
3. Remove the mounting fasteners (4).
4. Remove the storage bin (5) from the vehicle.

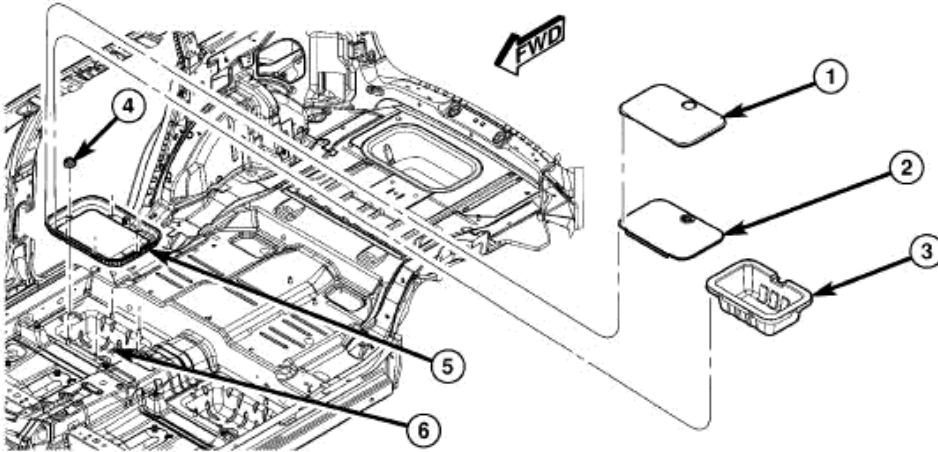
Installation**INSTALLATION**

Fig. 131: Storage Bin Liner
Courtesy of CHRYSLER LLC

1. Install the storage bin (5) to the vehicle.
2. Install the mounting fasteners (4).
3. Install the storage bin liner (3).
4. Install the carpet (1) covering the storage bin.

BOX, STORAGE, REAR**Removal****REMOVAL****STORAGE BOX - 5 PASSENGER**

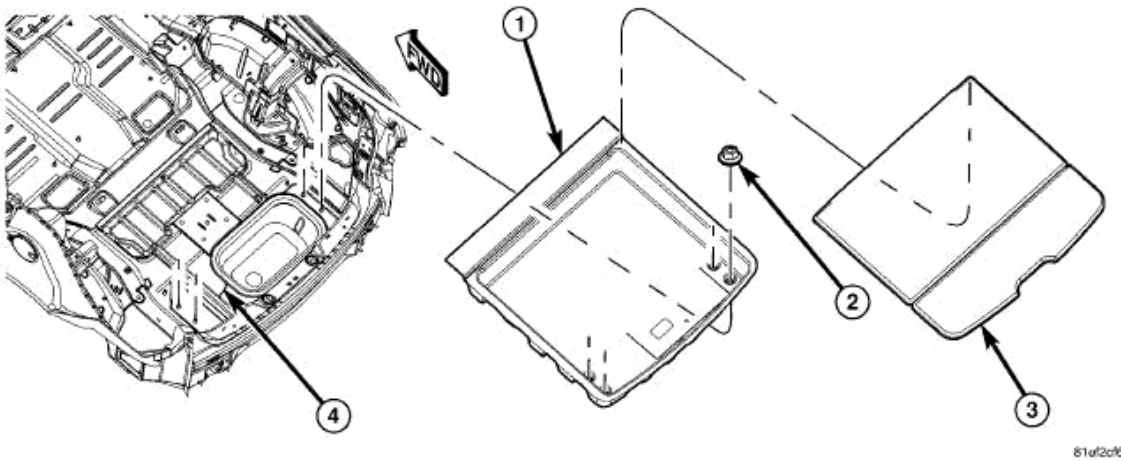


Fig. 132: Storage Box Mounting Fasteners
Courtesy of CHRYSLER LLC

1. Remove the mat covering the storage box.
2. Remove the load floor assembly (3).
3. Remove the storage box mounting fasteners (2).
4. Remove the storage box (1) from the vehicle.

STORAGE BOX - 7 PASSENGER

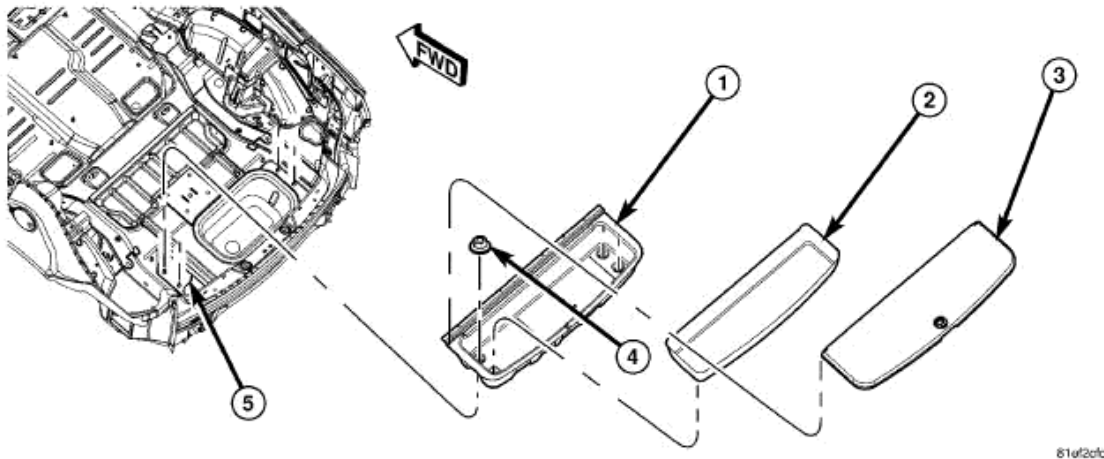


Fig. 133: Storage Box Liner
Courtesy of CHRYSLER LLC

1. Remove the retainers on the seat back gap hider to the rear storage box.
2. Open the storage bin lid.
3. Remove the storage box liner (2), if equipped.
4. Remove the storage box mounting fasteners (4).
5. Remove the storage box (1) from the vehicle.

Installation

INSTALLATION

STORAGE BOX - 5 PASSENGER

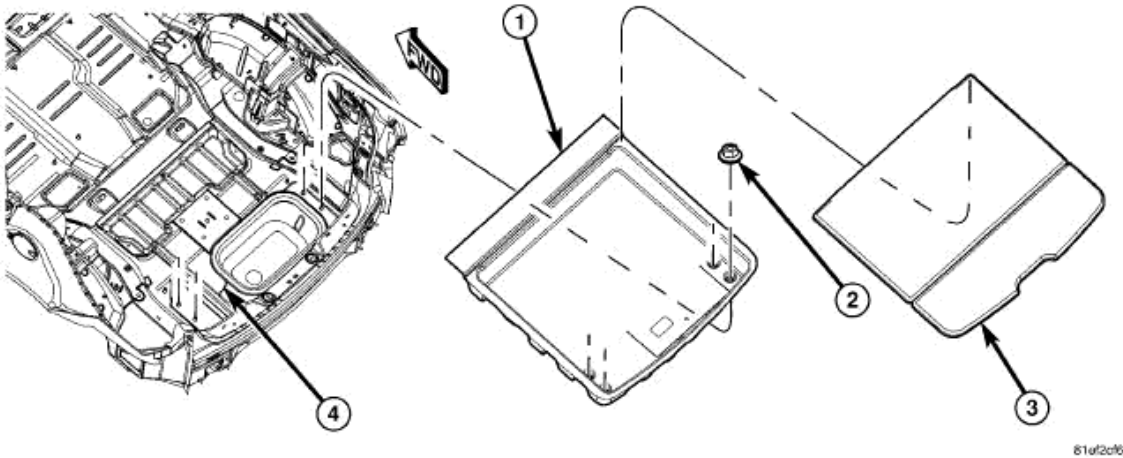


Fig. 134: Storage Box Mounting Fasteners
Courtesy of CHRYSLER LLC

1. Install the storage box (1) to the vehicle.
2. Install the storage box mounting fasteners (2).
3. Install the load floor assembly (3).
4. Install the mat covering the storage box.

STORAGE BOX - 7 PASSENGER

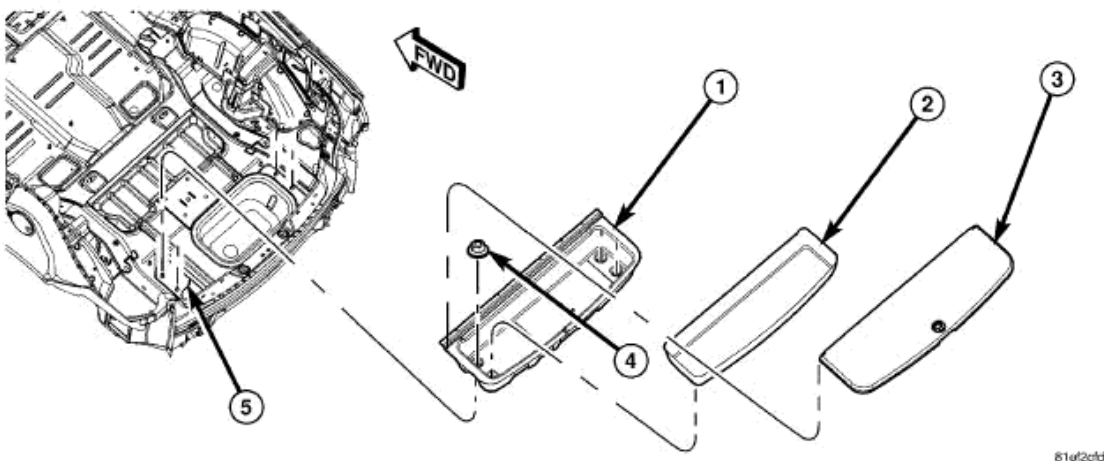


Fig. 135: Storage Box Liner
Courtesy of CHRYSLER LLC

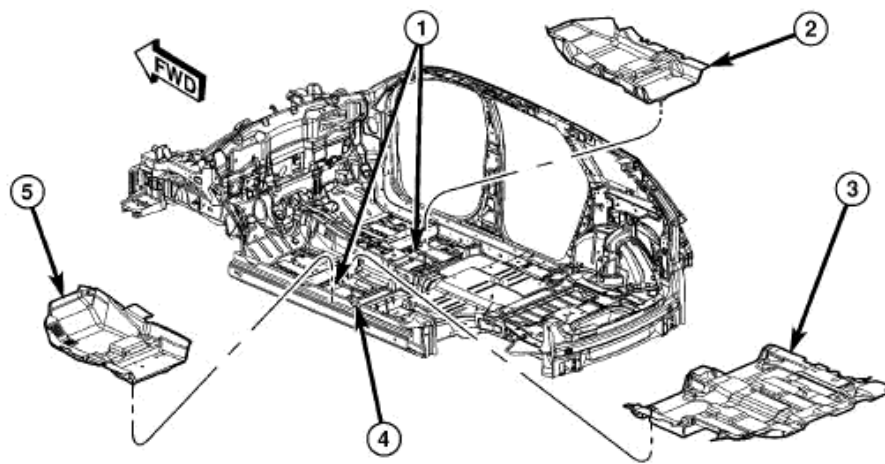
1. Install the storage box (1) to the vehicle.

2. Install the storage box mounting fasteners (4).
3. Install the storage box liner (2).
4. Install the seat back gap hider retainers to the rear storage box.

CARPET, FLOOR

Removal

REMOVAL



81ef2a02

Fig. 136: Floor Carpet Assembly
Courtesy of CHRYSLER LLC

1. Remove door sill trim. See **Body/Interior/PLATE, Scuff - Removal**
2. Remove front seats. See **Body/Seats/SEAT - Removal**.
3. Remove the second row seats. See **Body/Seats/SEAT - Removal**
4. Remove the third row seats, if equipped. See **Body/Seats/SEAT - Removal**.
5. Remove B-pillar trim panels as necessary to clear carpet.
6. Remove cowl trim panels. See **Body/Interior/PANEL, Cowl Trim - Removal**
7. Remove center console. See **Body/Interior/CONSOLE, Center - Removal**
8. Remove the rear storage bin. See **Body/Interior/BIN, Storage - Removal**.
9. Remove the rear storage box. See **Body/Interior/BOX, Storage - Removal**.
10. Pull carpet from behind brake pedal, accelerator pedal and remove the front left carpet (5).
11. Pull carpet from behind the HVAC and remove the front right carpet (2).
12. Remove the rear carpet from the vehicle (3).

Installation

INSTALLATION

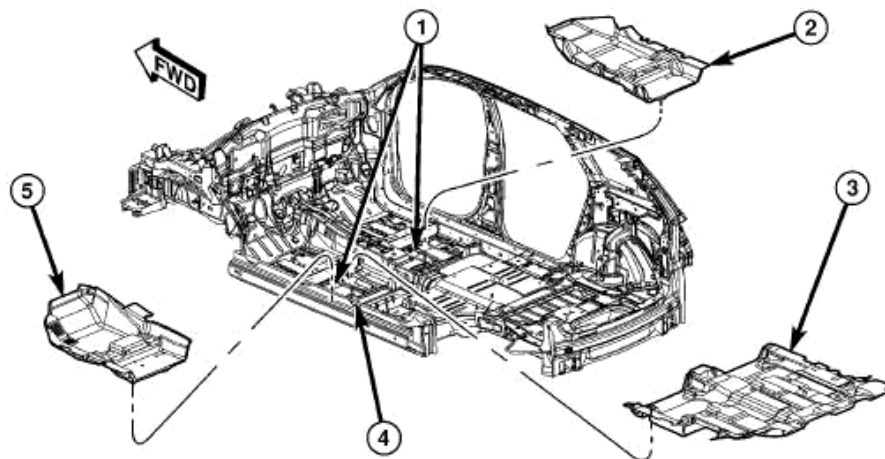


Fig. 137: Floor Carpet Assembly
Courtesy of CHRYSLER LLC

1. Install the rear carpet to the vehicle (3).
2. Install the front right carpet (2) and push the carpet behind the HVAC.
3. Install the front left carpet (5) and push the carpet behind brake pedal and accelerator pedal.
4. Install the rear storage box. See **Body/Interior/BOX, Storage - Installation**.
5. Install the rear storage bin. See **Body/Interior/BIN, Storage - Installation**.
6. Install center console. See **Body/Interior/CONSOLE, Center - Installation**.
7. Install cowl trim panels. See **Body/Interior/PANEL, Cowl Trim - Installation**.
8. Install B-pillar trim panels as necessary to clear carpet.
9. Install the third row seats, if equipped. See **Body/Seats/SEAT - Installation**.
10. Install the second row seats. See **Body/Seats/SEAT - Installation**.
11. Install front seats. See **Body/Seats/SEAT - Installation**.
12. Install door sill trim. See **Body/Interior/PLATE, Scuff - Installation**.

CONSOLE, CENTER

Removal

REMOVAL

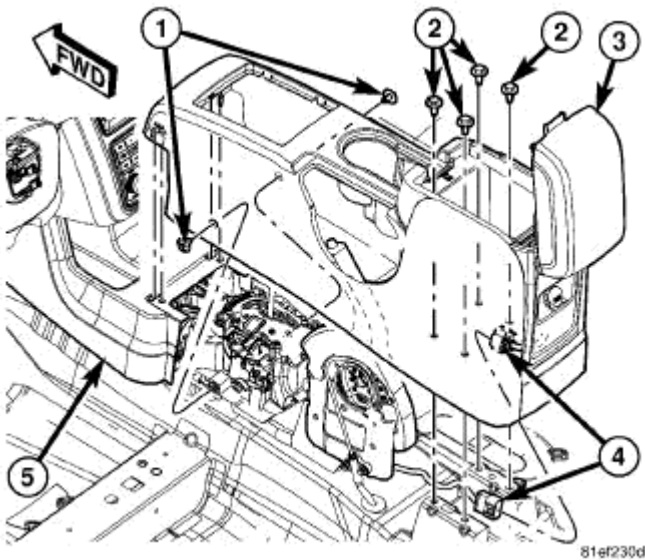


Fig. 138: CENTER CONSOLE
Courtesy of CHRYSLER LLC

1. Remove the shifter bezel and shifter knob.
2. Place the parking brake handle (6) in the up position.
3. Remove the side mounting fasteners (1).
4. Open the console lid (3) and remove the four mounting fasteners (2).
5. Carefully pry up on the front of the center console until the retainers disengage from the instrument panel center console (5).
6. Disconnect the electrical connector (4) at the back of the center floor console.
7. Remove the center floor console from the vehicle.

Installation

INSTALLATION

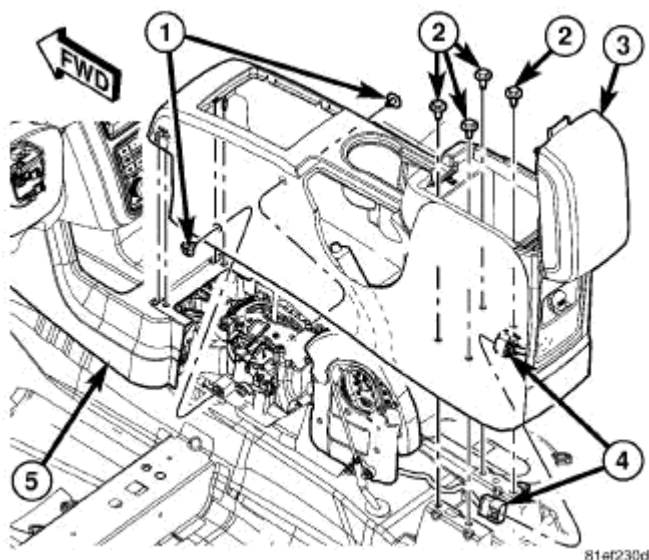


Fig. 139: CENTER CONSOLE
Courtesy of CHRYSLER LLC

1. Install the center floor console into position to the vehicle.
2. Connect the electrical connector (4) at the back of the center floor console.
3. Carefully depress the front of the center console until the retainers engage to the instrument panel center console (5).
4. Install the four mounting fasteners (2) located in the storage bin area.
5. Install the side mounting fasteners (1).
6. Install the shifter bezel and shifter knob.
7. Lower the parking brake handle (6).

HEADLINER

Removal

REMOVAL

NOTE: Do not remove the headliner from the vehicle, unless replacing with a new headliner or it is absolutely necessary.

1. Remove the sun visors by removing the mounting fasteners and disconnect the electrical connector, if equipped.
2. Remove the sun visor support mounting fasteners and remove the support from the headliner.
3. Remove the A-pillar trim panel. See **Body/Interior/PANEL, A-Pillar Trim - Removal**.
4. Remove the B-pillar trim panel. See **Body/Interior/PANEL, B-Pillar Trim - Removal**.
5. Remove the C-pillar trim panel. See **Body/Interior/PANEL, B-Pillar Trim - Removal**.

6. Remove the D-pillar trim panel. See **Body/Interior/PANEL, D-Pillar Trim - Removal**.
7. Remove the overhead console. Refer to **Electrical - Message Systems/Overhead Console - Removal**.
8. Remove the header trim panel by carefully pulling down on the trim disengaging the retainers.
9. Remove the mounting fasteners and remove the grab handles and coat hooks.
10. Remove the left quarter trim panel. See **Body/Interior/PANEL, Quarter Trim - Removal**.
11. Remove the seat belt mounting bracket from the right D-pillar.
12. Lower the first and second row seats as far as possible removing the headrests as necessary.
13. Disconnect electrical connectors.
14. Remove the push-pin retainers at the rear of the headliner.
15. Carefully disengage retaining clips and lower headliner.
16. With the help of an assistant(s), remove the headliner from the vehicle through the lift gate opening.

Installation

INSTALLATION

1. With the help of an assistant(s), carefully install the headliner into the vehicle through the rear liftgate opening. Do not over flex the headliner and be carefully not to crack or mar the headliner.
2. Raise the headliner into position and engage the retainers.
3. Connect the electrical connectors.
4. Install the grab handles and coat hooks. Install the mounting fasteners.
5. Install the overhead console. Refer to **Electrical - Message Systems/Overhead Console - Installation**.
6. Install the D-pillar trim panel. See **Body/Interior/PANEL, D-Pillar Trim - Installation**.
7. Install the C-pillar trim panel. See **Body/Interior/PANEL, C-Pillar Trim - Installation**.
8. Install the B-pillar trim panel. See **Body/Interior/PANEL, B-Pillar Trim - Installation**.
9. Install the A-pillar trim panel. See **Body/Interior/PANEL, A-Pillar Trim - Installation**.
10. Install the quarter trim panel to the vehicle. See **Body/Interior/PANEL, Quarter Trim - Installation**.
11. Install the sun visor support and mounting fasteners.
12. Install the sun visors and mounting fasteners.

HOUSING, SHIFTER

Removal

REMOVAL

AUTOMATIC

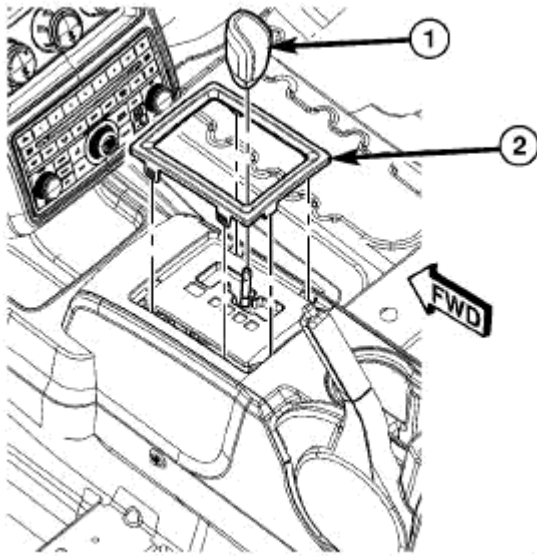


Fig. 140: Lower Cover Of Shift Knob - Automatic
Courtesy of CHRYSLER LLC

1. Disengage the lower cover of the shift knob (1) to access set screw.
2. Remove set screw and remove shift knob.
3. Carefully pry up the shift bezel (2) and remove.

MANUAL

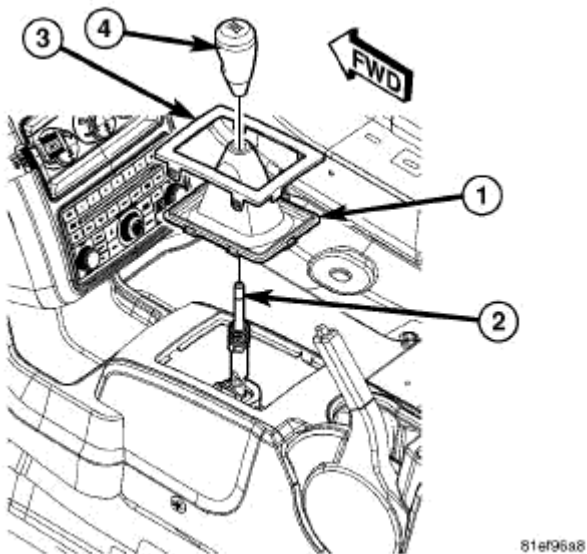


Fig. 141: Lower Cover Of Shift Knob - Manual
Courtesy of CHRYSLER LLC

1. Disengage the lower cover of the shift knob (4) to access set screw.

2. Remove set screw and remove shift knob.
3. Carefully pry up the shift bezel (3) and remove.
4. Carefully pry up on the shift boot (1) and remove from shift shaft (2).

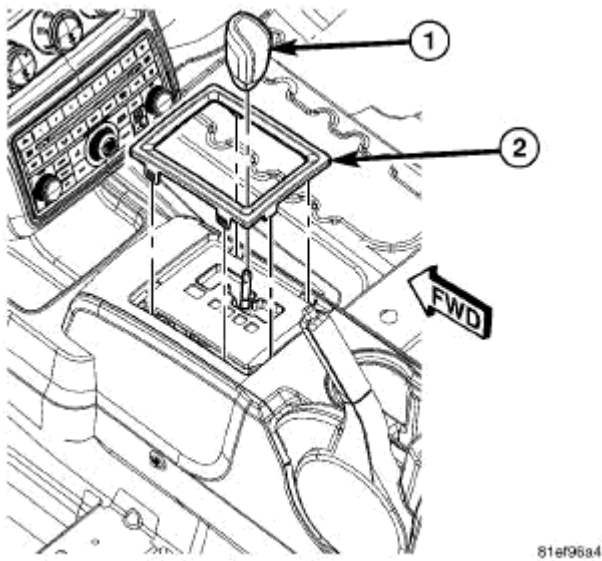
Installation**INSTALLATION****AUTOMATIC**

Fig. 142: Lower Cover Of Shift Knob - Automatic
Courtesy of CHRYSLER LLC

1. Install the shift bezel (2).
2. Remove set screw and remove shift knob (1).
3. Install the lower cover.

MANUAL

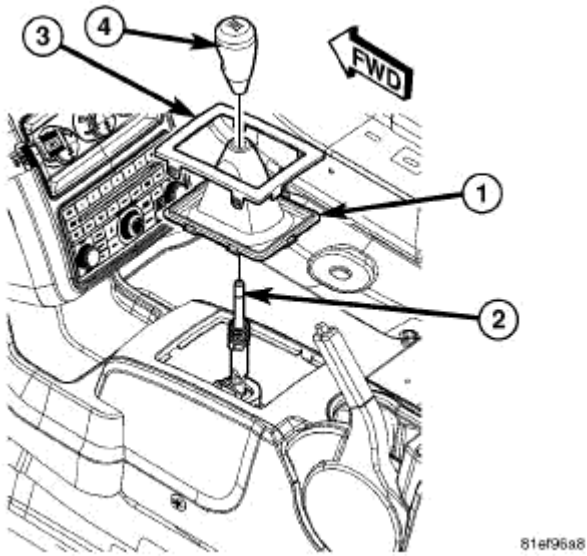


Fig. 143: Lower Cover Of Shift Knob - Manual
Courtesy of CHRYSLER LLC

1. Install the shift boot (1).
2. Install the shift bezel (3).
3. Install the shift knob (4) and install the set screw.
4. Install the lower cover.

MIRROR, REARVIEW

Removal

REMOVAL

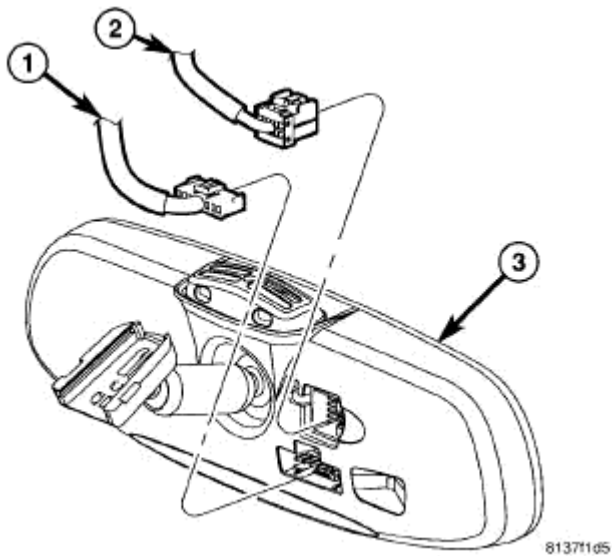


Fig. 144: Inside Rearview Mirror
Courtesy of CHRYSLER LLC

1. If the vehicle is equipped with either the electrochromic (automatic dimming) or the telematic (hands-free phone) mirror option, disconnect and isolate the battery negative cable.
2. If the vehicle is so equipped, disconnect the electrochromic mirror takeout and connector (1) and/or the telematic mirror takeout and connector (2) of the headliner wire harness from the connector receptacle on the back (windshield side) of the mirror housing (3).

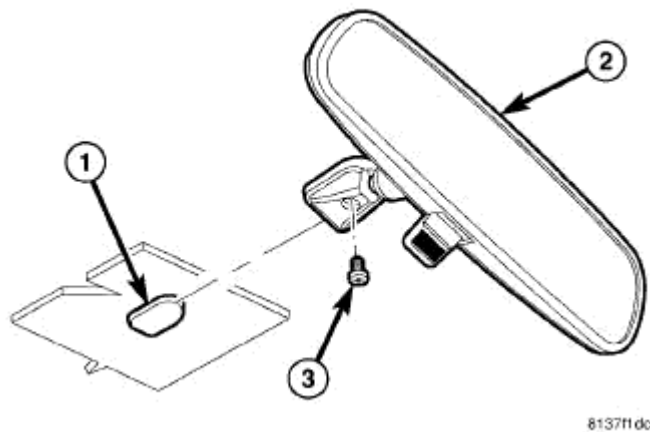


Fig. 145: Removing/Installing Inside Rearview Mirror
Courtesy of CHRYSLER LLC

3. Remove the set screw (3) that secures the rear view mirror (2) to the support bracket/button (1) on the inside of the windshield glass.
4. Slide the rear view mirror upward far enough to disengage it from the support bracket/button.

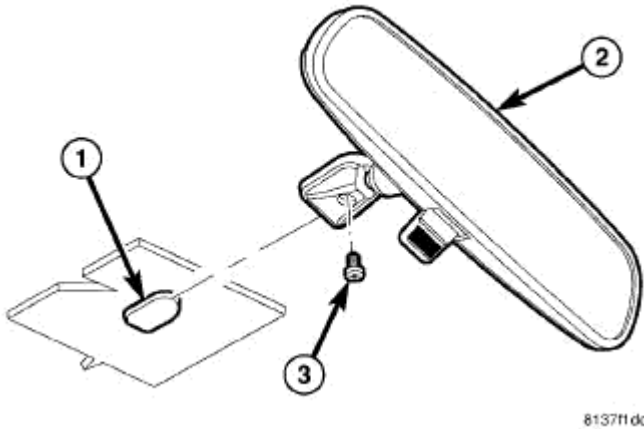
Installation**MIRROR**

Fig. 146: Removing/Installing Inside Rearview Mirror
Courtesy of CHRYSLER LLC

1. Position and slide the rear view mirror (2) downward over the support bracket/button (1) on the inside of the windshield glass.
2. Install and tighten the set screw (3) that secures the rear view mirror to the support bracket/button. Tighten the screw to 2 N.m (17 in. lbs.).

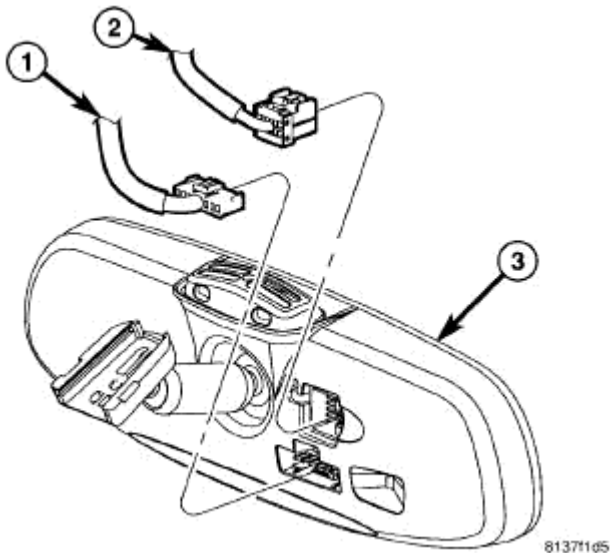


Fig. 147: Inside Rearview Mirror
Courtesy of CHRYSLER LLC

3. If the vehicle is so equipped, route the electrochromic (automatic dimming) mirror takeout and connector

(1) and/or the telematic (hands-free phone) mirror takeout and connector (2) of the headliner wire harness to the left of the mirror support bracket and reconnect it to the connector receptacle on the back (windshield side) of the mirror housing (3).

4. If the vehicle is equipped with either the electrochromic or the telematic mirror option, reconnect the battery negative cable.

REAR VIEW MIRROR BUTTON

NOTE: The rear view mirror button is permanently bonded to the inside of the windshield glass. If the button should become separated from the glass, it may be re-bonded using the following procedure. This procedure requires the use of a Rear View Mirror Adhesive kit that is available through Mopar® in single application packages that include a two-part adhesive and an accelerant with applicator.

1. Mark the proper position for the mirror button on the outside of the windshield glass with a wax pencil. The residual adhesive on the inside of the glass from the prior mirror button installation can be used as a guide.
2. Clean the button contact area on the inside of the glass. Use a mild powdered cleanser on a cloth saturated with rubbing alcohol. Finally, clean the glass with a paper towel dampened with alcohol.
3. Sand the bonding surface (the smaller side) of the support button with fine grit-sandpaper. Wipe the button surface clean with a paper towel.
4. Apply accelerant to the bonding surface of the button according to the following instructions:
 - Crush the accelerant vial to saturate the felt applicator.
 - Remove the paper sleeve.
 - Apply accelerant to the bonding surface of the button.
 - Allow the accelerant to dry for five minutes.
 - Do not touch the button bonding surface after the accelerant has been applied.
5. Apply adhesive accelerant to the button contact area on the inside of the windshield glass. Allow the accelerant to dry for one minute. Do not touch the button contact area of the glass after the accelerant has been applied.
6. Install the button according to the following instructions:
 - Apply one drop of adhesive at the center of the button contact area on the inside of the windshield glass.
 - Apply an even coat of adhesive to the bonding surface of the button.
 - Align the button with the marked position on the windshield glass.
 - Press and hold the button in place for at least one minute.

NOTE: Verify that the mirror button is correctly aligned, because the adhesive will cure rapidly.

7. Allow the adhesive to cure for 8-10 minutes. Remove any excess adhesive with an alcohol-dampened cloth.

8. Allow the adhesive to cure for an additional 8-10 minutes before reinstalling the mirror.

PANEL, A-PILLAR TRIM

Removal

REMOVAL

CAUTION: If the high-retention snap clip (3) is removed from the sheet metal, it will be damaged and must be replaced with a new tether and snap clip unit. Also, if the rosebud on the plastic tether is damaged due to misalignment and does not engage, it must be replaced with a new plastic tether.

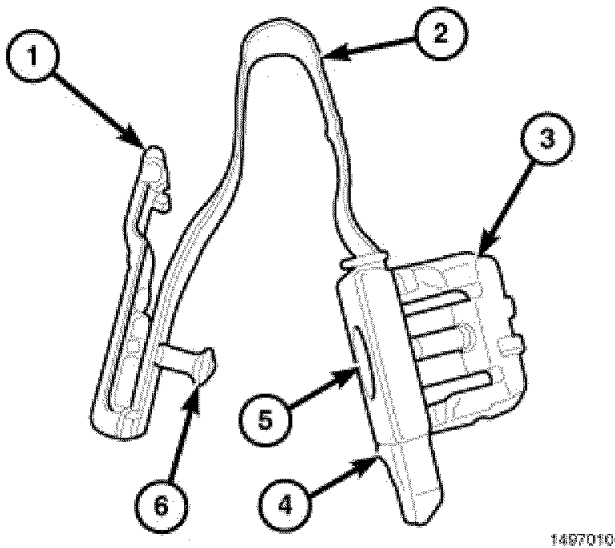


Fig. 148: Rosebud Retainer
Courtesy of CHRYSLER LLC

1. Carefully pull the upper end of the trim away from the A-pillar far enough to disengage the rosebud retainer (6) and unfold the tether (2).
2. Using a screwdriver or equivalent, carefully disengage the tether clip (1) and slide from housing on the A-pillar trim panel.

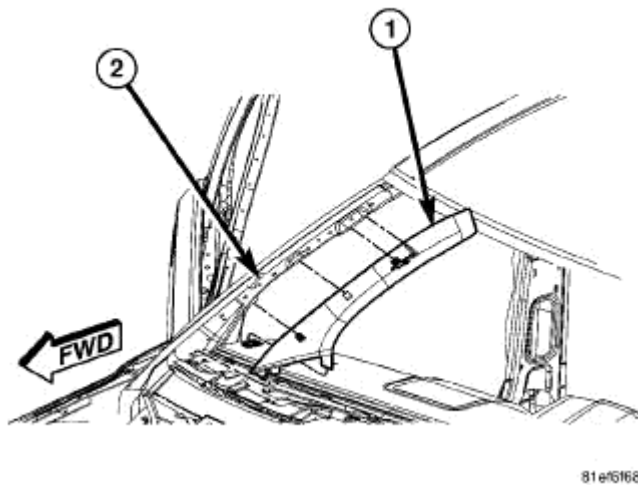


Fig. 149: A-Pillar Trim

Courtesy of CHRYSLER LLC

3. Carefully pull the bottom end of the trim away from the A-pillar to disengage the spring clip retainer.
4. Remove A-pillar trim from vehicle.

Installation

INSTALLATION

CAUTION: If the high-retention snap clip (3) is removed from the sheet metal, it will be damaged and must be replaced with a new tether and snap clip unit. Also, if the rosebud on the plastic tether is damaged due to misalignment and does not engage, it must be replaced with a new plastic tether.

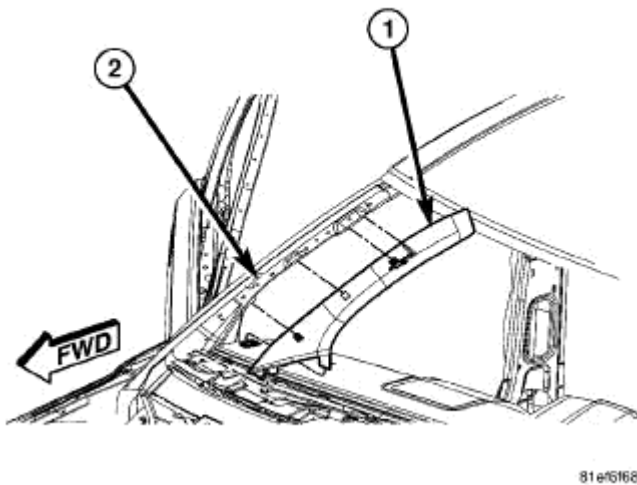


Fig. 150: A-Pillar Trim

Courtesy of CHRYSLER LLC

1. Place A-pillar trim (1) into position.
2. Carefully push the bottom end of the trim onto the A-pillar to engage the spring clip retainer.

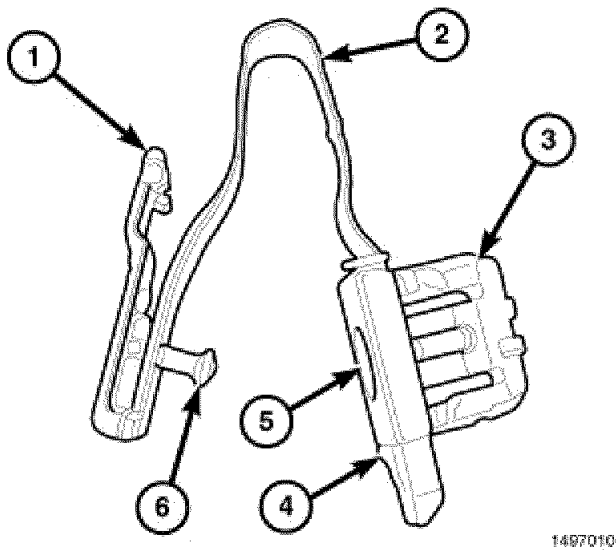
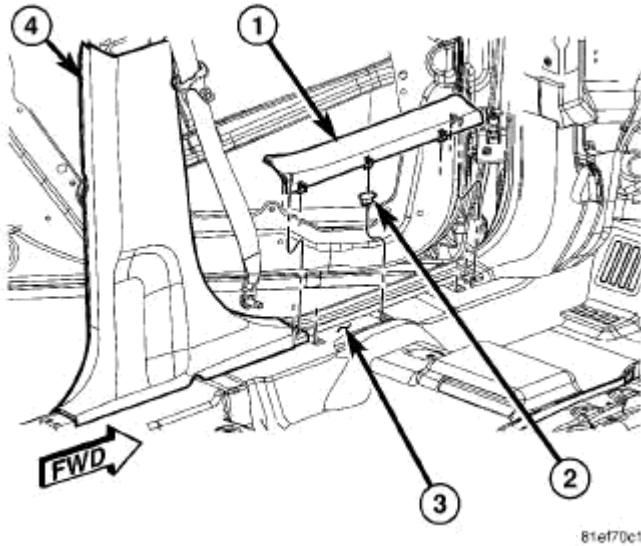


Fig. 151: Rosebud Retainer

Courtesy of CHRYSLER LLC

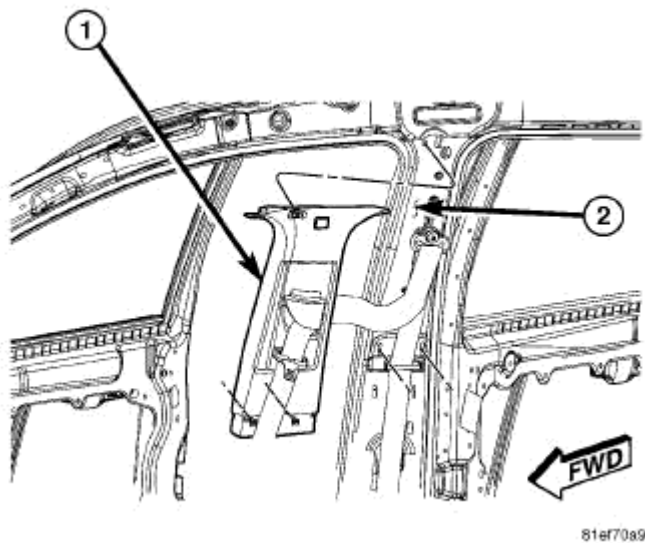
3. Carefully slide the tether (2) into the housing on the A-pillar trim panel and engage the tether clip (1).
4. Carefully engage the rosebud retainer (6) and push the upper end of the trim to the A-pillar and engage the spring clip retainer.

PANEL, B-PILLAR TRIM

Removal**REMOVAL****Fig. 152: Front Door Sill Scuff Plates**

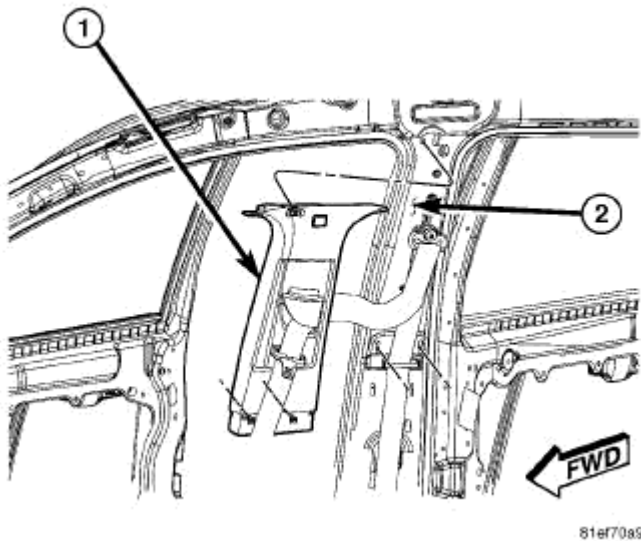
Courtesy of CHRYSLER LLC

1. Remove sill trim panel. See **Body/Interior/PLATE, Scuff - Removal**
2. Remove seat belt anchor. Refer to **Restraints/RETRACTOR, Seat Belt - Removal**
3. Remove the lower B-pillar trim panel.
4. Using trim stick C-4755, remove SRS airbag cover located at top of B-pillar.

**Fig. 153: B-Pillar Trim**

Courtesy of CHRYSLER LLC

5. Move seat belt adjuster all the way down exposing the B-pillar screw. Remove B-pillar screw.
6. Using trim stick C-4755, pry up B-pillar and route seat belt through B-pillar trim. Remove B-pillar bottom first and remove trim from B-pillar.

Installation**INSTALLATION****Fig. 154: B-Pillar Trim****Courtesy of CHRYSLER LLC**

1. Insert top of B-pillar trim locator into position.
2. Before hinging B-pillar upward into place, route seat belt anchor through seat belt adjuster opening.
3. Fasten seat belt anchor to seat. Refer to **Restraints/ADJUSTER, Seat Belt Turning Loop - Installation**
4. Hinge B-pillar trim downward, engaging clips ensuring proper seat.
5. Install B-pillar screw into B-pillar.

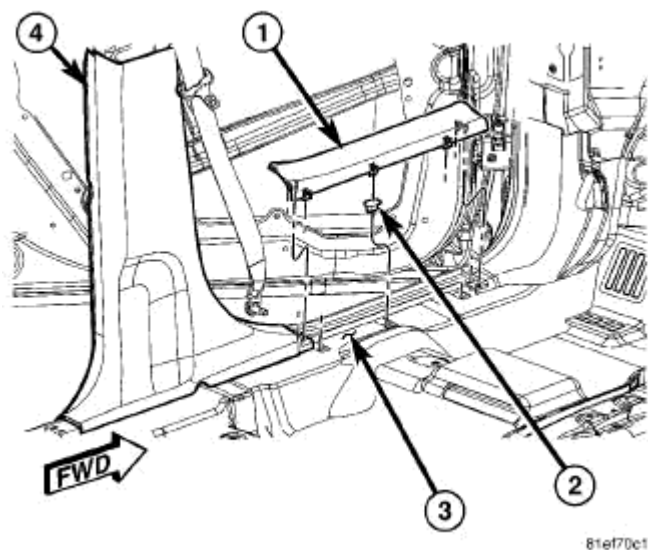


Fig. 155: Front Door Sill Scuff Plates
Courtesy of CHRYSLER LLC

6. Snap SRS airbag anchor cover into place ensuring proper seat.
7. Install the lower B-pillar trim panel.
8. Install the sill trim panel. See **Body/Interior/PLATE, Scuff - Installation.**

PANEL, C-PILLAR TRIM

Removal

REMOVAL

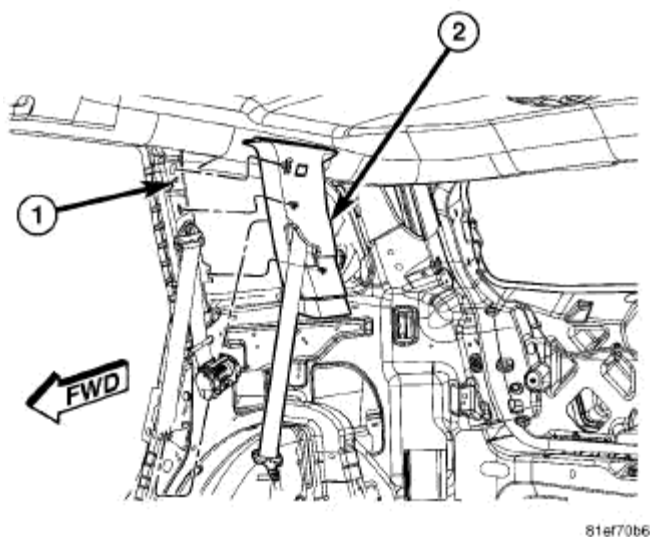


Fig. 156: C-Pillar Trim Panel
Courtesy of CHRYSLER LLC

1. Remove the quarter trim panel. See **Body/Interior/PANEL, Quarter Trim - Removal.**
2. Remove seat belt anchor bolt. Refer to **Restraints/RETRACTOR, Seat Belt - Removal .**
3. Remove the access hole cover and remove the mounting fastener.
4. Using trim stick C-4755, carefully pry the C-pillar out disengaging the retaining clips.
5. Route seat belt through opening and remove C-pillar trim panel from vehicle.

Installation

INSTALLATION

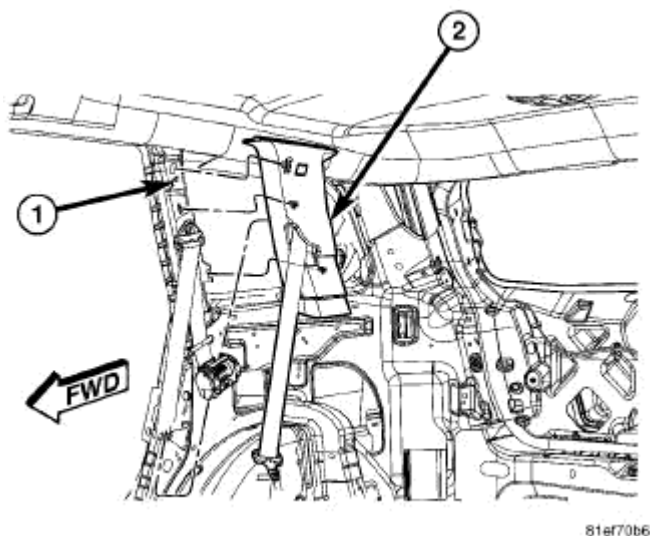


Fig. 157: C-Pillar Trim Panel
Courtesy of CHRYSLER LLC

1. Place upper C-pillar trim into position.
2. Route seat belt through opening in C-Pillar Trim
3. Firmly seat the retaining clips to the C-pillar.
4. Install the mounting fastener and access hole cover.
5. Install bolt attaching seat belt lower anchor to floor. Refer to **Restraints/RETRACTOR, Seat Belt - Installation .**
6. Install quarter panel trim. See **Body/Interior/PANEL, Quarter Trim - Installation.**

PANEL, COWL TRIM

Removal

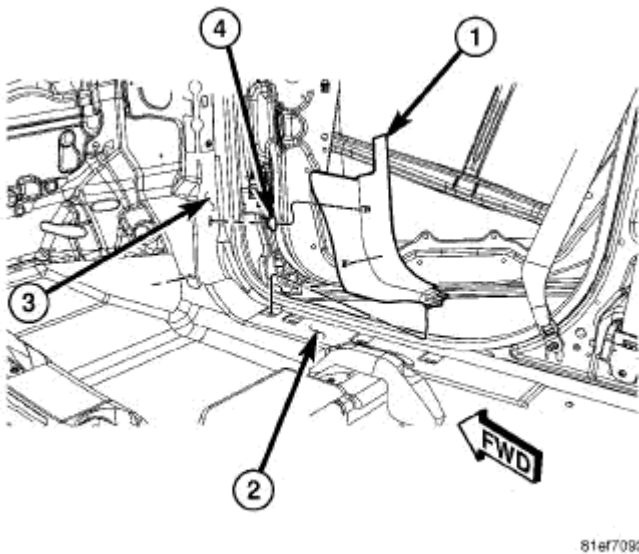
REMOVAL

Fig. 158: Cowl Trim Panels
Courtesy of CHRYSLER LLC

1. Remove door sill trim panel. See **Body/Interior/PLATE, Scuff - Removal**.
2. Using trim stick C-4755, disengage cowl trim panel clips from the corresponding locations in the sheet metal.
3. Remove cowl trim panel from vehicle.

Installation**INSTALLATION**

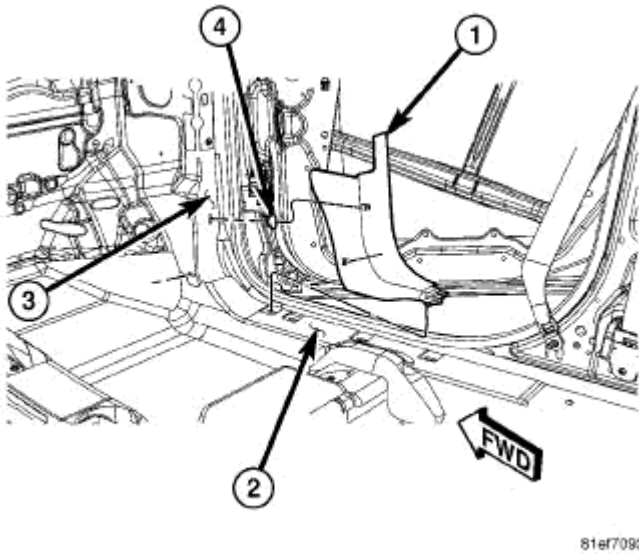


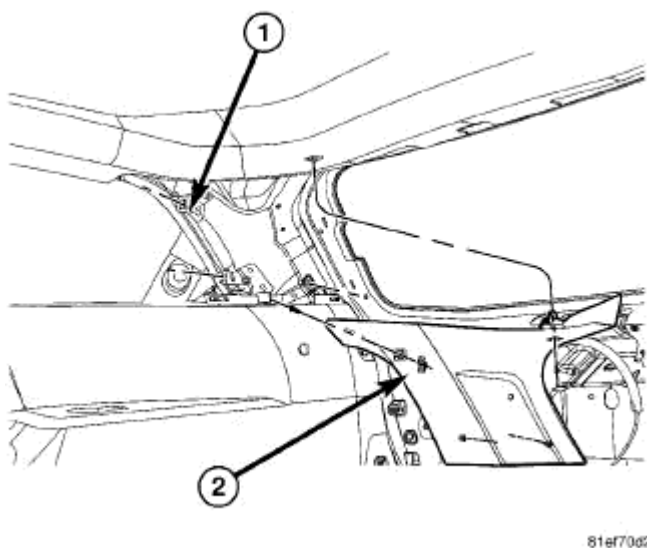
Fig. 159: Cowl Trim Panels
Courtesy of CHRYSLER LLC

1. Ensure plastic retaining nut (3) is installed.
2. Position cowl trim panel (1) to vehicle.
3. Hand press cowl trim panel to corresponding holes in sheet metal.
4. Install door sill trim panel. See **Body/Interior/PLATE, Scuff - Installation.**

PANEL, D-PILLAR TRIM

Removal

REMOVAL



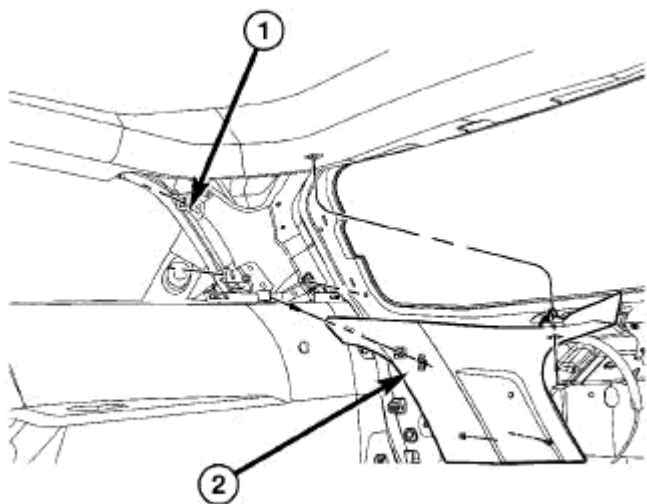
81ef70d2

Fig. 160: D-Pillar Trim Panel
Courtesy of CHRYSLER LLC

1. Remove the rear header trim panel.
2. Remove the access hole covers and remove the mounting fasteners.
3. Using trim stick C-4755, carefully pry the D-pillar out disengaging the retaining clips.
4. Remove the D-pillar from the vehicle.

Installation

INSTALLATION



81ef70d2

Fig. 161: D-Pillar Trim Panel

Courtesy of CHRYSLER LLC

1. Position the D-pillar into position.
2. Firmly seat the retaining clips securing the D-pillar.
3. Install mounting fasteners and access hole covers.
4. Install the rear header trim panel.

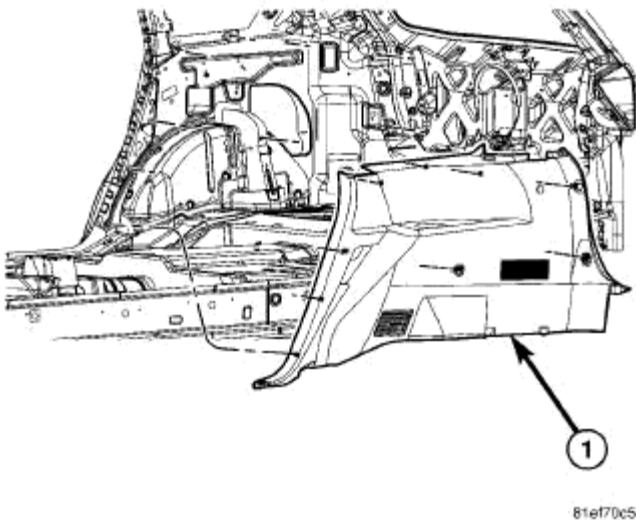
PANEL, QUARTER TRIM**Removal****REMOVAL**

Fig. 162: Quarter Trim Panel
Courtesy of CHRYSLER LLC

1. Remove the second row seats. See **Body/Seats/SEAT - Removal**.
2. Remove the third row seats, if equipped. See **Body/Seats/SEAT - Removal**.
3. Remove the storage box, if equipped. See **Body/Interior/BOX, Storage - Removal**.
4. Remove the door sill plate. See **Body/Interior/PLATE, Scuff - Removal**.
5. Remove the D-pillar trim panel. See **Body/Interior/PANEL, D-Pillar Trim - Removal**.
6. Remove the mounting fasteners.
7. Using trim stick C-4755, carefully pry the quarter trim panel out disengaging the retaining clips.

Installation**INSTALLATION**

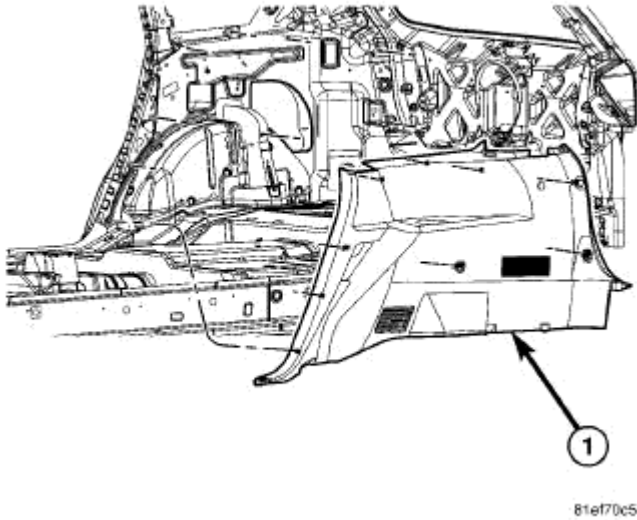


Fig. 163: Quarter Trim Panel
Courtesy of CHRYSLER LLC

1. Install the quarter trim panel.
2. Install the mounting fasteners.
3. Install the door sill plate. See **Body/Interior/PLATE, Scuff - Installation**.
4. Install the D-pillar trim panel. See **Body/Interior/PANEL, D-Pillar Trim - Installation**.
5. Install the storage box, if equipped. See **Body/Interior/BOX, Storage - Installation**.
6. Install the third row seats, if equipped. See **Body/Seats/SEAT - Installation**.
7. Install the second row seats. See **Body/Seats/SEAT - Installation**.

PLATE, SCUFF, DOOR SILL

Removal

REMOVAL

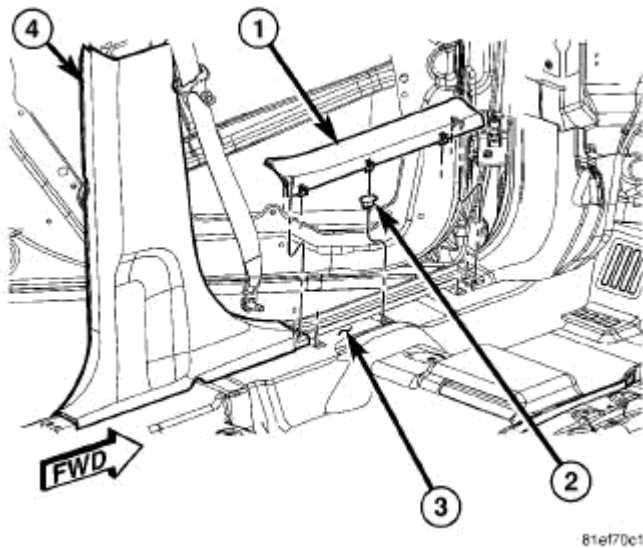


Fig. 164: Front Door Sill Scuff Plates
Courtesy of CHRYSLER LLC

1. Using trim stick C-4755 disengage clips holding door sill scuff panel and to door sill.
2. Starting at forward end of door sill scuff panel, pull upward on sill scuff panel in order to disengage clips attaching sill scuff panel to door opening flange.
3. Remove door sill scuff panel from vehicle.

Installation

INSTALLATION

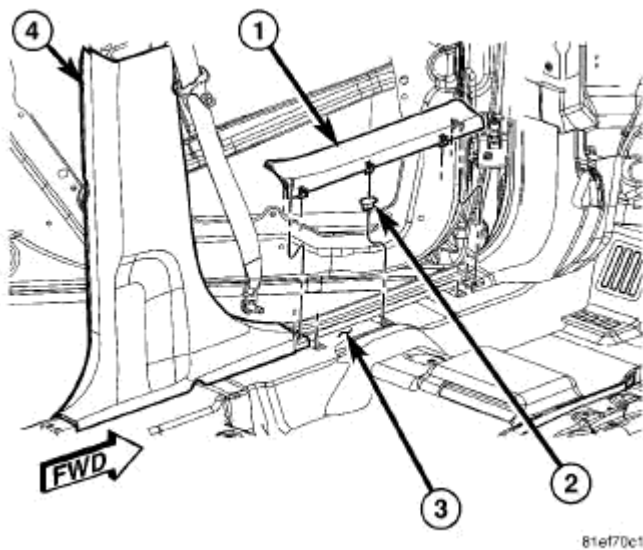
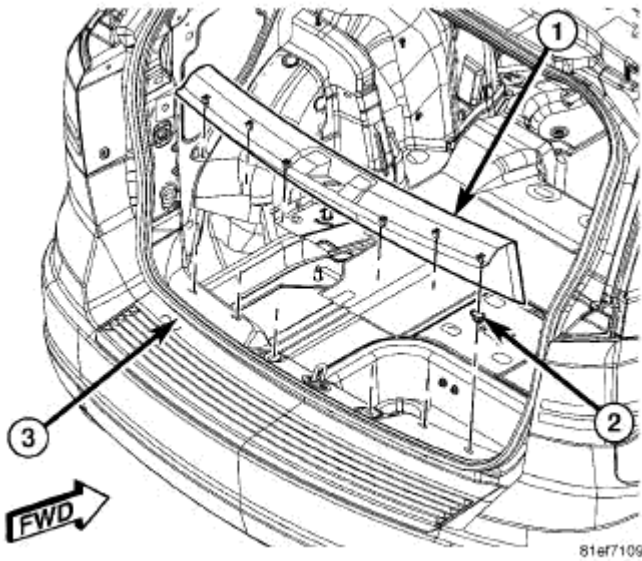


Fig. 165: Front Door Sill Scuff Plates

Courtesy of CHRYSLER LLC

1. Place door sill trim panel into position.
2. Ensure plastic retaining nut is installed.
3. Pushing downward on sill trim panel to engage tabs and attaching clips to the door sill.

PLATE, SCUFF, LIFTGATE SILL**Removal****REMOVAL****Fig. 166: LIFTGATE SILL TRIM PANEL****Courtesy of CHRYSLER LLC**

1. Open the liftgate.
2. Using trim stick C-4755, carefully pry the liftgate sill plate out disengaging the retaining clips.
3. Remove the liftgate sill plate from the vehicle.

Installation**INSTALLATION**

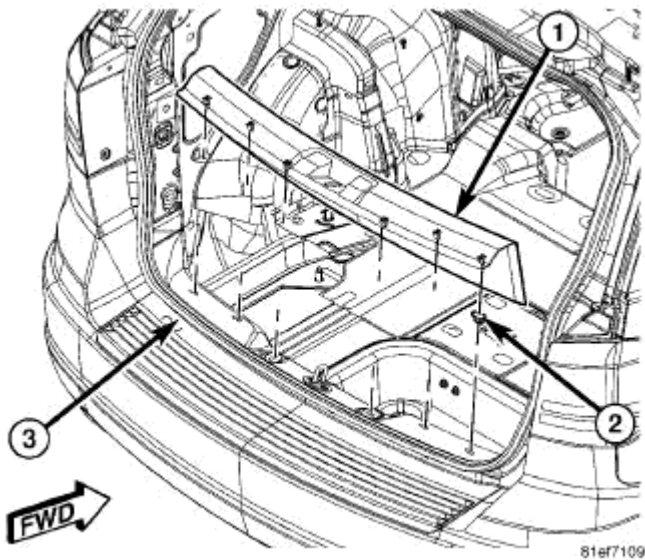


Fig. 167: LIFTGATE SILL TRIM PANEL
Courtesy of CHRYSLER LLC

1. Position the liftgate sill plate into the vehicle.
2. Firmly press the sill plate downward securing the retaining clips.
3. Close the liftgate.

SUPPORT, VISOR

Removal

REMOVAL

1. Disengage sun visor from center support.
2. Remove mounting fasteners attaching support to roof header,
3. Remove support from vehicle.

Installation

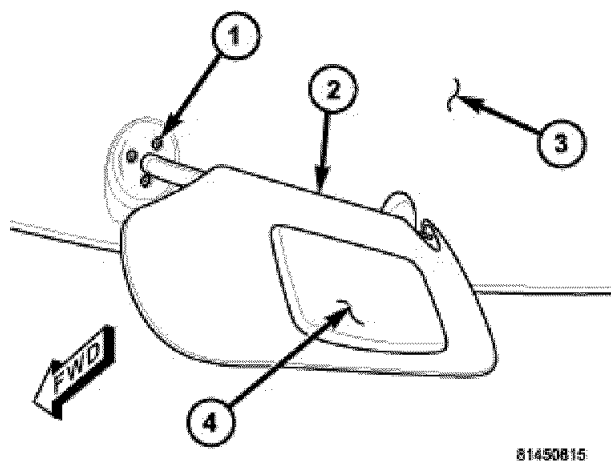
INSTALLATION

1. Place support into position.
2. Install mounting fasteners attaching support to roof header,
3. Engage sun visor to center support.

VISOR

Removal

REMOVAL

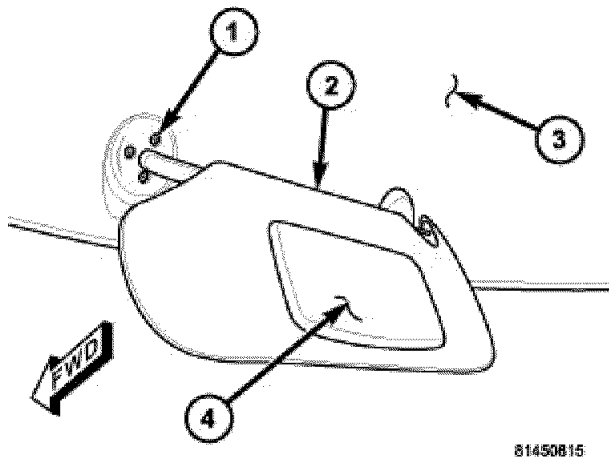
**Fig. 168: Sun Visor**

Courtesy of CHRYSLER LLC

CAUTION: When removing or installing the screws (1), be certain to avoid any wiring or drain tube interference.

1. Remove the three screws (1) that secure each sun visor (2) to the roof panel and remove the visor from the headliner (3).
2. If equipped, disconnect the wire harness connector for the illuminated vanity mirror (4).

Installation**INSTALLATION**

**Fig. 169: Sun Visor**

Courtesy of CHRYSLER LLC

CAUTION: When removing or installing the screws (1), be certain to avoid any wiring or drain tube interference.

1. If equipped, connect the wire harness connector for the illuminated vanity mirror (4).
2. Position the sun visor (2) onto the headliner (3).
3. Install the three screws (1) that secure each sun visor to the roof panel. Tighten the screws to 2.2 N.m (20 in. lbs.).

PAINT

SPECIFICATIONS

PAINT CODES

EXTERIOR COLORS

EXTERIOR COLOR	CHRYSLER CODE
Inferno Red Crystal Pearl Coat	ARH
White Gold Metallic Clearcoat	HWL
Deep Water Blue Pearl Coat	GBS
Silver Steel Metallic Clearcoat	DA4
Bright Silver Metallic Clearcoat	WS2
Brilliant Black Crystal Pearl Coat	AXR
Stone White Clearcoat	SW1

2009 Dodge Journey R/T

2009 ACCESSORIES AND EQUIPMENT Body - Journey

INTERIOR COLORS

INTERIOR COLOR	CHRYSLER CODE
V = Dark Slate Gray	DV
B = Dark Pebble Beige/Pastel Pebble Beige	KA

BASECOAT/CLEARCOAT FINISH

Description

DESCRIPTION

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

**CAUTION: 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 surfaces.
Damage to finish or color can result.**

FINESSE SANDING, BUFFING, AND POLISHING

Description

DESCRIPTION

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

CAUTION: Do not remove clearcoat finish, if equipped. Basecoat paint must retain clearcoat for durability.

PAINT CODE

Description

DESCRIPTION

The paint code is identified on the Vehicle Safety Certification Label which is located on the drivers door shut face. The first digit of the paint code listed on the vehicle indicates the sequence of application, i.e.: P = primary coat, Q = secondary coat. The codes listed in the Color Code Chart are used for manufacturing purposes.

PAINT TOUCH-UP

Description**DESCRIPTION**

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. For a description of the paint codes. See **Body/Paint - Specifications**.

WARNING: Use an OSHA approved respirator and safety glasses when spraying paint or solvents in a confined area. Personal injury can result.

TOUCH UP PROCEDURE

1. Scrape loose paint and corrosion from inside scratch or chip.
2. Clean affected area with Mopar® Tar/Road Oil Remover, and allow to dry.
3. Fill the inside of the scratch or chip with a coat of filler/primer. Do not overlap primer onto good surface finish. The applicator brush should be wet enough to puddle-fill the scratch or chip without running. Do not stroke brush applicator on body surface. Allow the filler/primer to dry hard.
4. Cover the filler/primer with color touch up paint. Do not overlap touch up color onto the original color coat around the scratch or chip. Butt the new color to the original color, if possible. Do not stroke applicator brush on body surface. Allow touch up paint to dry hard.
5. On vehicles without clearcoat, the touch up color can be lightly finesse sanded (1500 grit) and polished with rubbing compound.
6. On vehicles with clearcoat, apply clear top coat to touch up paint with the same technique as described in 4. Allow clear top coat to dry hard. If desired, [5](#) can be performed on clear top coat.

WARNING: Avoid prolonged skin contact with petroleum or alcohol - based cleaning solvents. Personal injury can result.

SEATS, FRONT**ADJUSTER, SEAT, FRONT****Removal****POWER ADJUSTER**

NOTE: See **Body/Seats/SEAT - Description** for a detailed exploded view of the seats.

1. Remove front seat from vehicle. See **Body/Seats/SEAT - Removal**.
2. Remove the seat back from the seat cushion. See **Body/Seats/SEAT BACK - Removal**.
3. Remove the seat cushion. See **Body/Seats/COVER, Seat Cushion - Removal**.
4. Remove the seat wiring harness (37).

5. Remove the STPS sensor (32), if equipped.
6. Remove the wiring bracket fastener (35) and bracket (33).

MANUAL ADJUSTER

NOTE: See **Body/Seats/SEAT - Description** for a detailed exploded view of the seats.

1. Remove the front seat from the vehicle. See **Body/Seats/SEAT - Removal**.
2. Remove the seat back. See **Body/Seats/SEAT BACK - Removal**.
3. Remove the seat cushion. See **Body/Seats/COVER, Seat Cushion - Removal**.
4. Remove the wiring harness (30) from the seat frame.
5. Remove the STPS sensor (32).
6. Remove the wiring bracket fastener (29) and bracket (28).

Installation**POWER ADJUSTER**

NOTE: See **Body/Seats/SEAT - Description** for a detailed exploded view of the seats.

1. Install the wiring bracket fastener (35) and bracket (33).
2. Install the STPS sensor (32), if equipped.
3. Install the seat wiring harness (37).
4. Install the seat cushion. See **Body/Seats/COVER, Seat Cushion - Installation**.
5. Install the seat back to the seat cushion assembly. See **Body/Seats/SEAT BACK - Installation**.
6. Install front seat to vehicle. See **Body/Seats/SEAT - Installation**.

MANUAL ADJUSTER

1. Install the wiring bracket (28) and fastener (29).
2. Install the STPS sensor (32).
3. Install the wiring harness (30) to the seat frame.
4. Install the seat cushion. See **Body/Seats/COVER, Seat Cushion - Installation**.
5. Install the seat back. See **Body/Seats/SEAT BACK - Installation**.
6. Install the front seat to the vehicle. See **Body/Seats/SEAT - Installation**.

BIN, UNDER SEAT STORAGE**Removal****REMOVAL**

NOTE: Refer to the fold flat passenger seat exploded view for illustration. See **Body/Seats/SEAT - Description.**

1. Remove the seat from the vehicle. See **Body/Seats/SEAT - Removal.**
2. Remove the seat side shields. See **Body/Seats/SIDE SHIELDS, Seat Cushion - Removal.**
3. Remove the wiring harness (28) anchors from the seat bottom.
4. Remove the anchors securing the recliner cable (19) from the seat bottom.
5. Remove the seat cover and cushion. See **Body/Seats/COVER, Seat Cushion - Removal.**
6. Fold the seat back forward completely.
7. Remove the front biteline pad (41).
8. Remove the inner left shield (21).
9. Remove the inner right shield (33).
10. Fully recline the seat back.
11. Remove the storage bin (2) from the seat frame.

Installation

INSTALLATION

NOTE: Refer to the fold flat passenger seat exploded view for illustration. See **Body/Seats/SEAT - Description.**

1. With the seat back fully reclined, install the storage bin (2) to the seat frame.
2. Fold the seat back completely forward.
3. Install the inner right shield (33).
4. Install the inner left shield (21).
5. Install the front biteline pad (41).
6. Install the seat cushion and cover. See **Body/Seats/COVER, Seat Cushion - Installation.**
7. Install the anchors securing the recliner cable (19) to the seat bottom.
8. Install the wiring harness (28) anchors to the seat bottom.
9. Install the seat side shields. See **Body/Seats/SIDE SHIELDS, Seat Cushion - Installation.**
10. Install the seat into vehicle. See **Body/Seats/SEAT - Installation.**

COVER, SEAT BACK

Removal

REMOVAL

NOTE: See **Body/Seats/SEAT - Description** for a detailed exploded view of the seats.

NOTE: All call outs are in reference to the Driver Power exploded view unless otherwise noted.

1. Remove the seat from the vehicle. See **Body/Seats/SEAT - Removal**.
2. Remove the seat back. See **Body/Seats/SEAT BACK - Removal**.
3. Remove the lumbar handle cover (23).
4. Remove the retaining fastener (22) and remove the handle (21).
5. Remove the back panel from the seat back. See **Body/Seats/PANEL, Seat Back - Removal**.
6. Remove the J-clips and pushpins on the seat back cover from the frame.
7. Remove the side airbag (SAB) mounting nuts.
8. Disconnect the SAB wiring connector.
9. Remove the SAB from the seat cover.
10. Remove the inner inboard shield (41).
11. Remove the inner outboard shield (28).
12. Remove the headrest guides (12). See **Body/Seats/SLEEVE, Headrest - Removal**.
13. Starting from the bottom rear of the seat back, carefully pull seat cover off seat cushion to expose hog rings.
14. Cut hog rings and discard.
15. Remove the cover from the seat back assembly.
16. Remove the seat cushion foam, if required.

Installation

INSTALLATION

NOTE: See **Body/Seats/SEAT - Description** for a detailed exploded view of the seats.

NOTE: Do not reuse the recliner assembly attaching bolts.

1. Position cover on the top of seat back.
2. Carefully roll cover down to the area that hog rings are to be installed.
3. Install the side airbag (SAB) to the seat back cover.
4. Connect the SAB wiring connector.
5. Install the SAB mounting fasteners.
6. Engage the J-clip retainers to the back frame assembly.
7. Install hog rings.
8. Roll cover downward.
9. Engage the J-clip retainer to the seat frame.
10. Install lumbar handle, if equipped.
11. Install the seat back panel. See **Body/Seats/PANEL, Seat Back - Installation**

12. Install headrest guides. See **Body/Seats/SLEEVE, Headrest - Installation.**
13. Install seat back to seat cushion. See **Body/Seats/SEAT BACK - Installation.**
14. Install the seat to the vehicle. See **Body/Seats/SEAT - Installation.**
15. Check seat back and headrest operation.

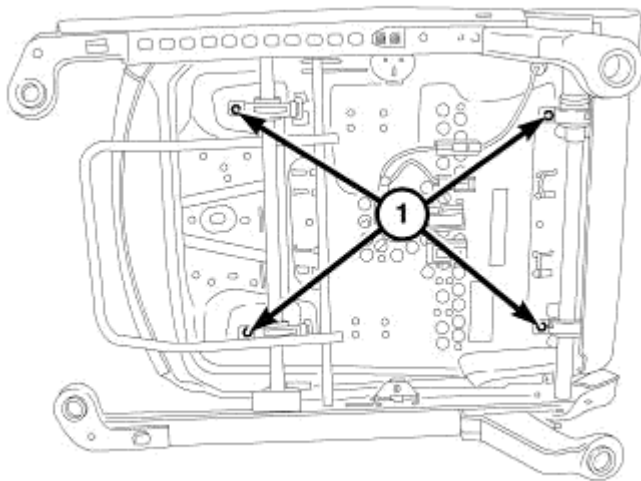
COVER, SEAT CUSHION

Removal

REMOVAL

NOTE: See **Body/Seats/SEAT - Description** for a detailed exploded view of the seats.

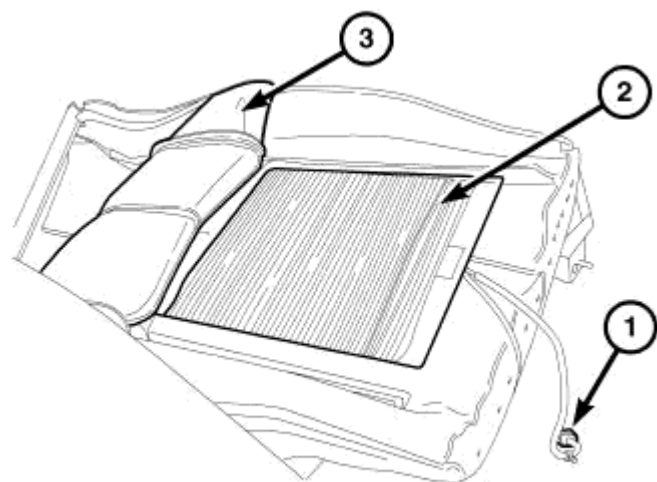
1. Remove seat from vehicle. See **Body/Seats/SEAT - Removal**
2. Remove the wiring harness from the seat pan.



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Fig. 170: SEAT PAN FASTENERS
Courtesy of CHRYSLER LLC

3. Remove four seat pan fasteners (1).
4. Remove the seat pan from the adjuster assembly.
5. Remove the J-clips securing the seat cover to the seat pan, if required.



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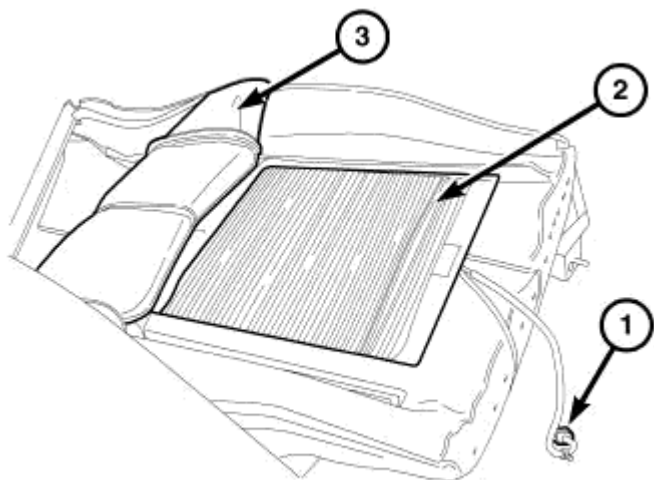
Fig. 171: HEATED SEAT ELEMENT

Courtesy of CHRYSLER LLC

6. Starting at the rear of the seat cushion, carefully pull seat cover (3) down towards the front.
7. Cut and discard hog rings.
8. Remove the seat cover from the foam.

Installation**INSTALLATION**

NOTE: See Body/Seats/SEAT - Description for a detailed exploded view of the seats.



819032ef

Fig. 172: HEATED SEAT ELEMENT

Courtesy of CHRYSLER LLC

1. Install the heated seat element (2) to the seat cushion, if required.
2. Slide the seat cover (3) over the front of the cushion.
3. Install hog rings as the cover is slid over the cushion.

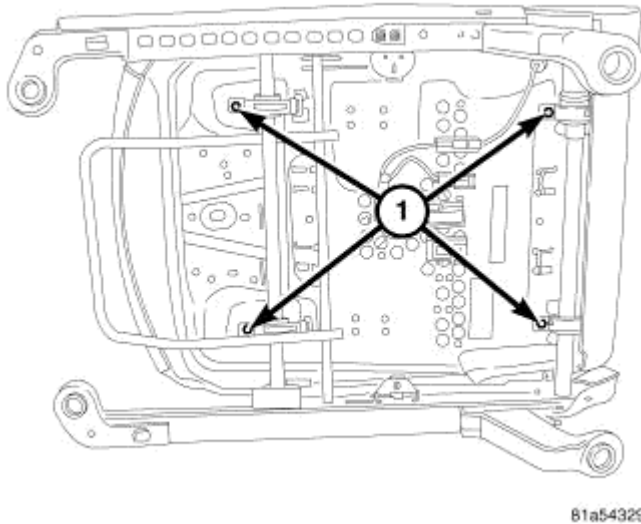


Fig. 173: SEAT PAN FASTENERS
Courtesy of CHRYSLER LLC

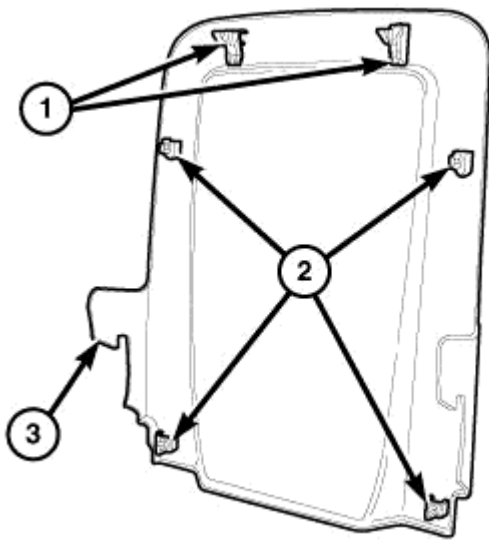
4. Place the seat cushion into position on the seat pan.
5. Install the J-clips securing the seat cushion to the seat pan.
6. Install the seat pan and cushion to the adjuster assembly.
7. Install the mounting fasteners and torque to 12.5 N-m (9 ft. lbs.).
8. Install the seat to the vehicle. See **Body/Seats/SEAT - Installation**.

PANEL, SEAT BACK, FRONT

Removal

REMOVAL

FOLD FLAT SEAT

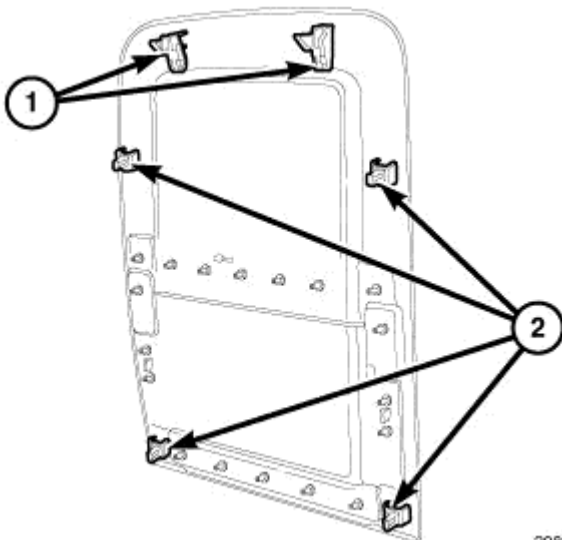


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Fig. 174: Seat Back Retainers
Courtesy of CHRYSLER LLC

1. Carefully disengage the clip retainers (2) by pulling up on the bottom and sides of the back panel.
2. Slide the back panel up to disengage the side retainers (3).
3. While lifting the bottom of the panel, slide the panel down and remove from the seat back disengaging the upper retainers (1).

NON-FOLD FLAT SEAT

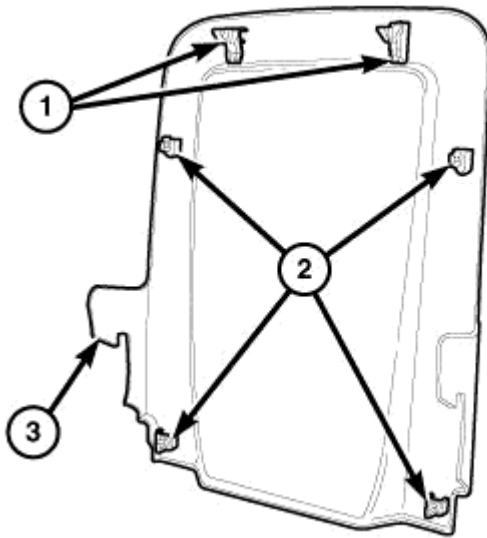


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Fig. 175: Non-Fold Flat Seat Retainers
Courtesy of CHRYSLER LLC

1. Carefully pull the bottom and sides of the panel upwards to disengage the lower clip retainers (2).
2. While lifting the bottom of the back panel, disengage the upper retainers (1) and remove the panel from

the seat back.

Installation**INSTALLATION****FOLD FLAT SEAT**

2068769

Fig. 176: Seat Back Retainers
Courtesy of CHRYSLER LLC

1. While lifting the bottom of the panel up, engage the upper retainers (1) to the seat back.
2. Engage the side retainers (3) to the seat and slide the back panel down into position.
3. Firmly seat the clip retainers (2) securing the back panel to the seat back.

NON-FOLD FLAT SEAT

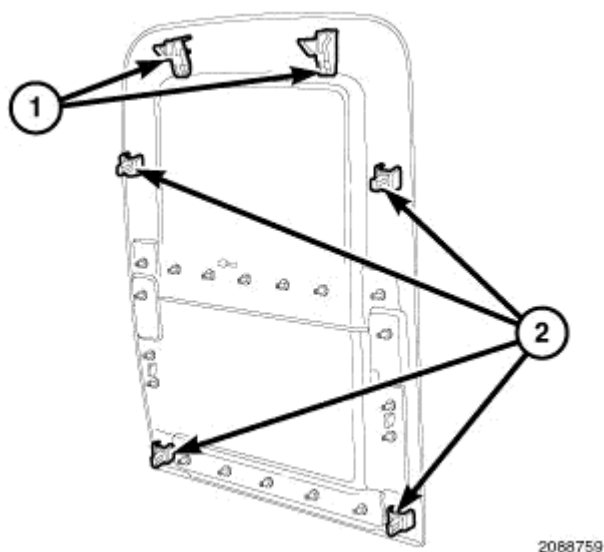


Fig. 177: Non-Fold Flat Seat Retainers
 Courtesy of CHRYSLER LLC

1. While lifting the bottom of the back panel, engage the upper retainers (1) to the seat back.
2. Firmly seat the lower clip retainers (2) securing the back panel to the seat back.

SEAT BACK, FRONT

Removal

REMOVAL

NOTE: See Body/Seats/SEAT - Description for detailed exploded views.

NOTE: All call outs are in reference to the Driver Power exploded view unless otherwise noted.

1. Remove the seat from the vehicle. See Body/Seats/SEAT - Removal.
2. Remove the lift handle cover and mounting fasteners, if equipped.
3. Remove the lift handle, if equipped.
4. Carefully pry the side shield away from the recliner handle (26) and remove the retaining clip.
5. Remove the recliner handle.
6. Remove the rear fastener (31) from the outboard shield (25).
7. Starting at the rear of the outboard shield, carefully pry the side shield until the retainers disengage and slide the shield forward to remove.
8. Remove the seat buckle bolt and buckle (40).
9. Remove the rear fastener (31) from the inboard shield (42).
10. Starting at the rear of the inboard shield, carefully pry the side shield until the retainers disengage and

slide the shield forward to remove.

11. Remove the airbag wiring harness (24) from the seat bottom, ensure the harness is completely removed from the bracket (26) and through recliner mechanism.
12. Remove the outboard and inboard seat back bolts (30).
13. Remove the seat back from the seat cushion assembly.

Installation

INSTALLATION

NOTE: See Body/Seats/SEAT - Description for detailed exploded views.

NOTE: All call outs are in reference to the Driver Power exploded view unless otherwise noted.

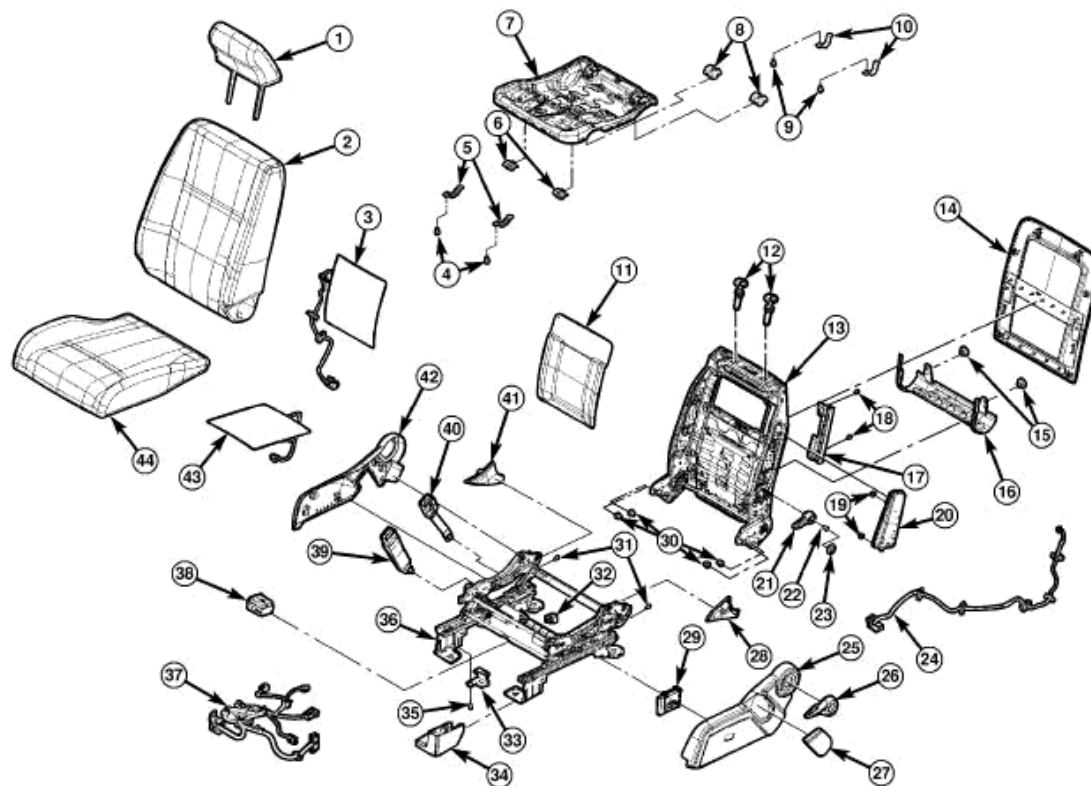
1. Install the seat back to the seat cushion assembly.
2. Install the outboard and inboard seat back bolts and torque to 40 N-m (29 ft. lbs.).
3. Install the airbag wiring harness to the seat bottom.
4. Install the inboard shield.
5. Install the rear fastener to the inboard shield.
6. Install the seat buckle bolt and buckle. Tighten to 45 N-m (33 ft. lbs.).
7. Install the outboard shield.
8. Install the rear fastener to the outboard shield.
9. Install the recliner handle retaining clip.
10. Install the recliner handle.
11. Install the lift handle, if equipped.
12. Install the mounting fasteners and lift handle cover, if equipped.
13. Install the seat to the vehicle. See Body/Seats/SEAT - Removal.

SEAT, FRONT

Description

DESCRIPTION

WARNING: Discard and replace the seat back bolts with new bolts when servicing. Installing used bolts may result in the loosening of the seat back bolts after repair. Failure to follow these instructions may result in serious or fatal injury.



