

2017 ACCESSORIES & EQUIPMENT

Seat Hardware, Trim, and Upholstery - Impala

SPECIFICATIONS

FASTENER SPECIFICATIONS

Reusable Threaded Fastener Tightening Specifications

NOTE:

All fasteners listed in this table can be reused after removal.

Application	Specification
	Metric (English)
Driver or Passenger Seat Back Cushion Frame Bolt	50 N.m (37 lb ft)
Driver or Passenger Seat Bolt	45 N.m (33 lb ft)
Driver or Passenger Seat Cushion Frame Bolt	35 N.m (26 lb ft)
Rear Seat Back Cushion Hinge Fastener	45 N.m (33 lb ft)
Rear Seat Back Cushion Pivot Support Bolt	23 N.m (17 lb ft)
Rear Seat Latch Fastener	45 N.m (33 lb ft)

REPAIR INSTRUCTIONS

DRIVER OR PASSENGER SEAT REMOVAL AND INSTALLATION

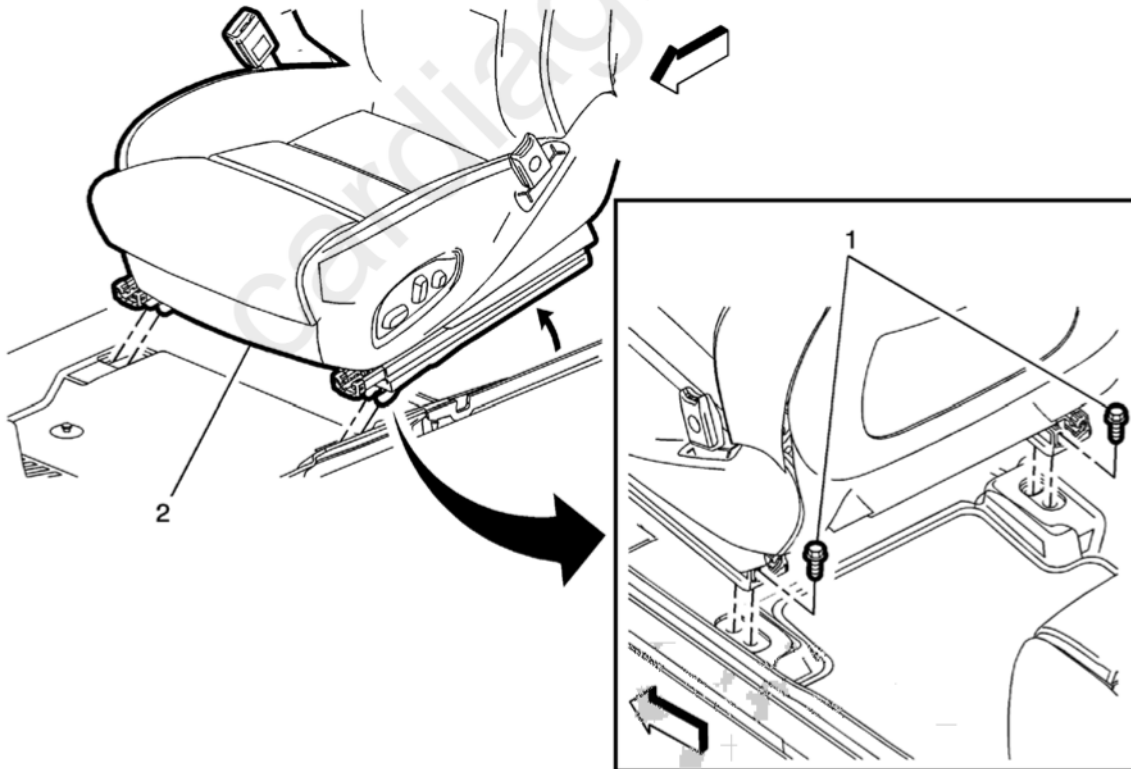


Fig. 1: Driver or Passenger Front Seat

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name

Callout	Component Name
	WARNING: Refer to SIR Warning . Preliminary Procedure 1. Disable the SIR system. Refer to SIR Disabling and Enabling . 2. Disconnect the seat belt from the tensioner. Refer to Front Seat Belt Anchor Plate Tensioner Replacement . 3. Remove the front seat adjuster track finish inboard and outboard covers. Refer to Front Seat Adjuster Track Finish Cover Replacement.
1	Driver or Passenger Seat Bolt (Qty: 2) CAUTION: Refer to Fastener Caution . Procedure Adjust the seat to the forward position to gain access to the bolts. If a power seat is inoperative and cannot be moved forward to access the bolts, use the following procedure. 1. Partially remove the front seat cushion cover and pad to access the horizontal drive cables of the actuator motor. Front Seat Cushion Cover and Pad Replacement 2. Disconnect the drive cables from the actuator motor. 3. Connect one of the drive cables to an electric drill. Use the drill to move the seat forward approximately 5 cm (2 in). 4. Disconnect the drill and connect it to the other cable. Use the drill to move the seat forward approximately 5 cm (2 in). 5. Repeat this process, alternating sides, until the seat bolts are accessible. NOTE: Once the drive cables have been disconnected from the actuator motor, the seat cushion frame must be replaced with a new part. Tighten 45 N.m (33 lb ft)
2	Driver or Passenger Seat Assembly Procedure 1. Disconnect the front seat and tensioner electrical connector, and passenger presence system connector, if equipped. 2. With the aid of an assistant remove the front seat, by tilting the seat forward, and then lifting and pulling the seat rearwards to disengage the 4 front foot hooks. 3. If replacing with a new seat assembly, the new seat adjuster memory module requires programming. Refer to Control Module References

FRONT SEAT CUSHION SIDE FINISH PANEL REPLACEMENT

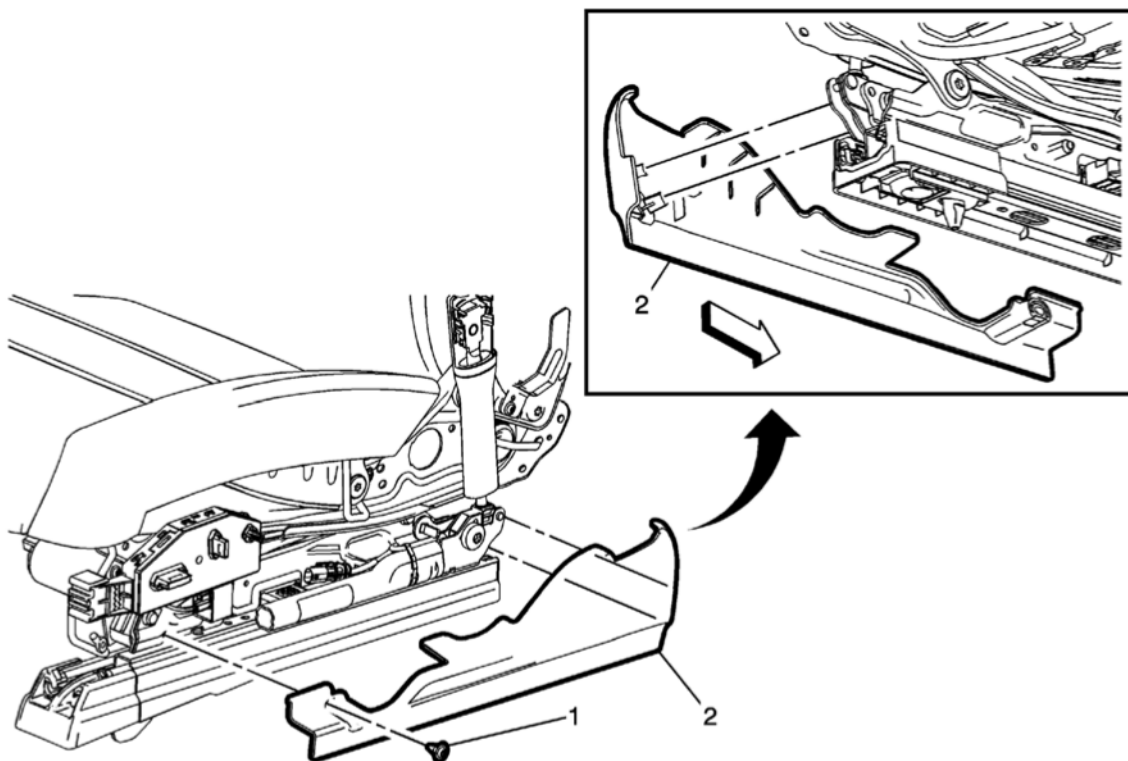


Fig. 2: Front Seat Cushion Side Finish Panel
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the front seat cushion outer finish cover. Refer to Front Seat Cushion Outer Finish Cover Replacement .	
1	Front Seat Cushion Side Finish Panel Fastener CAUTION: Refer to Fastener Caution .
2	Front Seat Cushion Side Finish Panel Procedure 1. Raise the seat to the highest seat position. 2. Unclip the seat tensioner wiring harness from the cover. 3. Release the rear tabs on the cover. 4. Remove the finish cover.

FRONT SEAT WIRING HARNESS CONNECTOR BRACKET REPLACEMENT

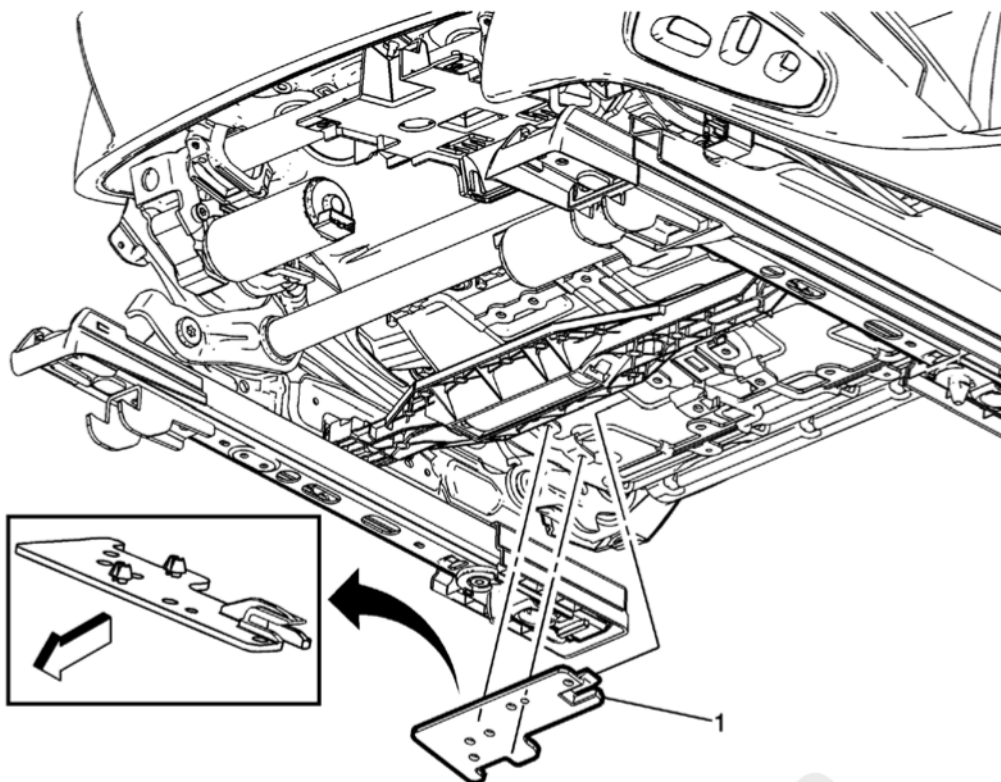


Fig. 3: Front Seat Wiring Harness Connector Bracket

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Front Seat Wiring Harness Connector Bracket Procedure 1. Disconnect any electrical connections. 2. Detach the connector bracket clip from the seat cushion pad wire. 3. Pull downward to disengage the connector bracket from the seat cushion pad wire. 4. Note the routing of the wiring harness location for installation.

FRONT SEAT ADJUSTER KNOB REPLACEMENT

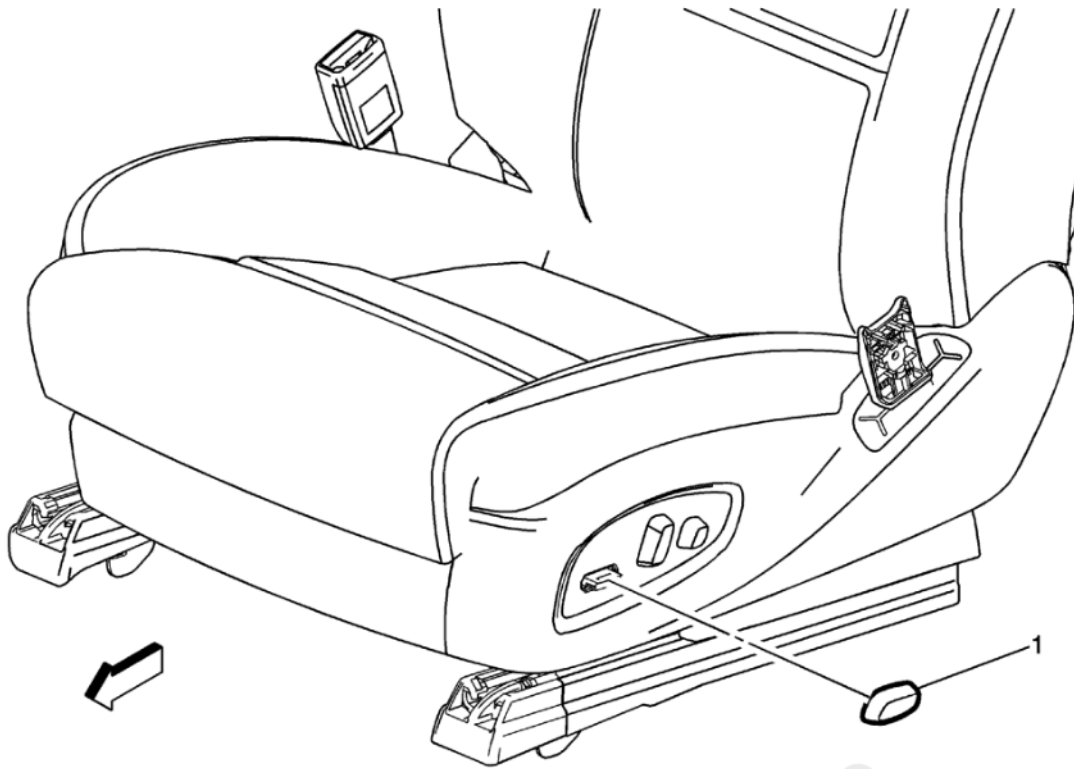


Fig. 4: Front Seat Adjuster Knob

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Front Seat Adjuster Knob Procedure Use a flat-bladed tool to release the adjuster knob from the front seat adjuster switch.