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Fig. 178: Front Seat - Driver Power
Courtesy of CHRYSLER LLC

1. HEADRES	23. CAP, LUMBER HANDLE
2. CUSHION/COVER, SEAT BACK	24. HARNESS, AIRBAG WIRING
3. BACK, HEATER PAD	25. SHIELD, SIDE
4. SCREW	26. HANDLE, RECLINER
5. CLAMP BAND, FRONT	27. COVER, SEAT BELT ANCHOR
6. BRACKET, FRONT PAN	28. FLANGE, OUTBOARD RETURN
7. CUSHION PAN, FRONT	29. SWITCH, POWER SEAT
8. BRACKET, REAR PAN	30. SCREW
9. SCREW	31. SCREW
10. CLAMP BAND, REAR	32. SENSOR, STPS
11. BAG, ANTI-SQUEAK	33. BRACKET, WIRING
12. GUIDES, HEADREST	34. COVER, RISER
13. FRAME, SEAT BACK	35. SCREW
14. PANEL, BACK W/MAP POCKET	36. ASSEMBLY, TRACK
15. TREE CLIP, SUB PANEL	37. HARNESS, WIRING
16. BASE, SUB PANEL	38. MODULE, HEATED SEAT
17. BRACKET, SIDE AIRBAG	39. BUCKLE, SEAT (INTERNATIONAL)
18. PIN, PUSH	40. BUCKLE, SEAT

2009 Dodge Journey R/T

2009 ACCESSORIES AND EQUIPMENT Body - Journey

19. NUT, LOCK	41. FLANGE, INNER RETURN
20. AIRBAG, SIDE	42. SHIELD, SIDE
21. HANDLE, LUMBER	43. CUSHION, HEATER PAD
22. SCREW	44. CUSHION/COVER, SEAT

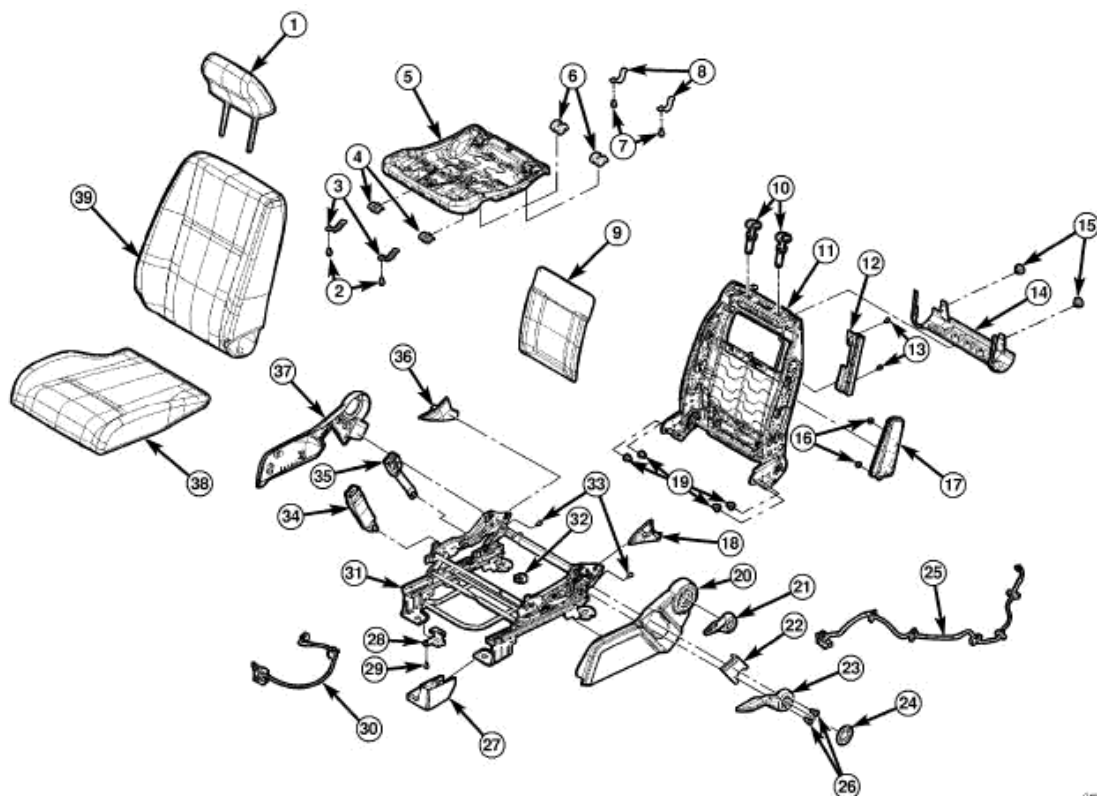


Fig. 179: Front Seat - Driver Manual
Courtesy of CHRYSLER LLC

1. HEADREST	21. HANDLE, RECLINER
2. SCREW	22. COVER, SEAT BELT ANCHOR
3. CLAMP BAND, FRONT	23. HANDLE, LIFT
4. BRACKET, FRONT PAN	24. CAP, LIFT HANDLE
5. CUSHION PAN, FRONT	25. HARNESS, AIRBAG
6. BRACKET, REAR PAN	26. SCREW
7. SCREW	27. COVER, RISER
8. CLAMP BAND, REAR	28. BRACKET, WIRING
9. BAG, ANTI-SQUEAK	29. SCREW
10. GUIDES, HEADREST	30. HARNESS, WIRING
11. FRAME, SEAT BACK	31. ASSEMBLY, TRACK
12. BRACKET, SIDE AIRBAG	32. SENSOR, STPS.
13. PIN, PUSH	33. SCREW

2009 Dodge Journey R/T

2009 ACCESSORIES AND EQUIPMENT Body - Journey

14. BASE, SUB PANEL	34. BUCKLE, SEAT (INTERNATIONAL)
15. TREE CLIP, SUB PANEL	35. BUCKLE, SEAT DOMESTIC
16. NUT, LOCK	36. FLANGE, INNER RETURN
17. AIRBAG, SIDE	37. SHIELD, SIDE
18. FLANGE, OUTBOARD RETURN	38. CUSHION/COVER, SEAT
19. BOLTS, SEAT BACK	39. CUSHION/COVER, SEAT BACK
20. SHIELD, SIDE	-

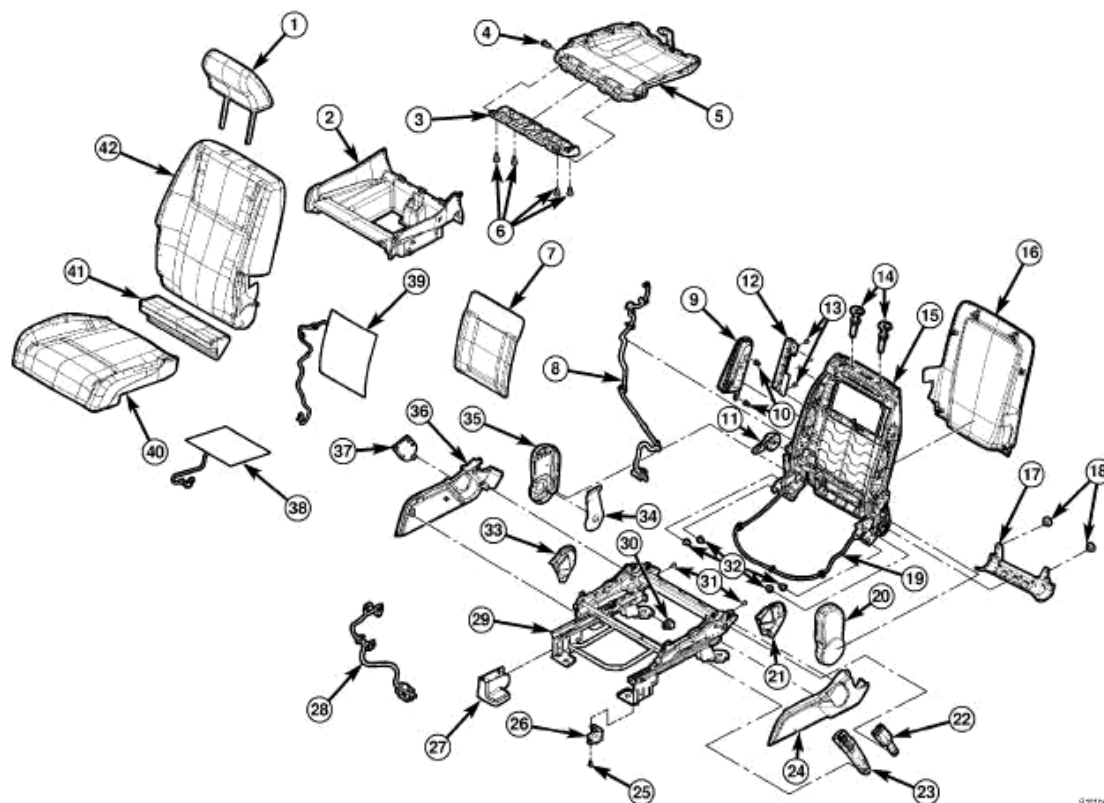


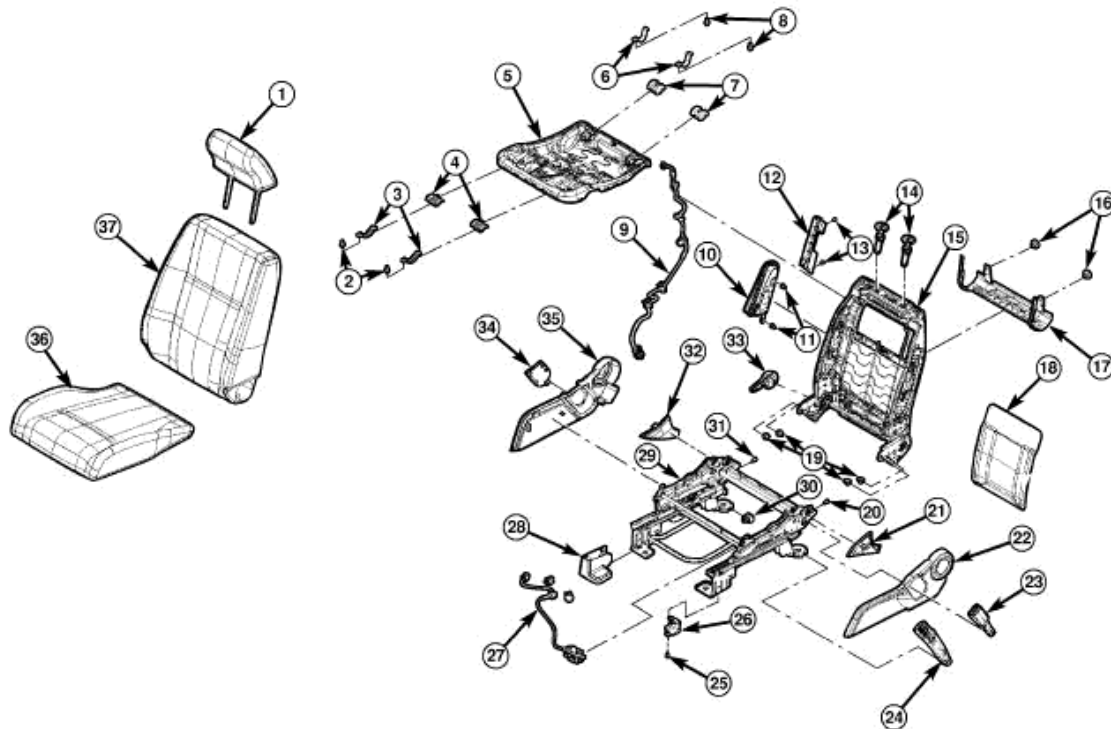
Fig. 180: Front Seat - 2 Way Passenger-Fold Flat
Courtesy of CHRYSLER LLC

1. HEADREST	22. BUCKLE, SEAT DOMESTIC
2. BIN, STORAGE	23. BUCKLE, SEAT INTERNATIONAL
3. BRACKET, FRONT MOUNTING	24. SHIELD, SIDE INBOARD
4. BOLT, PIVOT	25. SCREW
5. FRAME, CUSHION	26. BRACKET, WIRING
6. SCREW	27. COVER, RISER
7. BAG, ANTI-SQUEAK	28. HARNESS, WIRING
8. HARNESS, AIRBAG WIRING	29. ASSEMBLY, TRACK
9. AIRBAG, SIDE	30. SENSOR, STPS
10. NUT, LOCK	31. SCREW

2009 Dodge Journey R/T

2009 ACCESSORIES AND EQUIPMENT Body - Journey

11. HANDLE, RECLINER	32. SCREW
12. BRACKET, SIDE AIRBAG	33. SHIELD, INNER RIGHT
13. PIN, PUSH	34. PLATE, WIRE
14. GUIDES, HEADREST	35. SHIELD, UPPER OUTBOARD
15. FRAME, SEAT BACK	36. SHIELD, SIDE OUTBOARD
16. ASSEMBLY, BACK PANEL	37. COVER, SEAT BELT ANCHOR
17. BASE, SUB PANEL	38. HEAT PAD, CUSHION
18. TREE CLIP, SUB PANEL	39. HEAT PAD, SEAT BACK
19. CABLE ASSEMBLY, FOLD FLAT	40. CUSHION/COVER, SEAT
20. SHIELD, UPPER INBOARD	41. PAD, FRONT BITELINE
21. SHIELD, INNER LEFT	42. CUSHION/COVER, SEAT BACK



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Fig. 181: Front Seat - 2 Way Passenger
Courtesy of CHRYSLER LLC

1. HEADREST	20. SCREW
2. SCREW	21. SHIELD, INNER LEFT
3. CLAMP BAND, FRONT	22. SHIELD, SIDE INBOARD
4. BRACKET, FRONT PAN	23. BUCKLE, SEAT DOMESTIC
5. CUSHION PAN, FRONT	24. BUCKLE, SEAT INTERNATIONAL
6. CLAMP BAND, REAR	25. SCREW

2009 Dodge Journey R/T

2009 ACCESSORIES AND EQUIPMENT Body - Journey

7. BRACKET, REAR PAN	26. BRACKET, WIRING
8. SCREW	27. HARNESS, WIRING
9. HARNESS, AIRBAG WIRING	28. COVER, RISER
10. AIRBAG, SIDE	29. ASSEMBLY, TRACK
11. NUT, LOCK	30. SENSOR, STPS
12. BRACKET, SIDE AIRBAG	31. SCREW
13. PIN, PUSH	32. SHIELD, INNER RIGHT
14. GUIDES, HEADREST	33. HANDLE, RECLINER
15. FRAME, SEAT BACK	34. COVER, SEAT BELT ANCHOR
16. TREE CLIP, SUB PANEL	35. SHIELD, SIDE OUTBOARD
17. BASE, SUB PANEL	36. CUSHION/COVER, SEAT
18. BAG, ANTI-SQUEAK	37. CUSHION/COVER, SEAT BACK
19. SCREW	-

Removal

REMOVAL

NOTE: See Body/Seats/SEAT - Description for a detailed exploded view of the seats.

1. Remove the headrest.
2. Slide seat forward.
3. Using a trim stick C-4755 or equivalent, remove the seat belt anchor trim.
4. Remove both rear seat adjuster bolts.
5. Remove seat belt anchor bolt attaching seat belt to seat.
6. Slide seat rearward.
7. Disconnect and isolate the negative battery cable.
8. Remove both front seat adjuster bolts.
9. Disconnect all electrical connectors.

CAUTION: Caution should be taken not to handle seat by adjuster release bar when removing spring loaded seat from vehicle.

10. Remove front seat from vehicle.

Installation

INSTALLATION

CAUTION: Do not handle by seat adjuster release bar.

NOTE: Ensure that the seat tracks are rearward. Ensure the seat tracks on the right and left are in equal latch positions.

NOTE: See Body/Seats/SEAT - Description for a detailed exploded view of the seats.

1. Place front seat in position in vehicle.
2. Connect front seat wire harness connector to body harness connector.
3. Install bolts to attach front of seat adjuster to the floor. Tighten bolts to 65 N.m (48 ft. lbs.).
4. Slide seat forward and install bolts attaching rear of seat track to the floor. Tighten bolts to 65 N.m (48 ft. lbs.).
5. Install seat belt anchor bolt through seat belt and snap seat belt anchor cover to seat cover side shield.
6. Connect the battery negative cable.
7. Verify front seat operation.

SIDE SHIELDS, SEAT CUSHION, FRONT

Removal

REMOVAL

NOTE: See Body/Seats/SEAT - Description for detailed exploded views.

NOTE: All call outs are in reference to the Driver Power exploded view unless otherwise noted.

1. Remove the seat from the vehicle. See Body/Seats/SEAT - Removal.
2. Remove the lift handle cover and mounting fasteners, if equipped.
3. Remove the lift handle, if equipped.
4. Remove the recliner handle retainer and handle.
5. Remove the seat belt buckle bolt and buckle.
6. Remove the rear fastener on the outboard shield.
7. Remove the rear fastener on the inboard shield.
8. Remove the appropriate side shield.

Installation

INSTALLATION

NOTE: See Body/Seats/SEAT - Description for detailed exploded views.

NOTE: All call outs are in reference to the Driver Power exploded view unless otherwise noted.

1. Install the side shield.
2. Install the rear fastener on the inboard shield.
3. Install the rear fastener on the outboard shield.
4. Install the seat belt buckle bolt and buckle.
5. Install the recliner handle retainer and handle.
6. Install the lift handle, if equipped.
7. Install the lift handle cover and mounting fasteners, if equipped.
8. Install the seat to the vehicle. See **Body/Seats/SEAT - Removal**.

SLEEVE, HEADREST

Removal

REMOVAL

NOTE: See **Body/Seats/SEAT - Description** for a detailed exploded view of the seats.

1. Remove the headrest.
2. If equipped, remove the back panel (14) or unzip the seat back cover.
3. Remove the J-clip from the bottom rear of the seat back.
4. Squeeze the detents at the bottom of the headrest guides then lightly tap the headrest guides (12) until the retaining clips disengage from the seat frame.
5. Remove the headrest guides from the seat back.

Installation

INSTALLATION

NOTE: See **Body/Seats/SEAT - Description** for a detailed exploded view of the seats.

1. Install the headrest guides to the seat back.
2. Lightly tap the headrest guides (12) until the retaining clips engage the seat frame.
3. Zip the seat back cover.
4. Install the J-clip to the bottom rear of the seat back.
5. Install the back panel (14), if equipped.
6. Install the headrest.

SEATS, SECOND ROW

ADJUSTER, SEAT TRACK, SECOND ROW

Removal

REMOVAL

1. Remove the seat cushion. See **Body/Seats/COVER, Seat Cushion - Removal**.
2. Remove the rear plastic shield fasteners and shields.
3. Remove the bottom plastic shield by carefully prying up on the shield until the retainers disengage.
4. Remove the cables and cable assemblies.
5. Remove the frame to adjuster fasteners and separate.
6. Remove the adjuster latch mounting nuts and remove the latch.

Installation**INSTALLATION**

1. Install the adjuster latch mounting nuts and install the latch.
2. Position the frame to the adjuster assembly.
3. Install the frame to adjuster fasteners. Tighten to 30 N-m (22 ft. lbs.).
4. Install the cables and cable assemblies.
5. Install the bottom plastic shield ensuring the retainers engage.
6. Install the rear plastic shield shields and fasteners.
7. Install the seat cushion and cover. See **Body/Seats/COVER, Seat Cushion - Installation**.

ARMREST, SECOND ROW**Removal****REMOVAL**

1. Position the 40 split seat with back folded flat, to the full forward position.
2. Partially remove the armrest side shield and remove the mounting fastener.
3. With the armrest folded down, remove the two mounting fasteners located on the inside of the armrest bracket.
4. Remove the armrest from the vehicle.

NOTE: Only perform the following steps if the cover or foam replacement is required.

5. Remove the armrest plastic cover, by carefully prying up until the retainers disengage.
6. If equipped, remove the headrest.
7. Remove the headrest sleeves, if equipped.
8. Carefully pull the seat cover off of the armrest and remove the cover.
9. Remove the foam as required.

Installation

INSTALLATION

1. Install the foam, if required.
2. Carefully install the seat cover to the armrest.
3. If equipped, install the headrest sleeves to the armrest.
4. Install the headrest, if equipped.
5. Install the armrest plastic cover, ensuring the retainers engage.
6. Position the armrest to the vehicle.
7. With the armrest folded down, install the two mounting fasteners located on the inside of the armrest bracket. Tighten to 40 N-m (29 ft. lbs.).
8. Install the outboard armrest mounting fastener. Tighten to 30 N-m (22 ft. lbs.).

COVER, SEAT BACK**Removal****REMOVAL**

1. Remove the folding seat handle cover, mounting fasteners and handle from the seat back.
2. Remove the seat belt trim, if required.
3. Remove the headrest and headrest guides.
4. Fold the seat back down flat.
5. For the 60 split seat only, remove the seat belt anchor bolt.
6. Remove the back panel from the seat back. See **Body/Seats/PANEL, Seat Back - Removal**.
7. Release the seat cover clips from the seat back.
8. Carefully pull the seat cover and foam away from the seat back frame.
9. If required, feed the seat belt through the seat cover.
10. Carefully pull the cover off of the foam, cutting any hog rings and discarding.

Installation**INSTALLATION**

1. Carefully install the cover to the foam, installing any hog rings.
2. If required, feed the seat belt through the seat cover.
3. Position the seat cover and foam to the seat back frame.
4. Install the seat cover clips to the seat back.
5. Install the seat back panel. See **Body/Seats/PANEL, Seat Back - Installation**.
6. For the 60 split seat only, install the seat belt anchor bolt. Tighten to 49 N-m (36 ft. lbs.).
7. Fold the seat back up.
8. Install the headrest guides and headrest.

9. Install the seat belt trim, if required.
10. Install the folding seat handle, mounting fasteners and cover to the seat back.

COVER, SEAT CUSHION, SECOND ROW

Removal

REMOVAL

NOTE: Only the 40 split seat must be removed to replace the seat cushion.

1. For the 40 split seat only, remove the seat from the vehicle. See **Body/Seats/SEAT - Removal**.
2. Remove the seat recliner handle cover and fastener.
3. Remove the seat recliner handle.
4. Remove the seat adjuster handle cover and fastener.
5. Remove the seat adjuster handle.
6. Remove the seat side shields.
7. Remove the outboard seat bolt securing the seat cushion to the seat frame.
8. For the 40 split seat only, remove the inboard seat cushion mounting fastener.
9. Pull the release latch and push up on seat cushion to separate from the seat frame.
10. Remove the cable assembly from the seat cushion.
11. Remove the gas strut from the seat cushion, if equipped.
12. Remove the cushion from the seat frame.
13. Unzip the cover from the cushion.
14. Carefully pull the seat cover off of the seat cushion, cutting any hog rings and discarding them, if required.

Installation

INSTALLATION

1. Carefully pull the seat cover over the seat foam, installing any hog rings, if required.
2. Zip the cover on to the foam.
3. Install the cushion to the seat frame.
4. Install the gas strut to the seat cushion, if equipped.
5. Install the cable assembly to the seat cushion.
6. Ensure the seat cushion is latched into the seat frame.
7. Install the outboard seat bolt securing the seat cushion to the seat frame. Tighten to 30 N-m (22 ft. lbs.).
8. Install the inboard seat bolt, if required.
9. Install the seat side shields.
10. Install the seat recliner handle.

11. Install the seat recliner handle fastener and cover.
12. Install the seat adjuster handle.
13. Install the seat adjuster handle fastener and cover.
14. Install the seat to the vehicle, if required. See **Body/Seats/SEAT - Installation**.

PANEL, SEAT BACK, SECOND ROW

Removal

REMOVAL

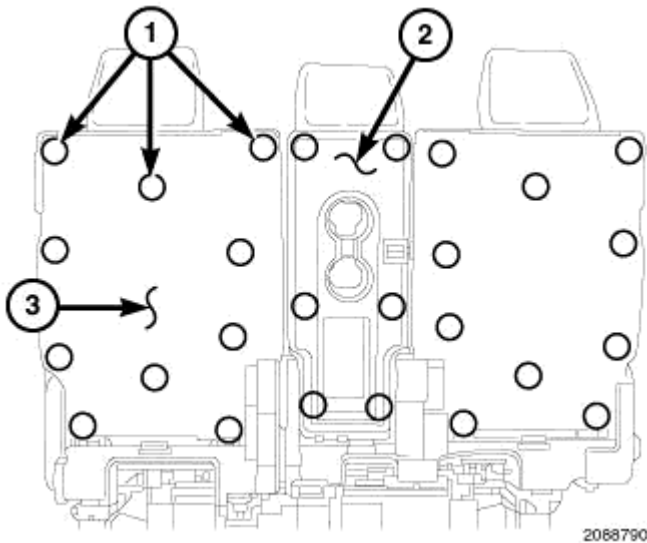


Fig. 182: Retainers On Seat Back Panels & Armrest
Courtesy of CHRYSLER LLC

1. Note the locations (1) of the retainers on the seat back panels (3) and armrest (2).

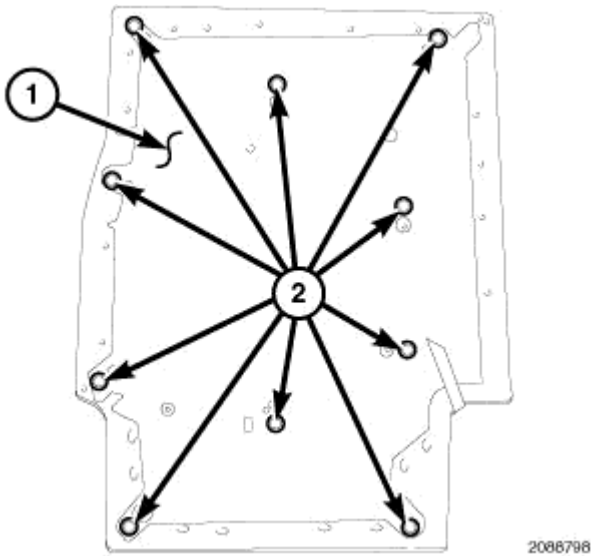


Fig. 183: Seat Back Panel Retainers
Courtesy of CHRYSLER LLC

CAUTION: Use care when removing the pushpins on the back panel from the seat back. Failure to do so will result in damage to the back panel.

2. Using a clip removal tool or equivalent, carefully disengage the retainers (2) that secure the seat back panel (1).
3. Remove the back panel from the seat.

Installation

INSTALLATION

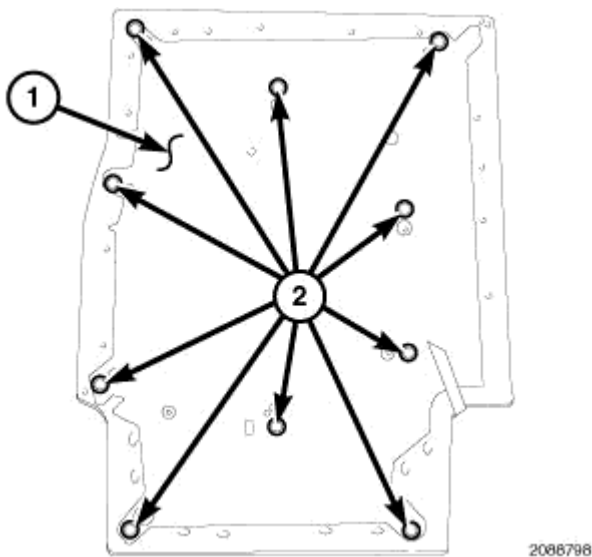


Fig. 184: Seat Back Panel Retainers

Courtesy of CHRYSLER LLC

1. Place the back panel (1) into position on the seat.
2. Engage the retainers (2) that secure the back panel to the seat.

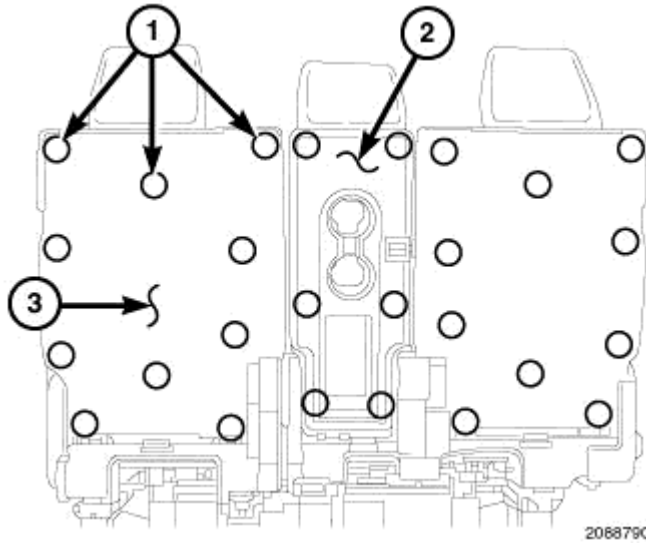
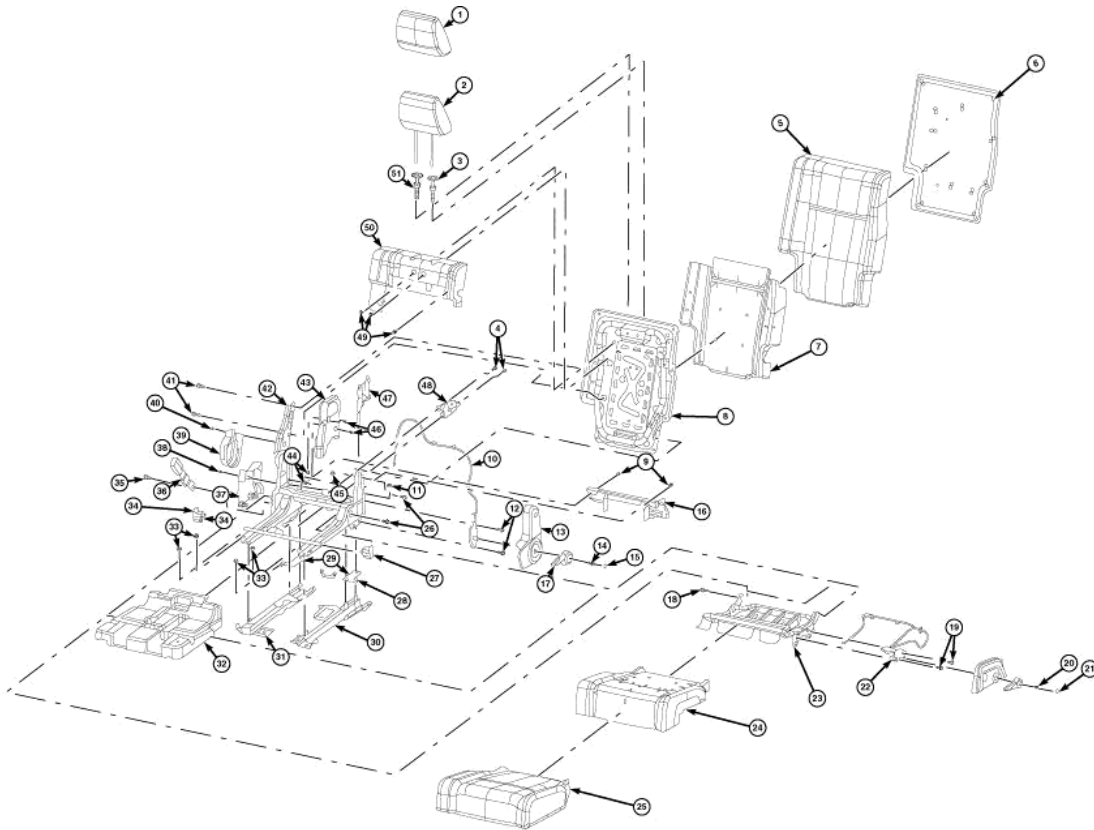


Fig. 185: Retainers On Seat Back Panels & Armrest
Courtesy of CHRYSLER LLC

3. Press firmly on the retainer locations (1), as shown above, to ensure proper engagement.

SEAT**Description****DESCRIPTION**



835834

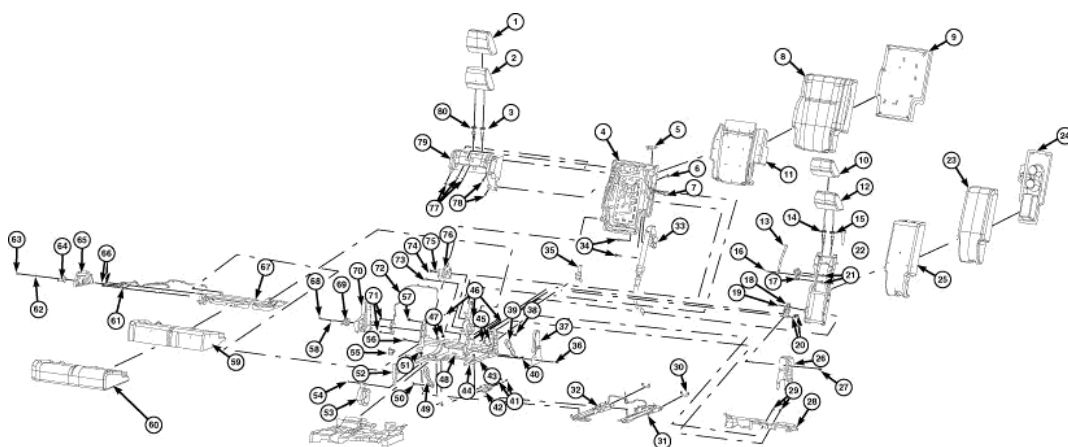
Fig. 186: Seat - 5 Passenger - 40% Seat Exploded View
 Courtesy of CHRYSLER LLC

Item	Description	Item	Description
1	Cover, Headrest	27	Bumper
2	Foam, Headrest	28	Cover, Rear Track
3	Sleeve, Headrest	29	Spacer
4	Screw	30	Assembly, Outboard Track
5	Cover, Seat Back	31	Assembly, Inboard Track
6	Shield, Seat Back	32	Shield, Cushion Latch
7	Foam, Seat Back	33	Nut, Lock
8	Frame, Seat Back	34	Bumper
9	Screw	35	Screw
10	Cable, Recliner Release	36	Buckle, Seatbelt
11	Nut, Lock	37	Shield, Lower Outer
12	Screw	38	Screw
13	Shield, Upper Recliner LH	39	Shield, Upper Recliner RH
14	Screw	40	Screw
15	Cover, Release Handle	41	Bumper
16	Shield, Rear	42	Assembly, Lower Structure

2009 Dodge Journey R/T

2009 ACCESSORIES AND EQUIPMENT Body - Journey

17	Handle, Recliner	43	Shield, Lower Recliner
18	Screw	44	Nut, Plastic
19	Screw	45	Nut, Lock
20	Screw	46	Screw
21	Cover, Release Handle	47	Shield, Upper Inner
22	Cable, Track Release	48	Assembly, Cushion Latch
23	Frame, Seat Cushion	49	Screw
24	Foam, Seat Cushion	50	Shield, Upper Seat Back Inner
25	Cover, Seat Cushion	51	Sleeve, Headrest
26	Screw	-	-



835848

Fig. 187: Seat - 5 Passenger - 60% Seat Exploded View

Courtesy of CHRYSLER LLC

Item	Description	Item	Description
1	Cover, Headrest	41	Screw
2	Foam, Headrest	42	Sleeve, Headrest
3	Sleeve, Headrest	43	Frame, Seat
4	Frame, Seat Back	44	Nut
5	Bezel, Seat Belt	45	Nut
6	Screw	46	Screw
7	Cover, Striker	47	Nut
8	Cover, Seat Back	48	Cushion, Bumper
9	Shield, Seat Back	49	Buckle, Seat Belt

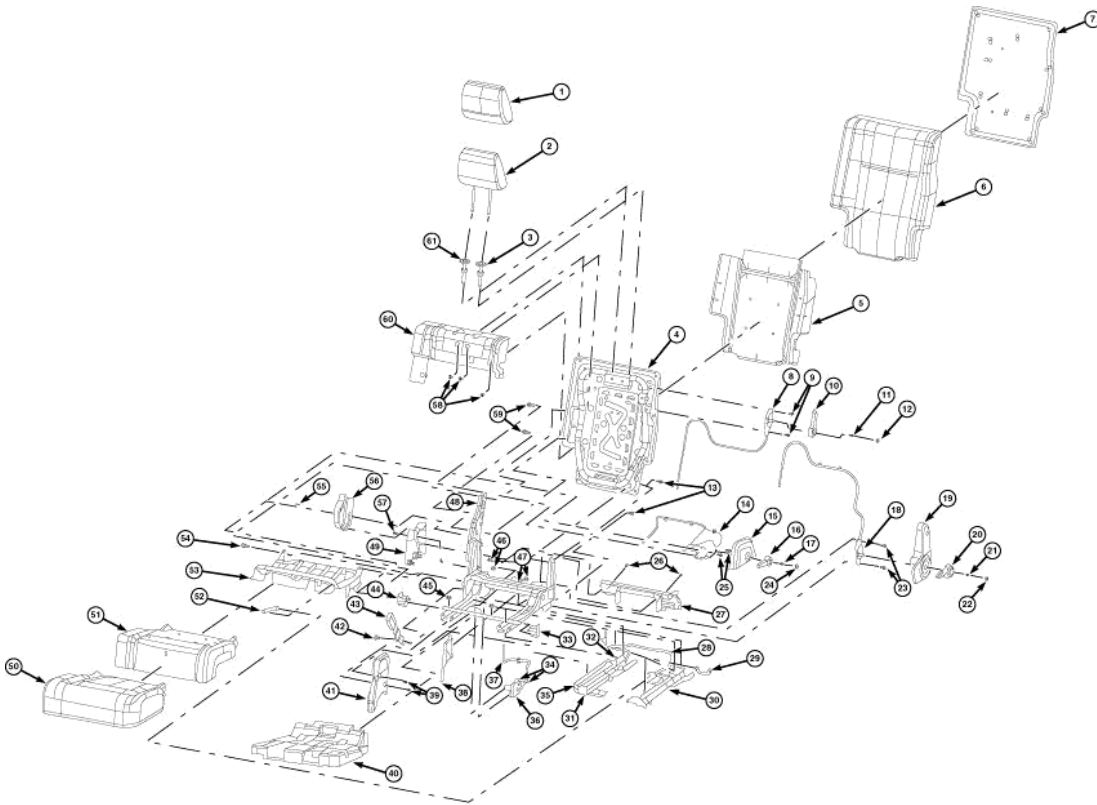
2009 Dodge Journey R/T

2009 ACCESSORIES AND EQUIPMENT Body - Journey

10	Cover, Headrest	50	Screw
11	Foam, Seat Back	51	Nut
12	Foam, Headrest	52	Cover, Lower Outer
13	Strap, Release	53	Cover, Upper Recliner
14	Sleeve, Headrest	54	Screw
15	Sleeve, Headrest	55	Bumper
16	Nut	56	Screw
17	Latch, Armrest	57	Screw
18	Bracket, Armrest Pivot	58	Screw
19	Screw	59	Foam, Seat Cushion
20	Screw	60	Cover, Seat Cushion
21	Nut	61	Cable, Track Release
22	Frame, Armrest	62	Screw
23	Cover, Armrest	63	Cap, Handle
24	Panel, Armrest Cover	64	Handle, Seat Adjust
25	Foam, Armrest	65	Shield, Lower Side
26	Cover, Pivot Bracket	66	Screw
27	Screw	67	Frame, Seat Cushion
28	Shield, Rear	68	Cap, Handle
29	Screw	69	Handle, Recliner
30	Cover, Rear Track	70	Shield, Upper Side
31	Assembly, Outboard Track	71	Screw
32	Assembly, Inboard Track	72	Cable, Recliner Release
33	Retractor, Seat Belt	73	Pin, Push
34	Screw	74	Screw
35	Cover, Inner Pivot	75	Nut
36	Pin, Push	76	Cover, Lower Recliner
37	Shield, Upper Recliner LH	77	Screw
38	Screw	78	Screw
39	Buckle, Seat Belt	79	Shield, Upper Seat Back Inner
40	Screw	80	Sleeve, Headrest

2009 Dodge Journey R/T

2009 ACCESSORIES AND EQUIPMENT Body - Journey



835981

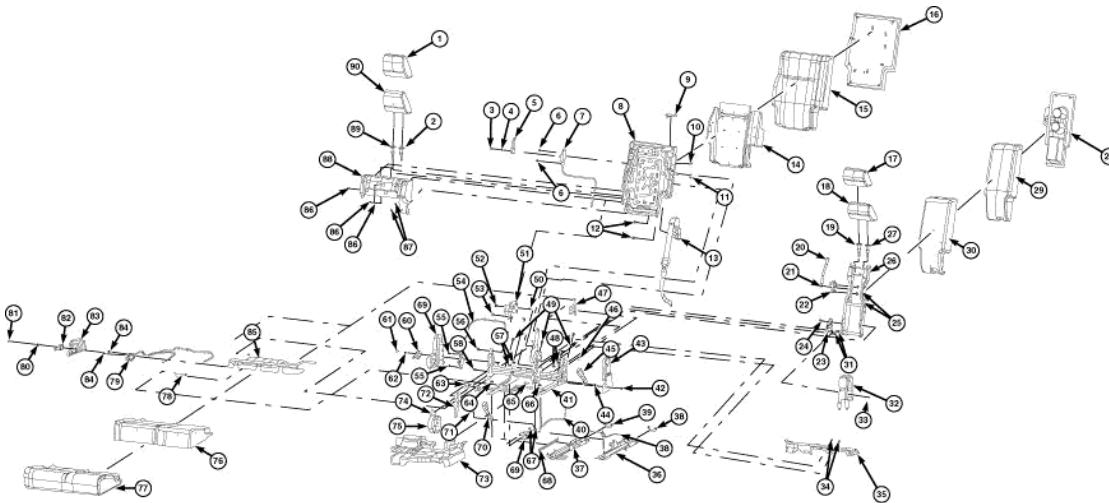
Fig. 188: Seat - 7 Passenger - 40% Seat Exploded View
Courtesy of CHRYSLER LLC

Item	Description	Item	Description
1	Cover, Headrest	32	Spacer
2	Sleeve, Headrest	33	Bumper
3	Sleeve, Headrest	34	Screw
4	Frame, Seat Back	35	Spring, Assist
5	Foam, Seat Back	36	Sleeve, Headrest
6	Cover, Seat Back	37	Cable, Release
7	Panel, Seat Back	38	Shield, Upper Inner
8	Cable, Release	39	Screw
9	Screw	40	Cover, Cushion Latch
10	Handle, Easy Entry	41	Cover, Lower Recliner
11	Screw	42	Screw
12	Cap, Handle	43	Buckle, Seat Belt
13	Screw	44	Bumper
14	Cable, Release	45	Nut
15	Shield, Lower RH	46	Nut
16	Handle, Seat Adjust	47	Nut

2009 Dodge Journey R/T

2009 ACCESSORIES AND EQUIPMENT Body - Journey

17	Screw	48	Frame, Seat
18	Cable, Release	49	Cover, Lower Outer
19	Shield, Lower LH	50	Cover, Seat Cushion
20	Handle, Recliner	51	Foam, Seat Cushion
21	Screw	52	Strut, Gas
22	Cap, Handle	53	Frame, Seat Cushion
23	Screw	54	Screw
24	Cap, Handle	55	Screw
25	Screw	56	Cover, Upper Recliner
26	Screw	57	Screw
27	Cover, Rear	58	Screw
28	Cable, Release	59	Screw
29	Cover, Rear Track	60	Shield, Upper Seat Back Inner
30	Track, Inboard	61	Sleeve, Headrest
31	Track, Outboard	-	-



835670

Fig. 189: Seat - 7 Passenger - 60% Seat Exploded View
Courtesy of CHRYSLER LLC

Item	Description	Item	Description
1	Cover, Headrest	46	Screw
2	Sleeve, Headrest	47	Cover, Inner Pivot
3	Cap, Handle	48	Nut

2009 Dodge Journey R/T

2009 ACCESSORIES AND EQUIPMENT Body - Journey

4	Screw	49	Screw
5	Handle, Easy Entry	50	Nut
6	Screw	51	Cover, Lower Recliner
7	Cable, Release	52	Screw
8	Frame, Seat Back	53	Pin, Push
9	Bezel, Seat Belt	54	Cable, Release
10	Screw	55	Screw
11	Cover, Striker	56	Screw
12	Screw	57	Nut
13	Retractor, Seat Belt	58	Screw
14	Foam, Seat Back	59	Shield, Upper Side
15	Cover, Seat Back	60	Handle, Recliner
16	Shield, Seat Back	61	Cap, Handle
17	Cover, Headrest	62	Screw
18	Foam, Headrest	63	Bumper
19	Sleeve, Headrest	64	Nut
20	Strap, Release	65	Cushion, Bumper
21	Nut	66	Nut
22	Latch, Armrest	67	Screw
23	Bracket, Armrest Pivot	68	Spring
24	Screw	69	Sleeve, Headrest
25	Nut	70	Buckle, Seat Belt
26	Frame, Armrest	71	Screw
27	Sleeve, Headrest	72	Cover, Lower Outer
28	Panel, Armrest Cover	73	Cover, Cushion Latch
29	Cover, Armrest	74	Screw
30	Foam, Armrest	75	Cover, Upper Recliner
31	Screw	76	Foam, Seat Cushion
32	Cover, Pivot Bracket	77	Cover, Seat Cushion
33	Screw	78	Strut, Gas
34	Screw	79	Cable, Release
35	Shield, Rear	80	Screw
36	Track, Inboard	81	Cap, Handle
37	Track, Outboard	82	Handle, Seat Adjust
38	Cable, Release	83	Shield, Lower Side
39	Cover, Rear Track	84	Screw
40	Cable, Release	85	Frame, Seat Cushion
41	Frame, Seat	86	Screw
42	Pin, Push	87	Screw
43	Shield, Upper Recliner LH	88	Shield, Upper Seat Back Inner
44	Screw	89	Sleeve, Headrest

2009 Dodge Journey R/T

2009 ACCESSORIES AND EQUIPMENT Body - Journey

Buckle, Seat Belt

90

Foam, Headrest

Removal

REMOVAL

1. Remove the headrest.
2. Slide seat forward.
3. Remove both rear seat adjuster bolts.
4. Slide seat rearward.
5. While pulling the release tab located under the seat, pull the seat up and remove the plastic covers to gain access to the front adjuster bolts.
6. Remove both front seat adjuster bolts.
7. Remove front seat from vehicle.

Installation

INSTALLATION

1. Place seat in position in vehicle. Make sure tracks are in time and locked in place. In time means that both tracks are in the same fore/aft position, same locking window on each track.
2. Install bolts to attach front of seat adjuster to the floor. Tighten bolts to 95 N.m (70 ft. lbs.).
3. Slide seat forward and then push back on the seat to ensure that both tracks are locked into position. Ensure tracks are still in time before tightening bolts and install bolts attaching rear of seat track to the floor. Tighten bolts to 95 N.m (70 ft. lbs.).
4. Verify seat operation.

SEAT BACK, SECOND ROW

Removal

REMOVAL

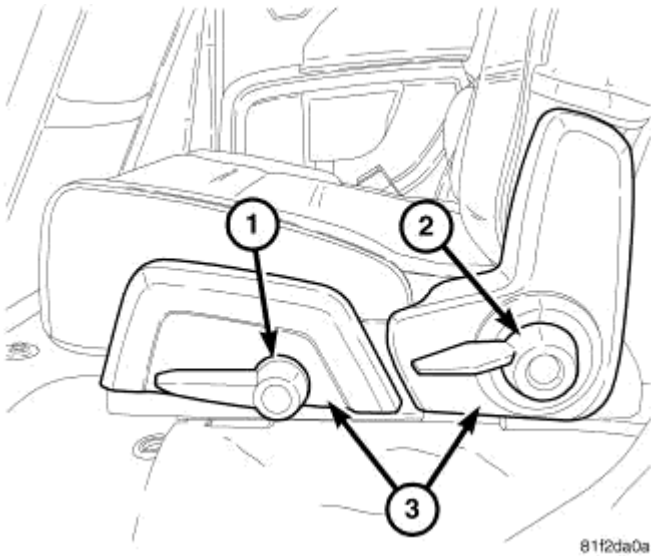


Fig. 190: Recliner Handle Cover & Mounting Fasteners
Courtesy of CHRYSLER LLC

1. Remove the recliner handle cover and mounting fasteners.
2. Remove the recliner handle
3. Remove the folding seat handle cover, mounting fasteners and handle, if equipped.
4. Remove the outboard shield.
5. Remove the headrest and headrest guides.
6. Fold the seat flat and remove the seat back panel by carefully prying up on the panel until the retainers disengage.
7. For the 60 split seat only, remove the seat belt anchor mounting fastener.
8. Remove the seat cover clips and pull back to expose the inboard seat back mounting fasteners.

NOTE: On the 40 split seat, the inboard mounting fasteners are located on the outside of the seat back frame. On the 60 split seat, they are located on the inside of the seat back frame which will require the seat back cushion/cover to be removed. See Body/Seats/SEAT BACK - Removal.

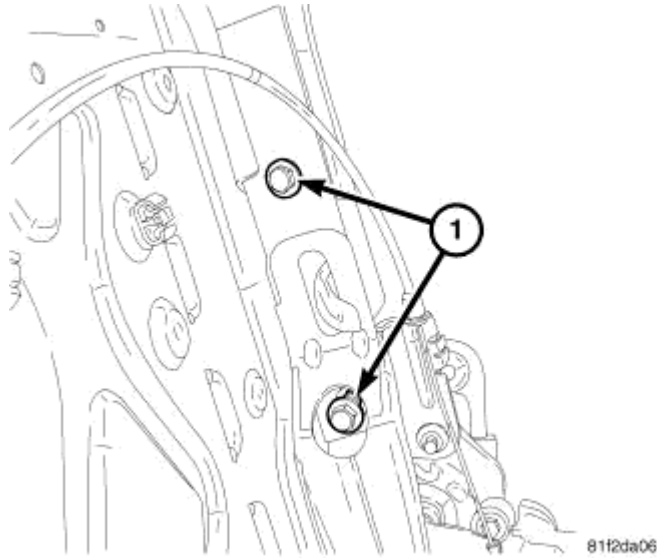


Fig. 191: SEAT BACK BOLTS
Courtesy of CHRYSLER LLC

9. Remove the inboard seat back mounting fasteners.
10. Remove the outboard seat back mounting fasteners.
11. Remove the cable attachment from the back steel panel.
12. Remove the seat back from the vehicle.

Installation

INSTALLATION

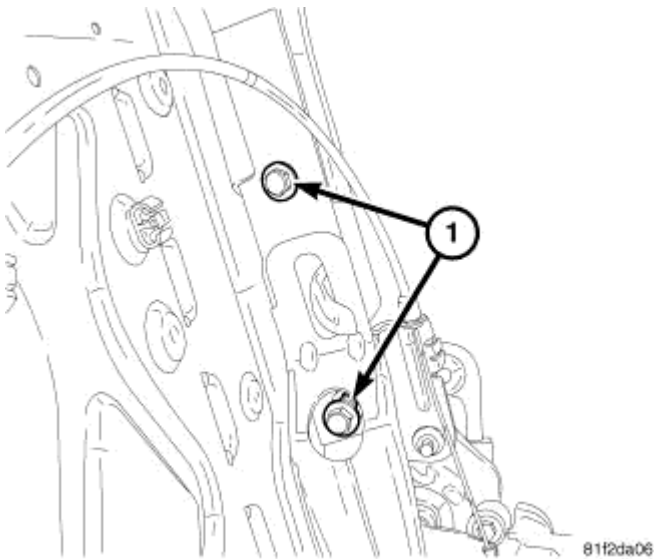


Fig. 192: SEAT BACK BOLTS
Courtesy of CHRYSLER LLC

1. Position the seat back frame to the seat adjuster assembly.
2. For the 40% seat back, install the inboard mounting fasteners. Tighten to 55 N-m (40 ft. lbs.).
3. For the 40% seat back, install the outboard mounting fasteners. Tighten to 30 N-m (22 ft. lbs.).
4. For the 60% seat back, install the inboard mounting fasteners. Tighten to 60 N-m (44 ft. lbs.).
5. For the 60% seat back, install the outboard mounting fasteners. Tighten to 30 N-m (22 ft. lbs.).
6. Install the seat back cushion/cover, if required. See **Body/Seats/SEAT BACK - Installation**.
7. For the 60% seat back, place the seat belt and seat buckle into position. Tighten the mounting fastener to 49 N-m (36 ft. lbs.).
8. Install the cable attachment to the back steel panel.

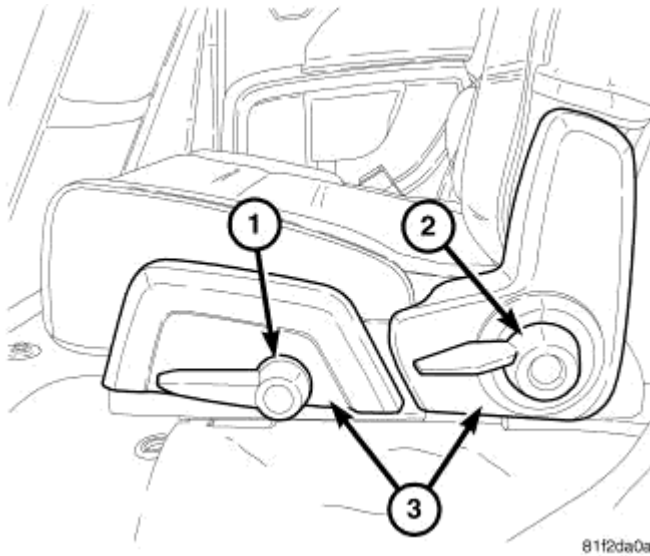


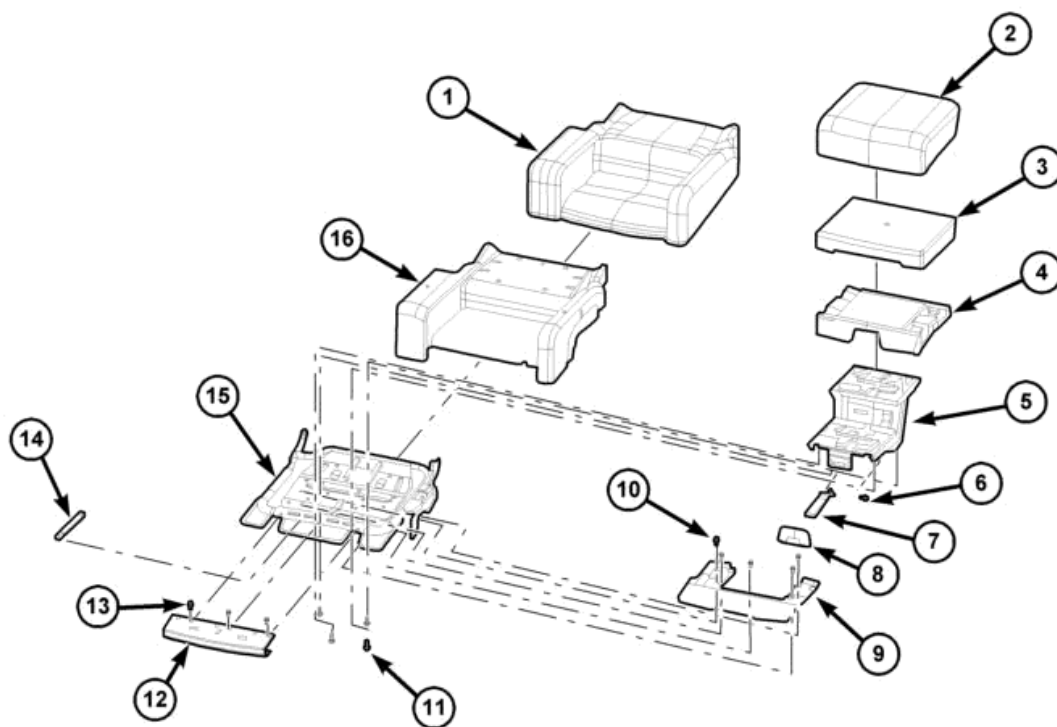
Fig. 193: Recliner Handle Cover & Mounting Fasteners
Courtesy of CHRYSLER LLC

9. Install the outboard shield.
10. Install the recliner handle
11. Install the recliner handle mounting fasteners and cover.
12. Install the folding seat handle, mounting fasteners and cover, if equipped.
13. Install the headrest guides and headrest.

SEAT, CHILD

Removal

REMOVAL

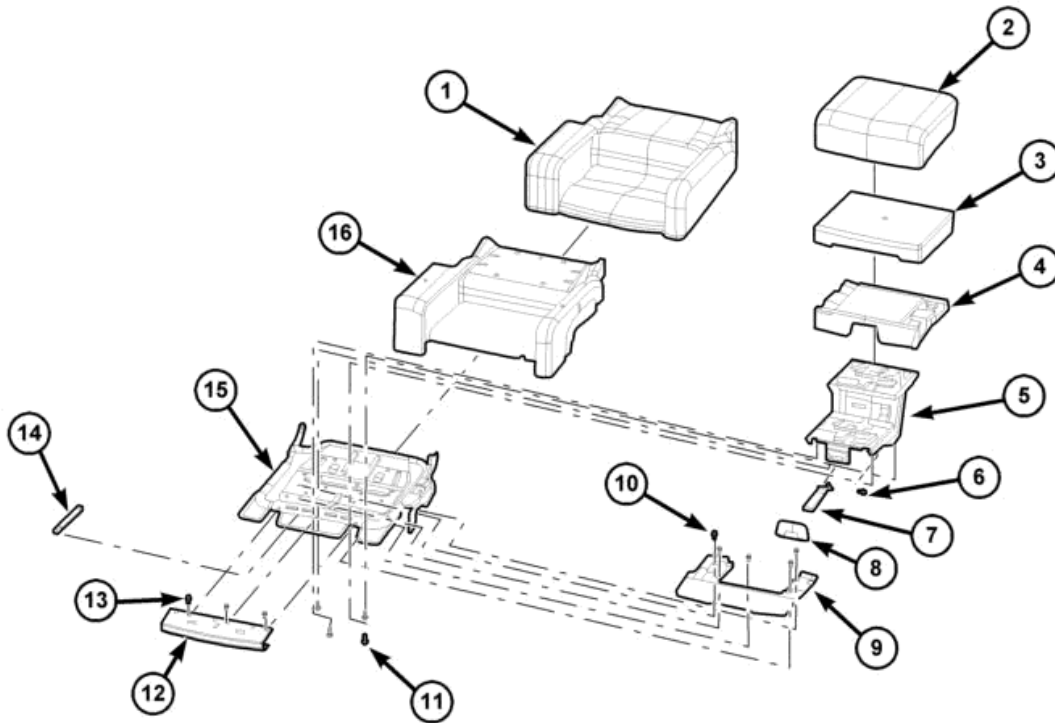


505761

Fig. 194: Child Seat
Courtesy of CHRYSLER LLC

1. COVER, BOOSTER SEAT FOAM	9. ASSEMBLY, BOOSTER SEAT FOOT PLATE
2. COVER, BOOSTER SEAT FOAM	10. SCREW
3. FOAM, BOOSTER SEAT	11. SCREW
4. SUPPORT BASE, BOOSTER SEAT	12. FRONT SUPPORT, BOOSTER SEAT
5. ASSEMBLY, BOOSTER SEAT	13. SCREW
6. SCREW	14. STRUT, GAS
7. STRAP, BOOSTER	15. FRAME, FOAM BOOSTER SEAT
8. BEZEL, PULL STRAP	16. PAD, FOAM

1. Remove the appropriate seat cushion and place on a bench. See **Body/Seats/COVER, Seat Cushion - Removal**.
2. Unzip the seat cover.
3. Partially remove the seat cushion cover to gain access to the booster seat fasteners.
4. Remove the booster seat mounting fasteners.
5. Unlatch the booster seat and carefully place in the upright position.
6. Disengage the booster seat cover trim clips.
7. Remove the booster seat from the seat cushion.
8. If required, disengage the seat cover clips and carefully pull the booster seat cover off the foam.

Installation**INSTALLATION**

505761

Fig. 195: Child Seat
 Courtesy of CHRYSLER LLC

1. COVER, BOOSTER SEAT FOAM	9. ASSEMBLY, BOOSTER SEAT FOOT PLATE
2. COVER, BOOSTER SEAT FOAM	10. SCREW
3. FOAM, BOOSTER SEAT	11. SCREW
4. SUPPORT BASE, BOOSTER SEAT	12. FRONT SUPPORT, BOOSTER SEAT
5. ASSEMBLY, BOOSTER SEAT	13. SCREW
6. SCREW	14. STRUT, GAS
7. STRAP, BOOSTER	15. FRAME, FOAM BOOSTER SEAT
8. BEZEL, PULL STRAP	16. PAD, FOAM

1. If required, carefully pull the booster seat cover over the foam and engage the booster seat cover clips.
2. Install the booster seat to the seat cushion.
3. Engage the booster seat cover trim clips.
4. Latch the booster seat.
5. Install the booster seat mounting fasteners. Tighten to 13 N-m (10 ft. lbs.).
6. Install the seat cushion cover.
7. Zip the seat cover.

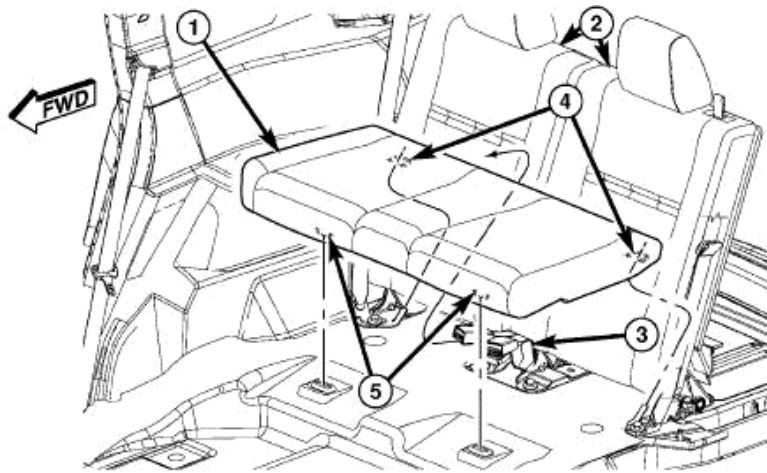
8. Install the seat cushion. See **Body/Seats/COVER, Seat Cushion - Installation**.

SEATS, THIRD ROW

COVER, SEAT CUSHION

Removal

REMOVAL



81/2814c

Fig. 196: Seat Cushion Cover
Courtesy of CHRYSLER LLC

1. Remove the rear storage box. See **Body/Interior/BOX, Storage - Removal**.
2. Lift front edge of the third row seat until retainers (5) disengage.
3. With the help of an assistant, carefully pry up on the hooks (4) while the seat cushion is being pressed towards the seat back.
4. While lifting up on the hooks, pull the seat cushion out towards the front of the vehicle and remove the seat cushion.
5. Disengage J-clips from seat cushion.
6. Carefully remove the seat cover from the cushion, removing any hog rings and discarding.

Installation

INSTALLATION

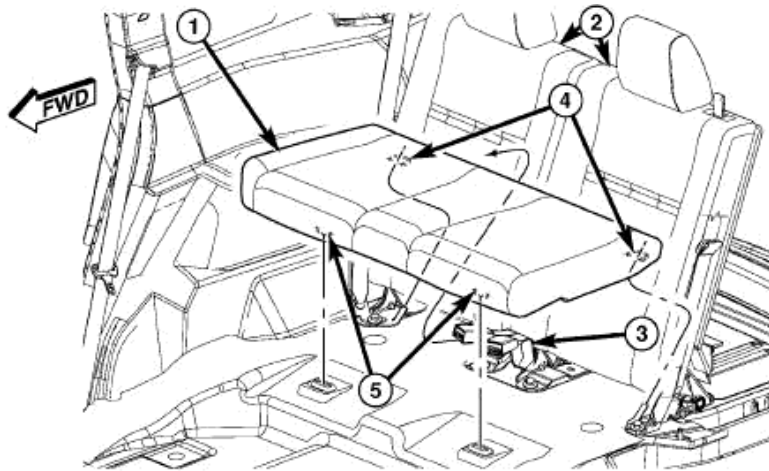


Fig. 197: Seat Cushion Cover
Courtesy of CHRYSLER LLC

1. Carefully install the seat cover to the cushion, installing any hog rings required.
2. Engage J-clips to seat cushion.
3. Place the third row seat cushion (1) into position.
4. Press the seat cushion back (2) and under the seat back.
5. Ensure the seat retaining hooks (4) slide under the body side hooks.
6. Firmly depress the front of the seat cushion down, ensuring that the seat retainers (5) engage.
7. Install the rear storage box. See **Body/Interior/BOX, Storage - Installation**

SEAT BACK, THIRD ROW

Removal

REMOVAL

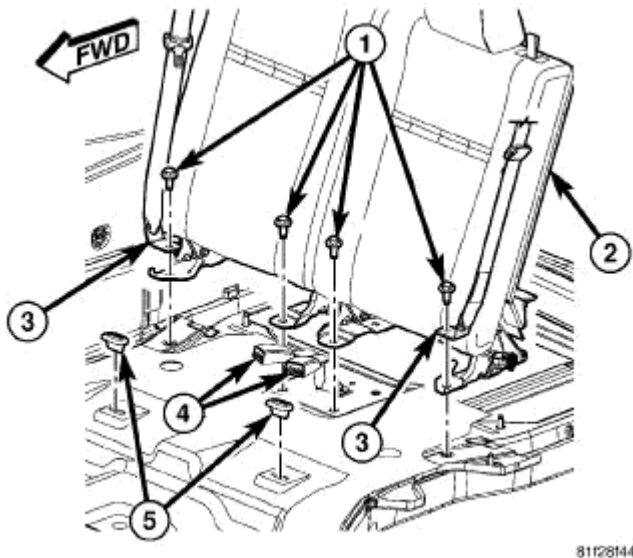


Fig. 198: Front Seat Back Mounting Fasteners
Courtesy of CHRYSLER LLC

1. Remove the seat cover and cushion. See **Body/Seats/COVER, Seat Cushion - Removal**.
2. Remove the retainers on the seat back gap hider from the rear storage box.
3. Remove the front seat back mounting fasteners (1).

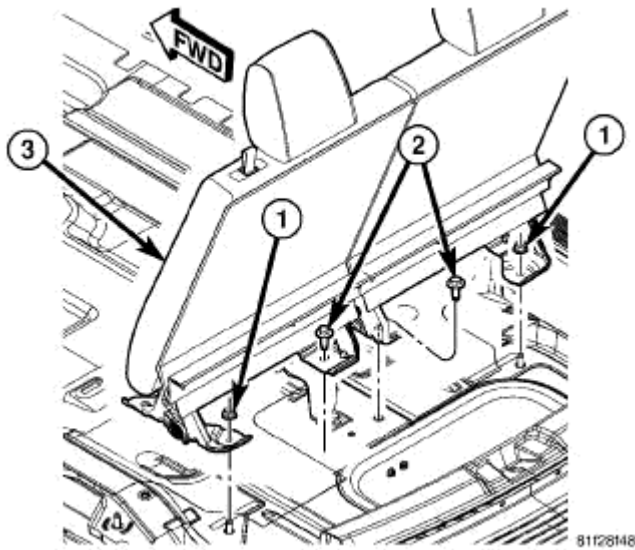
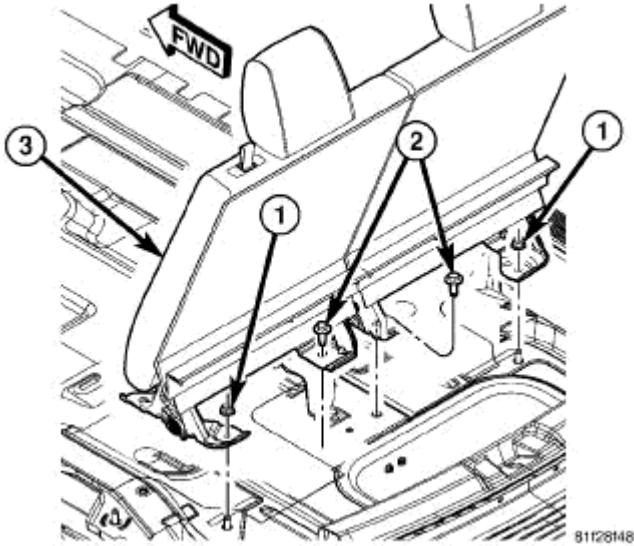


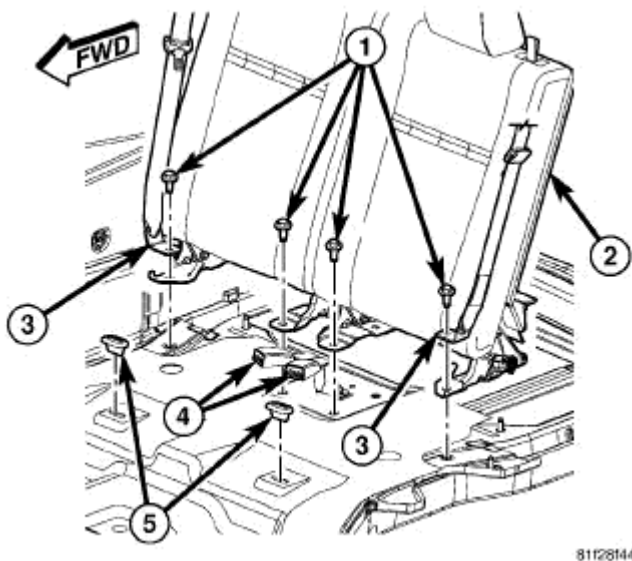
Fig. 199: Rear Seat Back Mounting Fasteners
Courtesy of CHRYSLER LLC

4. Remove the rear seat back mounting fasteners (1 and 2).
5. Remove the seat back from the vehicle.

Installation**INSTALLATION****Fig. 200: Rear Seat Back Mounting Fasteners**

Courtesy of CHRYSLER LLC

1. Place the seat back into position in the vehicle. Make sure that the seat belts are position correctly.
2. Install the rear mounting fasteners (1 and 2). Tighten to 95 N.m (70 ft. lbs.).

**Fig. 201: Front Seat Back Mounting Fasteners**

Courtesy of CHRYSLER LLC

3. Install the front mounting fasteners (1). Tighten to 95 N.m (70 ft. lbs.).
4. Install the retainers on the seat back gap hider to the rear storage box.
5. Install the seat cushion and cover. See **Body/Seats/COVER, Seat Cushion - Installation**.

STATIONARY GLASS

WARNING

WINDSHIELD SAFETY PRECAUTIONS

WARNING: Do not operate the vehicle within 24 hours of windshield installation. It takes at least 24 hours for urethane adhesive to cure. If it is not cured, the windshield may not perform properly in an accident.

- Urethane adhesives are applied as a system. Use glass cleaner, glass prep solvent, glass primer, PVC (vinyl) primer and pinch weld (fence) primer provided by the adhesive manufacturer. If not, structural integrity could be compromised.
- Chrysler does not recommend glass adhesive by brand. Technicians should review product labels and technical data sheets, and use only adhesives that their manufactures warrant will restore a vehicle to the requirements of FMVSS 212. Technicians should also insure that primers and cleaners are compatible with the particular adhesive used.
- Be sure to refer to the urethane manufacturer's directions for curing time specifications, and do not use adhesive after its expiration date.
- Vapors that are emitted from the urethane adhesive or primer could cause personal injury. Use them in a well-ventilated area.
- Skin contact with urethane adhesive should be avoided. Personal injury may result.
- Always wear eye and hand protection when working with glass.

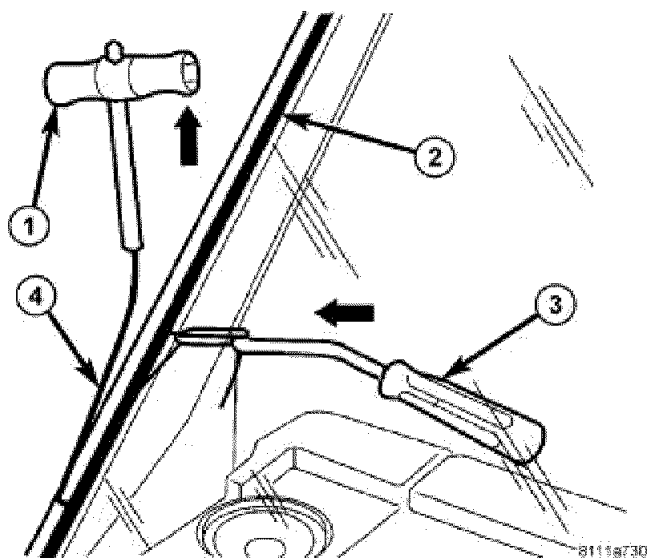
CAUTION: Protect all painted and trimmed surfaces from coming in contact with urethane or primers.

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

GLASS, LIFTGATE

Removal

REMOVAL

**Fig. 202: ADHESIVE SEPARATION**

Courtesy of CHRYSLER LLC

- 1 - T-HANDLE
- 2 - WINDSHIELD ADHESIVE
- 3 - COUNTER SUPPORT
- 4 - CUTTING WIRE

NOTE: Windshield removal shown, backlight similar.

1. Before proceeding with the following repair procedure, review all warnings and cautions. See **Body/Stationary Glass - Warning**
2. Remove liftgate trim panels. See **Body/Decklid/Hatch/Liftgate/Tailgate/PANEL, Trim - Removal**
3. Remove rear window wiper arm, if equipped. Refer to **Electrical - Wipers/Washers/Wipers/Washers/ARM, Wiper - Removal**
4. Disconnect the heated backlight electrical connectors, if equipped.
5. Using a windshield cut-out wire or other suitable tool, separate the adhesive.
6. Carefully remove backlight.

Installation

INSTALLATION

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

CAUTION: Roll down the left and right front door glass and open the rear glass slider

(if available) before installing backlight to avoid pressurizing the passenger compartment if a door is slammed before urethane is cured. Water leaks can result.

NOTE: The backlight fence should be cleaned of most of its old urethane bonding material. A small amount of old urethane, approximately 1-2 mm in height, should remain on the fence. Do not grind off or completely remove all old urethane from the fence, the paint finish and bonding strength will be adversely affected. Support spacers should be replaced with new parts. Replace any missing or damaged spacers around the perimeter of the liftgate opening.

Glass Preparation - Installing A Previously Installed Backlight

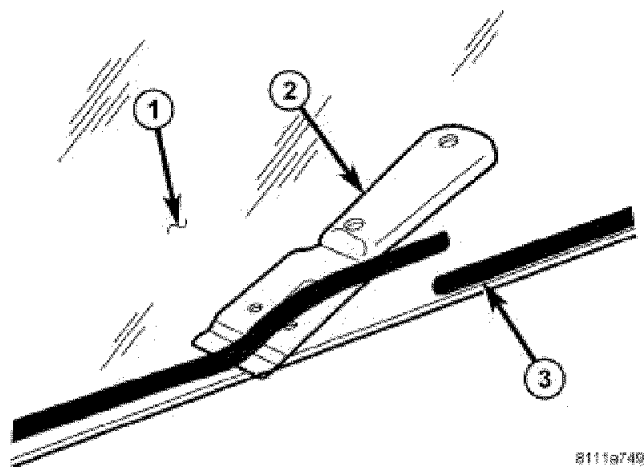


Fig. 203: WINDSHIELD ADHESIVE PREPARATION
Courtesy of CHRYSLER LLC

- | |
|------------------|
| 1 - WINDSHIELD |
| 2 - SCRAPER |
| 3 - OLD ADHESIVE |

1. Before proceeding with the following repair procedure, review all warnings and cautions. See **Body/Stationary Glass - Warning**
2. Level old bead of backlight adhesive (3) to a thickness of approximately 1 mm (0.04 in.) and remove loose adhesive.

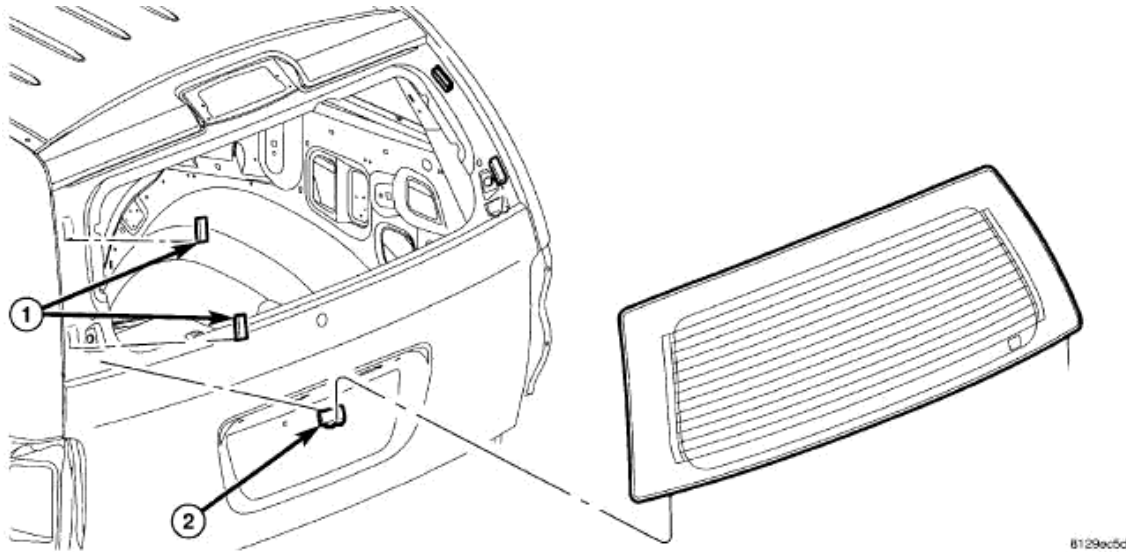


Fig. 204: Spacers To Liftgate Frame & Backlight
Courtesy of CHRYSLER LLC

3. Apply four new spacers (1) to the liftgate frame and place them 55 mm in from the window opening; 70 mm from the upper edge and 150 mm from the lower edge.
4. Install the lower spacers (2) to the backlight approximately 25 mm (1.0 in) from each side of the glass.

NOTE: Remove the lower spacers 2 hours after installation of the glass.

5. Position backlight in center of liftgate opening and resting on the side and lower spacers.

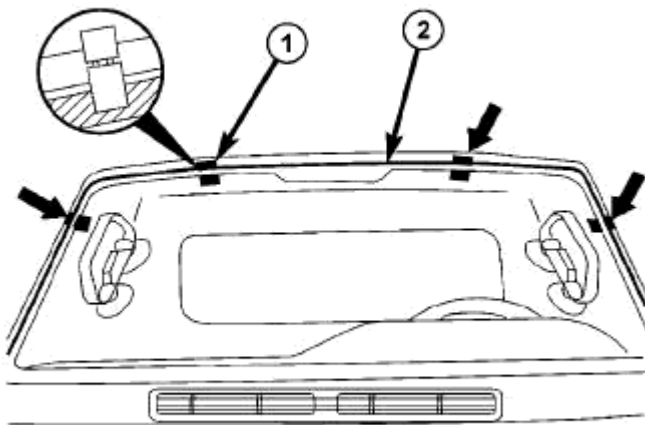


Fig. 205: WINDSHIELD POSITIONING
Courtesy of CHRYSLER LLC

1 - TAPE
2 - WINDSHIELD FRAME

6. Apply adhesive tape strips (1) around the perimeter of the liftgate opening to aid in installation.

NOTE: Windshield installation shown, backlight similar.

7. Verify the backlight gap is parallel to with the liftgate opening.
8. Cut tape with a sharp knife and remove backlight.

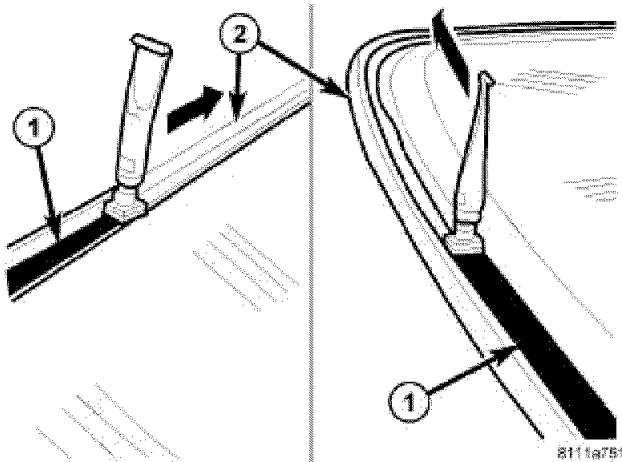


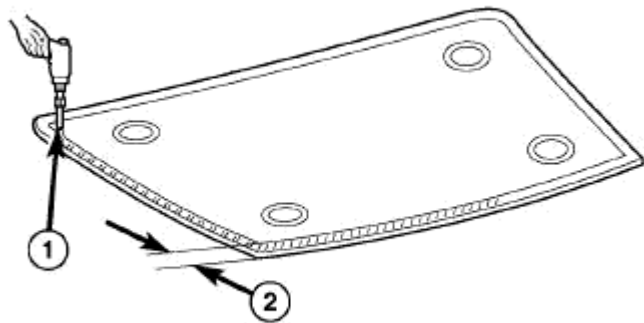
Fig. 206: WINDSHIELD PRIMER

Courtesy of CHRYSLER LLC

1 - PRIMER
2 - WINDSHIELD SEAL

NOTE: Typical primer installation shown.

9. Clean and dry area of glass (2) to be re-glued with a suitable glass preparation solvent and rag.
10. Using a flash light, verify that glass primer is without damage.
11. Re-prime any damaged area. If old adhesive has been exposed for more than 12 hours, entire adhesive area needs to be re-primed.



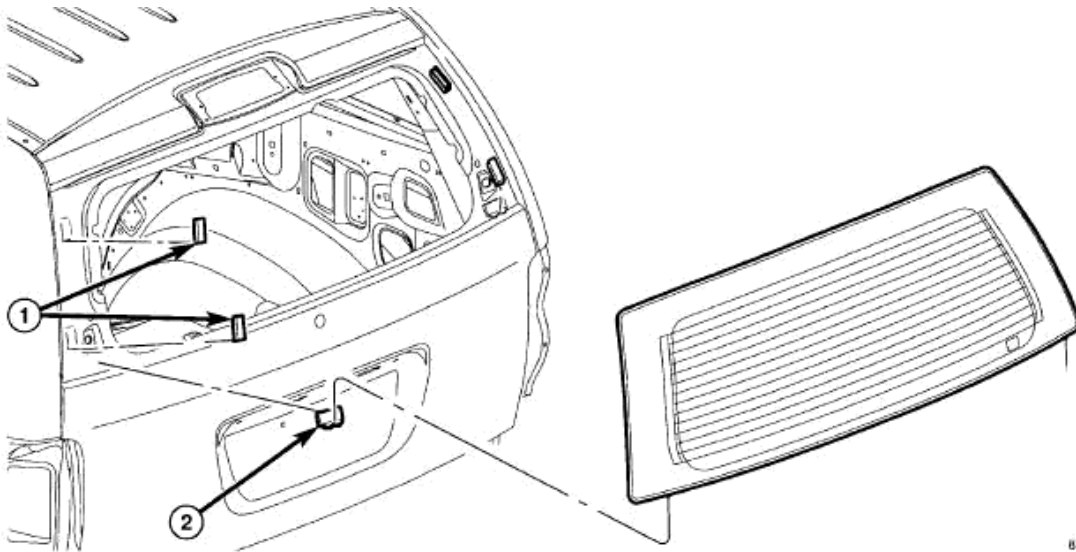
8129ec29

Fig. 207: PRIMER INSTALLATION

Courtesy of CHRYSLER LLC

12. Apply primer (1) around the perimeter of the glass to a width of 15 mm (0.5 in.) (2).
13. Allow primer to air dry for at least 10 minutes.
14. Using a flash light, verify that glass primer is without damage.

Glass Preparation - Installing A New Backlight



8129ec5d

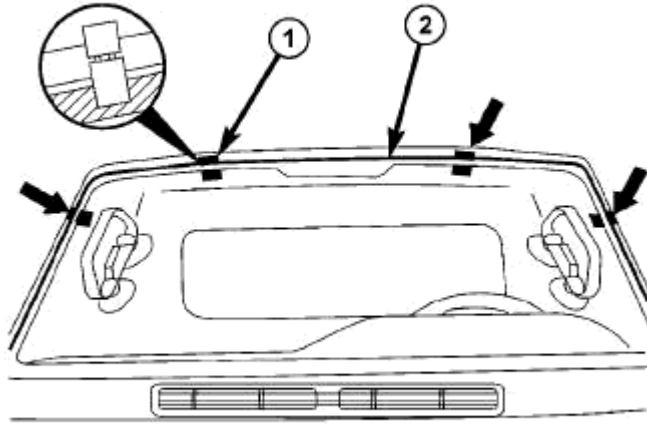
Fig. 208: Spacers To Liftgate Frame & Backlight

Courtesy of CHRYSLER LLC

1. Apply four new spacers (1) to the liftgate frame and place them 55 mm in from the window opening; 70 mm from the upper edge and 150 mm from the lower edge.
2. Install the lower spacers (2) to the backlight approximately 36 cm (1.0 in) from each side of the glass.

NOTE: Remove the lower spacers 2 hours after installation of the glass.

3. Position backlight in center of liftgate opening and resting on the side and lower spacers.



8111a741

Fig. 209: WINDSHIELD POSITIONING

Courtesy of CHRYSLER LLC

- | |
|----------------------|
| 1 - TAPE |
| 2 - WINDSHIELD FRAME |

4. Apply adhesive tape strips (1) around the perimeter of the liftgate opening to aid in installation.

NOTE: Windshield installation shown, backlight similar.

5. Verify the backlight gap is parallel to with the liftgate opening.
6. Cut tape with a sharp knife and remove backlight.

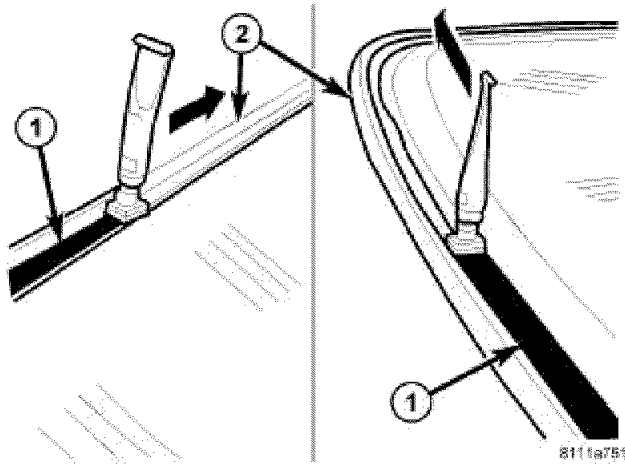


Fig. 210: WINDSHIELD PRIMER

Courtesy of CHRYSLER LLC

1 - PRIMER
2 - WINDSHIELD SEAL

NOTE: Typical primer installation shown.

7. Clean and dry area of glass (2) to be re-glued with a suitable glass preparation solvent and rag.
8. Apply primer to gluing surface at backlight seal.

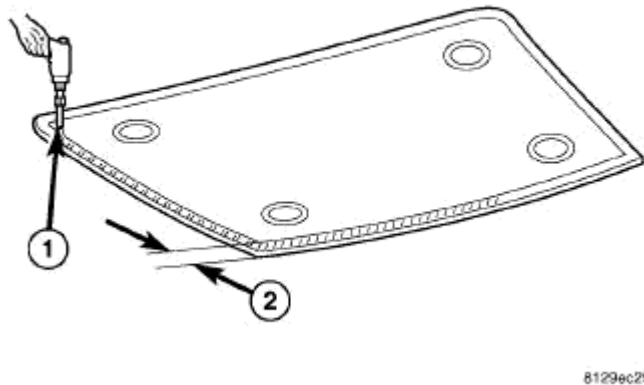


Fig. 211: PRIMER INSTALLATION

Courtesy of CHRYSLER LLC

9. Apply primer (1) around the perimeter of the glass to a width of 15 mm (0.5 in.) (2).
10. Allow primer to air dry for at least 10 minutes.
11. Using a flash light, verify that glass primer is without damage.

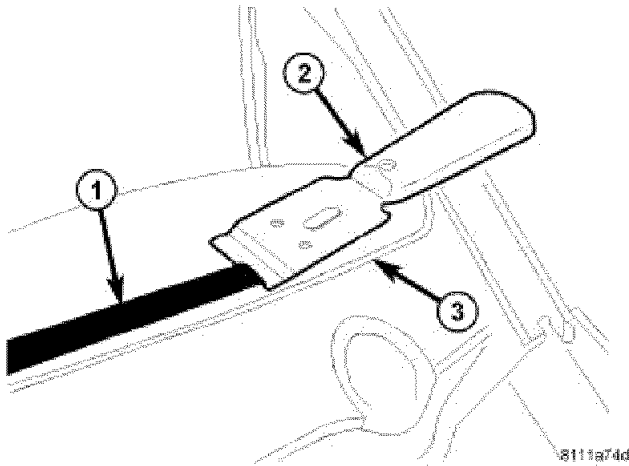
Liftgate Opening Preparation

Fig. 212: WINDSHIELD OPENING PREPARATION
Courtesy of CHRYSLER LLC

1 - OLD ADHESIVE
2 - SCRAPER
3 - WINDSHIELD OPENING

NOTE: Windshield opening shown, liftgate opening similar.

1. Clean and vacuum liftgate opening.
2. Level old bead of liftgate opening adhesive (1) to a thickness of approximately 1 mm (0.04 in.) and remove loose adhesive.

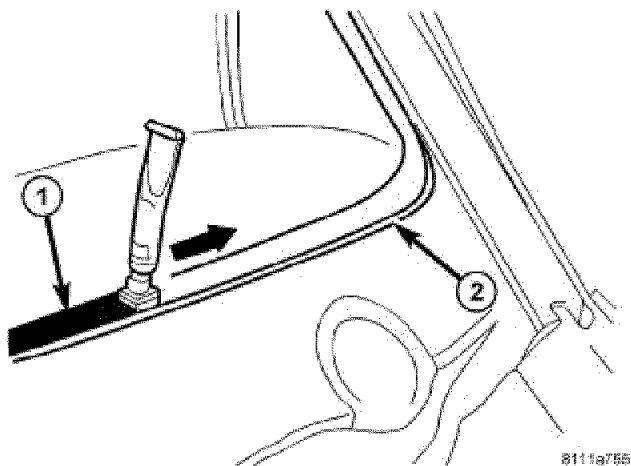


Fig. 213: WINDSHIELD OPENING PRIMER
Courtesy of CHRYSLER LLC

1 - PRIMER
2 - WINDSHIELD OPENING

NOTE: Windshield opening shown, liftgate opening similar.

3. Clean and dry area of liftgate opening to be re-glued with a suitable glass preparation solvent and rag.
4. Re-prime any damaged area. If old adhesive has been exposed for more than 12 hours, entire adhesive area needs to be re-primed.
5. Allow primer to air dry for at least 10 minutes.

Backlight Installation

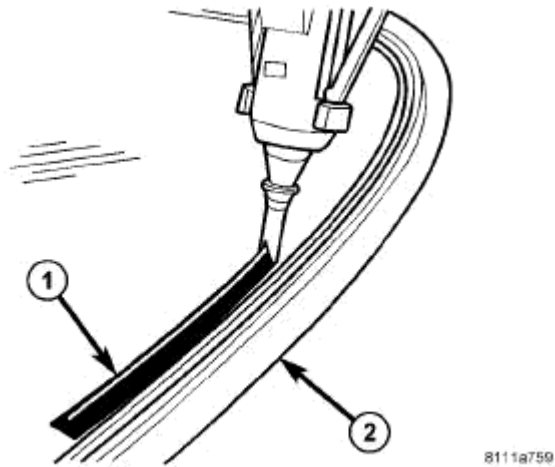


Fig. 214: WINDSHIELD ADHESIVE APPLICATION

Courtesy of CHRYSLER LLC

1 - ADHESIVE BEAD
2 - WINDSHIELD SEAL

1. Apply bead of adhesive (1) with a triangular nozzle directly to the backlight seal starting at bottom in center of the backlight.

CAUTION: Always apply bead of adhesive to the backlight. Always install the backlight within 5 minutes after applying adhesive.

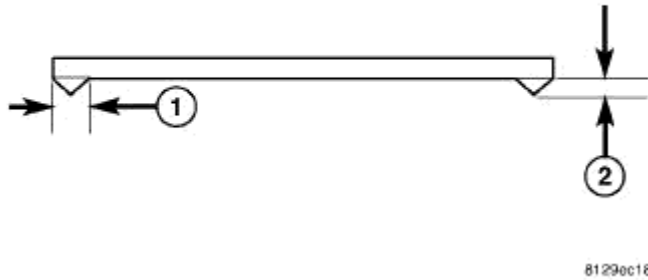


Fig. 215: BEAD DIMENSIONS
Courtesy of CHRYSLER LLC

1 - ADHESIVE WIDTH 9.5 mm (0.375 in)
2 - ADHESIVE HEIGHT 12.7 mm (0.50 in)

2. Bead dimensions should be approximately 9.5 mm wide (1) by 12.7 mm in height (2).

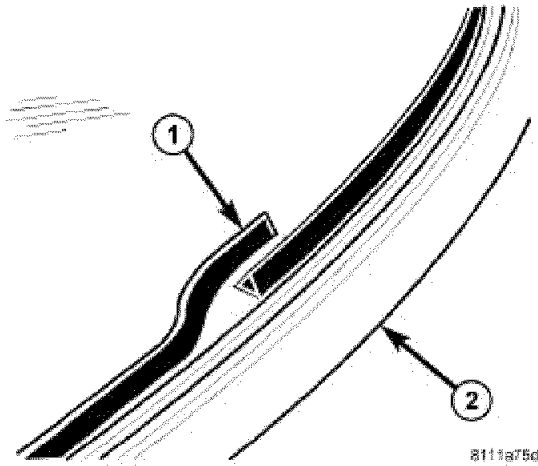


Fig. 216: WINDSHIELD ADHESIVE OVERLAP
Courtesy of CHRYSLER LLC

1 - ADHESIVE BEAD
2 - WINDSHIELD SEAL

3. Allow end of adhesive bead (1) to run out parallel to the start of the bead and smooth ends flush.

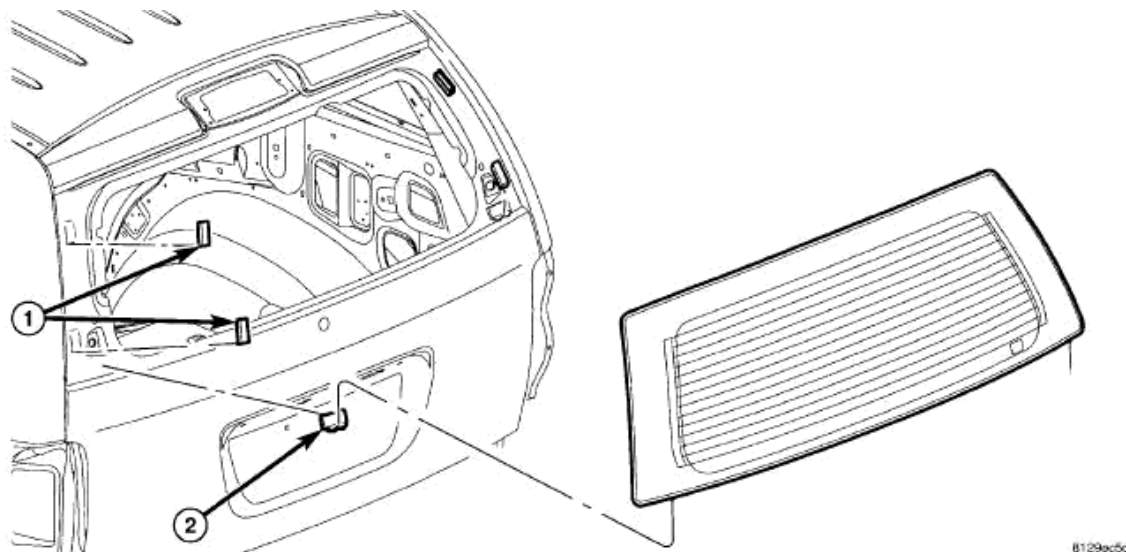


Fig. 217: Spacers To Liftgate Frame & Backlight
Courtesy of CHRYSLER LLC

4. Lift backlight into place in the center of the liftgate opening and use the tape as a guide to aid installation of the backlight into the center of the cutout.
5. Carefully lay down the backlight and press on.

CAUTION: It is no longer possible to move the backlight after installation. The backlight should never be pressed into place by more than one person, because the backlight can break if pressed simultaneously on both sides.

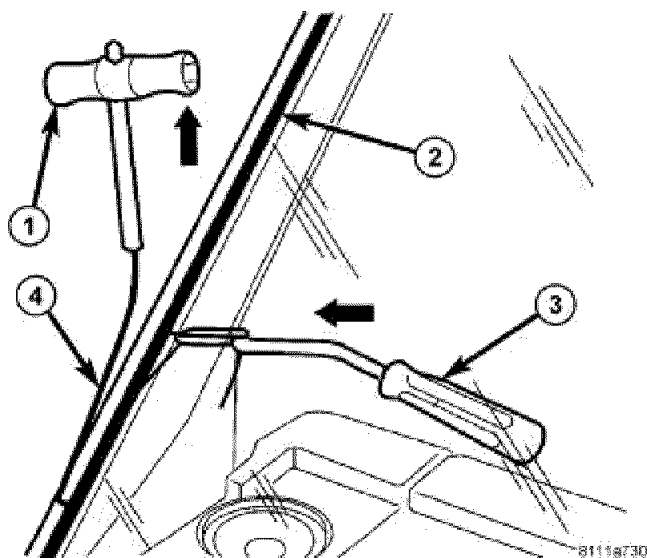
CAUTION: Roll down the left and right front door glass and open the rear glass slider (if available) before installing backlight to avoid pressurizing the passenger compartment if a door is slammed before urethane is cured. Water leaks can result.

6. Install the rear wiper arm, if equipped. Refer to **Electrical - Wipers/Washers/Wipers/Washers/ARM, Wiper - Installation**
7. Install the liftgate trim panels.

GLASS, QUARTER

Removal

REMOVAL

**Fig. 218: ADHESIVE SEPARATION**

Courtesy of CHRYSLER LLC

- | |
|--|
| 1 - T-HANDLE
2 - WINDSHIELD ADHESIVE
3 - COUNTER SUPPORT
4 - CUTTING WIRE |
|--|

1. Before proceeding with the following repair procedure, review all warnings and cautions. See **Body/Stationary Glass - Warning**.
2. Remove quarter panel trim. See **Body/Interior/PANEL, Quarter Trim - Removal**.

NOTE: Windshield removal shown, quarter glass similar.

3. Using a windshield cut-out wire (4) or other suitable tool, separate the adhesive (2).
4. Release the tabs and the tabs on the alignment pin and carefully remove the quarter glass.

Installation

INSTALLATION

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

CAUTION: Roll down the left and right front door glass and open the rear glass slider (if available) before installing quarter glass to avoid pressurizing the passenger compartment if a door is slammed before urethane is cured. Water leaks can result.

NOTE: The quarter glass fence should be cleaned of most of its old urethane bonding material. A small amount of old urethane, approximately 1-2 mm in height, should remain on the fence. Do not grind off or completely remove all old urethane from the fence, the paint finish and bonding strength will be adversely affected.

Glass Preparation - Installing A Previously Installed Quarter Glass

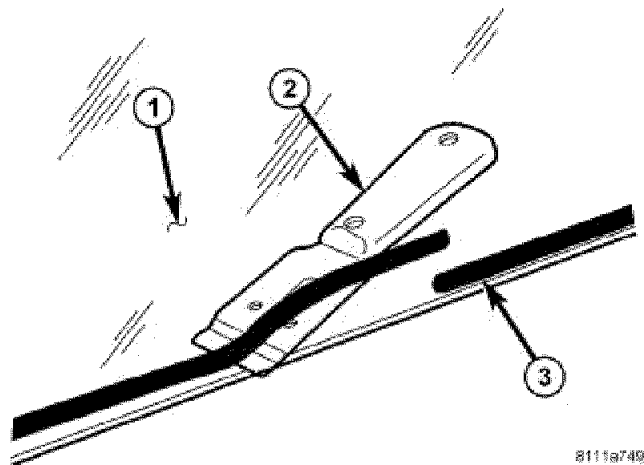
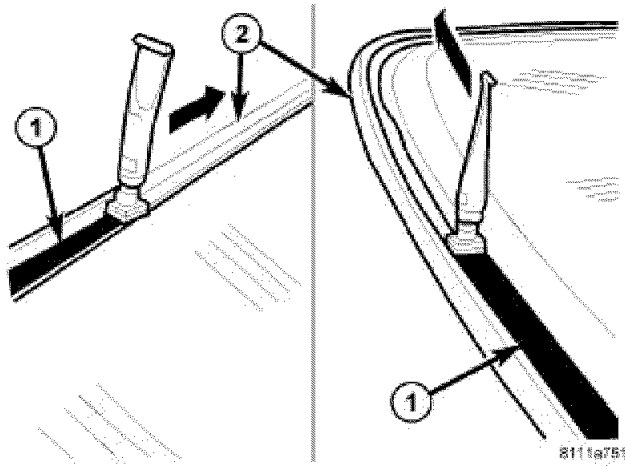


Fig. 219: WINDSHIELD ADHESIVE PREPARATION
Courtesy of CHRYSLER LLC

- | |
|---|
| 1 - WINDSHIELD
2 - SCRAPER
3 - OLD ADHESIVE |
|---|

1. Before proceeding with the following repair procedure, review all warnings and cautions. See **Body/Stationary Glass - Warning**
2. Level old bead of quarter glass adhesive (3) to a thickness of approximately 1 mm (0.04 in.) and remove loose adhesive.

**Fig. 220: WINDSHIELD PRIMER**

Courtesy of CHRYSLER LLC

- | |
|-----------------------------------|
| 1 - PRIMER
2 - WINDSHIELD SEAL |
|-----------------------------------|

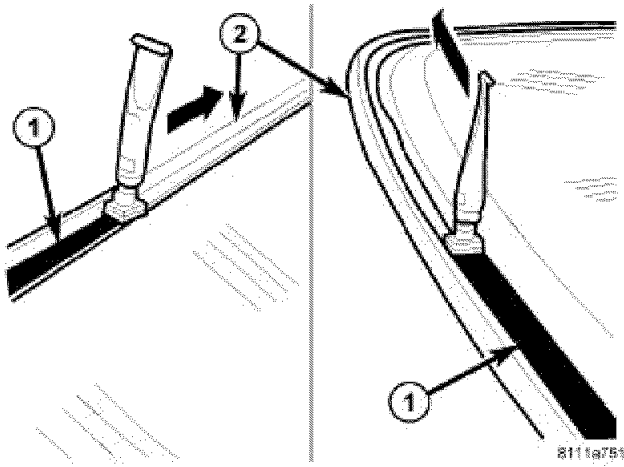
NOTE: Typical primer installation shown.

3. Clean and dry area of glass (2) to be re-glued with a suitable glass preparation solvent and rag.
4. Using a flash light, verify that glass primer is without damage.
5. Re-prime any damaged area. If old adhesive has been exposed for more than 12 hours, entire adhesive area needs to be re-primed.
6. Apply primer (1) around the perimeter of the glass to a width of 15 mm (0.5 in.).

NOTE: Make sure the primer does not touch the locating pins and tabs.

7. Allow primer to air dry for at least 10 minutes.
8. Using a flash light, verify that glass primer is without damage.

Glass Preparation - Installing A New Quarter Glass

**Fig. 221: WINDSHIELD PRIMER**

Courtesy of CHRYSLER LLC

- | |
|-----------------------------------|
| 1 - PRIMER
2 - WINDSHIELD SEAL |
|-----------------------------------|

NOTE: Typical primer installation shown.

1. Clean and dry area of glass (2) to be re-glued with a suitable glass preparation solvent and rag.
2. Apply primer to gluing surface at quarter glass seal.
3. Apply primer (1) around the perimeter of the glass to a width of 15 mm (0.5 in.) (3).

NOTE: Make sure the primer does not touch the locating pins and tabs (2, 4).

4. Allow primer to air dry for at least 10 minutes.
5. Using a flash light, verify that glass primer is without damage.

Quarter Glass Opening Preparation

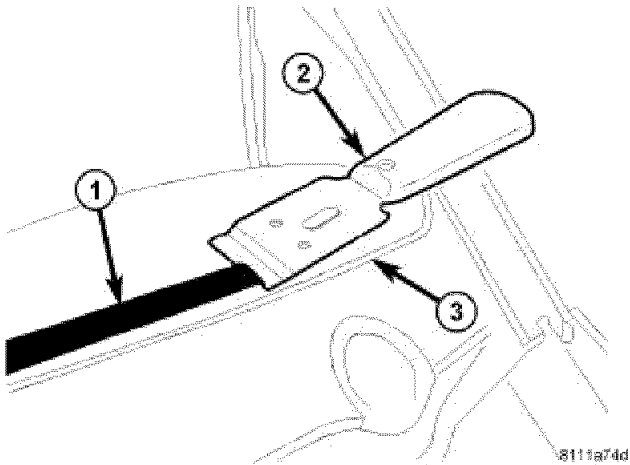


Fig. 222: WINDSHIELD OPENING PREPARATION
Courtesy of CHRYSLER LLC

- | |
|--|
| <p>1 - OLD ADHESIVE</p> <p>2 - SCRAPER</p> <p>3 - WINDSHIELD OPENING</p> |
|--|

NOTE: Windshield opening shown, quarter glass opening similar.

1. Clean and vacuum quarter glass opening.
2. Level old bead of quarter glass opening adhesive (1) to a thickness of approximately 1 mm (0.04 in.) and remove loose adhesive.

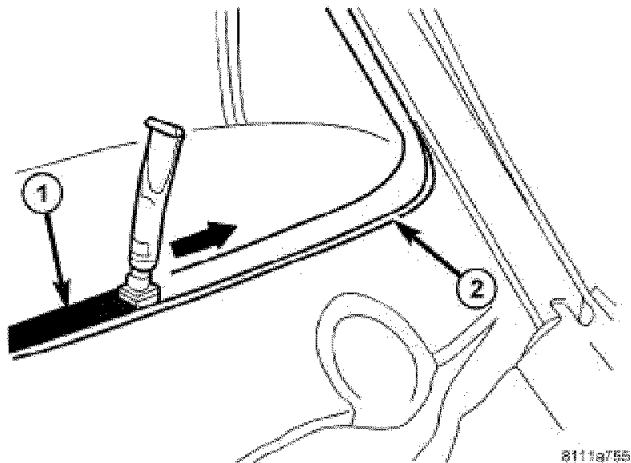


Fig. 223: WINDSHIELD OPENING PRIMER
Courtesy of CHRYSLER LLC

- | |
|-------------------|
| <p>1 - PRIMER</p> |
|-------------------|

2 - WINDSHIELD OPENING

NOTE: Windshield opening shown, quarter glass opening similar.

3. Clean and dry area of quarter glass opening to be re-glued with a suitable glass preparation solvent and rag.
4. Re-prime any damaged area. If old adhesive has been exposed for more than 12 hours, entire adhesive area needs to be re-primed.

NOTE: Make sure the primer does not touch the locating pins and tabs.

5. Allow primer to air dry for at least 10 minutes.

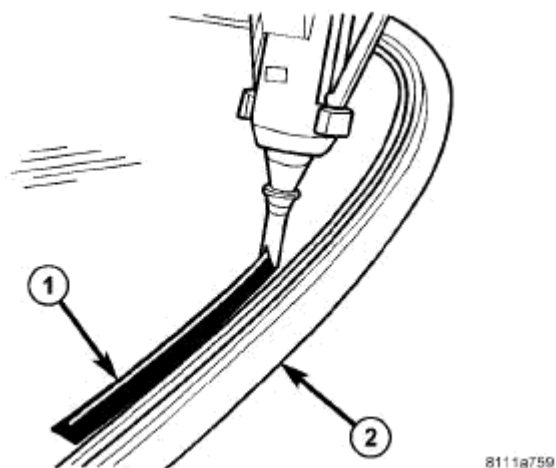
Quarter Glass Installation

Fig. 224: WINDSHIELD ADHESIVE APPLICATION
Courtesy of CHRYSLER LLC

- 1 - ADHESIVE BEAD
- 2 - WINDSHIELD SEAL

1. Apply bead of adhesive (1) with a triangular nozzle directly to the quarter glass seal starting at bottom in center of the quarter glass.

CAUTION: Always apply bead of adhesive to the quarter glass. Always install the quarter glass within 5 minutes after applying adhesive.

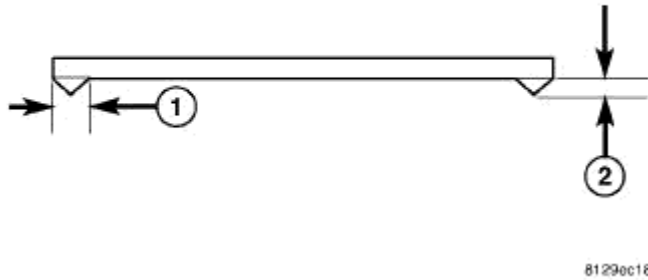


Fig. 225: BEAD DIMENSIONS
Courtesy of CHRYSLER LLC

- | |
|---------------------------------------|
| 1 - ADHESIVE WIDTH 9.5 mm (0.375 in) |
| 2 - ADHESIVE HEIGHT 12.7 mm (0.50 in) |

2. Bead dimensions should be approximately 9.5 mm wide (1) by 12.7 mm in height (2).

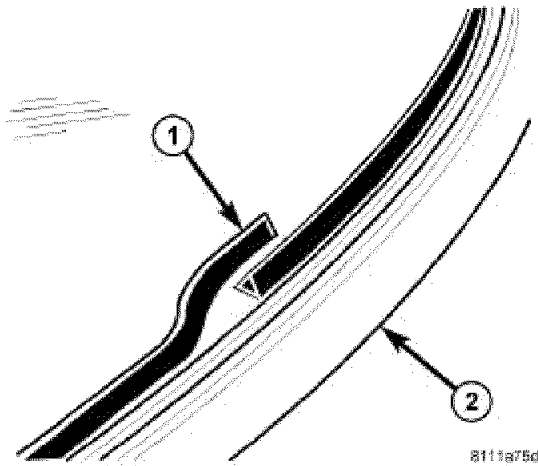


Fig. 226: WINDSHIELD ADHESIVE OVERLAP
Courtesy of CHRYSLER LLC

- | |
|---------------------|
| 1 - ADHESIVE BEAD |
| 2 - WINDSHIELD SEAL |

3. Allow end of adhesive bead (1) to run out parallel to the start of the bead and smooth ends flush.
4. Lift quarter glass into place in the center of the quarter glass opening and install over the alignment tabs and pin.
5. Carefully lay down the quarter glass and press on.

CAUTION: It is no longer possible to move the quarter glass after installation.

The quarter glass should never be pressed into place by more than one person, because the quarter glass can break if pressed simultaneously on both sides.

CAUTION: Roll down the left and right front door glass and open the rear glass slider (if available) before installing quarter glass to avoid pressurizing the passenger compartment if a door is slammed before urethane is cured. Water leaks can result.

6. Install quarter panel trim. See **Body/Interior/PANEL, Quarter Trim - Installation**

WINDSHIELD

Description

DESCRIPTION

The windshield is attached to the window frame (fence) with urethane adhesive. The urethane adhesive is applied cold and seals the surface area between the window opening and the glass. The primer adheres the urethane adhesive to the 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 rubber seals are set in urethane, it would also be unlikely they could be salvaged. Before removing the windshield, check the availability of the windshield and seals from the parts supplier.

Removal

REMOVAL

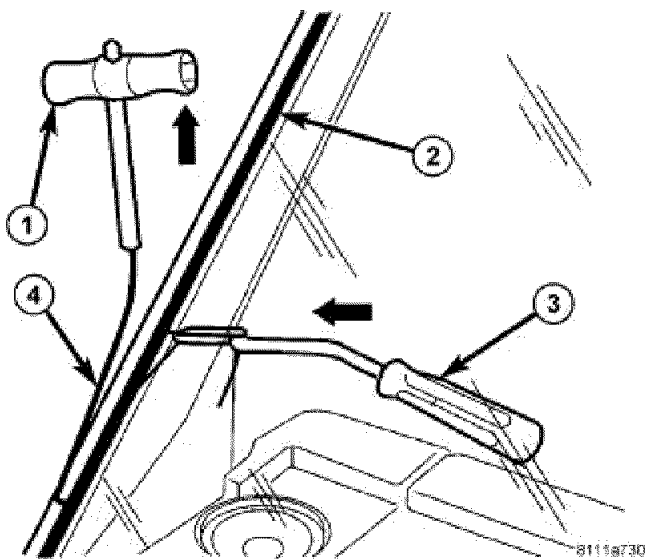


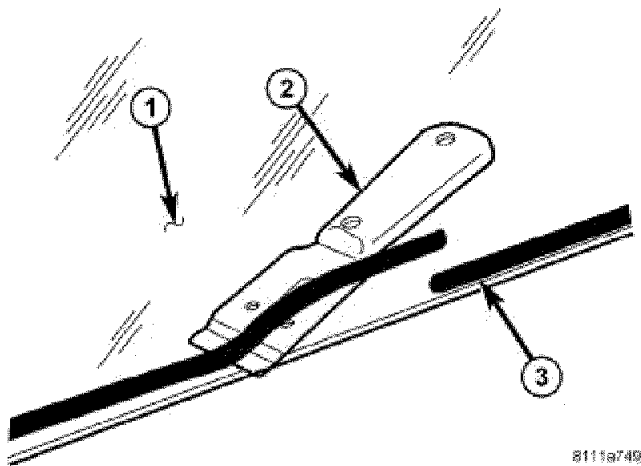
Fig. 227: ADHESIVE SEPARATION

Courtesy of CHRYSLER LLC

1. Before proceeding with the following repair procedure, review all warnings and cautions. See **Body/Stationary Glass - Warning**.
2. Remove the rear view mirror. See **Body/Interior/MIRROR, Rearview - Removal**.
3. Remove the cowl grille. See **Body/Exterior/COVER, Cowl Panel - Removal**

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

4. Using an assistant and a wire-type windshield cut-out tool (1, 3 and 4), cut and separate the urethane adhesive (2) securing the windshield to the windshield fence.
5. Carefully remove the windshield from the vehicle.
6. Remove molding from the sides of the windshield.

Installation**INSTALLATION****Fig. 228: Glass Adhesive Preparation**

Courtesy of CHRYSLER LLC

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 if the vehicle is in an accident.

CAUTION: To help prevent water leaks, partially roll down the left and right door glass before installing the windshield. This avoids pressurizing the passenger compartment if a door is slammed before the urethane is cured.

1. If the windshield (1) is being reused, remove as much of the original urethane (3) as possible from the glass surface using a razor knife (2).

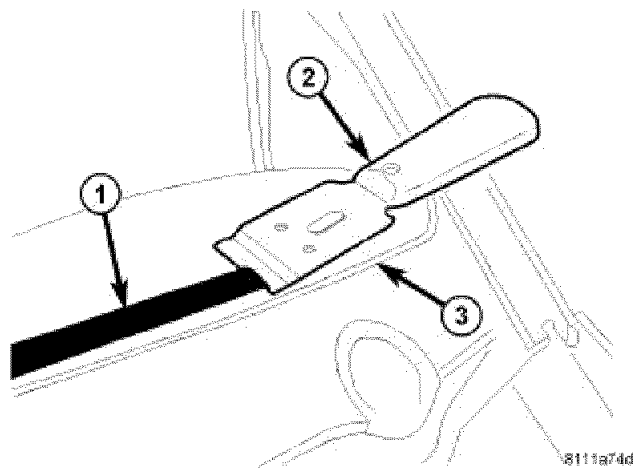


Fig. 229: WINDSHIELD OPENING PREPARATION

Courtesy of CHRYSLER LLC

CAUTION: To prevent corrosion, do not damage paint on windshield fence when removing original urethane.

CAUTION: The windshield fence should be cleaned of most of its old urethane adhesive. A small amount of old urethane, approximately 1 mm (.039 in.) in height should remain on the fence. Do not completely remove all old urethane from the fence, the paint finish and bonding strength will be adversely affected.

CAUTION: Support spacers located near the cowl at the bottom of the windshield fence should be replaced with new spacers. Replace any missing or damaged spacers around the perimeter of the windshield fence.

2. Using a razor knife (2), level the original bead of urethane (1) on the windshield fence (3) to a thickness of approximately 1 mm (0.04 in.) and remove any damaged adhesive backed spacers.
3. Install new adhesive backed spacers along the windshield fence as required.
4. Install a new rubber seal along the sides of the windshield.
5. Using an assistant, position the windshield into the windshield opening and against the windshield fence and spacers.
6. Verify the windshield lays evenly against the fence at the top, bottom and sides of the opening. If not, the fence must be formed to the shape of the windshield.
7. Mark the windshield and the windshield fence with a grease pencil or pieces of masking tape to use as a reference for installation.

8. Using an assistant, remove the windshield from the windshield opening and place it on a suitable padded work surface.

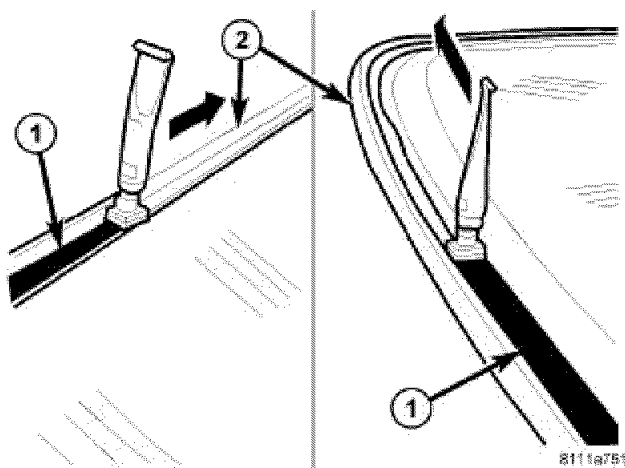


Fig. 230: WINDSHIELD PRIMER

Courtesy of CHRYSLER LLC

WARNING: Do not use solvent based glass cleaners to clean the windshield before applying glass prep and primer or poor glass adhesion may result.

9. Clean the inside of the windshield with an ammonia based glass cleaner and a lint-free cloth.
10. Apply glass prep adhesion promoter 25 mm (1 in.) wide (1) around the perimeter of the windshield (2) and 5 mm (0.2 in.) from the edge of the glass and wipe dry with a clean lint-free cloth until no streaks are visible.
11. Apply glass primer 25 mm (1 in.) wide (1) around the perimeter of the windshield (2) and 5 mm (0.2 in.) from the edge of the glass. Allow at least three minutes drying time.
12. Using a flashlight, verify that the primer is completely and evenly installed along the perimeter of the windshield.
13. Re-prime any area that is not fully and evenly primed.

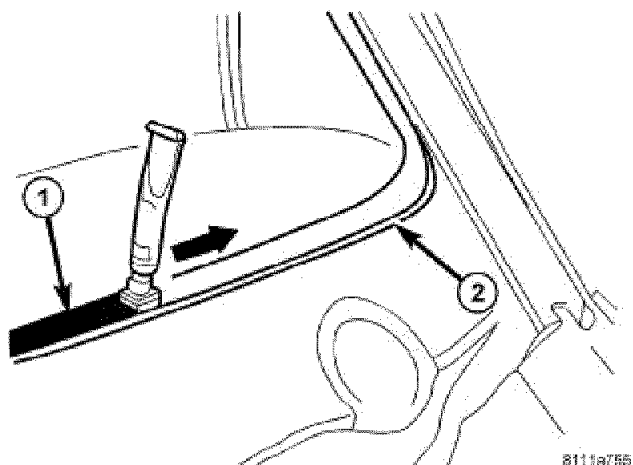


Fig. 231: WINDSHIELD OPENING PRIMER
Courtesy of CHRYSLER LLC

14. Clean the windshield fence with an ammonia based glass cleaner and a lint-free cloth.
15. Apply pinch weld primer 15 mm (0.75 in.) wide (1) around the windshield fence (2). Allow at least three minutes drying time.
16. Using a flashlight, verify that the primer is completely and evenly installed along the windshield fence.
17. Re-prime any area that is not fully and evenly primed.

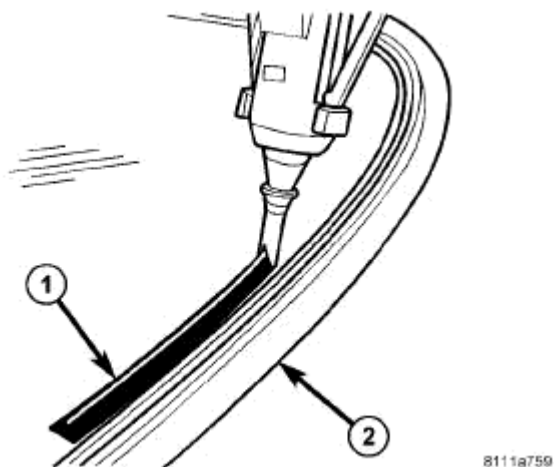


Fig. 232: WINDSHIELD ADHESIVE APPLICATION
Courtesy of CHRYSLER LLC

CAUTION: Always apply the bead of adhesive to the windshield. Always install the windshield within 5 minutes after applying the adhesive.

NOTE: If the original urethane adhesive has been exposed for more than 12 hours, the entire adhesive area will need to be re-primed prior to installing

new adhesive.

18. Apply approximately a 10 mm (0.4 in.) wide bead of adhesive (1) with a triangular nozzle approximately 6 mm (0.230 in.) from the edge of the glass (2) starting at the bottom center of the windshield.

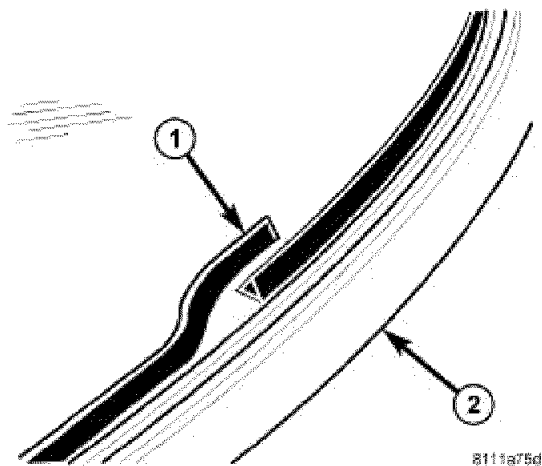


Fig. 233: WINDSHIELD ADHESIVE OVERLAP

Courtesy of CHRYSLER LLC

19. Run the end of the adhesive bead (1) on the windshield (2) parallel to the start of the bead and smooth the ends flush.
20. Using an assistant, position the windshield over the windshield opening.
21. Using the grease pencil marks or tape as reference points, align the windshield to the windshield opening.
22. Carefully lower the windshield into the windshield opening. Guide the windshield and the rubber seals on the sides of the windshield into its proper location.

CAUTION: It is not possible to move the windshield after installation. The windshield should never be pressed into place by more than one person, because the windshield can break if pressed simultaneously on both sides.

23. Push the windshield inward until the windshield comes into contact with the spacers located on each side and the bottom of the windshield fence.
24. Install the cowl grill. See **Body/Exterior/COVER, Cowl Panel - Removal**.
25. Install the rear view mirror onto the windshield. See **Body/Interior/MIRROR, Rearview - Installation**.

SUNROOF

DESCRIPTION

DESCRIPTION

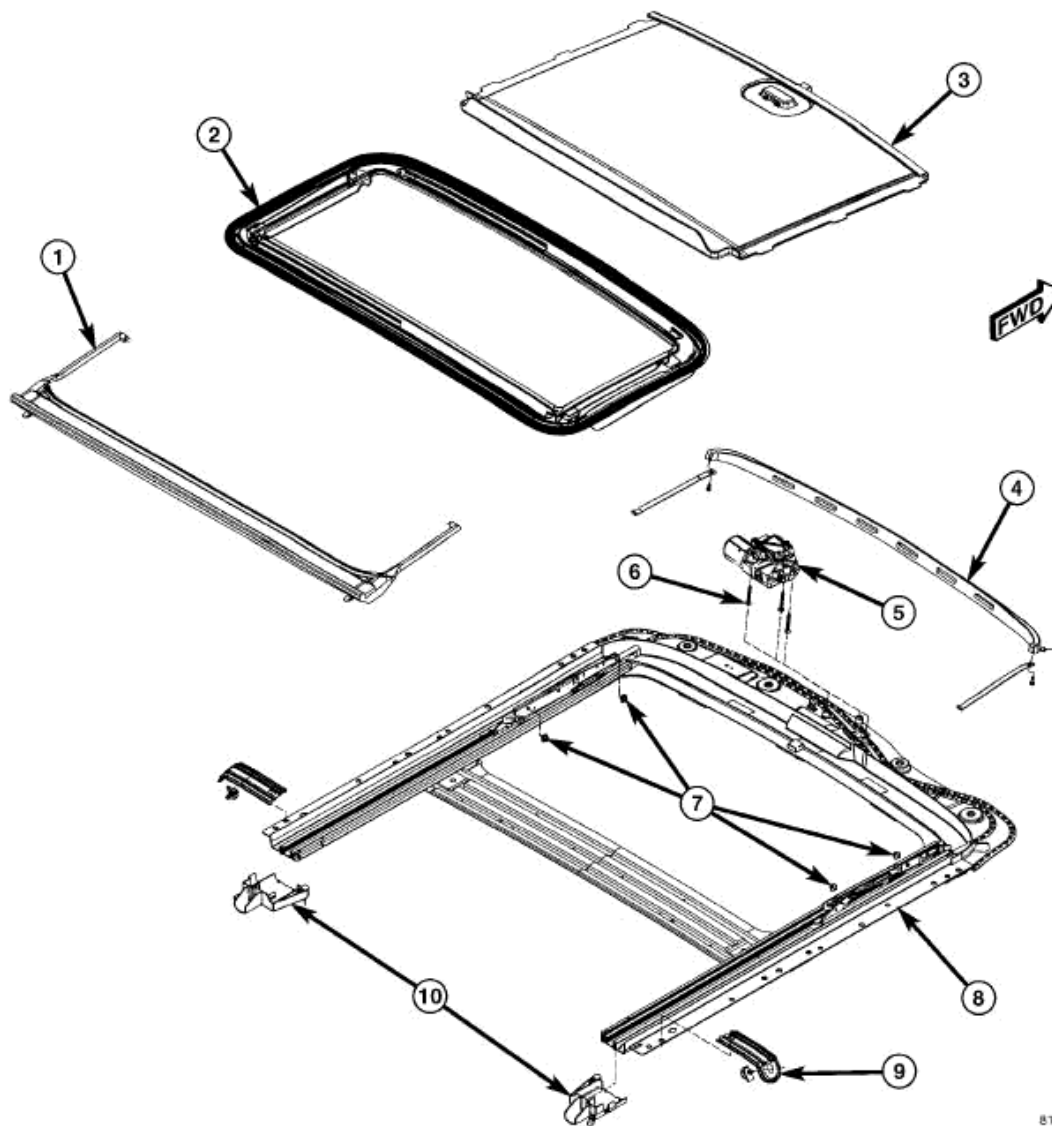


Fig. 234: Exploded View Of Sunroof
 Courtesy of CHRYSLER LLC

SUNROOF ASSEMBLY BREAKDOWN

1 - DRAIN TROUGH	6 - MOTOR SCREWS (3) 3 N.m (26 in. lbs.)
2 - GLASS ASSEMBLY	7 - GLASS ASSEMBLY SCREWS (4) 3.5 N.m (31 in. lbs.)
3 - SUN SHADE	8 - FRAME ASSEMBLY
4 - WIND DEFLECTOR	9 - BRACKETS
5 - MOTOR	10 - END CAPS

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

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

DIAGNOSIS AND TESTING

WATER DRAINAGE AND WIND NOISE

The sliding glass panel is designed to seal water entry with a snug fit between the roof and the seal. The fit can be checked by inserting a piece of paper between the roof and the seal. The piece of paper should have some resistance when pulled out when the glass panel is in the closed position. The sunroof housing will drain off a minimum amount of water. Excessive wind noise could result if the gap clearances are exceeded. The sunroof glass panel may need to be adjusted. See **Body/Sunroof/GLASS, Sunroof - Adjustments**.

Adequate drainage is provided by a drain trough in the sunroof housing which encircles the sliding glass panel and leads to drain hoses. If a wet headliner or other water leak complaints are encountered, before performing any adjustments, first ensure that the drainage system is not plugged or disconnected. Use a pint container to pour water into the sunroof housing drain trough. If water flow is restricted, use compressed air to blow out any material plugging the drain system. Retest system again.

To further check for a disconnected drain hose:

1. Remove A-pillar trim, sun visors, and map lamps/mini console.
2. Lower headliner as necessary to gain access to sunroof housing drain tubes. See **Body/Interior/HEADLINER - Removal**.
3. Repair as necessary.
4. Install headliner. See **Body/Interior/HEADLINER - Installation**.

DEFLECTOR, WIND

Removal

REMOVAL

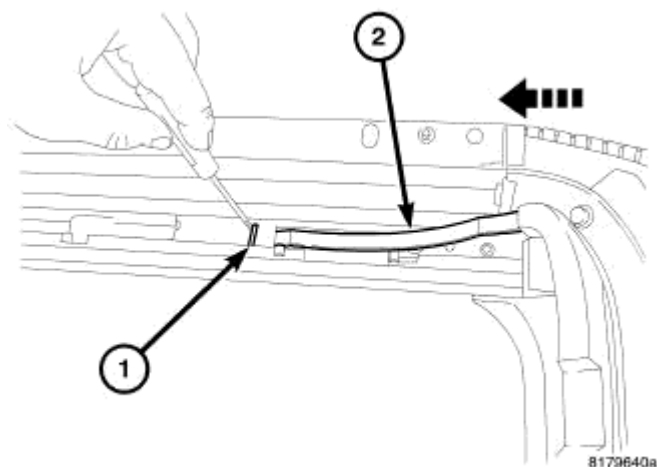
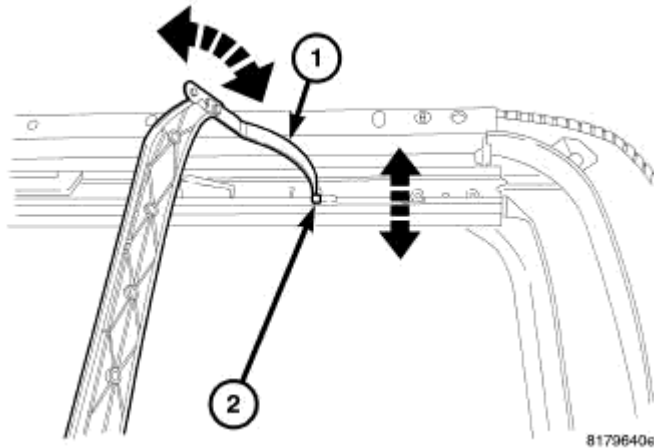


Fig. 235: Wind Deflector Spring Lock

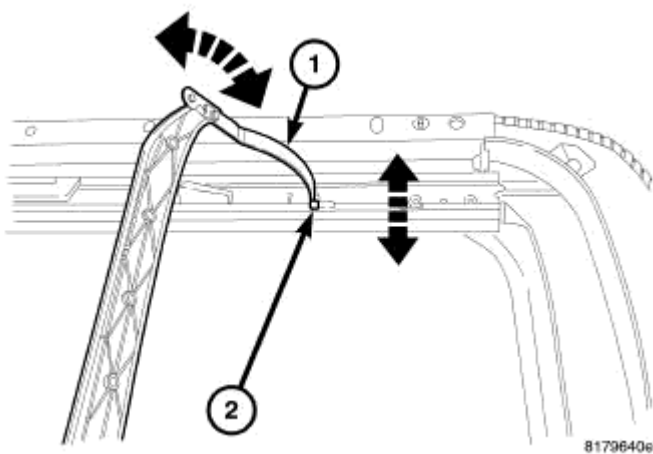
Courtesy of CHRYSLER LLC

1. Open the sunroof glass to the full open position.
2. Press the spring lock (1) with a small flat bladed tool and push the wind deflector (2) reward to release from the car top opening.
3. Repeat the previous step on the opposite side.

**Fig. 236: Wind Deflector Springs**

Courtesy of CHRYSLER LLC

4. Rotate the wind deflector (1) up and release from the mounting hole (2) in the sunroof frame.

Installation**INSTALLATION****Fig. 237: Wind Deflector Springs**

Courtesy of CHRYSLER LLC

1. Position the wind deflector springs (1) into the mounting holes (2) in the sunroof frame.
2. Rotate forward and down into position.

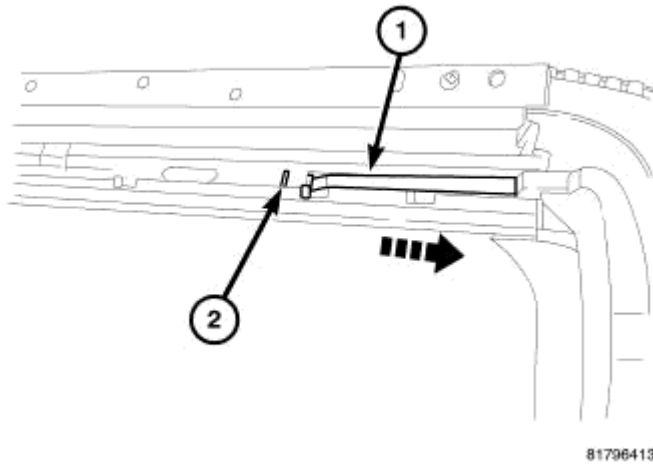


Fig. 238: Sliding Wind Deflector & Spring Forward
Courtesy of CHRYSLER LLC

3. Slide the wind deflector and spring (1) forward under the car top lip and make sure the spring lock snaps into place (2) fully.

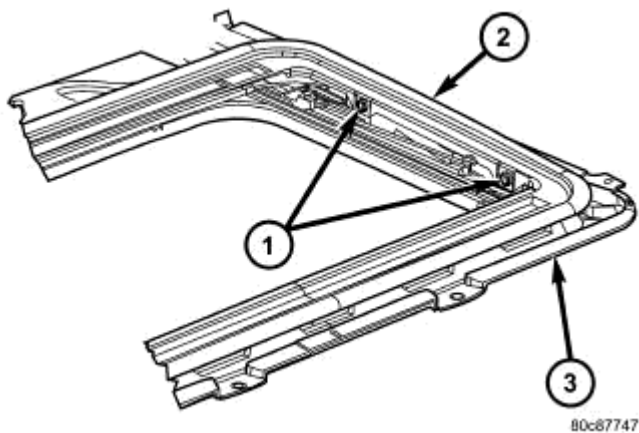
GLASS, SUNROOF**Removal****REMOVAL**

Fig. 239: GLASS PANEL
Courtesv of CHRYSLER LLC

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

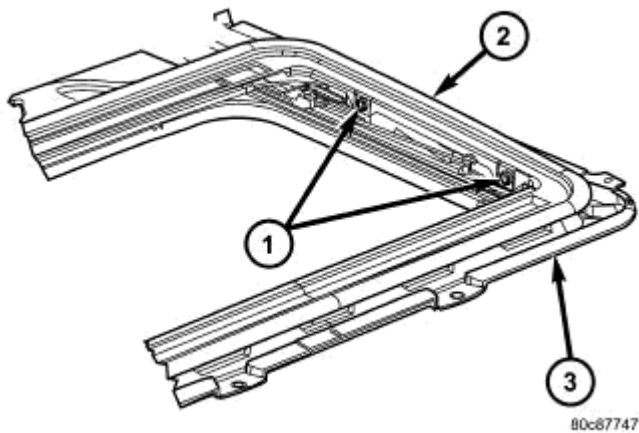
Installation**INSTALLATION**

Fig. 240: GLASS PANEL
Courtesy of CHRYSLER LLC

1. Position glass panel (2) on to mechanism lift arm.
2. Start the four attaching screws (1).
3. Center glass in opening by running a business card around the glass.
4. Adjust glass panel. See **Body/Sunroof/GLASS, Sunroof - Adjustments**.

Adjustments**GLASS PANEL**

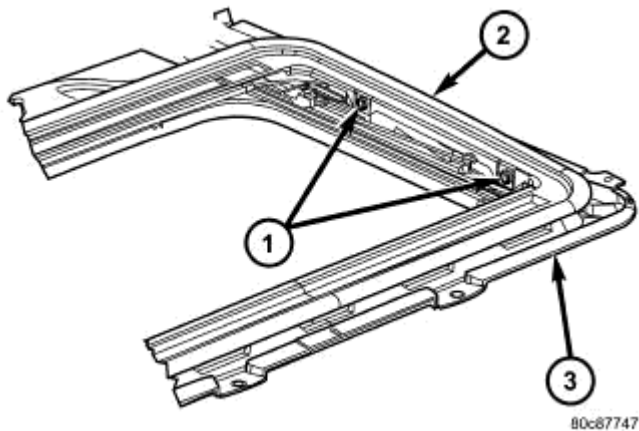


Fig. 241: GLASS PANEL

Courtesy of CHRYSLER LLC

1. Move the sunshade rearward to the open position.
2. Move the sunroof glass panel to the fully closed position.
3. Adjust the glass one corner at a time.
 - a. Loosen four glass screws (1).
 - b. Lift glass assembly and align the top of the glass panel to the top of the roof panel.
 - c. Tighten screw to 3 N.m (26 in. lbs.).
 - d. Repeat steps a. and b. for each corner of the glass panel.
 - e. When properly adjusted, the front of the glass panel is 1.0 mm (0.04 in.) to 2.0 mm (0.08 in.) lower than the roof surface and the rear edge of the glass panel is 1.0 mm (0.04 in.) to 2.0 mm (0.08 in.) higher than the roof surface.

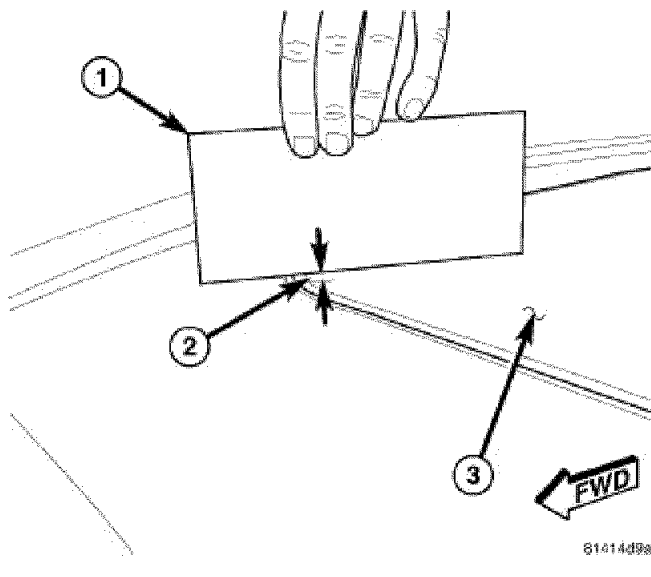
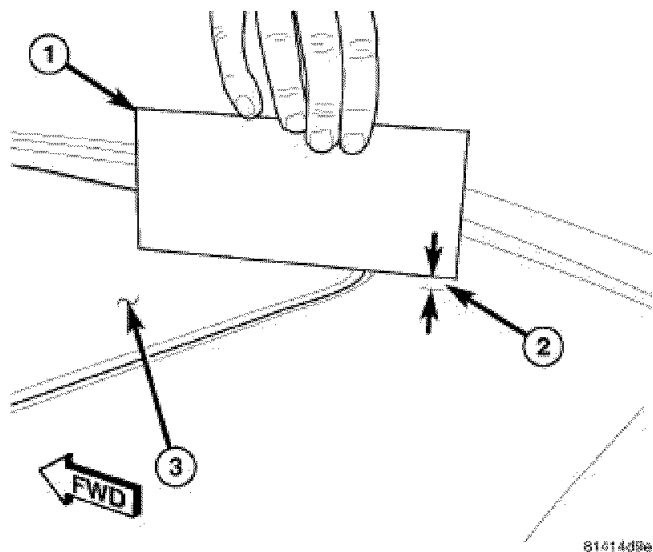


Fig. 242: FRONT ADJUST

Courtesy of CHRYSLER LLC

NOTE: When properly adjusted, the front of the glass panel (3) is 1.0 mm (0.04 in.) to 2.0 mm (0.08 in.) lower than the roof surface (2).

**Fig. 243: REAR ADJUST**

Courtesy of CHRYSLER LLC

NOTE: When properly adjusted, the rear edge of the glass panel (3) is 1.0 mm (0.04 in.) to 2.0 mm (0.08 in.) higher than the roof surface (2).

4. Verify sunroof operation and alignment. Check fit and re-adjust as necessary.

MOTOR, SUNROOF, WITH CONTROL UNIT

Standard Procedure

DRIVE MOTOR TEACH PROCEDURE

REPLACEMENT DRIVE MOTOR

1. Press and hold the sunroof switch open until the sunroof glass fully opens, automatically reverses direction, and stops at a position just forward of the full open position.
2. Release sunroof switch.
3. Within five seconds of releasing sunroof switch, press and hold the sunroof switch open again until the sunroof glass closes, goes into vent position, and then finally stops in the closed position.
4. Release sunroof switch. Sunroof will now operate normally.

ORIGINAL DRIVE MOTOR

1. Press and hold sunroof switch open until the sunroof glass opens and stops.
2. Release sunroof switch.
3. Press and hold sunroof switch open once again for at least 10 seconds. After 10 seconds of pressing the switch open, the sunroof glass will automatically move and stop at a new location.
4. Release sunroof switch.
5. Within five seconds of releasing the sunroof switch, press and hold the switch open again until the sunroof glass closes, goes into vent position, and then finally stops in the closed position.
6. Release sunroof switch. The sunroof will now operate normally.

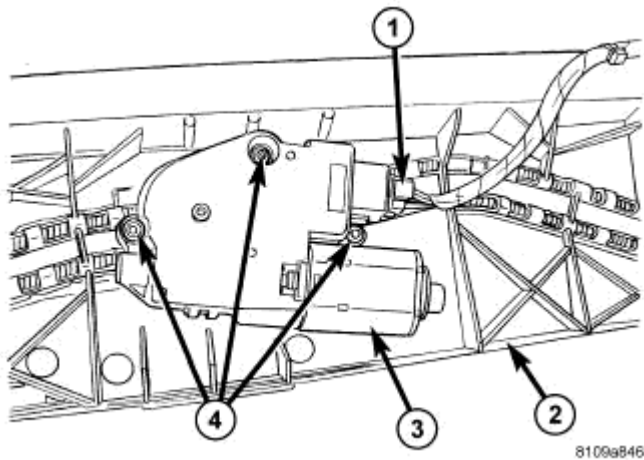
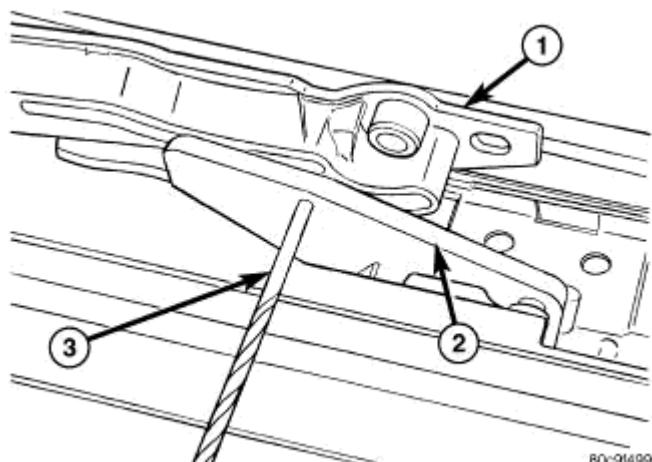
Removal**REMOVAL**

Fig. 244: DRIVE MOTOR
Courtesy of CHRYSLER LLC

- | |
|---|
| 1 - ELECTRICAL CONNECTOR
2 - MODULE ASSEMBLY
3 - DRIVE MOTOR
4 - MOUNTING SCREWS |
|---|

1. Drop headliner to dash. See **Body/Interior/HEADLINER - Removal**
2. Disconnect the electrical connector (1).
3. Remove three motor assembly attaching screws (4) from bottom side of motor assembly (3) and remove motor assembly from the motor bracket.

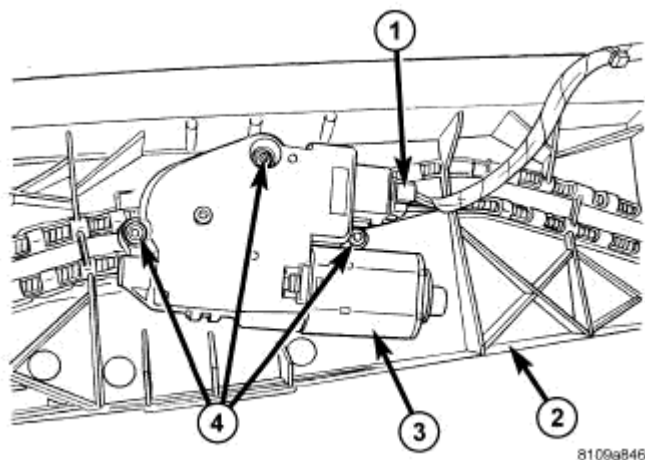
Installation**INSTALLATION**

**Fig. 245: LIFT ARM POSITIONING**

Courtesy of CHRYSLER LLC

- | |
|--|
| 1 - LIFTER ARM
2 - TROLLEY
3 - ALIGNMENT PIN |
|--|

1. If sunroof was open when drive motor was removed, carefully move glass panel into closed position and remove glass panel. See **Body/Sunroof/GLASS, Sunroof - Removal**
2. Set lifter arm timing by manually sliding the mechanisms (1) in the track until timing holes in the trolleys are aligned with the timing holes in the lifter arm cams (2) and insert pins (3) into the mechanisms to hold mechanisms in closed position.

**Fig. 246: DRIVE MOTOR**

Courtesy of CHRYSLER LLC

- | |
|--------------------------|
| 1 - ELECTRICAL CONNECTOR |
|--------------------------|

- 2 - MODULE ASSEMBLY
- 3 - DRIVE MOTOR
- 4 - MOUNTING SCREWS

3. Place motor (3) into position and install screws (4) attaching motor to bracket (2).
4. Tighten the screws (4) to 3 N.m (26 in. lbs.).
5. If sunroof glass panel was removed previously, remove the timing pins and install the sunroof glass panel. See **Body/Sunroof/GLASS, Sunroof - Installation**
6. Partially install the headliner and connect the sunroof wiring electrical connectors. See **Body/Interior/HEADLINER - Installation**
7. Temporarily install sunroof switch and perform the sunroof motor teach procedure. See **Body/Sunroof/MOTOR, Sunroof - Standard Procedure**
8. Test sunroof operation, adjust glass as necessary. See **Body/Sunroof/GLASS, Sunroof - Adjustments**
9. Raise headliner to roof. Complete the headliner installation. See **Body/Interior/HEADLINER - Installation**

SEAL, SUNROOF GLASS

Removal

REMOVAL

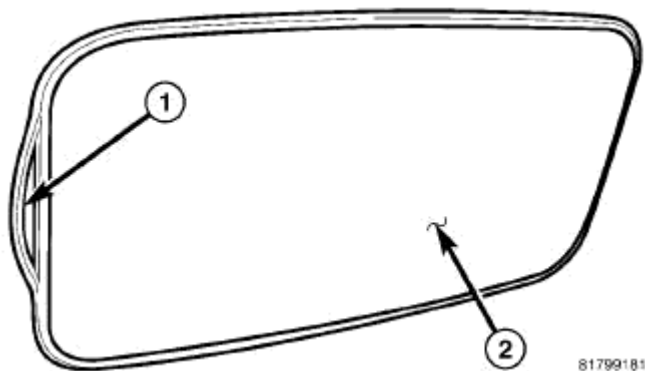


Fig. 247: GLASS SEAL

Courtesy of CHRYSLER LLC

1. Remove sunroof glass panel. See **Body/Sunroof/GLASS, Sunroof - Removal**.
2. Place glass panel on clean work area with the top side up. Support the glass assembly from underside to avoid bending or otherwise damaging the mounting tabs.
3. Grasp the seal (1) and pull seal away from the glass panel (2). The seal is a one piece seal.

Installation

INSTALLATION

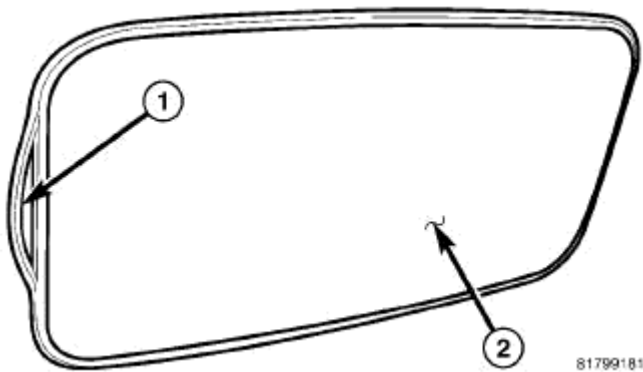


Fig. 248: GLASS SEAL

Courtesy of CHRYSLER LLC

NOTE: Always position seal seam on center of the passenger side of glass panel.

1. Place seal (1) into position.
2. Seat the seal into the glass channel fully. Using care working the seal around the glass (2), being careful not to over stretch the seal while installing.
3. Install the glass panel. See **Body/Sunroof/GLASS, Sunroof - Installation.**

SUNROOF

Removal

REMOVAL

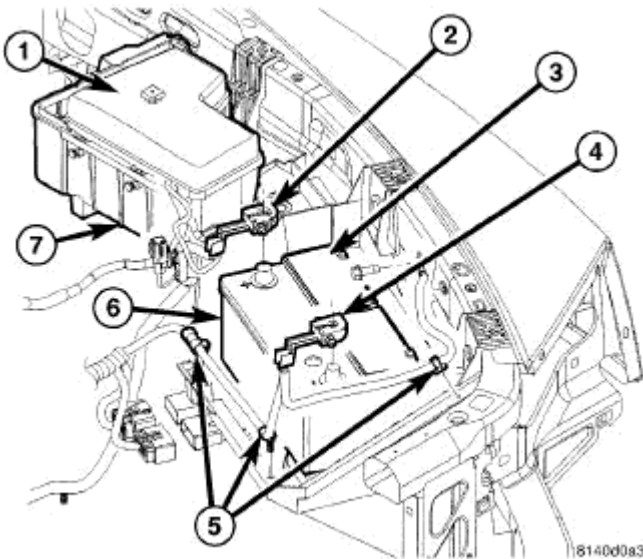


Fig. 249: BATTERY SYSTEM COMPONENTS

Courtesy of CHRYSLER LLC

1. Move glass panel to fully closed position.
2. Disconnect and isolate negative battery cable (4).
3. Remove control switch. Refer to **Electrical/Power Top/SWITCH, Sunroof - Removal** .
4. Drop headliner to seat. See **Body/Interior/HEADLINER - Removal**.

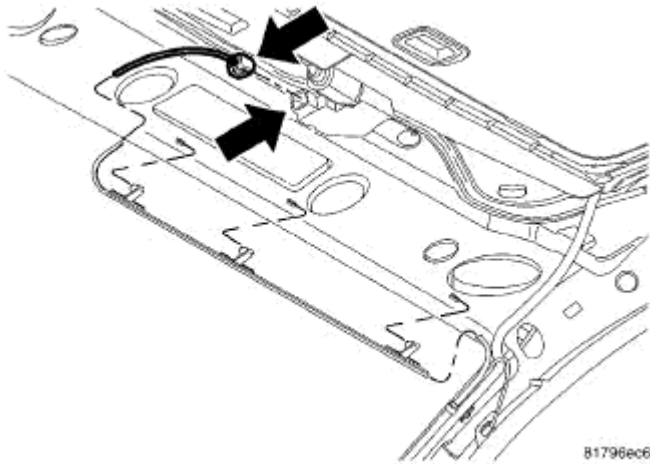


Fig. 250: ELECTRICAL CONNECTOR
Courtesy of CHRYSLER LLC

5. Disconnect the electrical connector.

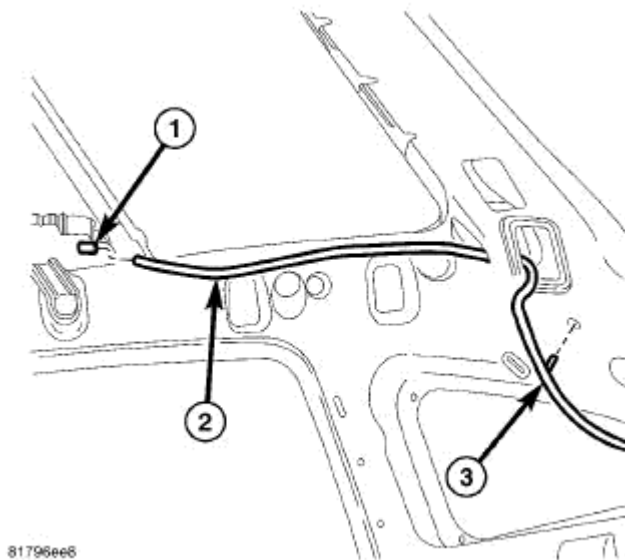


Fig. 251: Drain Tubes From Sunroof Housing
Courtesy of CHRYSLER LLC

6. Disconnect drain tubes (2) from sunroof housing (1).

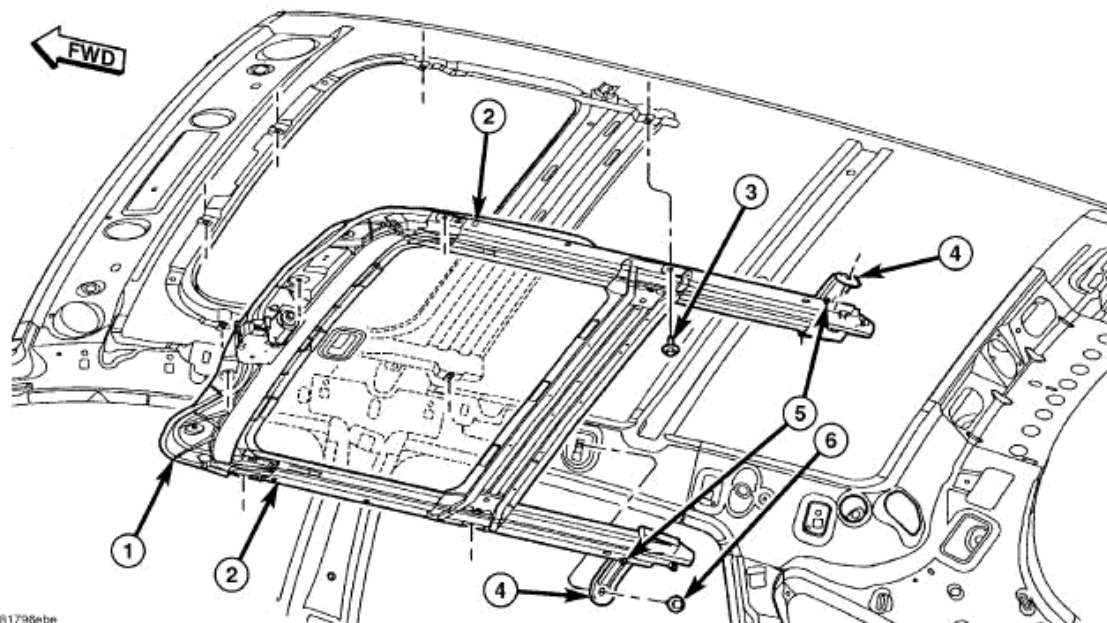
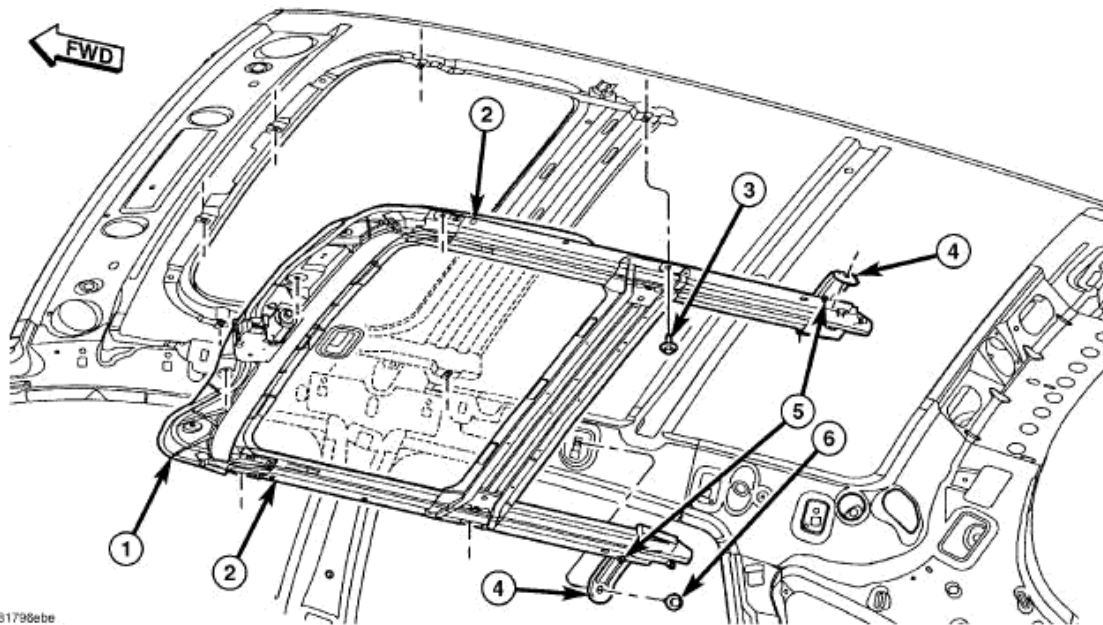


Fig. 252: Sunroof Module Assembly
Courtesy of CHRYSLER LLC

7. Remove two module side bracket (4) bolts (6) and loosen the six remaining fasteners (3).
8. Remove the six (3) fasteners attaching sunroof module assembly (1) to roof panel.
9. Remove the glass panel. See **Body/Sunroof/GLASS, Sunroof - Removal**.
10. Remove the sunshade. See **Body/Sunroof/SUNSHADE, Sunroof - Removal**.
11. Remove the drive motor. Refer to **Electrical/Power Top/MOTOR, Sunroof - Removal**.
12. Remove the wire harness.
13. Remove the trough guides. See **Body/Sunroof/TROUGH, Sunroof - Removal**

Installation

INSTALLATION



81798ebe

Fig. 253: Sunroof Module Assembly
Courtesy of CHRYSLER LLC

1. Install the trough guides. See **Body/Sunroof/TROUGH, Sunroof - Installation.**
2. Install the drive motor. Refer to **Electrical/Power Top/MOTOR, Sunroof - Installation .**
3. Install the sunshade. See **Body/Sunroof/SUNSHADE, Sunroof - Installation.**
4. Install the glass panel. See **Body/Sunroof/GLASS, Sunroof - Installation.**
5. Raise rear end of sunroof module assembly (1) and guide into position and start the six fasteners (3).
6. Visually line up the alignment guide holes (2) with the guide holes in the roof of the vehicle.
7. Tighten the six fasteners (3) to 9 N.m (80 in. lbs.).
8. Tighten the two side bracket fasteners (6) to 9 N.m (80 in. lbs.).

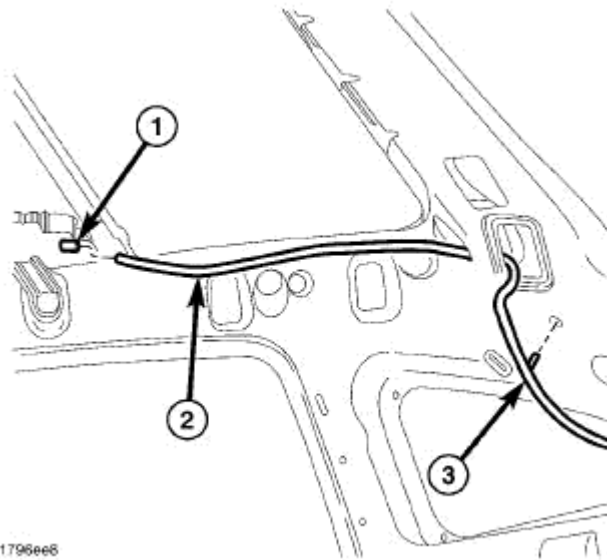


Fig. 254: Drain Tubes From Sunroof Housing
Courtesy of CHRYSLER LLC

9. Connect the drain tubes (2) to the assembly (1).

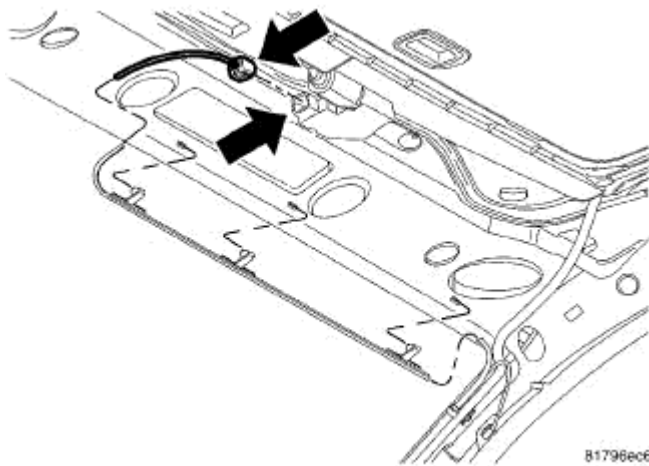


Fig. 255: ELECTRICAL CONNECTOR
Courtesy of CHRYSLER LLC

10. Connect the electrical connector.
11. Connect the battery negative cable.
12. Test sunroof operation, adjust glass as necessary. See **Body/Sunroof/GLASS, Sunroof - Adjustments**.
13. Partially install the headliner and connect the sunroof wiring electrical connectors. See **Body/Interior/HEADLINER - Installation**.
14. Temporarily install sunroof switch and perform the sunroof motor teach procedure. See **Body/Sunroof/MOTOR, Sunroof - Standard Procedure**.

15. Install the headliner. See **Body/Interior/HEADLINER - Installation**.
16. Verify correct sunroof operation.

SUNSHADE, SUNROOF

Removal

REMOVAL

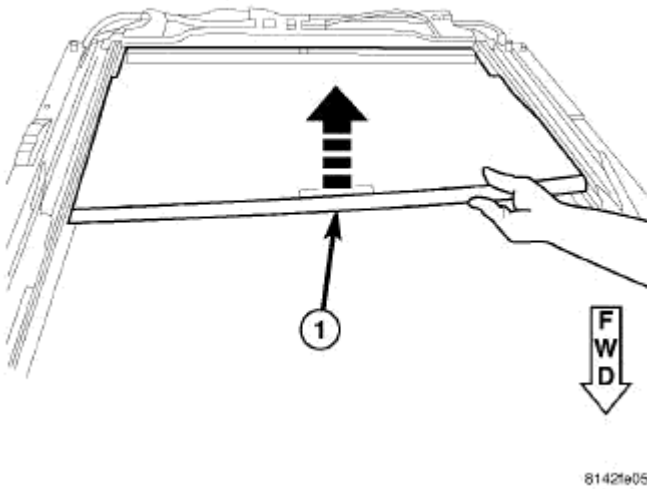


Fig. 256: Front Center Of Sunshade
Courtesy of CHRYSLER LLC

1. Remove the drain trough. See **Body/Sunroof/TROUGH, Sunroof - Removal**
2. Push up the front center of the sunshade (1) to pop out the front two feet.

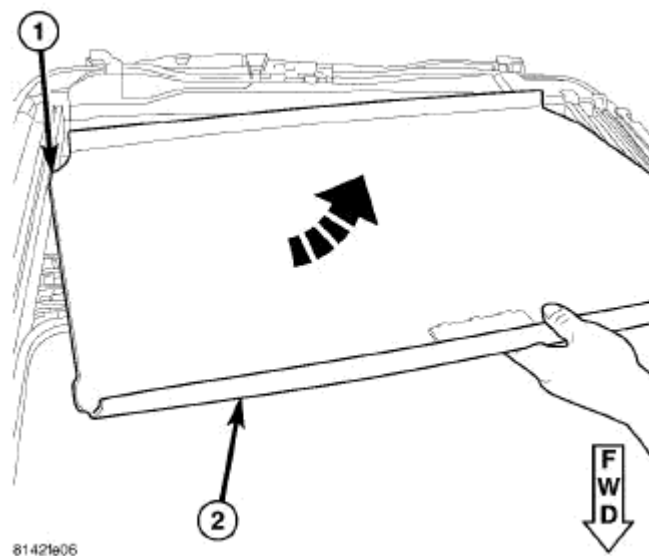


Fig. 257: Rotating Sunshade So That Other Feet Are Removed From Guide Track
Courtesy of CHRYSLER LLC

3. Rotate the sunshade (2) so that the other feet (1) are removed from the guide track.

Installation

INSTALLATION

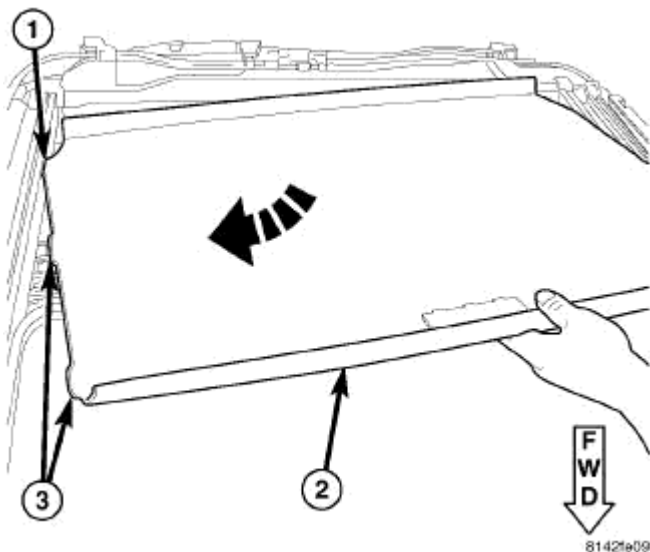


Fig. 258: Rotating Sunshade So Other Rear Foot Is In Track As Well As Other Feet On Same Side As First Foot
Courtesy of CHRYSLER LLC

1. Verify the sunshade track is free of obstructions like the trim lace/ring.

2. Start with sunshade (2) at an angle with one foot (1) in the track.
3. Rotate the sunshade so the other rear foot is in the track as well as the 2 other feet (3) on the same side as the first foot.

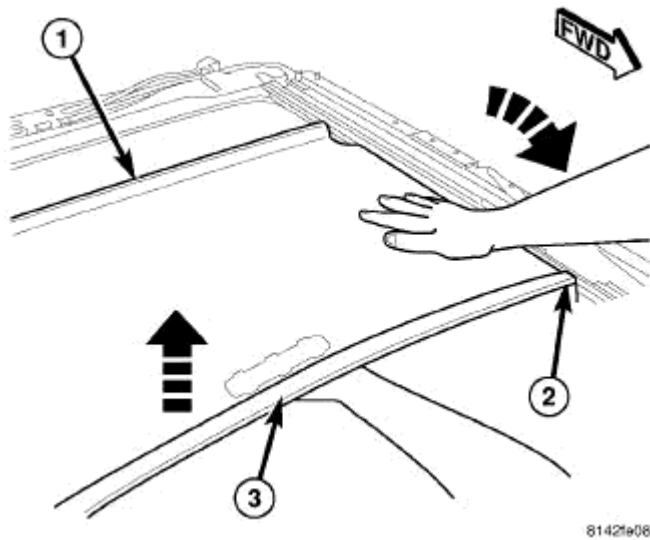


Fig. 259: Inserting maining Two Feet Apply Force To Middle Front Of Sunshade
Courtesy of CHRYSLER LLC

4. To insert the remaining two feet (2) apply force to the middle front of sunshade (3) and guide them into the track.
5. Check that all the feet are in the right track and verify sunshade operation.
6. Install the drain trough. See **Body/Sunroof/TROUGH, Sunroof - Installation**

TROUGH, SUNROOF

Removal

REMOVAL

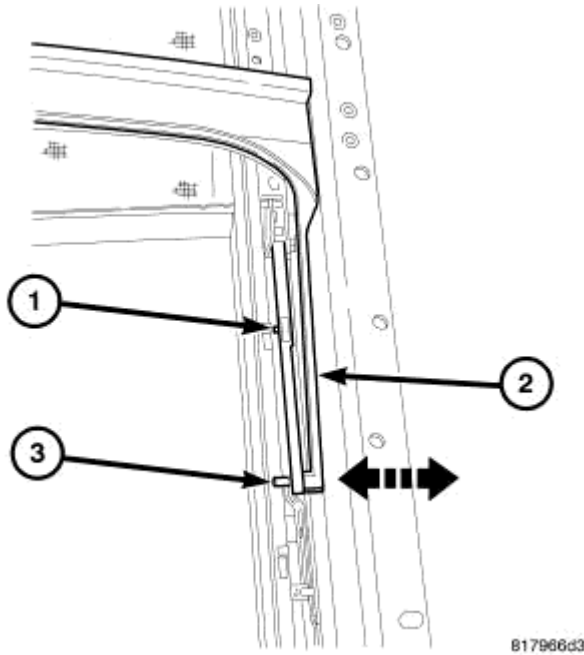


Fig. 260: Trough Pins From Glass Lift Mechanisms
Courtesy of CHRYSLER LLC

1. Remove the glass. See **Body/Sunroof/GLASS, Sunroof - Removal**.
2. Separate the trough pins (3) from the glass lift mechanisms (1).

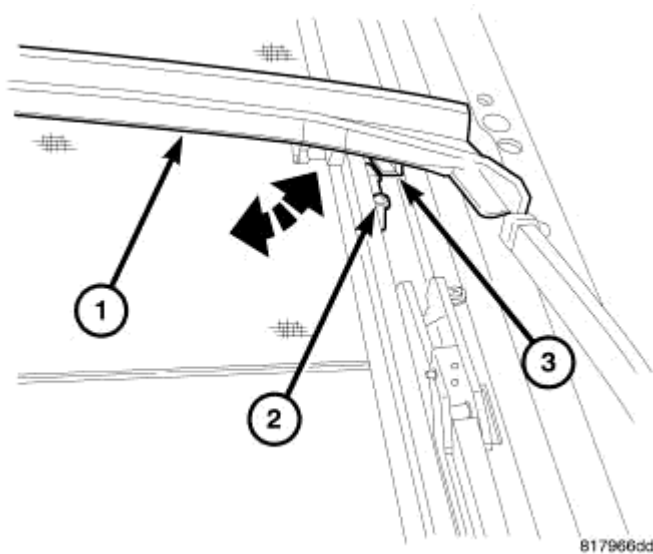
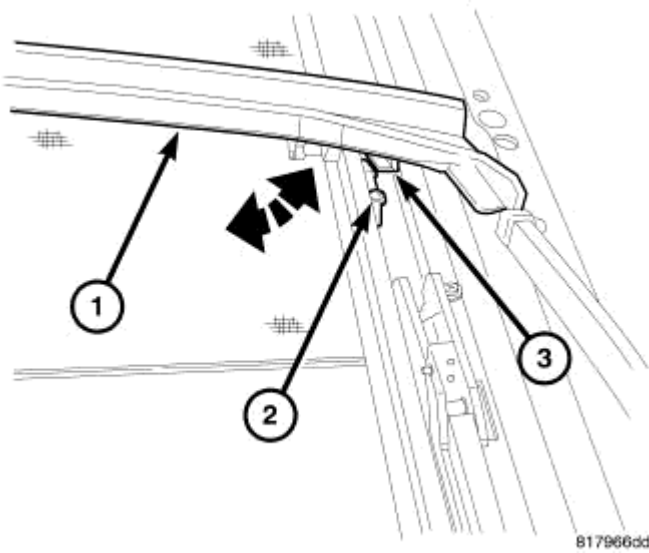


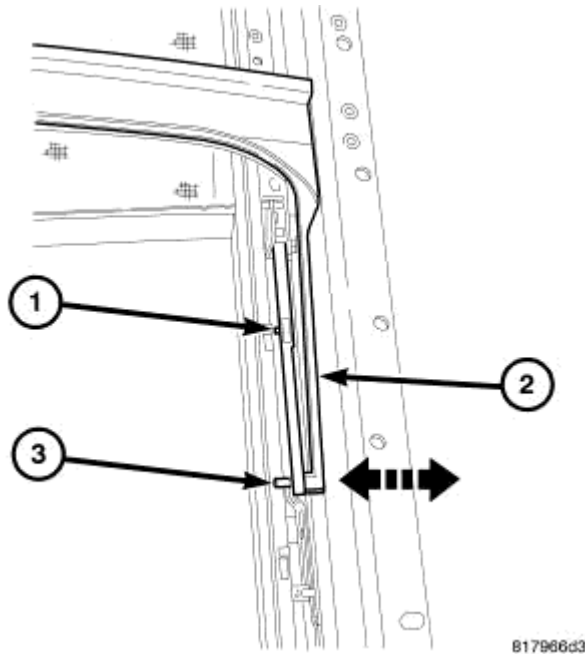
Fig. 261: Guide Shoe Tab
Courtesy of CHRYSLER LLC

3. Slide trough (1) to one side and push down on the center of the trough until the guide shoe tab (3) releases from the track (2).
4. Slide the trough in the opposite direction to release the other shoe and lift the trough out of the sunroof opening.

Installation**INSTALLATION****Fig. 262: Guide Shoe Tab**

Courtesy of CHRYSLER LLC

1. Insert one of the trough guides (3) and guide shoe (2) into the track.
2. Push down on the center of the trough (1) to flatten it out and install the remaining trough guide (3) and guide shoe (2) into the track.

**Fig. 263: Trough Pins From Glass Lift Mechanisms**

Courtesy of CHRYSLER LLC

3. Install the trough guide pins into the glass lift mechanism (3) and seat fully.
4. Install the glass. See **Body/Sunroof/GLASS, Sunroof - Installation.**

TUBE, SUNROOF DRAIN

Removal

REMOVAL

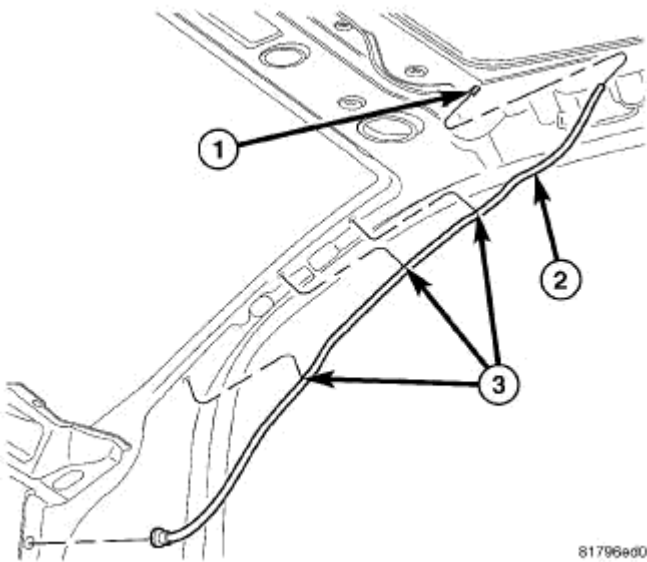


Fig. 264: FRONT HOSE

Courtesy of CHRYSLER LLC

1. Drop down the headliner as necessary to gain access to the drain hoses. See **Body/Interior/HEADLINER - Removal.**
2. Disconnect the front hoses (2) from the sunroof assembly (1).
3. Release the support clips (3) and disconnect the lower grommet and remove the hose.

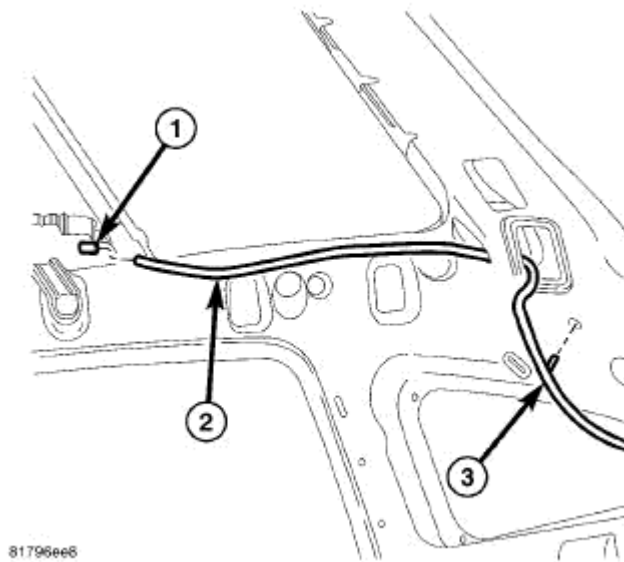


Fig. 265: Drain Tubes From Sunroof Housing
Courtesy of CHRYSLER LLC

4. Disconnect the rear hoses (2) from the sunroof assembly (1) and release the support clips (3).

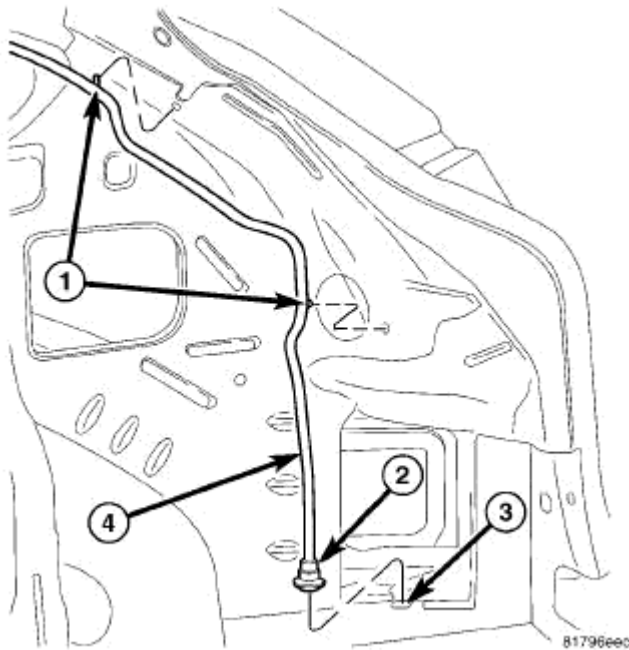


Fig. 266: Support Clips
Courtesy of CHRYSLER LLC

5. Separate the remaining support clips (1).
6. Disconnect the grommet (2) from the body (3) and remove the rear hoses as necessary.

Installation

INSTALLATION

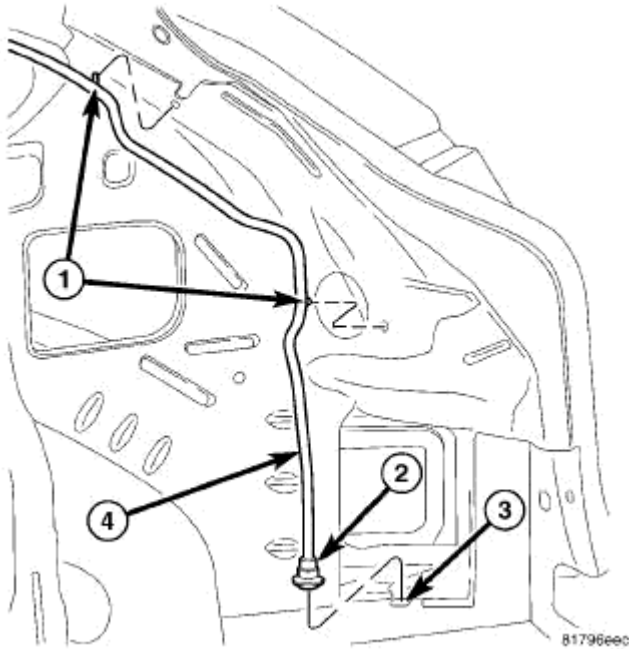


Fig. 267: Support Clips

Courtesy of CHRYSLER LLC

1. Install the rear hoses (4) and connect the grommets (2) to the body (3).
2. Connect the support clips (1).

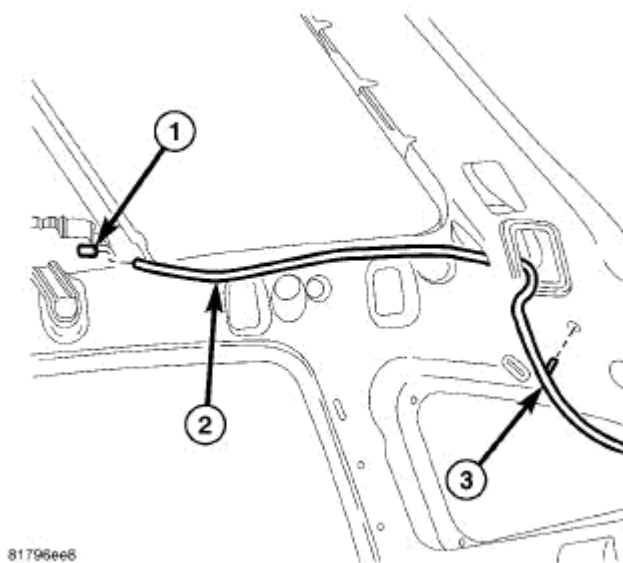


Fig. 268: Drain Tubes From Sunroof Housing

Courtesy of CHRYSLER LLC

- 3. Route the hose as required and connect the remaining support clips (3).
- 4. Connect the hoses (2) to the sunroof assembly (1).

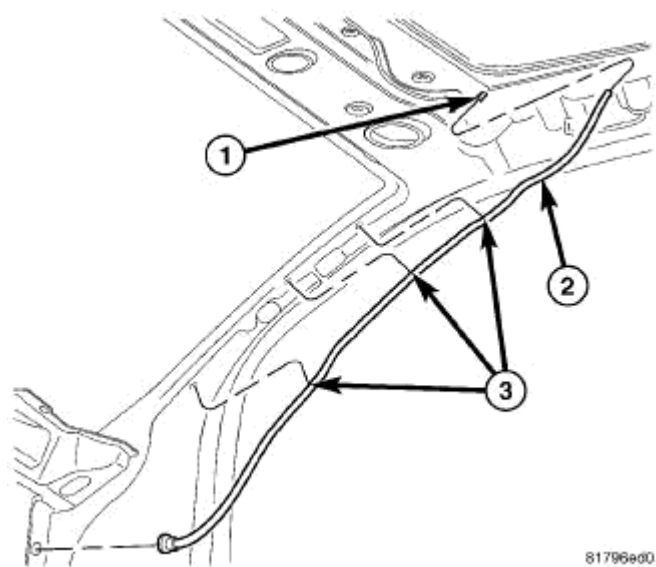


Fig. 269: FRONT HOSE
Courtesy of CHRYSLER LLC

- 5. Connect the front hose lower grommet to the body.
- 6. Connect the front hose (2) to the sunroof assembly (1) and connect the support clips (3).

BODY STRUCTURE

GAP AND FLUSH

Specifications

GAP AND FLUSH

INDEX

DESCRIPTION	FIGURE
BODY GAP AND FLUSH	<u>Fig. 270</u>

2009 Dodge Journey R/T

2009 ACCESSORIES AND EQUIPMENT Body - Journey

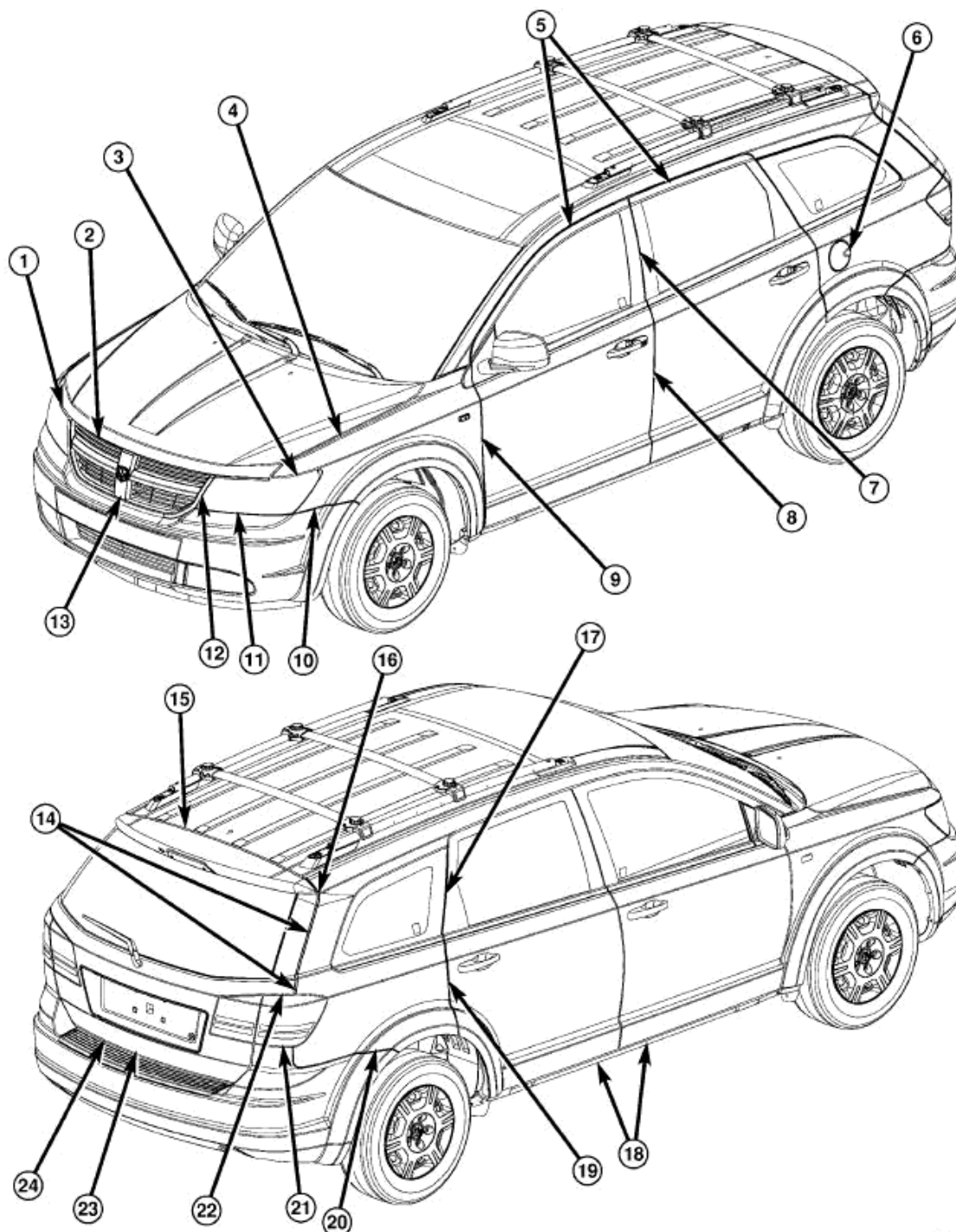


Fig. 270: GAP & FLUSH
Courtesy of CHRYSLER LLC

NOTE: All dimensions are in millimeters.

- O/F = Over Flush

2009 Dodge Journey R/T

2009 ACCESSORIES AND EQUIPMENT Body - Journey

- **U/F = Under Flush**
- **U/D = Up/Down**
- **F/A = Fore/Aft**

DIMENSION	DESCRIPTION	GAP	FLUSH
1	Headlamp to Hood	8.0 +/- 2.0 Parallel within 1.5	Headlamp U/F 2.5@Y= +/- 525 Headlamp U/F 3.5@Y= +/- 675 Consistent within 2.0
2	Hood to Grille	8.0 +/- 2.0	Grille U/F 1.8 +/- 2.0
3	Headlamp to Fender	2.0 +/- 1.5 Parallel within 2.0	Top: Headlamp U/F 2.0 @ Y = +/- 725 2.5 @ Y = +/- 575 Side: Headlamp U/F 1.0 +/- 2.0 Consistent within 2.0
4	Fender to Hood	4.0 +/- 1.5 Parallel within 1.5 Symmetrical within 1.5 LH to RH 4.5 @ 10mm From Rear	Fender O/F 1.0 +/- 1.5 Consistent within 1.5
5	Front AND Rear Door Header to Body Side Aperture	4.0 +/- 1.5 Parallel within 1.5	Door U/F -1.6 +/- 1.5 Consistent within 1.5
6	Fuel Filler Door to Body Side Aperture	3.2 +/- 1.0 Parallel within 1.0	Door U/F 0.5 +/- 1.0 Consistent within 1.0
7	Front Door to Rear Door (Above Belt)	4.0 +/- 1.5 Parallel within 1.5	0.0 +/- 1.5 Consistent within 1.5
8	Front Door to Rear Door (Below Belt)	4.0 +/- 1.5 Parallel within 1.5	Front Door O/F 1.0 +/- 1.5 Consistent within 1.0
9	Fender to Front Door	4.25 +/- 1.5 Parallel within 1.0	Fender O/F 1.0 +/- 1.5 Consistent within 1.5
10	Fascia to Fender	Net to 1.0	Fascia U/F 1.0 +/- 1.0 Consistent within 1.5
11	Headlamp to Fascia	2.0 +/- 2.0 Parallel within 2.0	-
12	Headlamp to Grille	2.0 +/- 2.0 Parallel within 2.0	0.0 +/- 2.0 Consistent within 2.0
13	Grille to Fascia	2.0 +/- 2.0 Parallel within 2.0	-
			Lift Gate (Above Belt) U/F 2.0

2009 Dodge Journey R/T

2009 ACCESSORIES AND EQUIPMENT Body - Journey

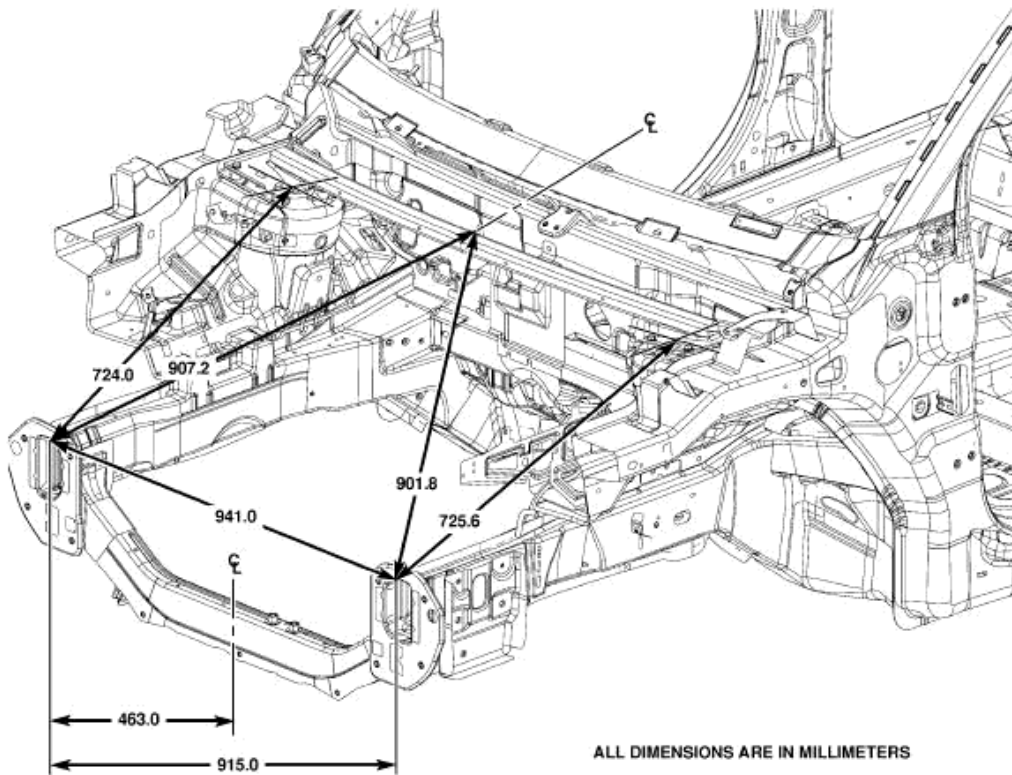
14	Body Side Aperture to Lift Gate	5.0 +/- 1.5 Parallel within 1.5	Lift Gate (Below Belt U/F 1.0 +/- 1.5 Consistent within 1.5
15	Lift Gate to Roof	6.2 +/- 1.5 Parallel within 1.5	Lift Gate U/F 2.0 +/- 1.5 Consistent within 1.5
16	Lift Gate to Body Side Aperture	6.2 +/- 1.5 Parallel within 1.5	Lift Gate U/F 2.0 +/- 1.5 Consistent within 1.5
17	Quarter Glass to Rear Door	4.0 +/- 2.0 Parallel within 2.0	Glass U/F 2.0 @ Z = 1150 Glass U/F 1.5 @ Z = 900 +/- 2.0 Consistent within 2.0
18	Front AND Rear Door to Body Side Aperture Sill	6.0 +/- 2.5 Parallel within 2.0	-
19	Rear Door to Body Side Aperture	4.0 +/- 1.5 Parallel within 1.5	Rear Door O/F 1.0 +/- 1.5 Consistent within 1.5
20	Fascia to Body Side Aperture	Net to 1.0	Fascia U/F 1.0 +/- 1.0 Consistent within 1.5
21	Body Side Aperture Tail Lamp to Fascia	2.0 +/- 2.0 Parallel within 2.0	Tail Lamp U/F 0.0 to 1.5 +/- 2.0 Consistent within 2.0
22	Body Side Aperture Tail Lamp to Lift Gate	3.7 +/- 2.0 Parallel within 1.0	Lift Gate O/F 1.0 +/- 2.0 Consistent within 1.0
23	Lift Gate to Fascia	U/D 8.0 +/- 2.0 Parallel within 2.0	-
24	Lift Gate to Fascia	Cross/Car 4.2 +/- 1.5 Parallel within 2.0	Liftgate U/F 1.0 +/- 1.5 Consistent within 2.0

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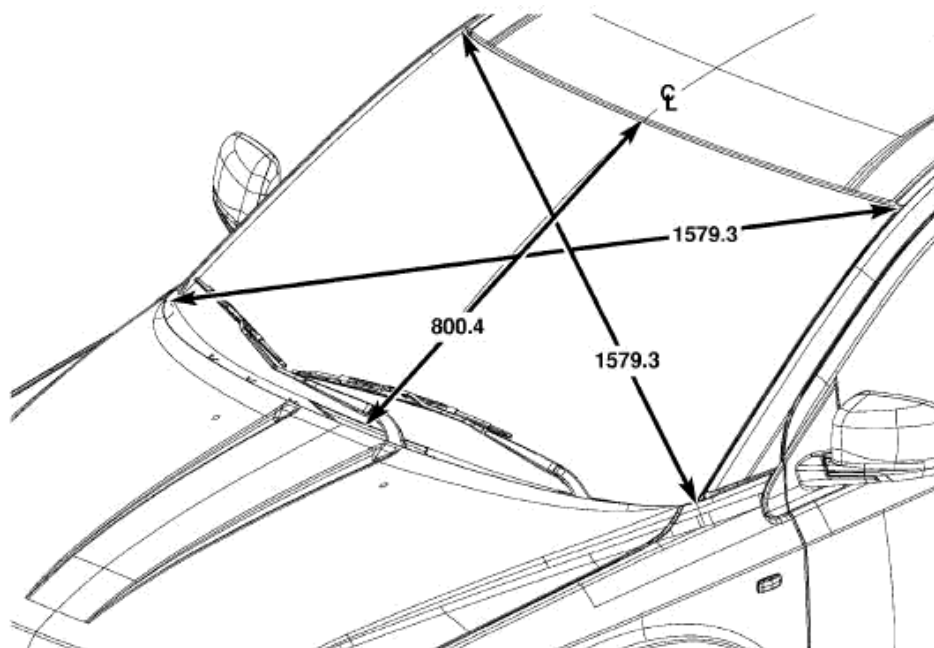
LIFTGATE WINDOW

Fig. 277



81efw91

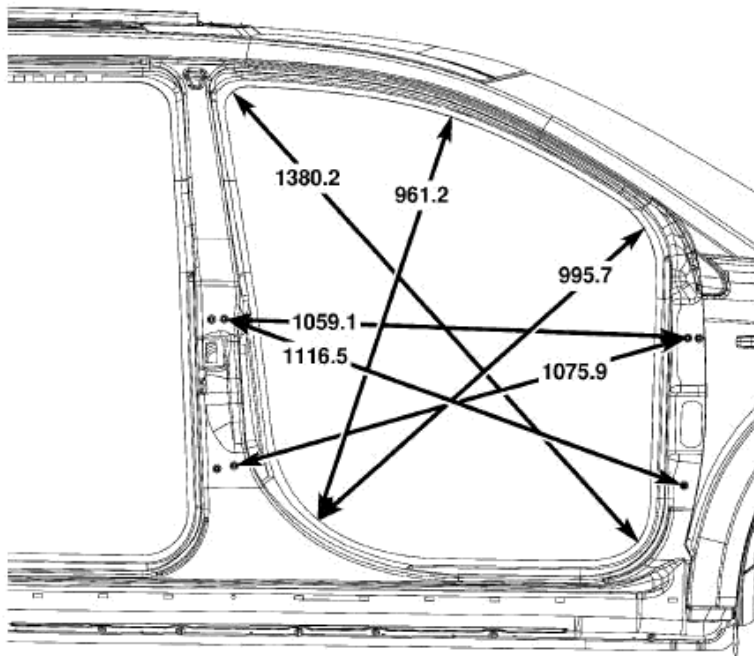
Fig. 271: ENGINE BOX
Courtesy of CHRYSLER LLC



81afw91

Fig. 272: WINDSHIELD

Courtesy of CHRYSLER LLC

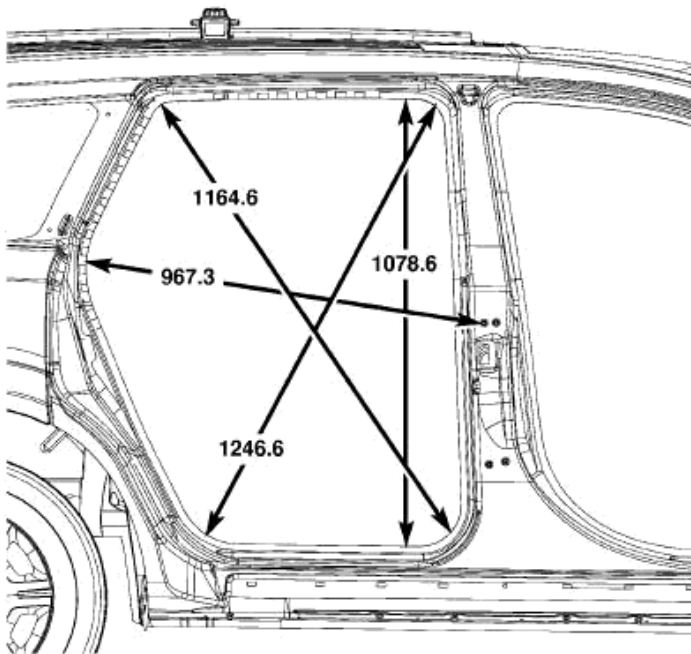


ALL DIMENSIONS ARE IN MILLIMETERS

81offe9c

Fig. 273: FRONT DOOR

Courtesy of CHRYSLER LLC

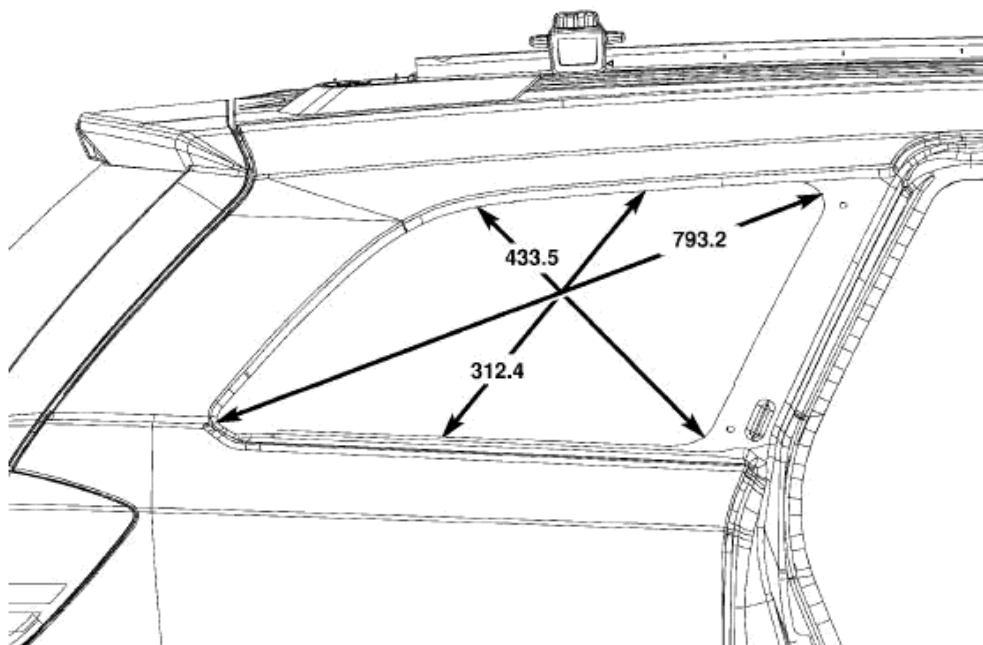


ALL DIMENSIONS ARE IN MILLIMETERS

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Fig. 274: REAR DOOR

Courtesy of CHRYSLER LLC

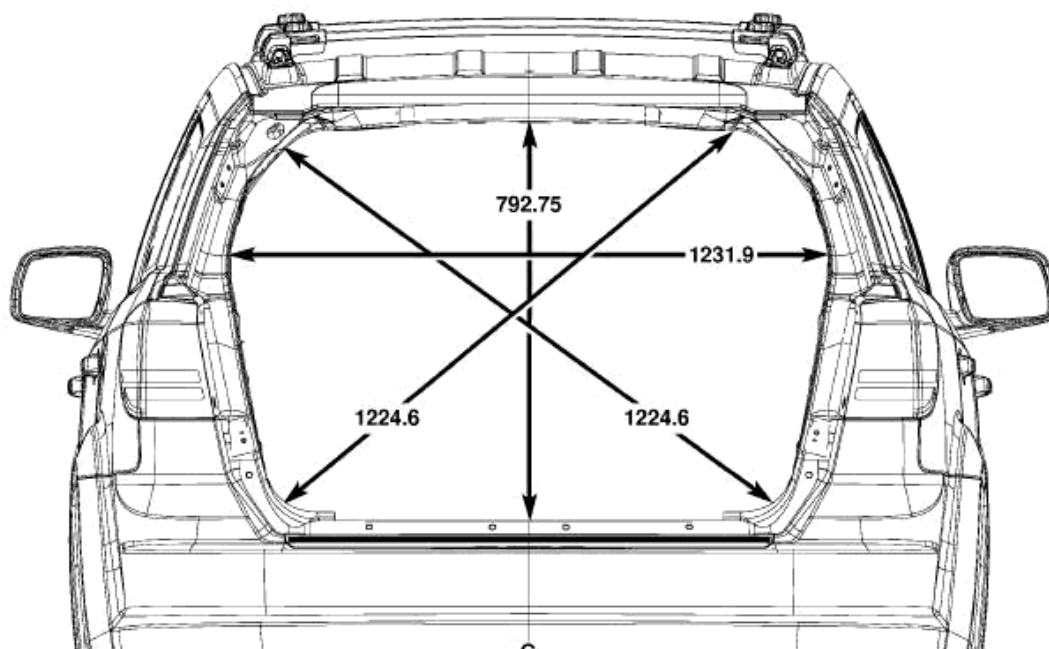


ALL DIMENSIONS ARE IN MILLIMETERS

81 offea5

Fig. 275: REAR QUARTER WINDOW

Courtesy of CHRYSLER LLC

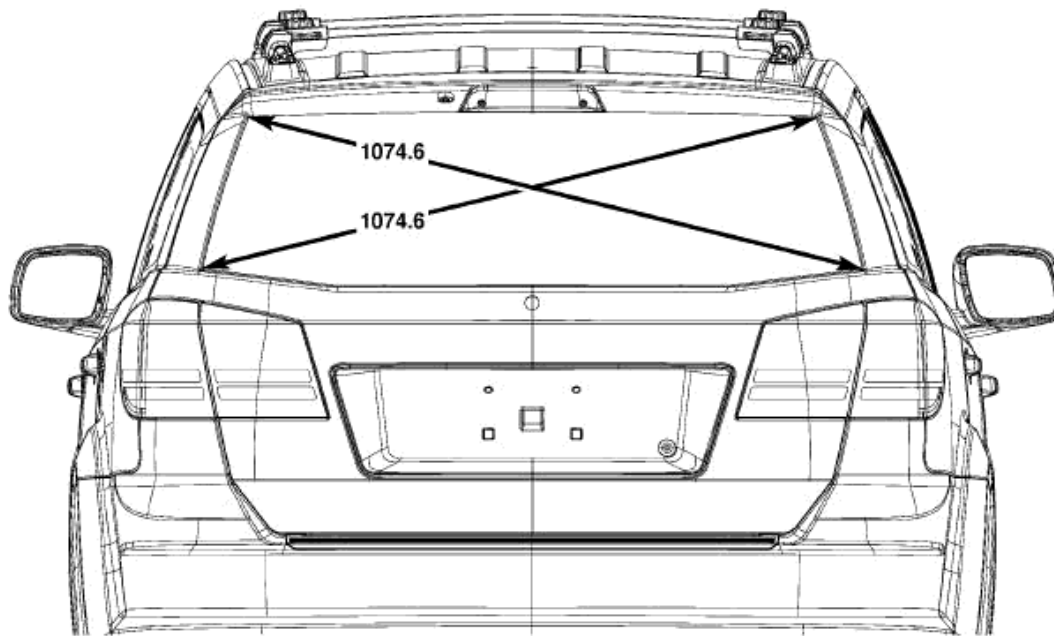


ALL DIMENSIONS ARE IN MILLIMETERS

81 offea9

Fig. 276: LIFTGATE

Courtesy of CHRYSLER LLC



ALL DIMENSIONS ARE IN MILLIMETERS

B1 effeod

Fig. 277: LIFTGATE WINDOW
 Courtesy of CHRYSLER LLC

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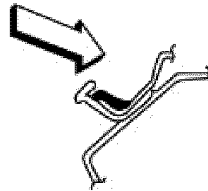
2009 Dodge Journey R/T

2009 ACCESSORIES AND EQUIPMENT Body - Journey

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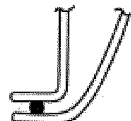
HOLD GUN NOZZLE IN DIRECTION OF ARROW IN ORDER TO EFFECTIVELY SEAL METAL JOINTS.