DRIVER OR PASSENGER SEAT ADJUSTER HANDLE REPLACEMENT

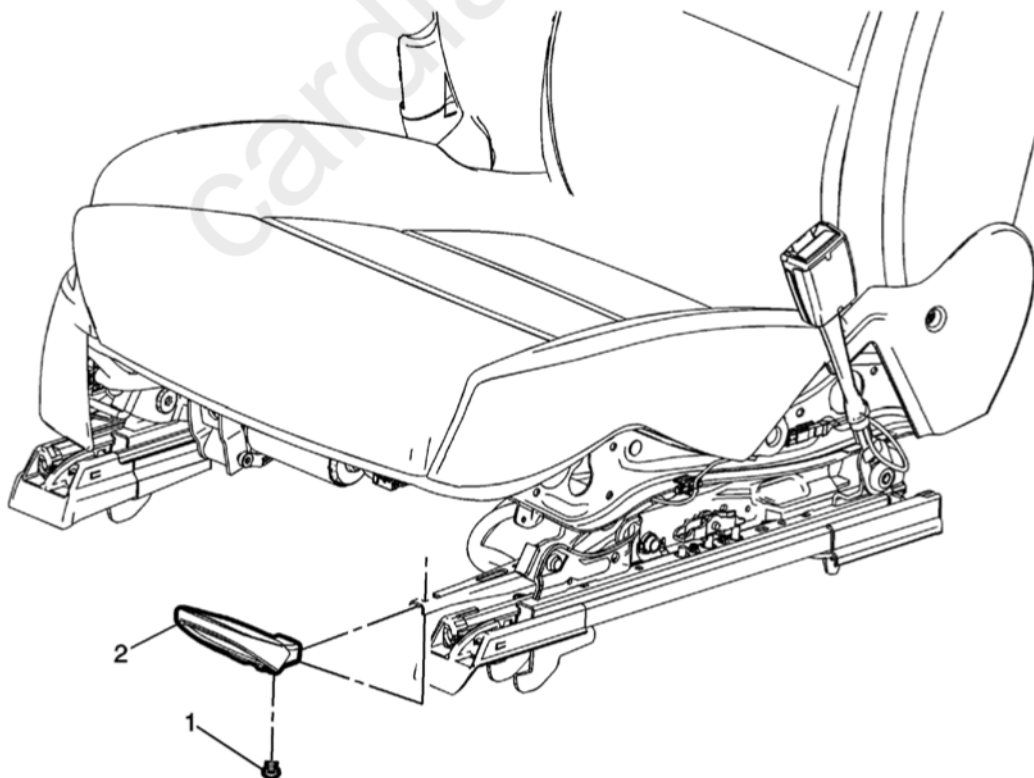


Fig. 5: Driver or Passenger Seat Adjuster Handle

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name

Callout	Component Name
1	Driver or Passenger Seat Adjuster Handle Fastener CAUTION: Refer to Fastener Caution .
2	Driver or Passenger Seat Adjuster Handle

FRONT SEAT TILT ADJUSTER LEVER REPLACEMENT

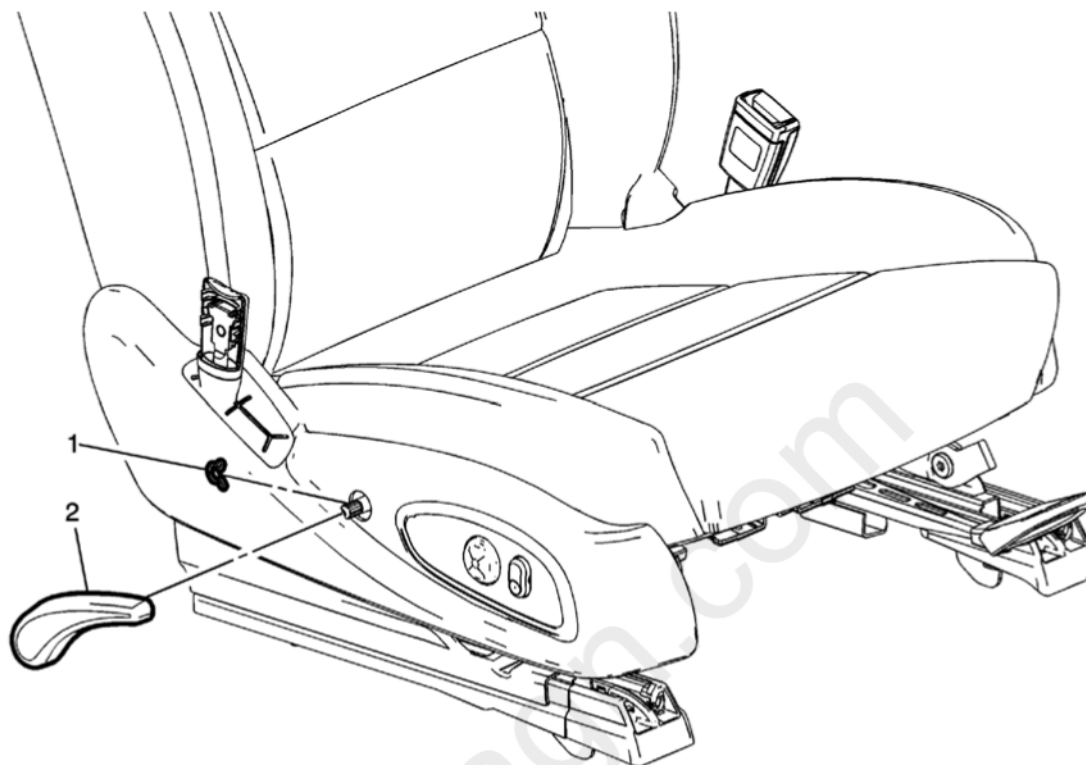


Fig. 6: Front Seat Tilt Adjuster Lever

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Front Seat Tilt Adjuster Lever Clip Procedure Use a flat-bladed tool to release the adjust lever clip from the lever assembly.
2	Front Seat Tilt Adjuster Lever Procedure Use a flat-bladed tool to release the lever from the seat.

FRONT SEAT ADJUSTER TRACK FINISH COVER REPLACEMENT

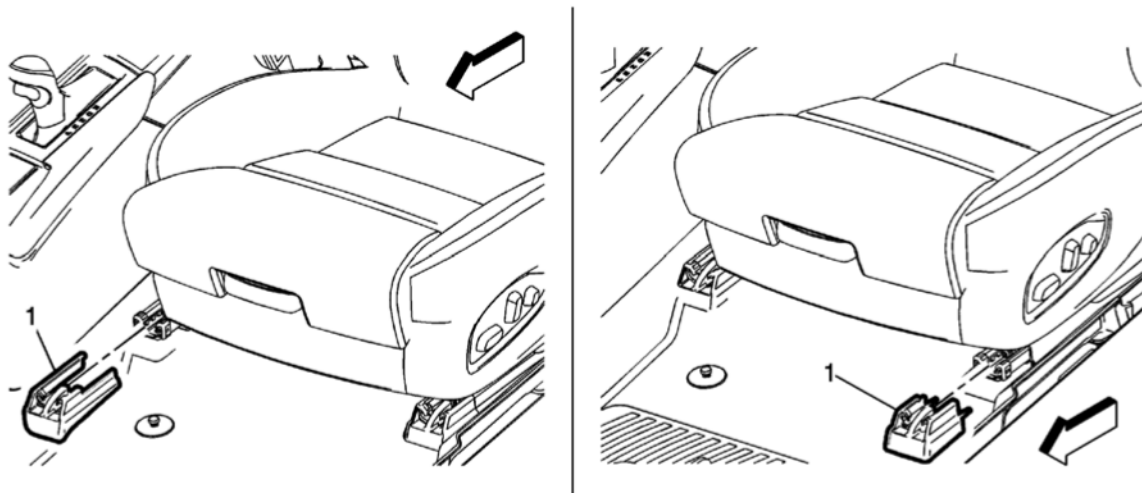


Fig. 7: Front Seat Adjuster Track Finish Cover
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Front Seat Adjuster Track Finish Cover CAUTION: Do not twist the cover during removal. Twisting the cover may cause the component to break. Procedure 1. Adjust the seat to the full rearward position to gain access to the finish cover. 2. Using a flat bladed tool, disengage the tabs by pushing outward from inside the track. 3. Remove the finish cover by sliding the cover forward and then pull down on the finish cover to disengage it from the track.

DRIVER OR PASSENGER SEAT HEAD RESTRAINT REPLACEMENT

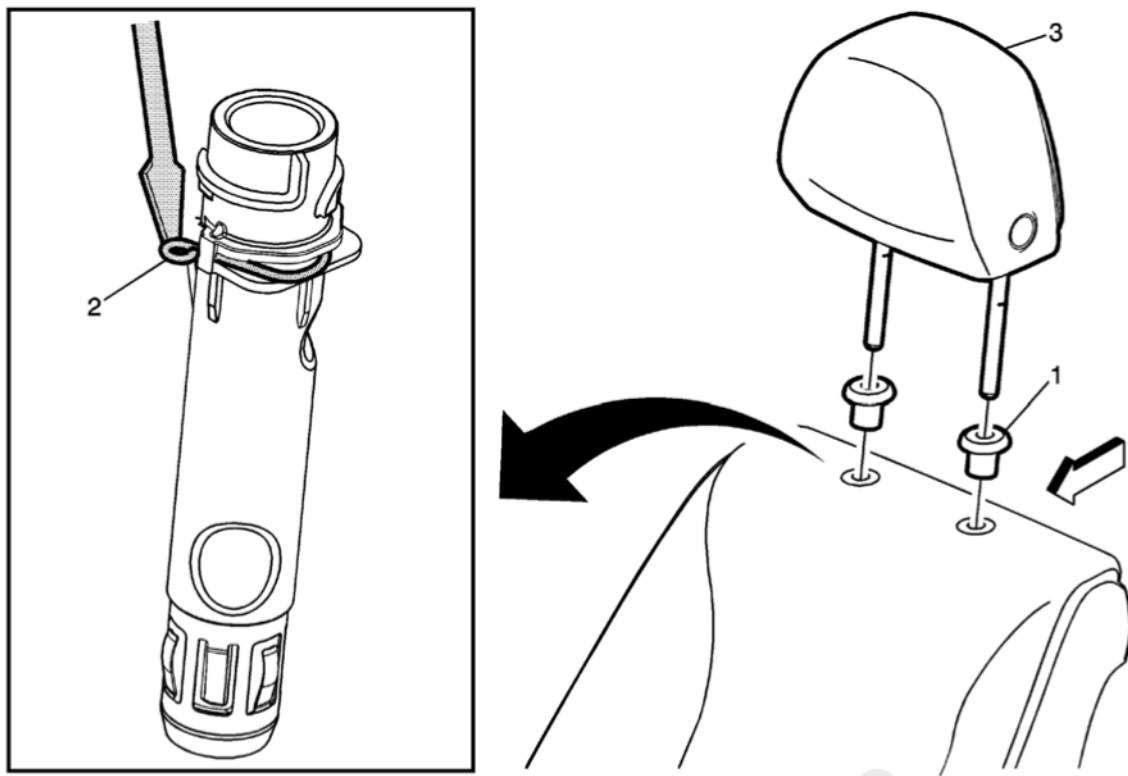


Fig. 8: Driver or Passenger Seat Head Restraint
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Driver or Passenger Seat Head Restraint Bezel (Qty: 2) Procedure 1. Raise the headrest to gain access to the head restraint bezel. 2. Twist the bezel counter clockwise and push the bezel upward on the head restraint shaft.
2	Driver or Passenger Seat Head Restraint Clip (Qty: 2) Procedure Using a suitable pointed or flat bladed tool, push the metal clip forward while pulling upward on the head restraint. NOTE: If the clip becomes dislodged, it may be necessary to remove the guides to reset the clips.
3	Driver or Passenger Seat Head Restraint

FRONT SEAT HEAD RESTRAINT GUIDE BEZEL REPLACEMENT

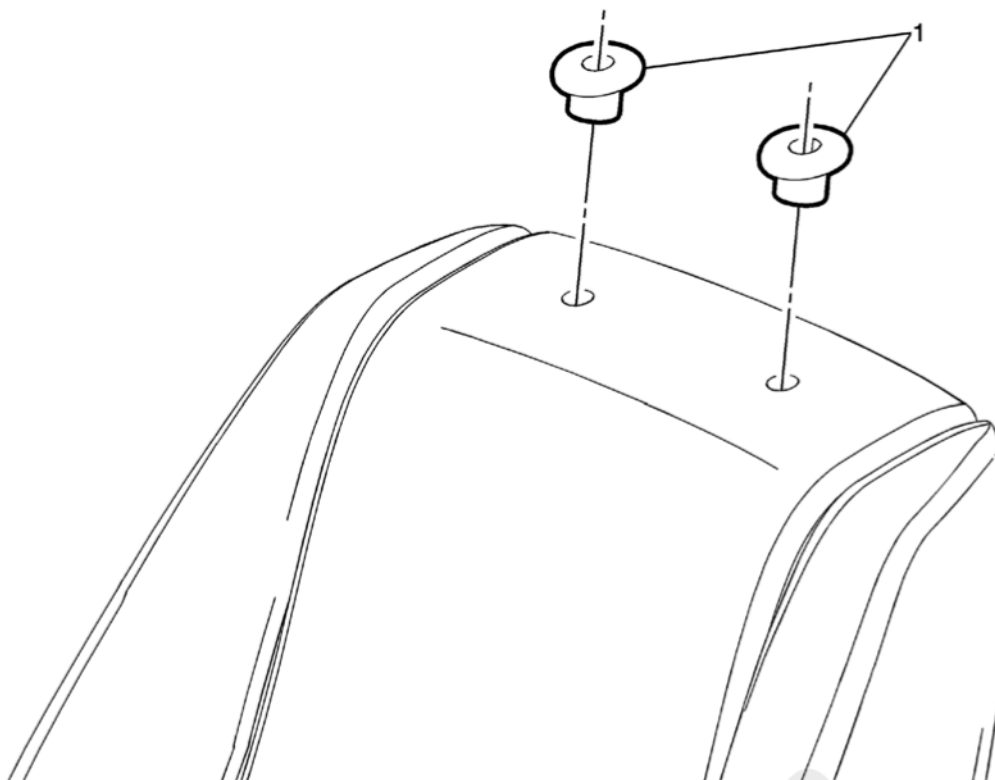


Fig. 9: Front Seat Head Restraint Guide Bezel
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the driver or passenger seat head restraint. Refer to Driver or Passenger Seat Head Restraint Replacement	
1	Front Seat Head Restraint Guide Bezel (Qty: 2) Procedure 1. Twist the bezel counter clockwise and push the bezel upward on the head restraint adjuster rod guide. 2. Remove the head restraint bezel from the head restraint adjuster rod guide.

FRONT SEAT HEAD RESTRAINT GUIDE REPLACEMENT

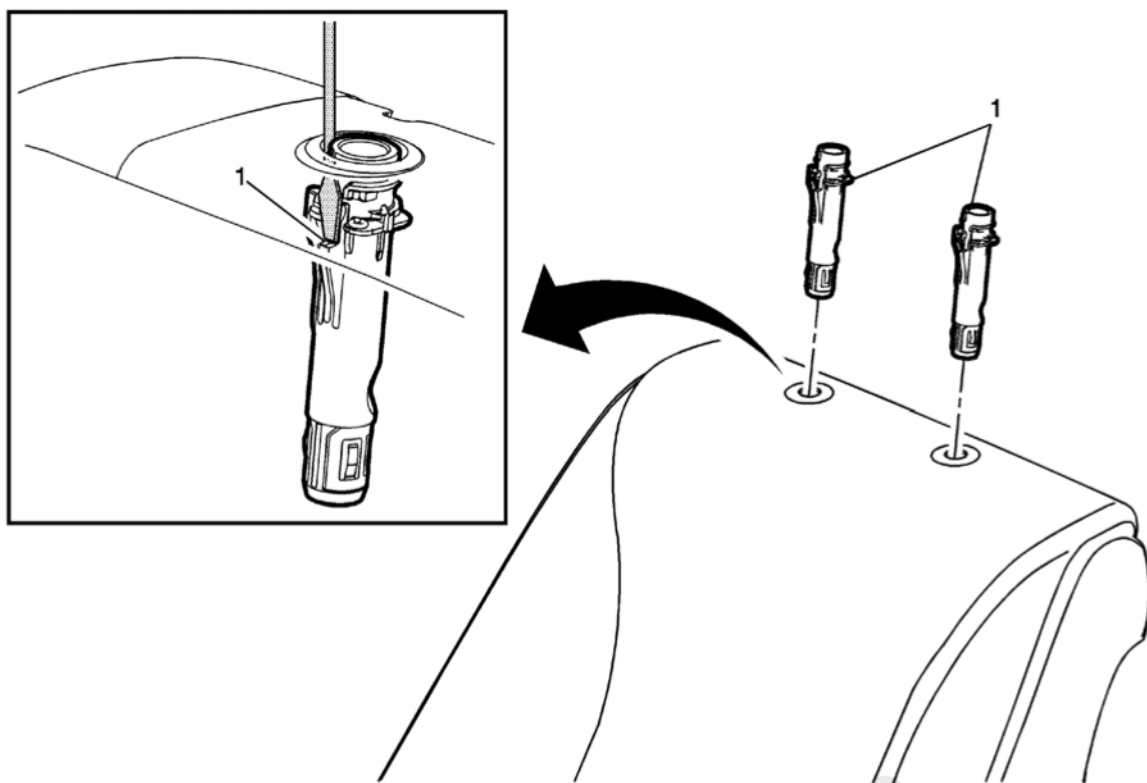


Fig. 10: Front Seat Head Restraint Guide
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures Remove the front seat head restraint guide bezel. Refer to Front Seat Head Restraint Guide Bezel Replacement .	
1	Driver or Passenger Seat Head Restraint Adjuster Rod Guide (Qty: 2) Procedure Using a suitable flat-bladed tool, slide the tool on the outside of the guide until it finds the slot. Then push the plastic slot inward and pull up upward to remove the guide from the seat back frame.