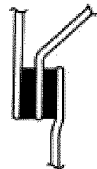
DO NOT HOLD GUN NOZZLE IN DIRECTION OF ARROW. SEALER APPLIED AS SHOWN IS INEFFECTIVE.



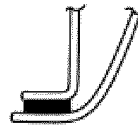
3 METAL THICKNESS



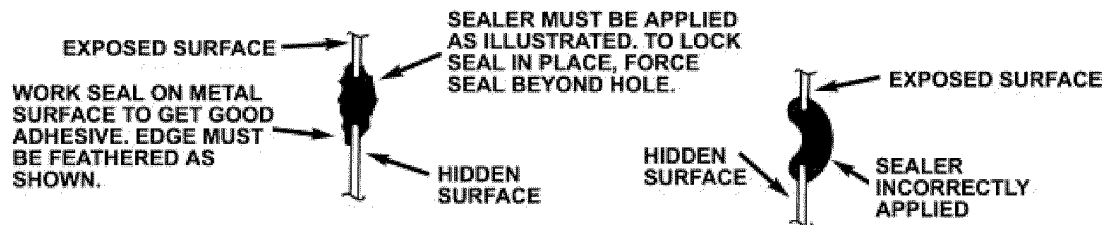
2 METAL THICKNESS



3 METAL THICKNESS



2 METAL THICKNESS



SYMBOLS



SEALANT

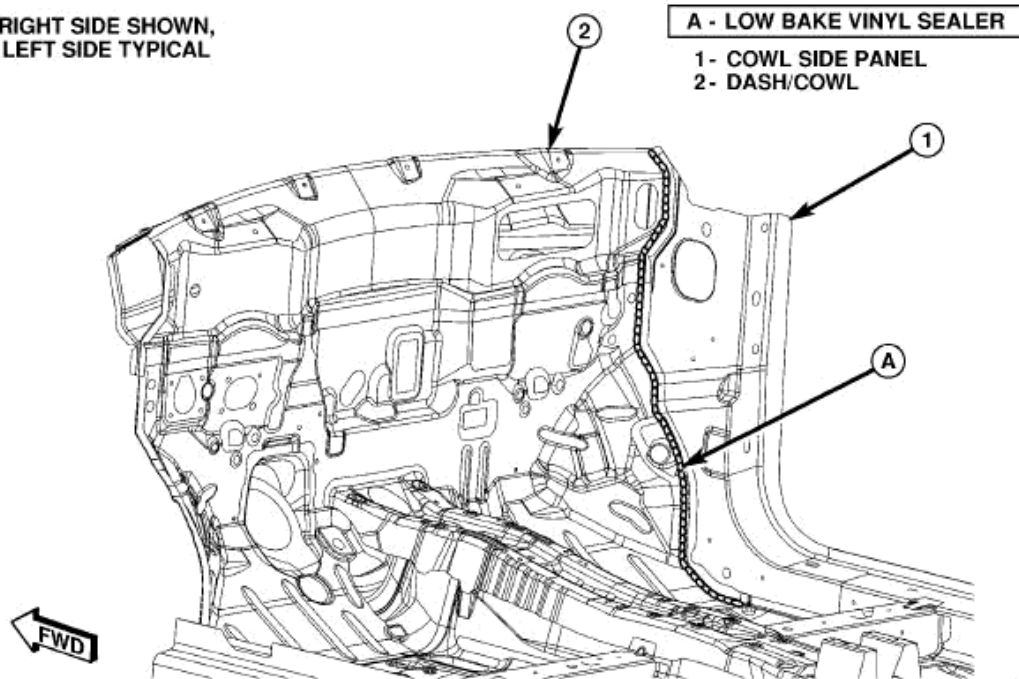


HIDDEN SEALANT

8005126

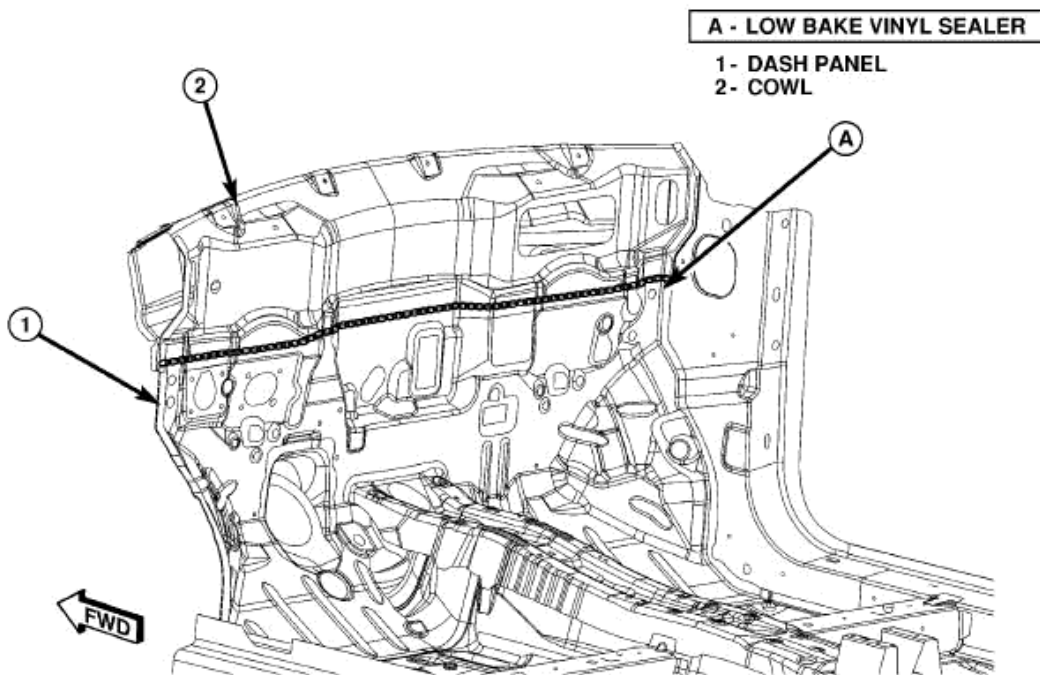
Fig. 278: APPLICATION METHODS
Courtesy of CHRYSLER LLC

RIGHT SIDE SHOWN,
LEFT SIDE TYPICAL



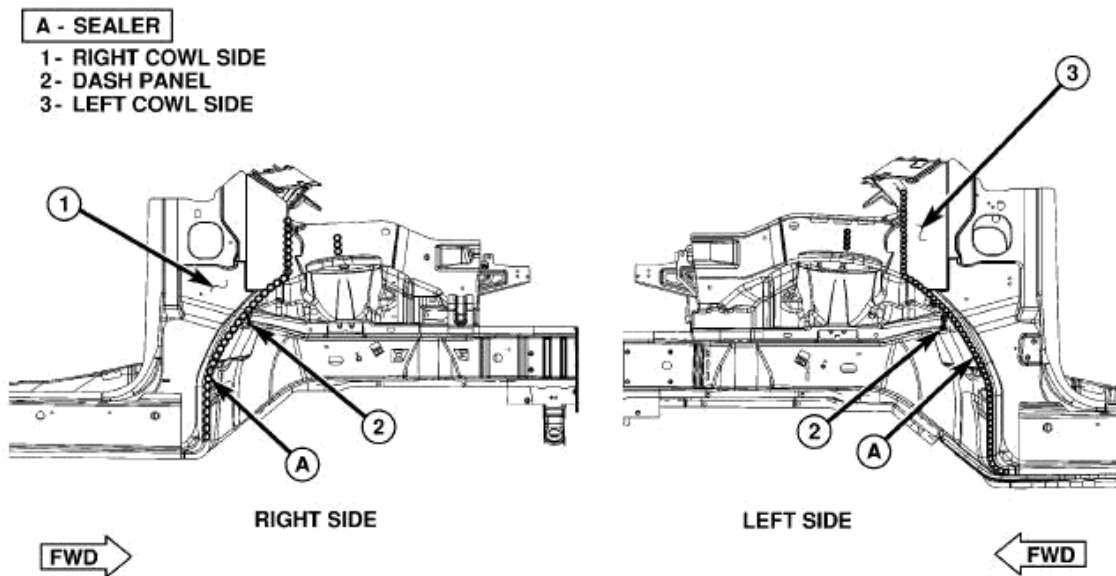
81dfcc98

Fig. 279: COWL SIDE TO DASH PANEL
Courtesy of CHRYSLER LLC



81dfcc94

Fig. 280: DASH TO COWL
Courtesy of CHRYSLER LLC



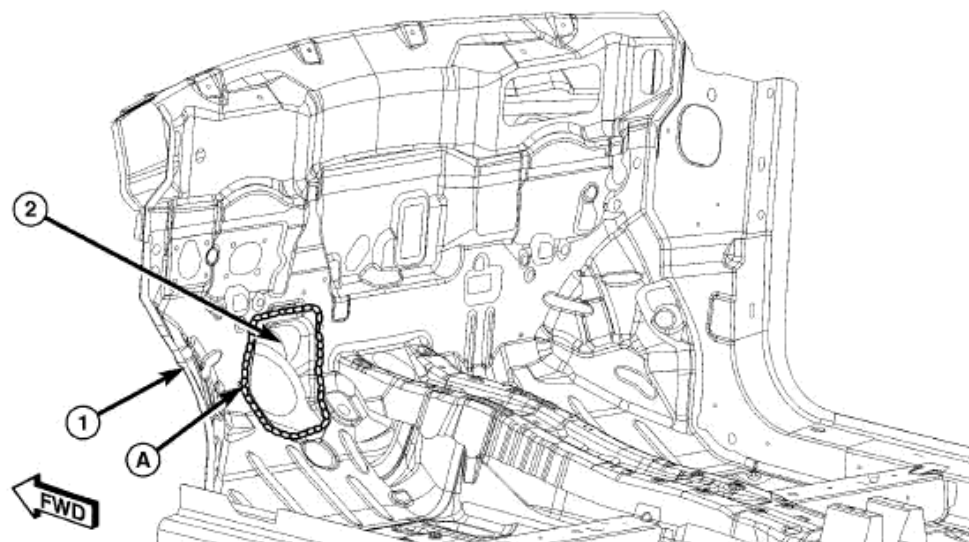
81effca8

Fig. 281: COWL SIDE TO DASH PANEL
Courtesy of CHRYSLER LLC

DO NOT APPLY SEALER
ON STUDS AND HOLES

A - LOW BAKE VINYL SEALER

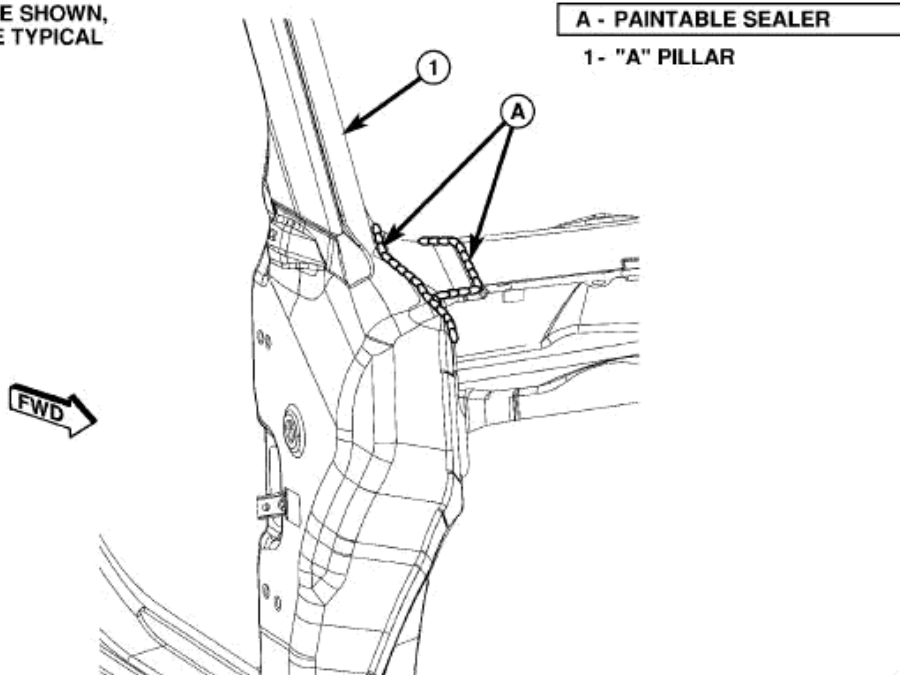
1- DASH
2- COWL STEERING BRACKET



81effca7

Fig. 282: DASH TO COWL STEERING BRACKET
Courtesy of CHRYSLER LLC

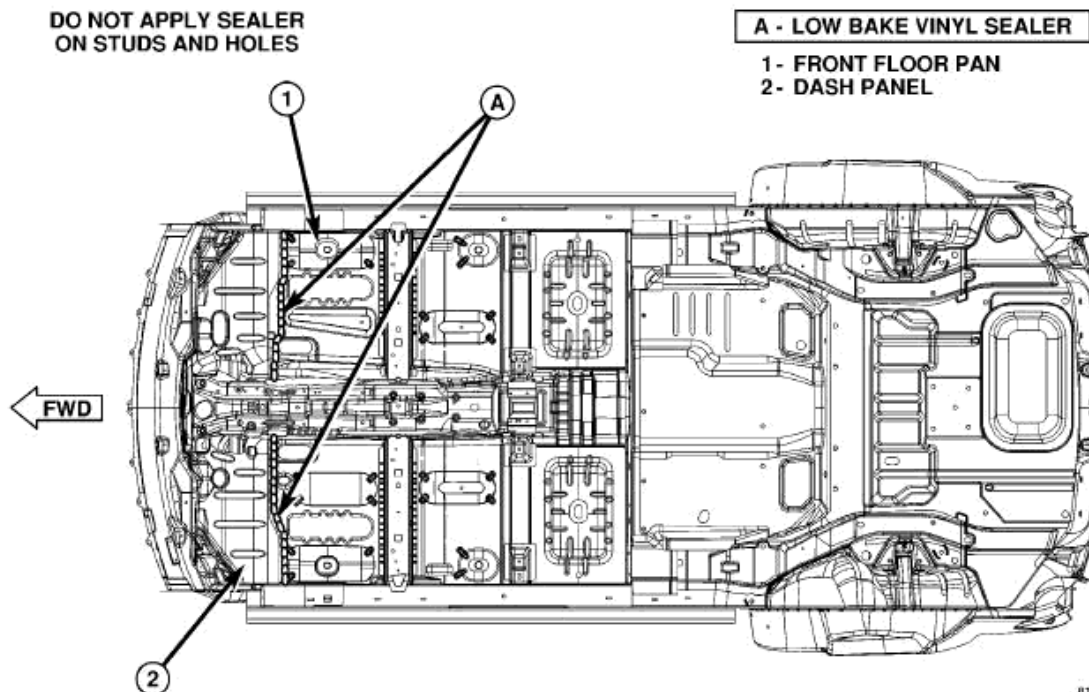
RIGHT SIDE SHOWN,
LEFT SIDE TYPICAL



81effc0b

Fig. 283: A-PILLAR
Courtesy of CHRYSLER LLC

DO NOT APPLY SEALER
ON STUDS AND HOLES



81effc0c

Fig. 284: FRONT FLOOR PAN TO DASH
Courtesy of CHRYSLER LLC

2009 Dodge Journey R/T

2009 ACCESSORIES AND EQUIPMENT Body - Journey

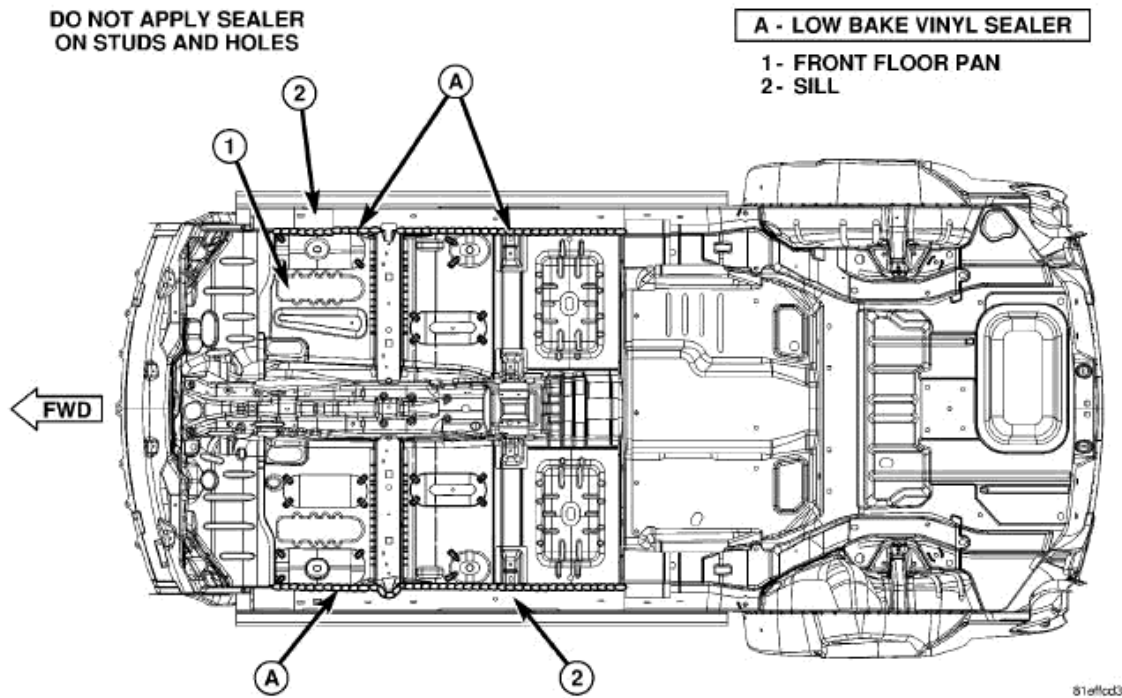


Fig. 285: FRONT FLOOR PAN TO SILL
Courtesy of CHRYSLER LLC

RIGHT SIDE SHOWN,
LEFT SIDE TYPICAL

A - LOW BAKE VINYL SEALER
1 - INNER SILL

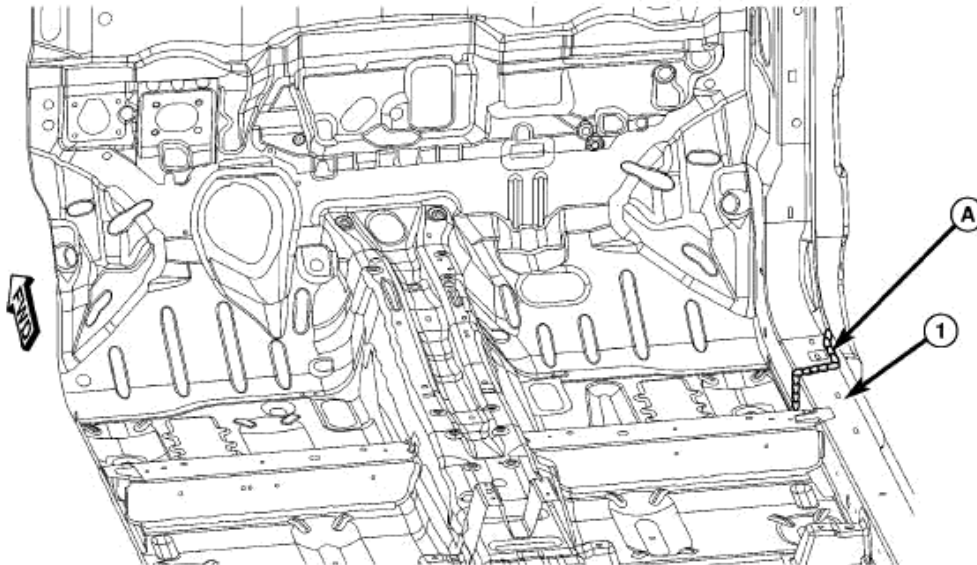
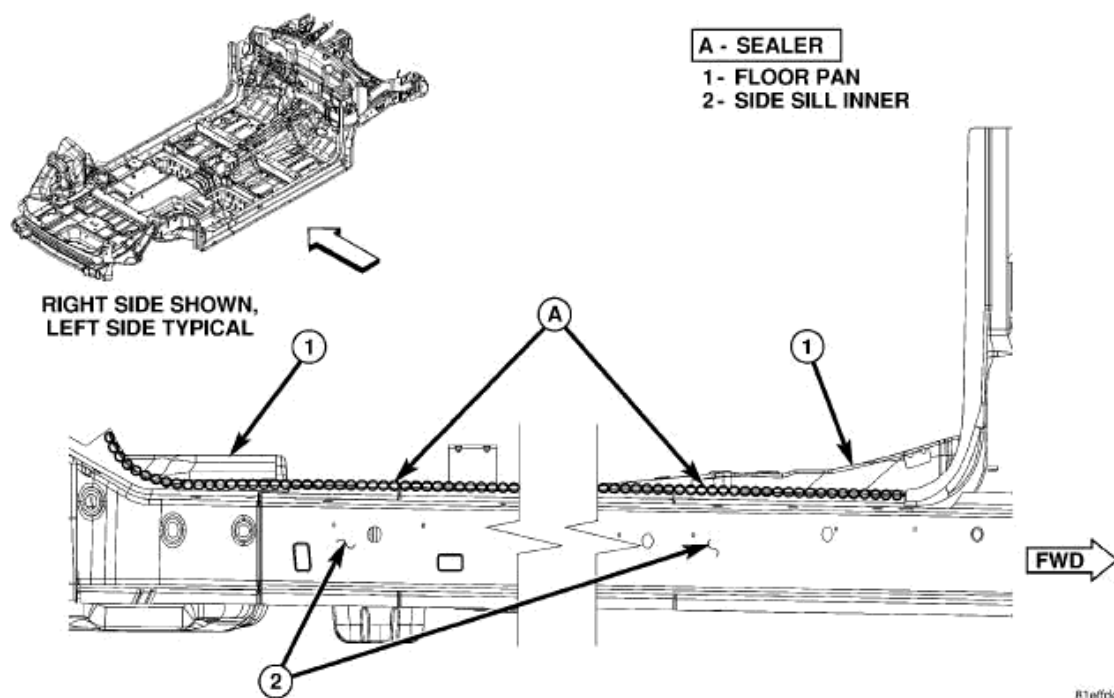
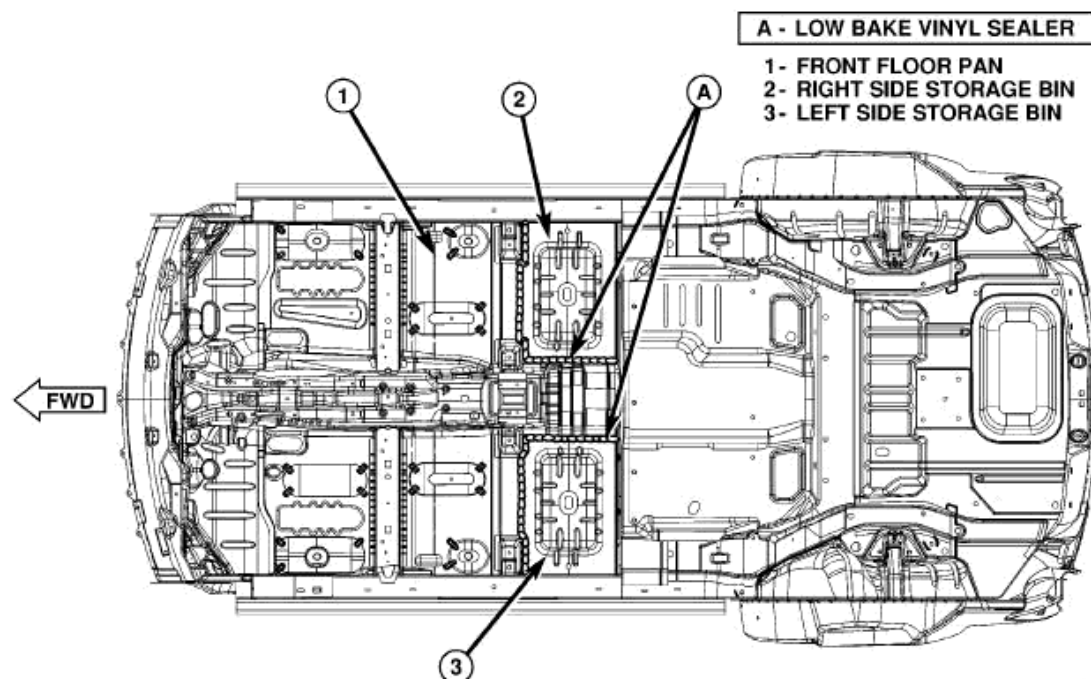


Fig. 286: INNER SILL
Courtesy of CHRYSLER LLC



B1 effd44

Fig. 287: SIDE SILL TO FLOOR PAN
Courtesy of CHRYSLER LLC



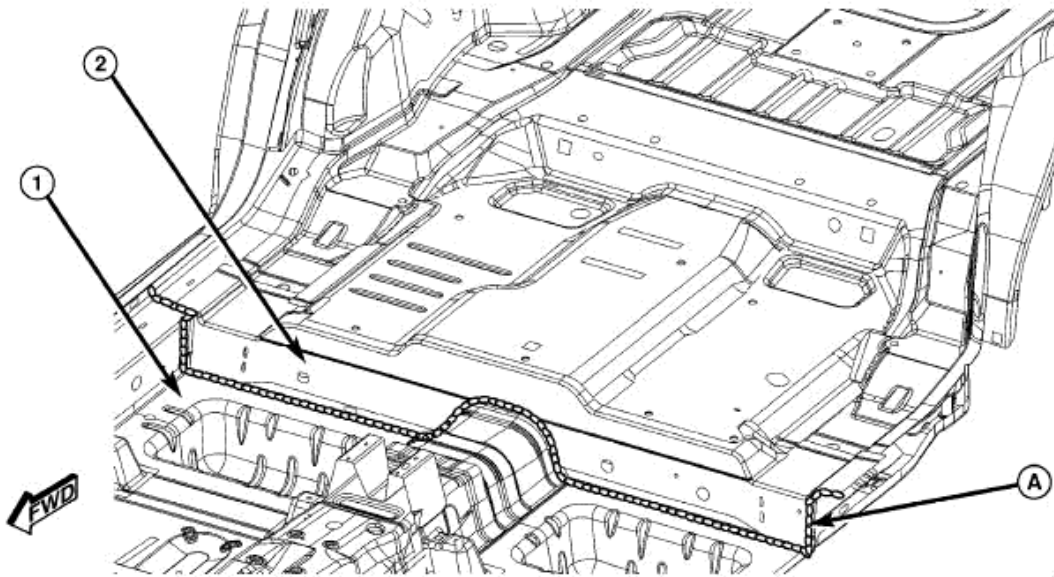
B1 effd4b

Fig. 288: FRONT FLOOR TO STORAGE BINS
Courtesy of CHRYSLER LLC

DO NOT APPLY SEALER
ON STUDS AND HOLES

A - LOW BAKE VINYL SEALER

- 1 - FRONT FLOOR PAN
- 2 - REAR CROSSMEMBER



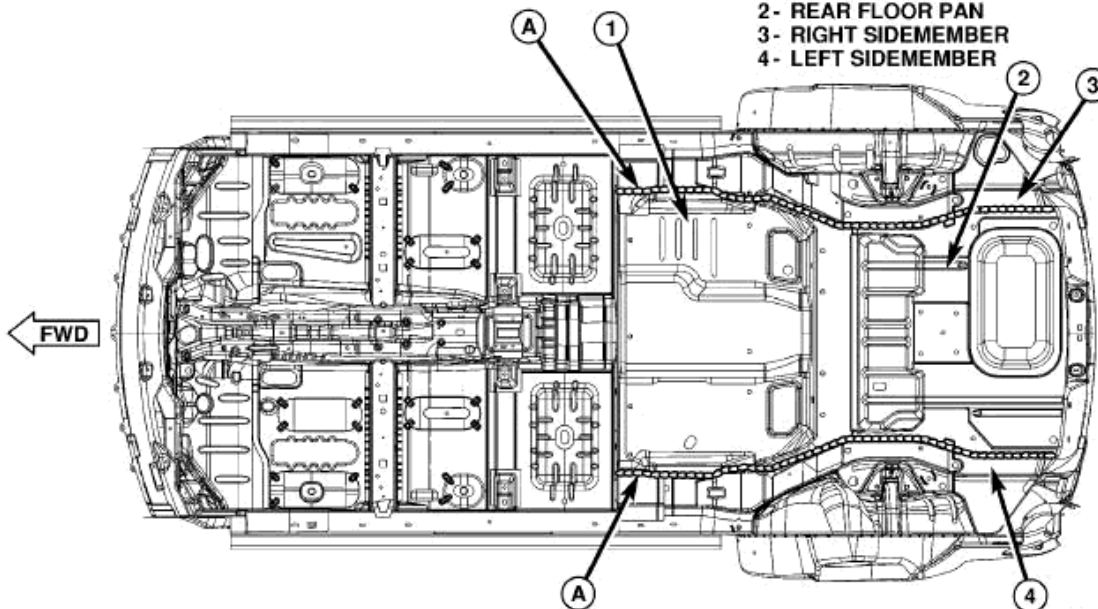
81efid4f

Fig. 289: FRONT FLOOR PAN TO REAR CROSSMEMBER
Courtesy of CHRYSLER LLC

DO NOT APPLY SEALER
ON STUDS AND HOLES

A - LOW BAKE VINYL SEALER

- 1 - MID FLOOR PAN
- 2 - REAR FLOOR PAN
- 3 - RIGHT SIDEMEMBER
- 4 - LEFT SIDEMEMBER



81efid6f

Fig. 290: MID FLOOR/REAR FLOOR PAN TO SIDEMEMBER
Courtesy of CHRYSLER LLC

2009 Dodge Journey R/T

2009 ACCESSORIES AND EQUIPMENT Body - Journey

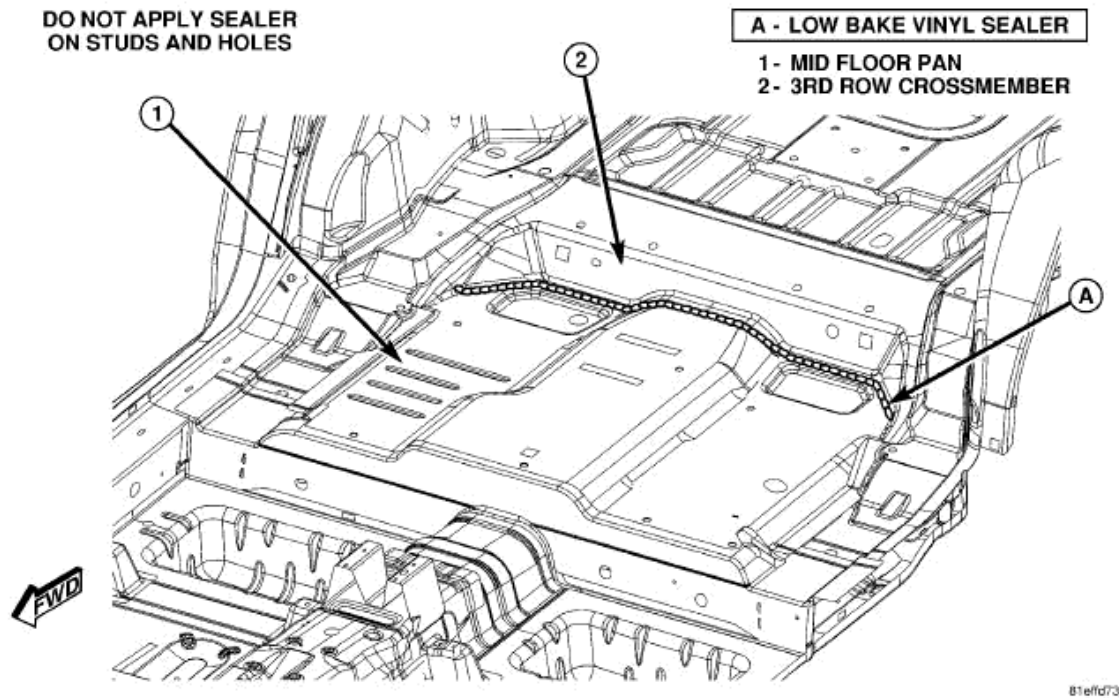


Fig. 291: MID FLOOR PAN TO 3RD ROW CROSSMEMBER
Courtesy of CHRYSLER LLC

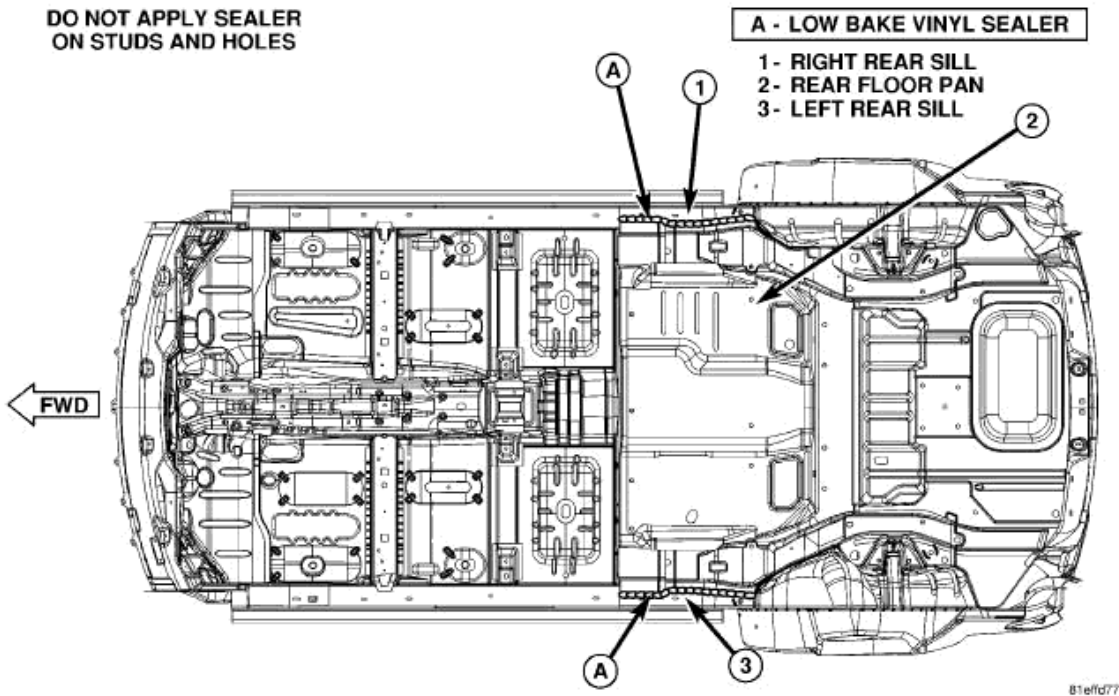
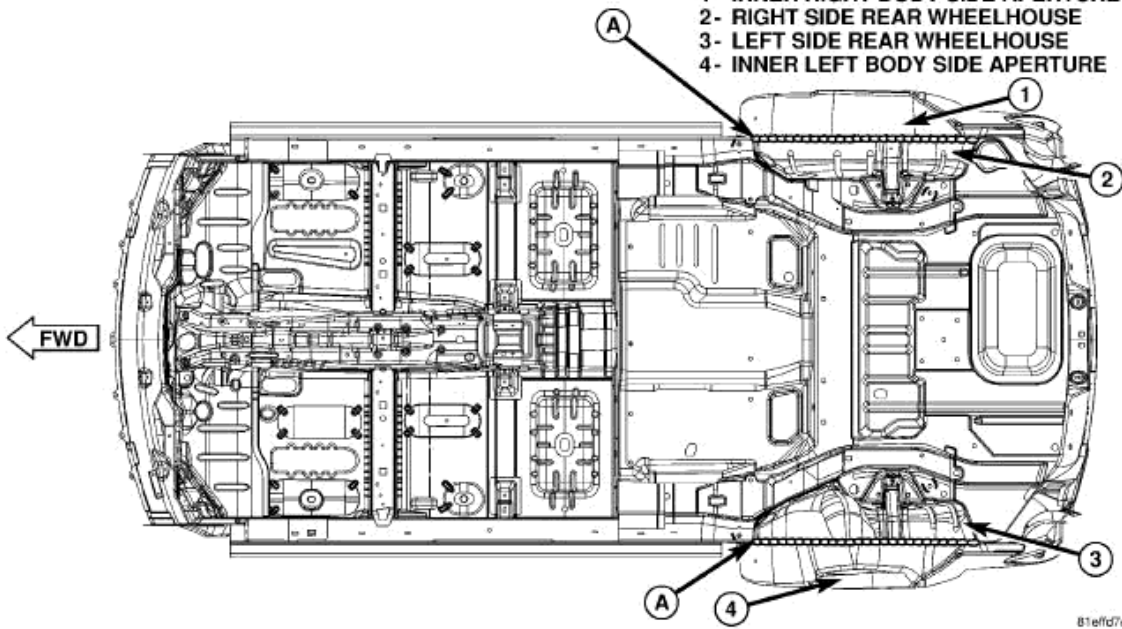


Fig. 292: REAR SILL TO REAR FLOOR PAN
Courtesy of CHRYSLER LLC

DO NOT APPLY SEALER
ON STUDS AND HOLES

A - LOW BAKE VINYL SEALER

- 1- INNER RIGHT BODY SIDE APERTURE
- 2- RIGHT SIDE REAR WHEELHOUSE
- 3- LEFT SIDE REAR WHEELHOUSE
- 4- INNER LEFT BODY SIDE APERTURE

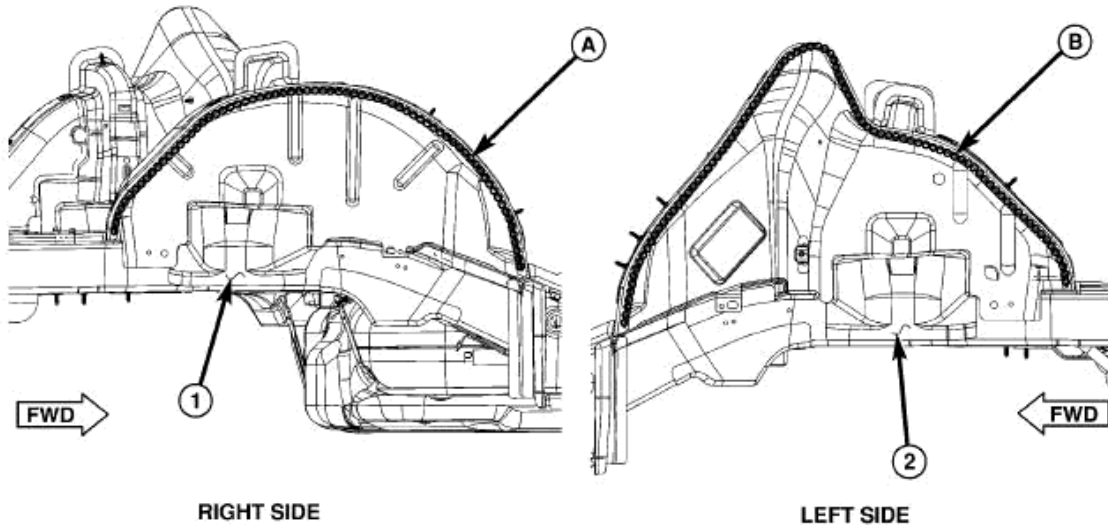


81effd7a

Fig. 293: REAR WHEEL HOUSE TO BODY SIDE APERTURE INNER
Courtesy of CHRYSLER LLC

A - SEALER

- 1- RIGHT REAR WHEELHOUSE
- 2- LEFT REAR WHEELHOUSE



81effd91

Fig. 294: INNER WHEELHOUSE TO INNER BODY SIDE APERTURE
Courtesy of CHRYSLER LLC

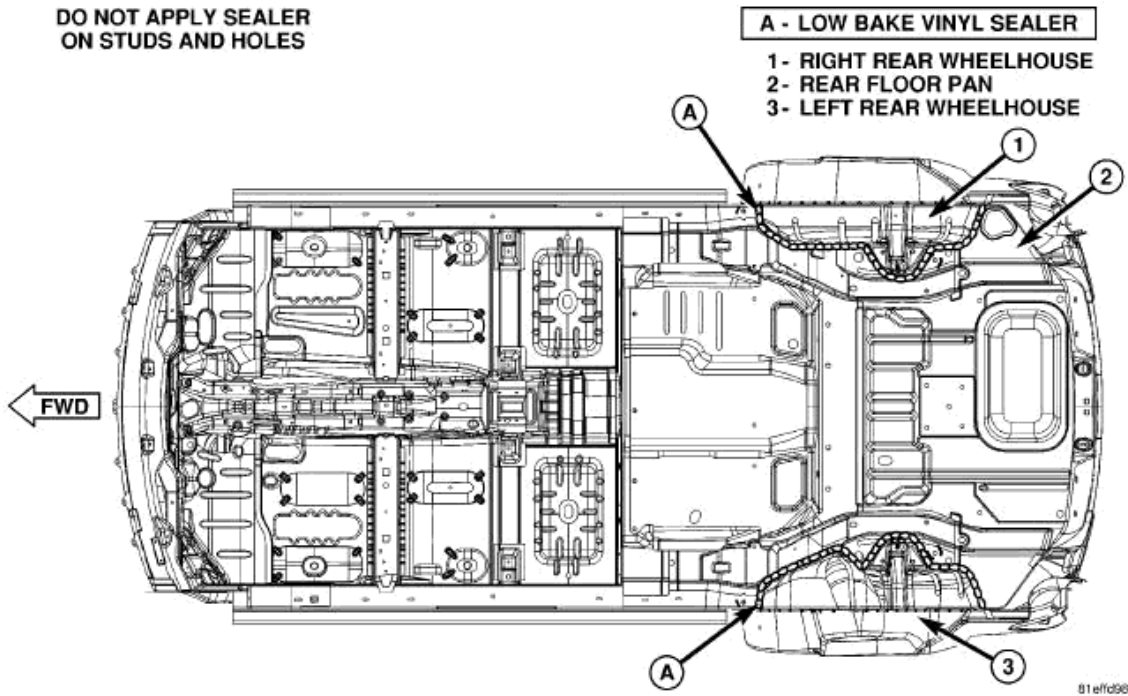


Fig. 295: REAR WHEELHOUSE TO REAR FLOOR PAN
Courtesy of CHRYSLER LLC

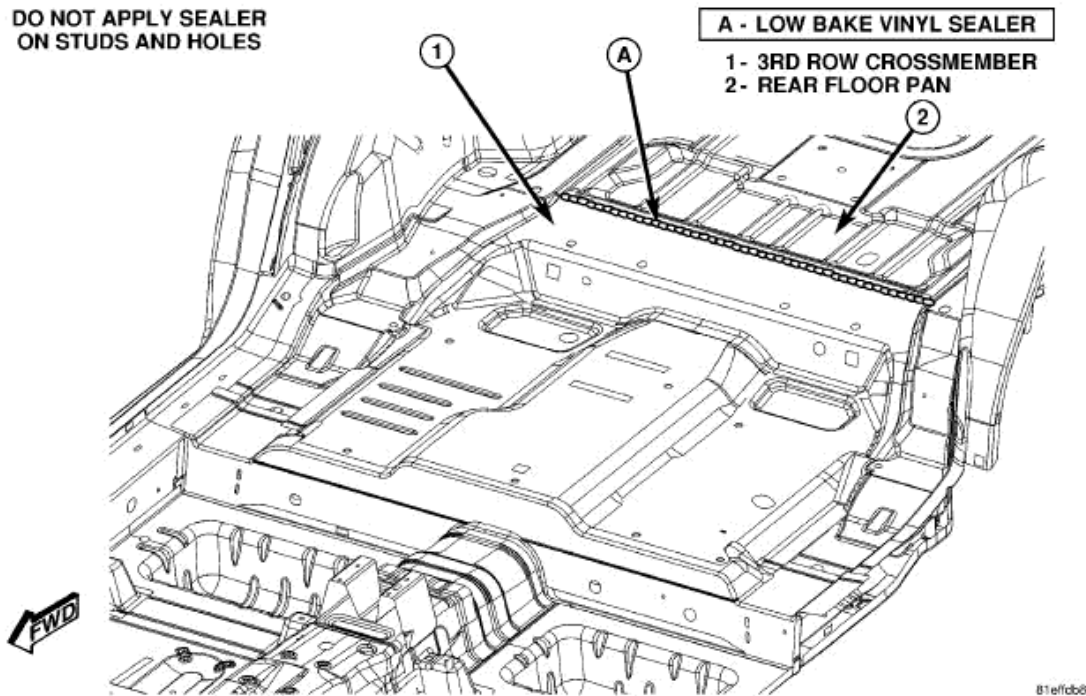


Fig. 296: 3RD ROW CROSSMEMBER TO REAR FLOOR PAN
Courtesy of CHRYSLER LLC

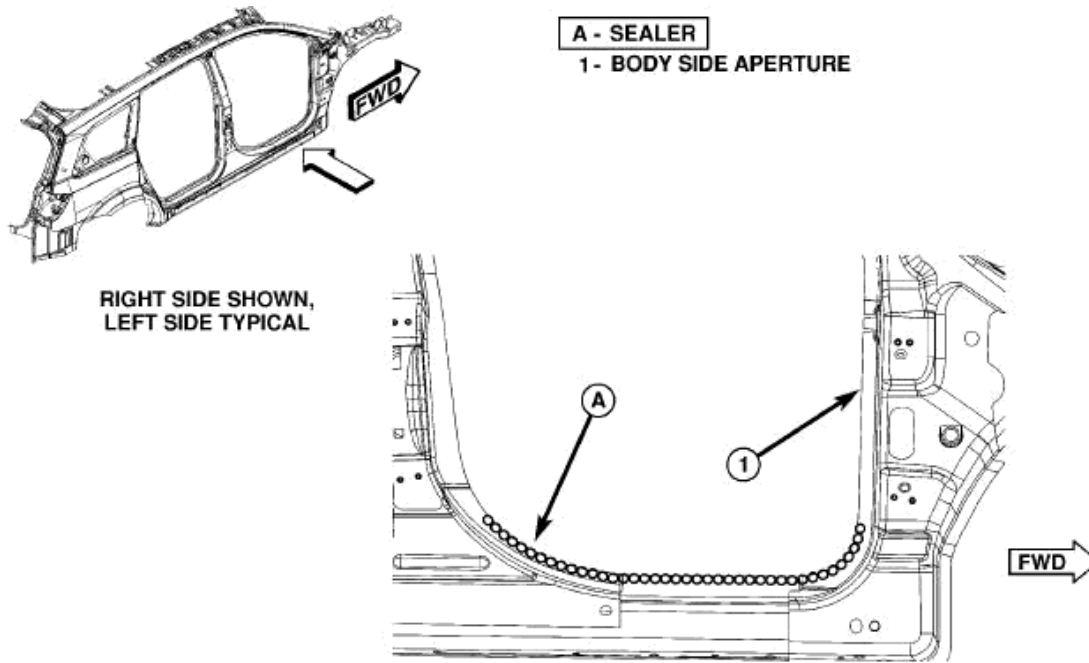


Fig. 297: BODY SIDE APERTURE - LOWER FRONT DOOR OPENING
Courtesy of CHRYSLER LLC

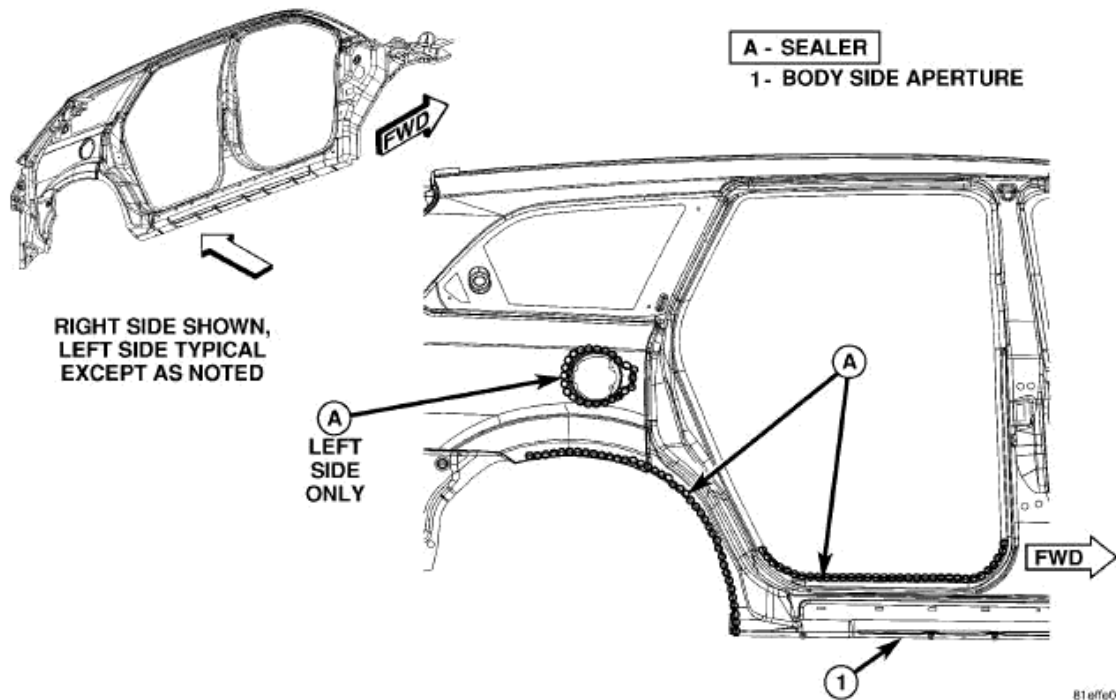


Fig. 298: BODY SIDE APERTURE - REAR
Courtesy of CHRYSLER LLC

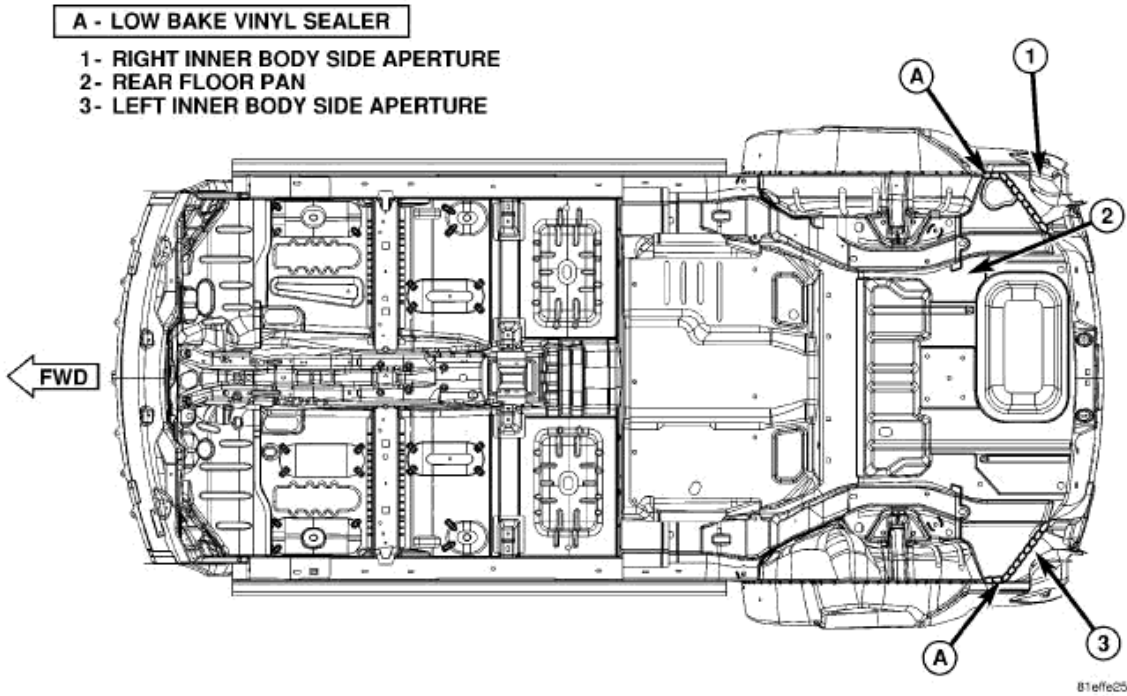


Fig. 299: REAR FLOOR PAN TO BODY SIDE APERTURE INNER
Courtesy of CHRYSLER LLC

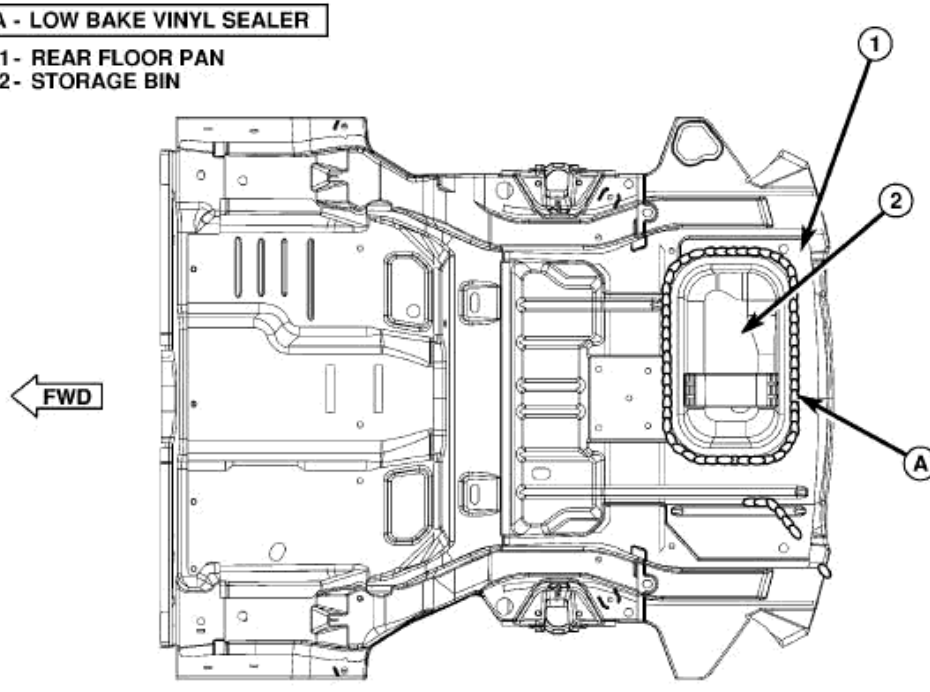


Fig. 300: STORAGE BIN REAR FLOOR
Courtesy of CHRYSLER LLC

2009 Dodge Journey R/T

2009 ACCESSORIES AND EQUIPMENT Body - Journey

DO NOT APPLY SEALER
ON STUDS AND HOLES

A - LOW BAKE VINYL SEALER

- 1 - UPPER CROSSMEMBER
- 2 - REAR FLOOR PAN

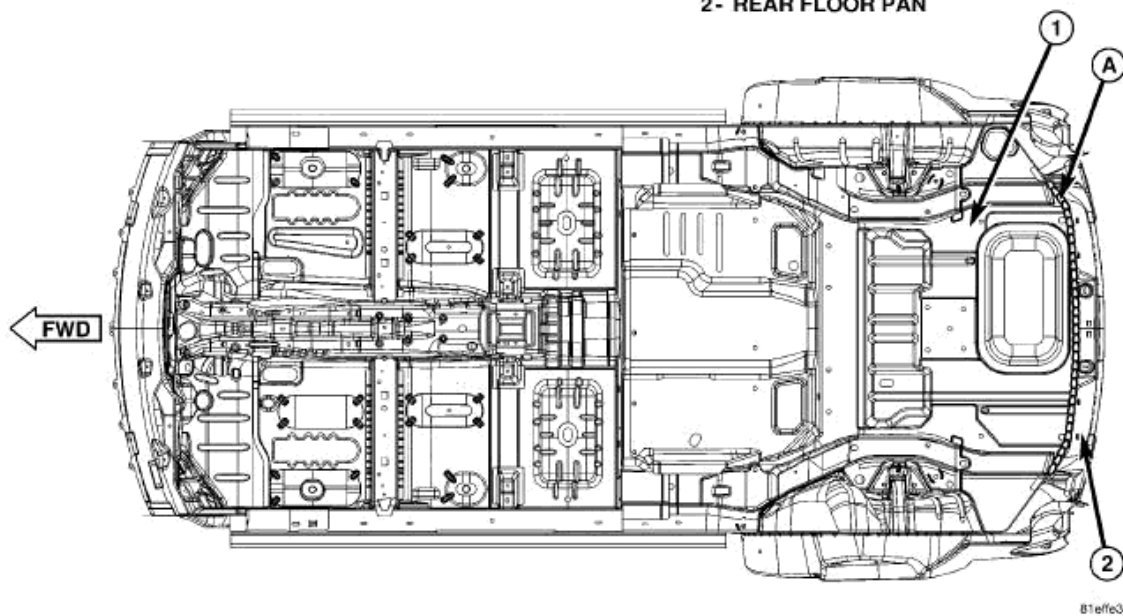


Fig. 301: UPPER CROSSMEMBER TO REAR FLOOR PAN
Courtesy of CHRYSLER LLC

LEFT SIDE SHOWN,
RIGHT SIDE TYPICAL

A - PAINTABLE SEALER

- 1 - ROOF PANEL
- 2 - BODY SIDE APERTURE

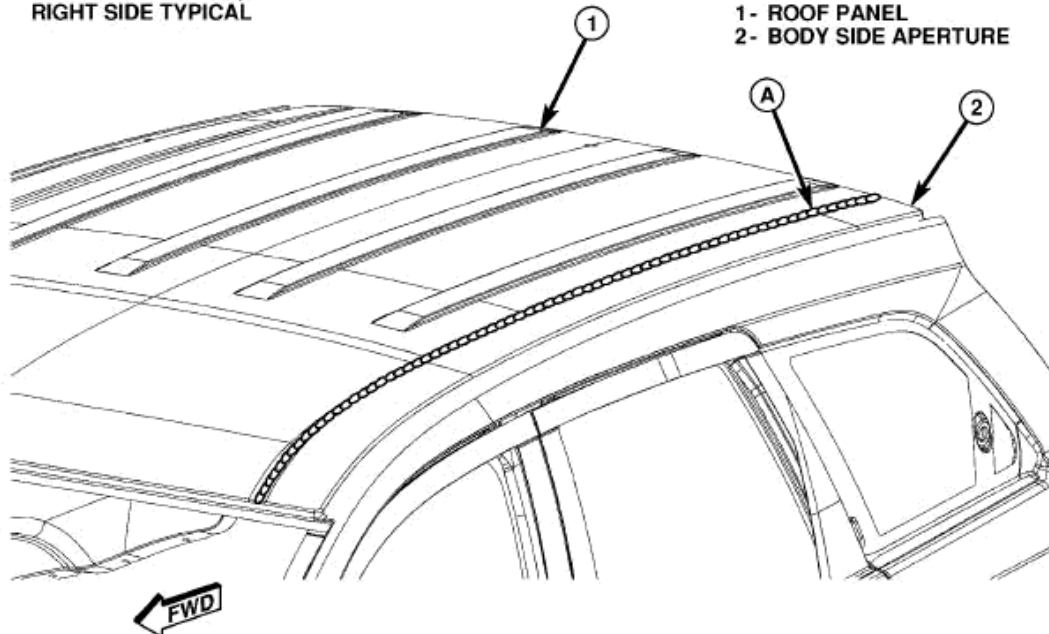


Fig. 302: BODY SIDE APERTURE TO ROOF PANEL
Courtesy of CHRYSLER LLC

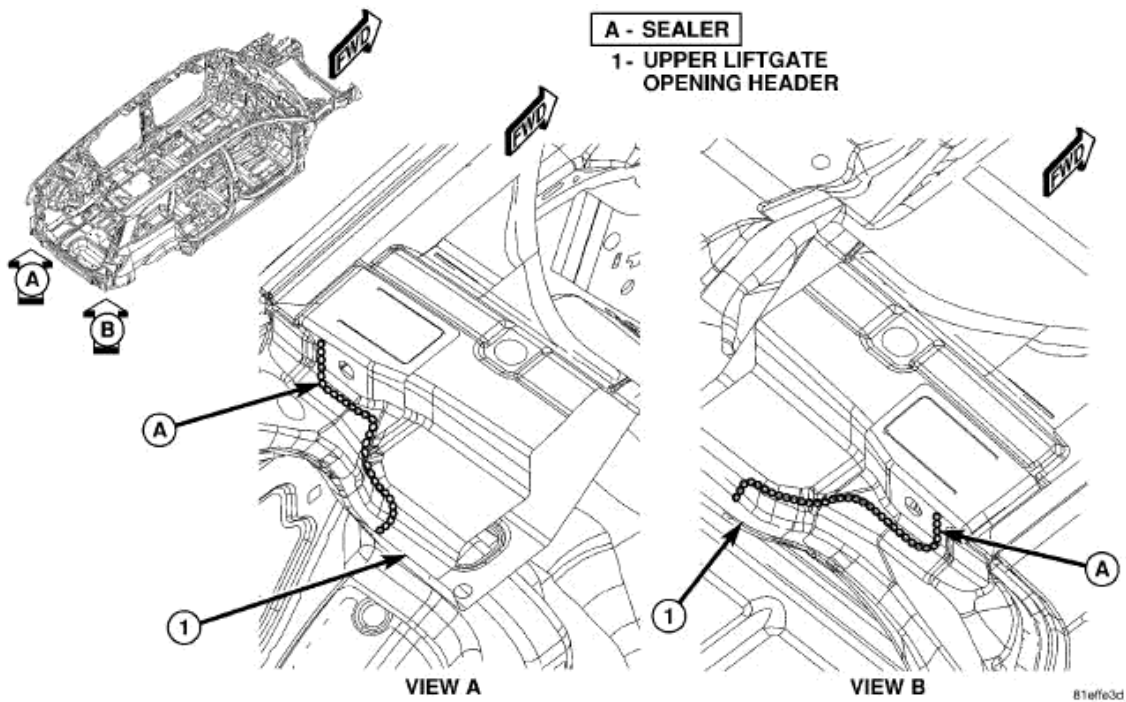


Fig. 303: UPPER LIFTGATE OPENING
Courtesy of CHRYSLER LLC

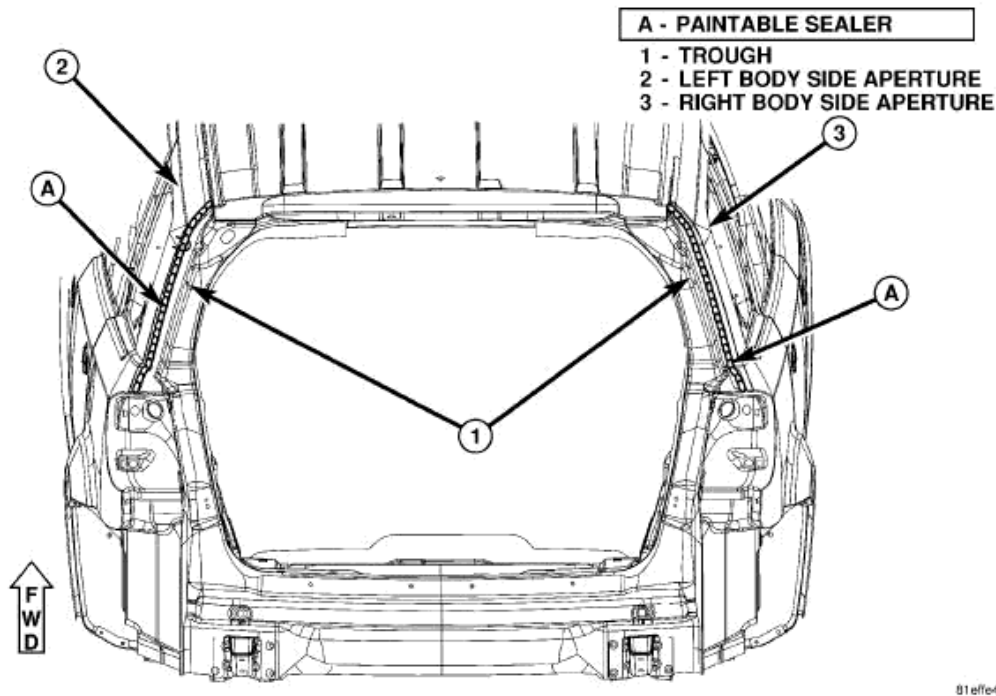


Fig. 304: BODY SIDE APERTURE TO DRAIN CHANNEL
Courtesy of CHRYSLER LLC

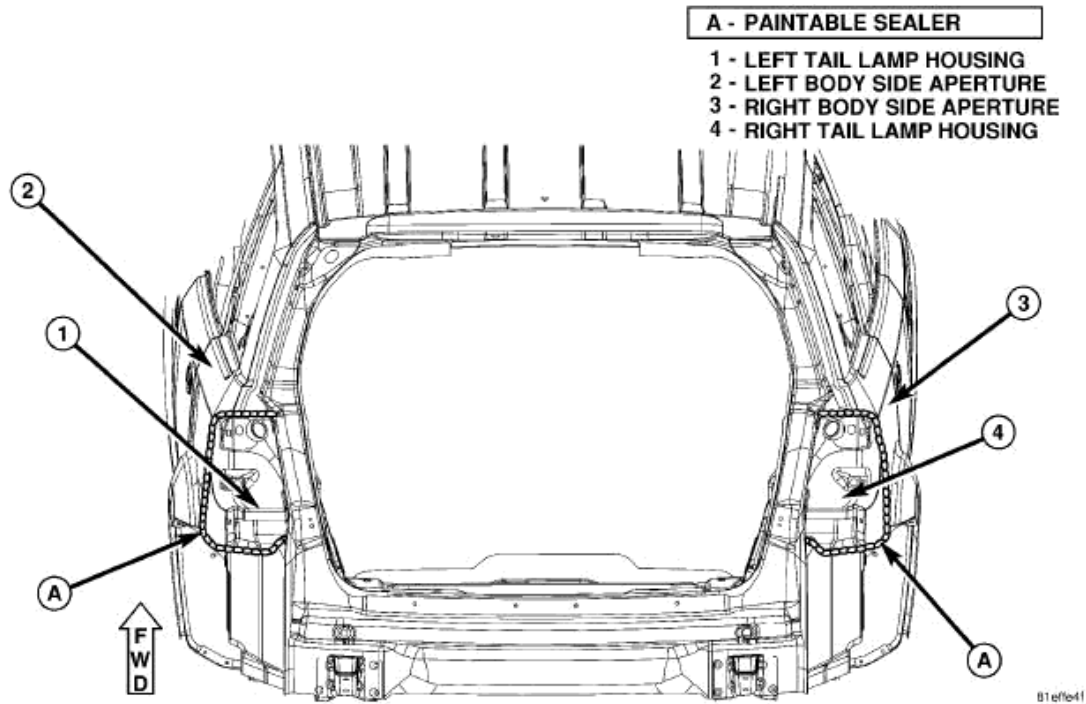


Fig. 305: BODY SIDE APERTURE TO TAIL LAMP HOUSING PANEL
Courtesy of CHRYSLER LLC

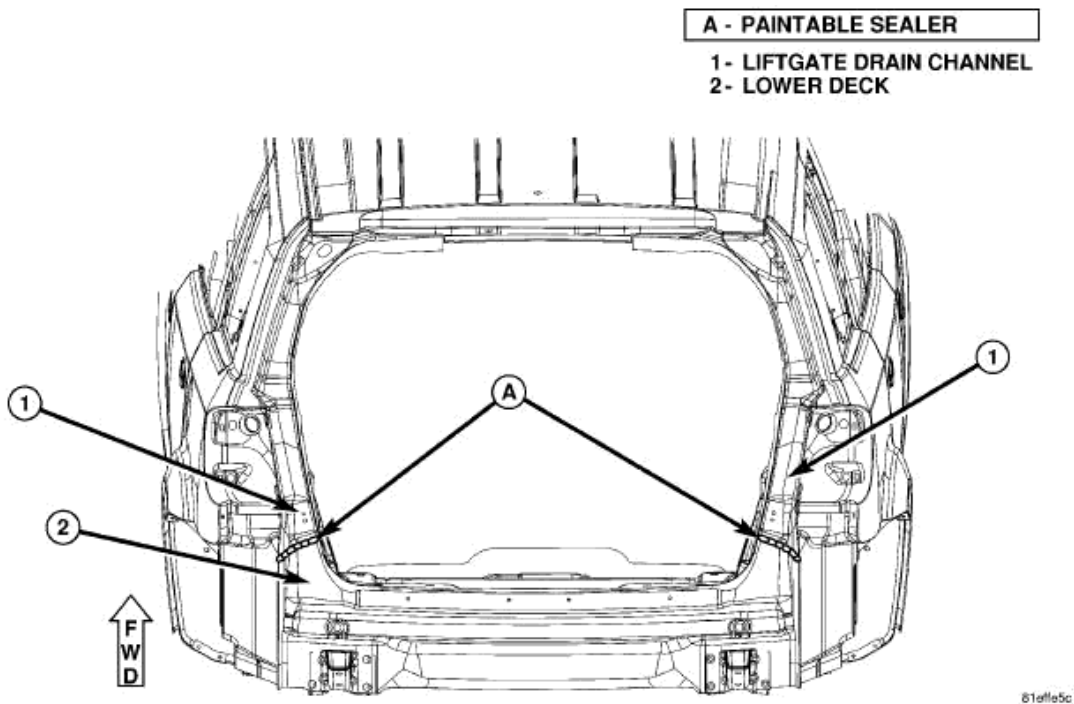
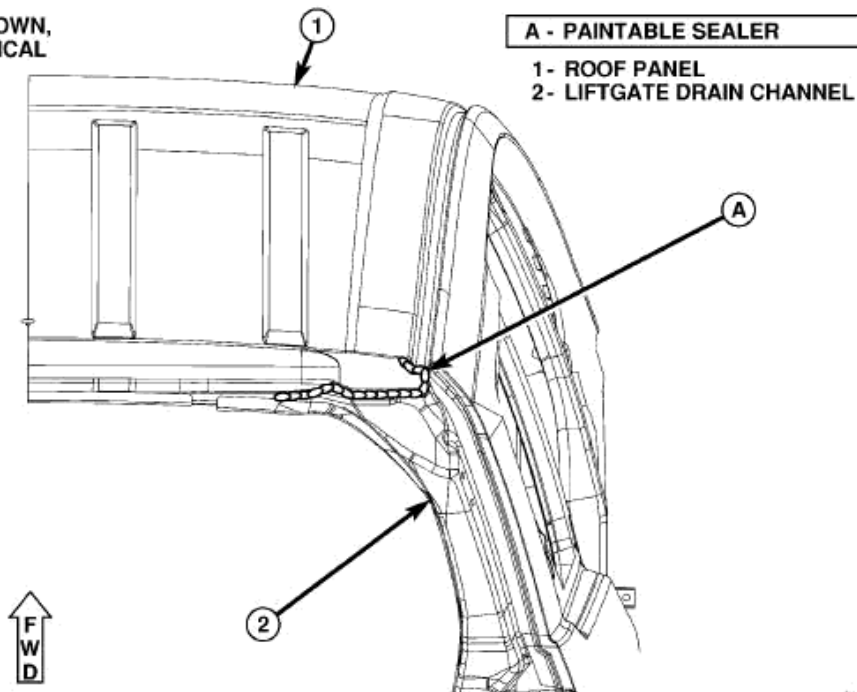


Fig. 306: LIFTGATE DRAIN CHANNEL TO LOWER DECK
Courtesy of CHRYSLER LLC

RIGHT SIDE SHOWN,
LEFT SIDE TYPICAL

81 effe88

Fig. 307: ROOF TO LIFTGATE DRAIN CHANNEL

Courtesy of CHRYSLER LLC

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BODY SIDE APERTURE/ROOF PANEL	<u>Fig. 318</u>
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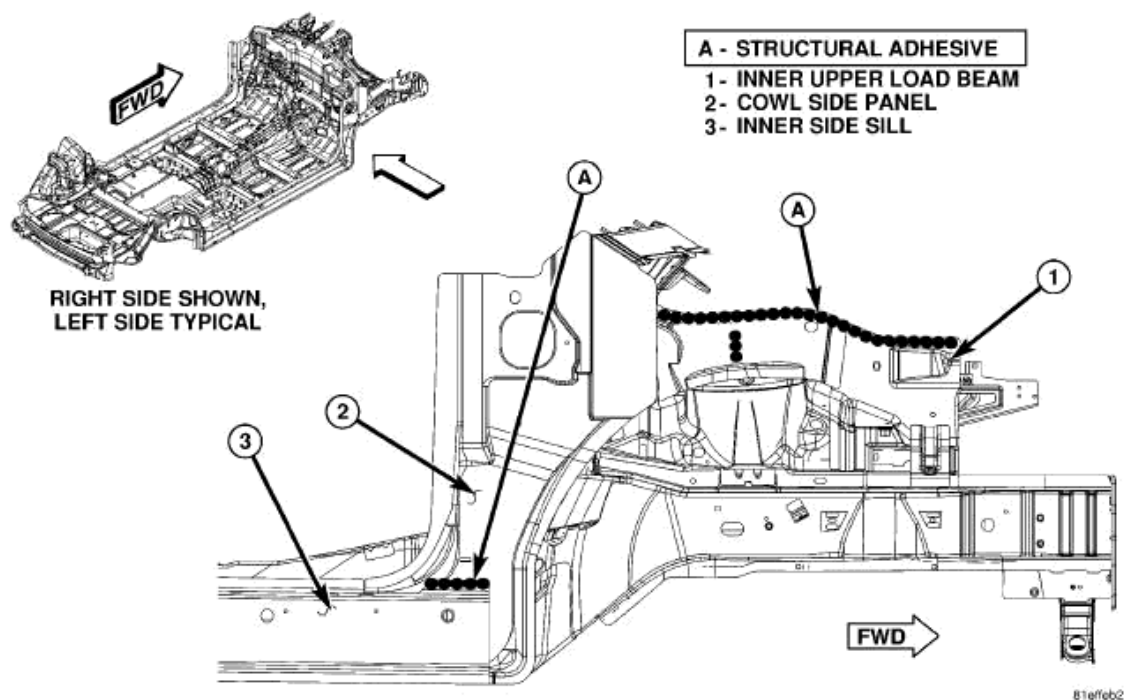


Fig. 308: COWL SIDE/ENGINE BOX
Courtesy of CHRYSLER LLC

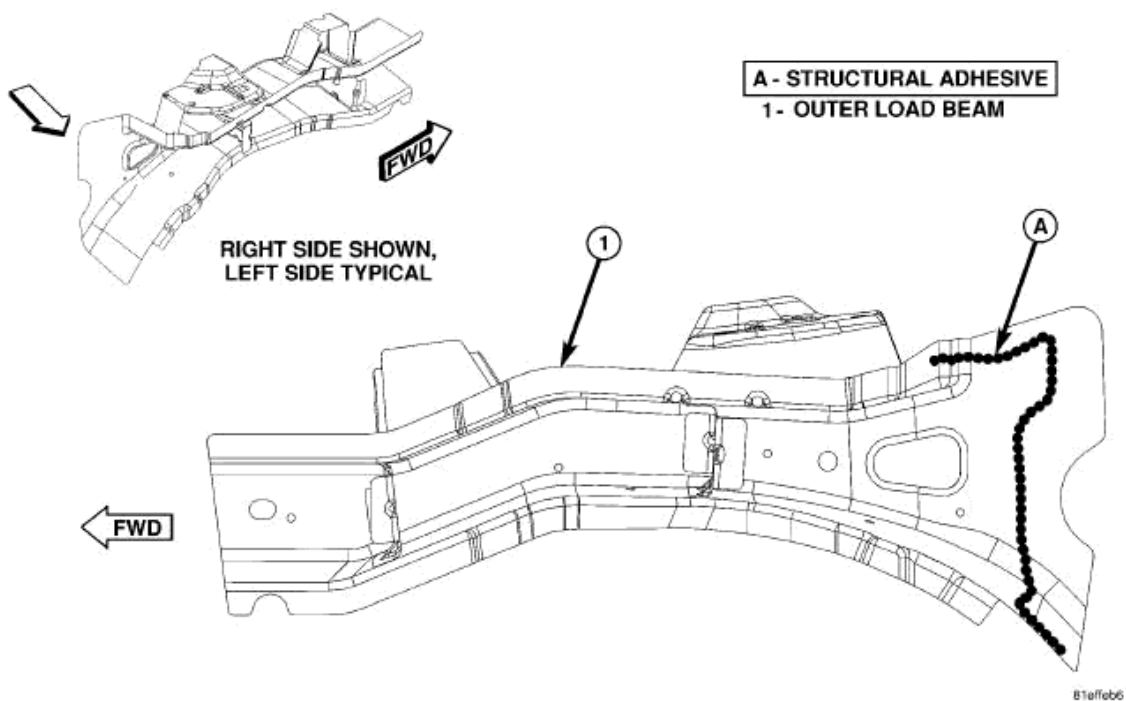


Fig. 309: LOAD BEAM
Courtesy of CHRYSLER LLC

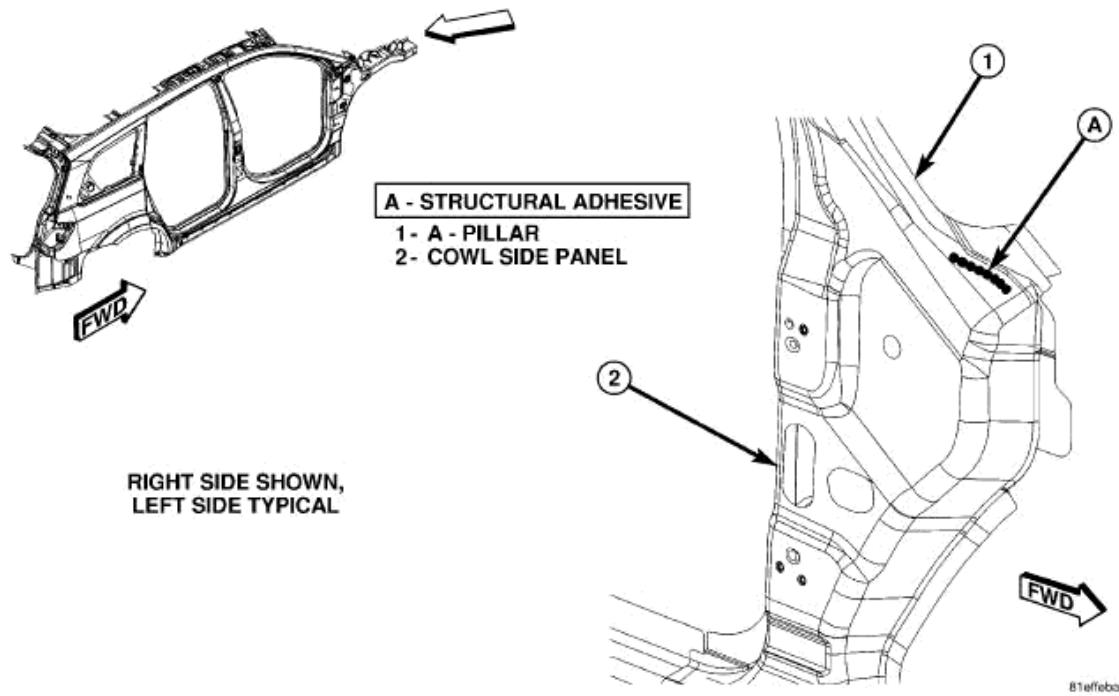


Fig. 310: COWL SIDE PANEL
 Courtesy of CHRYSLER LLC

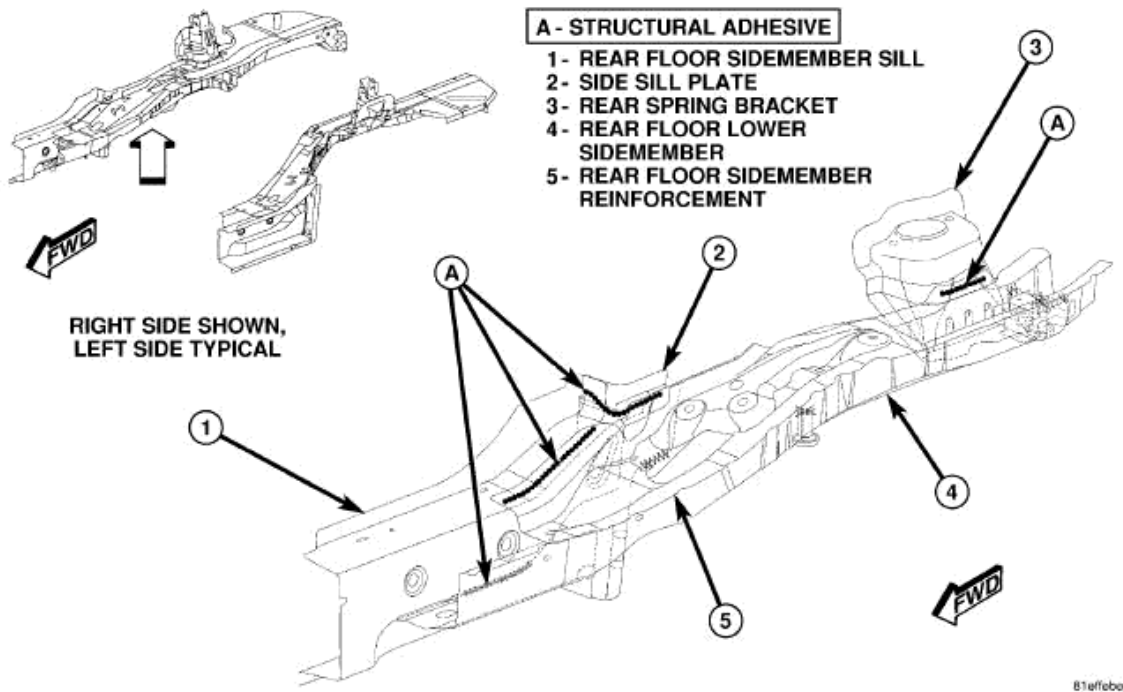


Fig. 311: SIDEMEMBER (1 OF 2)
 Courtesy of CHRYSLER LLC

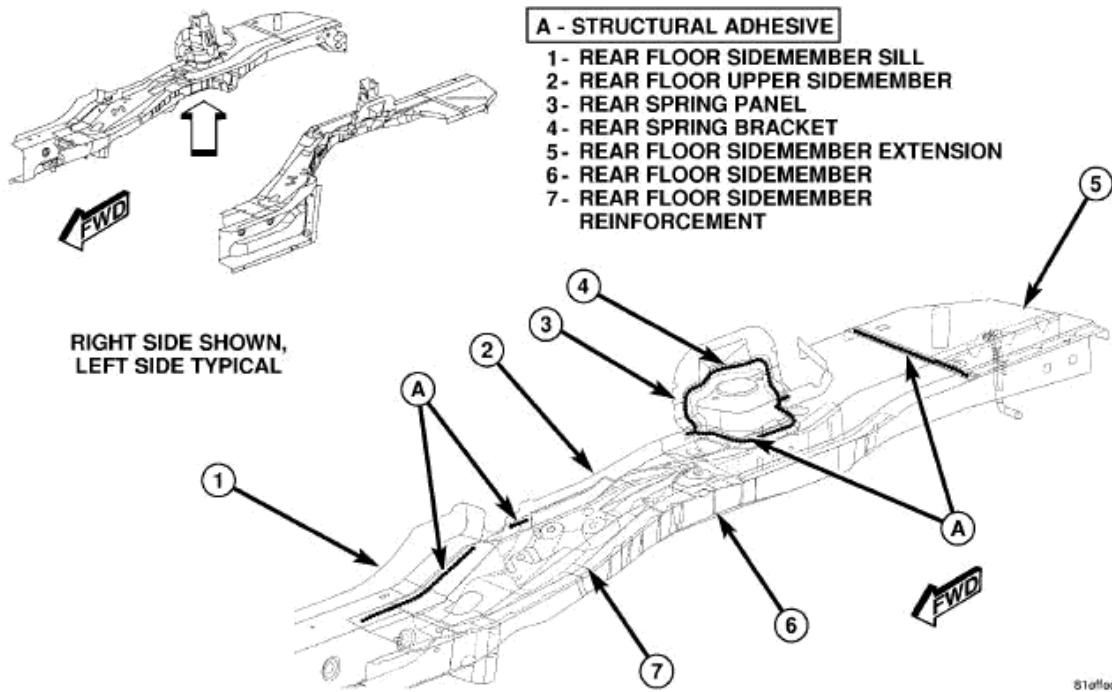


Fig. 312: SIDEMEMBER (2 OF 2)
Courtesy of CHRYSLER LLC

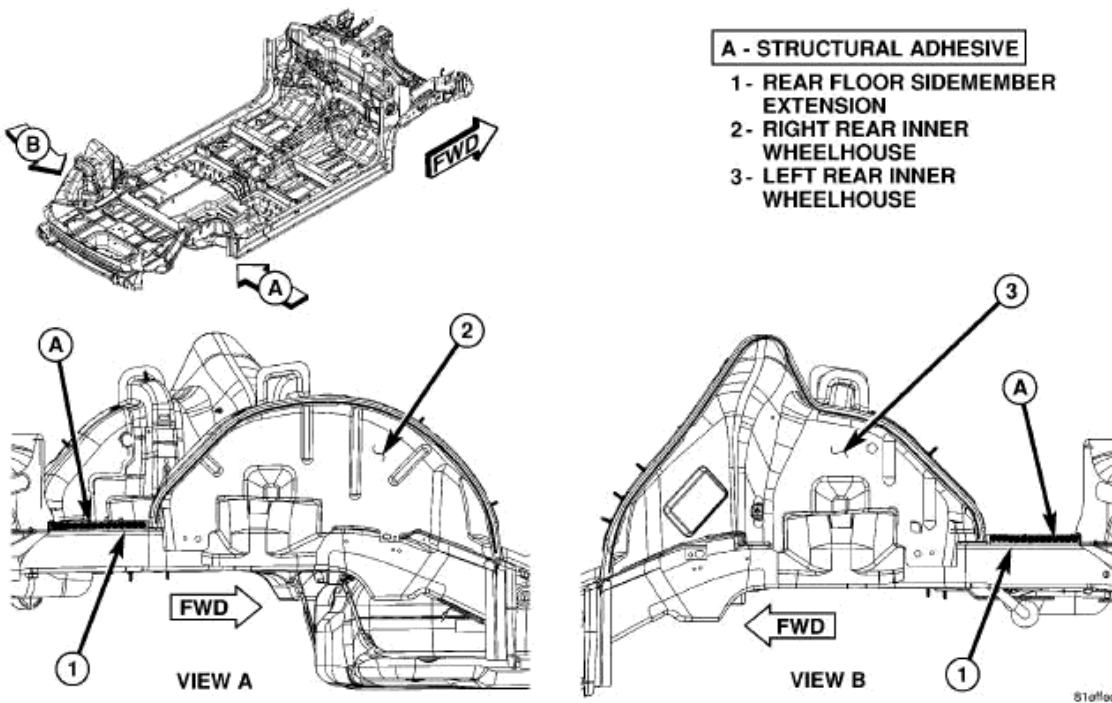


Fig. 313: REAR FLOOR/BODY SIDE APERTURE
Courtesy of CHRYSLER LLC

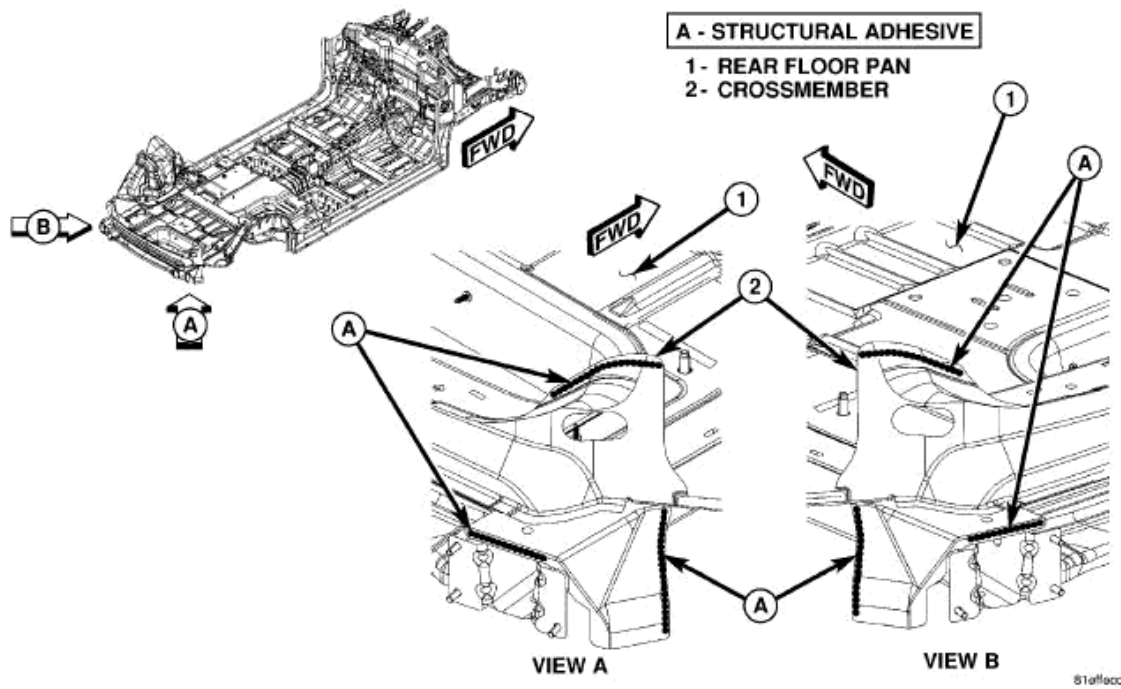


Fig. 314: REAR FLOOR/CROSSMEMBER LOWER LIFTGATE OPENING
 Courtesy of CHRYSLER LLC

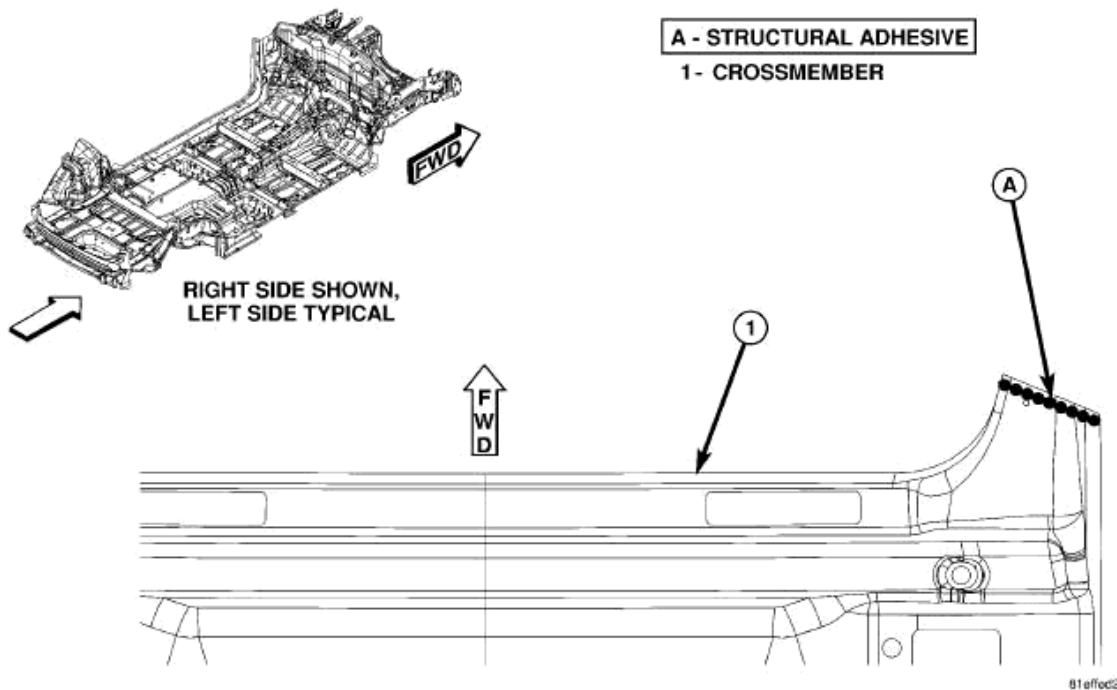


Fig. 315: LOWER LIFTGATE OPENING CROSSMEMBER
 Courtesy of CHRYSLER LLC

2009 Dodge Journey R/T

2009 ACCESSORIES AND EQUIPMENT Body - Journey

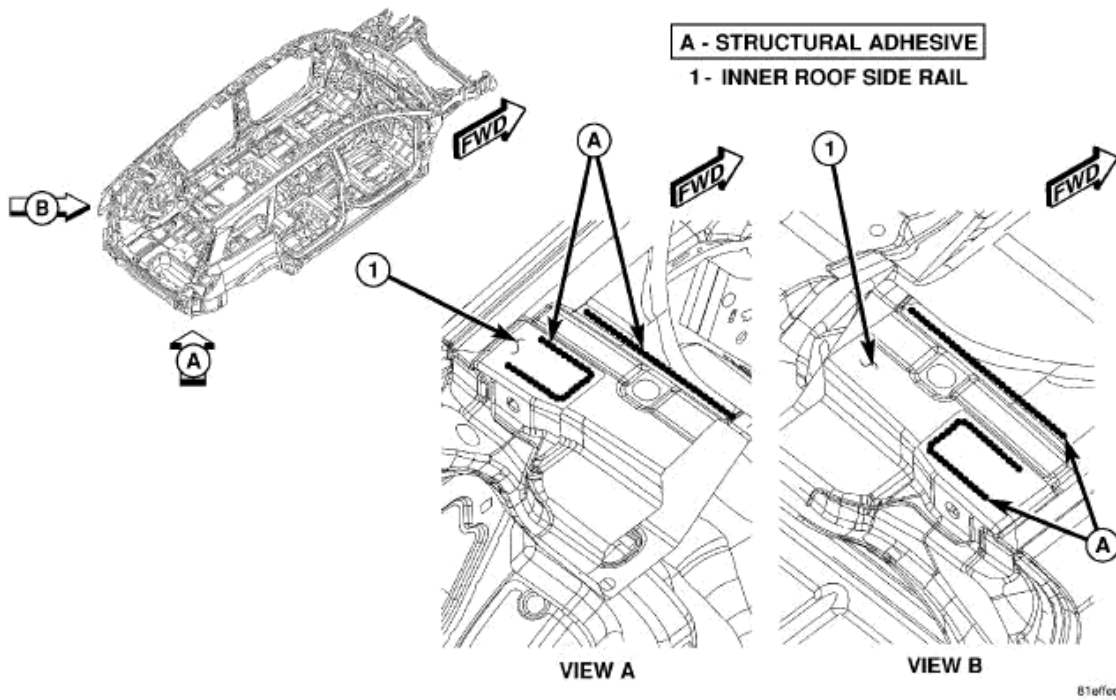


Fig. 316: BODY SIDE APERTURE/UPPER LIFTGATE OPENING CROSSMEMBER
Courtesy of CHRYSLER LLC

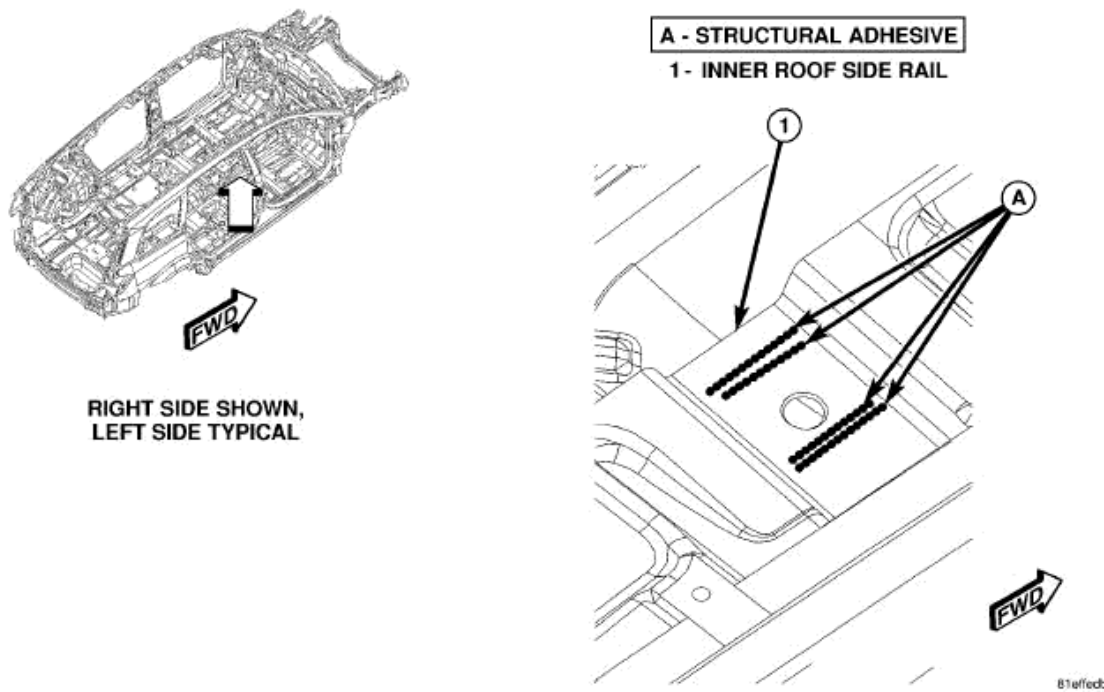


Fig. 317: BODY SIDE APERTURE/ROOF BOW (TYPICAL)
Courtesy of CHRYSLER LLC

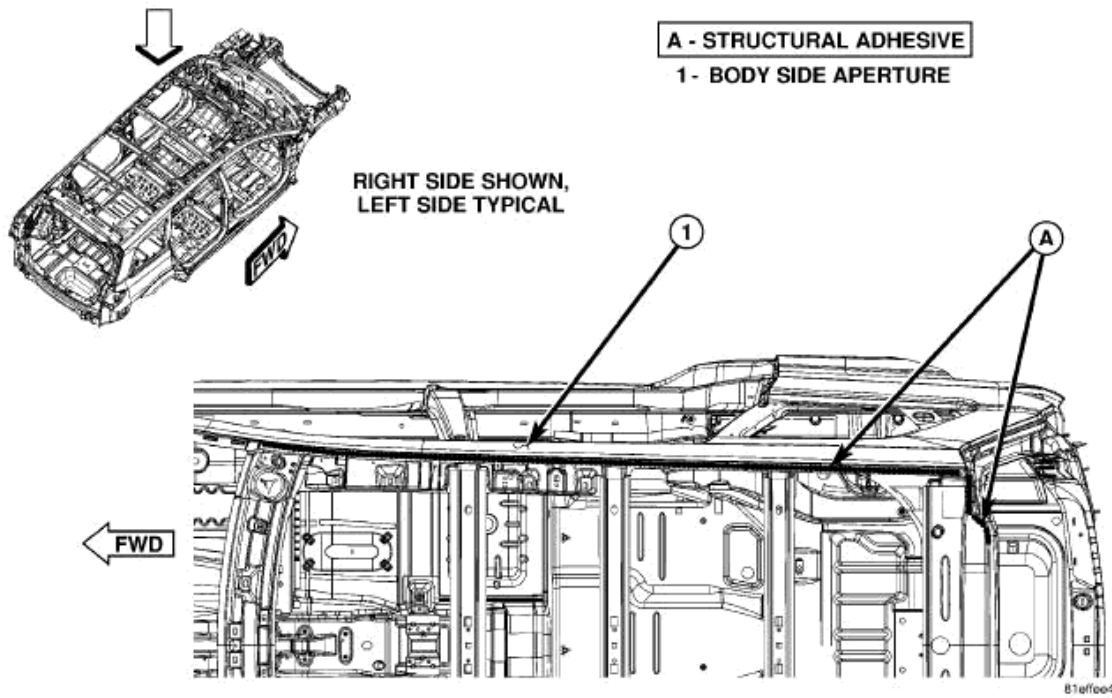


Fig. 318: BODY SIDE APERTURE/ROOF PANEL
Courtesy of CHRYSLER LLC

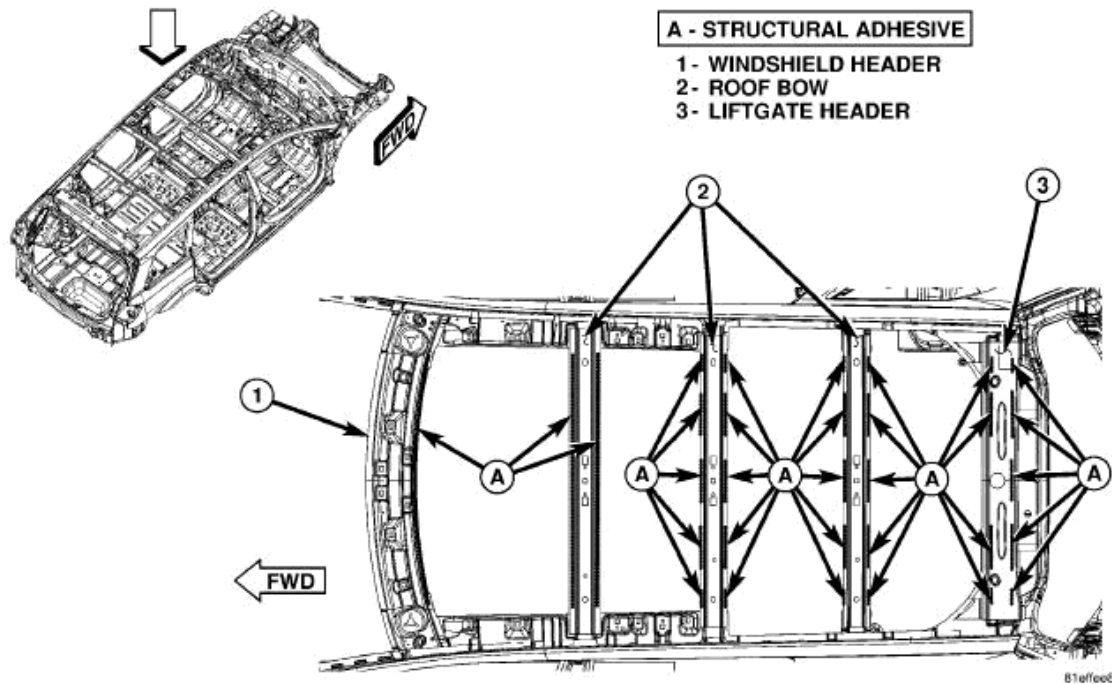


Fig. 319: ROOF BOWS/ROOF PANEL
Courtesy of CHRYSLER LLC

WELD LOCATIONS

2009 Dodge Journey R/T

2009 ACCESSORIES AND EQUIPMENT Body - Journey

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FRONT WHEELHOUSE (5 OF 6)	<u>Fig. 324</u>
FRONT WHEELHOUSE (6 OF 6)	<u>Fig. 325</u>
DASH (1 OF 3)	<u>Fig. 326</u>
DASH (2 OF 3)	<u>Fig. 327</u>
DASH (3 OF 3)	<u>Fig. 328</u>
PLENUM/COWL (1 OF 7)	<u>Fig. 329</u>
PLENUM/COWL (2 OF 7)	<u>Fig. 330</u>
PLENUM/COWL (3 OF 7)	<u>Fig. 331</u>
PLENUM/COWL (4 OF 7)	<u>Fig. 332</u>
PLENUM/COWL (5 OF 7)	<u>Fig. 333</u>
PLENUM/COWL (6 OF 7)	<u>Fig. 334</u>
PLENUM/COWL (7 OF 7)	<u>Fig. 335</u>
PLENUM/DASH (1 OF 2)	<u>Fig. 336</u>
PLENUM/DASH (2 OF 2)	<u>Fig. 337</u>
ENGINE BOX (1 OF 17)	<u>Fig. 338</u>
ENGINE BOX (2 OF 17)	<u>Fig. 339</u>
ENGINE BOX (3 OF 17)	<u>Fig. 340</u>
ENGINE BOX (4 OF 17)	<u>Fig. 341</u>
ENGINE BOX (5 OF 17)	<u>Fig. 342</u>
ENGINE BOX (6 OF 17)	<u>Fig. 343</u>
ENGINE BOX (7 OF 17)	<u>Fig. 344</u>
ENGINE BOX (8 OF 17)	<u>Fig. 345</u>
ENGINE BOX (9 OF 17)	<u>Fig. 346</u>
ENGINE BOX (10 OF 17)	<u>Fig. 347</u>
ENGINE BOX (11 OF 17)	<u>Fig. 348</u>
ENGINE BOX (12 OF 17)	<u>Fig. 349</u>
ENGINE BOX (13 OF 17)	<u>Fig. 350</u>
ENGINE BOX (14 OF 17)	<u>Fig. 351</u>
ENGINE BOX (15 OF 17)	<u>Fig. 352</u>
ENGINE BOX (16 OF 17)	<u>Fig. 353</u>
ENGINE BOX (17 OF 17)	<u>Fig. 354</u>
FRONT FLOOR (1 OF 7)	<u>Fig. 355</u>

2009 Dodge Journey R/T

2009 ACCESSORIES AND EQUIPMENT Body - Journey

FRONT FLOOR (2 OF 7)	<u>Fig. 356</u>
FRONT FLOOR (3 OF 7)	<u>Fig. 357</u>
FRONT FLOOR (4 OF 7)	<u>Fig. 358</u>
FRONT FLOOR (5 OF 7)	<u>Fig. 359</u>
FRONT FLOOR (6 OF 7)	<u>Fig. 360</u>
FRONT FLOOR (7 OF 7)	<u>Fig. 361</u>
UNDERBODY (1 OF 5)	<u>Fig. 362</u>
UNDERBODY (2 OF 5)	<u>Fig. 363</u>
UNDERBODY (3 OF 5)	<u>Fig. 364</u>
UNDERBODY (4 OF 5)	<u>Fig. 365</u>
UNDERBODY (5 OF 5)	<u>Fig. 366</u>
UNDERBODY REAR (1 OF 4)	<u>Fig. 367</u>
UNDERBODY REAR (2 OF 4)	<u>Fig. 368</u>
UNDERBODY REAR (3 OF 4)	<u>Fig. 369</u>
UNDERBODY REAR (4 OF 4)	<u>Fig. 370</u>
MISCELLANEOUS BODY	<u>Fig. 371</u>
SIDEMEMBER (1 OF 16)	<u>Fig. 372</u>
SIDEMEMBER (2 OF 16)	<u>Fig. 373</u>
SIDEMEMBER (3 OF 16)	<u>Fig. 374</u>
SIDEMEMBER (4 OF 16)	<u>Fig. 375</u>
SIDEMEMBER (5 OF 16)	<u>Fig. 376</u>
SIDEMEMBER (6 OF 16)	<u>Fig. 377</u>
SIDEMEMBER (7 OF 16)	<u>Fig. 378</u>
SIDEMEMBER (8 OF 16)	<u>Fig. 379</u>
SIDEMEMBER (9 OF 16)	<u>Fig. 380</u>
SIDEMEMBER (10 OF 16)	<u>Fig. 381</u>
SIDEMEMBER (11 OF 16)	<u>Fig. 382</u>
SIDEMEMBER (12 OF 16)	<u>Fig. 383</u>
SIDEMEMBER (13 OF 16)	<u>Fig. 384</u>
SIDEMEMBER (14 OF 16)	<u>Fig. 385</u>
SIDEMEMBER (15 OF 16)	<u>Fig. 386</u>
SIDEMEMBER (16 OF 16)	<u>Fig. 387</u>
MISCELLANEOUS COWL/FLOOR (1 OF 3)	<u>Fig. 388</u>
MISCELLANEOUS COWL/FLOOR (2 OF 3)	<u>Fig. 389</u>
MISCELLANEOUS COWL/FLOOR (3 OF 3)	<u>Fig. 390</u>
UNDERBODY COMPLETE (1 OF 21)	<u>Fig. 391</u>
UNDERBODY COMPLETE (2 OF 21)	<u>Fig. 392</u>
UNDERBODY COMPLETE (3 OF 21)	<u>Fig. 393</u>
UNDERBODY COMPLETE (4 OF 21)	<u>Fig. 394</u>
UNDERBODY COMPLETE (5 OF 21)	<u>Fig. 395</u>
UNDERBODY COMPLETE (6 OF 21)	<u>Fig. 396</u>

2009 Dodge Journey R/T

2009 ACCESSORIES AND EQUIPMENT Body - Journey

	<u>Fig. 397</u>
UNDERBODY COMPLETE (8 OF 21)	<u>Fig. 398</u>
UNDERBODY COMPLETE (9 OF 21)	<u>Fig. 399</u>
UNDERBODY COMPLETE (10 OF 21)	<u>Fig. 400</u>
UNDERBODY COMPLETE (11 OF 21)	<u>Fig. 401</u>
UNDERBODY COMPLETE (12 OF 21)	<u>Fig. 402</u>
UNDERBODY COMPLETE (13 OF 21)	<u>Fig. 403</u>
UNDERBODY COMPLETE (14 OF 21)	<u>Fig. 404</u>
UNDERBODY COMPLETE (15 OF 21)	<u>Fig. 405</u>
UNDERBODY COMPLETE (16 OF 21)	<u>Fig. 406</u>
UNDERBODY COMPLETE (17 OF 21)	<u>Fig. 407</u>
UNDERBODY COMPLETE (18 OF 21)	<u>Fig. 408</u>
090 UNDERBODY COMPLETE (19 OF 21)	<u>Fig. 409</u>
UNDERBODY COMPLETE (20 OF 21)	<u>Fig. 410</u>
UNDERBODY COMPLETE (21 OF 21)	<u>Fig. 411</u>
BODY SIDE APERTURE (1 OF 14)	<u>Fig. 412</u>
BODY SIDE APERTURE (2 OF 14)	<u>Fig. 413</u>
BODY SIDE APERTURE (3 OF 14)	<u>Fig. 414</u>
BODY SIDE APERTURE (4 OF 14)	<u>Fig. 415</u>
BODY SIDE APERTURE (5 OF 14)	<u>Fig. 416</u>
BODY SIDE APERTURE (6 OF 14)	<u>Fig. 417</u>
BODY SIDE APERTURE (7 OF 14)	<u>Fig. 418</u>
BODY SIDE APERTURE (8 OF 14)	<u>Fig. 419</u>
BODY SIDE APERTURE (9 OF 14)	<u>Fig. 420</u>
BODY SIDE APERTURE (10 OF 14)	<u>Fig. 421</u>
BODY SIDE APERTURE (11 OF 14)	<u>Fig. 422</u>
BODY SIDE APERTURE (12 OF 14)	<u>Fig. 423</u>
BODY SIDE APERTURE (13 OF 14)	<u>Fig. 424</u>
BODY SIDE APERTURE (14 OF 14)	<u>Fig. 425</u>
BODY SIDE APERTURE COMPLETE (1 OF 18)	<u>Fig. 426</u>
BODY SIDE APERTURE COMPLETE (2 OF 18)	<u>Fig. 427</u>
BODY SIDE APERTURE COMPLETE (3 OF 18)	<u>Fig. 428</u>
BODY SIDE APERTURE COMPLETE (4 OF 18)	<u>Fig. 429</u>
BODY SIDE APERTURE COMPLETE (5 OF 18)	<u>Fig. 430</u>
BODY SIDE APERTURE COMPLETE (6 OF 18)	<u>Fig. 431</u>
BODY SIDE APERTURE COMPLETE (7 OF 18)	<u>Fig. 432</u>
BODY SIDE APERTURE COMPLETE (8 OF 18)	<u>Fig. 433</u>
BODY SIDE APERTURE COMPLETE (9 OF 18)	<u>Fig. 434</u>
BODY SIDE APERTURE COMPLETE (10 OF 18)	<u>Fig. 435</u>
BODY SIDE APERTURE COMPLETE (11 OF 18)	<u>Fig. 436</u>
BODY SIDE APERTURE COMPLETE (12 OF 18)	<u>Fig. 437</u>

2009 Dodge Journey R/T

2009 ACCESSORIES AND EQUIPMENT Body - Journey

	<u>Fig. 438</u>
BODY SIDE APERTURE COMPLETE (14 OF 18)	<u>Fig. 439</u>
BODY SIDE APERTURE COMPLETE (15 OF 18)	<u>Fig. 440</u>
BODY SIDE APERTURE COMPLETE (16 OF 18)	<u>Fig. 441</u>
BODY SIDE APERTURE COMPLETE (17 OF 18)	<u>Fig. 442</u>
BODY SIDE APERTURE COMPLETE (18 OF 18)	<u>Fig. 443</u>
BODY IN WHITE (1 OF 6)	<u>Fig. 444</u>
BODY IN WHITE (2 OF 6)	<u>Fig. 445</u>
BODY IN WHITE (3 OF 6)	<u>Fig. 446</u>
BODY IN WHITE (4 OF 6)	<u>Fig. 447</u>
BODY IN WHITE (5 OF 6)	<u>Fig. 448</u>
BODY IN WHITE (6 OF 6)	<u>Fig. 449</u>
BODY IN WHITE COMPLETE (1 OF 6)	<u>Fig. 450</u>
BODY IN WHITE COMPLETE (2 OF 6)	<u>Fig. 451</u>
BODY IN WHITE COMPLETE (3 OF 6)	<u>Fig. 452</u>
BODY IN WHITE COMPLETE (4 OF 6)	<u>Fig. 453</u>
BODY IN WHITE COMPLETE (5 OF 6)	<u>Fig. 454</u>
BODY IN WHITE COMPLETE (6 OF 6)	<u>Fig. 455</u>
BODY IN WHITE COMPLETE W/ROOF (1 OF 10)	<u>Fig. 456</u>
BODY IN WHITE COMPLETE W/ROOF (2 OF 10)	<u>Fig. 457</u>
BODY IN WHITE COMPLETE W/ROOF (3 OF 10)	<u>Fig. 458</u>
BODY IN WHITE COMPLETE W/ROOF (4 OF 10)	<u>Fig. 459</u>
BODY IN WHITE COMPLETE W/ROOF (5 OF 10)	<u>Fig. 460</u>
BODY IN WHITE COMPLETE W/ROOF (6 OF 10)	<u>Fig. 461</u>
BODY IN WHITE COMPLETE W/ROOF (7 OF 10)	<u>Fig. 462</u>
BODY IN WHITE COMPLETE W/ROOF (8 OF 10)	<u>Fig. 463</u>
BODY IN WHITE COMPLETE W/ROOF (9 OF 10)	<u>Fig. 464</u>
BODY IN WHITE COMPLETE W/ROOF (10 OF 10)	<u>Fig. 465</u>

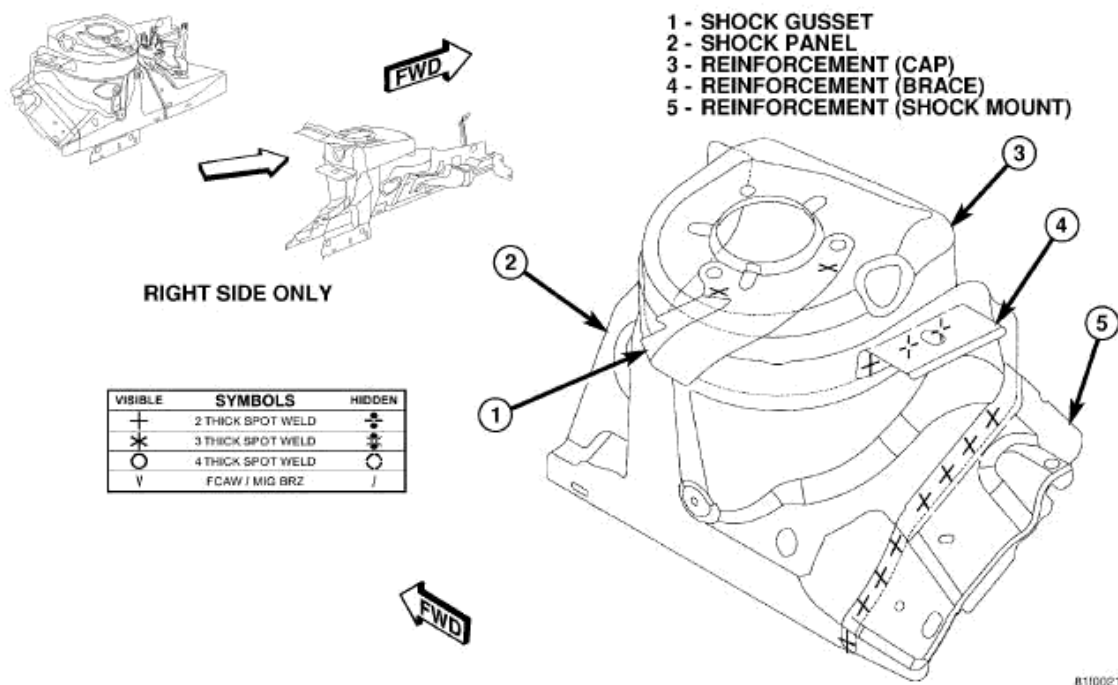


Fig. 320: FRONT WHEELHOUSE (1 OF 6)
Courtesy of CHRYSLER LLC

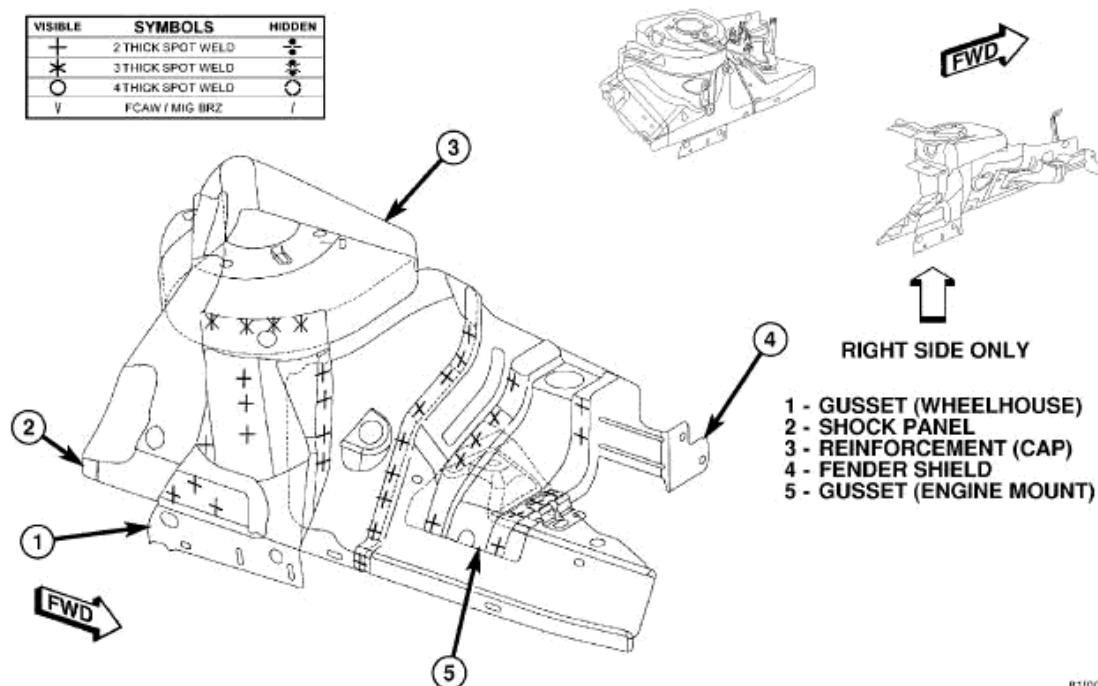


Fig. 321: FRONT WHEELHOUSE (2 OF 6)
Courtesy of CHRYSLER LLC

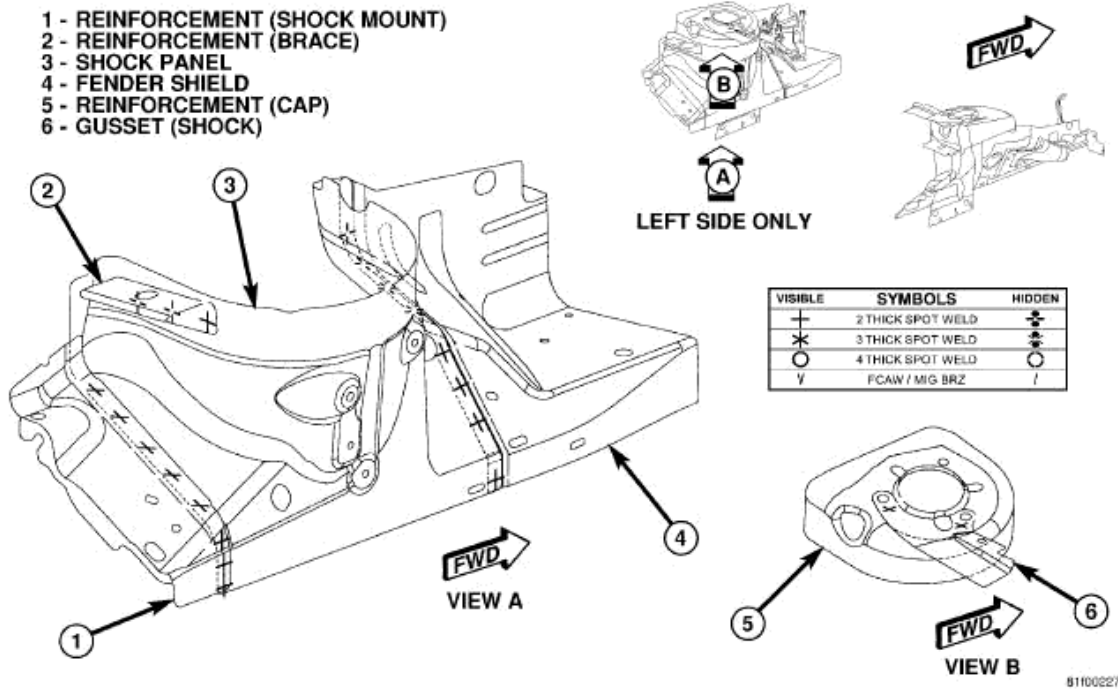


Fig. 322: FRONT WHEELHOUSE (3 OF 6)
Courtesy of CHRYSLER LLC

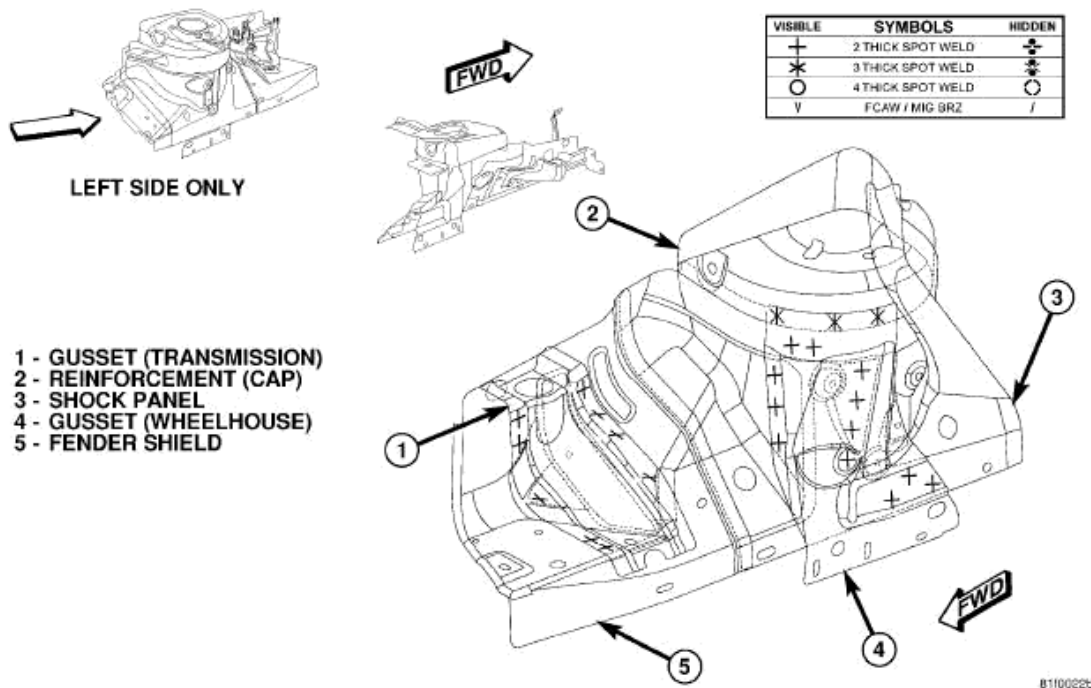
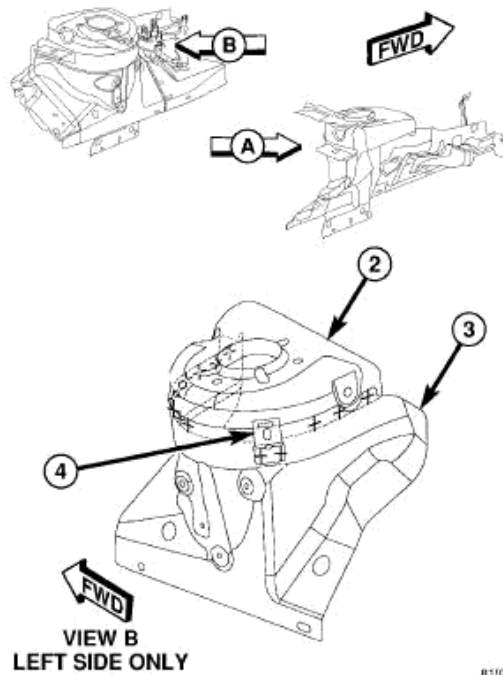
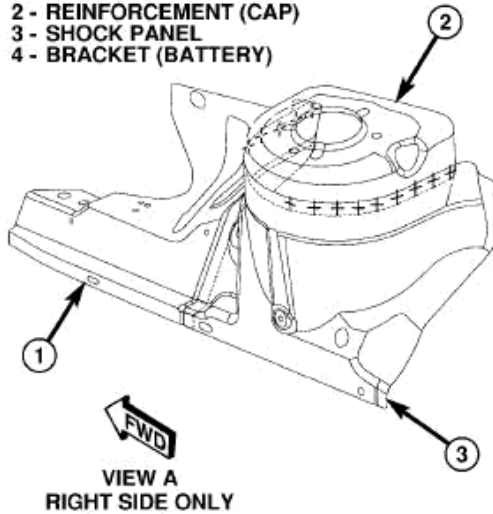


Fig. 323: FRONT WHEELHOUSE (4 OF 6)
Courtesy of CHRYSLER LLC

VISIBLE	SYMBOLS	HIDDEN
+	2 THICK SPOT WELD	+
*	3 THICK SPOT WELD	*
○	4 THICK SPOT WELD	○
V	FCAW / MIG BRZ	/

- 1 - FENDER SHIELD
- 2 - REINFORCEMENT (CAP)
- 3 - SHOCK PANEL
- 4 - BRACKET (BATTERY)

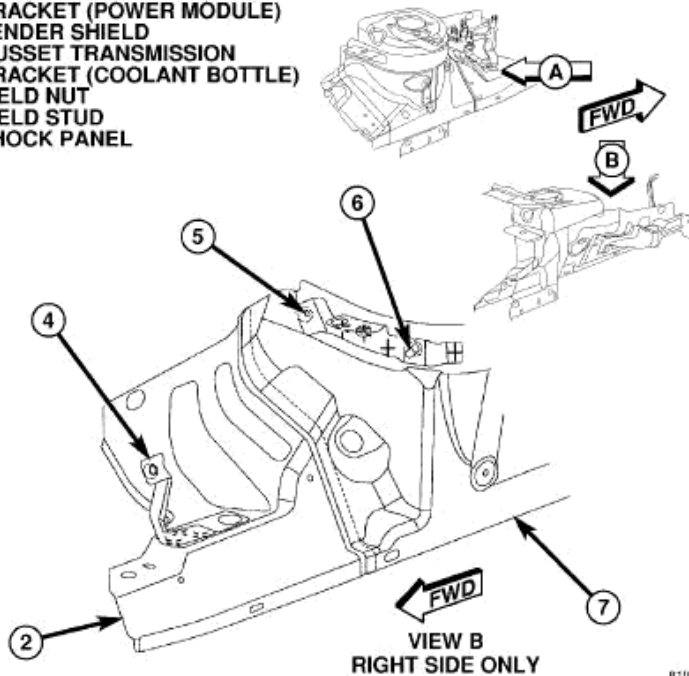
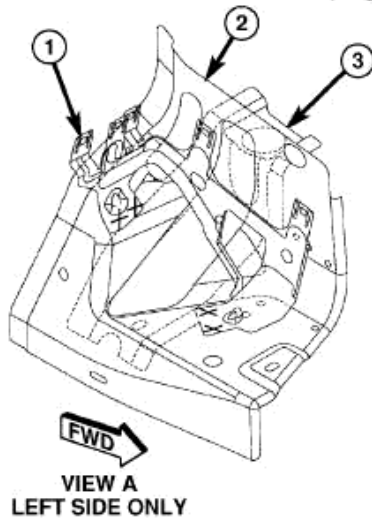


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Fig. 324: FRONT WHEELHOUSE (5 OF 6)
Courtesy of CHRYSLER LLC

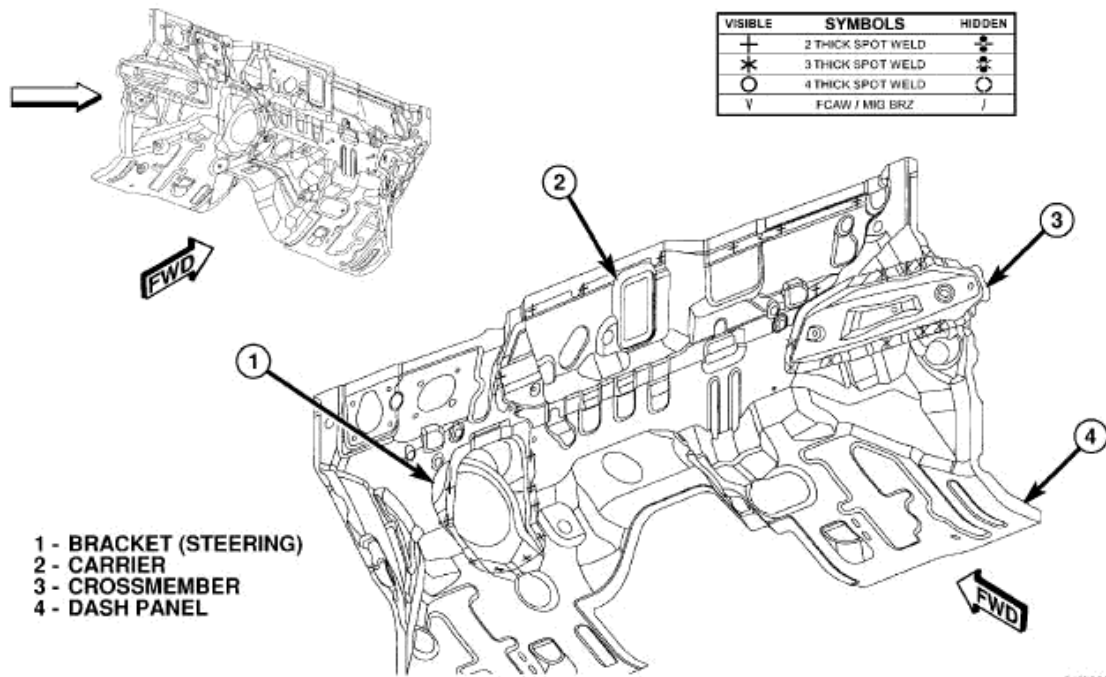
VISIBLE	SYMBOLS	HIDDEN
+	2 THICK SPOT WELD	+
*	3 THICK SPOT WELD	*
○	4 THICK SPOT WELD	○
V	FCAW / MIG BRZ	/

- 1 - BRACKET (POWER MODULE)
- 2 - FENDER SHIELD
- 3 - GUSSET TRANSMISSION
- 4 - BRACKET (COOLANT BOTTLE)
- 5 - WELD NUT
- 6 - WELD STUD
- 7 - SHOCK PANEL



81100234

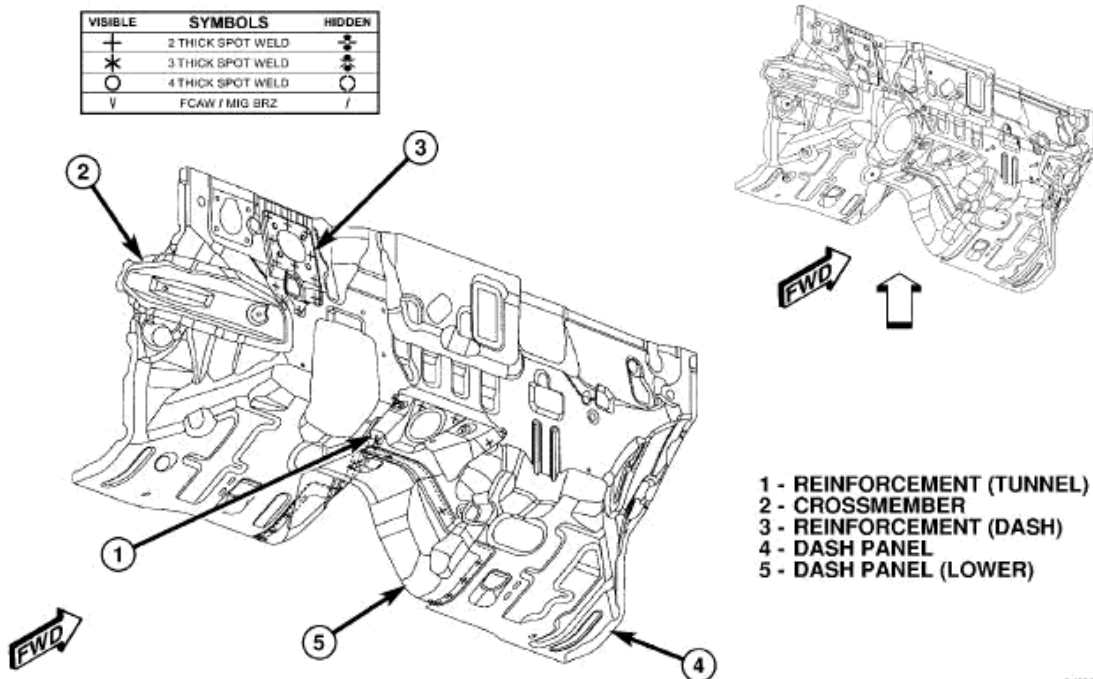
Fig. 325: FRONT WHEELHOUSE (6 OF 6)
Courtesy of CHRYSLER LLC



81100238

Fig. 326: DASH (1 OF 3)

Courtesy of CHRYSLER LLC



8110023d

Fig. 327: DASH (2 OF 3)

Courtesy of CHRYSLER LLC

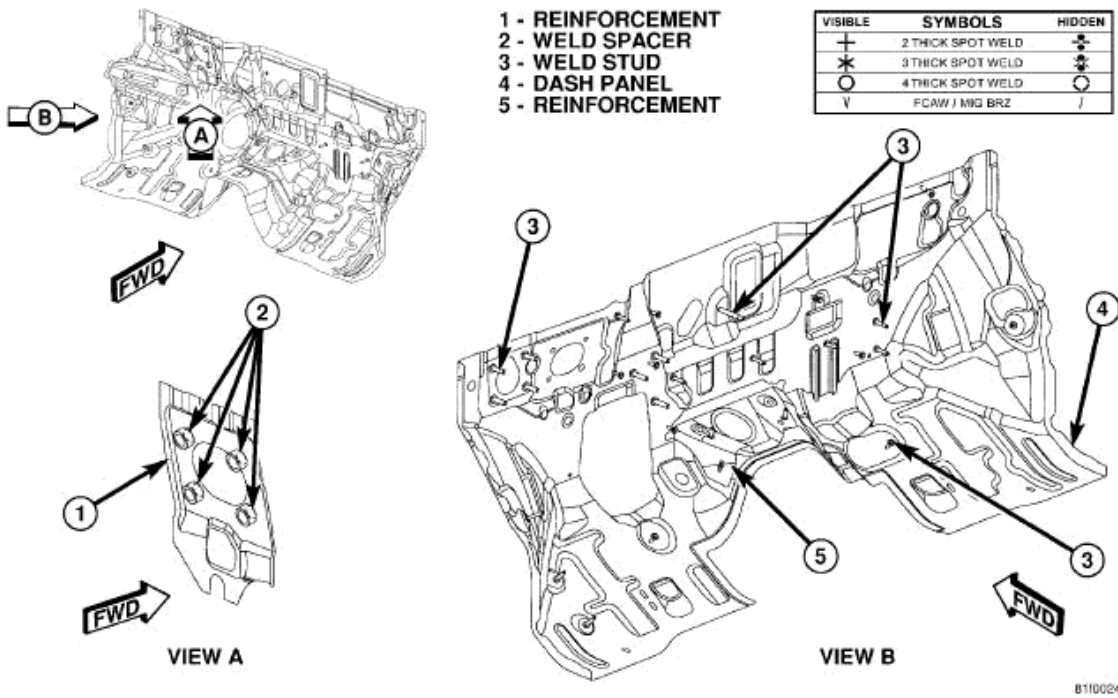


Fig. 328: DASH (3 OF 3)

Courtesy of CHRYSLER LLC

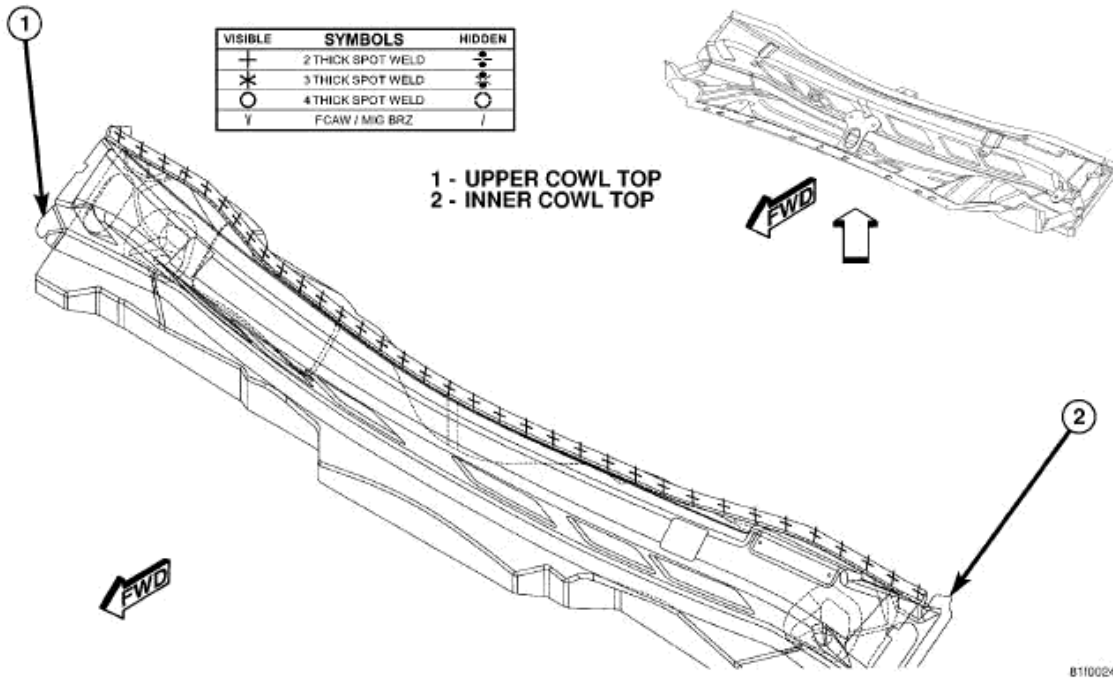


Fig. 329: PLENUM/COWL (1 OF 7)

Courtesy of CHRYSLER LLC

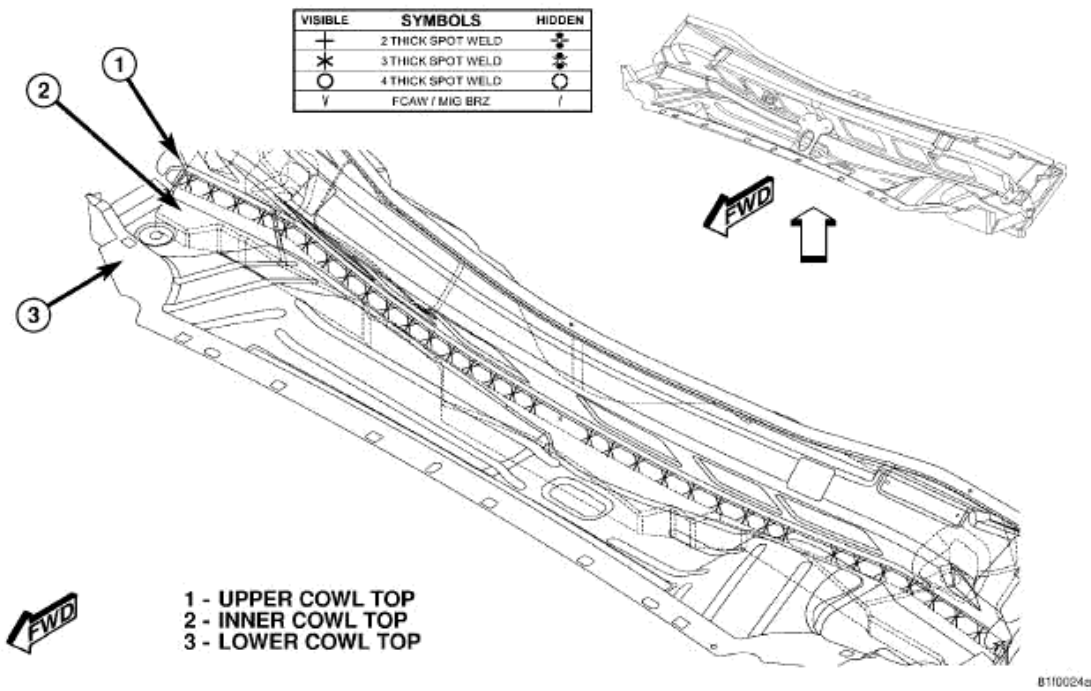


Fig. 330: PLENUM/COWL (2 OF 7)
Courtesy of CHRYSLER LLC

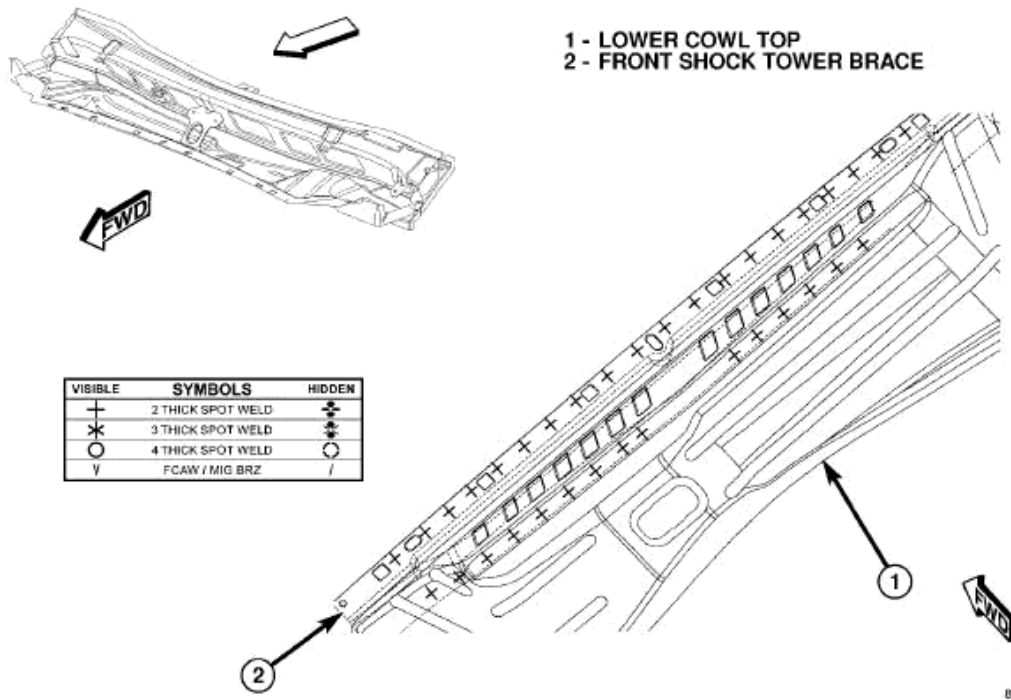


Fig. 331: PLENUM/COWL (3 OF 7)
Courtesy of CHRYSLER LLC

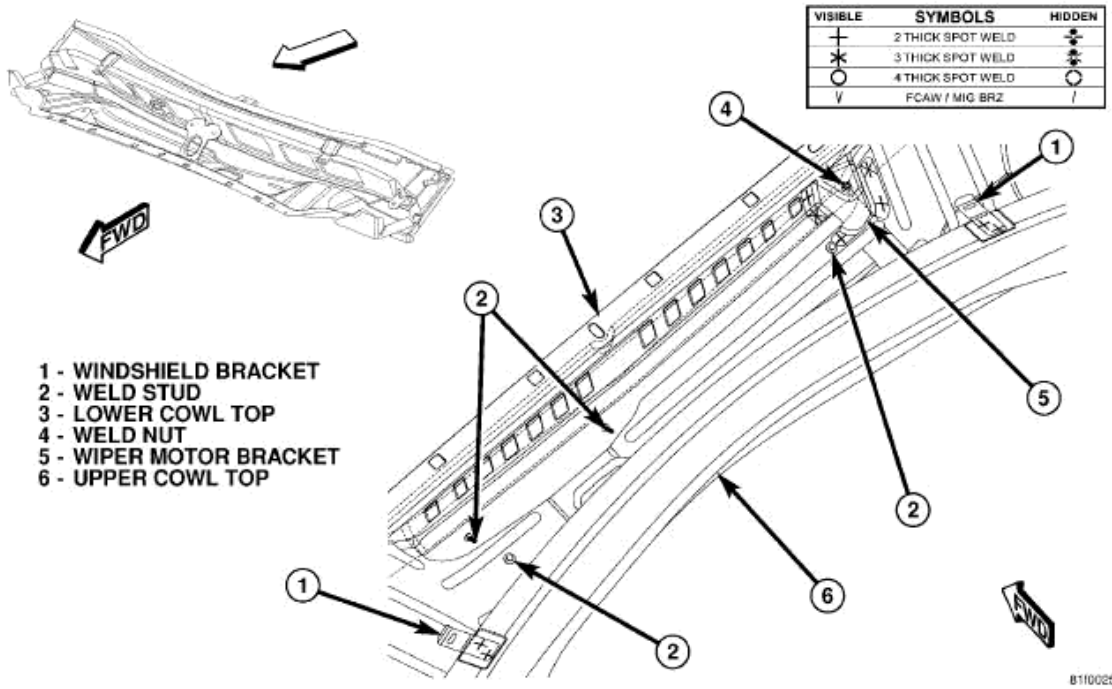


Fig. 332: PLENUM/COWL (4 OF 7)
Courtesy of CHRYSLER LLC

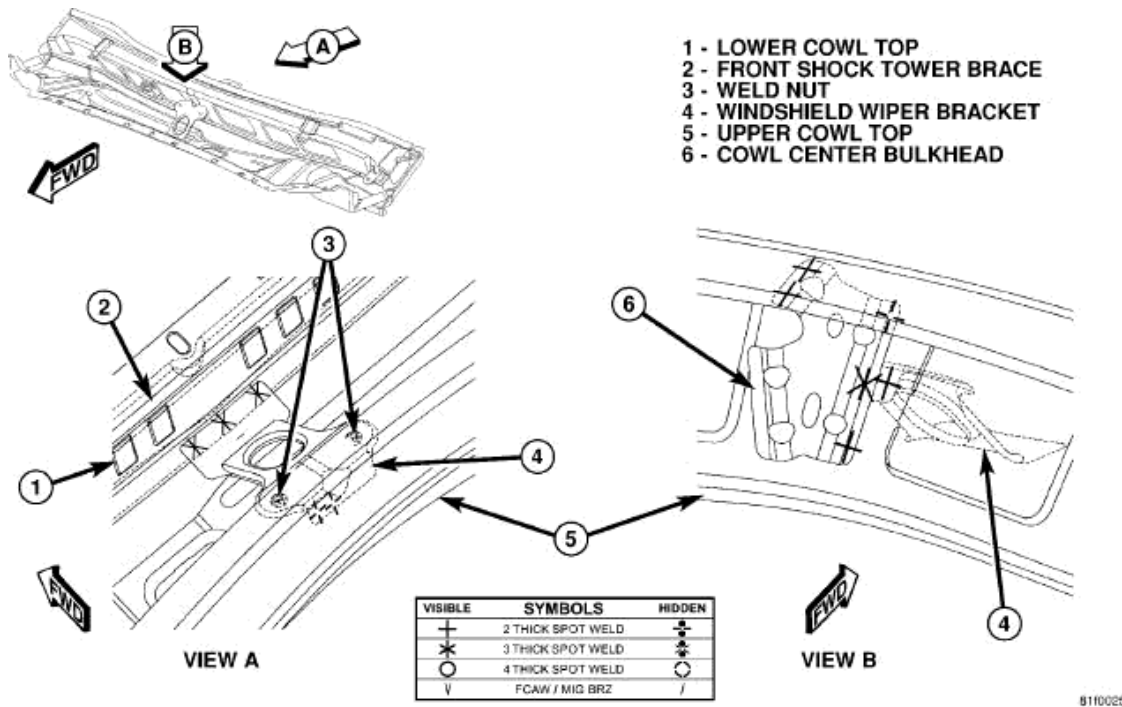


Fig. 333: PLENUM/COWL (5 OF 7)
Courtesy of CHRYSLER LLC

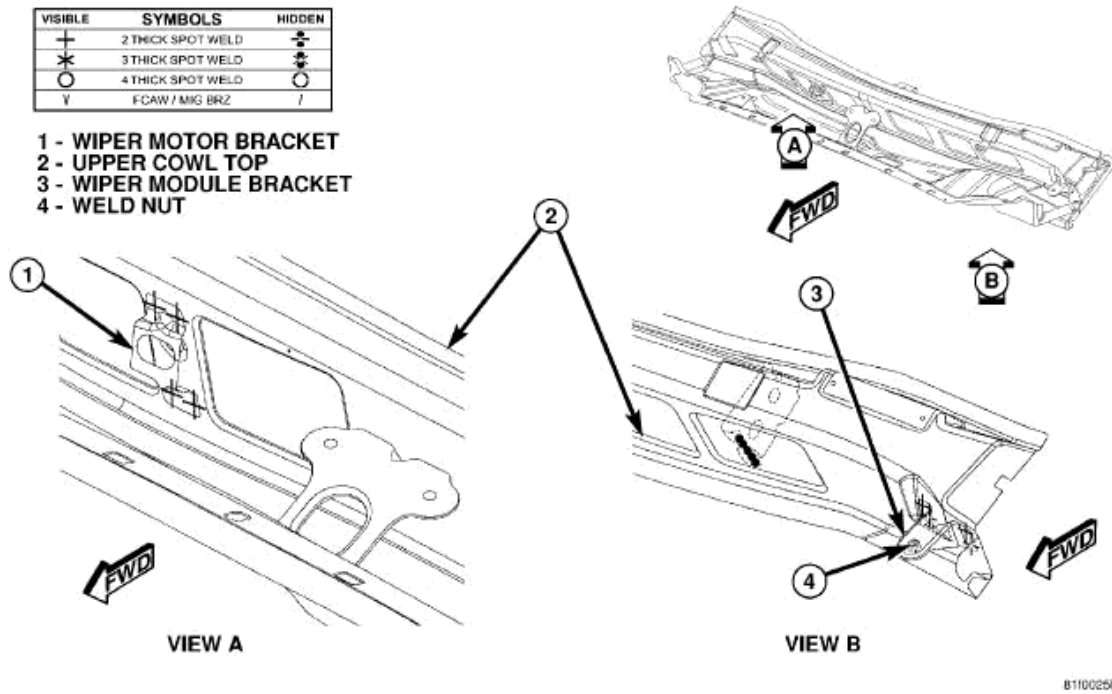


Fig. 334: PLENUM/COWL (6 OF 7)
Courtesy of CHRYSLER LLC

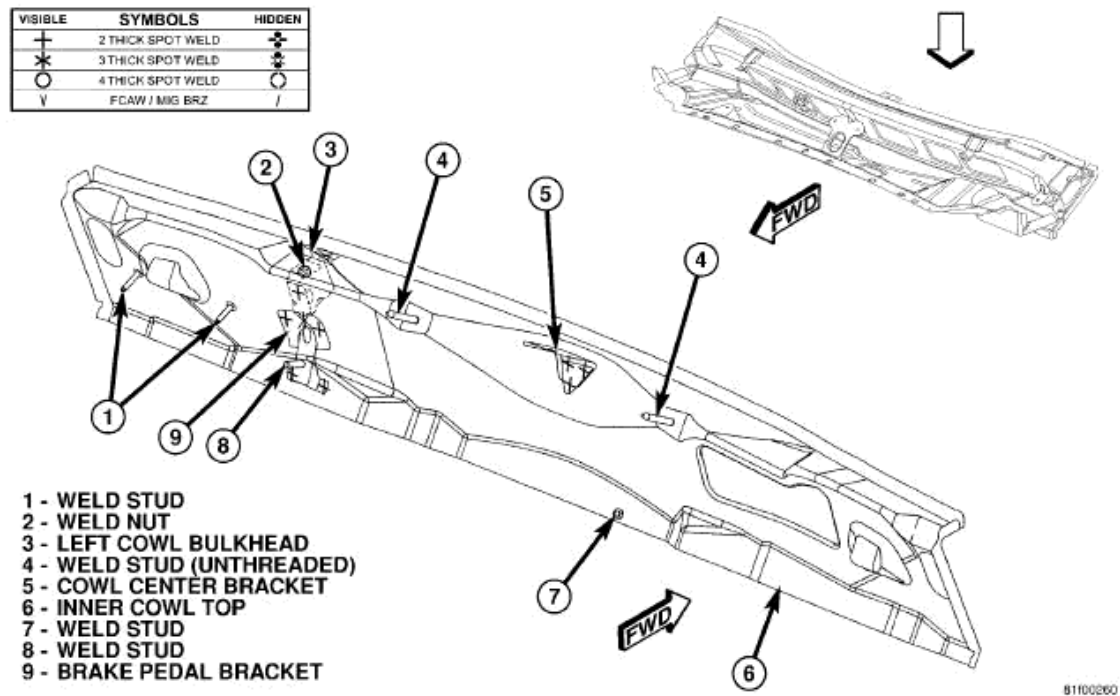
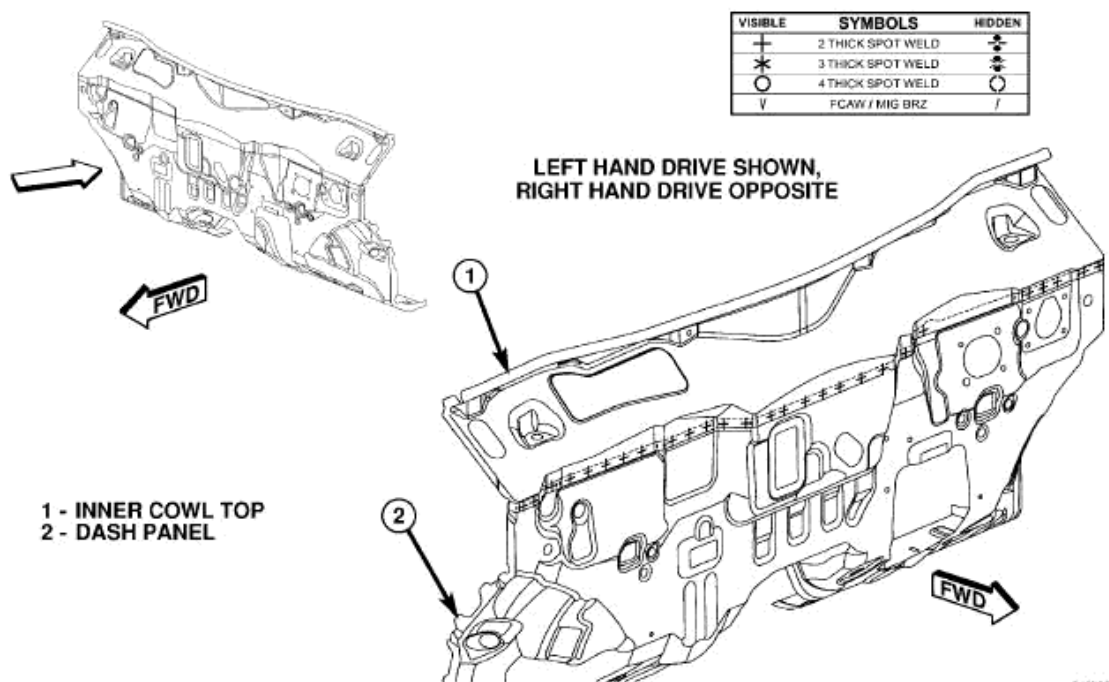


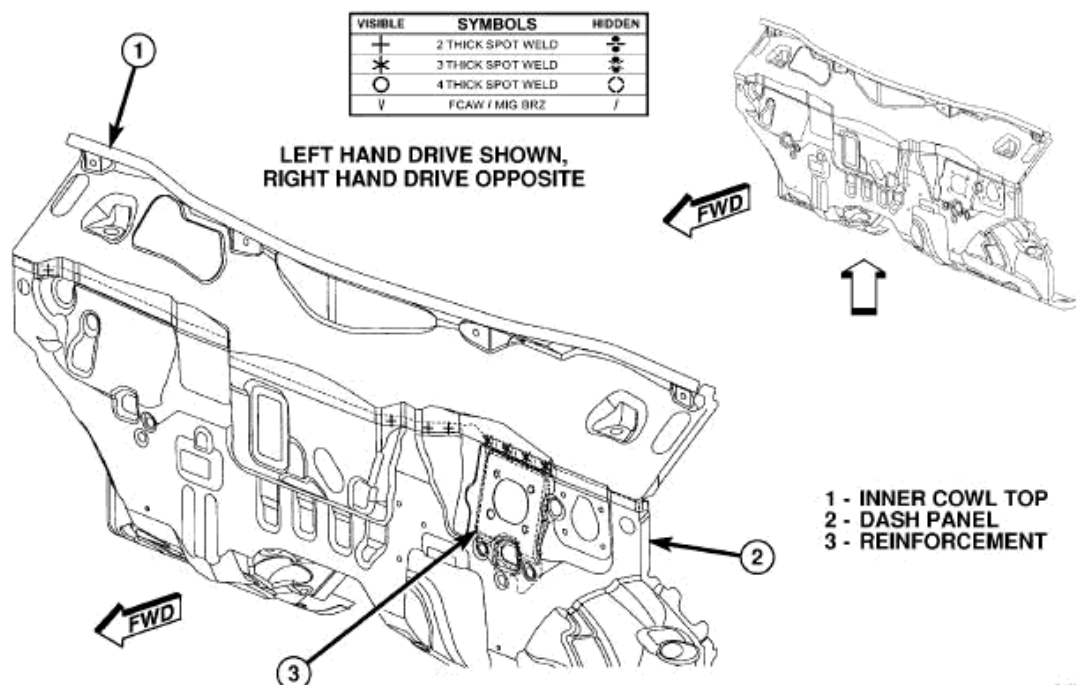
Fig. 335: PLENUM/COWL (7 OF 7)
Courtesy of CHRYSLER LLC



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Fig. 336: PLENUM/DASH (1 OF 2)

Courtesy of CHRYSLER LLC



81100269

Fig. 337: PLENUM/DASH (2 OF 2)

Courtesy of CHRYSLER LLC

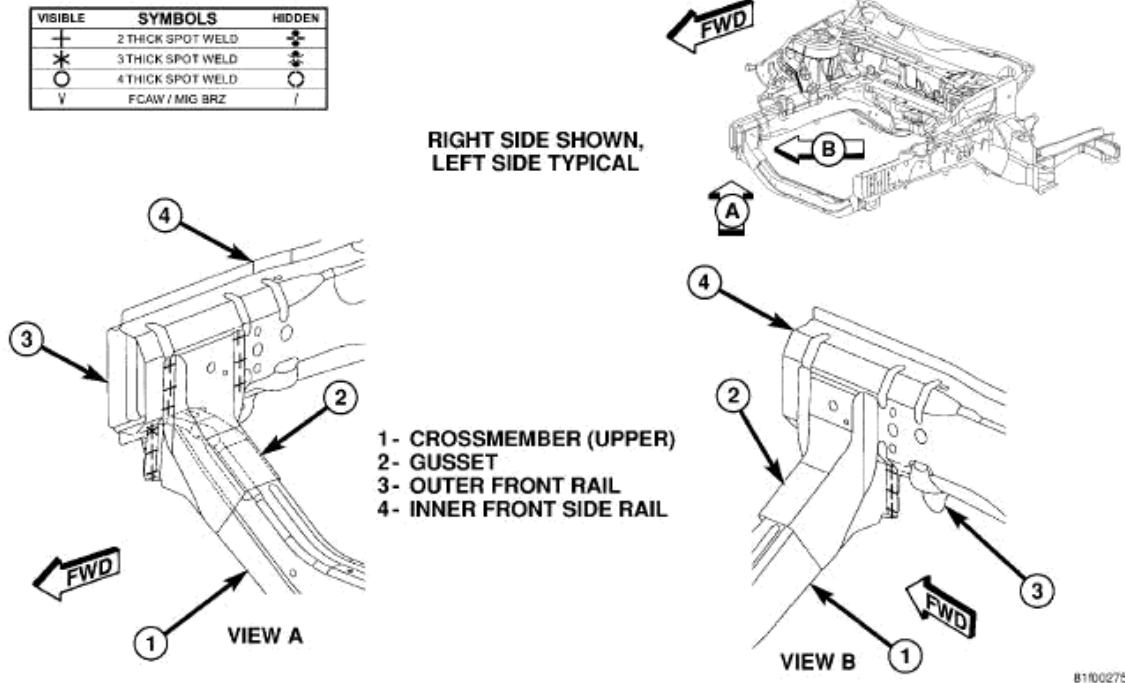


Fig. 338: ENGINE BOX (1 OF 17)
Courtesy of CHRYSLER LLC

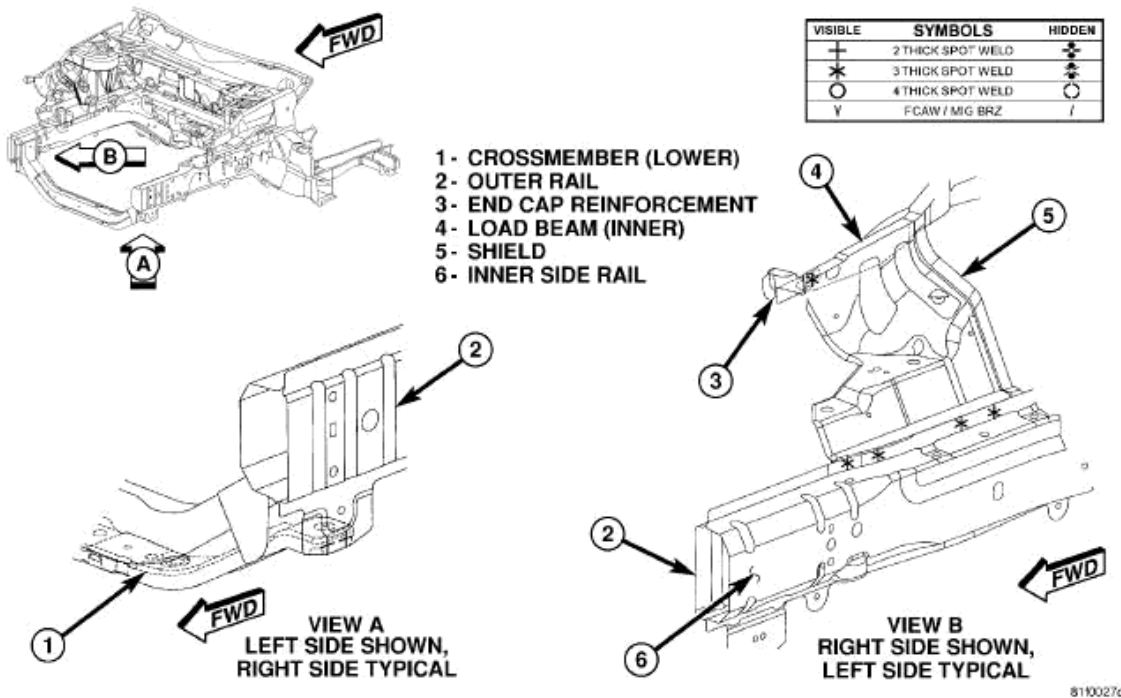
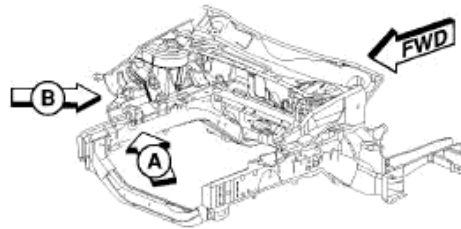
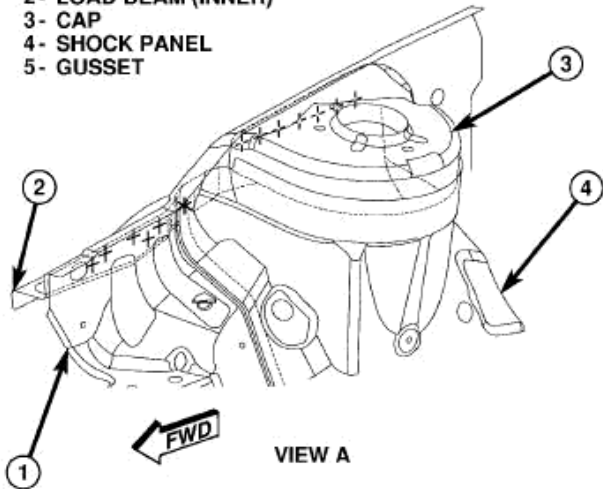


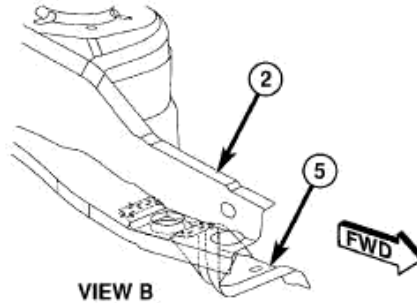
Fig. 339: ENGINE BOX (2 OF 17)
Courtesy of CHRYSLER LLC

VISIBLE	SYMBOLS	HIDDEN
+	2 THICK SPOT WELD	+
*	3 THICK SPOT WELD	*
○	4 THICK SPOT WELD	○
V	FCAW / MIG BRZ	I

- 1- SHIELD
- 2- LOAD BEAM (INNER)
- 3- CAP
- 4- SHOCK PANEL
- 5- GUSSET



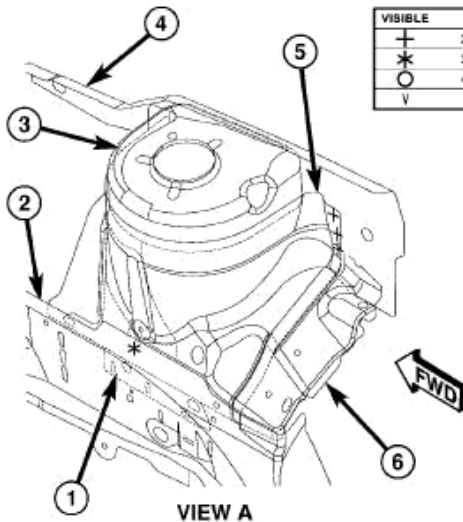
RIGHT SIDE SHOWN,
LEFT SIDE TYPICAL



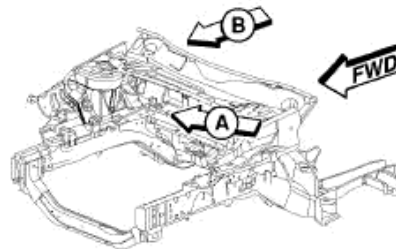
81/00281

Fig. 340: ENGINE BOX (3 OF 17)
Courtesy of CHRYSLER LLC

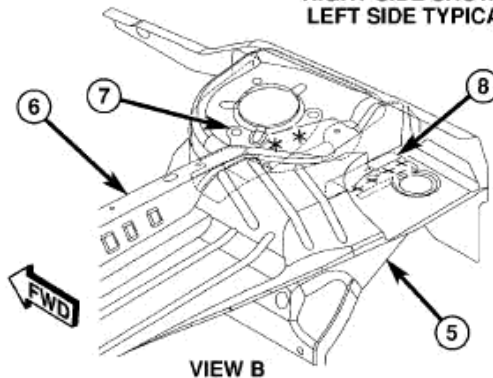
- 1- GUSSET
- 2- OUTER RAIL
- 3- CAP
- 4- INNER LOAD BEAM
- 5- SHOCK PANEL
- 6- LOWER COWL TOP
- 7- GUSSET
- 8- REINFORCEMENT



VISIBLE	SYMBOLS	HIDDEN
+	2 THICK SPOT WELD	+
*	3 THICK SPOT WELD	*
○	4 THICK SPOT WELD	○
V	FCAW / MIG BRZ	I



RIGHT SIDE SHOWN,
LEFT SIDE TYPICAL



81/00285

Fig. 341: ENGINE BOX (4 OF 17)
Courtesy of CHRYSLER LLC

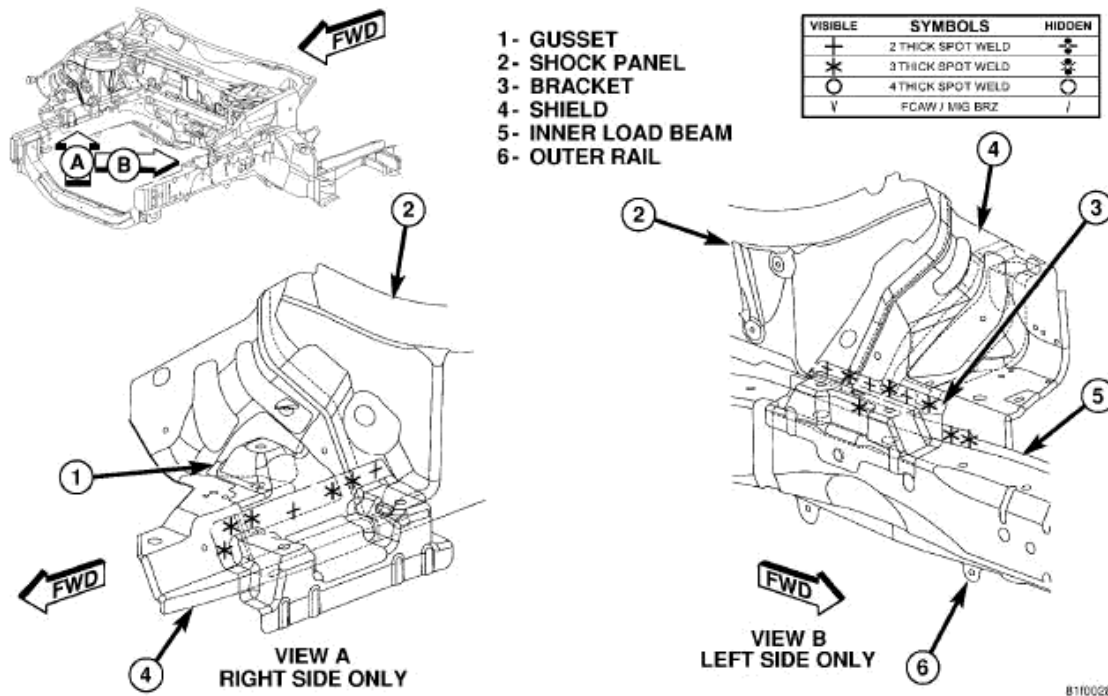


Fig. 342: ENGINE BOX (5 OF 17)
Courtesy of CHRYSLER LLC

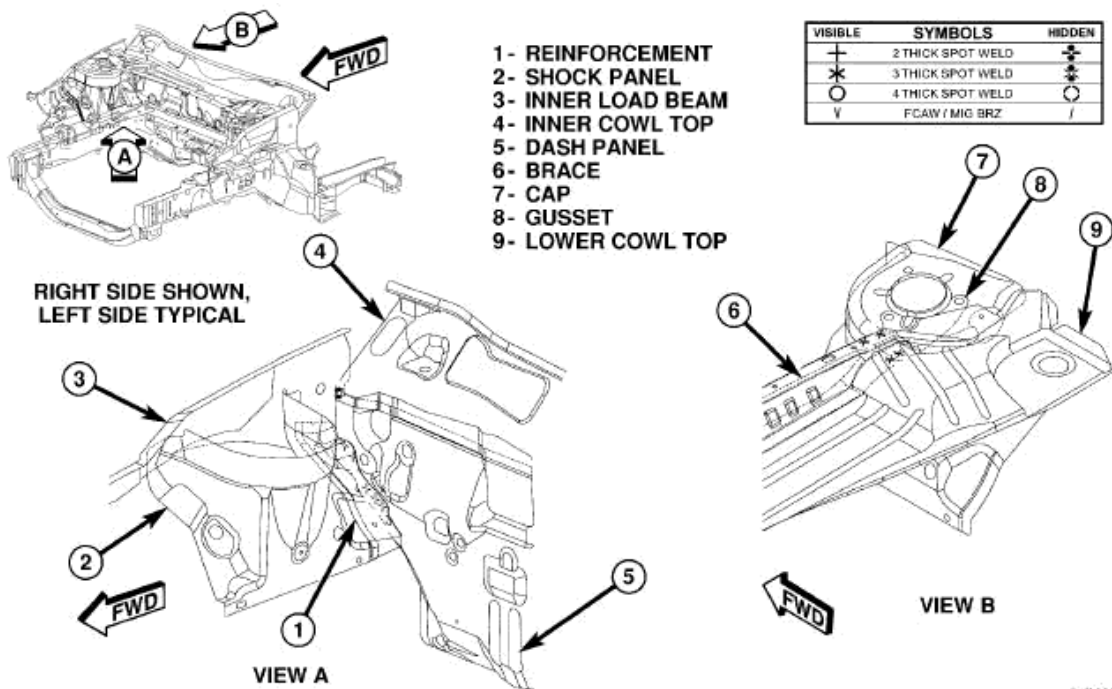


Fig. 343: ENGINE BOX (6 OF 17)
Courtesy of CHRYSLER LLC

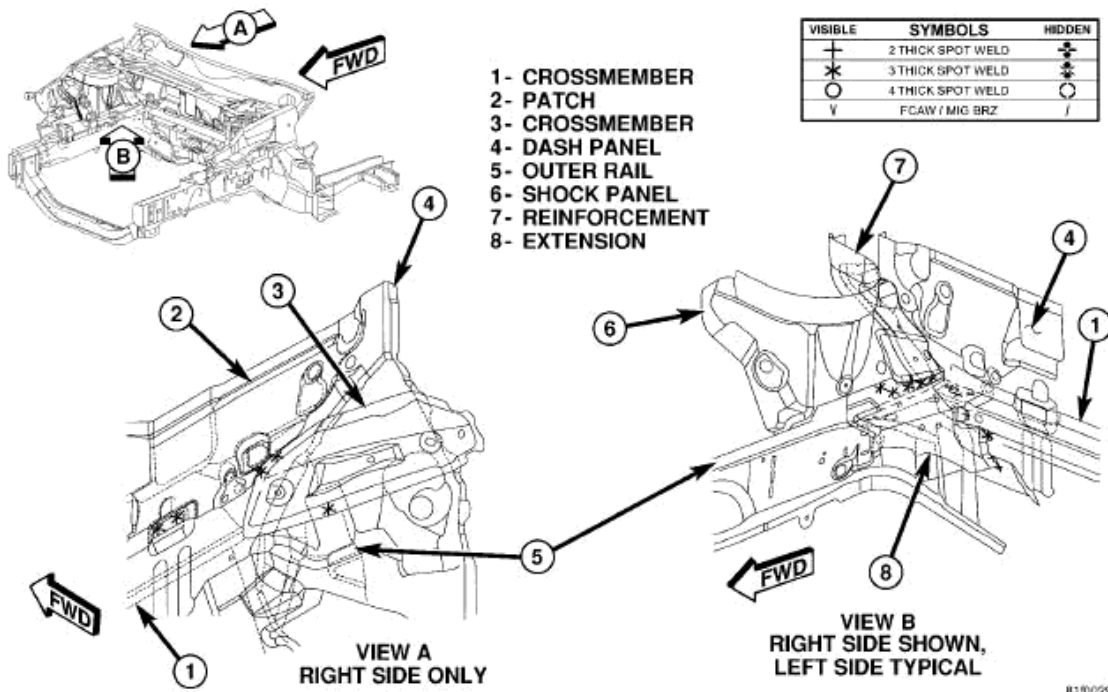


Fig. 344: ENGINE BOX (7 OF 17)
Courtesy of CHRYSLER LLC

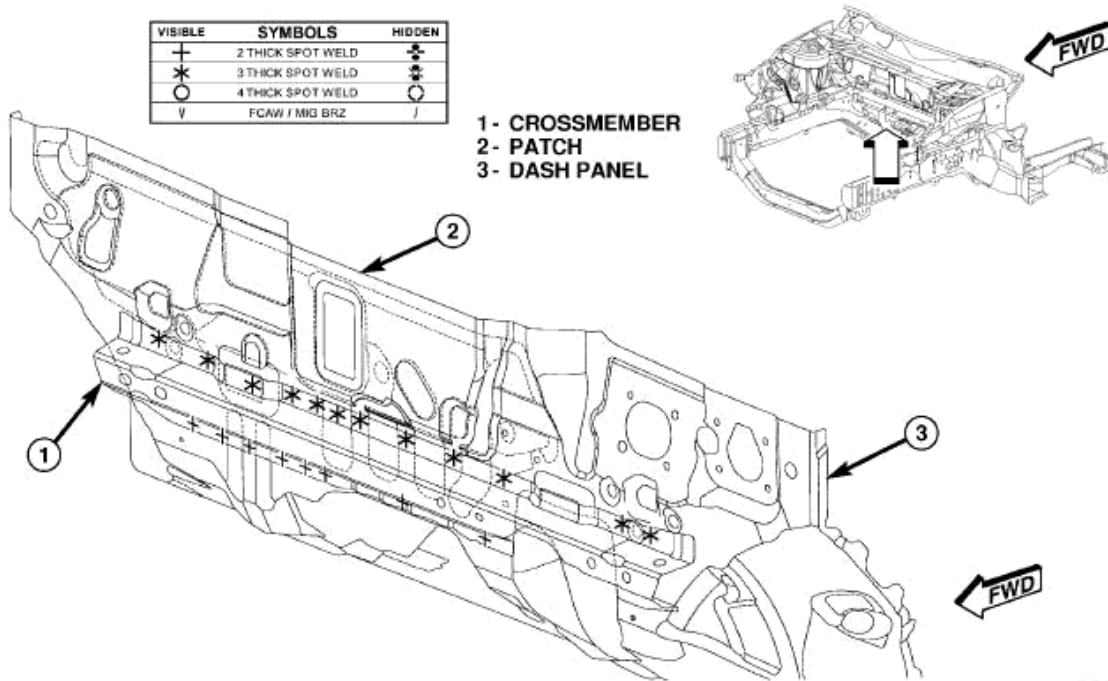
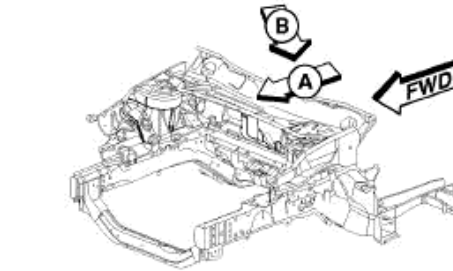
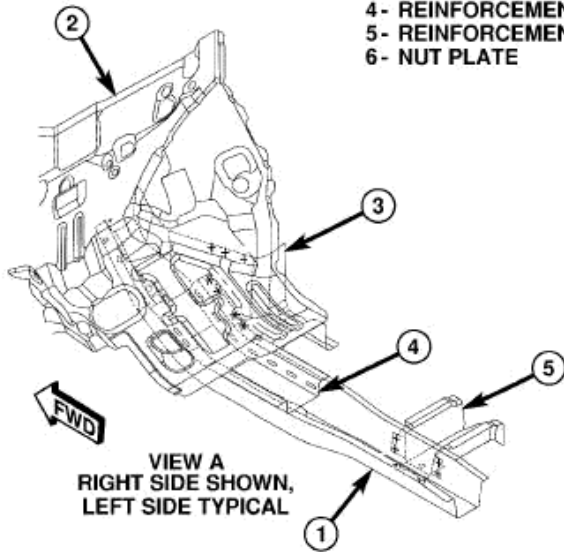


Fig. 345: ENGINE BOX (8 OF 17)
Courtesy of CHRYSLER LLC

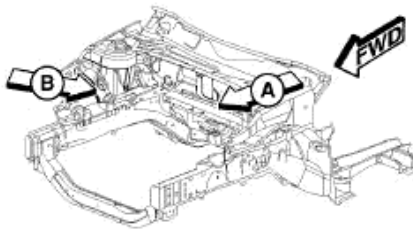
VISIBLE	SYMBOLS	HIDDEN
+	2 THICK SPOT WELD	+
*	3 THICK SPOT WELD	*
○	4 THICK SPOT WELD	○
V	FCAW / MIG BRZ	I

- 1- EXTENSION
- 2- DASH PANEL
- 3- BRACE
- 4- REINFORCEMENT
- 5- REINFORCEMENT
- 6- NUT PLATE



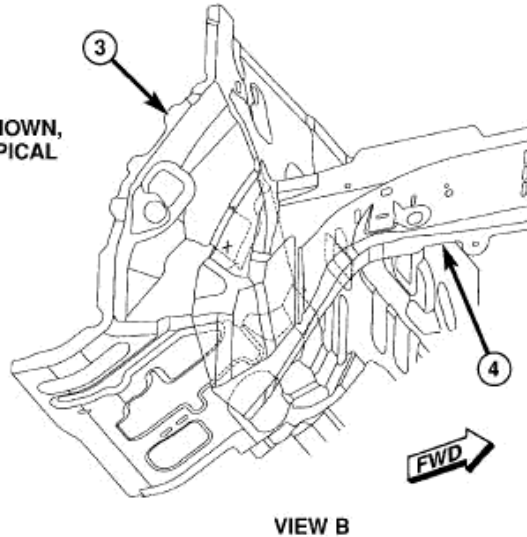
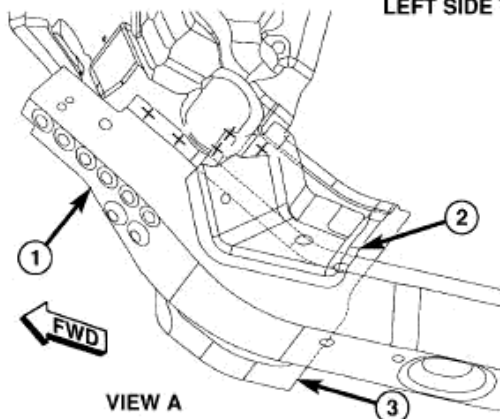
811002ca

Fig. 346: ENGINE BOX (9 OF 17)
Courtesy of CHRYSLER LLC



VISIBLE	SYMBOLS	HIDDEN
+	2 THICK SPOT WELD	+
*	3 THICK SPOT WELD	*
○	4 THICK SPOT WELD	○
V	FCAW / MIG BRZ	I

- 1- EXTENSION
- 2- LOWER DASH EXTENSION
- 3- DASH PANEL
- 4- OUTER RAIL

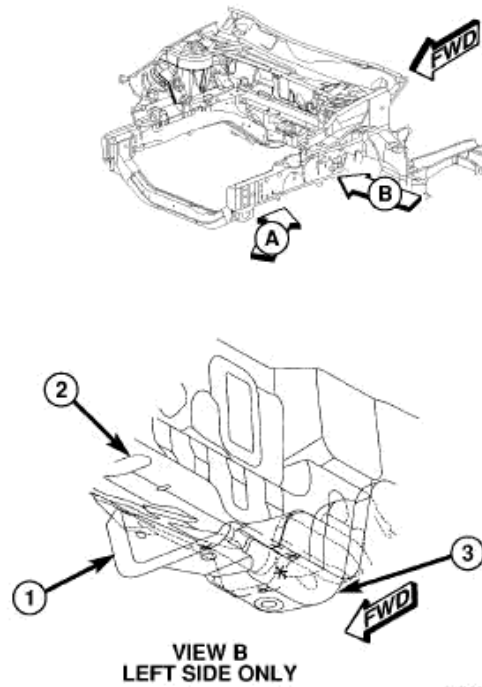
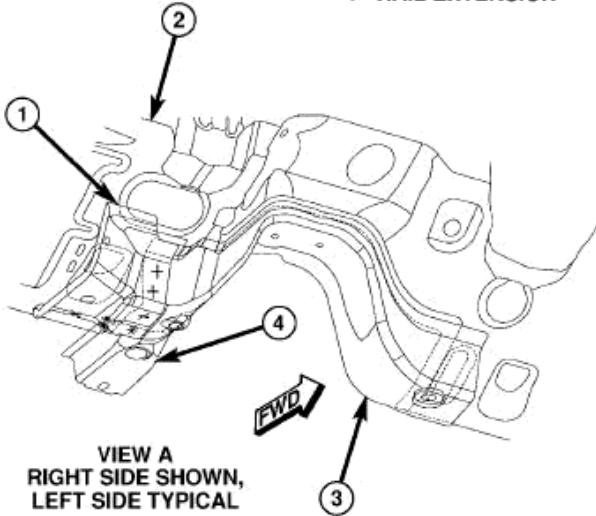


811002d7

Fig. 347: ENGINE BOX (10 OF 17)
Courtesy of CHRYSLER LLC

VISIBLE	SYMBOLS	HIDDEN
+	2 THICK SPOT WELD	+
*	3 THICK SPOT WELD	*
○	4 THICK SPOT WELD	○
V	PCAW / MIG BRZ	/

- 1- EXTENSION
- 2- DASH PANEL
- 3- CROSSMEMBER
- 4- RAIL EXTENSION

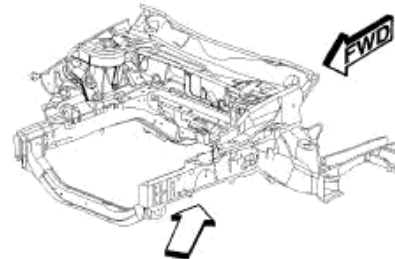
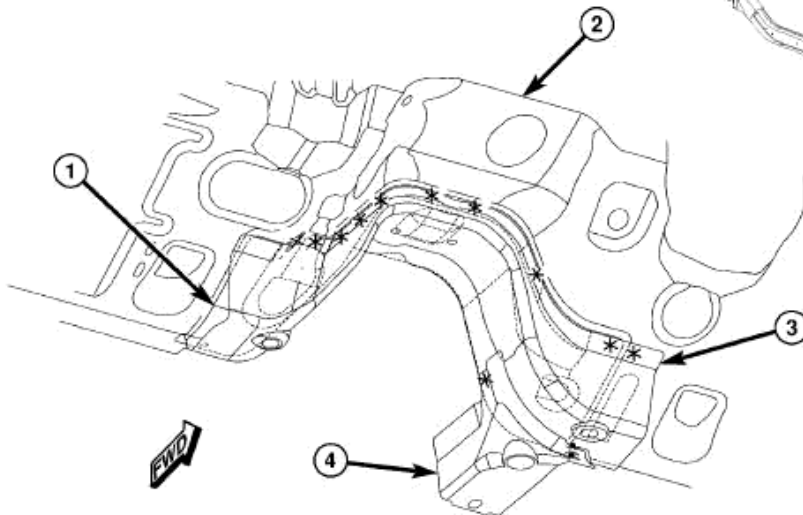