DRIVER OR PASSENGER SEAT ADJUSTER FINISH COVER RETAINER REPLACEMENT

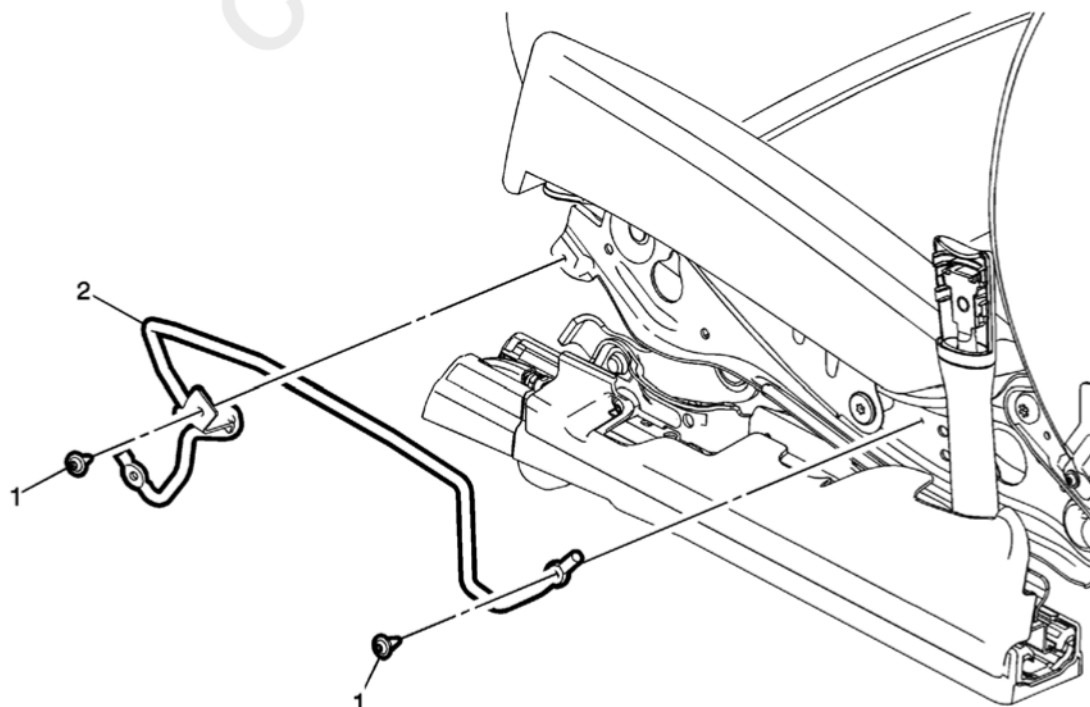


Fig. 11: Driver or Passenger Seat Adjuster Finish Cover Retainer
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures Remove the front seat cushion outer finish cover. Refer to Front Seat Cushion Outer Finish Cover Replacement .	
1	Driver or Passenger Seat Adjuster Finish Cover Retainer Screw (Qty: 2) CAUTION: Refer to Fastener Caution .
2	Driver or Passenger Seat Adjuster Finish Cover Retainer

DRIVER OR PASSENGER SEAT INNER RECLINER FINISH COVER REPLACEMENT

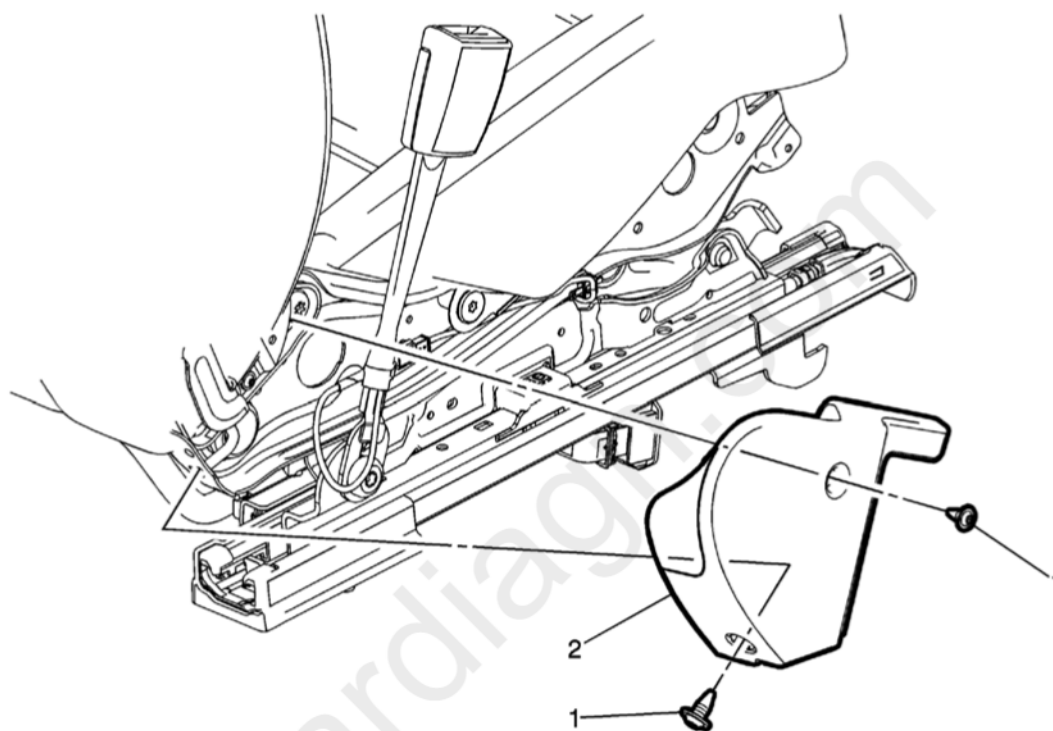


Fig. 12: Driver or Passenger Seat Inner Recliner Finish Cover
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Driver or Passenger Seat Inner Recliner Finish Cover Fastener (Qty: 2) CAUTION: Refer to Fastener Caution .
2	Driver or Passenger Seat Inner Recliner Finish Cover Procedure Remove the inner finish cover by pulling outward and upward. NOTE: Use care not to break the guide pin on the cover.

DRIVER OR PASSENGER SEAT CUSHION FRAME REPLACEMENT

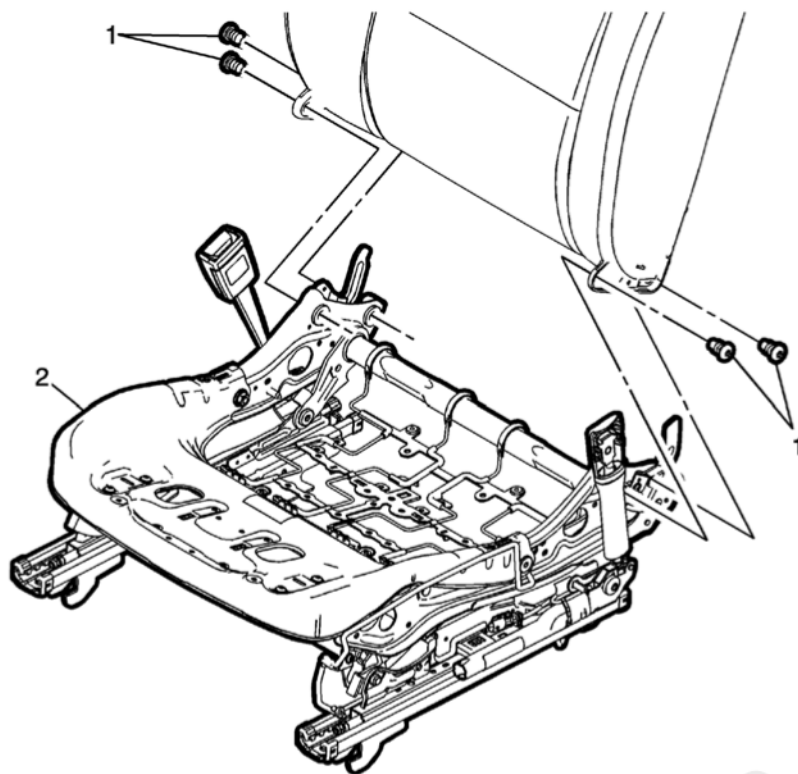


Fig. 13: Driver or Passenger Seat Cushion Frame

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
WARNING: Refer to SIR Warning .	
Preliminary Procedure 1. Remove front seat cushion cover and pad. Refer to Front Seat Cushion Cover and Pad Replacement. 2. Remove the front seat inner and outer recliner attachment bracket, if equipped.	
1	Driver or Passenger Seat Cushion Frame Bolt (Qty: 4) CAUTION: Refer to Fastener Caution . Tighten 35 N.m (26 lb ft)
2	Driver or Passenger Seat Cushion Frame Procedure 1. Disconnect electrical connectors as needed. 2. Whenever the inflatable restraint passenger presence system or any component of the passenger presence system is removed, refer to Control Module References . 3. If replacing with a new front seat cushion frame, transfer components as necessary.

FRONT SEAT CUSHION OUTER FINISH COVER REPLACEMENT

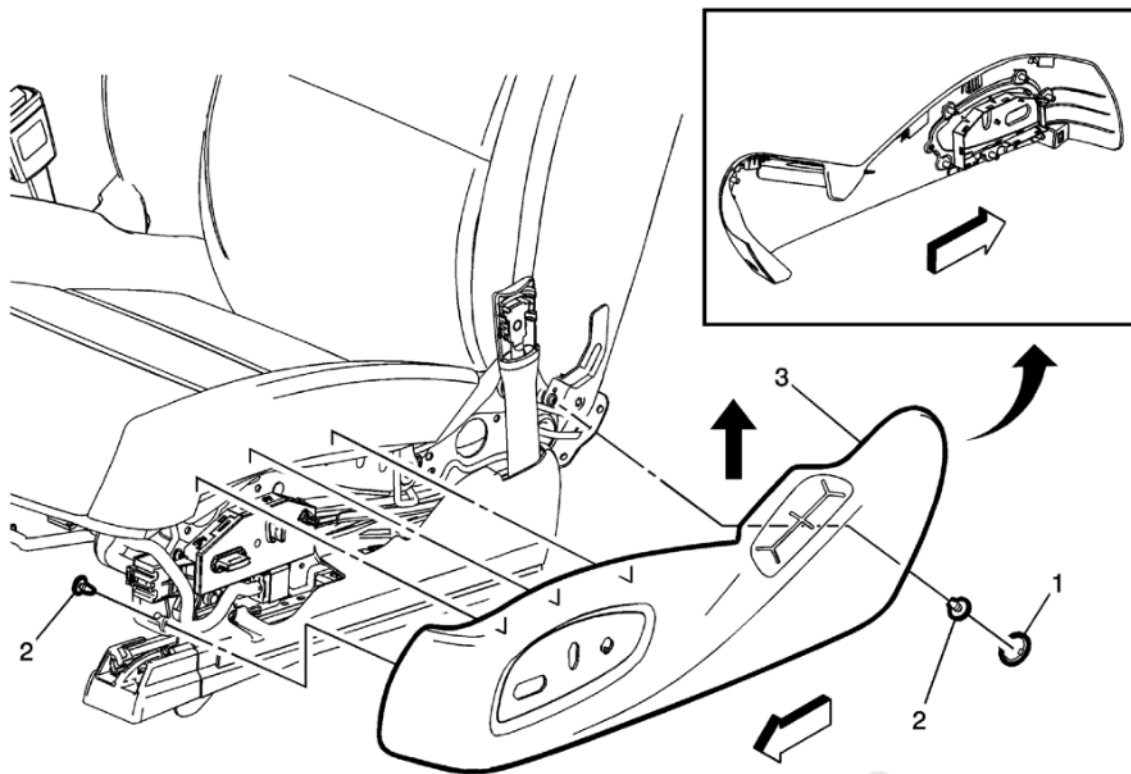


Fig. 14: Front Seat Cushion Outer Finish Cover
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the front seat tilt adjuster lever, if equipped. Refer to Front Seat Tilt Adjuster Lever Replacement .	
1	Front Seat Cushion Outer Finish Cover Cap
2	Front Seat Cushion Outer Finish Cover Retainer (Qty: 2) CAUTION: Refer to Fastener Caution .
3	Front Seat Cushion Outer Finish Cover Procedure 1. Remove the outer finish panel by pulling upward near the retainer clip locations. 2. Disconnect the electrical connectors. 3. If replacing the finish panel, transfer components as necessary.

FRONT SEAT CUSHION COVER AND PAD REPLACEMENT

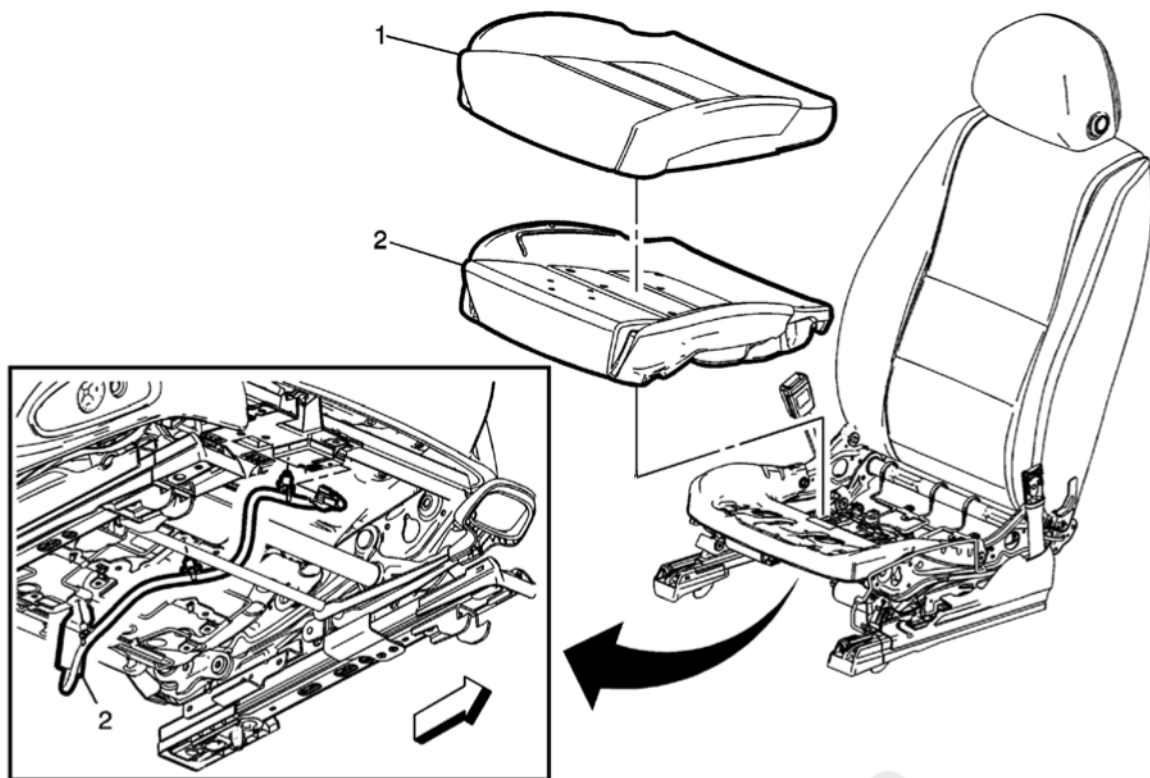


Fig. 15: Front Seat Cushion Cover & Pad
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
WARNING: Refer to SIR Warning .	
Preliminary Procedures 1. Disable the SIR system. Refer to SIR Disabling and Enabling . 2. Remove the driver or passenger seat. Refer to Driver or Passenger Seat Removal and Installation . 3. Remove the driver or passenger seat inner recliner finish cover. Refer to Driver or Passenger Seat Inner Recliner Finish Cover Replacement . 4. Remove the front seat cushion outer finish panel. Refer to Front Seat Cushion Outer Finish Cover Replacement . 5. Remove the driver or passenger seat adjuster finish cover retainer. Refer to Driver or Passenger Seat Adjuster Finish Cover Retainer Replacement . 6. Whenever the inflatable restraint passenger presence system or any component of the passenger presence system is removed. Refer to Control Module References .	
1	Driver or Passenger Seat Cushion Cover Procedure 1. Disengage the J-channel retainers from the seat cushion frame. 2. Disconnect the electrical connectors. 3. Remove the seat cushion cover and pad from the seat cushion frame as an assembly. 4. Pull the cover away from the pad to disengage the hook and loop retainers, then access and cut the hog rings. 5. When replacing the front passenger seat cushion, you must also replace the inflatable restraint passenger presence system. Refer to Airbag Front Passenger Presence Module Replacement

Callout	Component Name
2	Driver or Passenger Seat Cushion Pad

DRIVER OR PASSENGER SEAT CUSHION PAD WIRE REPLACEMENT

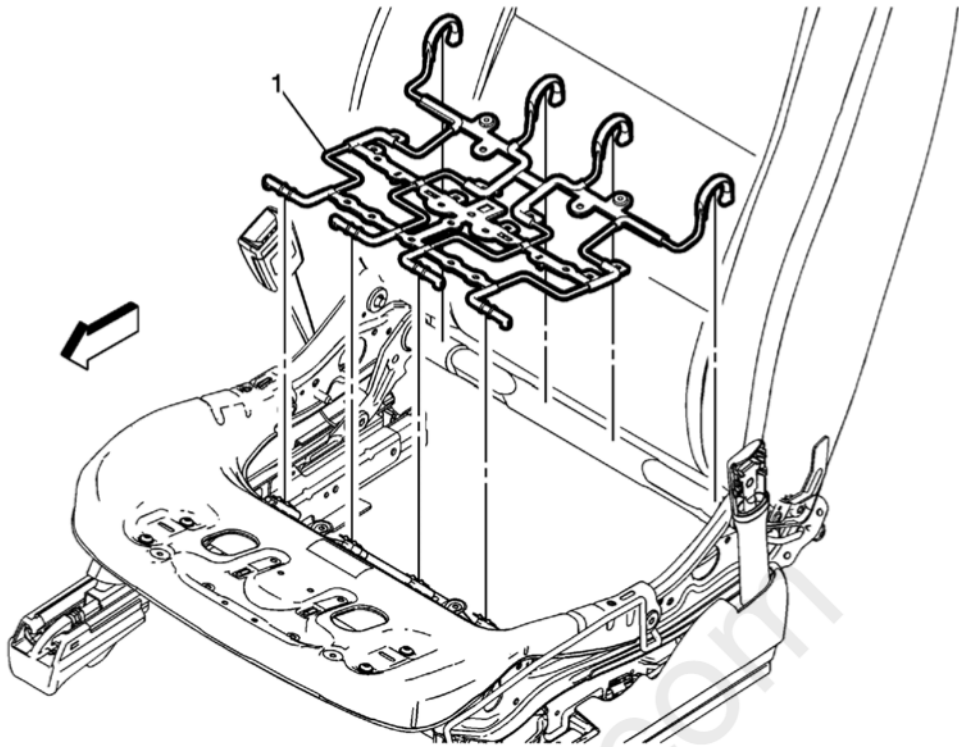


Fig. 16: Driver or Passenger Seat Cushion Pad Wire
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
WARNING: Refer to SIR Warning Preliminary Procedure 1. Remove the driver or passenger seat. Refer to Driver or Passenger Seat Removal and Installation 2. Remove the front seat cushion cover and pad. Refer to Front Seat Cushion Cover and Pad Replacement 3. Whenever the inflatable restraint passenger presence system is removed, Refer to Control Module References .	
1	Driver or Passenger Seat Cushion Pad Wire Procedure 1. Disconnect electrical harness retainers as necessary and release the seat cushion pad wire from the frame retaining features. 2. Transfer components as necessary.

DRIVER OR PASSENGER SEAT BACK COVER AND PAD REPLACEMENT

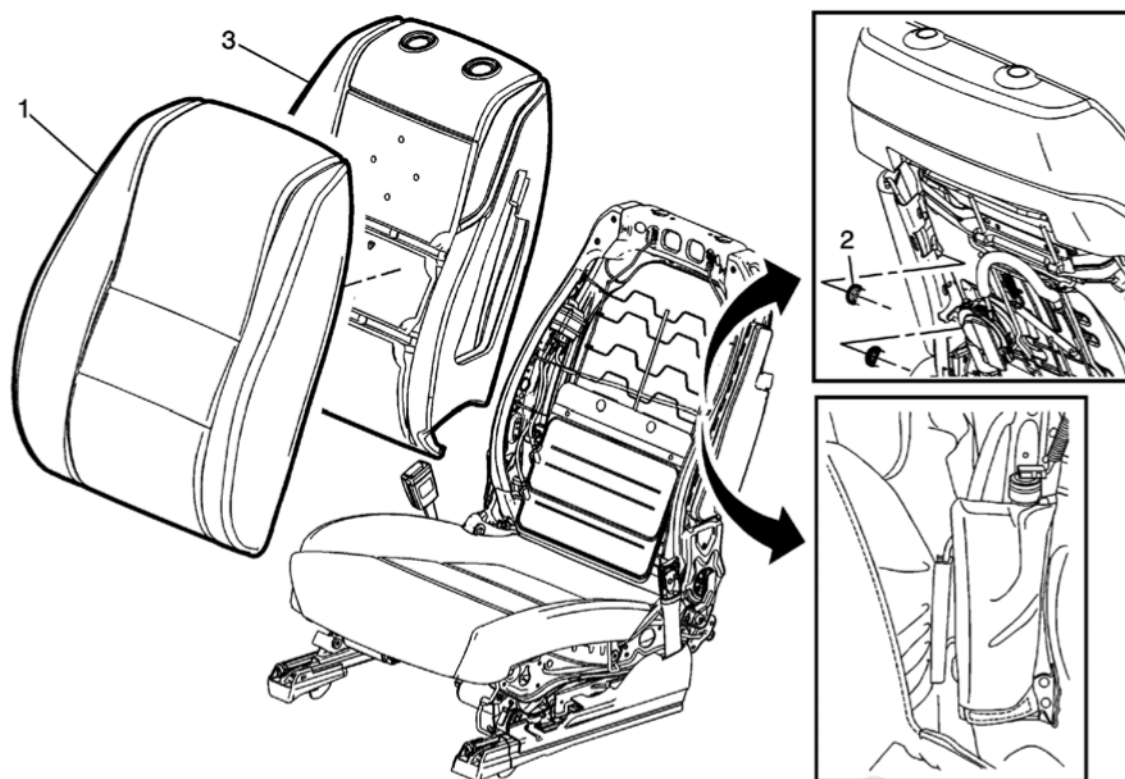


Fig. 17: Driver or Passenger Seat Back Cover & Pad

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
WARNING: Refer to SIR Warning . WARNING: Do not repair or replace the seat stitching or seams in the seat back trim cover with an internal mounted seat side airbag module. Replace the complete seat back trim cover from the OEM. Non-OEM seat stitching may cause improper airbag deployment which could result in personal injury. Preliminary Procedures 1. Disable the SIR system. Refer to SIR Disabling and Enabling . 2. Remove the driver or passenger seat. Refer to Driver or Passenger Seat Removal and Installation. 3. Remove the front seat head restraint adjuster rod guide. Refer to Front Seat Head Restraint Guide Replacement. 4. Remove the driver or passenger seat inner recliner finish cover. Refer to Driver or Passenger Seat Inner Recliner Finish Cover Replacement. 5. Remove the front seat cushion outer finish cover. Refer to Front Seat Cushion Outer Finish Cover Replacement.	

Callout	Component Name
1	Driver or Passenger Seat Back Cushion Cover Procedure 1. Disengage the J-channel retainers from the frame routed over the airbag module. 2. Remove the airbag module nuts (2). Note the airbag module and harness routing for re-installation. 3. Disengage the retainer near the airbag module. 4. Note the routing of the airbag module studs through the cover during re-installation of the cover. 5. Disengage the J-channel retainers securing the remaining portion of the cover. 6. Remove the front seat back cushion vent fan retainer, if equipped. 7. Disconnect the electrical connectors.
2	Driver or Passenger Seat Side Inflatable Restraint Module Nut (Qty: 2) CAUTION: Refer to Fastener Caution . Tighten 5.5 N.m (49 lb in)
3	Driver or Passenger Seat Back Cushion Pad Procedure 1. Remove the airbag module from the two inside cover flaps. Refer to Front Seat Outboard Seat Back Airbag Replacement 2. Separate the seat cushion cover from the seat cushion pad by pulling the cover away from the pad, cutting the hog rings and disengage the hook and loop fasteners. 3. Transfer parts if required.

DRIVER OR PASSENGER SEAT BACK CUSHION PAD WIRE REPLACEMENT

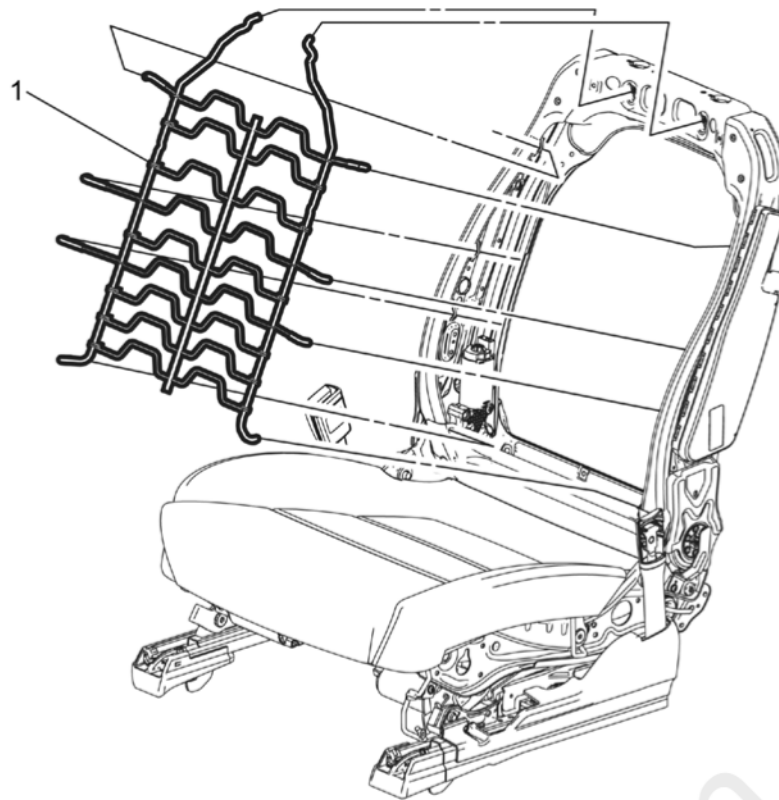


Fig. 18: Driver or Passenger Seat Back Cushion Pad Wire
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
WARNING: Refer to <u>SIR Warning</u> .	
Preliminary Procedures 1. Remove the driver or passenger seat. Refer to <u>Driver or Passenger Seat Removal and Installation</u>. 2. Remove the driver or passenger seat back cushion cover and pad. Refer to <u>Driver or Passenger Seat Back Cover and Pad Replacement</u>. 3. Remove the seat lumbar sub system. Refer to <u>Front Seat Back Lumbar Replacement</u>.	
1	Driver or Passenger Seat Back Cushion Pad Wire Replacement Procedure 1. Pull outward at the bottom of the seat to release the lower support wires. 2. Disengage the pad wire retainer from the seat back frame. 3. Pull the bottom of the pad wire forward and up until the support wires disengage from the seat back frame.

DRIVER OR PASSENGER SEAT BACK CUSHION FRAME REPLACEMENT

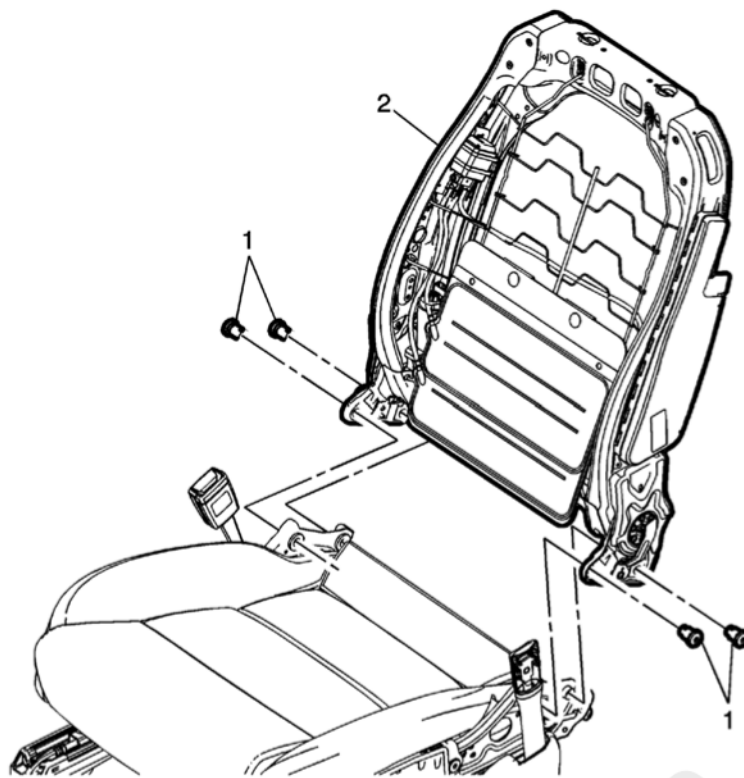


Fig. 19: Driver or Passenger Seat Back Cushion Frame

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
WARNING: Refer to SIR Warning . WARNING: Do not repair or replace the seat stitching or seams in the seat back trim cover with an internal mounted seat side airbag module. Replace the complete seat back trim cover from the OEM. Non-OEM seat stitching may cause improper airbag deployment which could result in personal injury. Preliminary Procedures 1. Disable the SIR system. Refer to SIR Disabling and Enabling . 2. Remove the driver or passenger seat. Refer to Driver or Passenger Seat Removal and Installation. 3. Remove the driver or passenger seat back cushion cover and pad. Refer to Driver or Passenger Seat Back Cover and Pad Replacement.	
1	Driver or Passenger Seat Back Cushion Frame Bolt (Qty: 4) CAUTION: Refer to Fastener Caution . Tighten 50 N.m (37 lb ft)

Callout	Component Name
2	Driver or Passenger Seat Back Cushion Frame Procedure 1. Disconnect electrical connectors as needed. 2. Remove the inflatable restraint side impact module. Refer to Front Seat Outboard Seat Back Airbag Replacement 3. Transfer components as necessary.

FRONT SEAT RECLINER KNOB REPLACEMENT

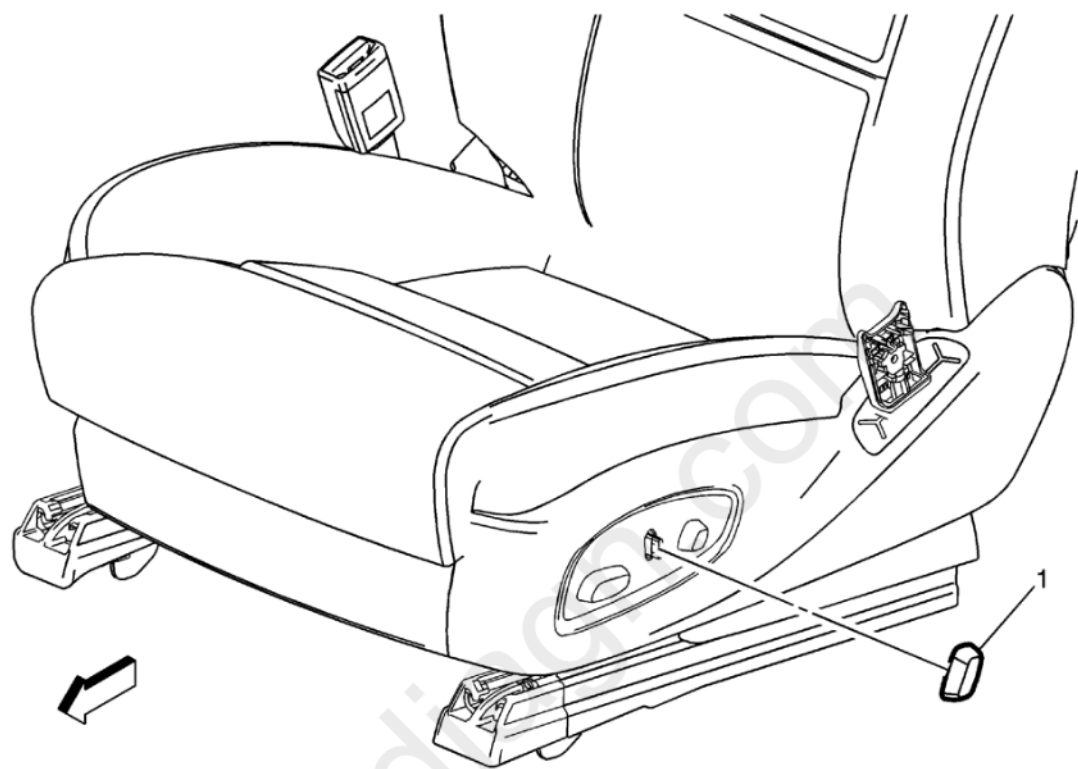


Fig. 20: Front Seat Recliner Knob
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Front Seat Recliner Knob Procedure Use a flat-bladed tool to release the adjuster knob from the front seat adjuster switch.

FRONT SEAT RECLINER CONTROL REPLACEMENT

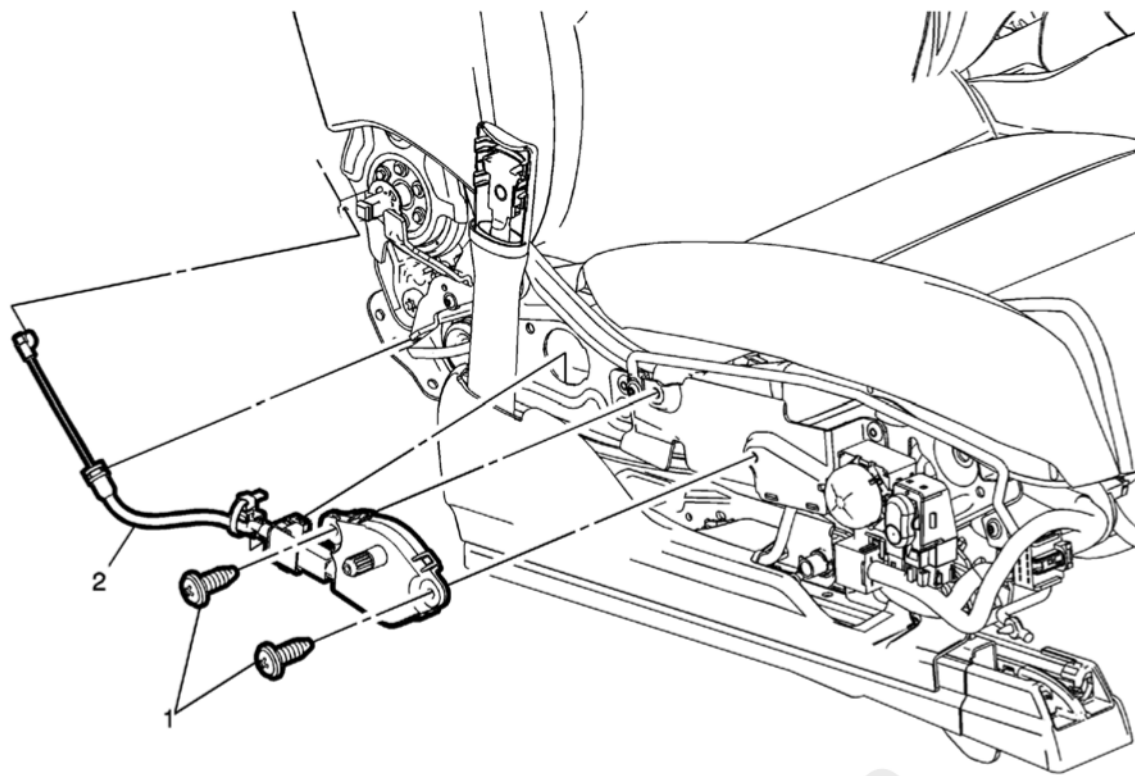


Fig. 21: Front Seat Recliner Control

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the front seat cushion outer finish cover. Refer to Front Seat Cushion Outer Finish Cover Replacement .	
1	Front Seat Recliner Control Fastener (Qty: 2) CAUTION: Refer to Fastener Caution .
2	Front Seat Recliner Control Procedure 1. Note the location and routing of the cable prior to removal in order to ensure proper reinstallation. 2. Detach the recliner cable from the seat cushion outer finish panel bracket. 3. Disengage the recliner cable clip from the seat cushion frame.