811002db

Fig. 348: ENGINE BOX (11 OF 17)
Courtesy of CHRYSLER LLC

VISIBLE	SYMBOLS	HIDDEN
+	2 THICK SPOT WELD	+
*	3 THICK SPOT WELD	*
○	4 THICK SPOT WELD	○
V	PCAW / MIG BRZ	/

- 1- LOWER DASH PANEL
- 2- DASH PANEL
- 3- CROSSMEMBER
- 4- EXTENSION



81100343

Fig. 349: ENGINE BOX (12 OF 17)
Courtesy of CHRYSLER LLC

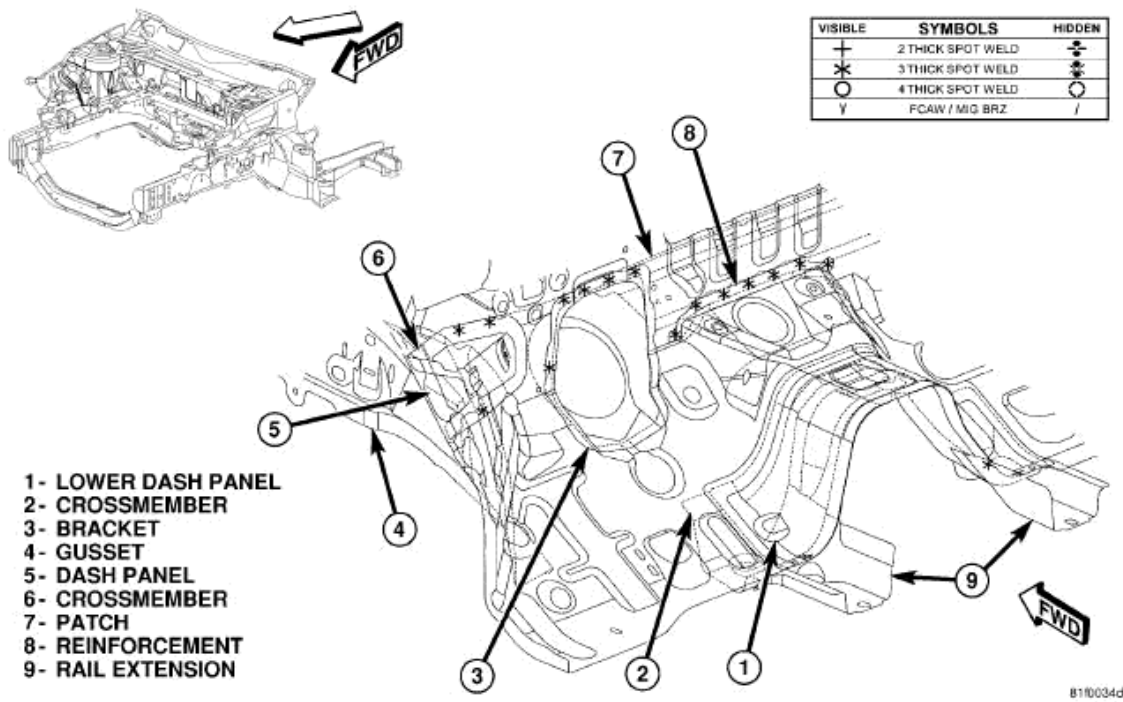


Fig. 350: ENGINE BOX (13 OF 17)
 Courtesy of CHRYSLER LLC

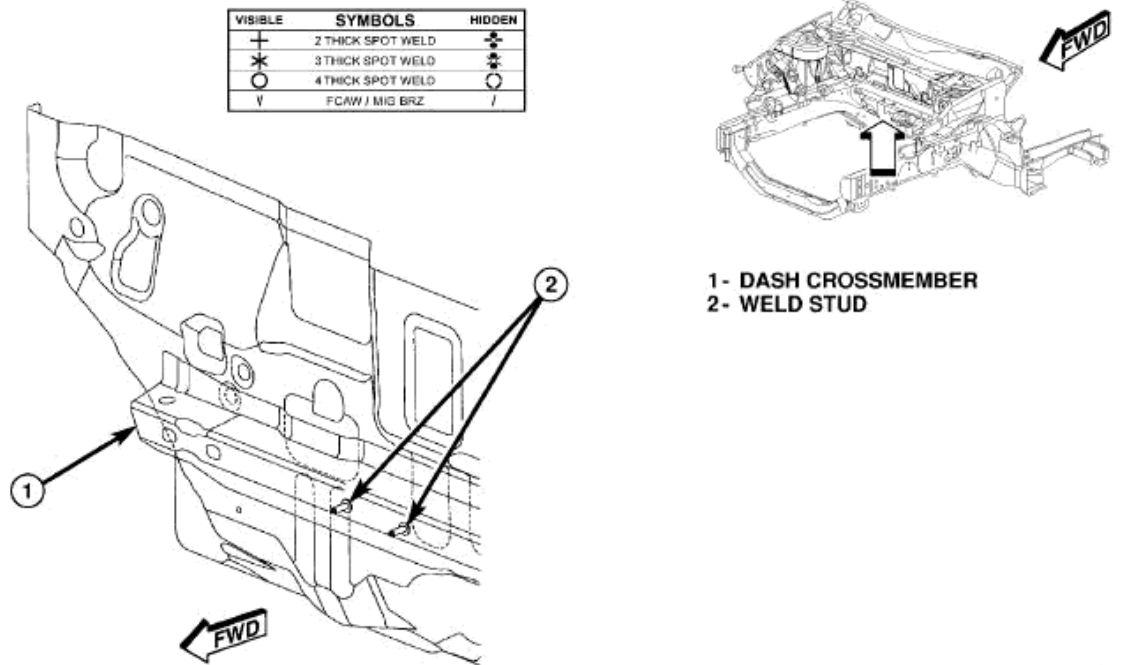


Fig. 351: ENGINE BOX (14 OF 17)
 Courtesy of CHRYSLER LLC

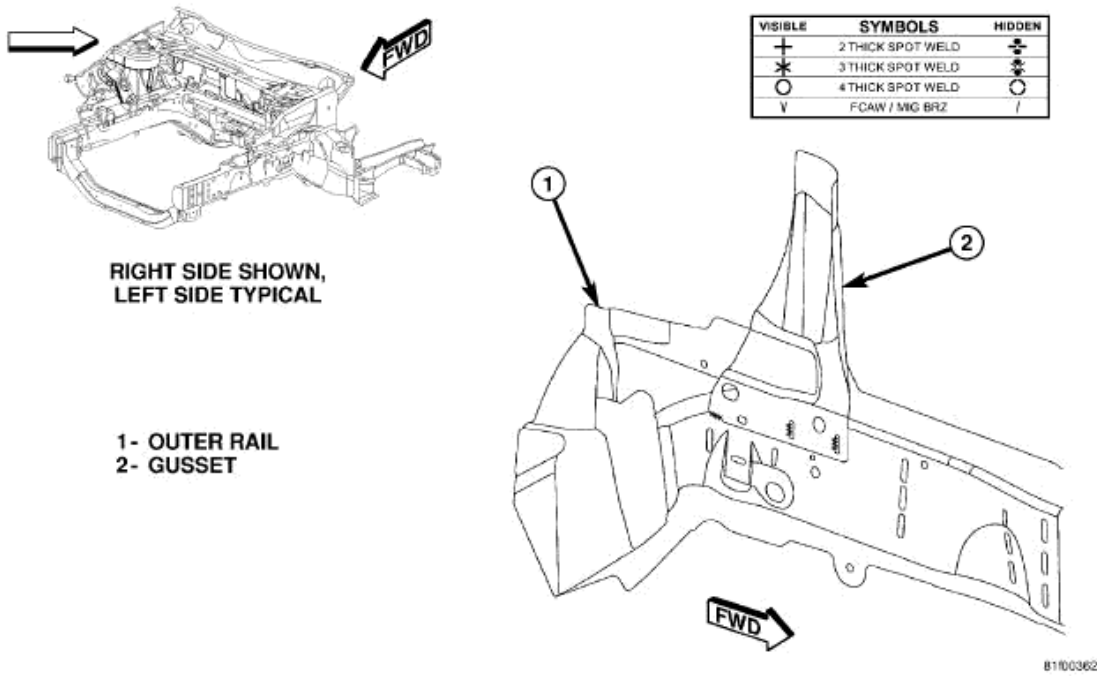


Fig. 352: ENGINE BOX (15 OF 17)
Courtesy of CHRYSLER LLC

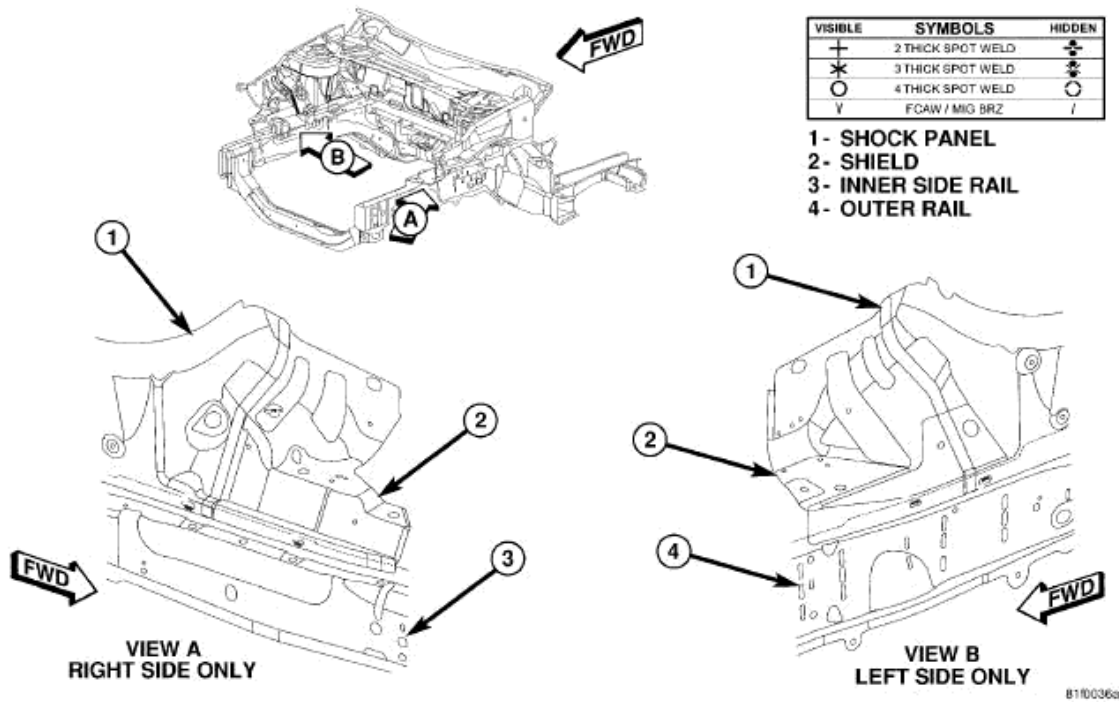


Fig. 353: ENGINE BOX (16 OF 17)
Courtesy of CHRYSLER LLC

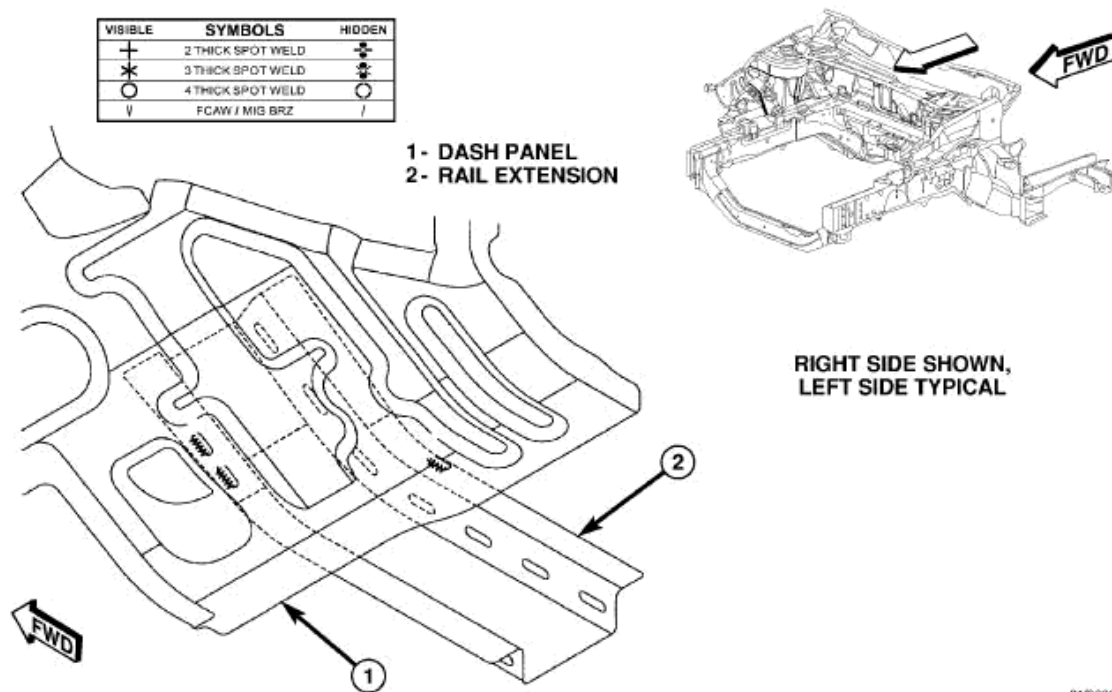


Fig. 354: ENGINE BOX (17 OF 17)
Courtesy of CHRYSLER LLC

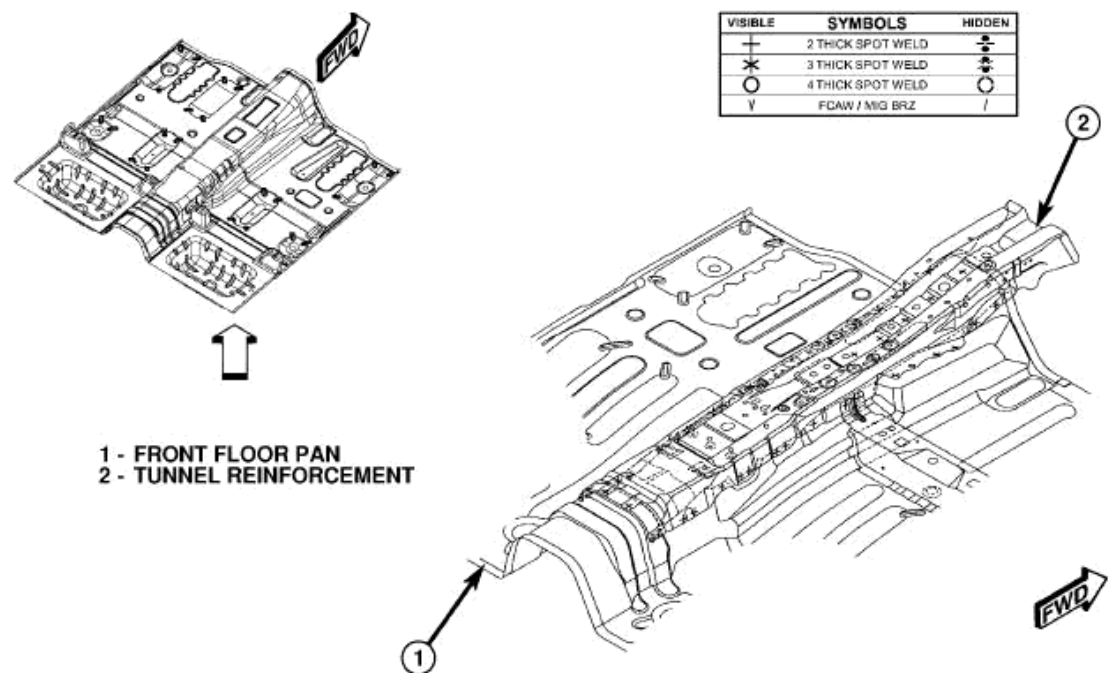
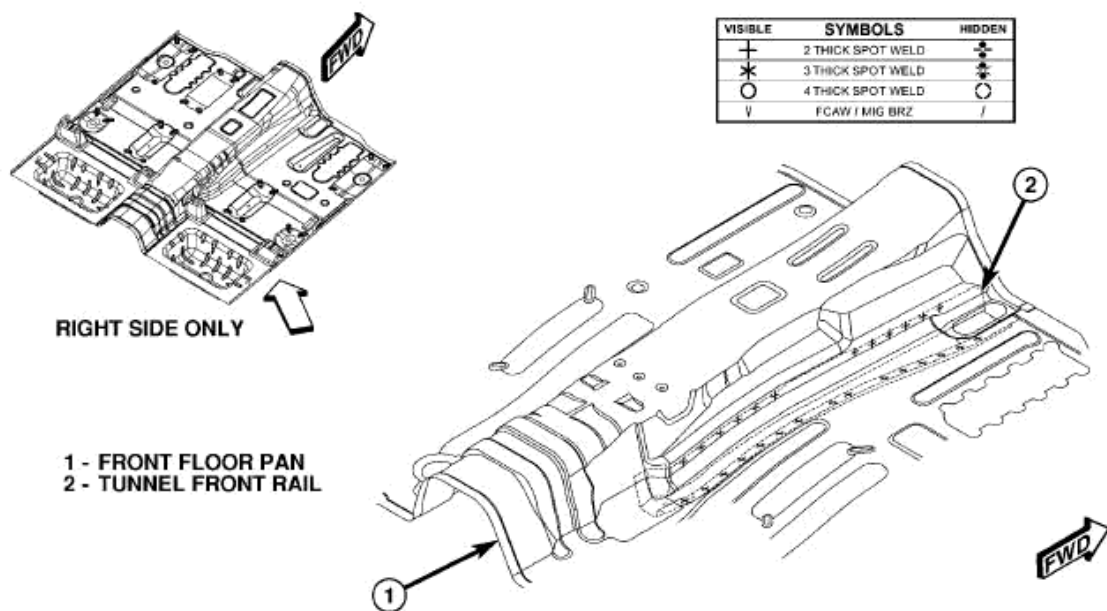
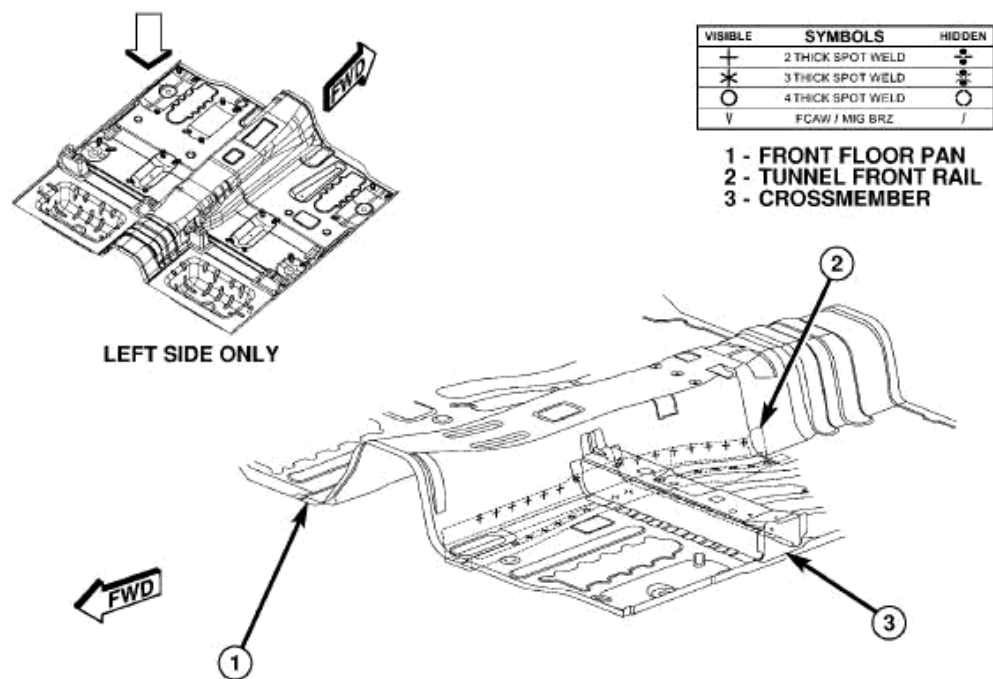


Fig. 355: FRONT FLOOR (1 OF 7)
Courtesy of CHRYSLER LLC



81100377

Fig. 356: FRONT FLOOR (2 OF 7)
Courtesy of CHRYSLER LLC



81100375

Fig. 357: FRONT FLOOR (3 OF 7)
Courtesy of CHRYSLER LLC

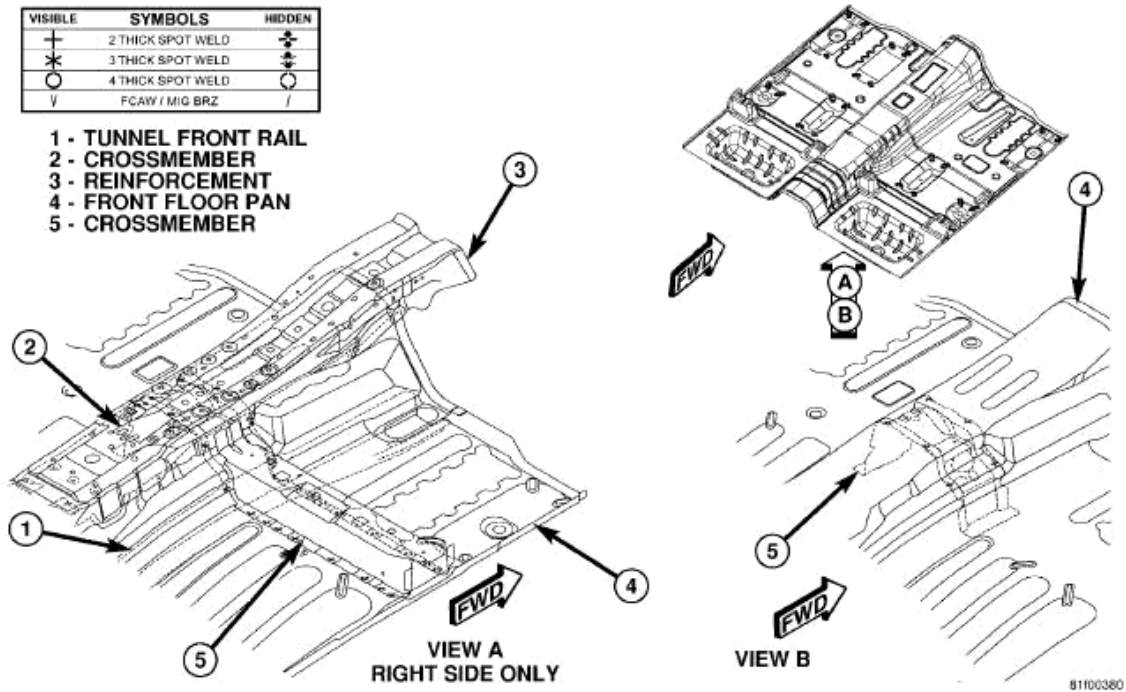


Fig. 358: FRONT FLOOR (4 OF 7)
Courtesy of CHRYSLER LLC

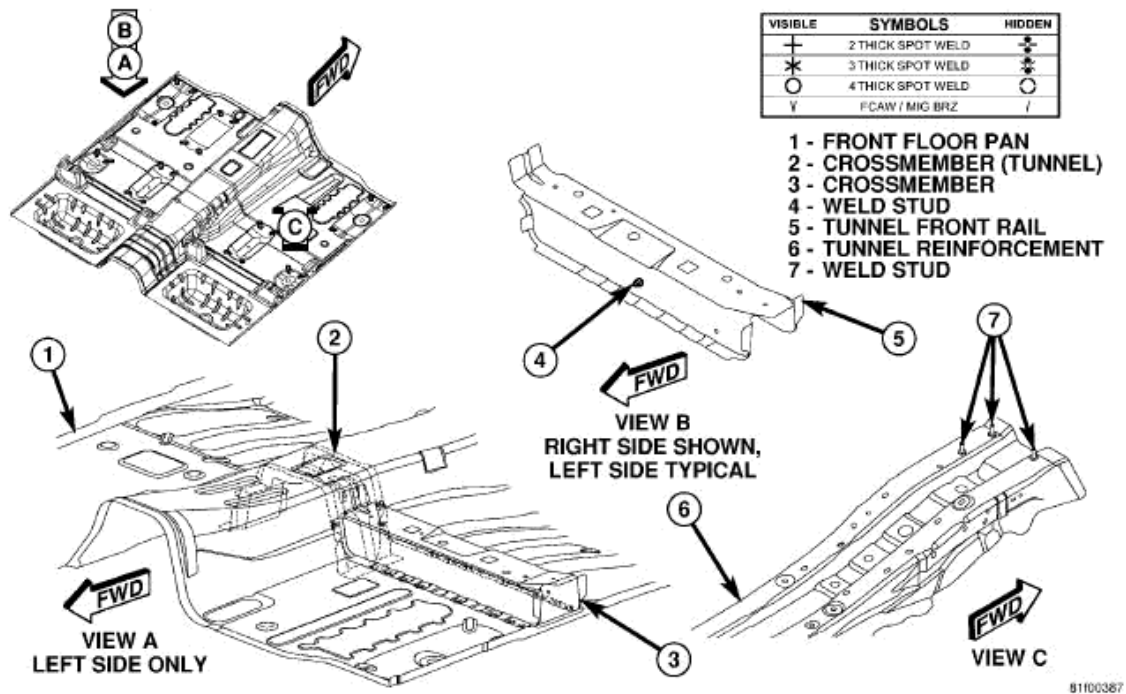


Fig. 359: FRONT FLOOR (5 OF 7)
Courtesy of CHRYSLER LLC

VISIBLE	SYMBOLS	HIDDEN
+	2 THICK SPOT WELD	+
*	3 THICK SPOT WELD	*
○	4 THICK SPOT WELD	○
Y	FCAW / MIG BRZ	I

- 1 - FRONT FLOOR PAN
- 2 - TUNNEL FRONT RAIL
- 3 - WELD STUD

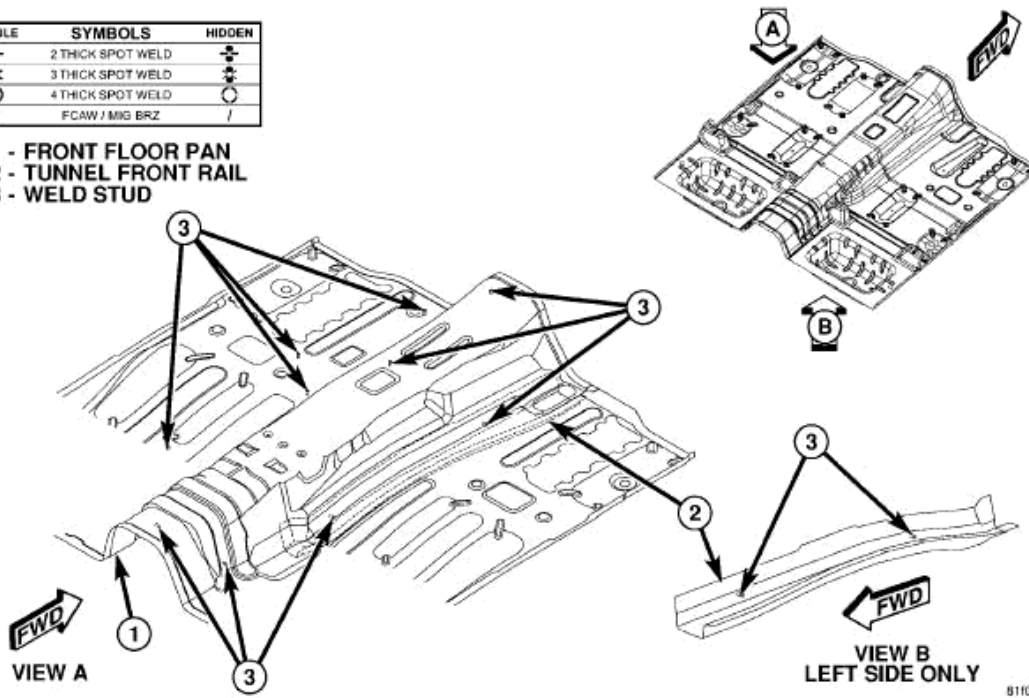


Fig. 360: FRONT FLOOR (6 OF 7)
Courtesy of CHRYSLER LLC

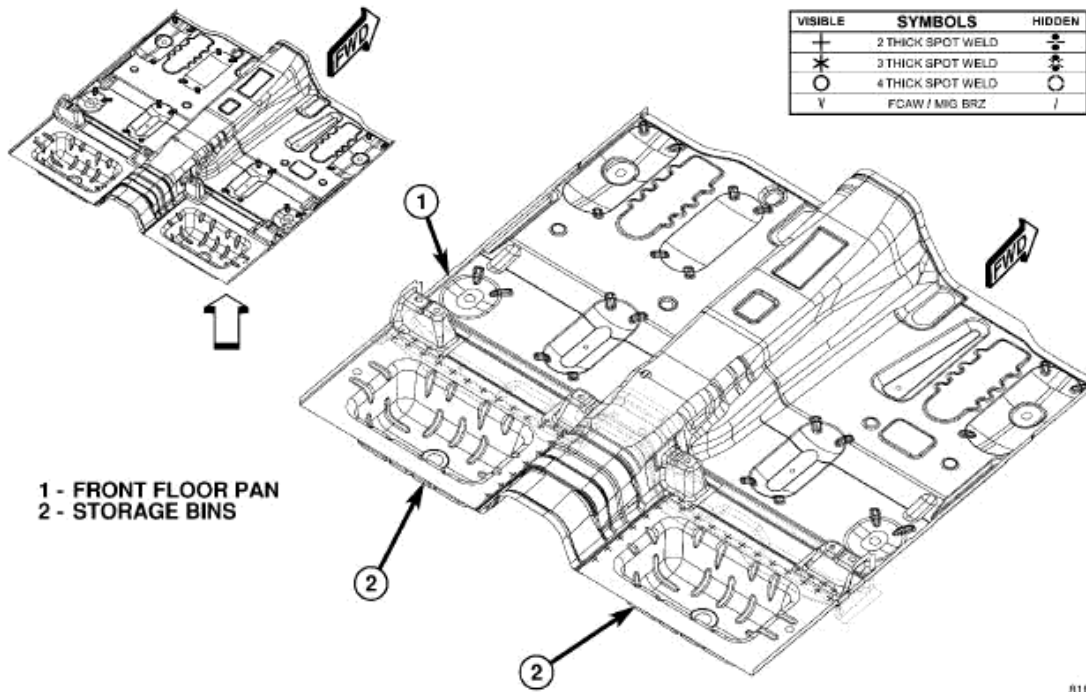


Fig. 361: FRONT FLOOR (7 OF 7)
Courtesy of CHRYSLER LLC

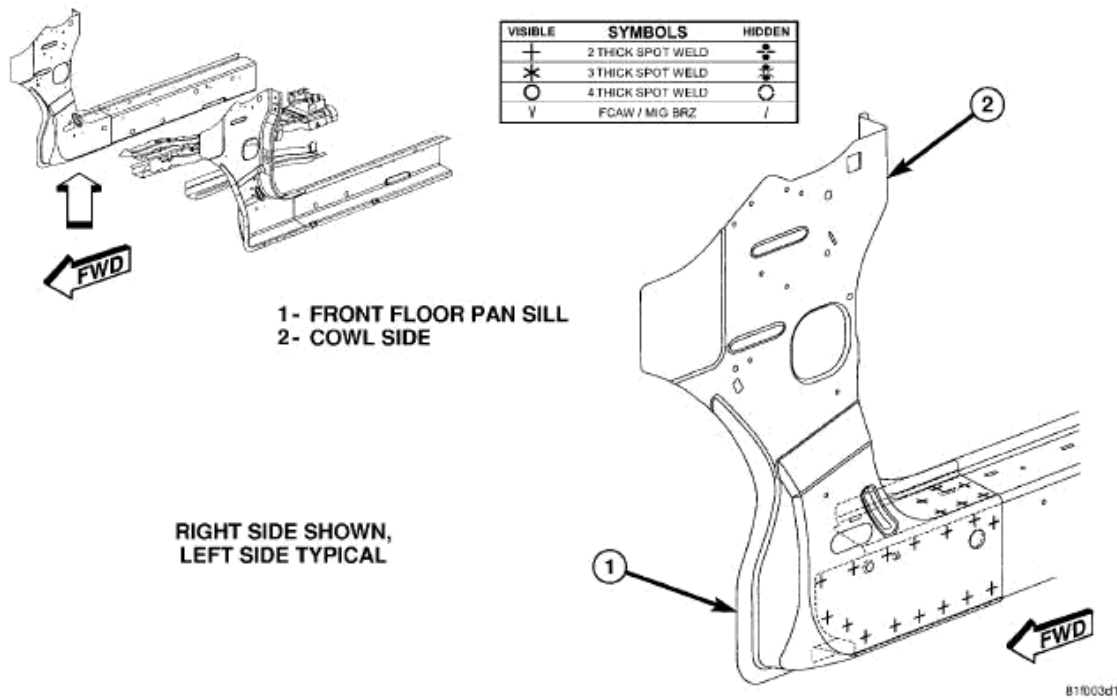


Fig. 362: UNDERBODY (1 OF 5)
Courtesy of CHRYSLER LLC

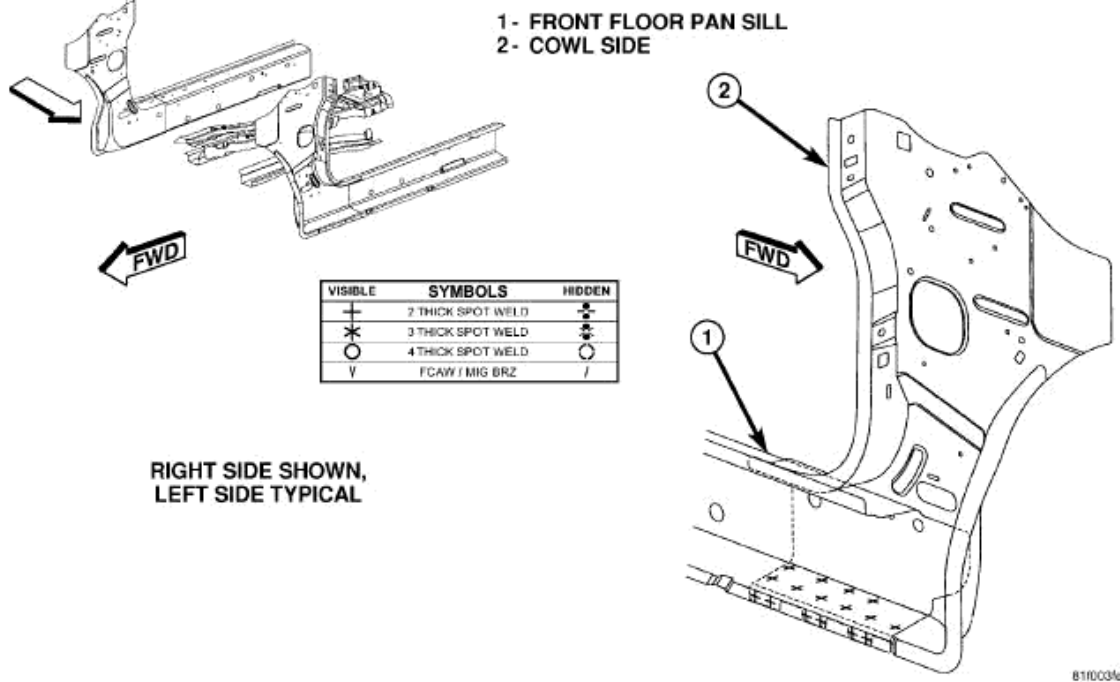
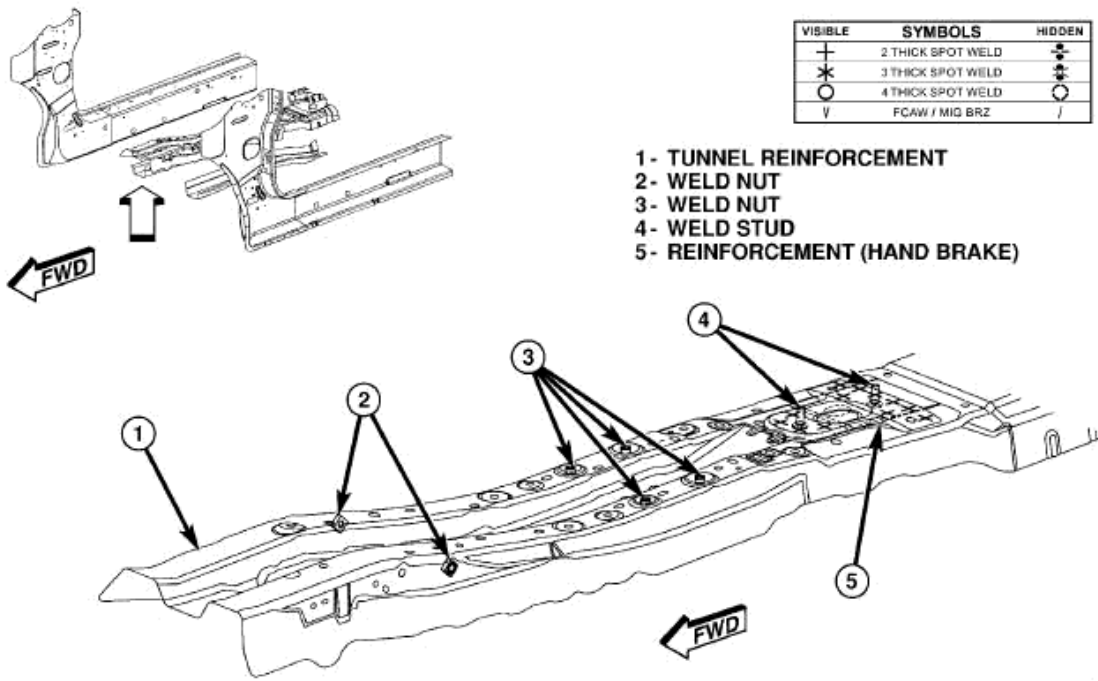
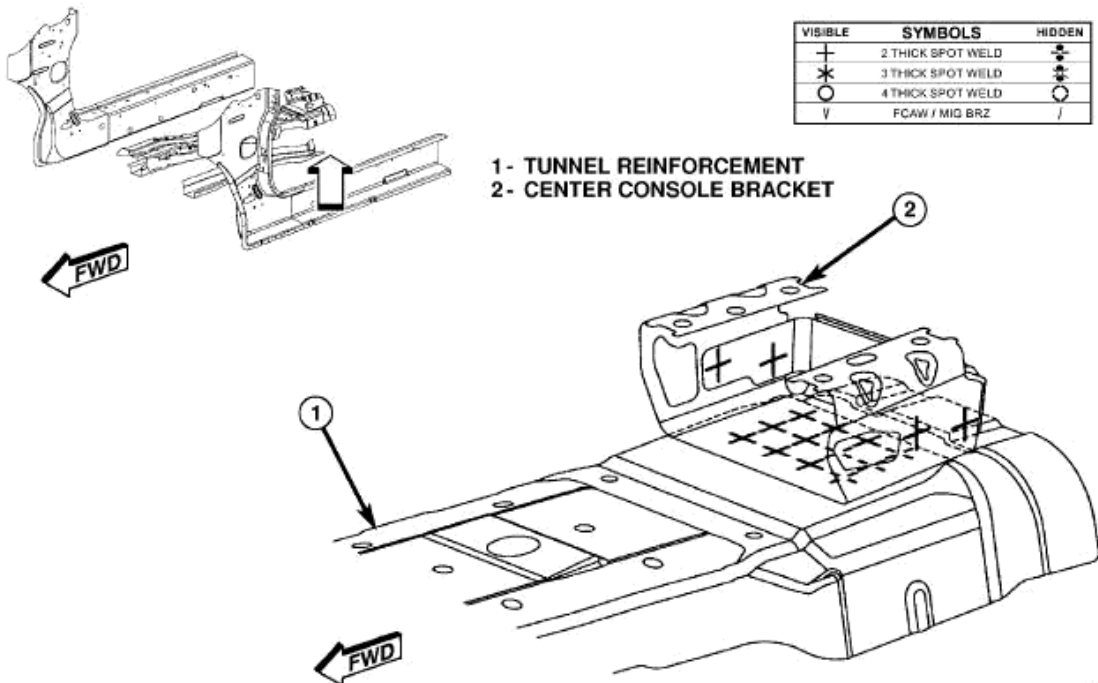


Fig. 363: UNDERBODY (2 OF 5)
Courtesy of CHRYSLER LLC



81/00406

Fig. 364: UNDERBODY (3 OF 5)
Courtesy of CHRYSLER LLC

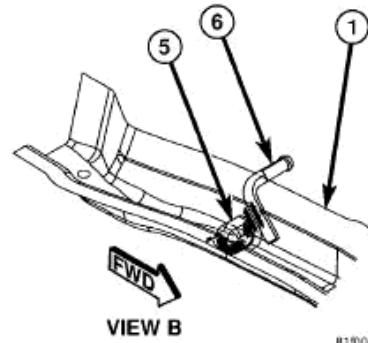
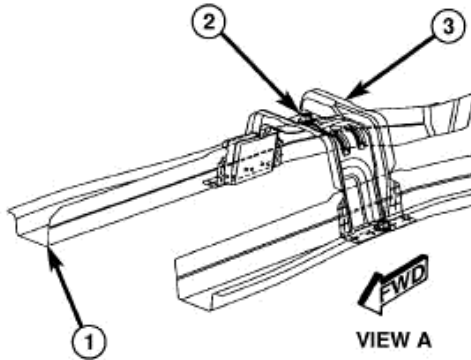
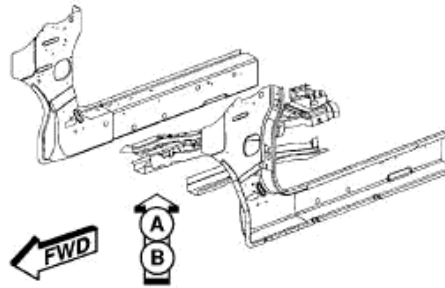


81/00410

Fig. 365: UNDERBODY (4 OF 5)
Courtesy of CHRYSLER LLC

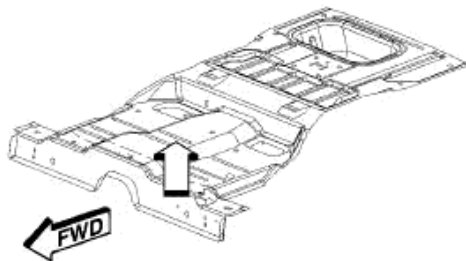
VISIBLE	SYMBOLS	HIDDEN
+	2 THICK SPOT WELD	+
*	3 THICK SPOT WELD	*
○	4 THICK SPOT WELD	○
V	PCAW / MIG BRZ	/

- 1- TUNNEL RAIL (RIGHT)
- 2- WELD NUT
- 3- BRACKET
- 4- TUNNEL RAIL (LEFT)
- 5- BRACKET
- 6- MUFFLER HANGER



B1100414

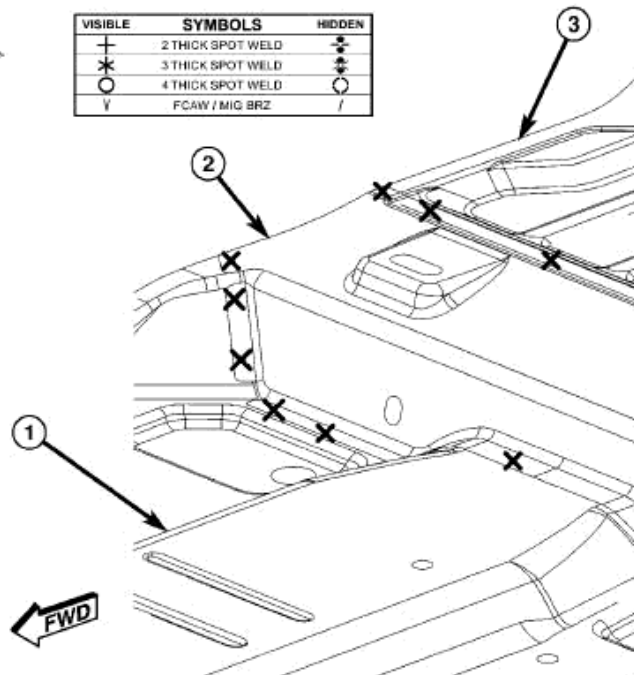
Fig. 366: UNDERBODY (5 OF 5)
Courtesy of CHRYSLER LLC



RIGHT SIDE SHOWN,
LEFT SIDE TYPICAL

- 1- MID FLOOR PAN
- 2- SEAT MOUNT CROSSMEMBER
- 3- REAR FLOOR PAN

VISIBLE	SYMBOLS	HIDDEN
+	2 THICK SPOT WELD	+
*	3 THICK SPOT WELD	*
○	4 THICK SPOT WELD	○
V	PCAW / MIG BRZ	/



B110041d

Fig. 367: UNDERBODY REAR (1 OF 4)
Courtesy of CHRYSLER LLC

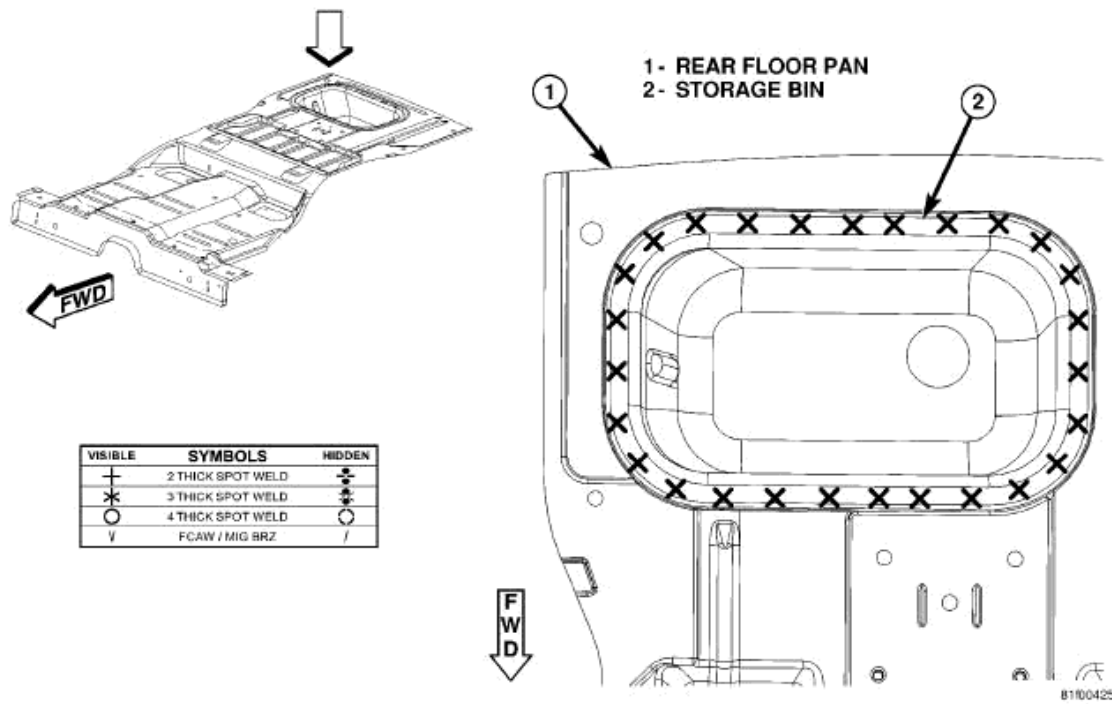


Fig. 368: UNDERBODY REAR (2 OF 4)
Courtesy of CHRYSLER LLC

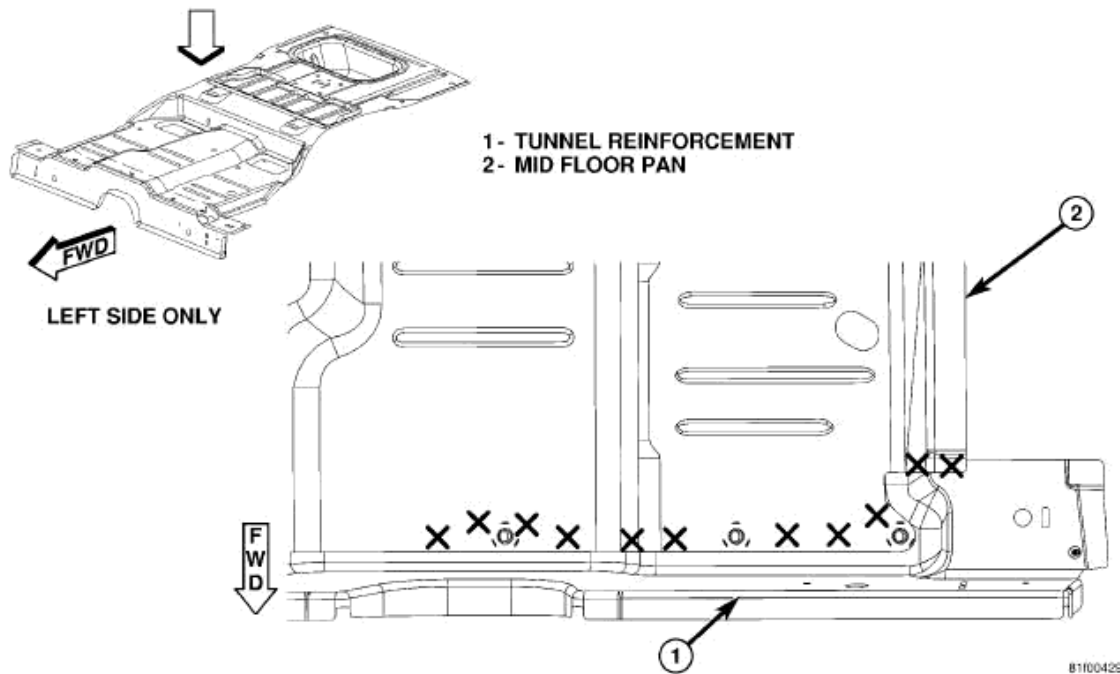


Fig. 369: UNDERBODY REAR (3 OF 4)
Courtesy of CHRYSLER LLC

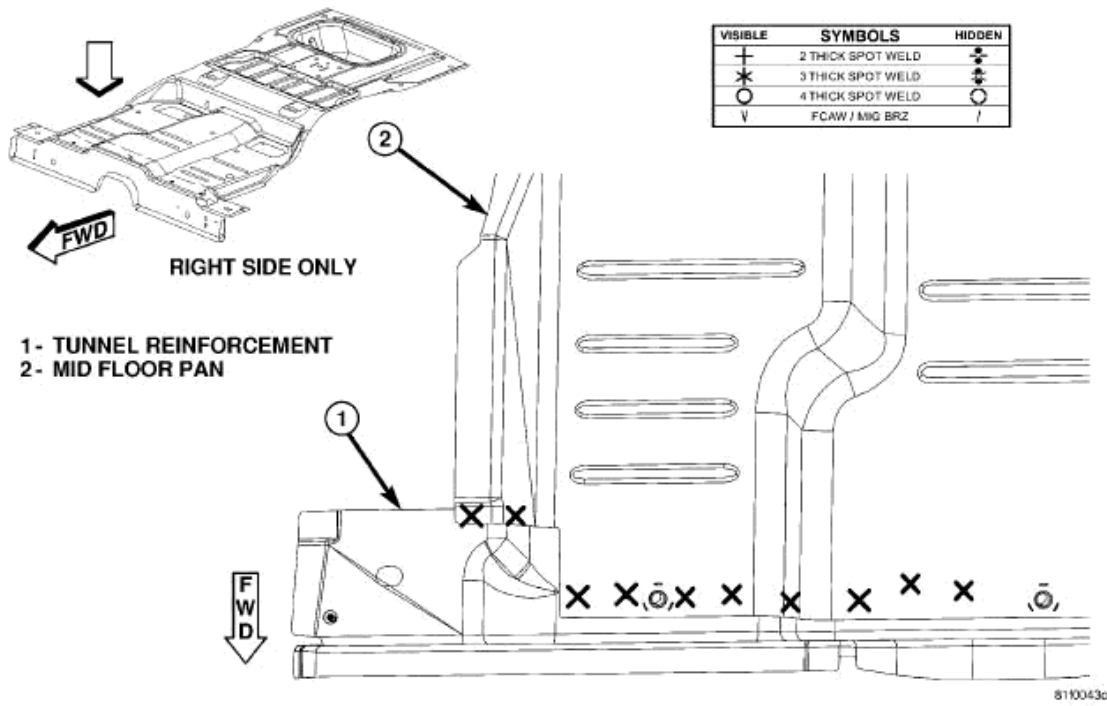


Fig. 370: UNDERBODY REAR (4 OF 4)
Courtesy of CHRYSLER LLC

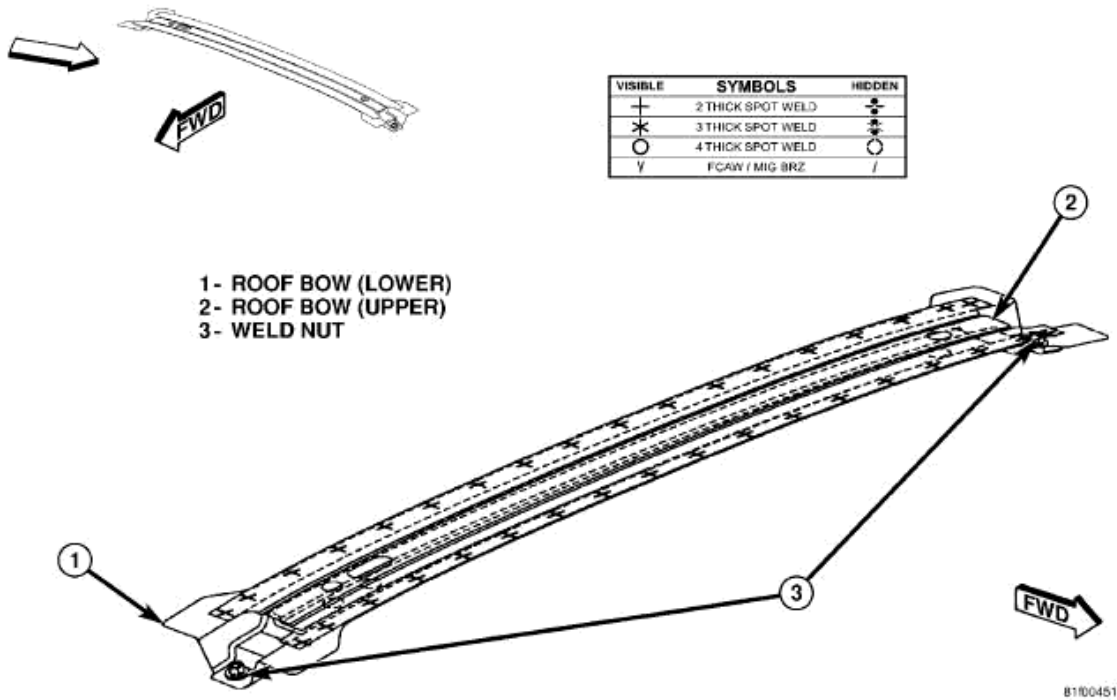


Fig. 371: MISCELLANEOUS BODY
Courtesy of CHRYSLER LLC

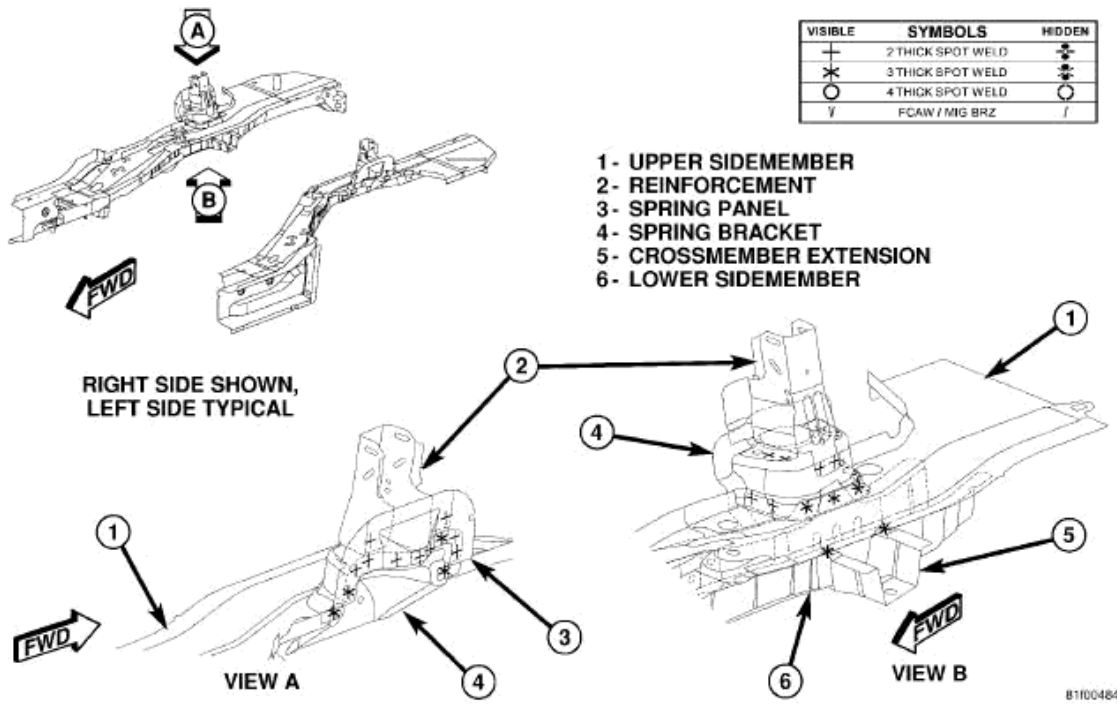


Fig. 372: SIDEMEMBER (1 OF 16)
Courtesy of CHRYSLER LLC

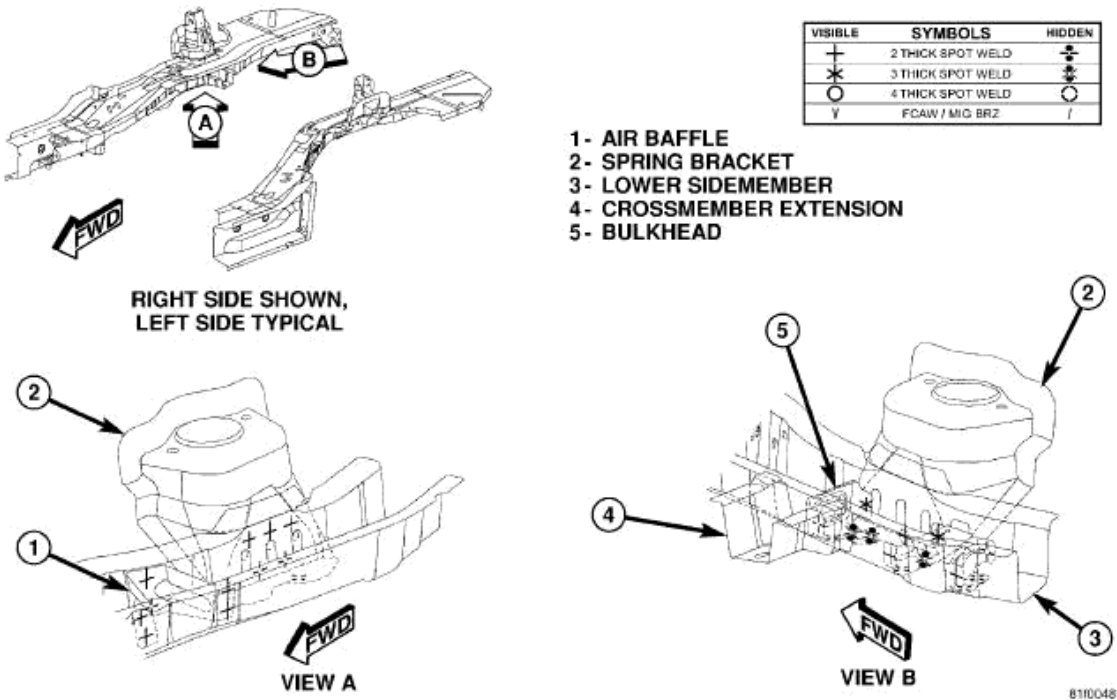


Fig. 373: SIDEMEMBER (2 OF 16)
Courtesy of CHRYSLER LLC

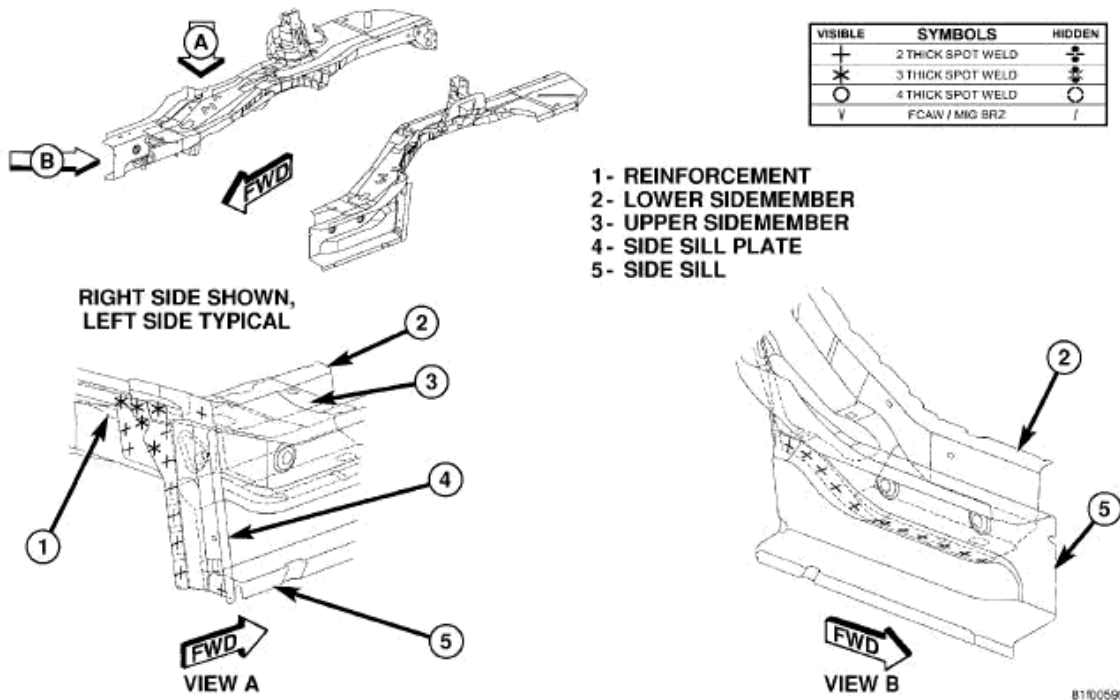


Fig. 374: SIDEMEMBER (3 OF 16)
Courtesy of CHRYSLER LLC

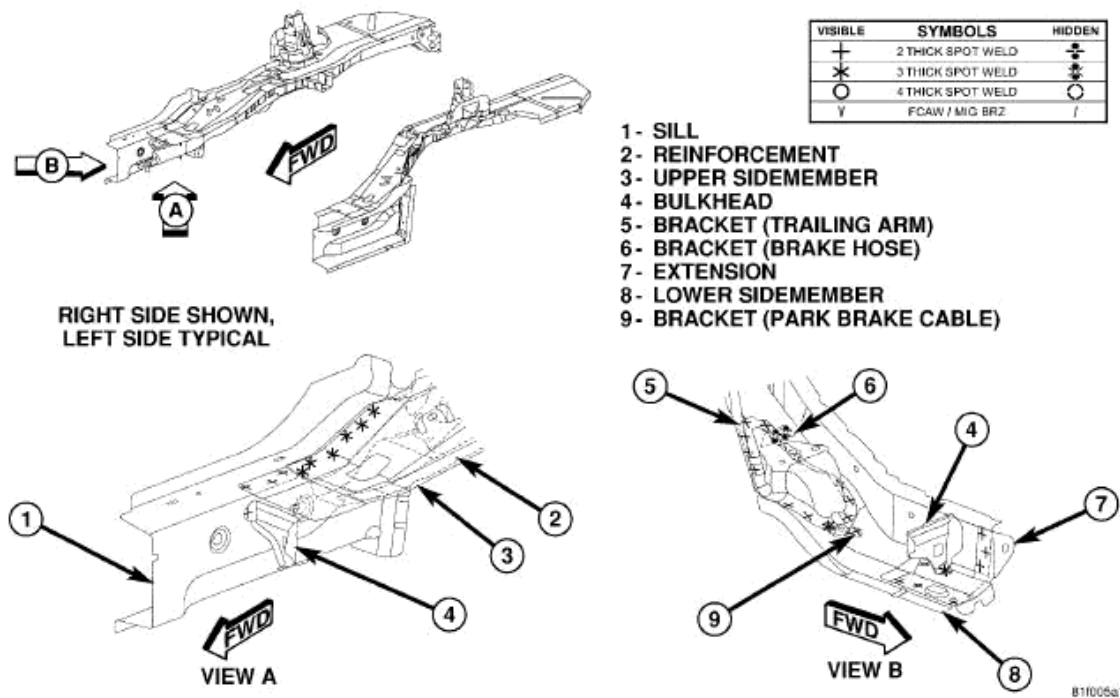


Fig. 375: SIDEMEMBER (4 OF 16)
Courtesy of CHRYSLER LLC

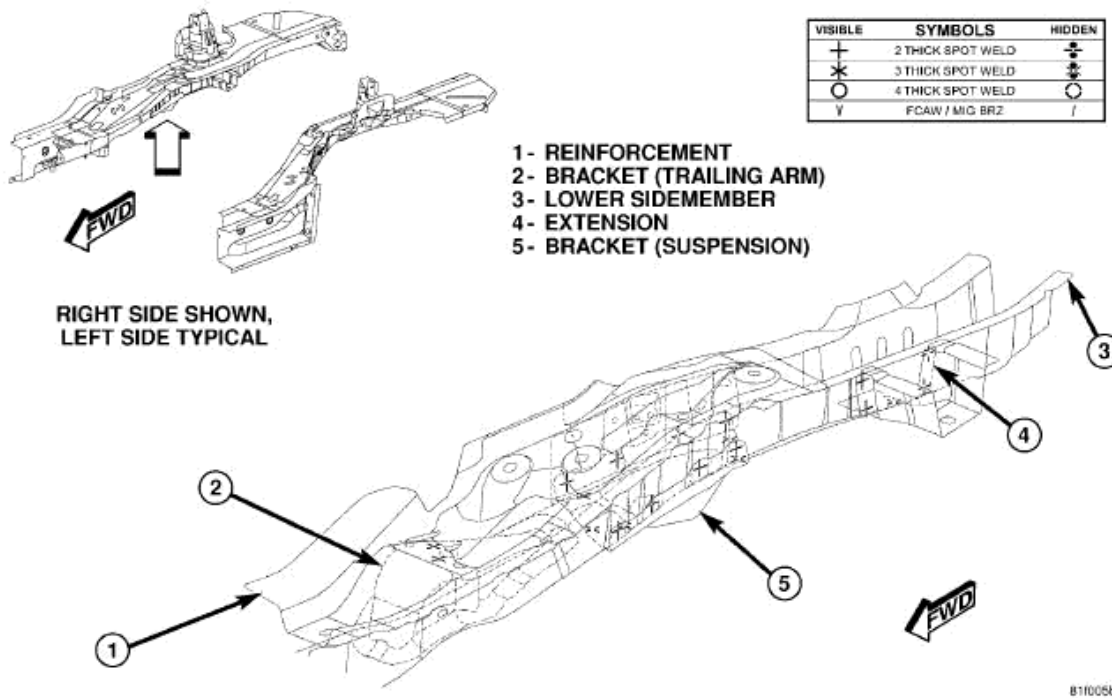


Fig. 376: SIDEMEMBER (5 OF 16)
Courtesy of CHRYSLER LLC

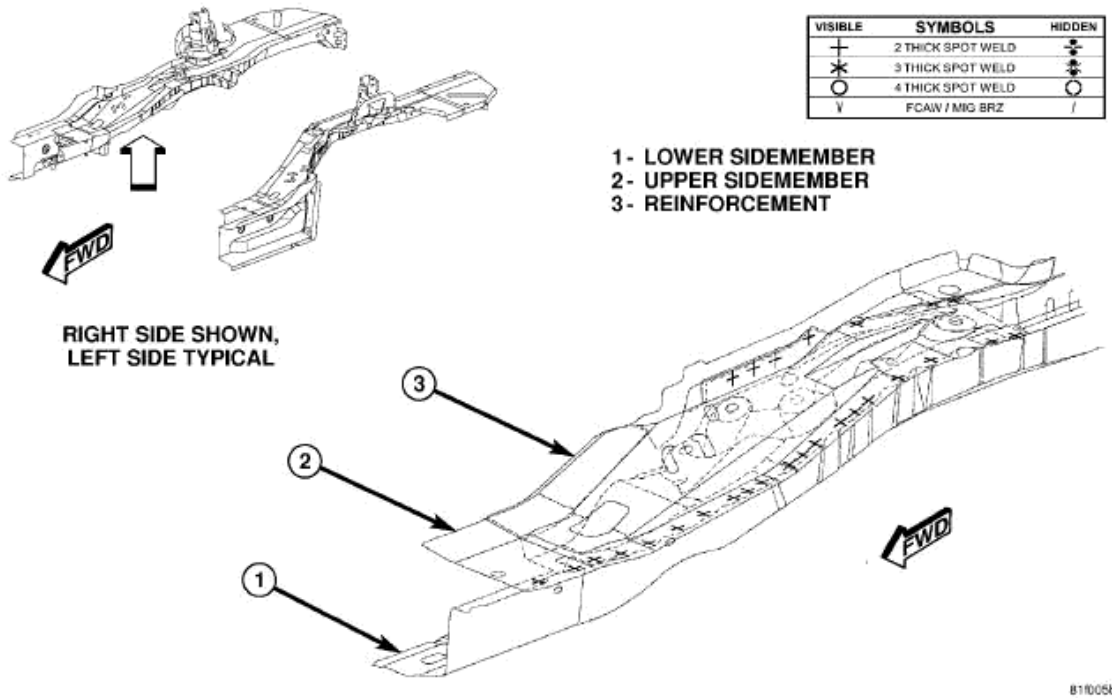


Fig. 377: SIDEMEMBER (6 OF 16)
Courtesy of CHRYSLER LLC

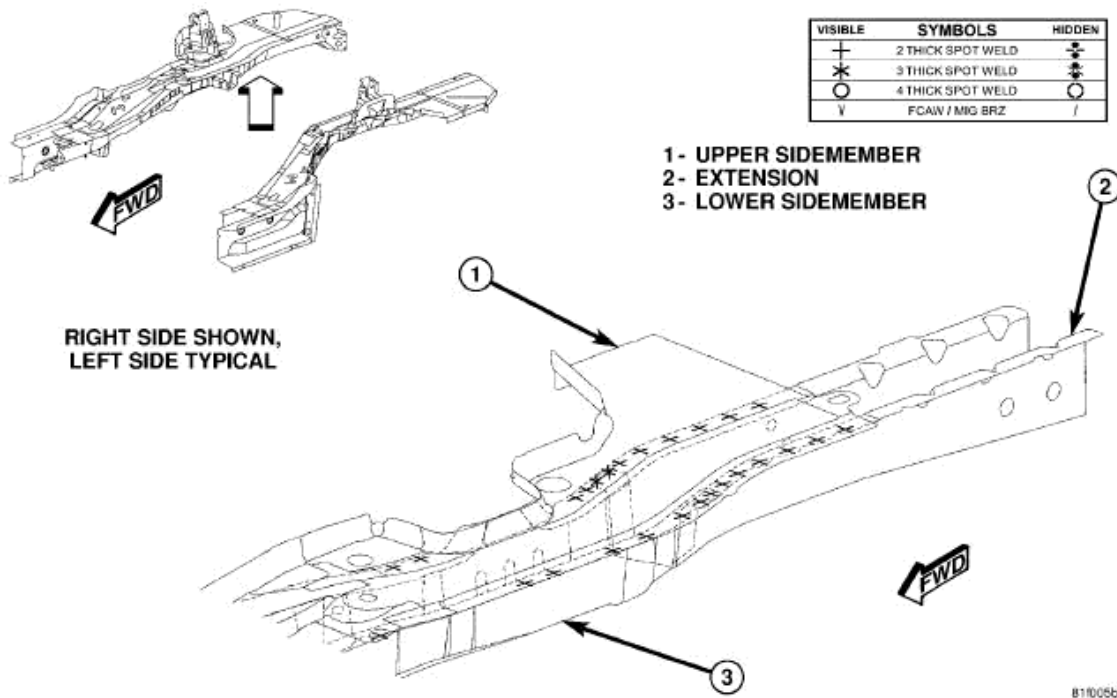


Fig. 378: SIDEMEMBER (7 OF 16)
Courtesy of CHRYSLER LLC

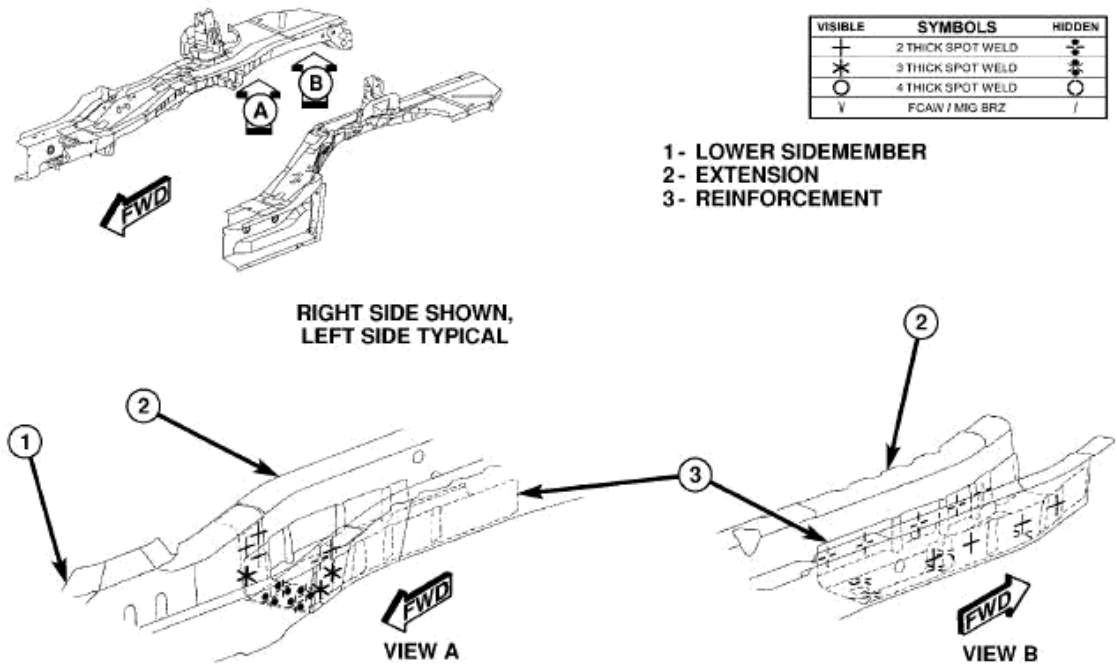


Fig. 379: SIDEMEMBER (8 OF 16)
Courtesy of CHRYSLER LLC

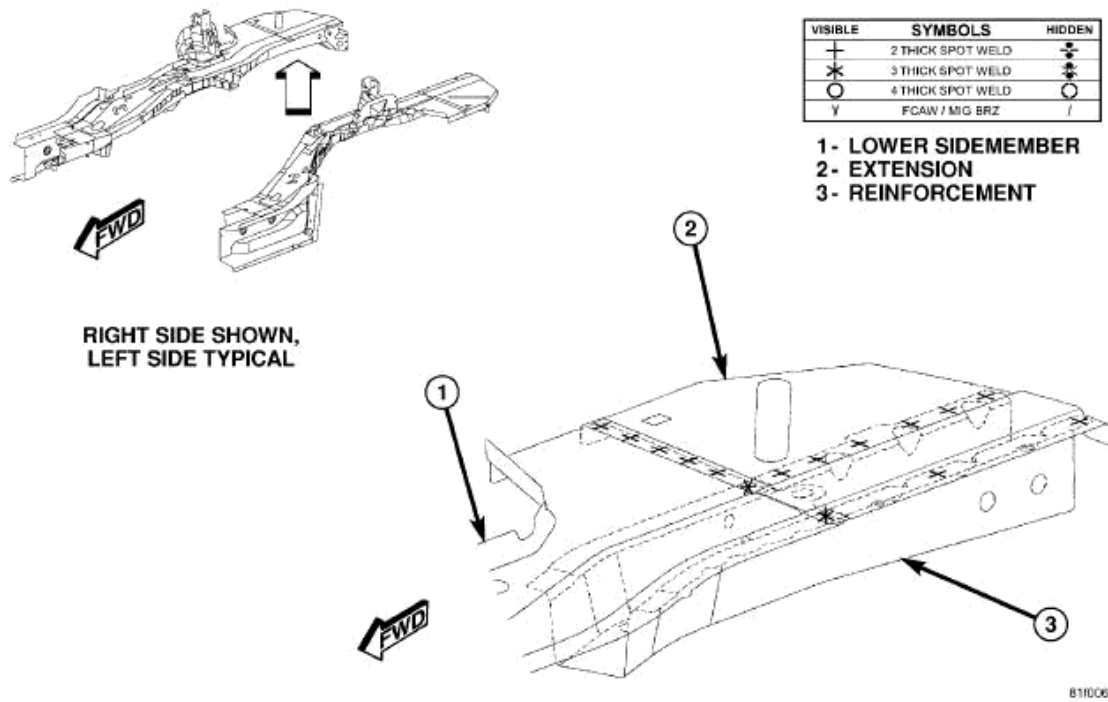


Fig. 380: SIDEMEMBER (9 OF 16)
Courtesy of CHRYSLER LLC

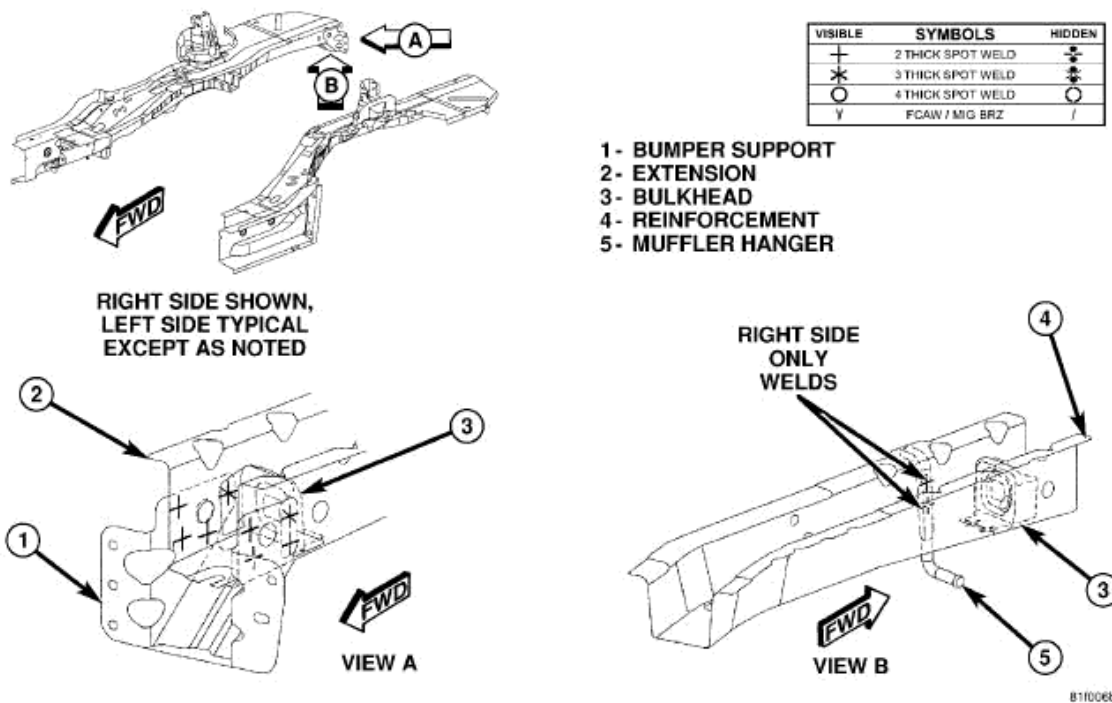


Fig. 381: SIDEMEMBER (10 OF 16)
Courtesy of CHRYSLER LLC

2009 Dodge Journey R/T

2009 ACCESSORIES AND EQUIPMENT Body - Journey

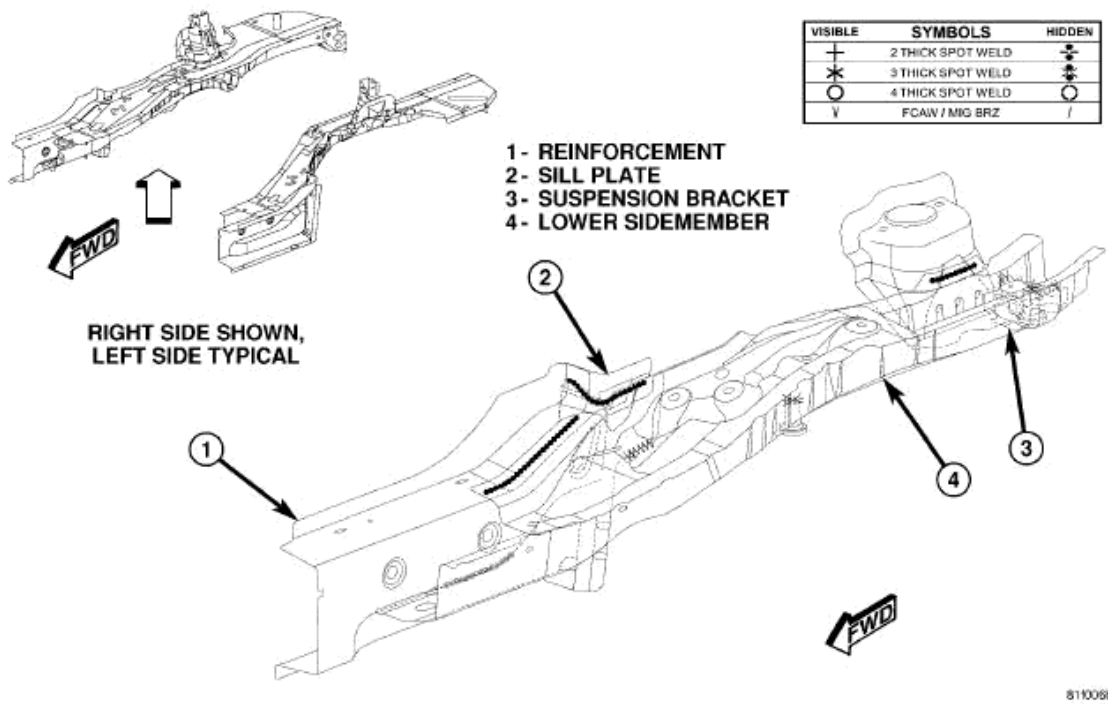


Fig. 382: SIDEMEMBER (11 OF 16)
Courtesy of CHRYSLER LLC

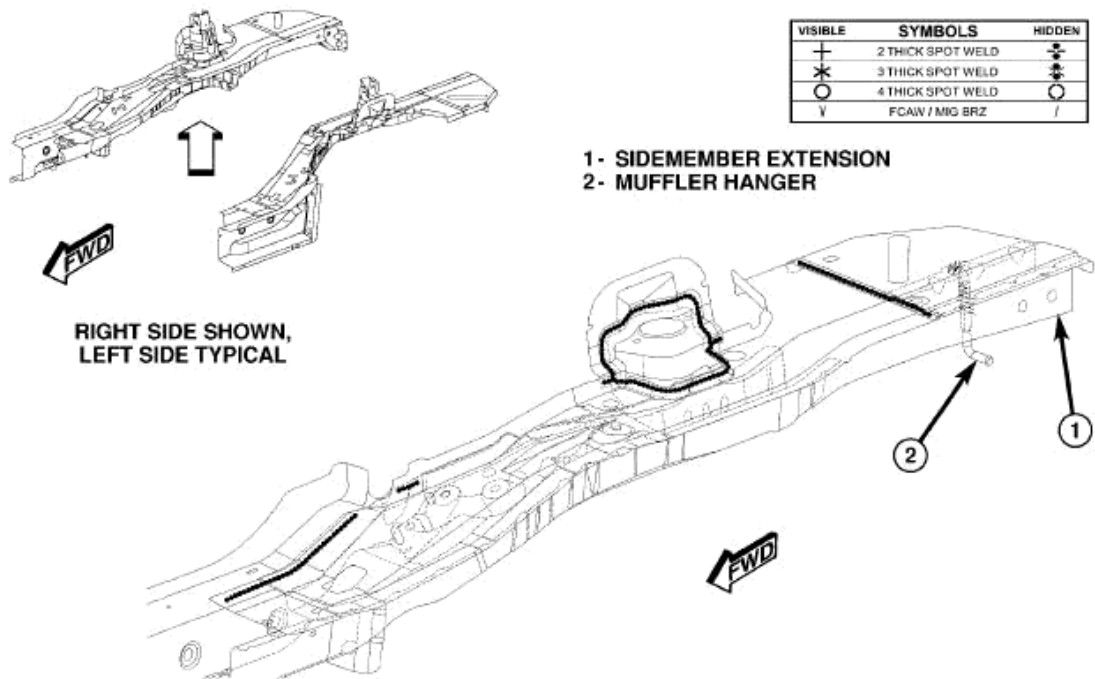


Fig. 383: SIDEMEMBER (12 OF 16)
Courtesy of CHRYSLER LLC

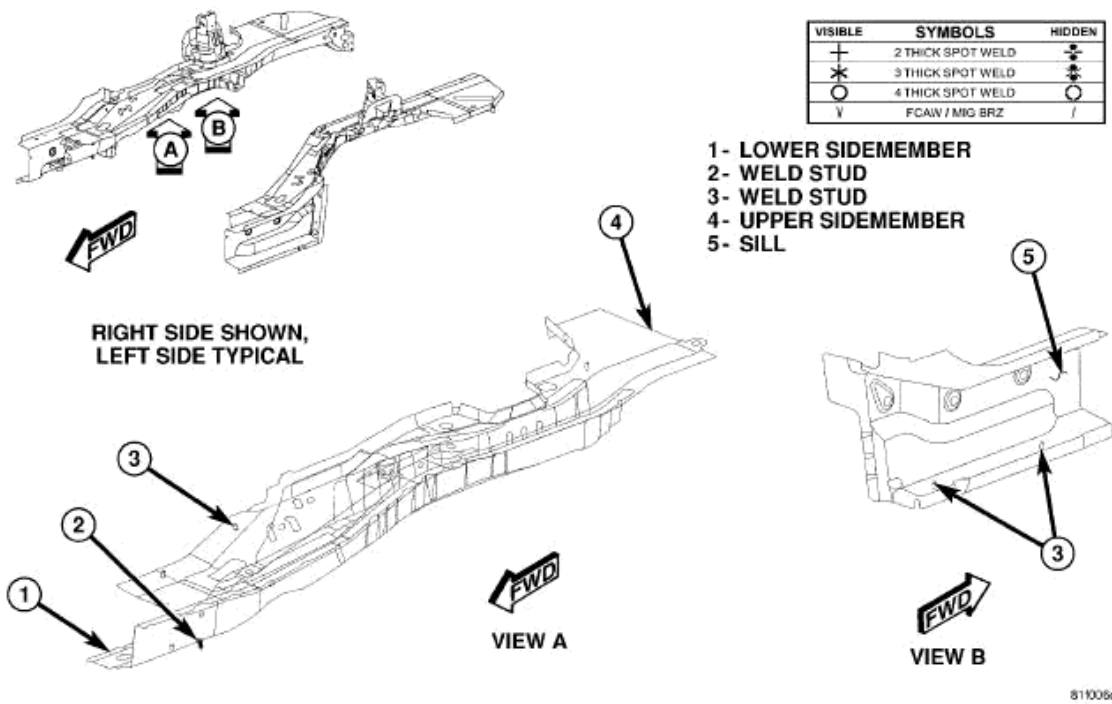


Fig. 384: SIDEMEMBER (13 OF 16)
Courtesy of CHRYSLER LLC

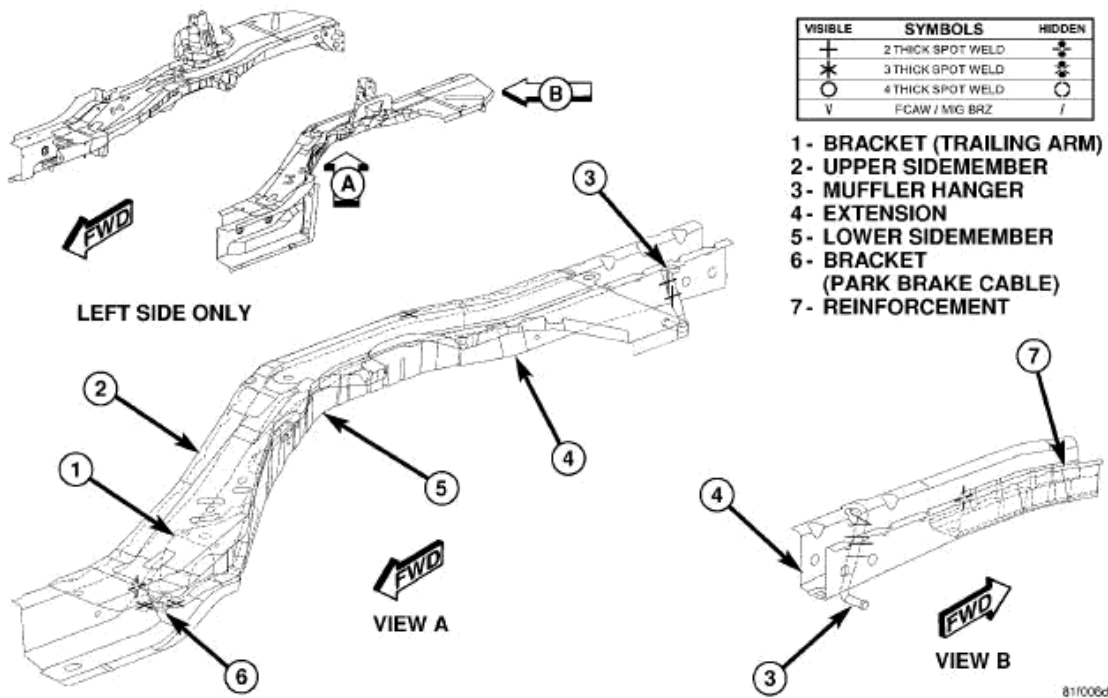


Fig. 385: SIDEMEMBER (14 OF 16)
Courtesy of CHRYSLER LLC

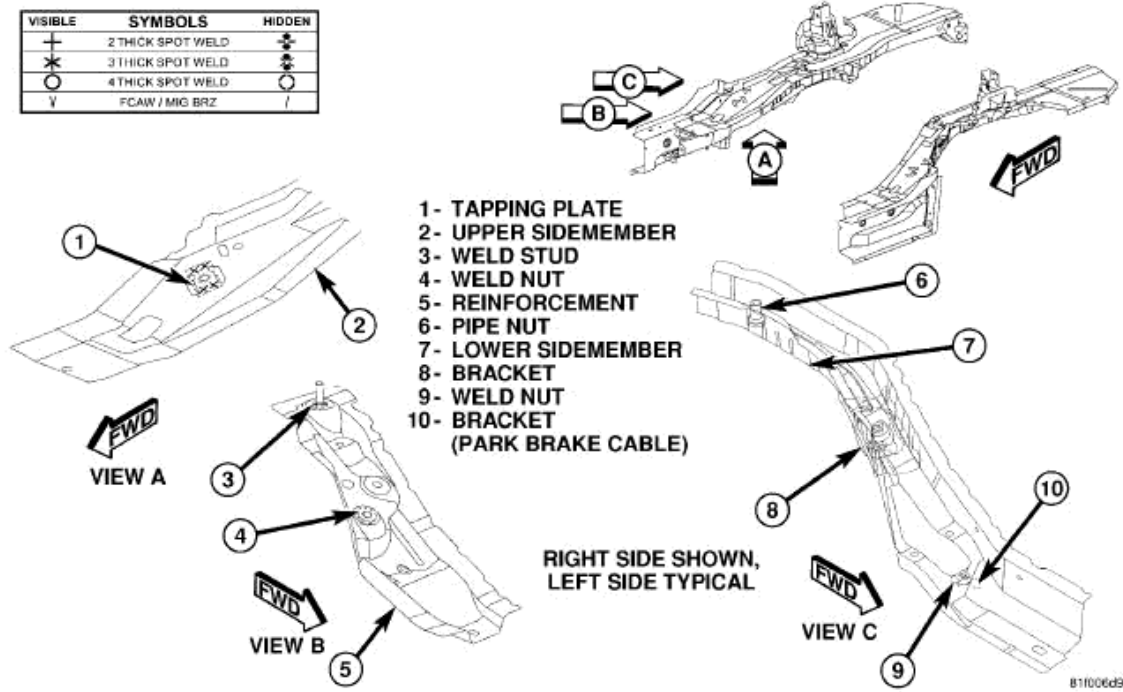


Fig. 386: SIDEMEMBER (15 OF 16)

Courtesy of CHRYSLER LLC

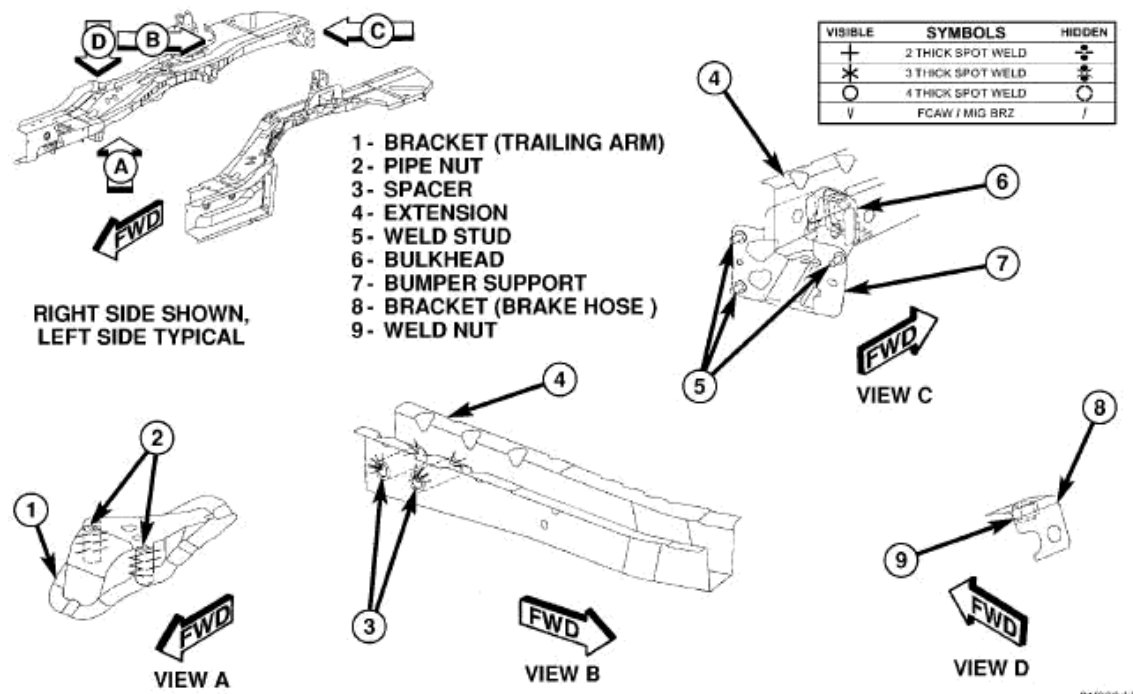
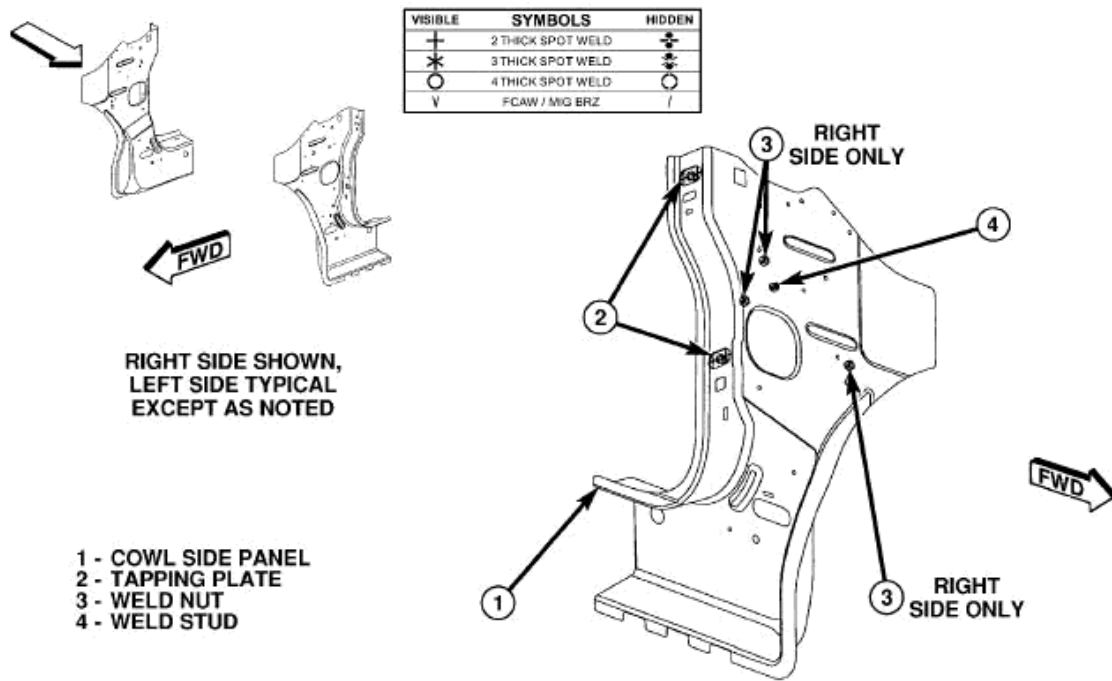