FRONT SEAT BACK LUMBAR REPLACEMENT

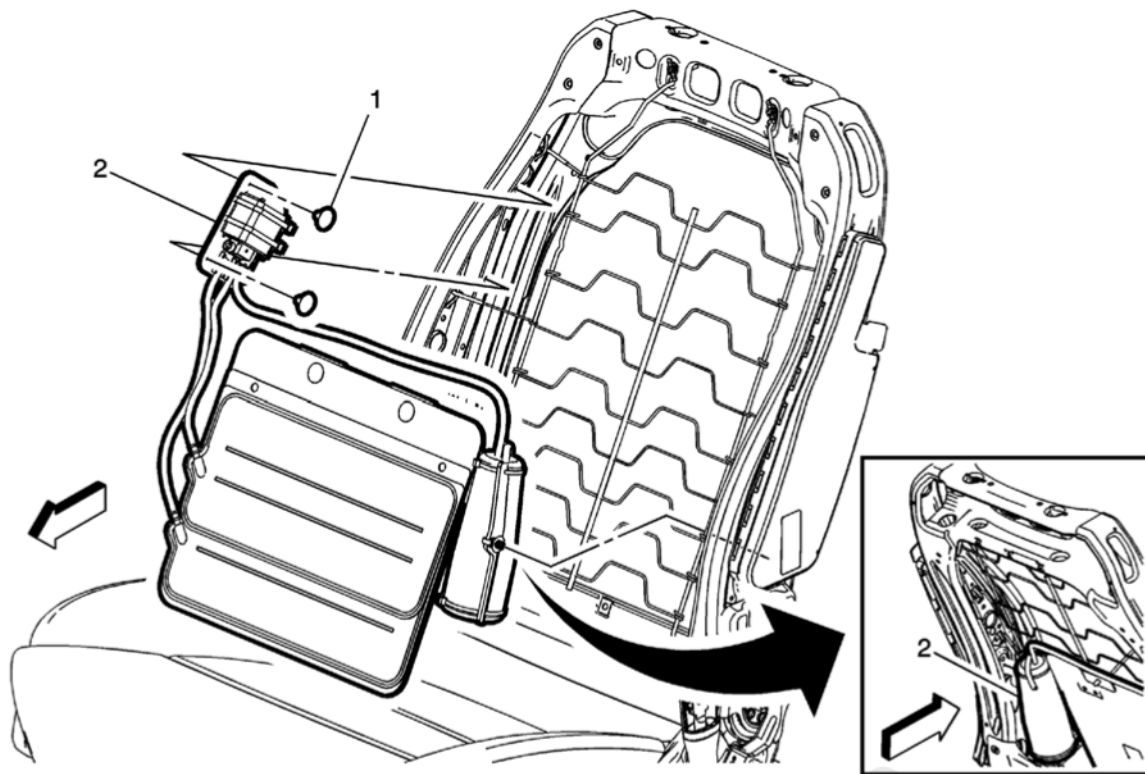


Fig. 22: Seat Lumbar Sub System

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
WARNING: Refer to SIR Warning .	
Preliminary Procedure 1. Disable the SIR system. Refer to SIR Disabling and Enabling 2. Remove the driver or passenger seat. Refer to Driver or Passenger Seat Removal and Installation 3. Remove the driver or passenger seat back cushion cover and pad. Refer to Driver or Passenger Seat Back Cover and Pad Replacement	
1	Seat Lumbar Sub System Retainer (Qty: 5) NOTE: The lumbar pad assembly has (2) retainers, the distributor has (2) retainers on the right hand side and the pump has (1) retainer on the left hand side plus a clip on the pump pigtail harness.

Callout	Component Name
2	Seat Lumbar Sub System Assembly Procedure 1. Unfold the two top support clips that fold over the seat back cushion wire. 2. Release the lumbar pump and lumbar distributor from the seat back frame assembly. 3. Disconnect the electrical connection to the lumbar pump and lumbar distributor. 4. Pull downward to remove the lumbar support assembly from the seat back cushion wire. NOTE: The distributor push pin retainers are P.O.A. to the distributor and stay with the part when removed. The pump has one push pin retainer that is P.O.A. to the pump and stay with the part when removed.

DRIVER OR PASSENGER SEAT LUMBAR SUPPORT ACTUATOR KNOB REPLACEMENT

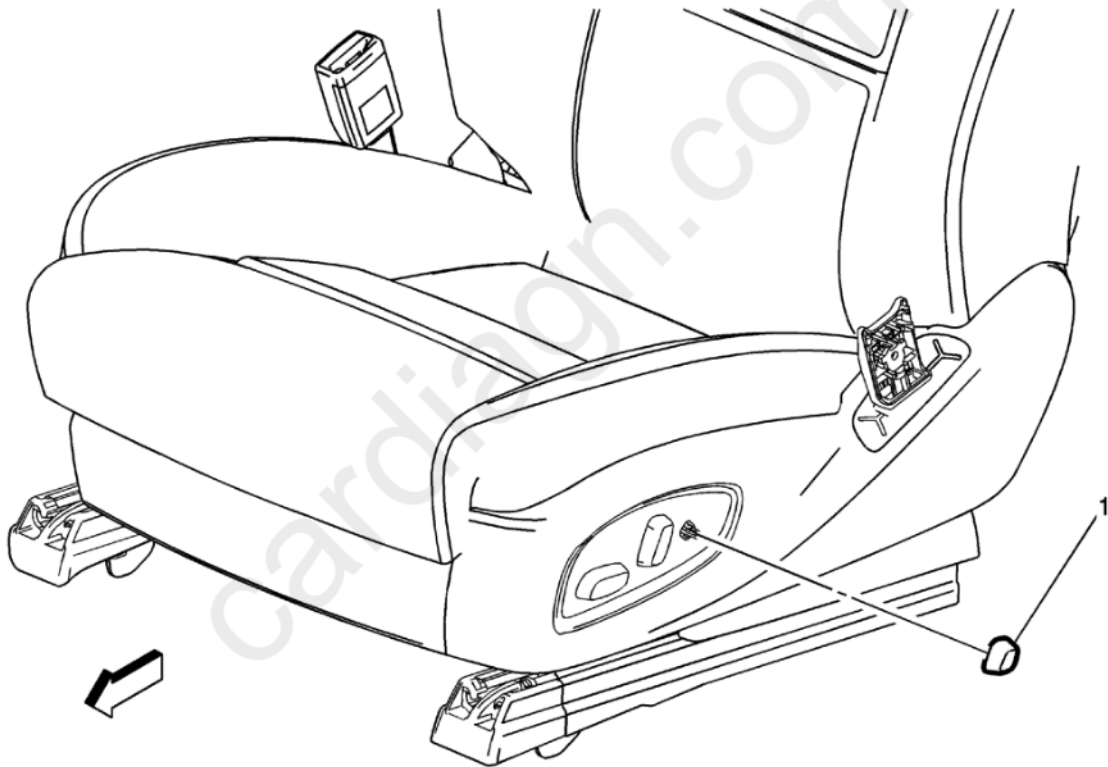


Fig. 23: Driver or Passenger Seat Lumbar Support Actuator Knob
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Driver or Passenger Seat Lumbar Support Actuator Knob Procedure Use a flat-bladed tool to release the adjuster knob from the front seat adjuster switch.

REAR SEAT ARMREST REPLACEMENT

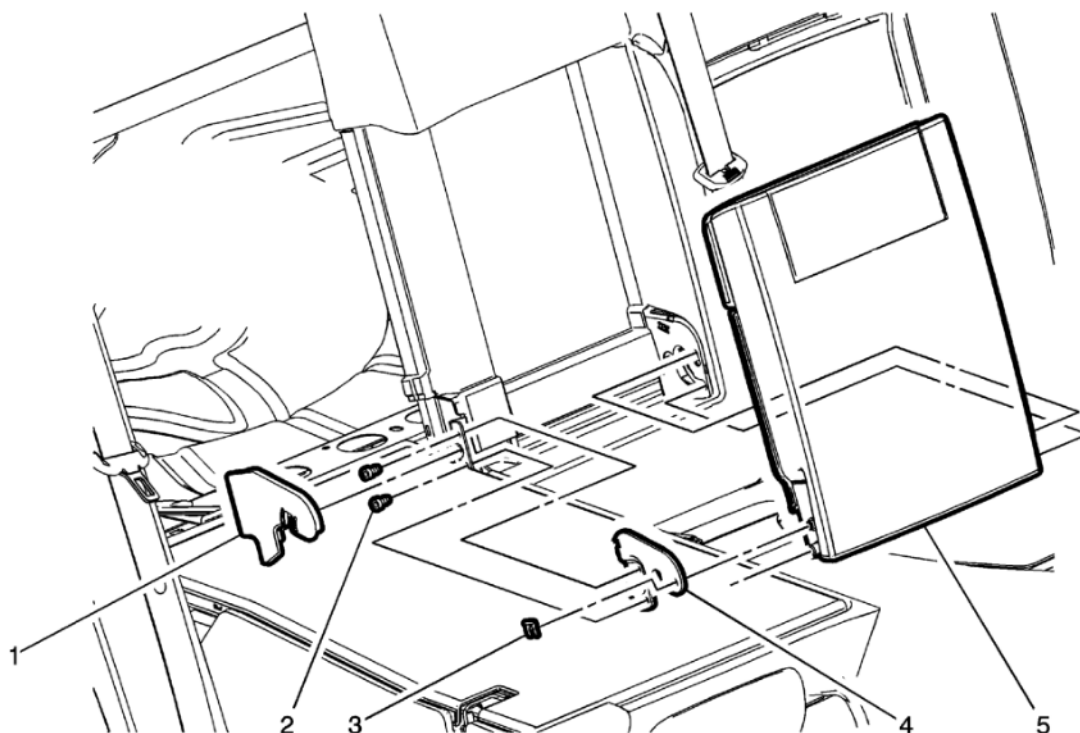


Fig. 24: Rear Seat Armrest Components
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the 40% rear seat back cushion. Refer to Rear Seat Back Cushion Removal and Installation (40%) Rear Seat Back Cushion Removal and Installation (60%)	
1	Rear Seat Armrest Hinge Finish Cover Procedure 1. Reposition the seat cover material to access the inner hinge cover. 2. Reposition the hinge retainer using a flat bladed tool. 3. Reposition the armrest in the hinge, the retainer will remain raised when released properly. NOTE: The inner portion of the armrest must be released from the hinge prior to removal.
2	Rear Seat Armrest Multifunction Compartment Fastener (Qty 2) CAUTION: Refer to Fastener Caution .
3	Rear Seat Armrest Multifunction Compartment Clip
4	Rear Seat Armrest Hinge Finish Bracket
5	Rear Seat Armrest Multifunction Compartment Procedure Disconnect the electrical connector, if equipped.

REAR SEAT HEAD RESTRAINT REPLACEMENT

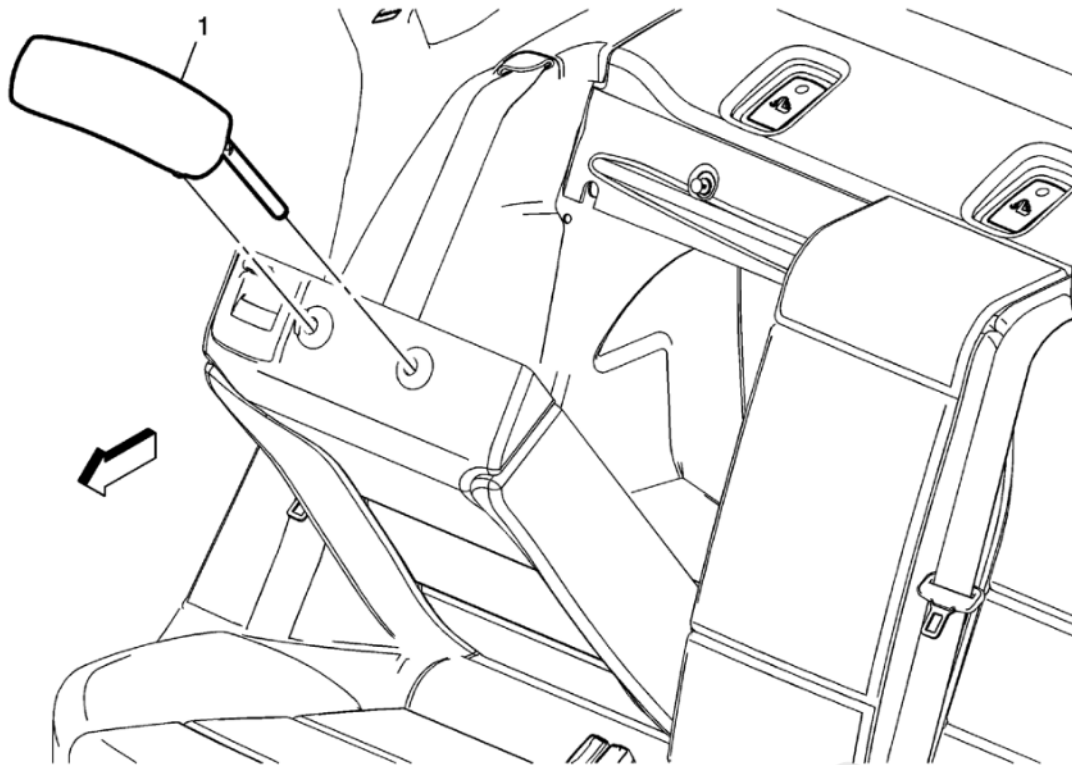


Fig. 25: Rear Seat Head Restraint

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Rear Seat Head Restraint Procedure 1. Lower the seat back forward to gain space between the head restraint and the roof. 2. Depress the large button on the head restraint guide and raise the head restraint to the full up position. 3. Depress the large and small buttons found on the head restraint guides and pull upward on the head restraint to remove.

REAR SEAT HEAD RESTRAINT GUIDE REPLACEMENT

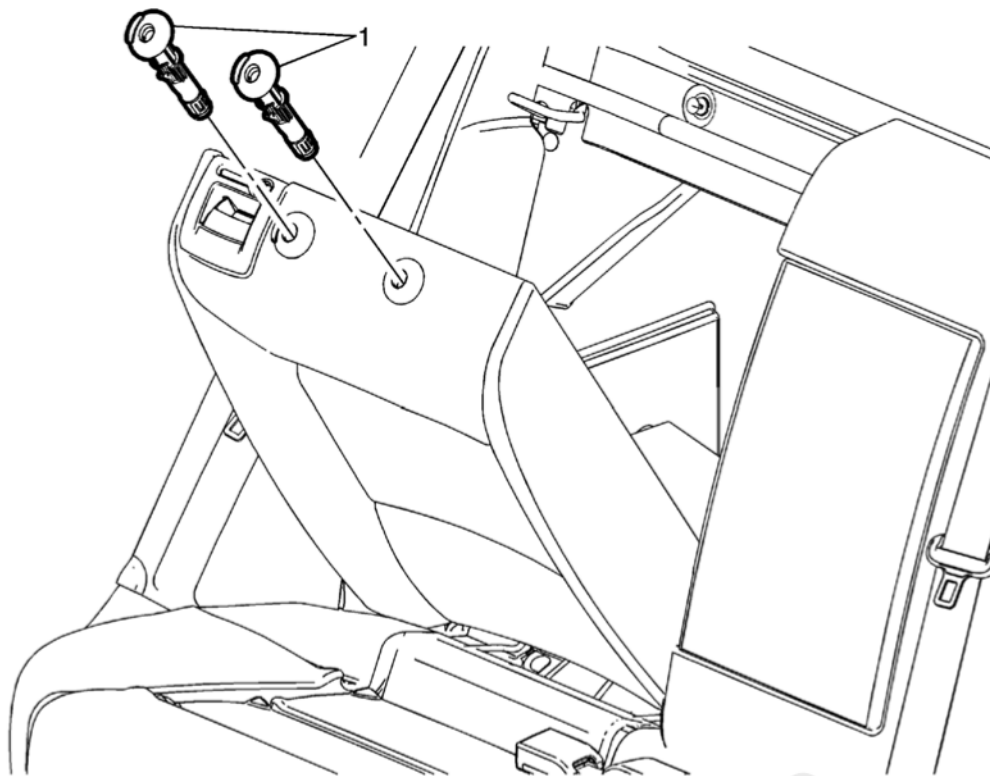


Fig. 26: Rear Seat Head Restraint

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures	
Remove the rear seat head restraint. Refer to Rear Seat Head Restraint Replacement .	
1	Rear Seat Head Restraint
	Procedure
	1. Lower the seat back forward to gain space between the head restraint guide and the roof. 2. Using a suitable flat-bladed tool, slide the tool into the guide until you find the slot on the inboard side of the guide. Push inward on the guide slot tab, while pulling upward to remove the guide from the seat back frame. NOTE: The guide is released from the inboard side by inserting a suitable flat-bladed tool into the slot and prying it inward until released.