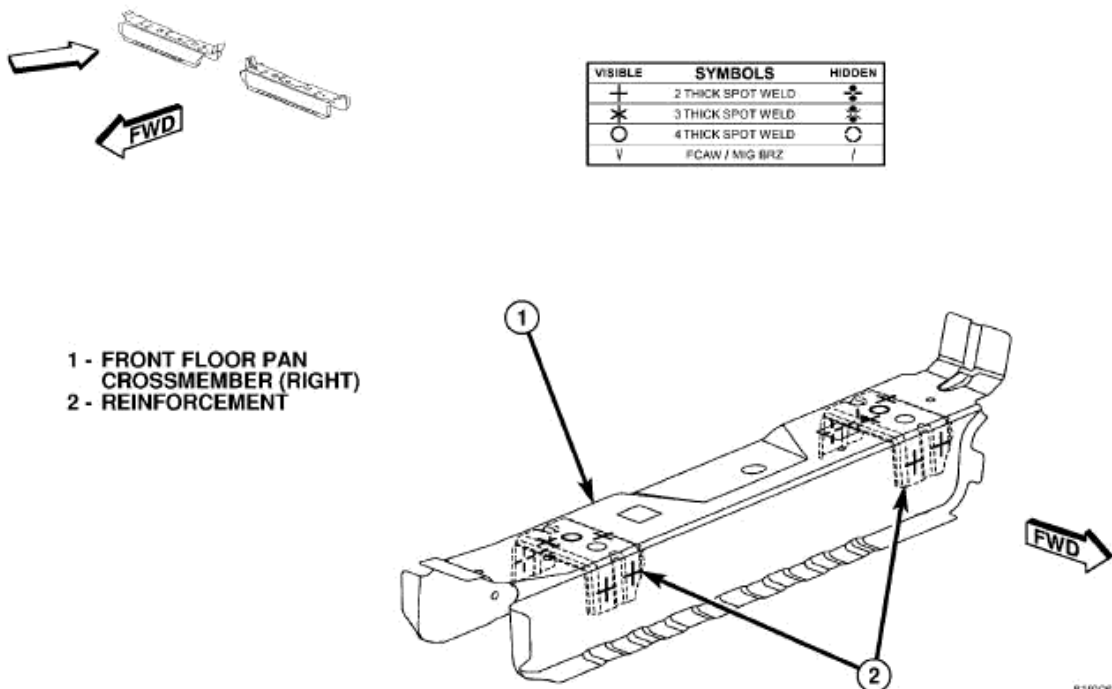
Fig. 387: SIDEMEMBER (16 OF 16)

Courtesy of CHRYSLER LLC



811006e5

Fig. 388: MISCELLANEOUS COWL/FLOOR (1 OF 3)
Courtesy of CHRYSLER LLC



811006e1

Fig. 389: MISCELLANEOUS COWL/FLOOR (2 OF 3)
Courtesy of CHRYSLER LLC

2009 Dodge Journey R/T

2009 ACCESSORIES AND EQUIPMENT Body - Journey

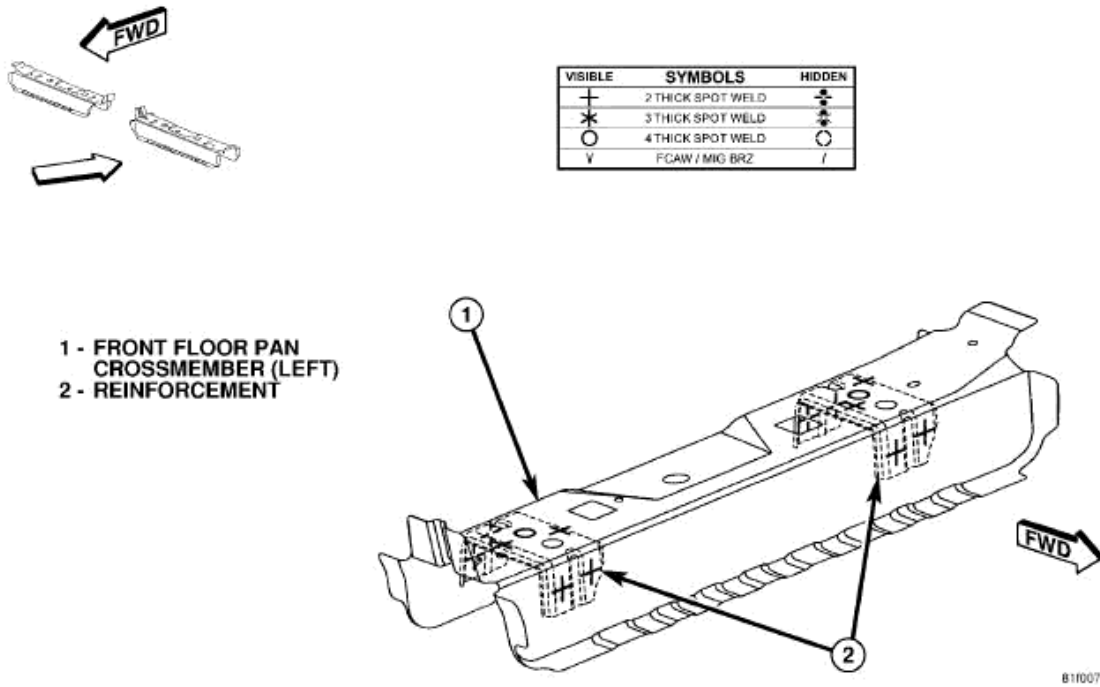


Fig. 390: MISCELLANEOUS COWL/FLOOR (3 OF 3)
Courtesy of CHRYSLER LLC

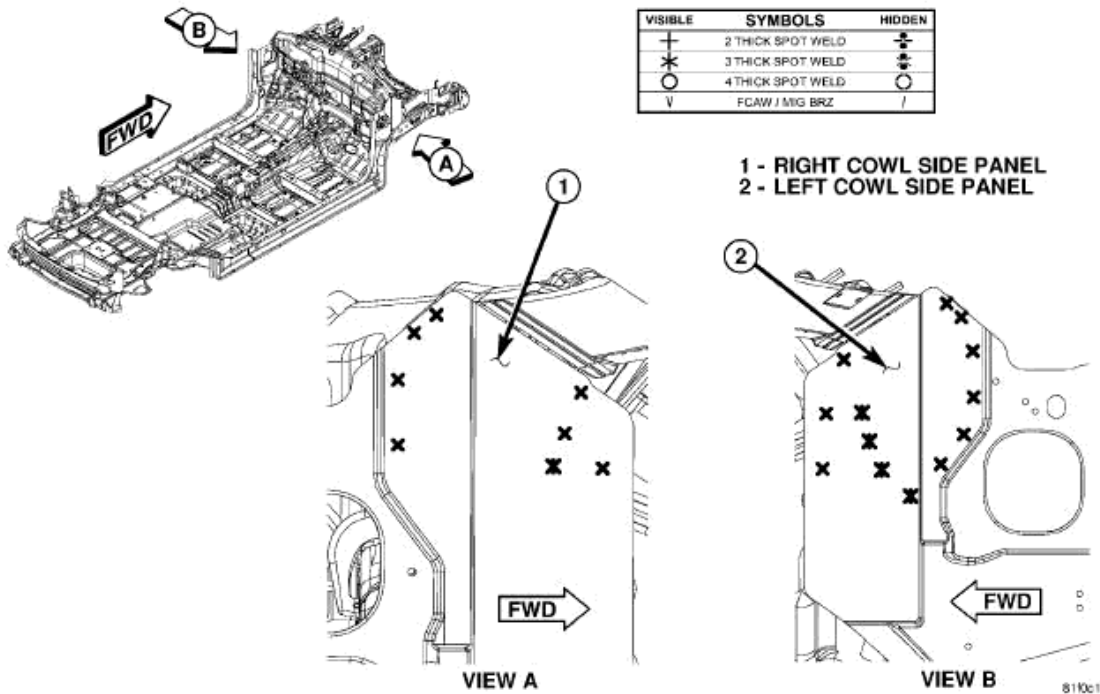


Fig. 391: UNDERBODY COMPLETE (1 OF 21)
Courtesy of CHRYSLER LLC

2009 Dodge Journey R/T

2009 ACCESSORIES AND EQUIPMENT Body - Journey

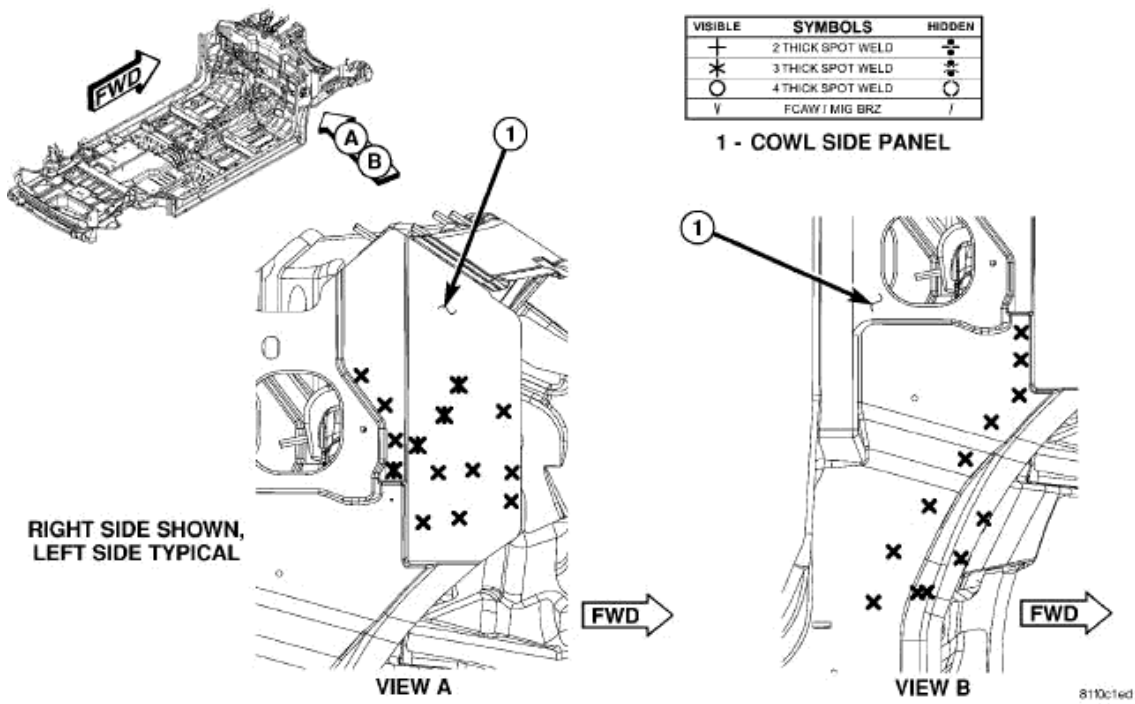


Fig. 392: UNDERBODY COMPLETE (2 OF 21)
Courtesy of CHRYSLER LLC

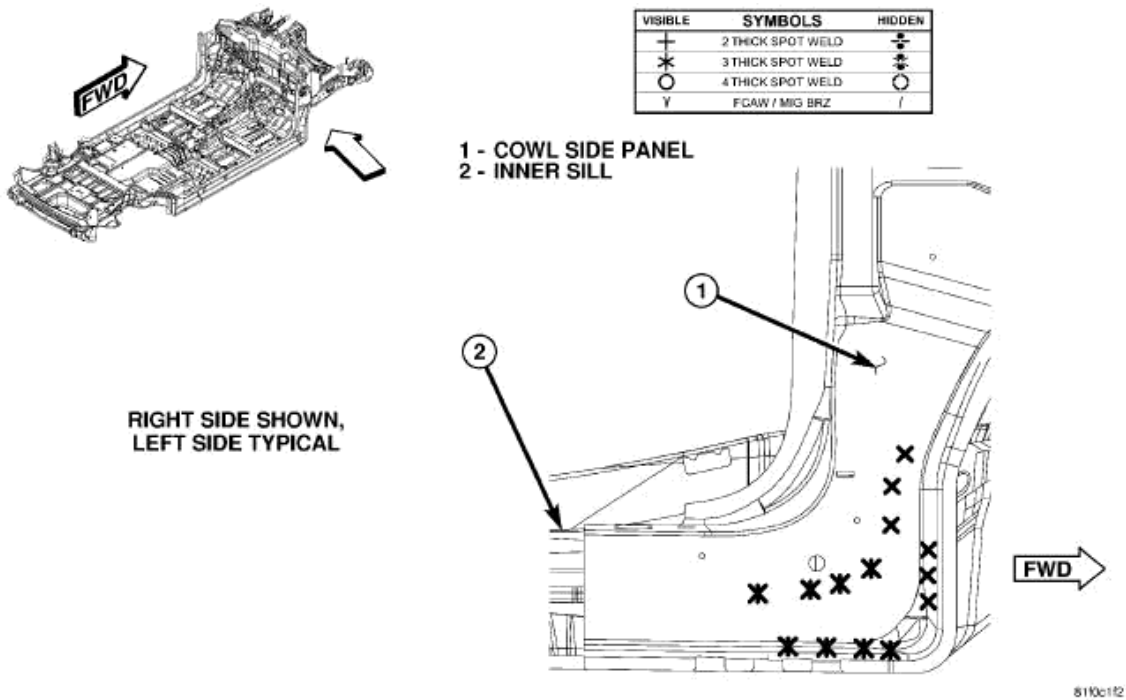
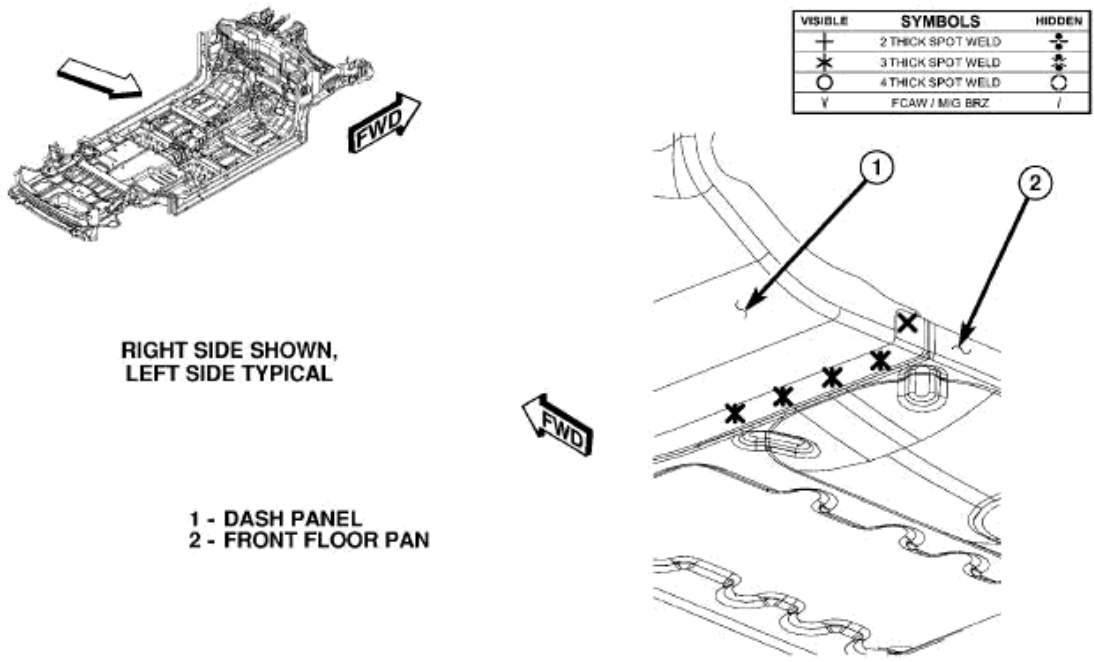
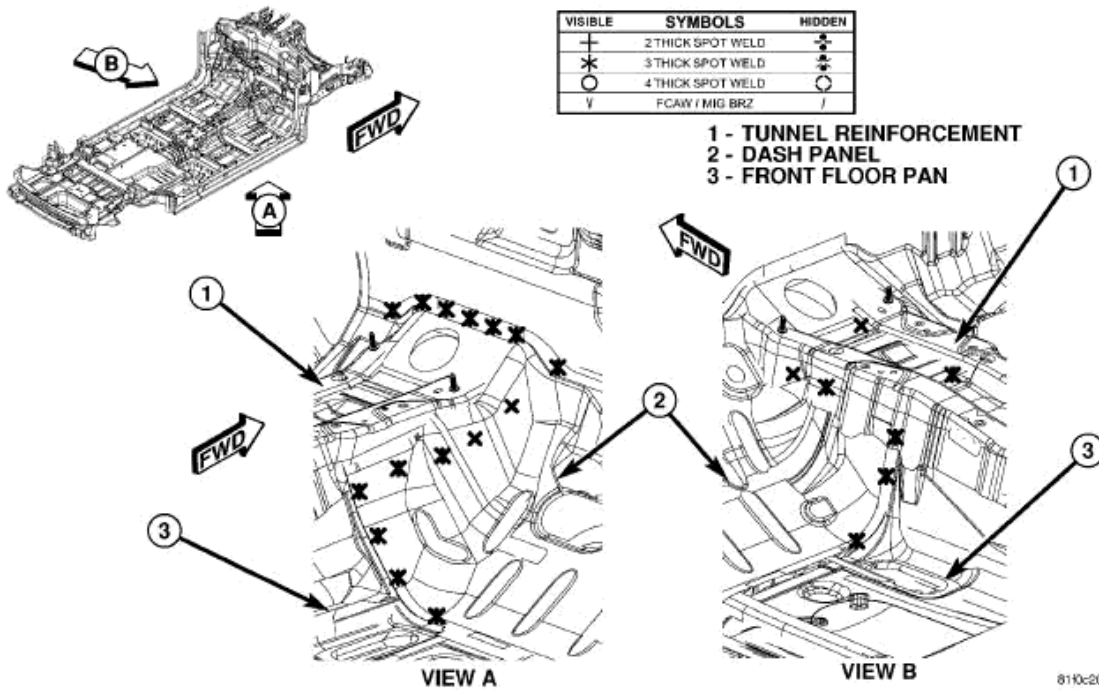


Fig. 393: UNDERBODY COMPLETE (3 OF 21)
Courtesy of CHRYSLER LLC



8110c116

Fig. 394: UNDERBODY COMPLETE (4 OF 21)
Courtesy of CHRYSLER LLC



8110c204

Fig. 395: UNDERBODY COMPLETE (5 OF 21)
Courtesy of CHRYSLER LLC

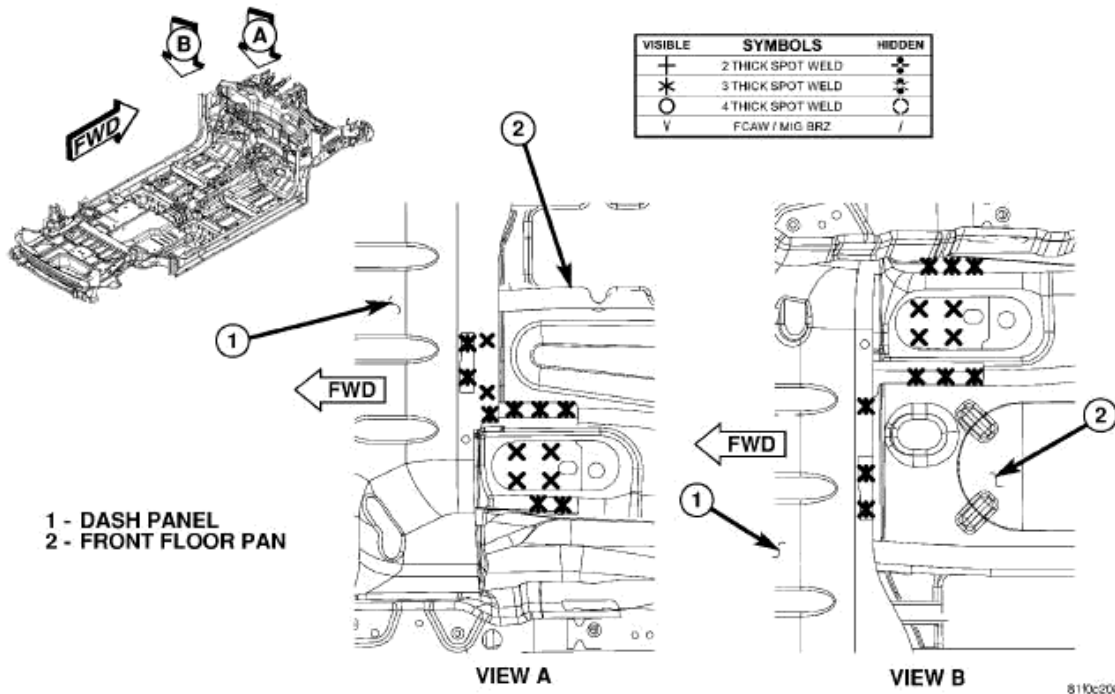


Fig. 396: UNDERBODY COMPLETE (6 OF 21)
Courtesy of CHRYSLER LLC

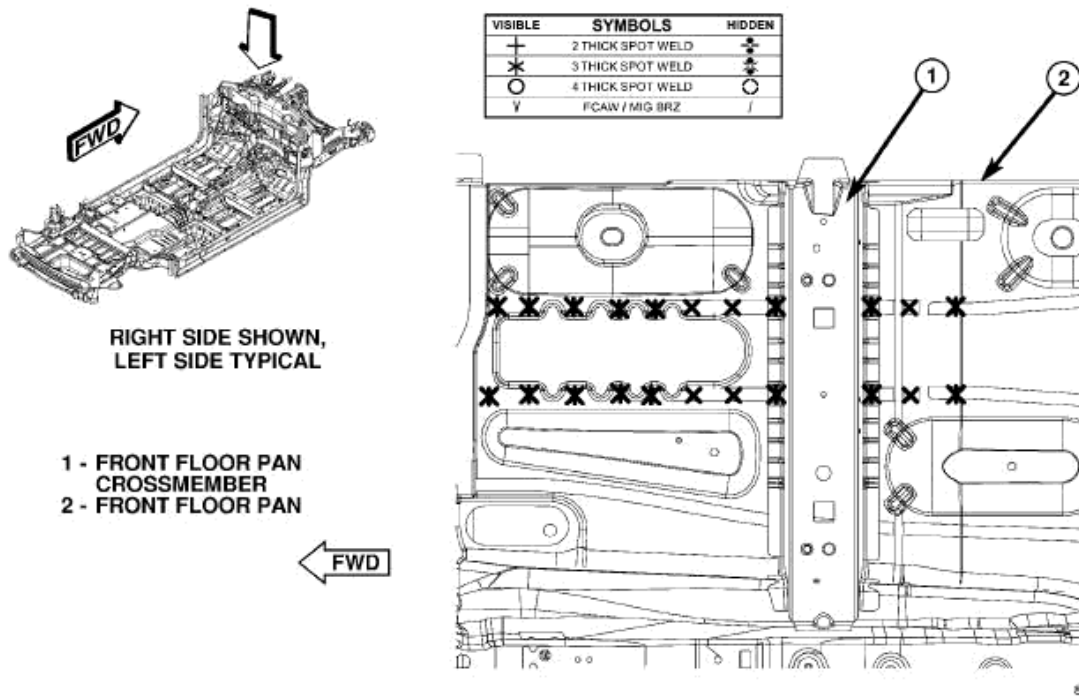


Fig. 397: UNDERBODY COMPLETE (7 OF 21)
Courtesy of CHRYSLER LLC

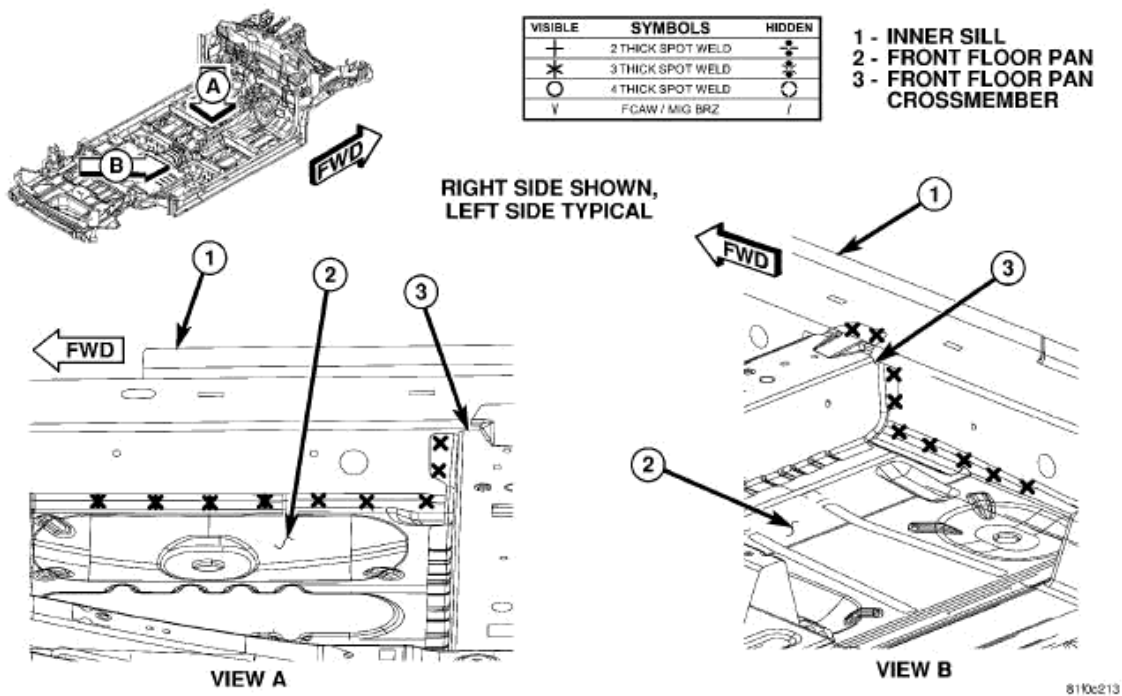


Fig. 398: UNDERBODY COMPLETE (8 OF 21)
Courtesy of CHRYSLER LLC

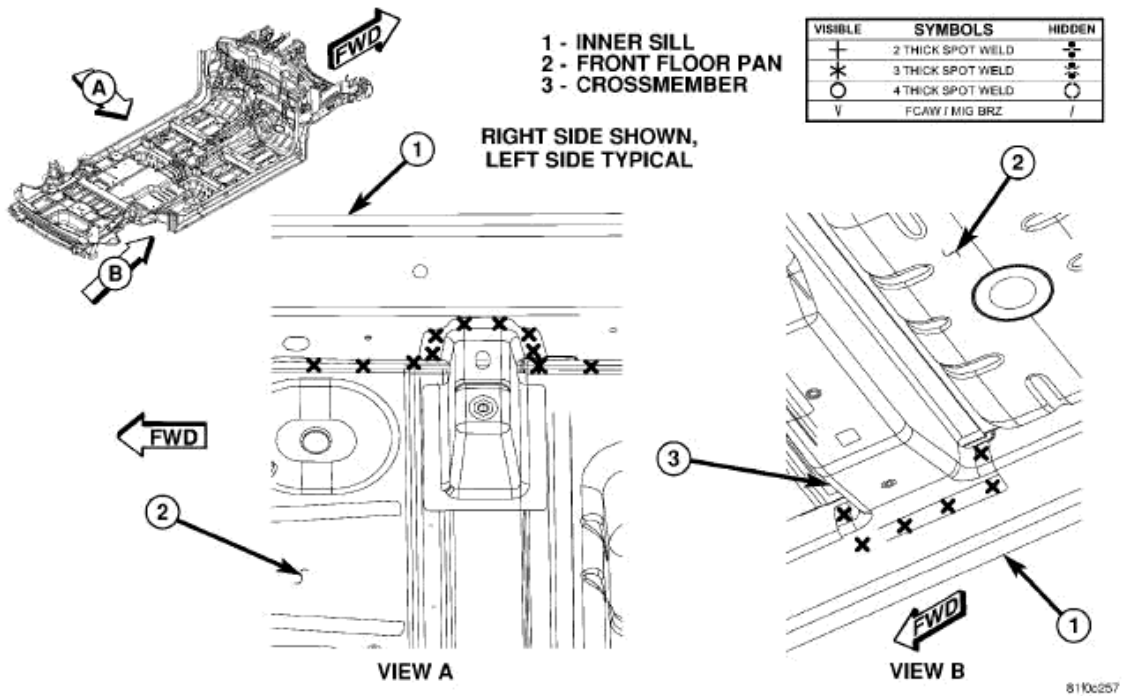


Fig. 399: UNDERBODY COMPLETE (9 OF 21)
Courtesy of CHRYSLER LLC

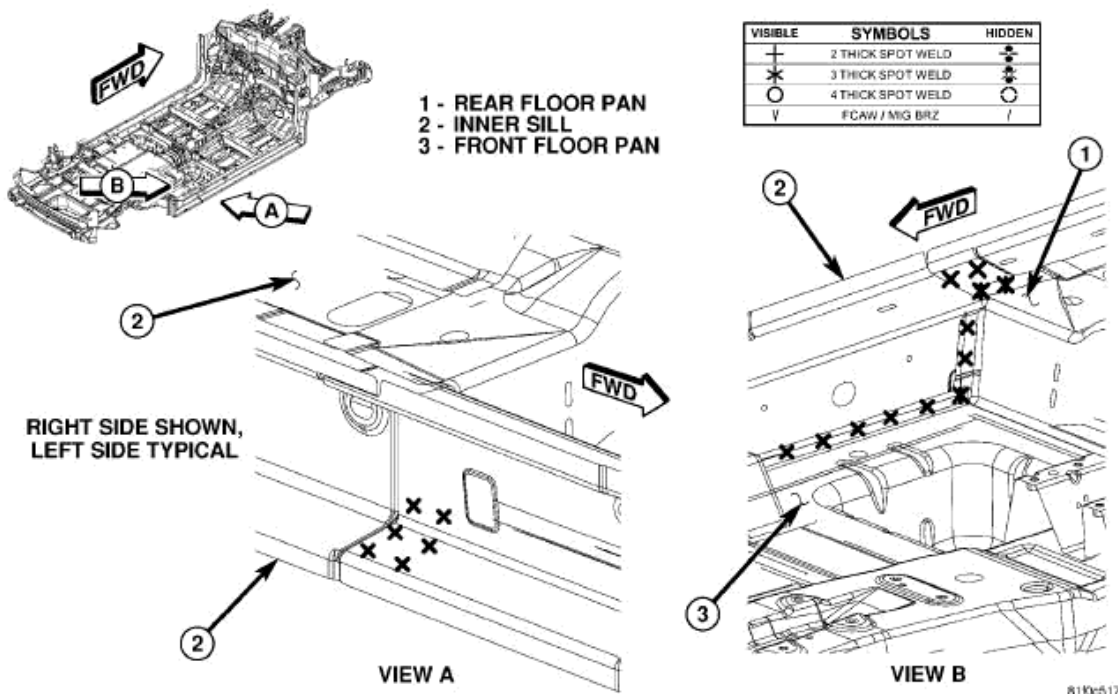


Fig. 400: UNDERBODY COMPLETE (10 OF 21)
Courtesy of CHRYSLER LLC

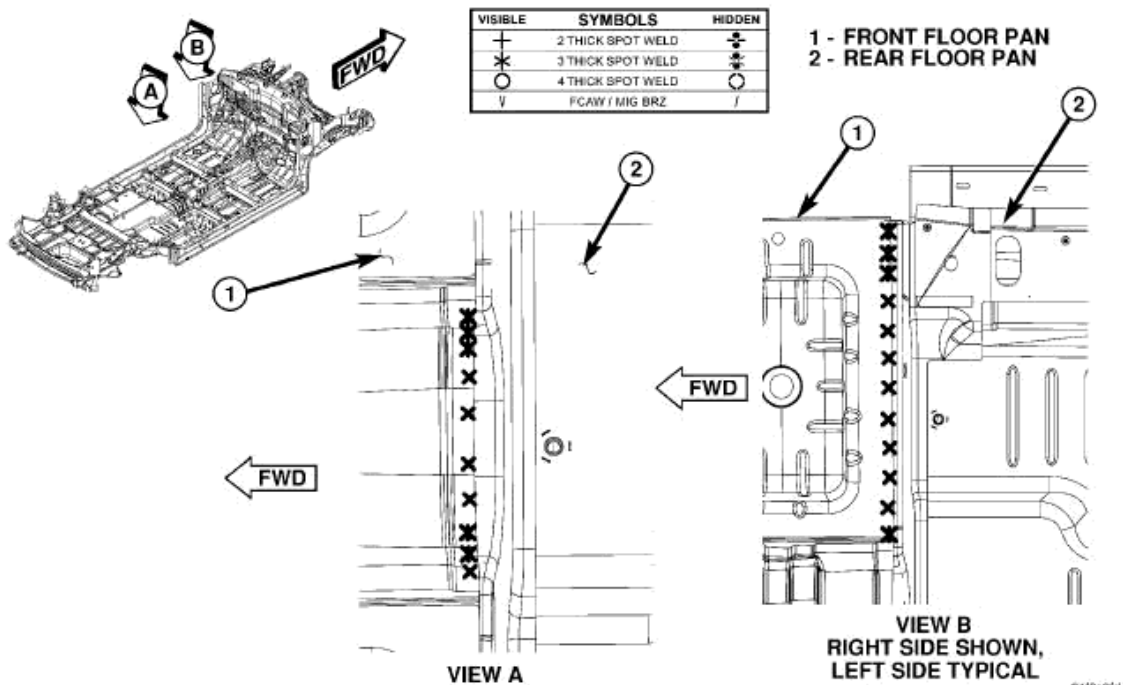
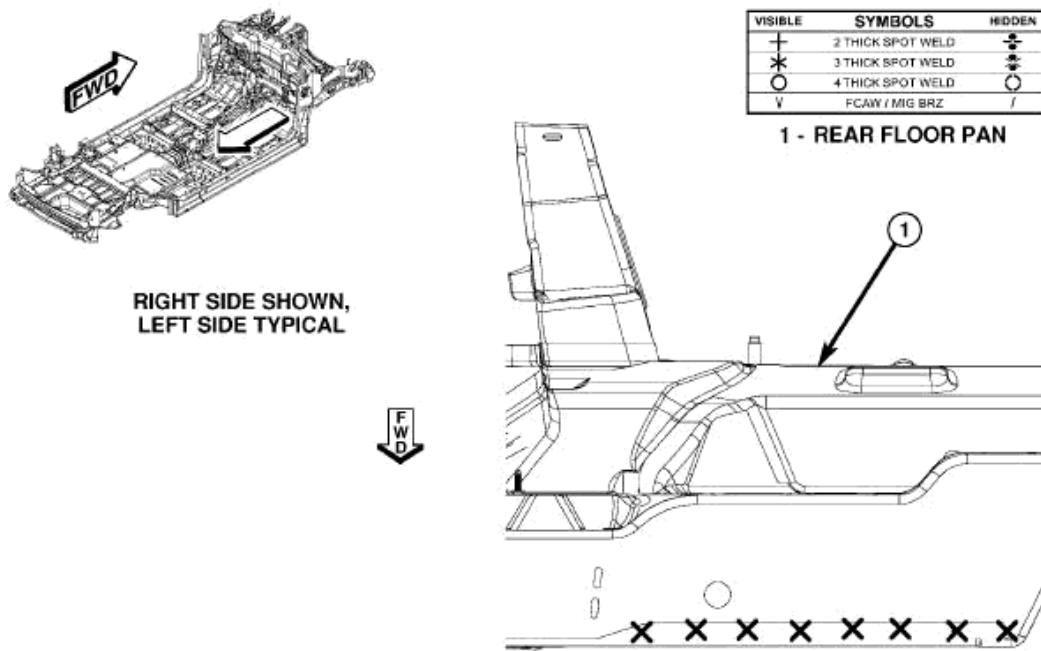
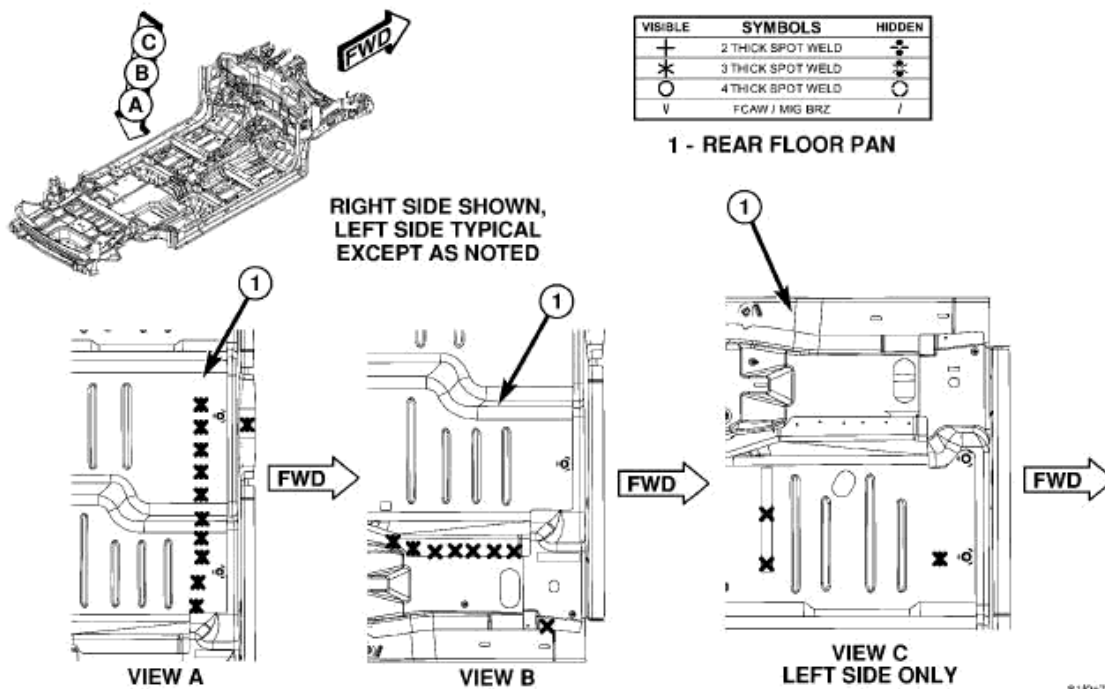


Fig. 401: UNDERBODY COMPLETE (11 OF 21)
Courtesy of CHRYSLER LLC



8110c708

Fig. 402: UNDERBODY COMPLETE (12 OF 21)
Courtesy of CHRYSLER LLC



8110c714

Fig. 403: UNDERBODY COMPLETE (13 OF 21)
Courtesy of CHRYSLER LLC

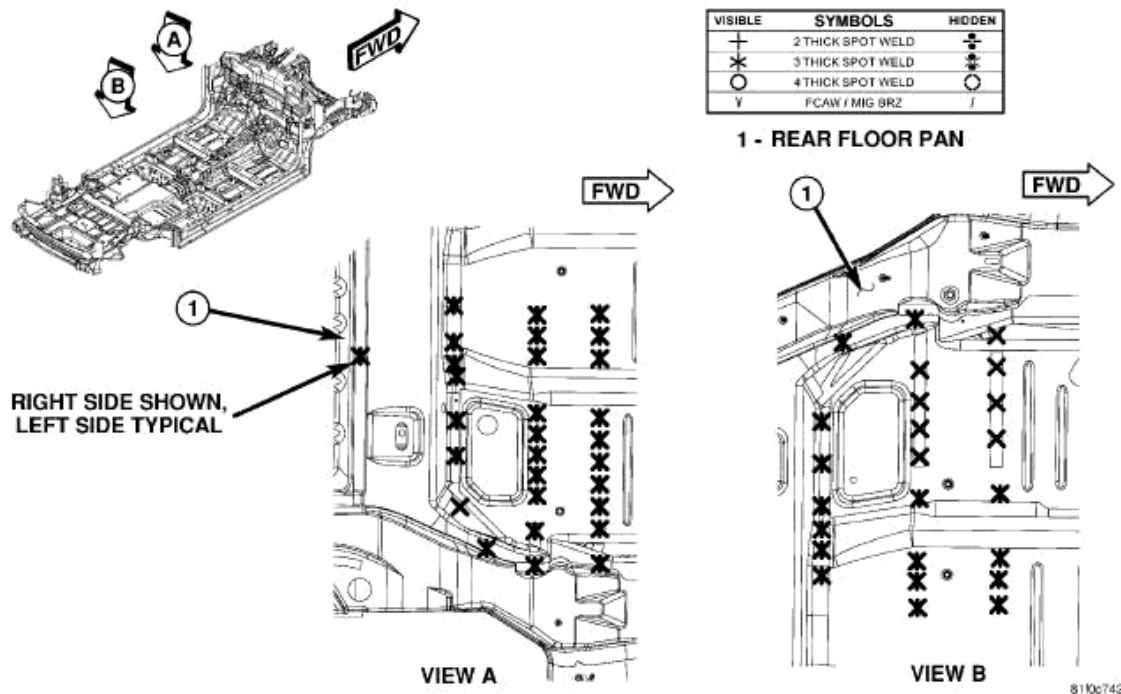


Fig. 404: UNDERBODY COMPLETE (14 OF 21)
Courtesy of CHRYSLER LLC

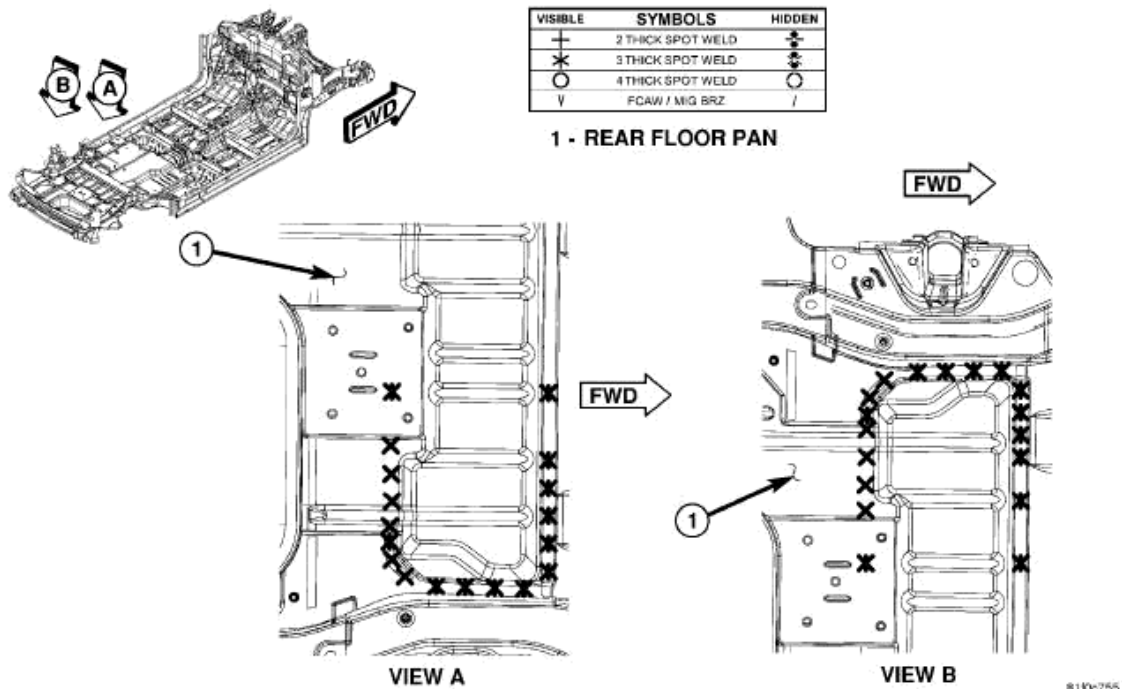


Fig. 405: UNDERBODY COMPLETE (15 OF 21)
Courtesy of CHRYSLER LLC

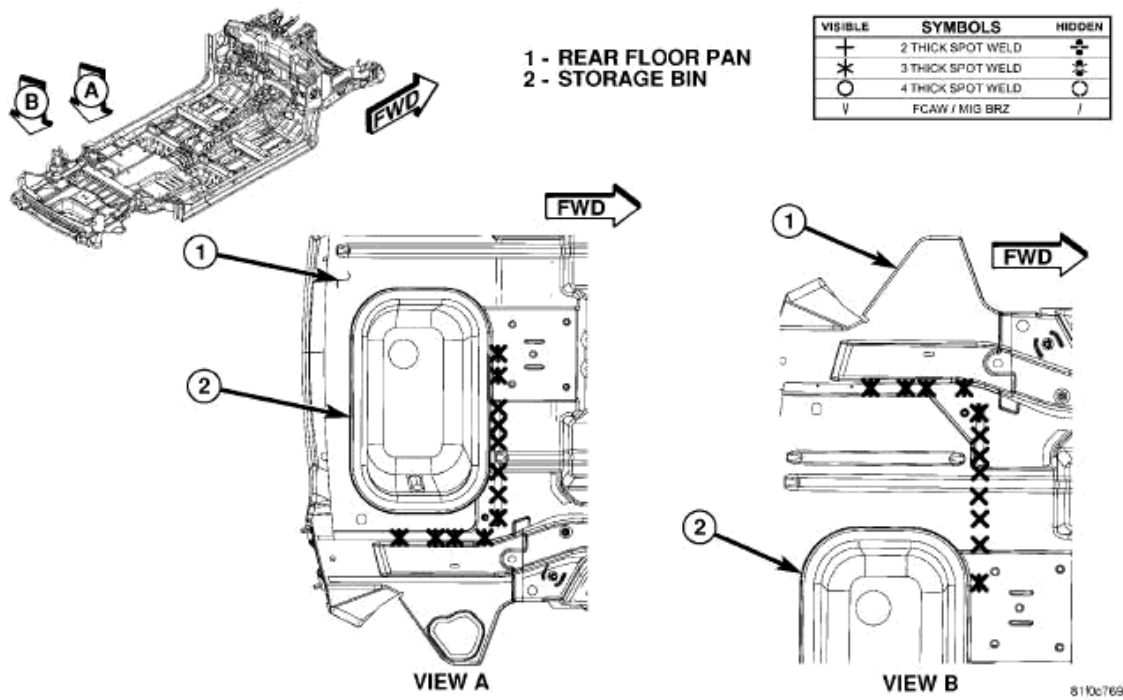


Fig. 406: UNDERBODY COMPLETE (16 OF 21)
Courtesy of CHRYSLER LLC

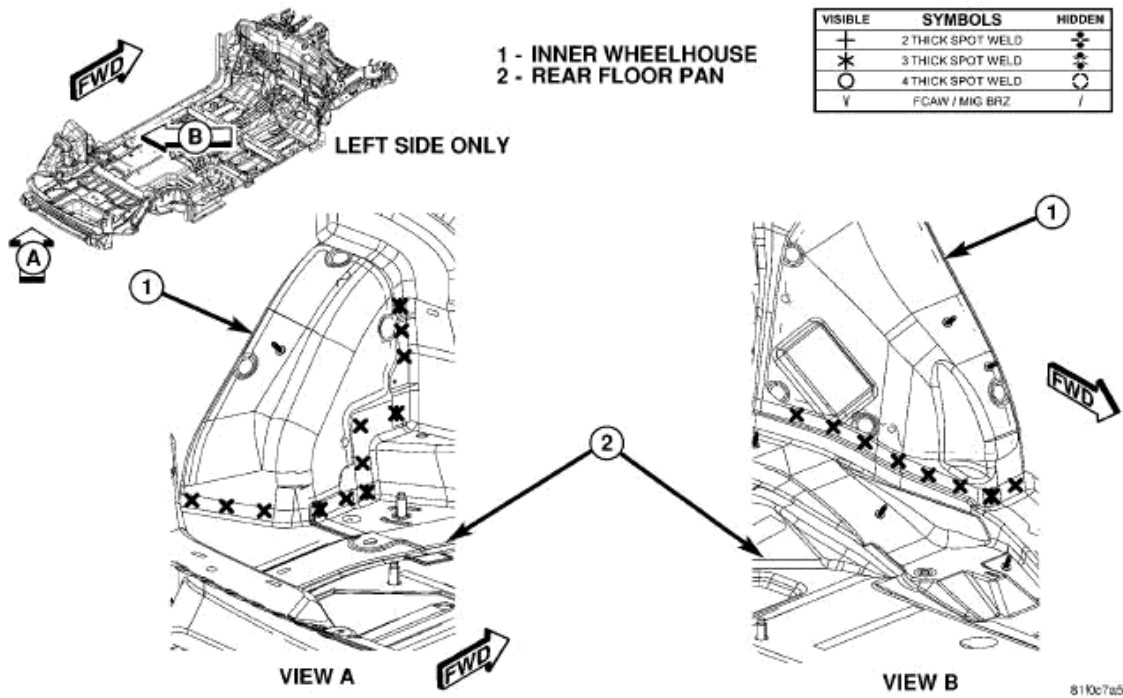


Fig. 407: UNDERBODY COMPLETE (17 OF 21)
Courtesy of CHRYSLER LLC

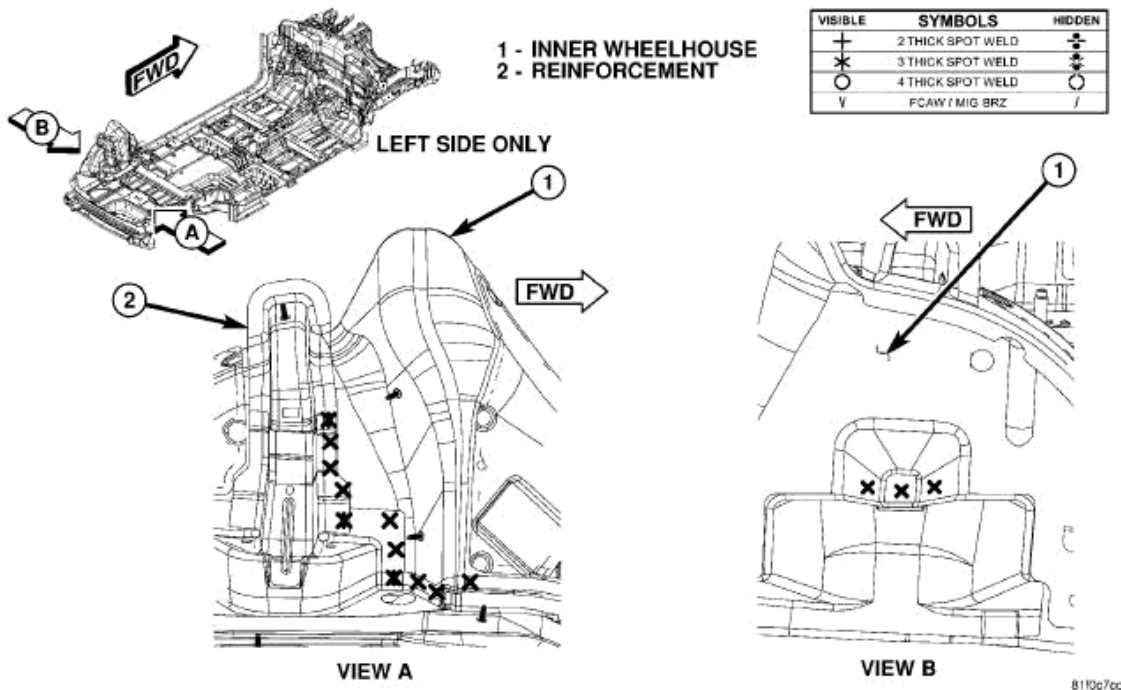


Fig. 408: UNDERBODY COMPLETE (18 OF 21)
Courtesy of CHRYSLER LLC

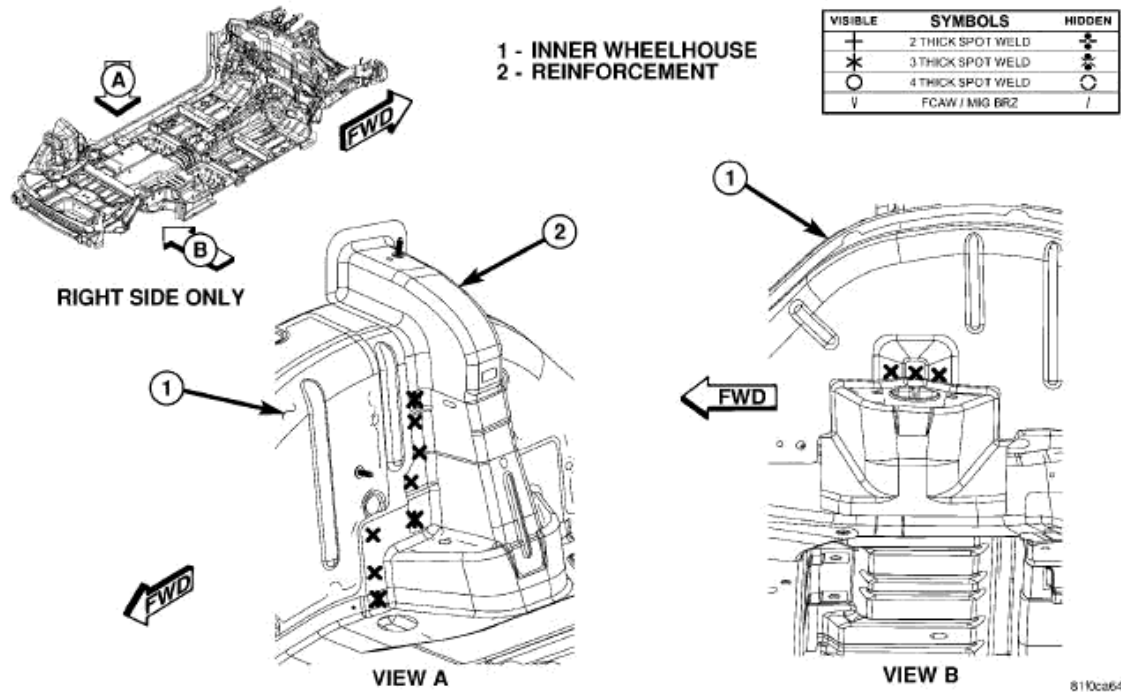


Fig. 409: UNDERBODY COMPLETE (19 OF 21)
Courtesy of CHRYSLER LLC

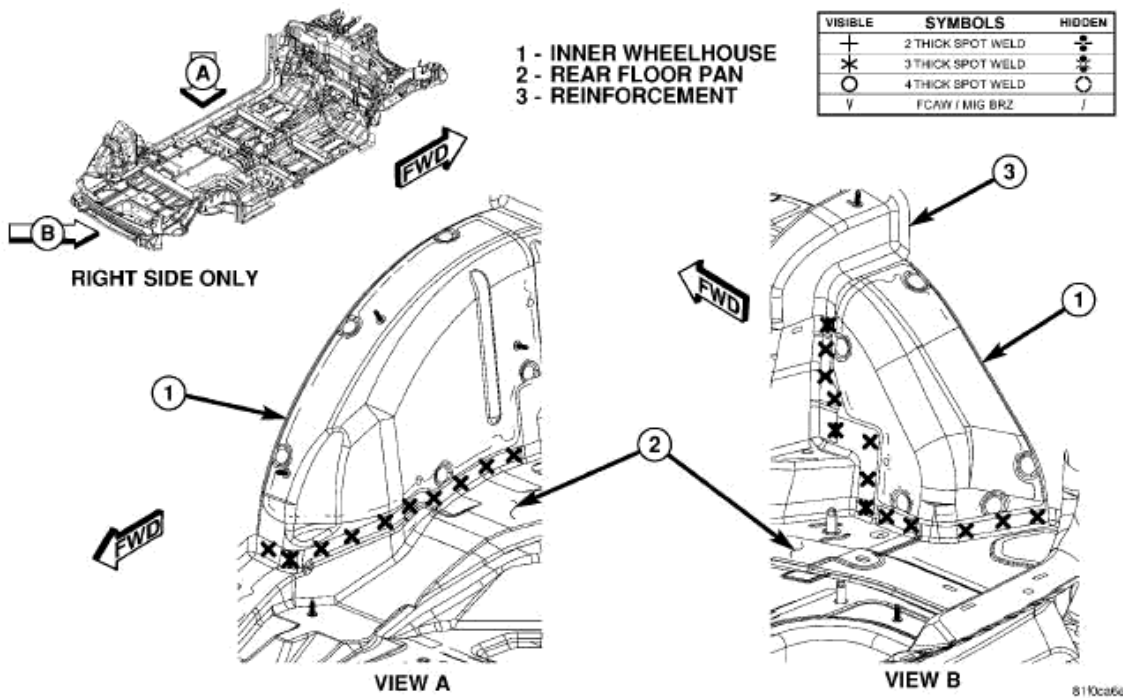


Fig. 410: UNDERBODY COMPLETE (20 OF 21)
Courtesy of CHRYSLER LLC

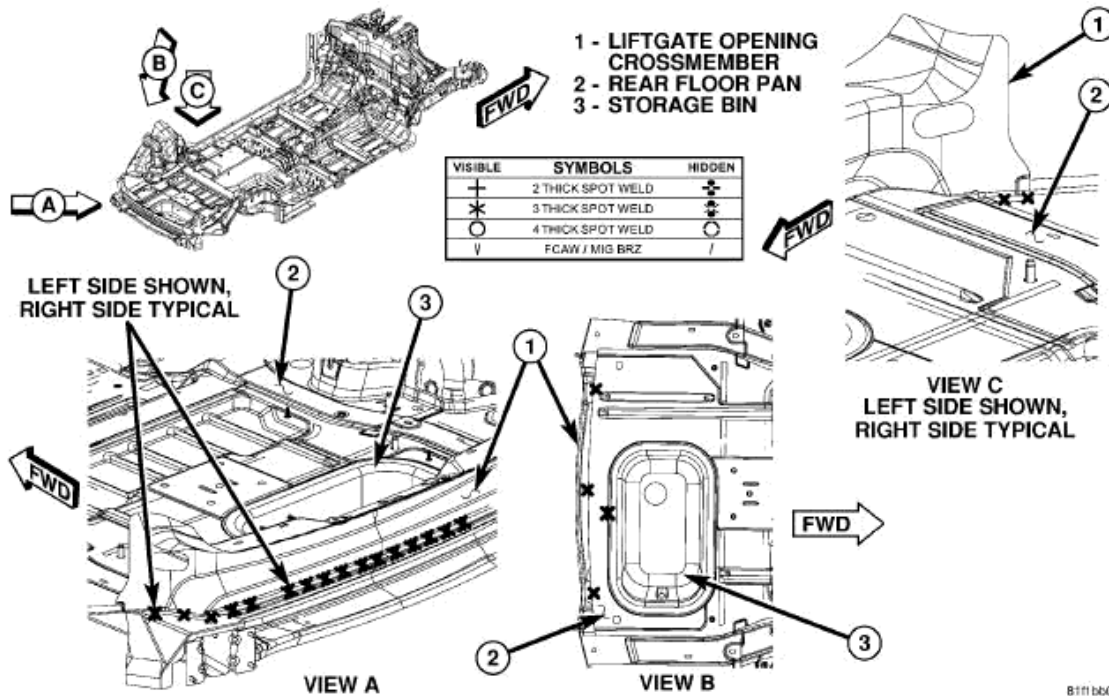


Fig. 411: UNDERBODY COMPLETE (21 OF 21)
Courtesy of CHRYSLER LLC

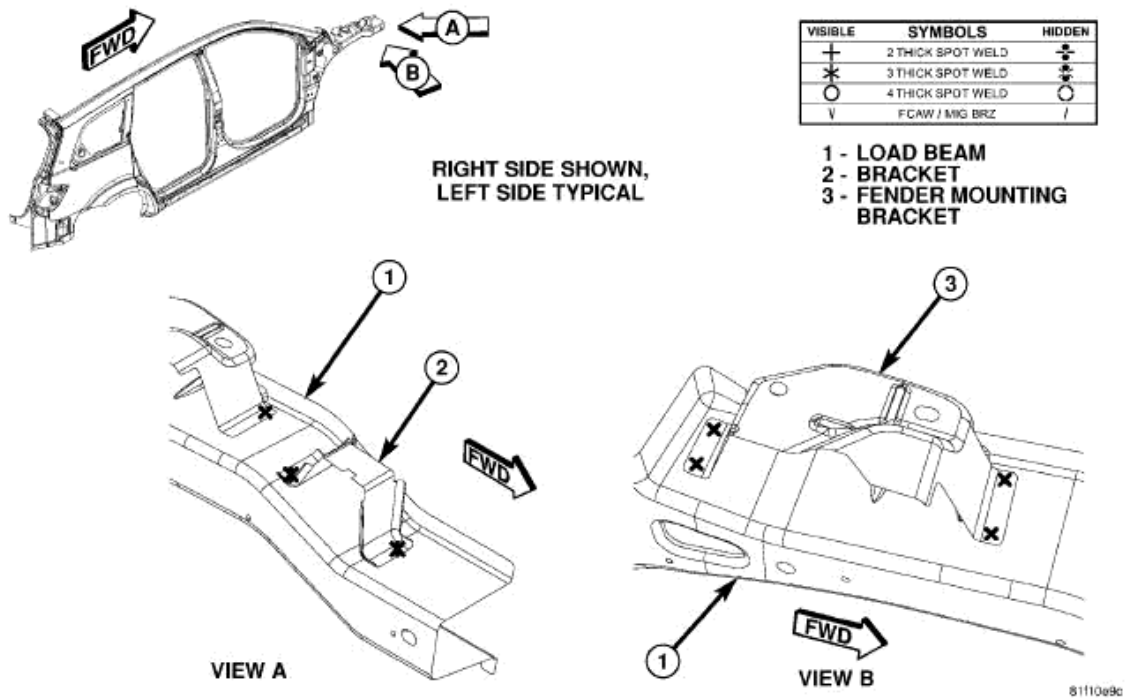


Fig. 412: BODY SIDE APERTURE (1 OF 14)
Courtesy of CHRYSLER LLC

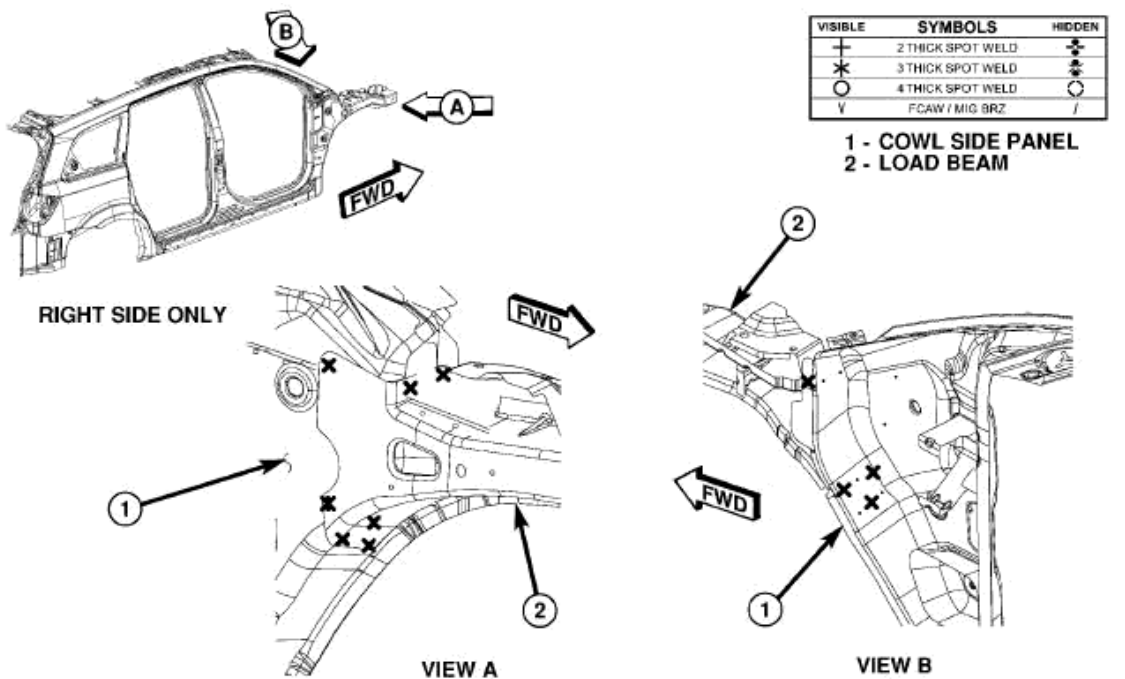


Fig. 413: BODY SIDE APERTURE (2 OF 14)
Courtesy of CHRYSLER LLC

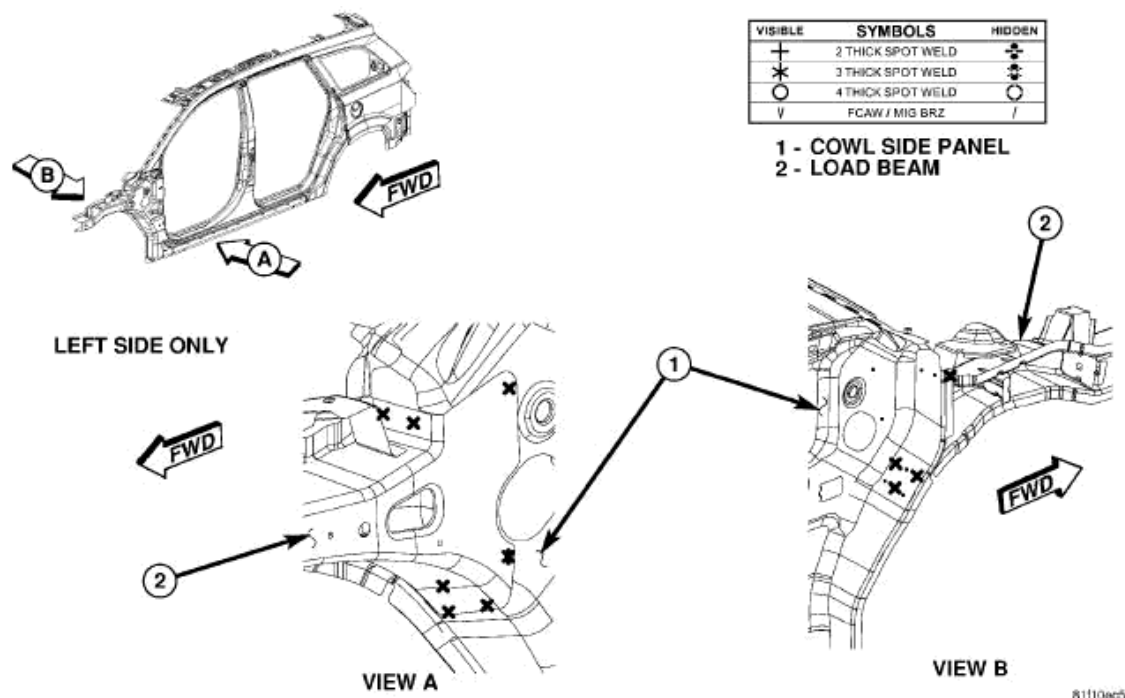


Fig. 414: BODY SIDE APERTURE (3 OF 14)
Courtesy of CHRYSLER LLC

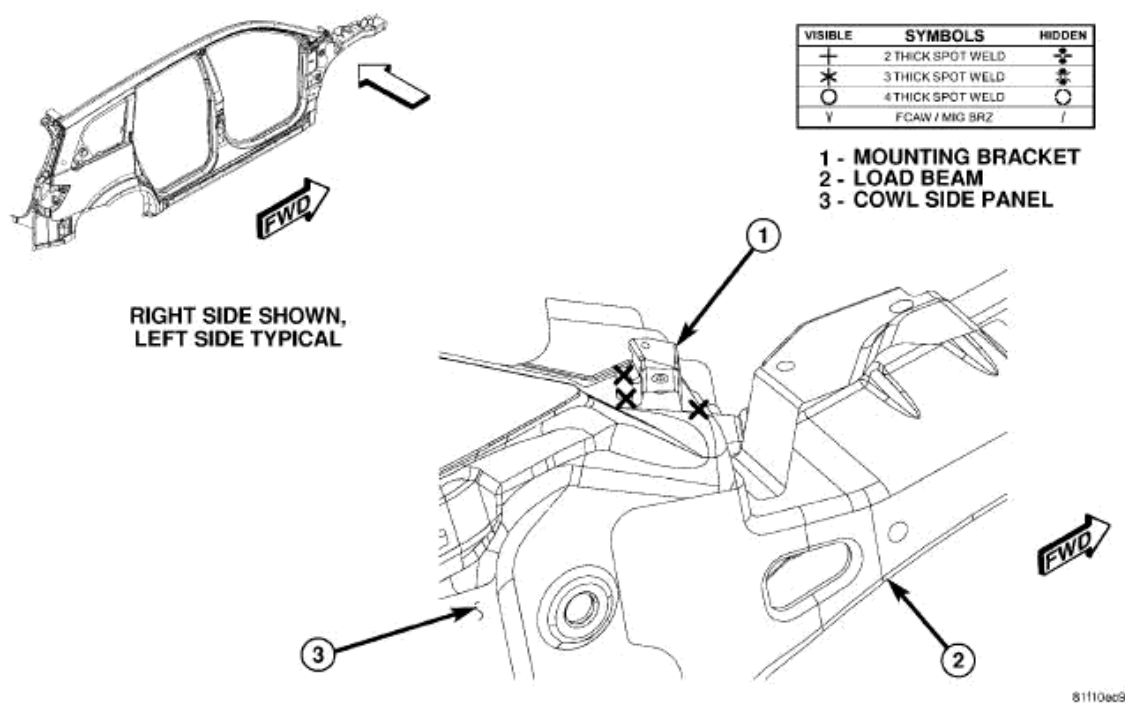


Fig. 415: BODY SIDE APERTURE (4 OF 14)
Courtesy of CHRYSLER LLC

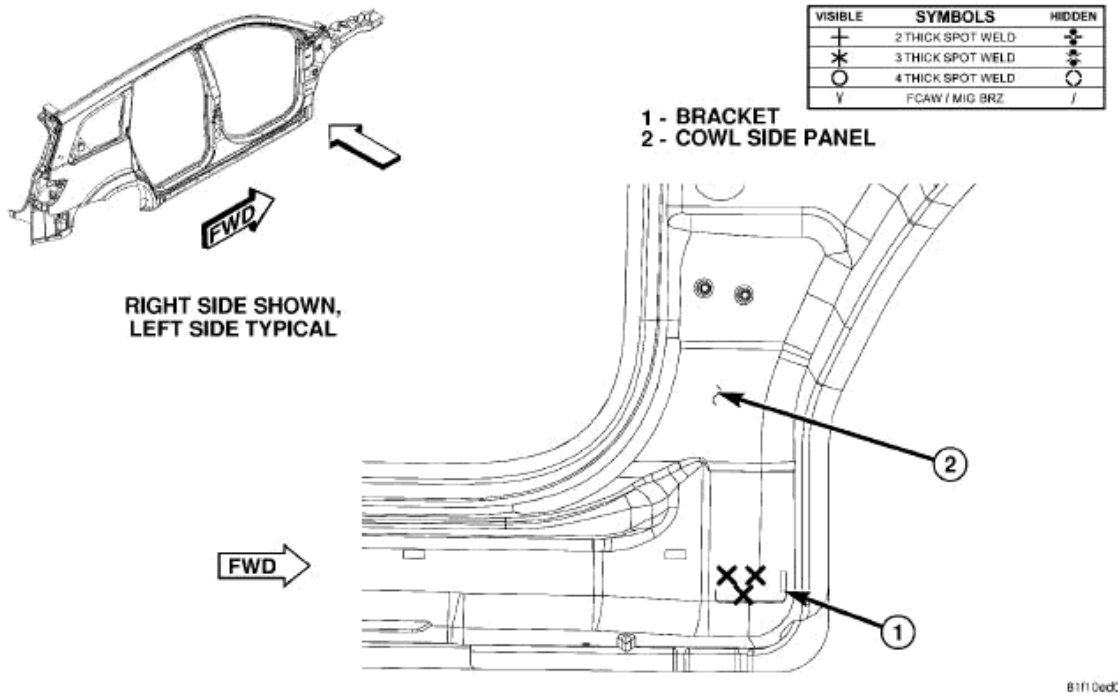


Fig. 416: BODY SIDE APERTURE (5 OF 14)
Courtesy of CHRYSLER LLC

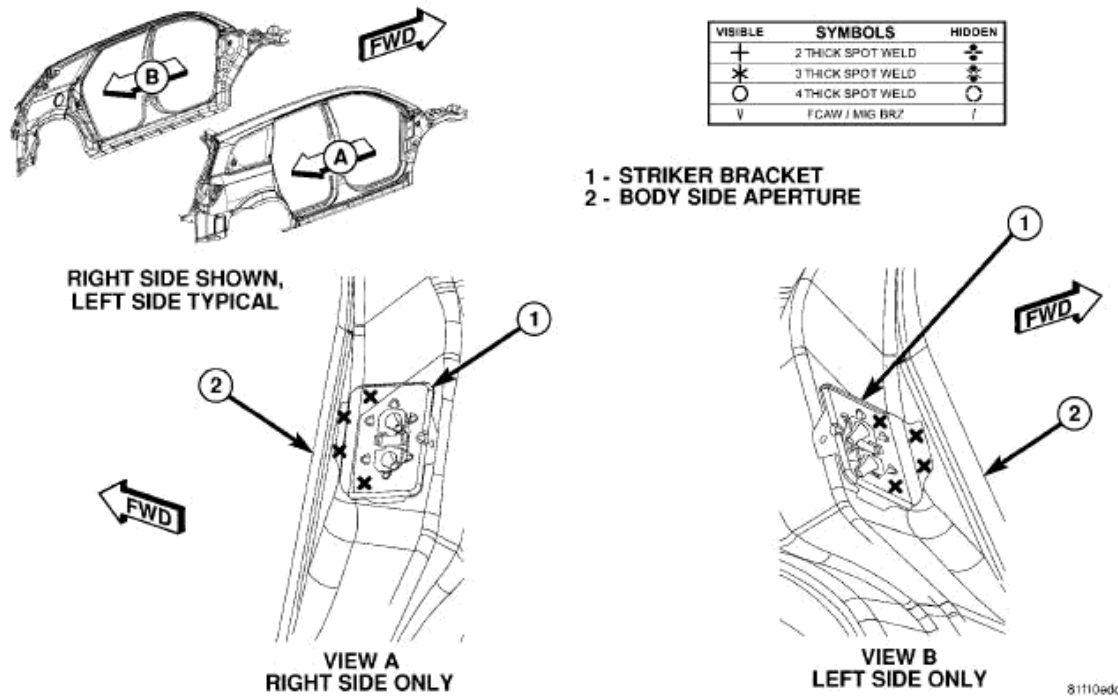


Fig. 417: BODY SIDE APERTURE (6 OF 14)
Courtesy of CHRYSLER LLC

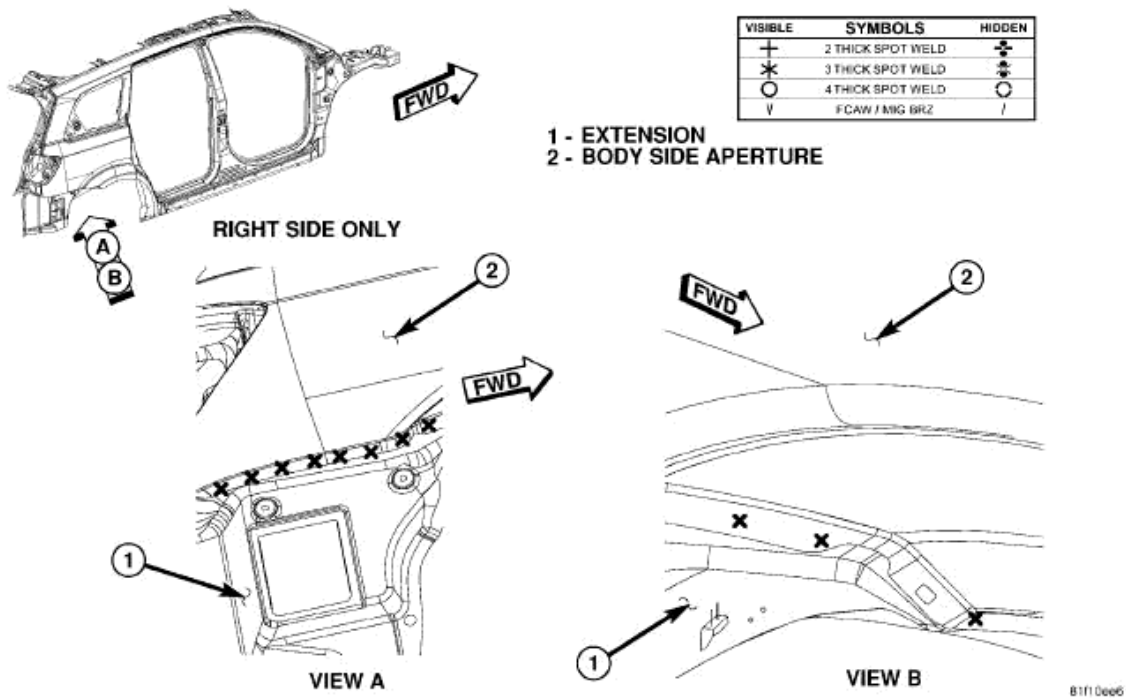


Fig. 418: BODY SIDE APERTURE (7 OF 14)
Courtesy of CHRYSLER LLC

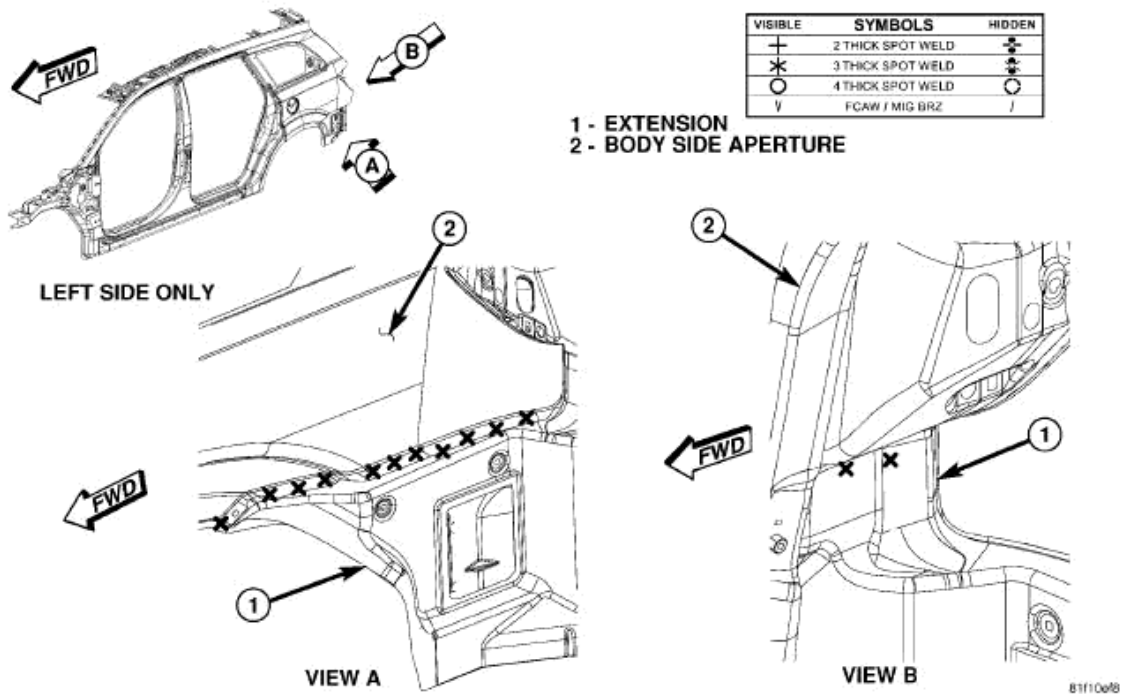
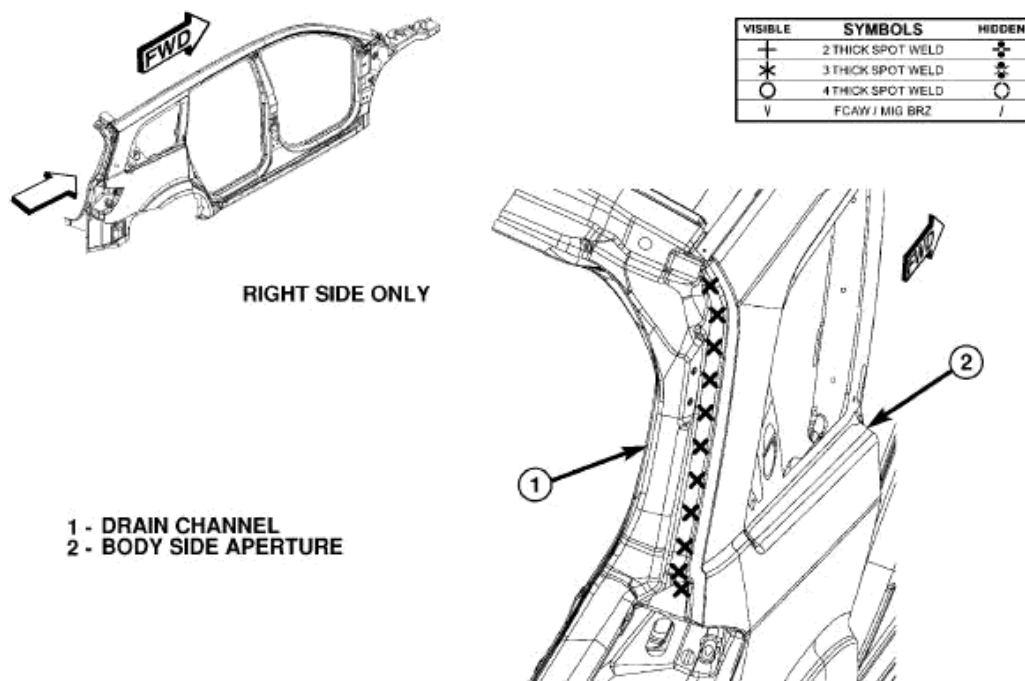
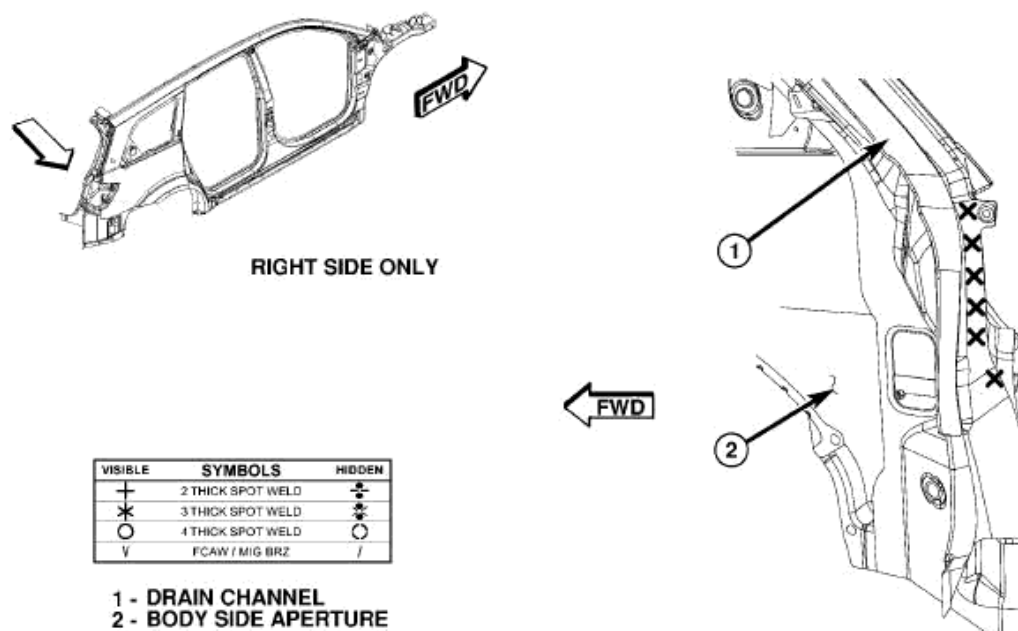


Fig. 419: BODY SIDE APERTURE (8 OF 14)
Courtesy of CHRYSLER LLC



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Fig. 420: BODY SIDE APERTURE (9 OF 14)
Courtesy of CHRYSLER LLC



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Fig. 421: BODY SIDE APERTURE (10 OF 14)
Courtesy of CHRYSLER LLC

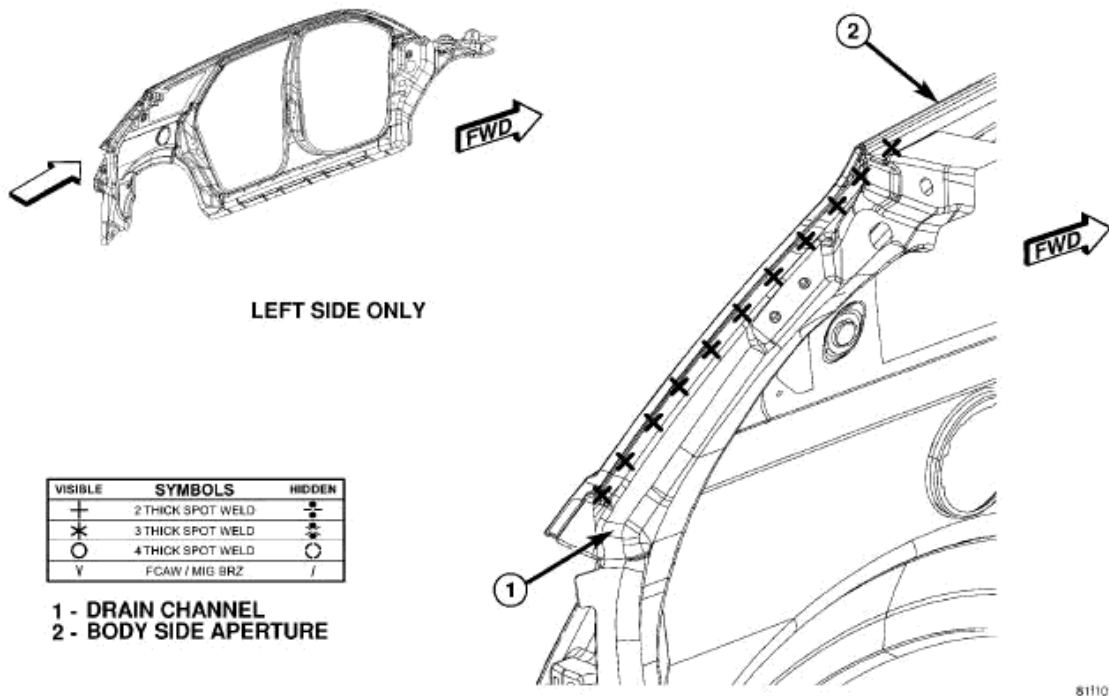


Fig. 422: BODY SIDE APERTURE (11 OF 14)
Courtesy of CHRYSLER LLC

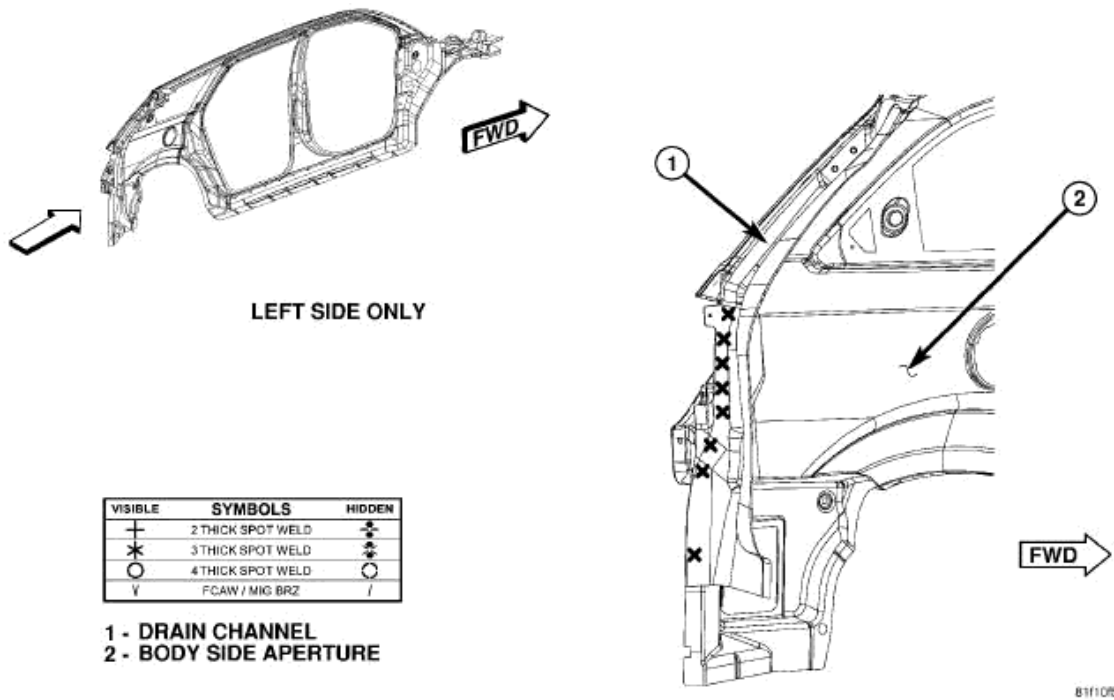


Fig. 423: BODY SIDE APERTURE (12 OF 14)
Courtesy of CHRYSLER LLC

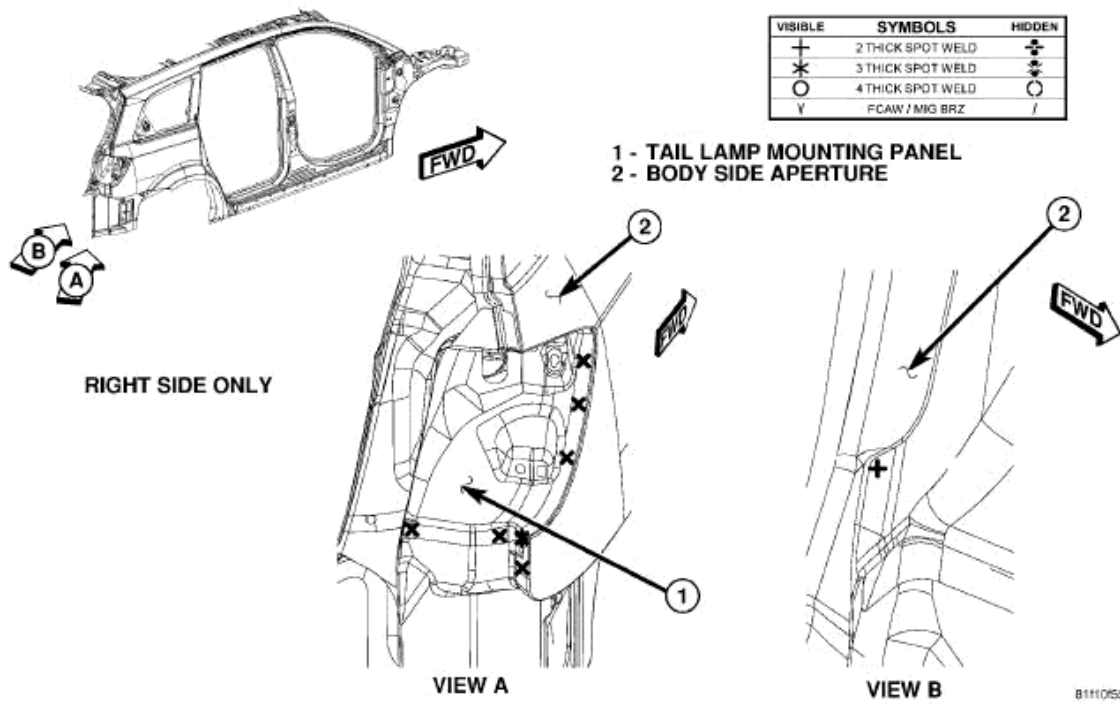


Fig. 424: BODY SIDE APERTURE (13 OF 14)
Courtesy of CHRYSLER LLC

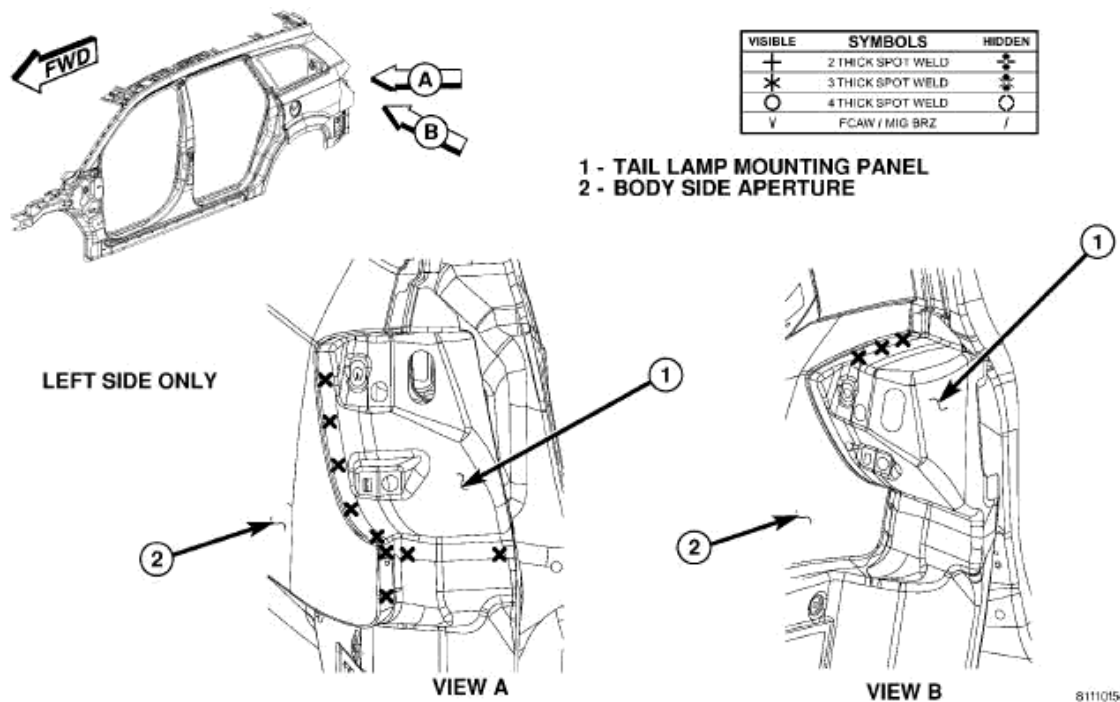


Fig. 425: BODY SIDE APERTURE (14 OF 14)
Courtesy of CHRYSLER LLC

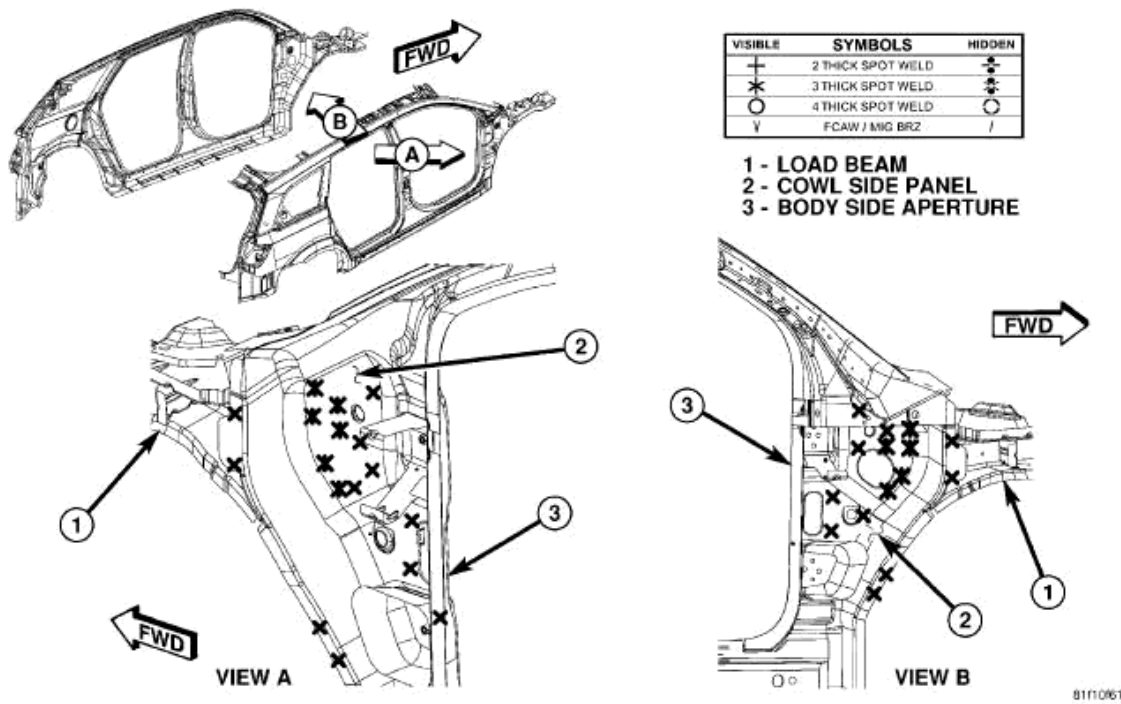


Fig. 426: BODY SIDE APERTURE COMPLETE (1 OF 18)
Courtesy of CHRYSLER LLC

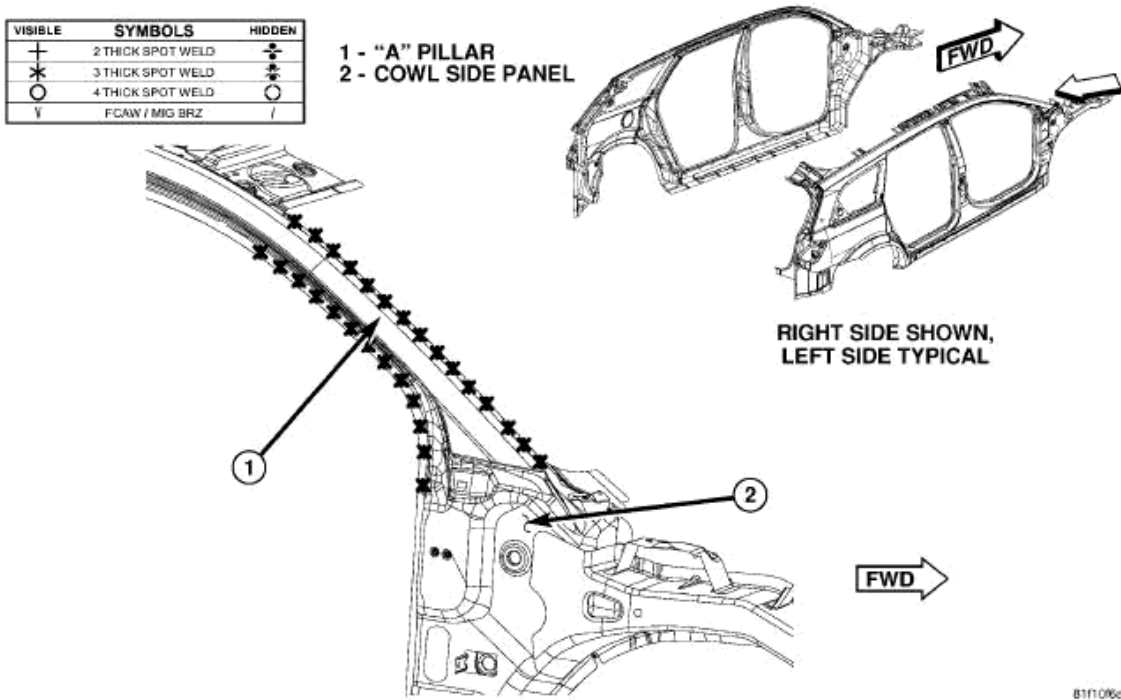


Fig. 427: BODY SIDE APERTURE COMPLETE (2 OF 18)
Courtesy of CHRYSLER LLC

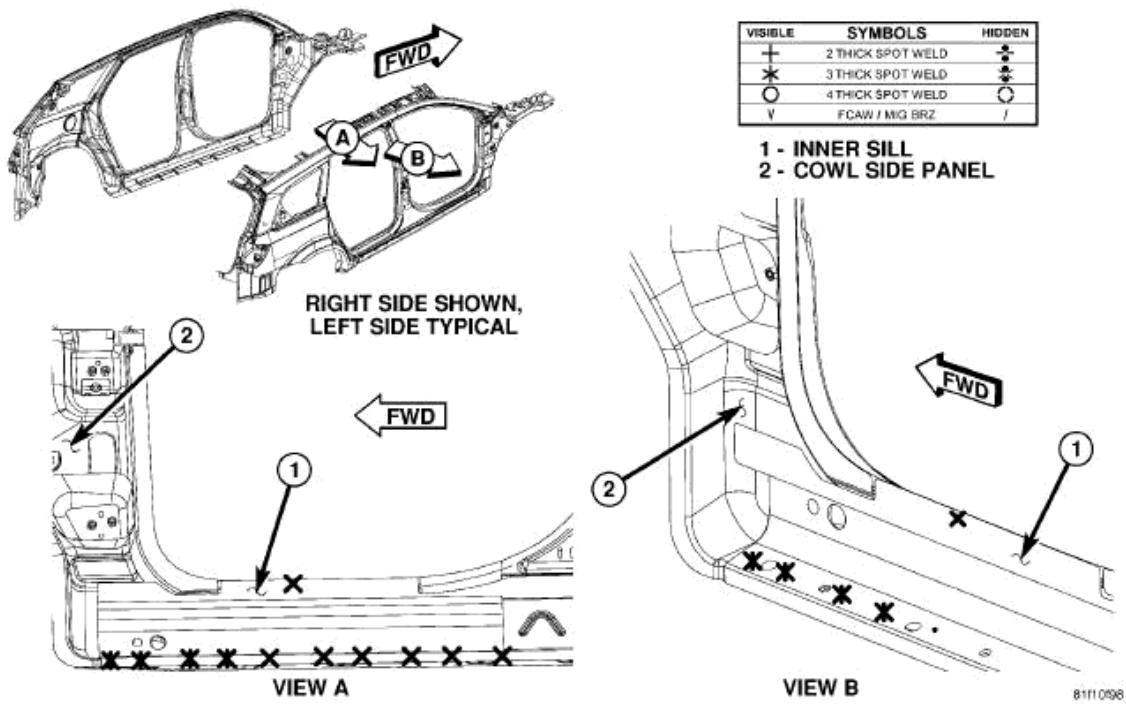


Fig. 428: BODY SIDE APERTURE COMPLETE (3 OF 18)
Courtesy of CHRYSLER LLC

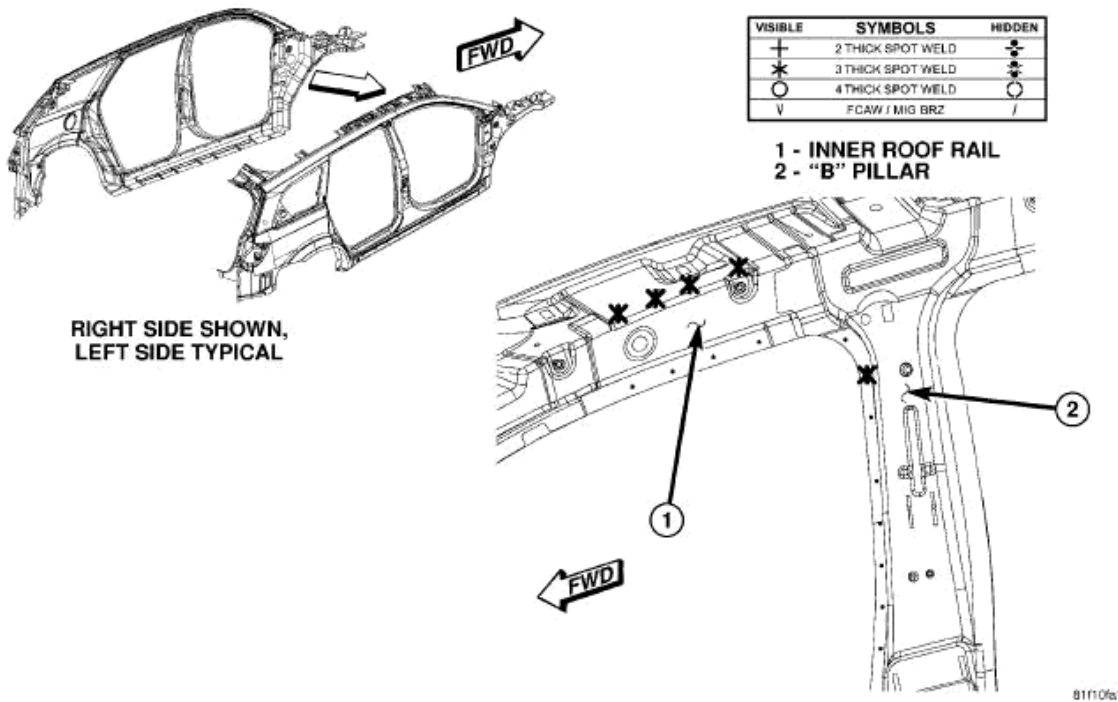
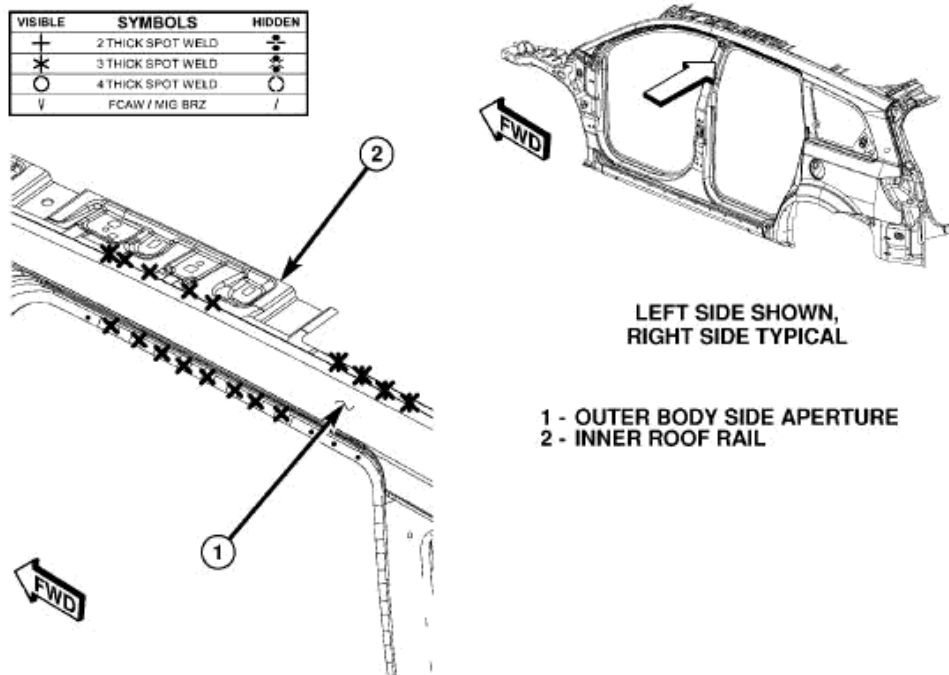