REAR SEAT BACK BOLSTER REPLACEMENT

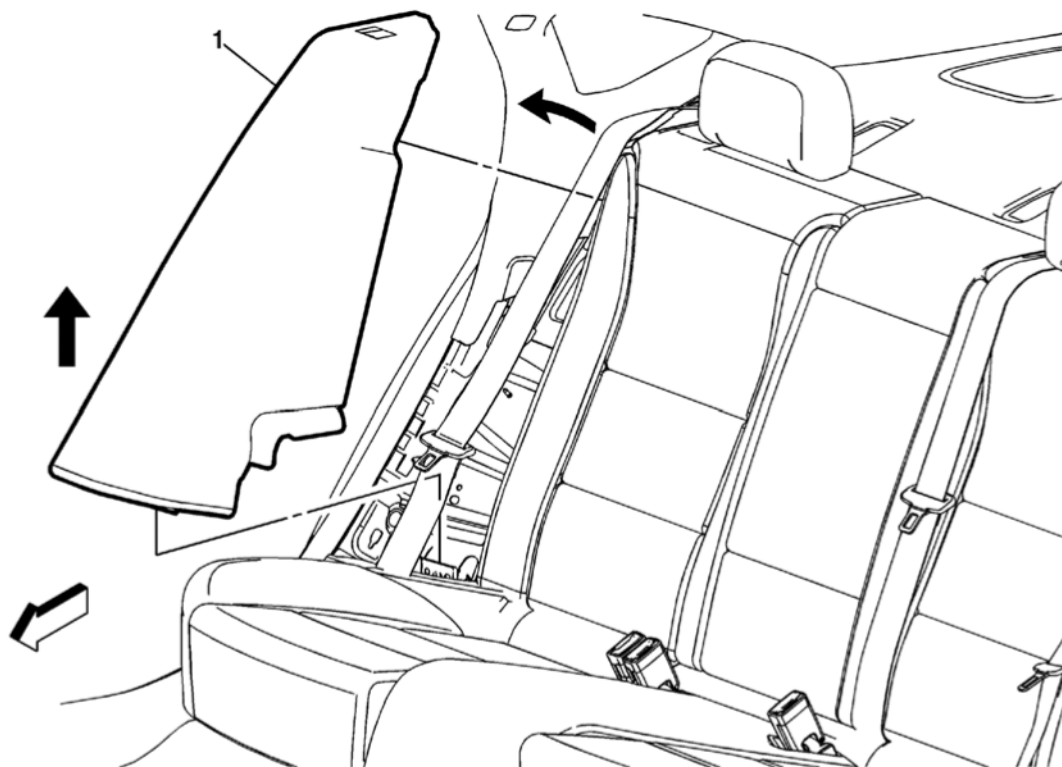


Fig. 27: Rear Seat Back Bolster

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
WARNING: Refer to SIR Warning . WARNING: Do not repair or replace the seat stitching or seams in the seat back trim cover with an internal mounted seat side airbag module. Replace the complete seat back trim cover from the OEM. Non-OEM seat stitching may cause improper airbag deployment which could result in personal injury. Preliminary Procedure 1. Disable the SIR system. Refer to SIR Disabling and Enabling 2. Remove the rear seat belt guide trim cover. Refer to Rear Seat Belt Guide Trim Cover Replacement.	

Callout	Component Name
1	Rear Seat Back Cushion Bolster Procedure 1. Pull the upper seat back cushion bolster forward. A high amount of force will be required. NOTE: Fold rear seat back cushion down to gain better access to the back of bolster. Use a flat bladed short screw driver to aid in releasing the retainer from the bolster's retaining bar. 2. Pull the seat back cushion bolster up. 3. Disconnect the electrical connector. 4. Remove rear seat back cushion bolster. 5. Inspect the high retention retainer and sheet metal interface for flushness. Replace retainer as required if damage occurs during removal. 6. Remove the rear seat side airbag. Refer to Rear Seat Side Airbag Replacement .

REAR SEAT CUSHION FRAME OPENING COVER REPLACEMENT

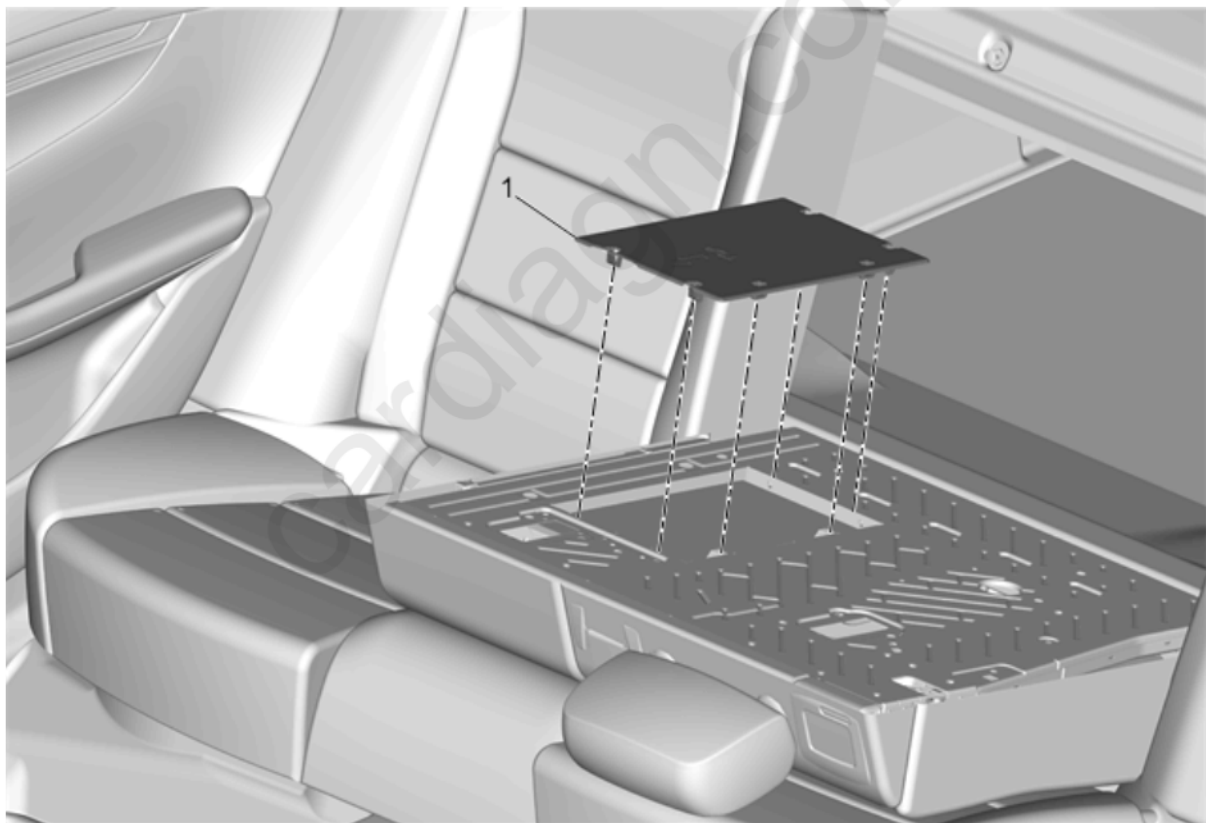


Fig. 28: Rear Seat Cushion Frame Opening Cover
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the rear seat back cushion carpet. Refer to Rear Seat Back Cushion Carpet Replacement (60%)Rear Seat Back Cushion Carpet Replacement (40%)	
Empty row for additional procedure steps	

Callout	Component Name
1	Rear Seat Cushion Frame Opening Cover Procedure 1. Fold rear seat back cushion forward. 2. Release any retainers holding the cover to the seat back cushion frame. 3. Gently pull up on the cover to disengage it from the seat back cushion frame and remove it from the vehicle.

REAR SEAT BACK CUSHION PIVOT SUPPORT REPLACEMENT

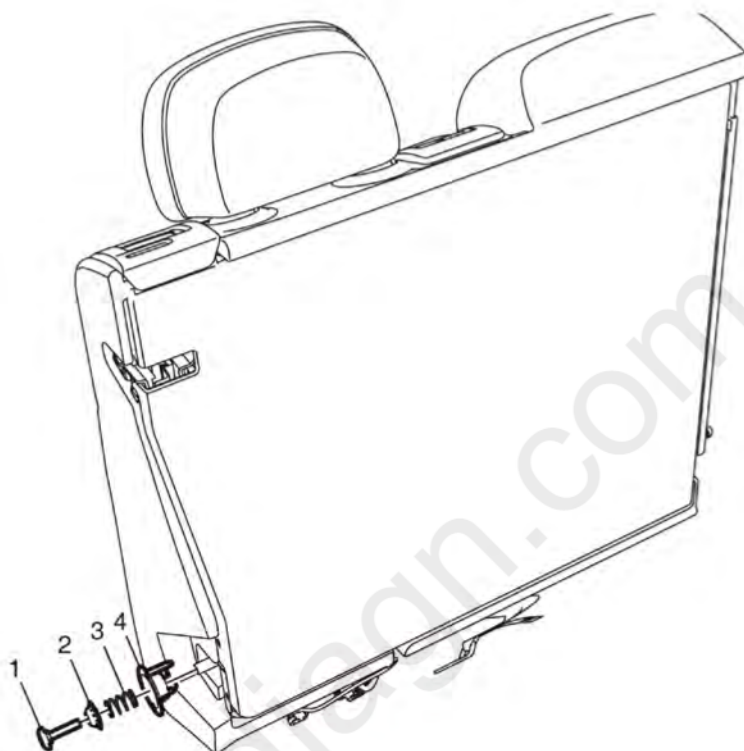


Fig. 29: Rear Seat Back Cushion Pivot Support & Components
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the rear seat back cushion. Refer to Rear Seat Back Cushion Removal and Installation (40%) Rear Seat Back Cushion Removal and Installation (60%) .	
1	Rear Seat Back Cushion Pivot Support Bolt CAUTION: Refer to Fastener Caution . Tighten 23 N.m (17 lb ft)
2	Rear Seat Back Cushion Pivot Support
3	Rear Seat Back Cushion Outer Pivot Bolt Spring
4	Rear Seat Back Hinge Finish Cover

REAR SEAT CUSHION COVER AND PAD REPLACEMENT

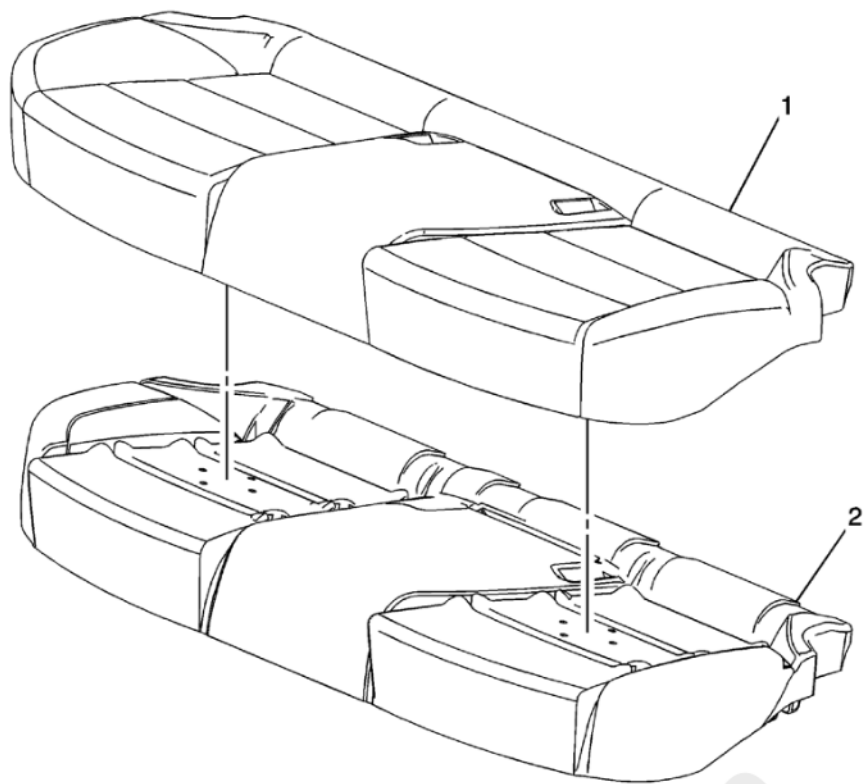


Fig. 30: Rear Seat Cushion Cover & Pad
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the rear seat cushion. Refer to Rear Seat Cushion Removal and Installation .	
1	Rear Seat Cushion Cover Procedure 1. Remove the hog rings that retain the outer portion of the cover to the pad. 2. Remove the hog rings retaining the center portions of the cover to the pad. Pull up on the cover to disengage the hook and loop retainers fastening the cover to the pad. 3. When installing the rear seat cushion cover, pull the cover tightly in all corners to ensure that no creasing occurs.
2	Rear Seat Cushion Pad

REAR SEAT CUSHION REMOVAL AND INSTALLATION

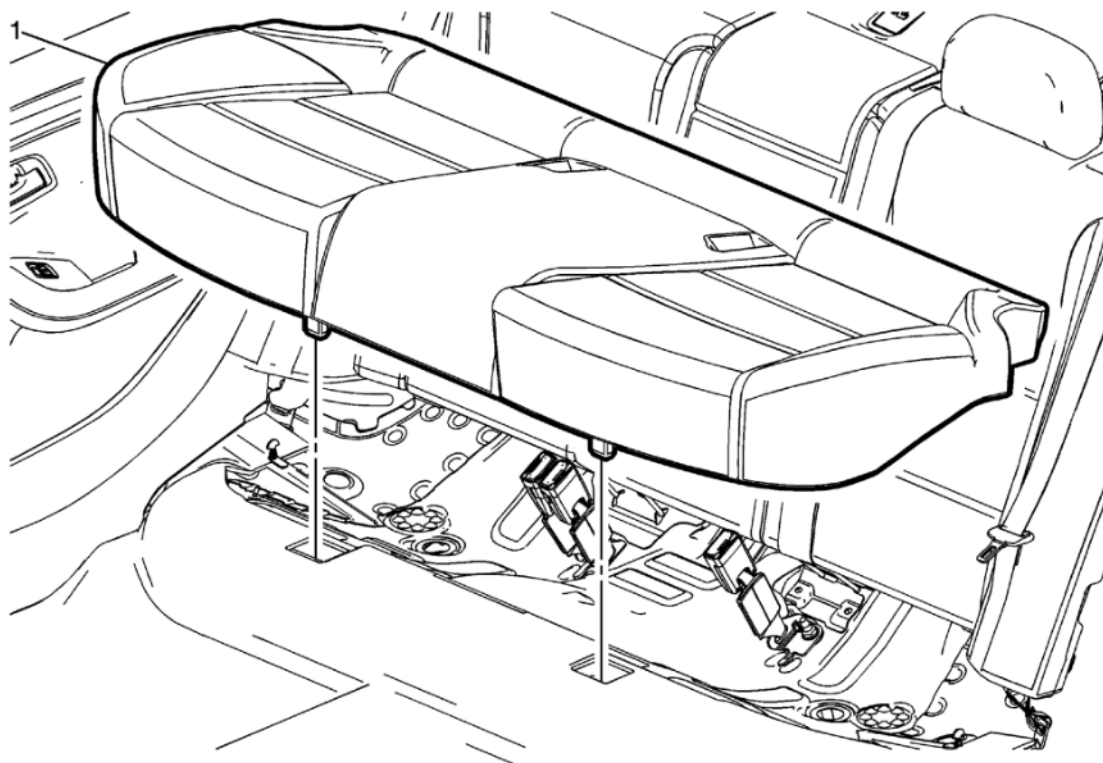


Fig. 31: Rear Seat Cushion

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Rear Seat Cushion Procedure 1. Pull up on the front of the seat cushion to disengage the retainers, and lift out of the vehicle. A high amount of upward force will be required. 2. Inspect each high retention retainer and sheet metal interface for flushness. Replace retainer as required if damage occurs during removal. 3. When re-installing the seat, the hooks at the rear of the seat must go over and behind the mushroom clips at the rear of the floor. 4. When installing new plastic retainers on the front of the seat, ONLY seat the retainer to the first click, otherwise the insertion force into the sheet metal will be greatly increased.

REAR SEAT LATCH REPLACEMENT

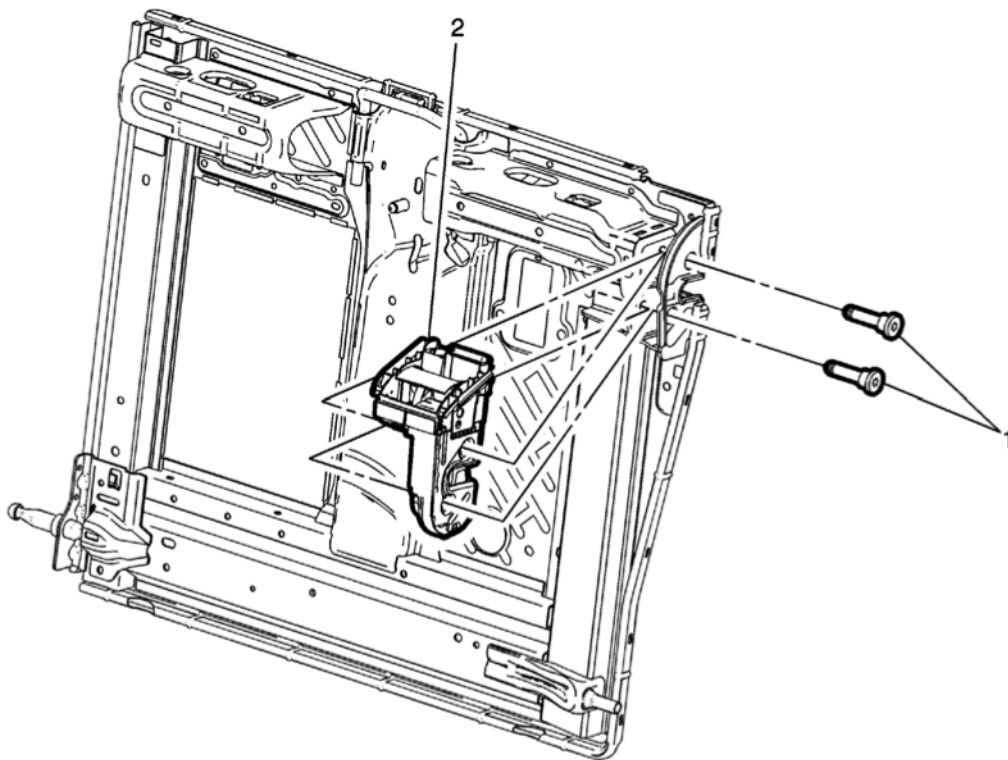


Fig. 32: Rear Seat Latch

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the rear seat back cushion cover and pad. Refer to Rear Seat Back Cushion Cover and Pad Replacement (60%) Rear Seat Back Cushion Cover and Pad Replacement (40%) .	
1	Rear Seat Latch Fastener (Qty: 2) CAUTION: Refer to Fastener Caution . Tighten 45 N.m (33 lb ft)
2	Rear Seat Latch

REAR SEAT BACK CUSHION REMOVAL AND INSTALLATION (40%)

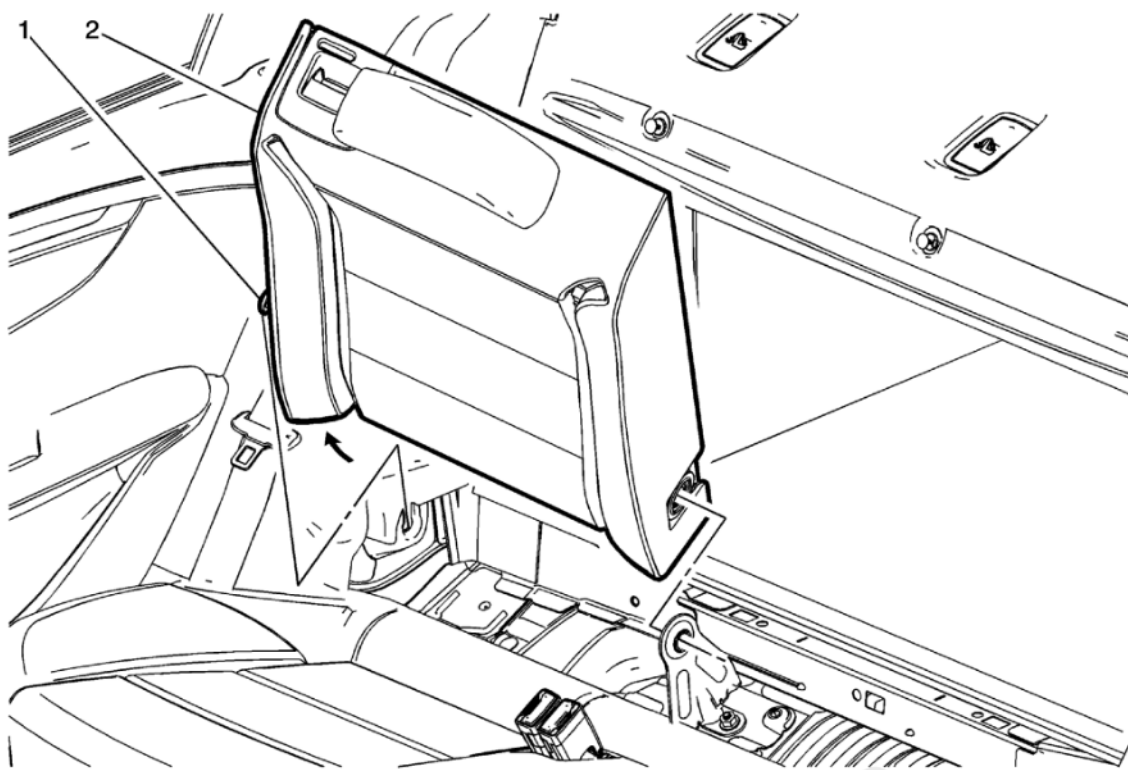


Fig. 33: Rear Seat Back Cushion (40%)
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure 1. Remove the rear seat back bolster. Refer to Rear Seat Back Bolster Replacement. 2. Remove the rear seat cushion. Refer to Rear Seat Cushion Removal and Installation.	
1	Rear Seat Back Cushion Pivot Support Procedure 1. Pull the rear seat back cushion latch release located on the top of the rear seat back cushion, and fold the rear seat back cushion forward. 2. Push in on the rear seat back cushion pivot support, and release from bracket.
2	Rear Seat Back Cushion Procedure Pull up on the outer side of the rear seat back cushion and remove the rear seat back cushion from the bracket and hinge.

REAR SEAT BACK CUSHION REMOVAL AND INSTALLATION (60%)

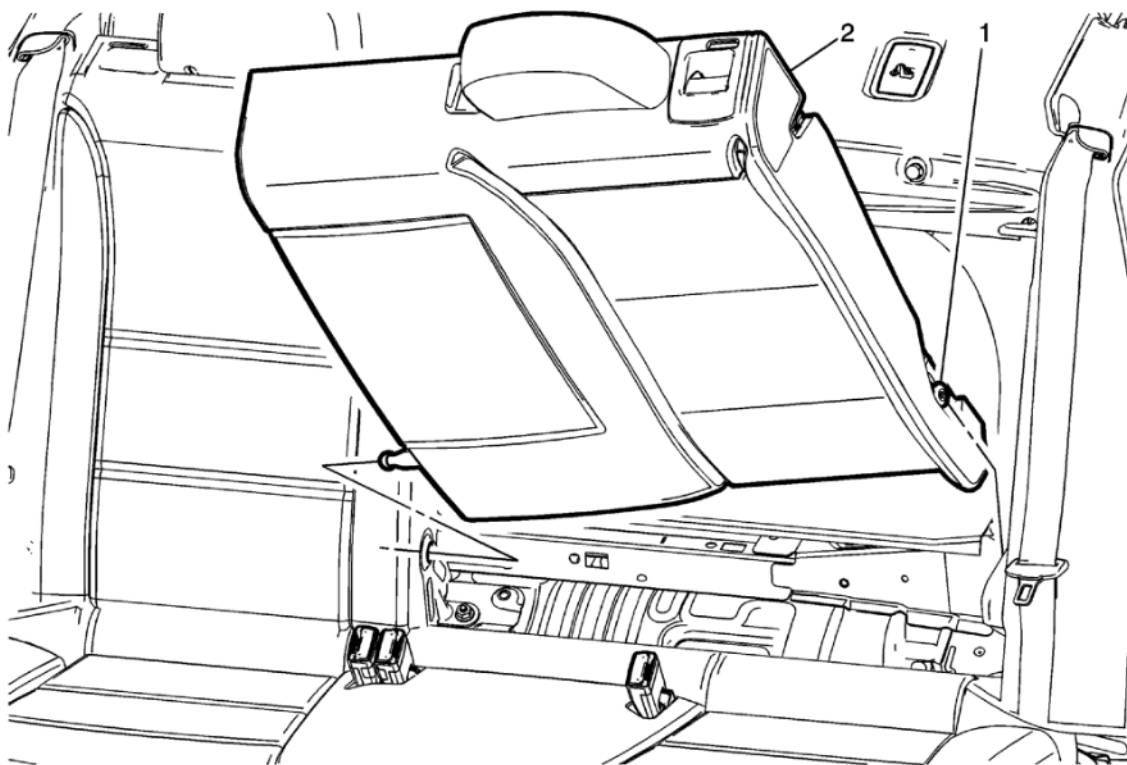


Fig. 34: Rear Seat Back Cushion (60%)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure 1. Remove the rear seat back bolster. Refer to Rear Seat Back Bolster Replacement. 2. Remove the rear seat cushion. Refer to Rear Seat Cushion Removal and Installation. 3. Remove the rear seat back 40% cushion. Refer to Rear Seat Back Cushion Removal and Installation (60%). 4. Remove the rear seat center retractor side belt lower fastener. Refer to Rear Center Seat Belt Retractor Replacement.	
1	Rear Seat Back Cushion Pivot Support Procedure 1. Pull the rear seat back cushion latch release located on the top of the rear seat back cushion, and fold the rear seat back cushion forward. 2. Push in on the rear seat back cushion pivot support, and release from bracket.
2	Rear Seat Back Cushion Procedure Pull up on the outer side of the rear seat back cushion and remove the rear seat back cushion from the bracket and hinge.

REAR SEAT BELT OPENING COVER REPLACEMENT

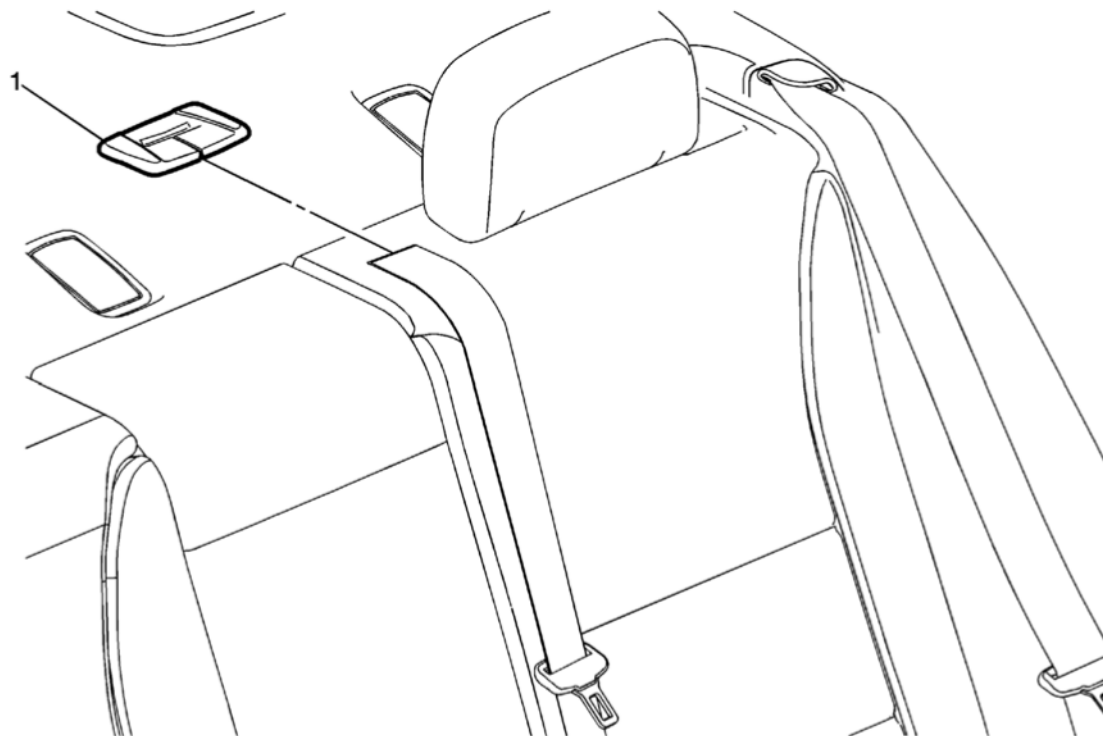


Fig. 35: Rear Seat Belt Opening Cover
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Rear Seat Belt Opening Cover Procedure 1. Release the rear portion of seat belt opening cover using a suitable flat-bladed tool. 2. Rotate the cover upward and rearward to release it from the seat back. 3. Slide the seat belt through the opening in the cover.

REAR SEAT BELT GUIDE TRIM COVER REPLACEMENT

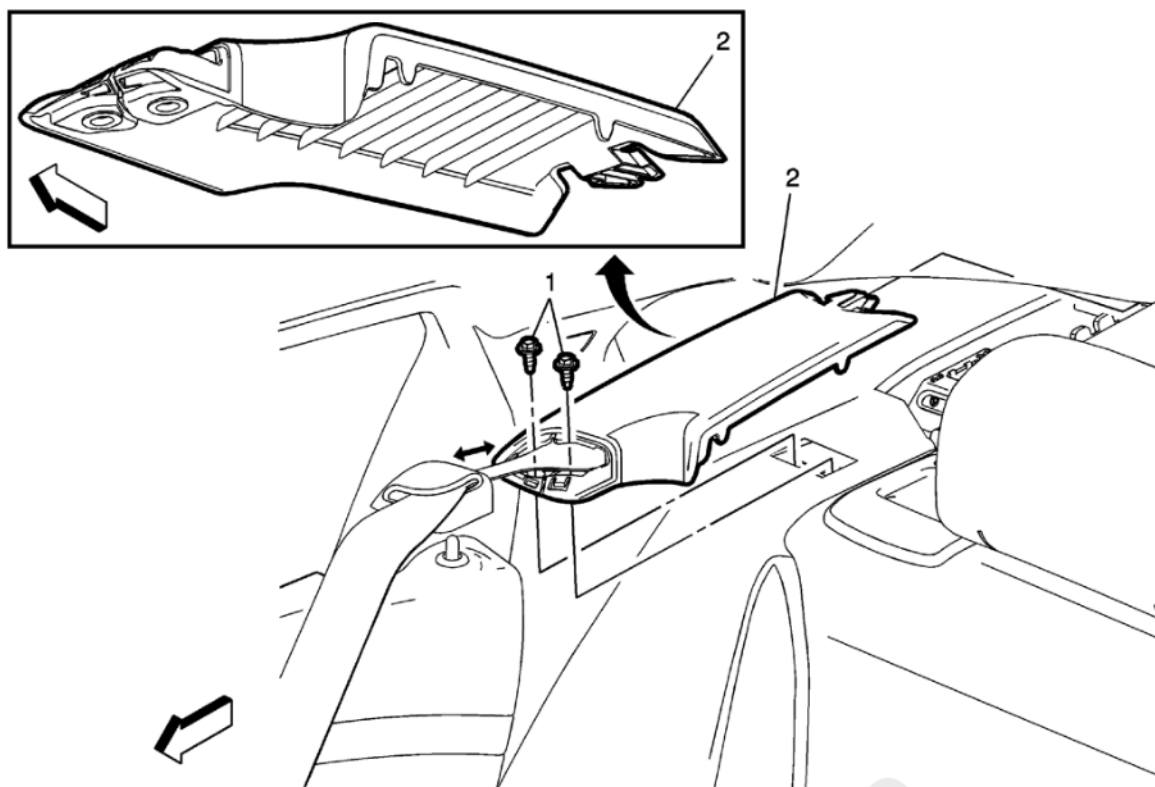


Fig. 36: Rear Seat Belt Guide Trim Cover
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures Disengage the rear seat belt opening bezel from the trim cover. Refer to Rear Seat Belt Opening Bezel Replacement .	
1	Rear Seat Belt Guide Trim Cover Fastener (Qty: 2) CAUTION: Refer to Fastener Caution .
2	Rear Seat Belt Guide Trim Cover Procedure 1. Pull the cover upward first to disengage the lower retainers. 2. Remove the rear seat belt guide cover by sliding the cover forward. 3. Route the seat belt through trim panel.