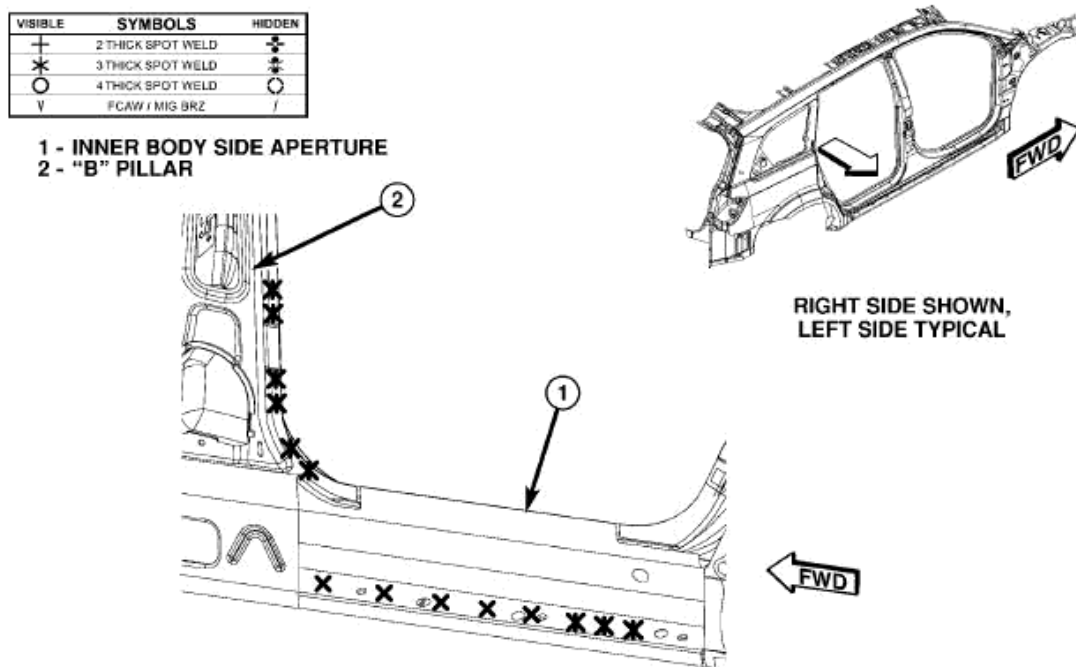
Fig. 429: BODY SIDE APERTURE COMPLETE (4 OF 18)
Courtesy of CHRYSLER LLC



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Fig. 430: BODY SIDE APERTURE COMPLETE (5 OF 18)

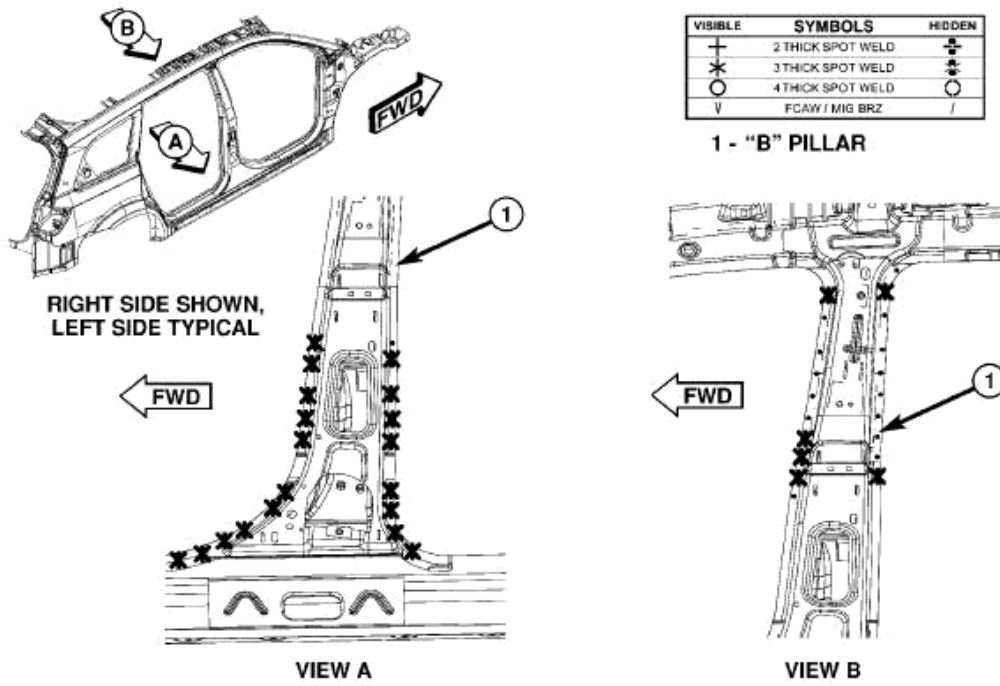
Courtesy of CHRYSLER LLC



8111069

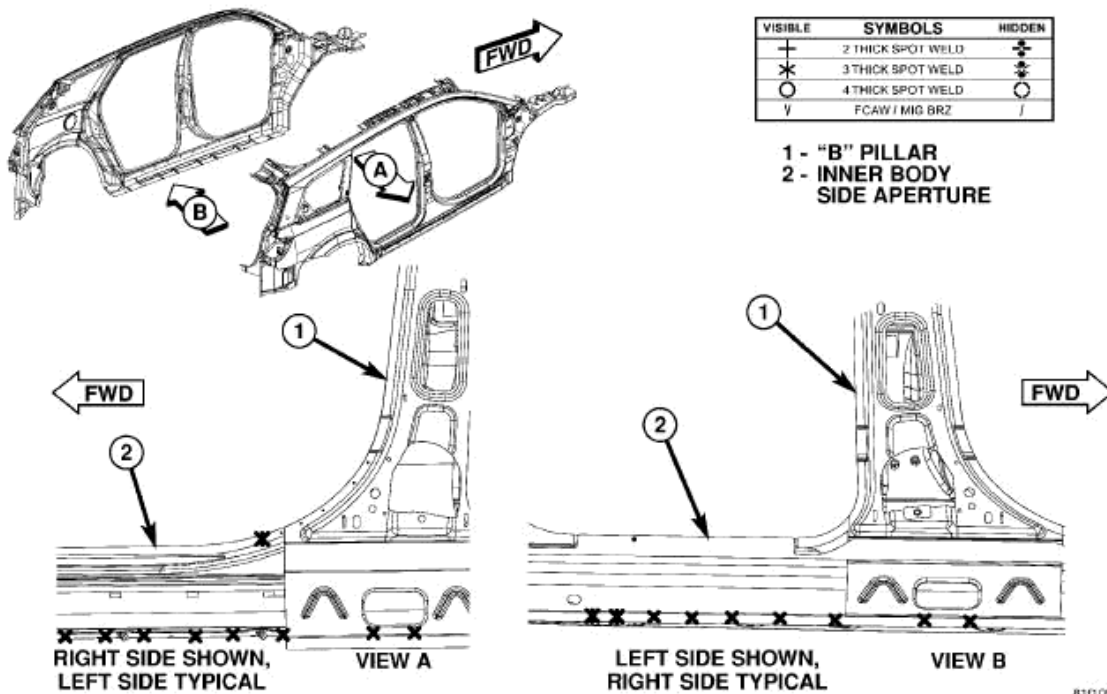
Fig. 431: BODY SIDE APERTURE COMPLETE (6 OF 18)

Courtesy of CHRYSLER LLC



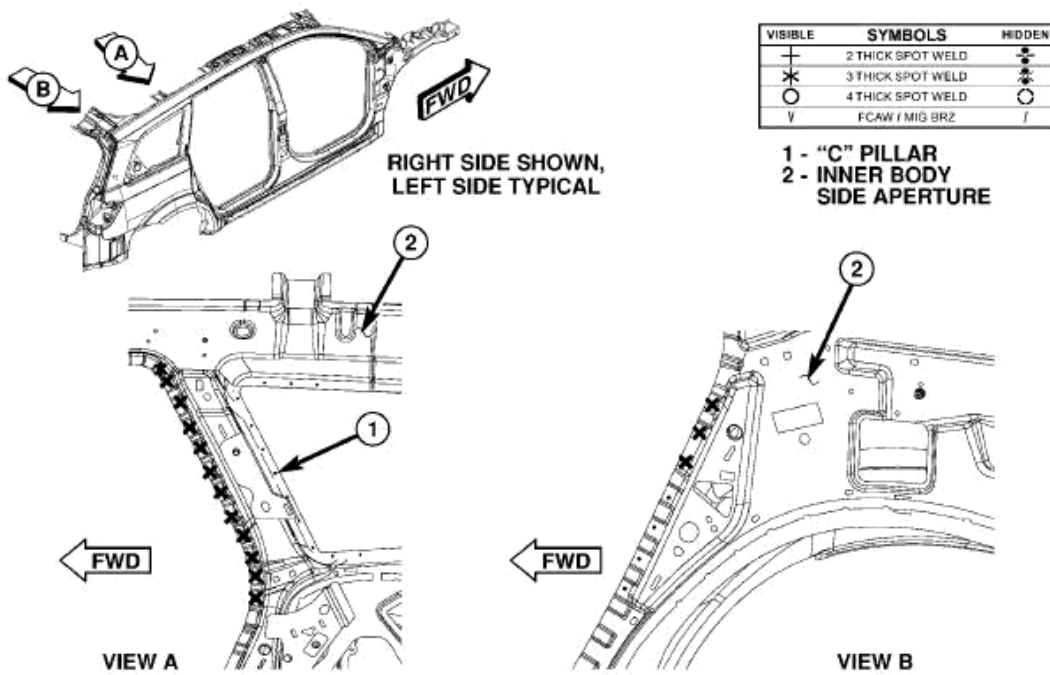
8111065

Fig. 432: BODY SIDE APERTURE COMPLETE (7 OF 18)
Courtesy of CHRYSLER LLC



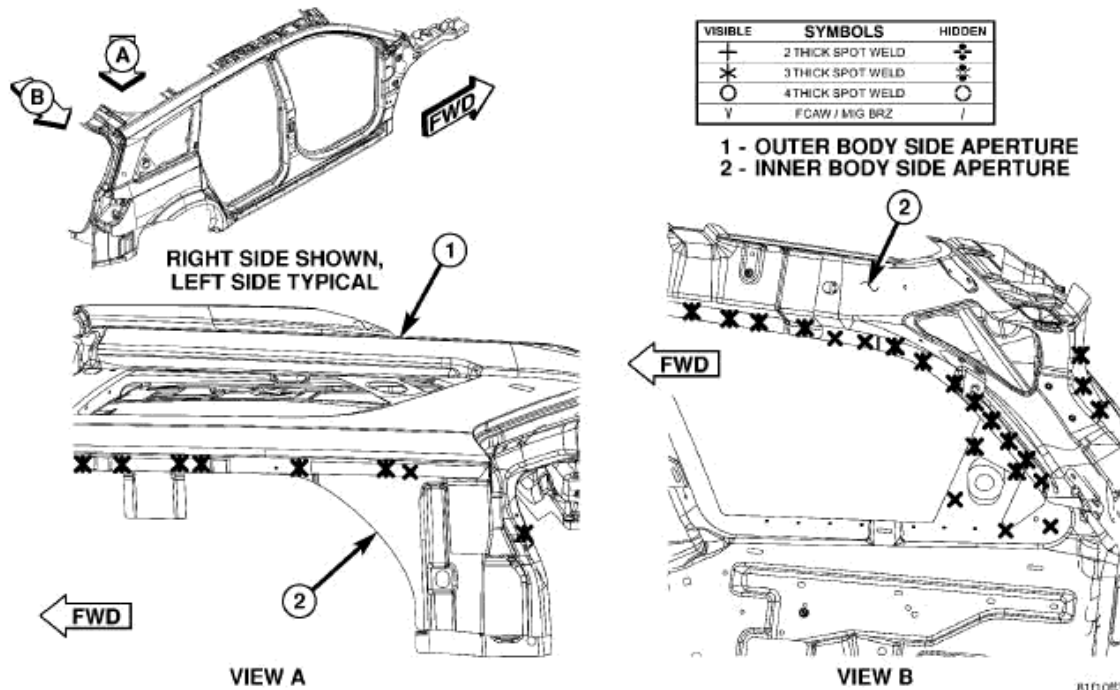
8111063

Fig. 433: BODY SIDE APERTURE COMPLETE (8 OF 18)
Courtesy of CHRYSLER LLC



8111062

Fig. 434: BODY SIDE APERTURE COMPLETE (9 OF 18)
Courtesy of CHRYSLER LLC



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Fig. 435: BODY SIDE APERTURE COMPLETE (10 OF 18)
Courtesy of CHRYSLER LLC

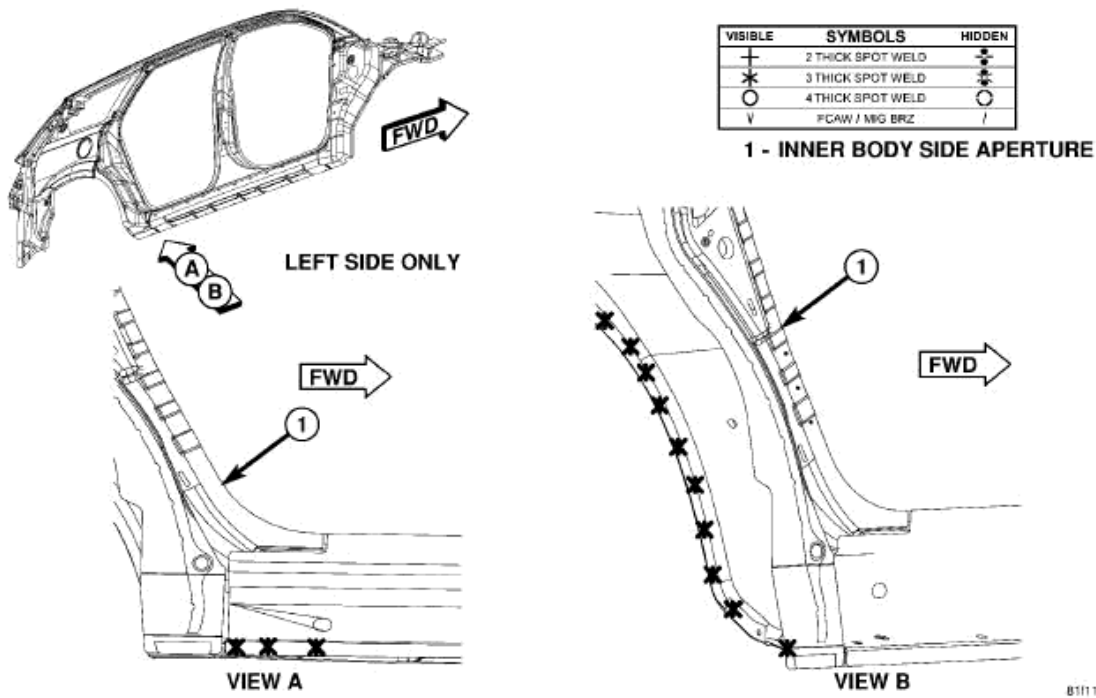


Fig. 436: BODY SIDE APERTURE COMPLETE (11 OF 18)
Courtesy of CHRYSLER LLC

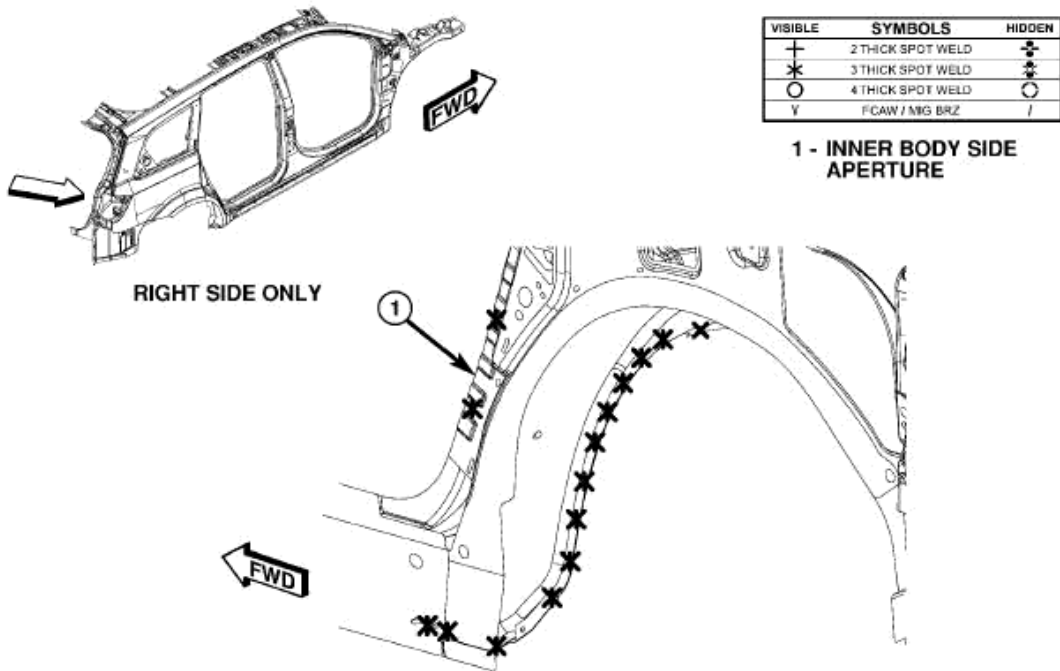
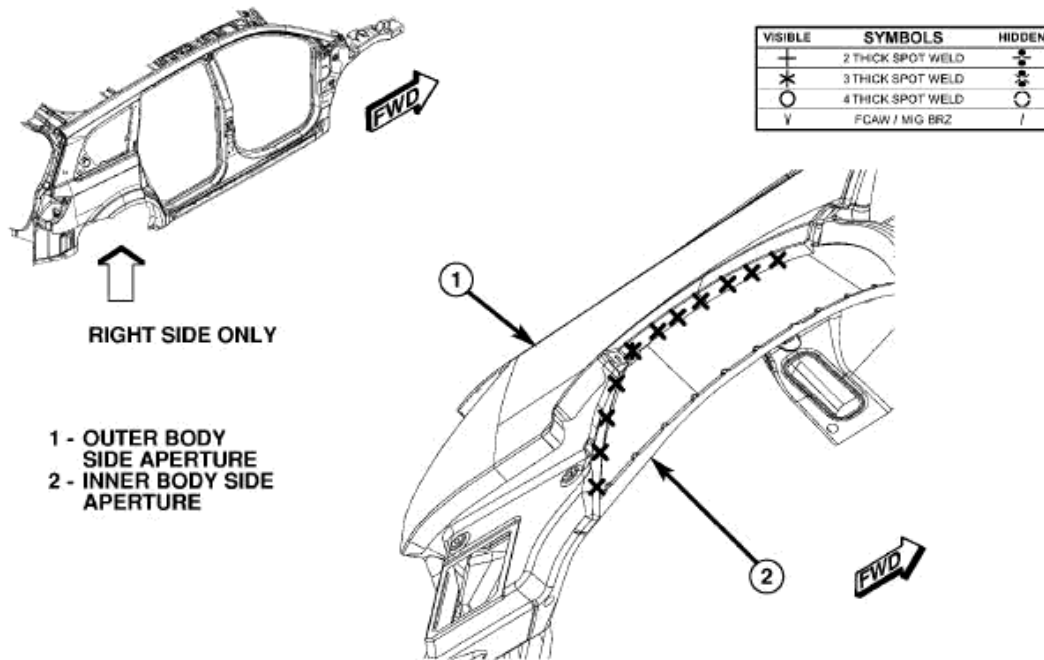
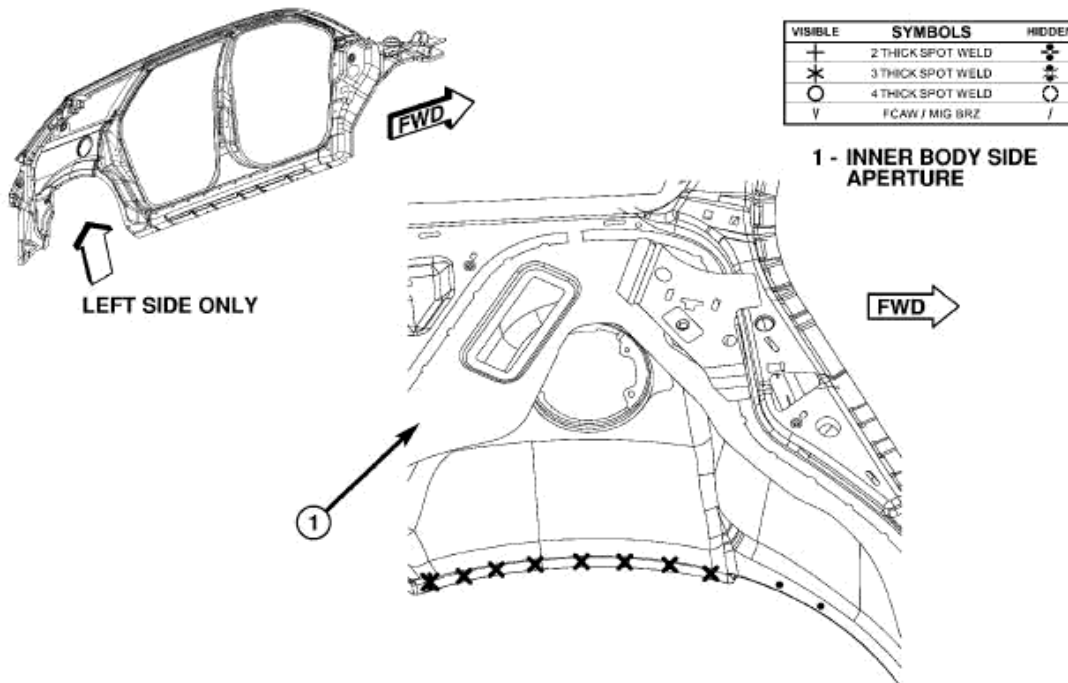


Fig. 437: BODY SIDE APERTURE COMPLETE (12 OF 18)
Courtesy of CHRYSLER LLC



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Fig. 438: BODY SIDE APERTURE COMPLETE (13 OF 18)
Courtesy of CHRYSLER LLC



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Fig. 439: BODY SIDE APERTURE COMPLETE (14 OF 18)
Courtesy of CHRYSLER LLC

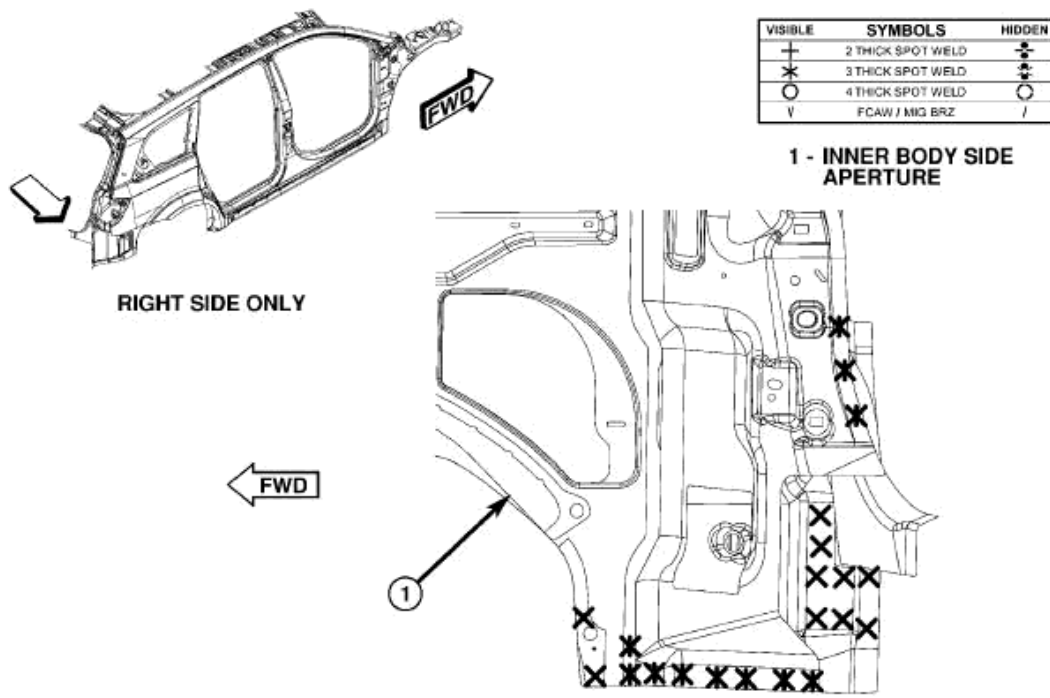


Fig. 440: BODY SIDE APERTURE COMPLETE (15 OF 18)
Courtesy of CHRYSLER LLC

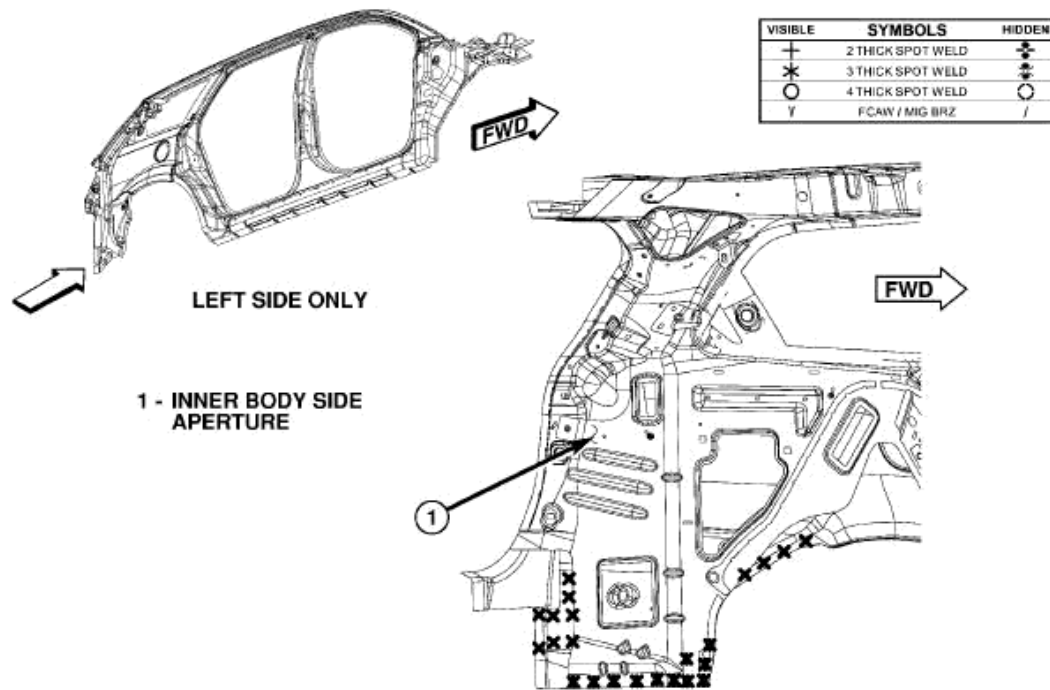


Fig. 441: BODY SIDE APERTURE COMPLETE (16 OF 18)
Courtesy of CHRYSLER LLC

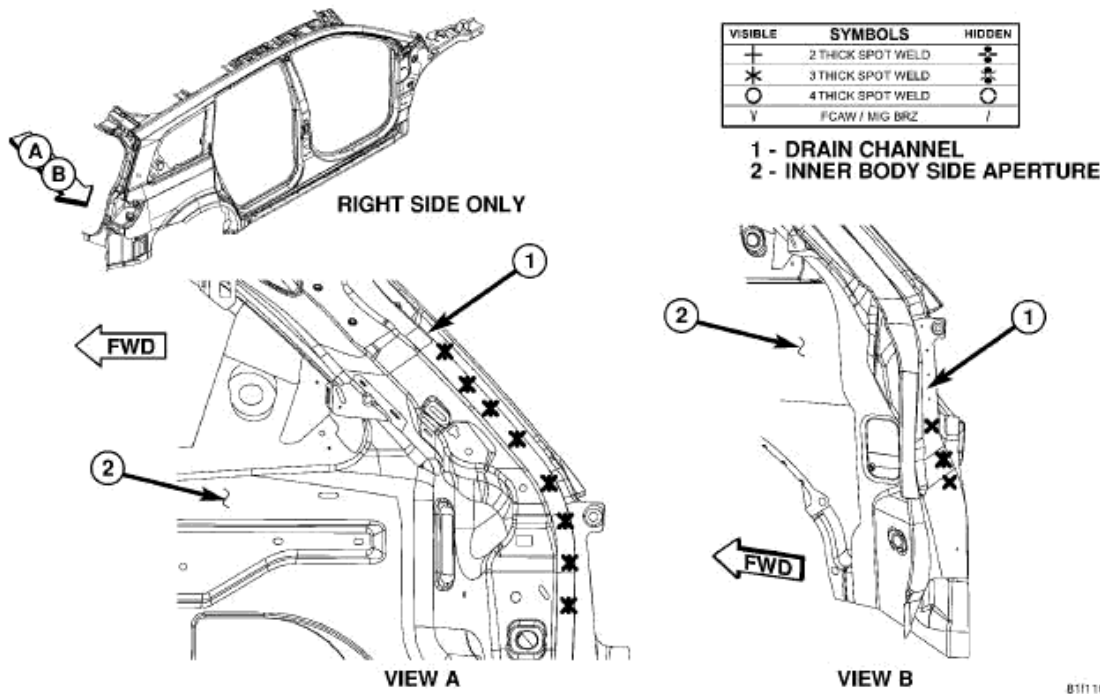


Fig. 442: BODY SIDE APERTURE COMPLETE (17 OF 18)
Courtesy of CHRYSLER LLC

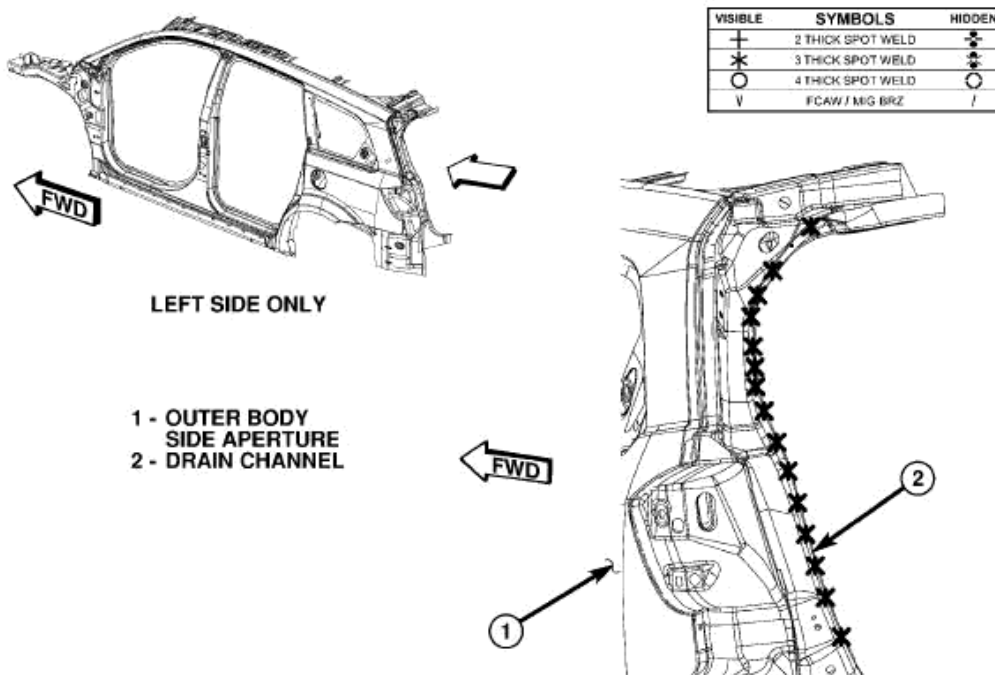


Fig. 443: BODY SIDE APERTURE COMPLETE (18 OF 18)
Courtesy of CHRYSLER LLC

2009 Dodge Journey R/T

2009 ACCESSORIES AND EQUIPMENT Body - Journey

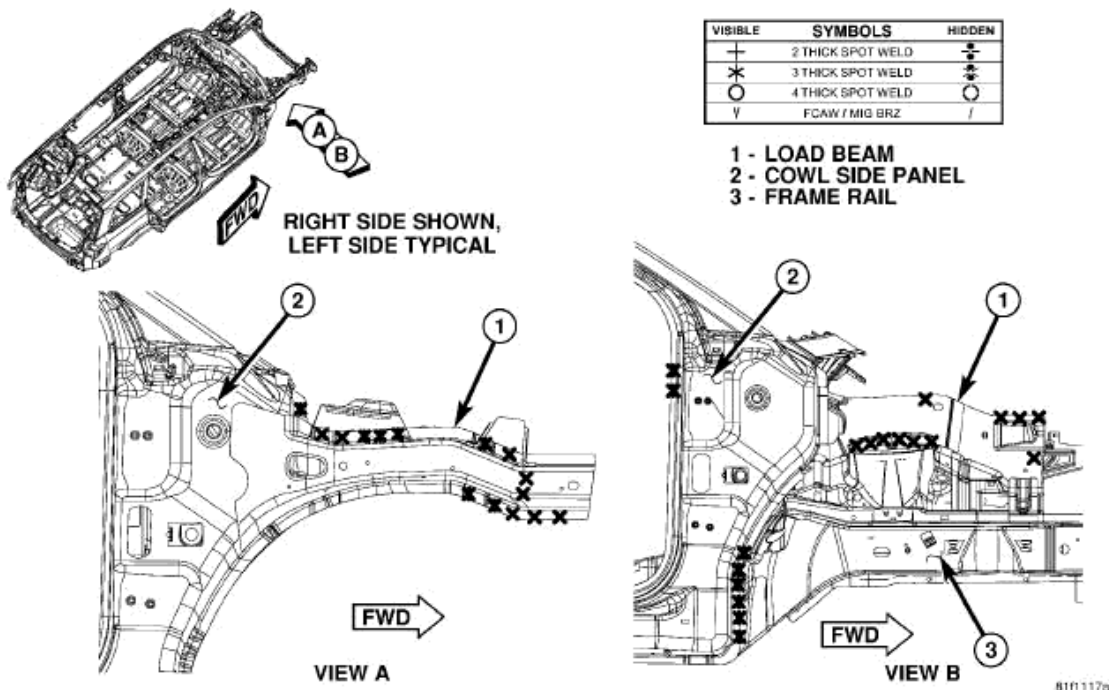


Fig. 444: BODY IN WHITE (1 OF 6)
Courtesy of CHRYSLER LLC

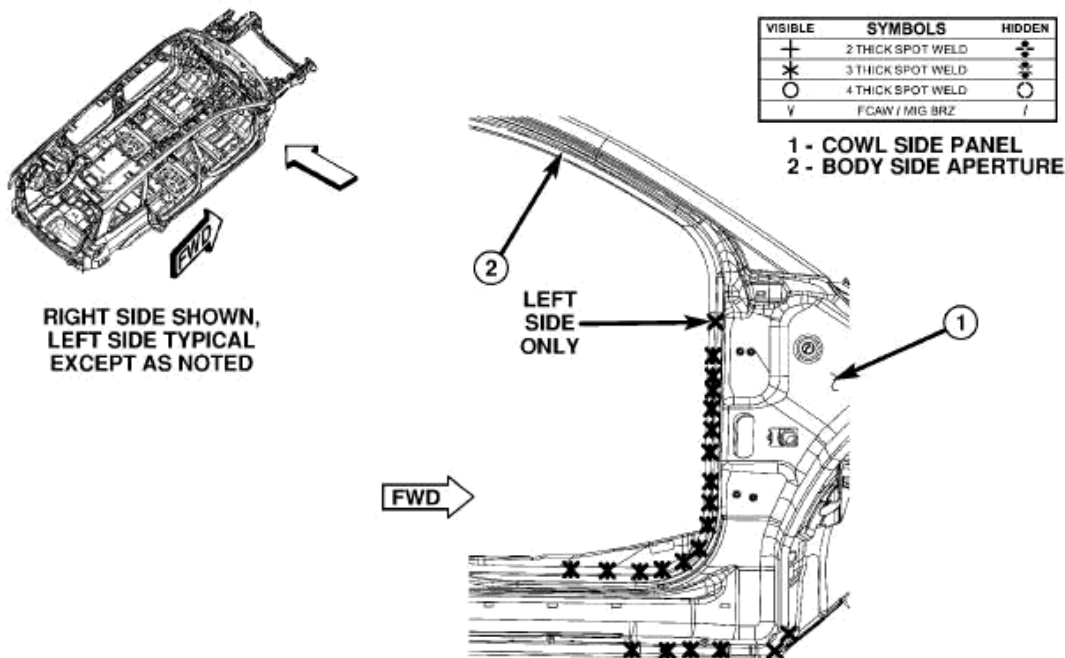


Fig. 445: BODY IN WHITE (2 OF 6)
Courtesy of CHRYSLER LLC

2009 Dodge Journey R/T

2009 ACCESSORIES AND EQUIPMENT Body - Journey

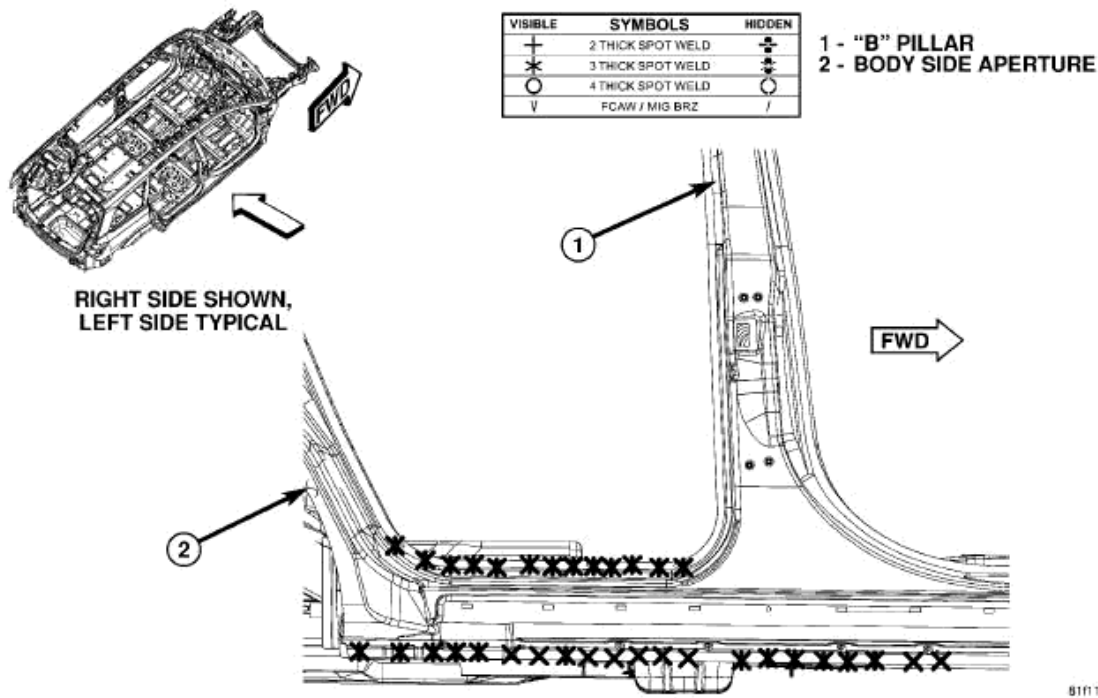


Fig. 446: BODY IN WHITE (3 OF 6)
Courtesy of CHRYSLER LLC

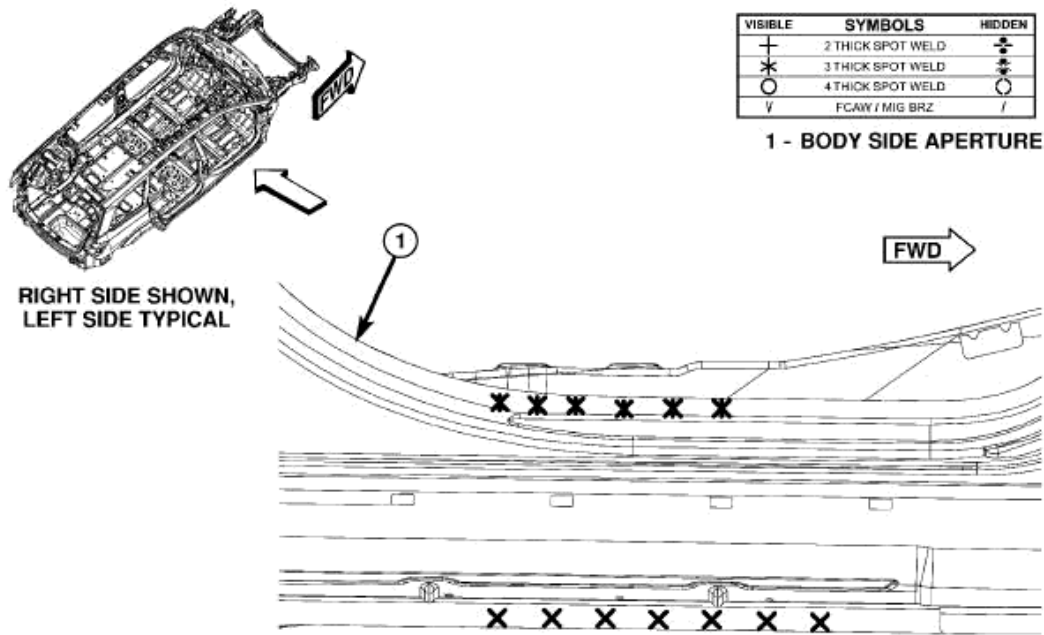


Fig. 447: BODY IN WHITE (4 OF 6)
Courtesy of CHRYSLER LLC

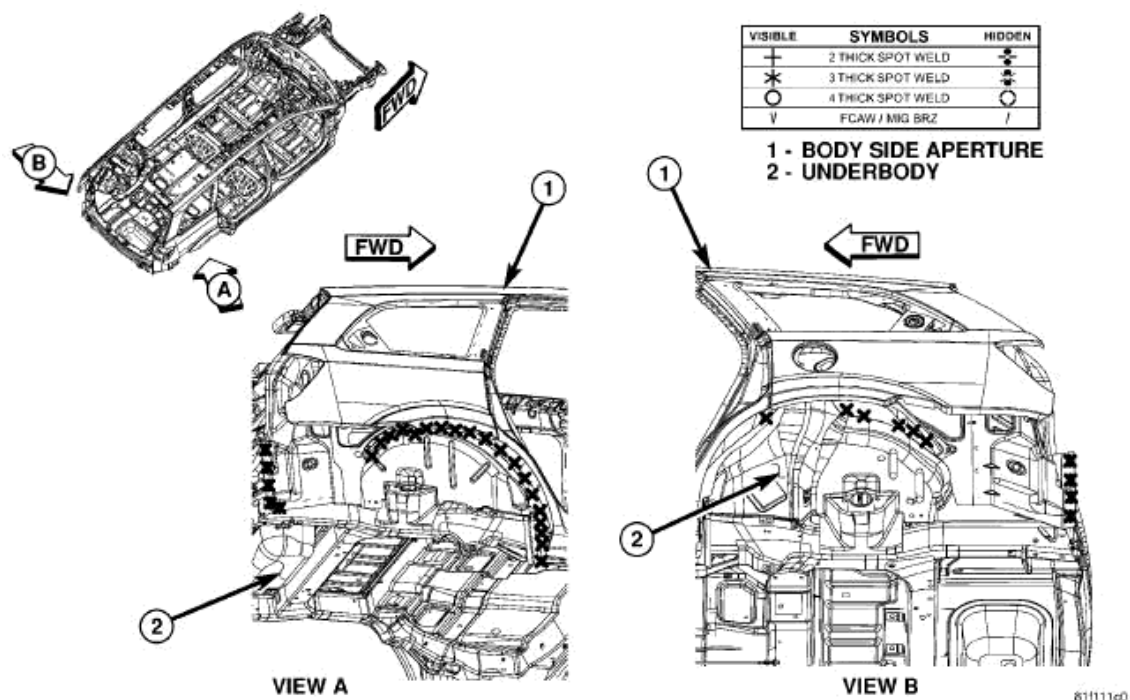


Fig. 448: BODY IN WHITE (5 OF 6)
Courtesy of CHRYSLER LLC

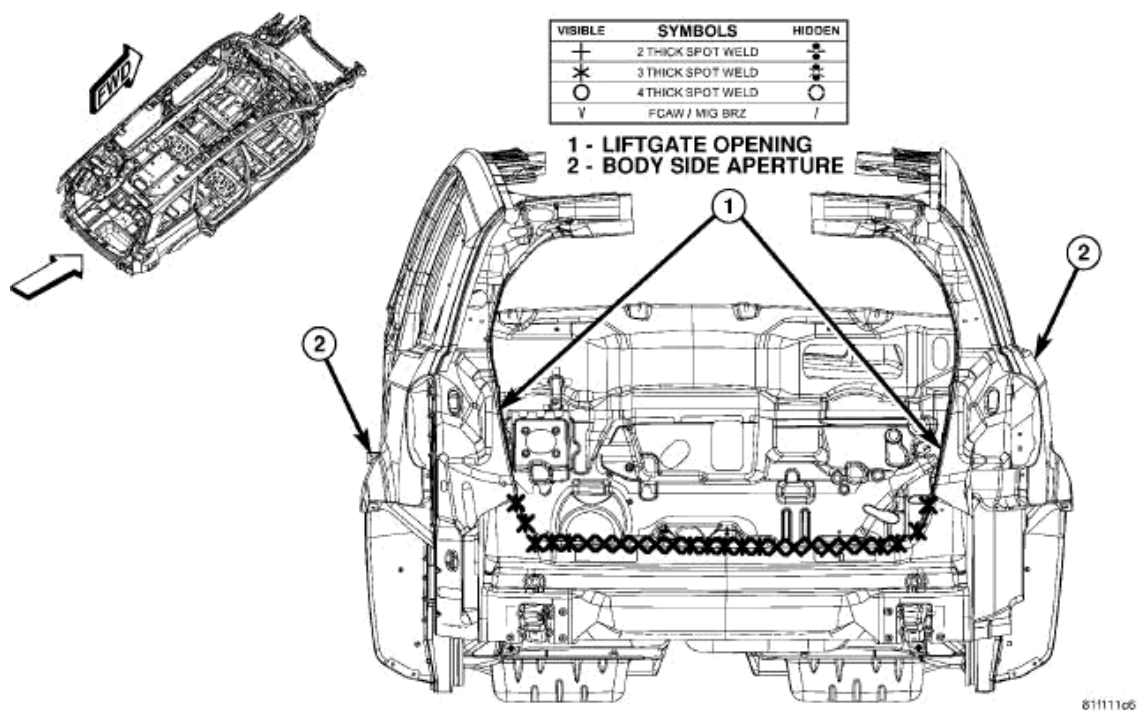


Fig. 449: BODY IN WHITE (6 OF 6)
Courtesy of CHRYSLER LLC

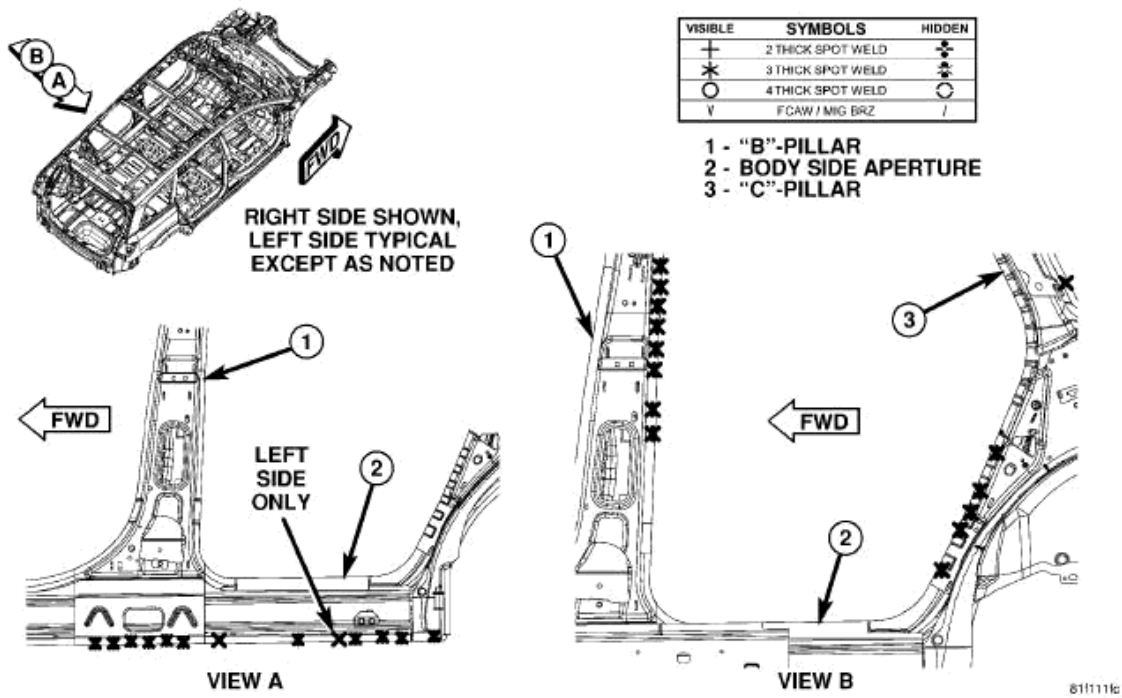


Fig. 450: BODY IN WHITE COMPLETE (1 OF 6)
Courtesy of CHRYSLER LLC

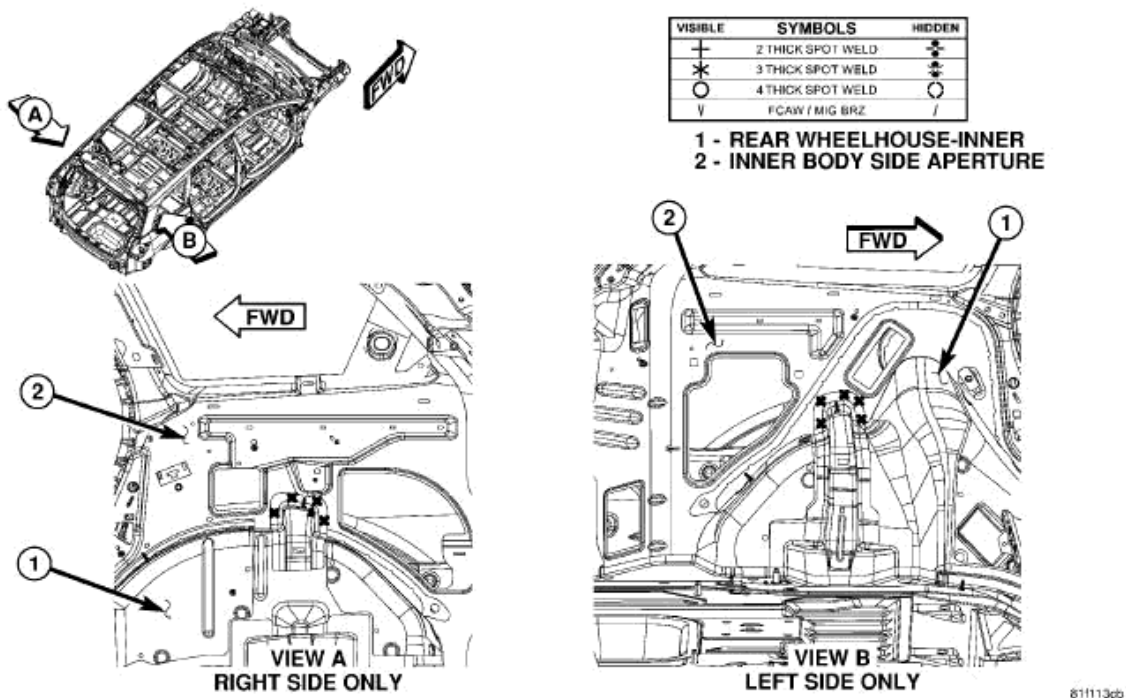


Fig. 451: BODY IN WHITE COMPLETE (2 OF 6)
Courtesy of CHRYSLER LLC

2009 Dodge Journey R/T

2009 ACCESSORIES AND EQUIPMENT Body - Journey

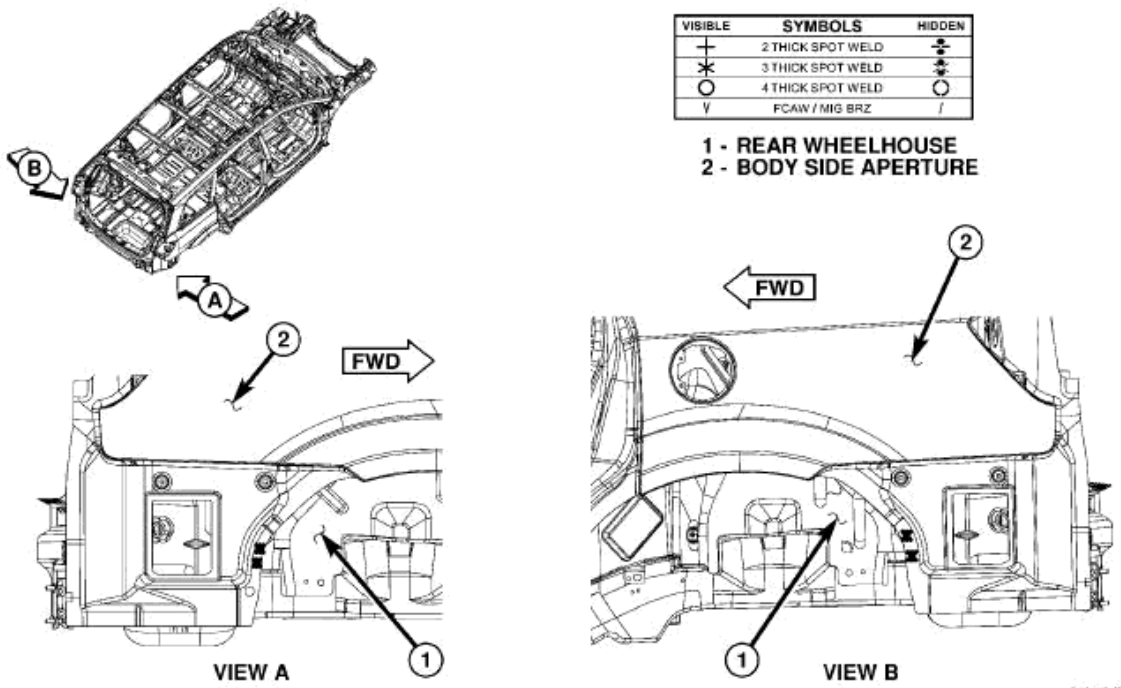


Fig. 452: BODY IN WHITE COMPLETE (3 OF 6)
Courtesy of CHRYSLER LLC

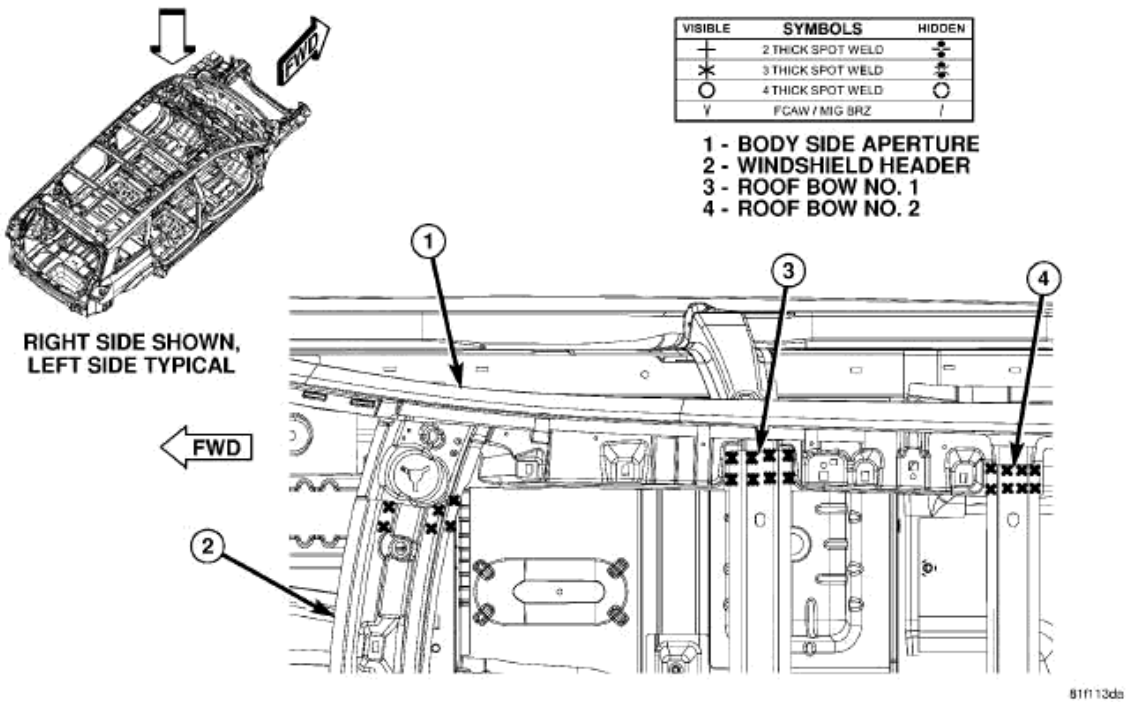
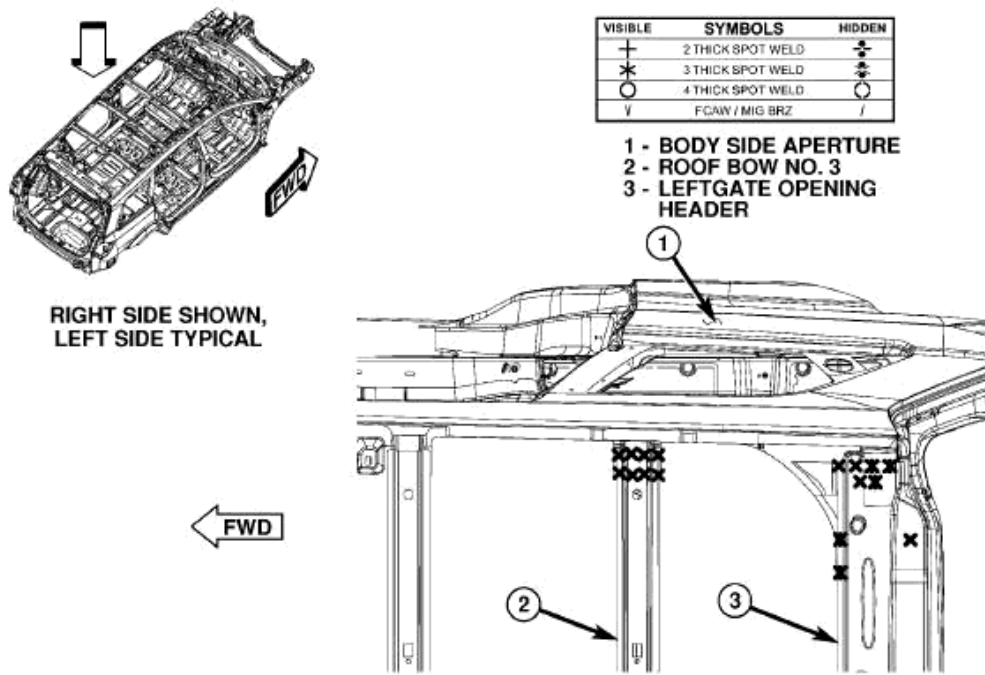
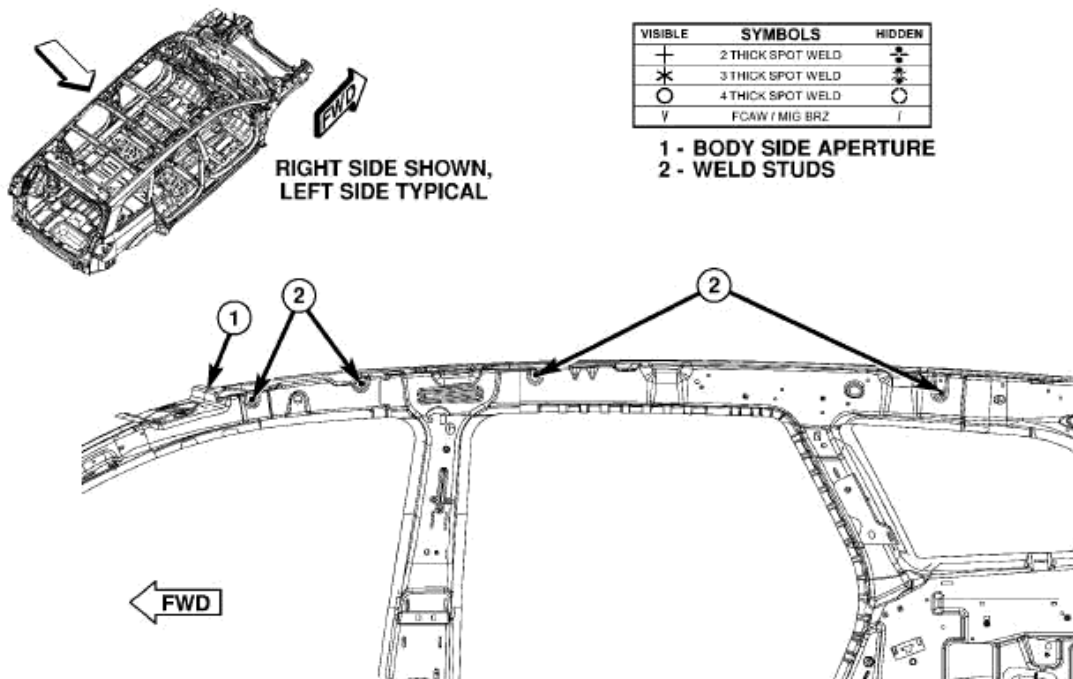


Fig. 453: BODY IN WHITE COMPLETE (4 OF 6)
Courtesy of CHRYSLER LLC



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Fig. 454: BODY IN WHITE COMPLETE (5 OF 6)
Courtesy of CHRYSLER LLC



81f113e1

Fig. 455: BODY IN WHITE COMPLETE (6 OF 6)
Courtesy of CHRYSLER LLC

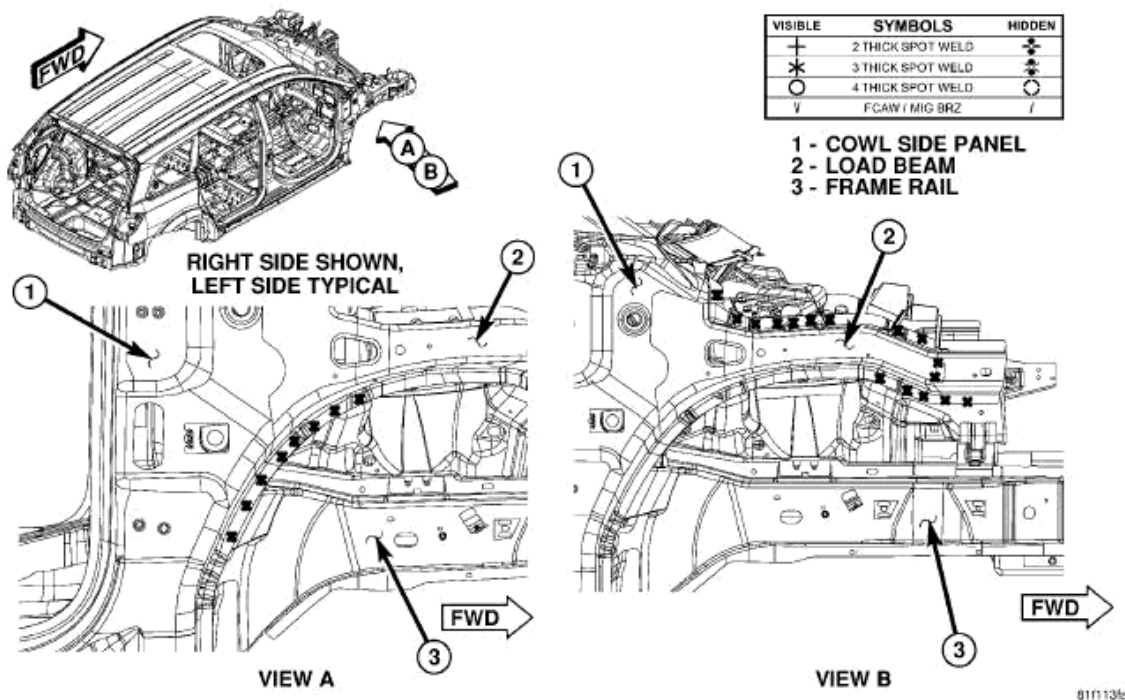


Fig. 456: BODY IN WHITE COMPLETE W/ROOF (1 OF 10)
Courtesy of CHRYSLER LLC

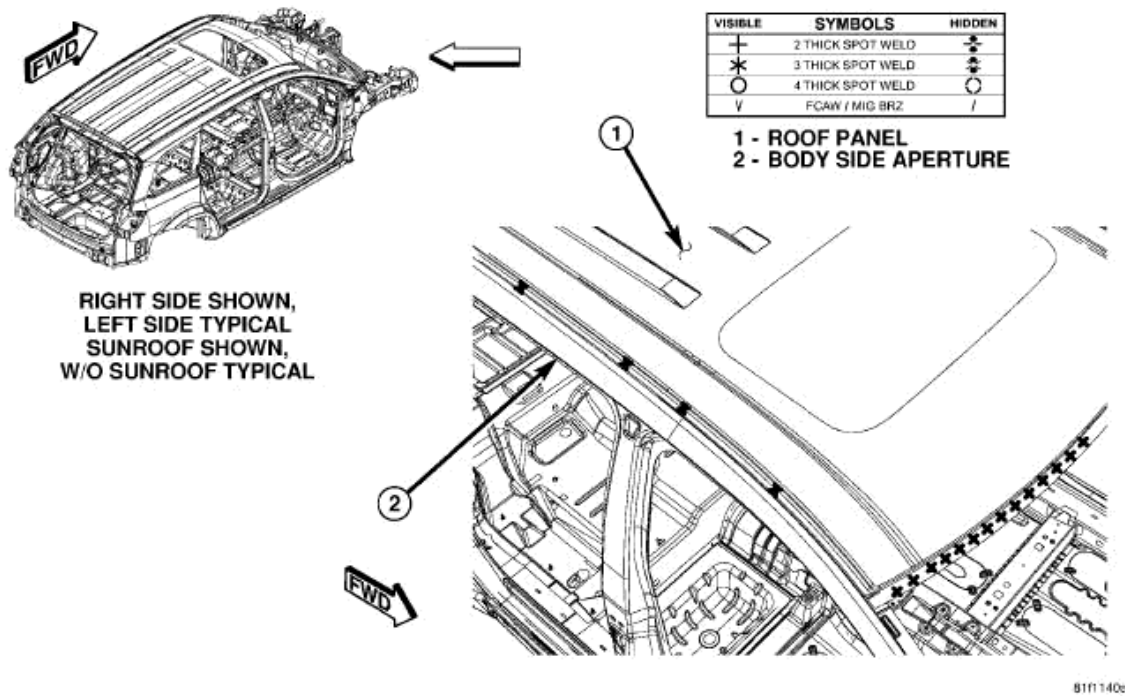


Fig. 457: BODY IN WHITE COMPLETE W/ROOF (2 OF 10)
Courtesy of CHRYSLER LLC

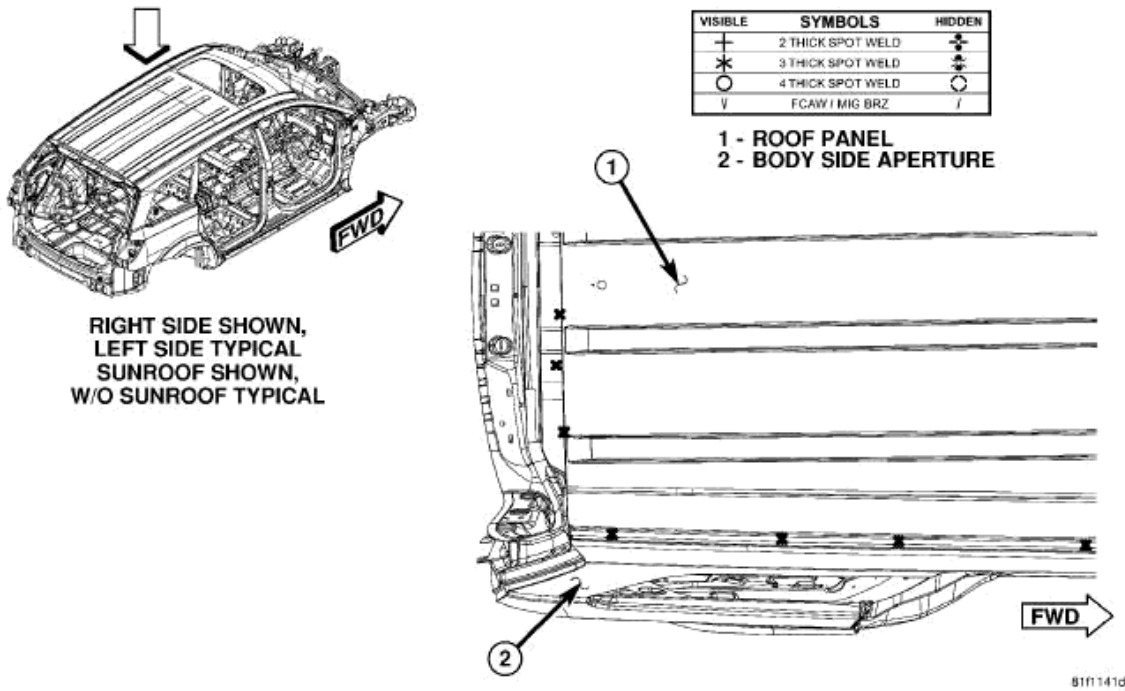


Fig. 458: BODY IN WHITE COMPLETE W/ROOF (3 OF 10)
Courtesy of CHRYSLER LLC

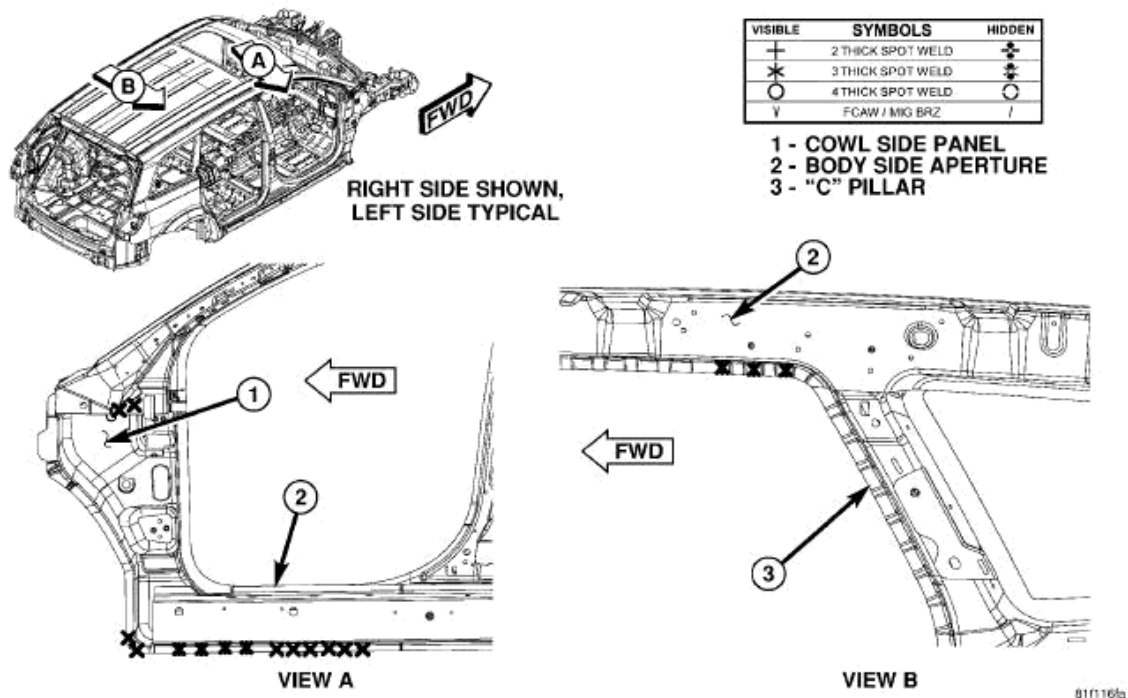
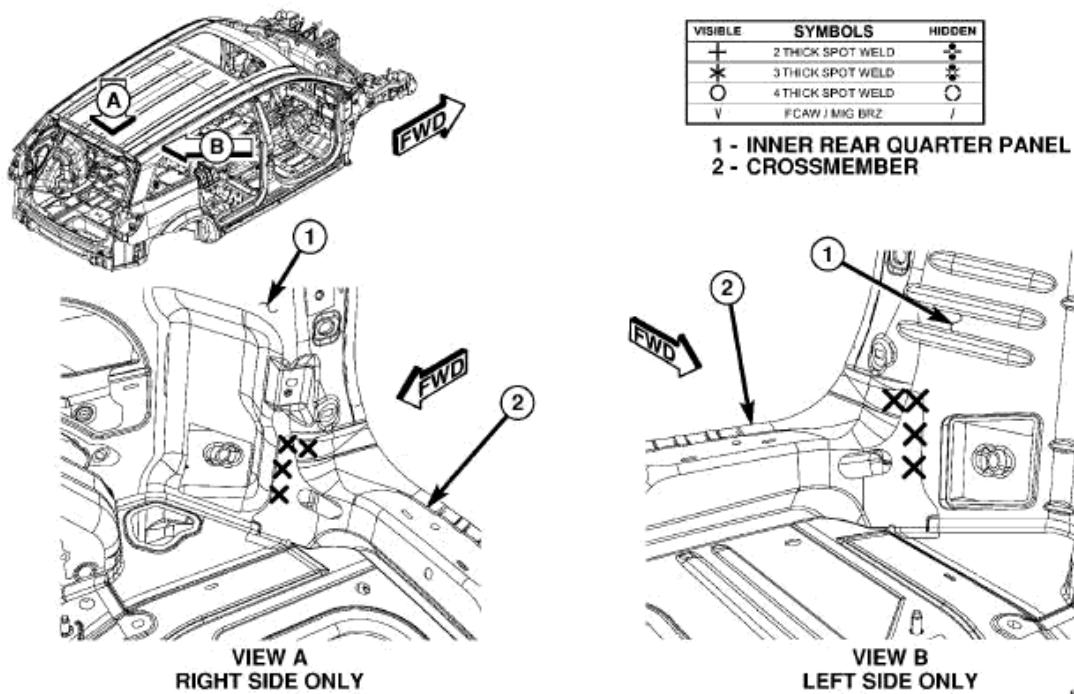
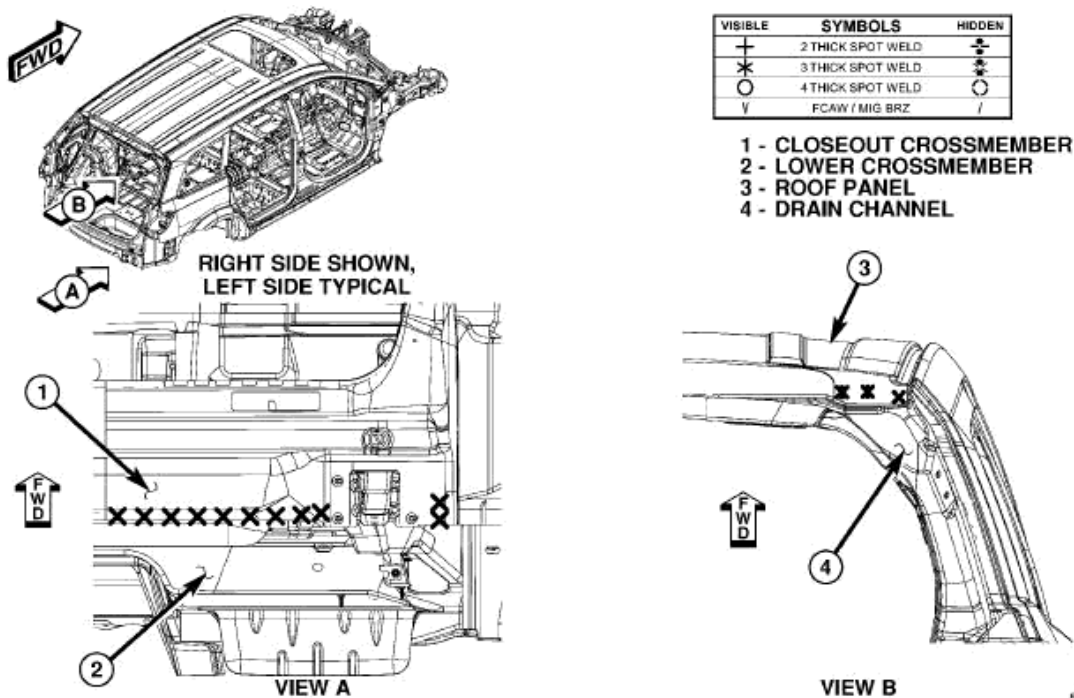


Fig. 459: BODY IN WHITE COMPLETE W/ROOF (4 OF 10)
Courtesy of CHRYSLER LLC



8111713

Fig. 460: BODY IN WHITE COMPLETE W/ROOF (5 OF 10)
Courtesy of CHRYSLER LLC



8111718

Fig. 461: BODY IN WHITE COMPLETE W/ROOF (6 OF 10)
Courtesy of CHRYSLER LLC

2009 Dodge Journey R/T

2009 ACCESSORIES AND EQUIPMENT Body - Journey

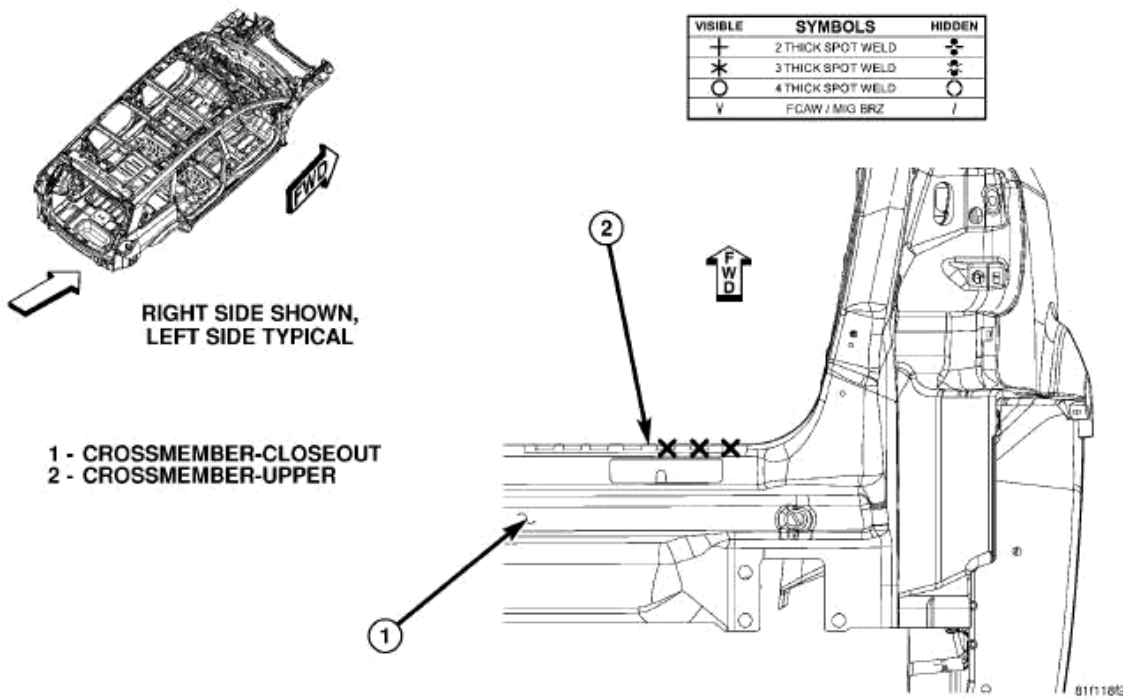


Fig. 462: BODY IN WHITE COMPLETE W/ROOF (7 OF 10)
Courtesy of CHRYSLER LLC

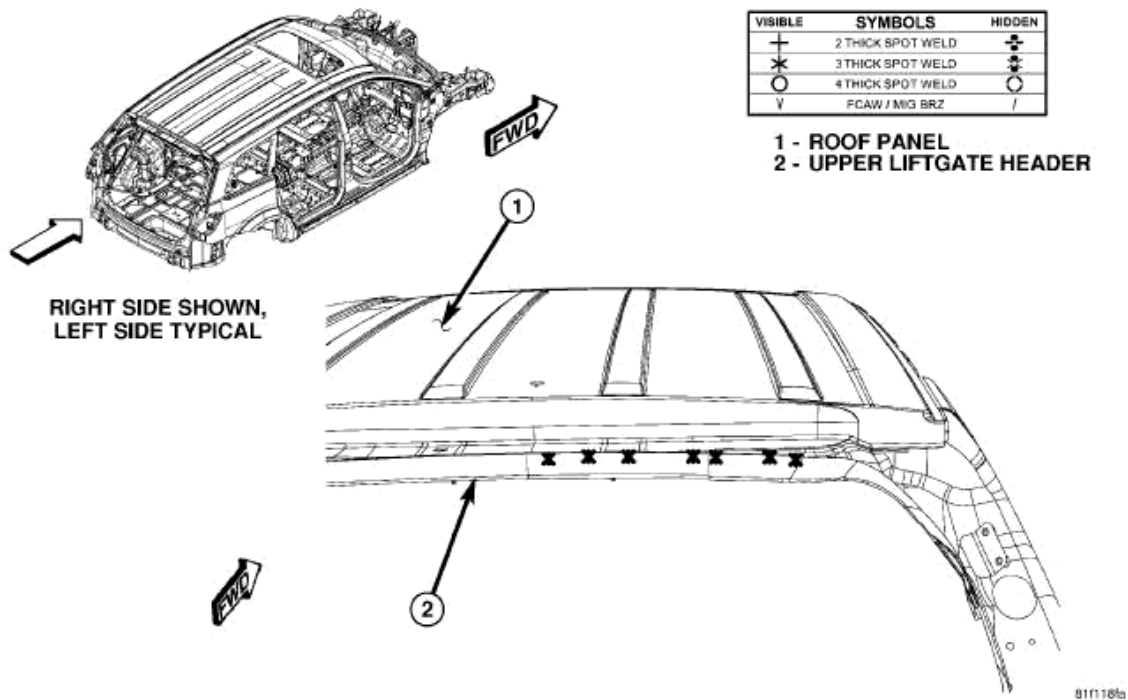
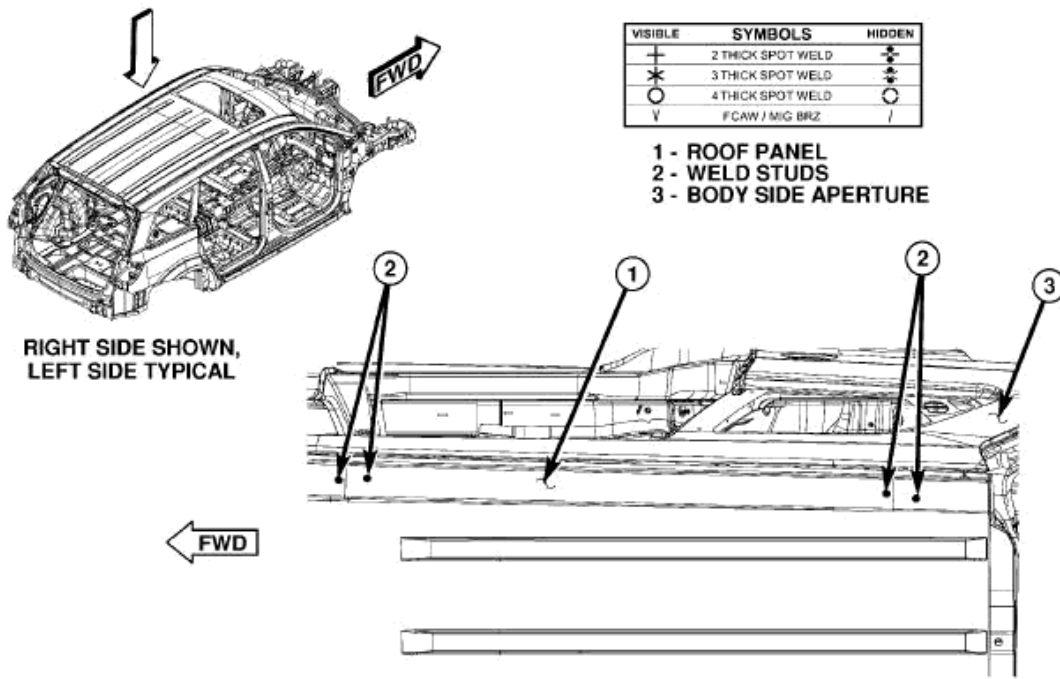


Fig. 463: BODY IN WHITE COMPLETE W/ROOF (8 OF 10)
Courtesy of CHRYSLER LLC

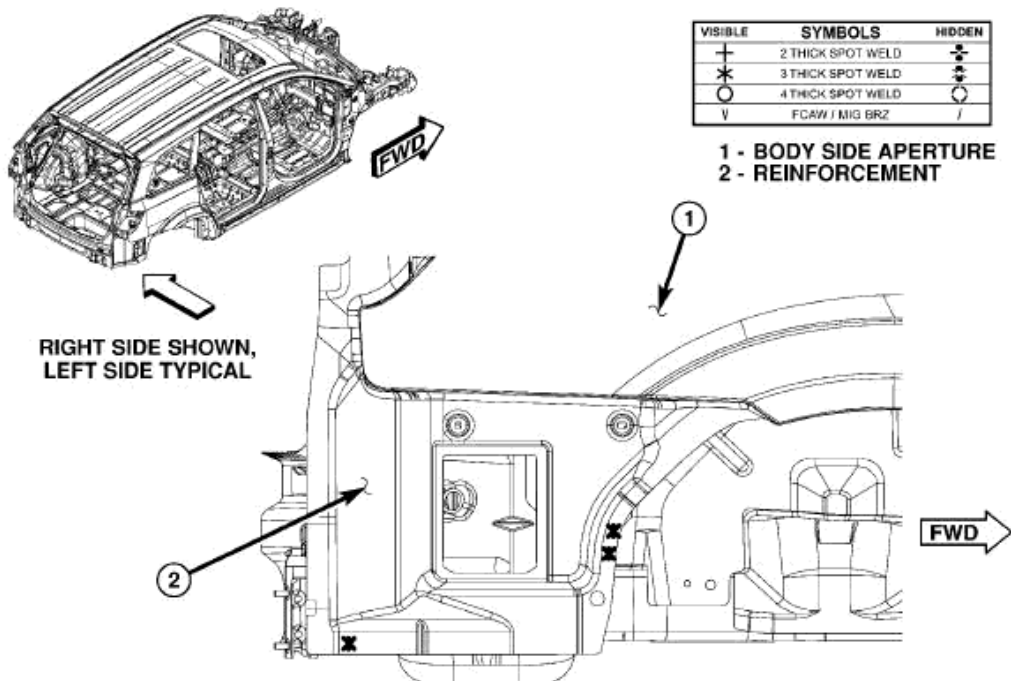
2009 Dodge Journey R/T

2009 ACCESSORIES AND EQUIPMENT Body - Journey



81111901

Fig. 464: BODY IN WHITE COMPLETE W/ROOF (9 OF 10)
Courtesy of CHRYSLER LLC



81111902

Fig. 465: BODY IN WHITE COMPLETE W/ROOF (10 OF 10)
Courtesy of CHRYSLER LLC