REAR SEAT BELT OPENING BEZEL REPLACEMENT

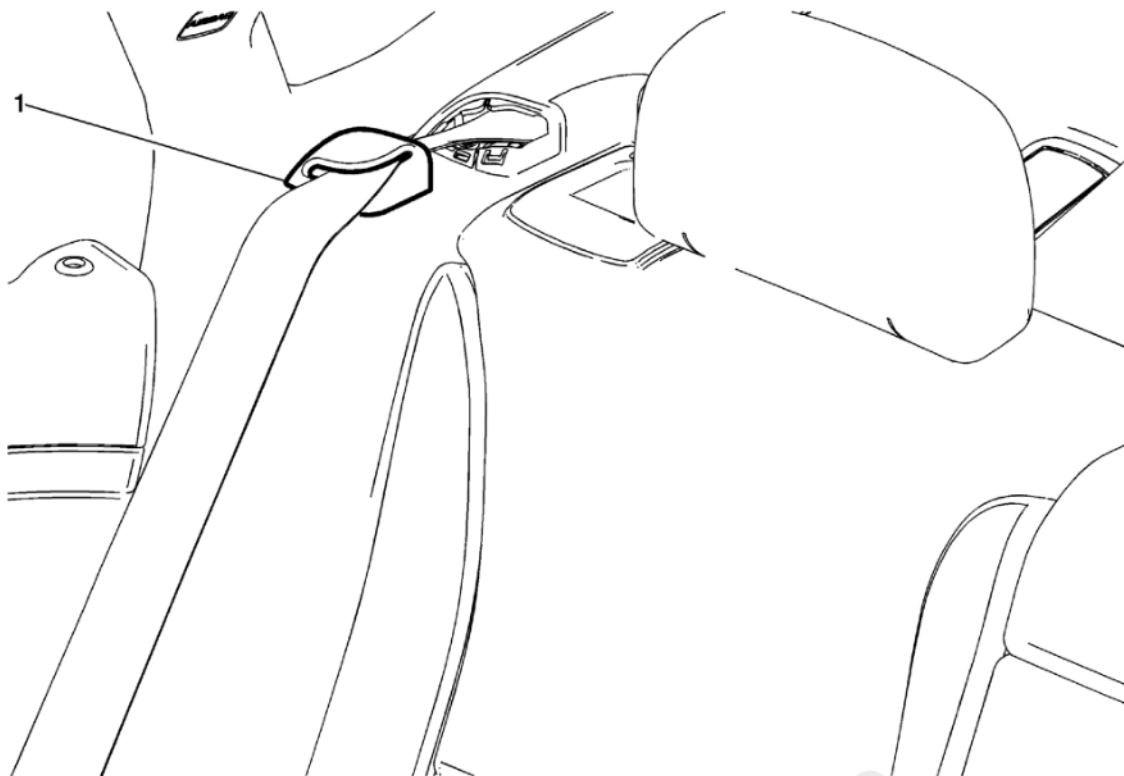


Fig. 37: Rear Seat Belt Opening Bezel
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Rear Seat Shoulder Belt Opening Bezel Procedure Disengage the rear seat back shoulder belt opening bezel from the rear seat belt guide trim cover using a suitable flat bladed tool. To replace this bezel, order a rear seat belt retractor replacement.

REAR SEAT BACK CUSHION PANEL REPLACEMENT (60%)

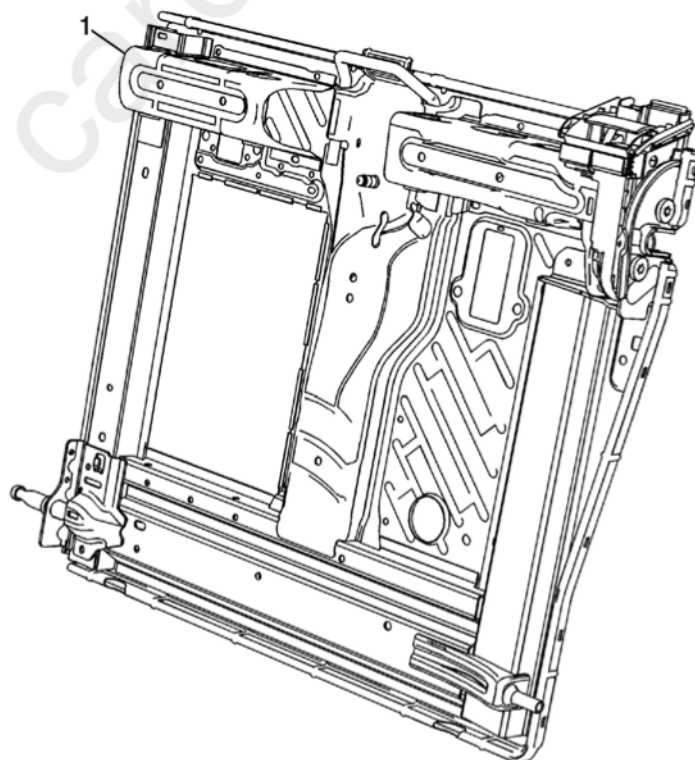


Fig. 38: Rear Seat Back Cushion Panel (60% Side)
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. Remove the rear seat armrest. Refer to Rear Seat Armrest Replacement. 2. Remove the rear seat back cushion cover and pad. Refer to Rear Seat Back Cushion Cover and Pad Replacement (60%). 3. Remove the rear seat back cushion pivot support. 4. Remove the rear seat back latch. Refer to Rear Seat Latch Replacement.	
1	Rear Seat Back Cushion Panel Procedure If replacing the seat back panel, transfer components as necessary.

REAR SEAT BACK CUSHION PANEL REPLACEMENT (40%)

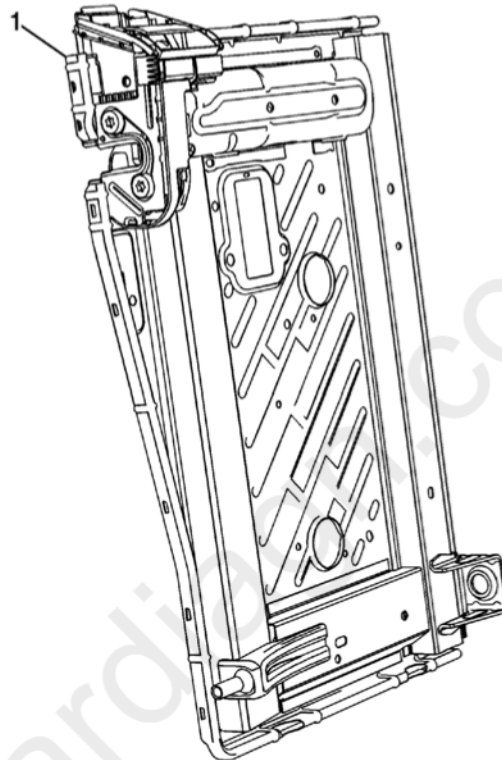


Fig. 39: Rear Seat Back Cushion Panel (40% Side)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. Remove the rear seat back cushion cover and pad. Refer to Rear Seat Back Cushion Cover and Pad Replacement (40%). 2. Remove the rear seat back latch. Refer to Rear Seat Latch Replacement.	
1	Rear Seat Back Cushion Panel Procedure If replacing the seat back panel, transfer components as necessary.

REAR SEAT BACK CUSHION CARPET REPLACEMENT (60%)

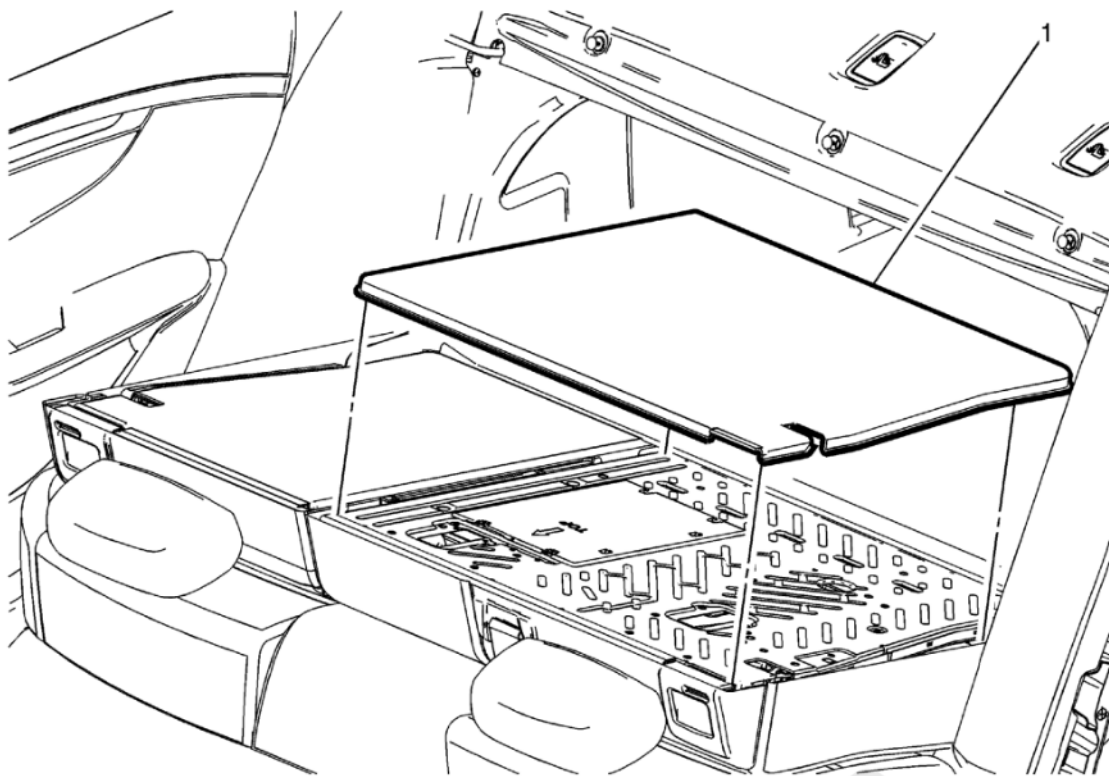


Fig. 40: Rear Seat Back Cushion Carpet (60%)

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures Remove the rear seat belt cushion latch release handle bezel. Refer to Rear Seat Back Latch Release Handle Bezel Replacement .	
1	Rear Seat Back Cushion Carpet Procedure 1. Fold rear seat back cushion forward. 2. Disengage the j-channel retainers from the seat back cushion frame. 3. Disengage any retainers holding the carpet around the passthrough panel, if equipped. 4. Remove rear seat back cushion carpet.

REAR SEAT BACK CUSHION CARPET REPLACEMENT (40%)

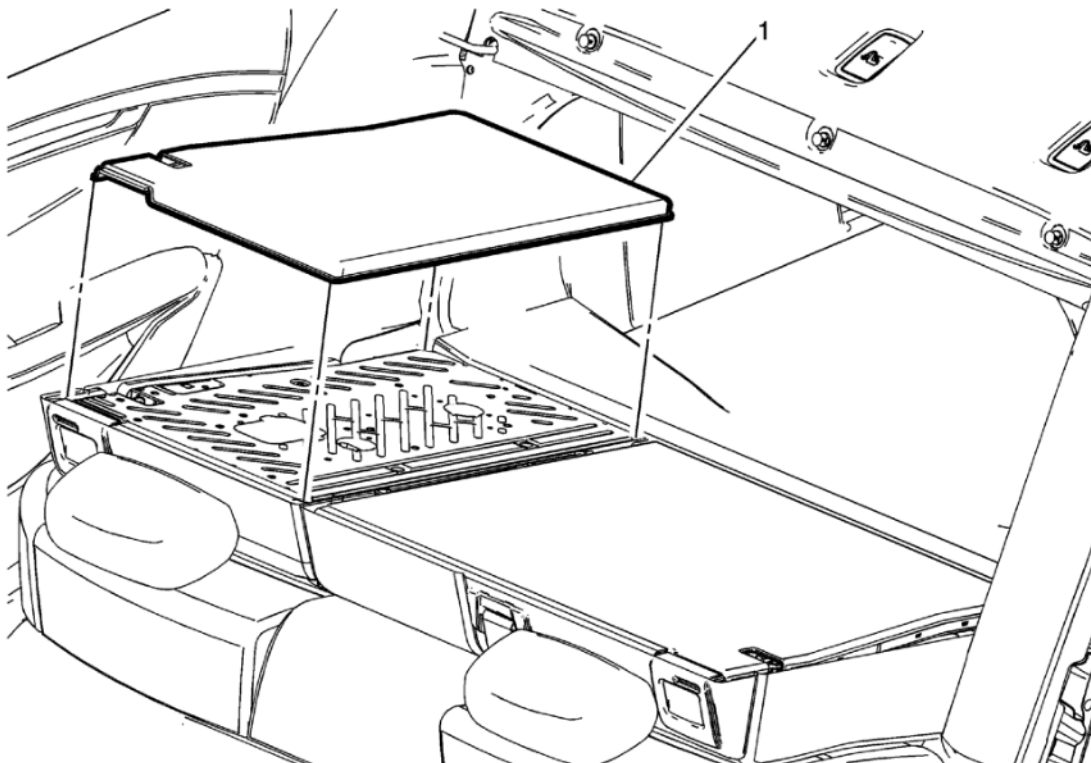


Fig. 41: Rear Seat Back Cushion Carpet (40%)

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures Remove the rear seat belt cushion latch release handle bezel. Refer to Rear Seat Back Latch Release Handle Bezel Replacement .	
1	Rear Seat Back Cushion Carpet Procedure 1. Fold rear seat back cushion forward. 2. Disengage the j-channel retainers from the seat back cushion frame. 3. Remove rear seat back cushion carpet.

REAR SEAT BACK CUSHION COVER AND PAD REPLACEMENT (60%)

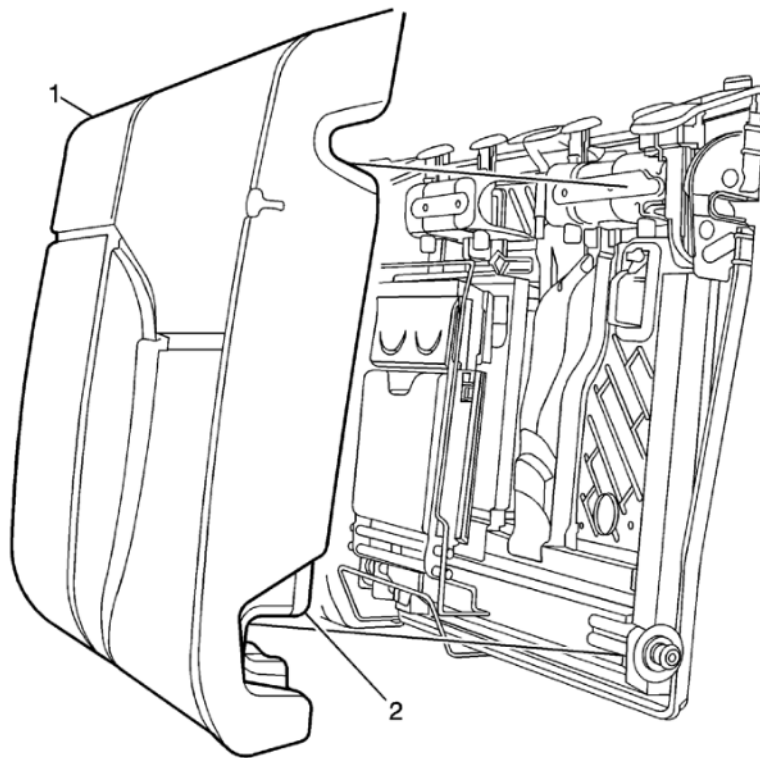


Fig. 42: Rear Seat Back Cushion Cover And Pad (60% Side)

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. Remove the rear seat back cushion 60%. Refer to Rear Seat Back Cushion Removal and Installation (60%). 2. Remove the rear seat armrest. Refer to Rear Seat Armrest Replacement 3. Remove the rear seat back cushion carpet. Refer to Rear Seat Back Cushion Carpet Replacement (60%). 4. Remove the rear seat head restraint guides. Refer to Rear Seat Head Restraint Guide Replacement. 5. Remove the rear seat shoulder belt opening cover. Refer to Rear Seat Belt Opening Bezel Replacement. 6. Remove the rear seat back cushion pivot support. Refer to Rear Seat Back Cushion Pivot Support Replacement. 7. Remove the rear seat armrest frame bracket. 8. Remove the rear compartment access door.	
1	Rear Seat Back Cushion Cover Procedure Remove the hook and loop fasteners, C channels, J channels, tree style push in retainers and hog rings that secure the rear seat back cushion cover to the pad.
2	Rear Seat Back Cushion Pad

REAR SEAT BACK CUSHION COVER AND PAD REPLACEMENT (40%)

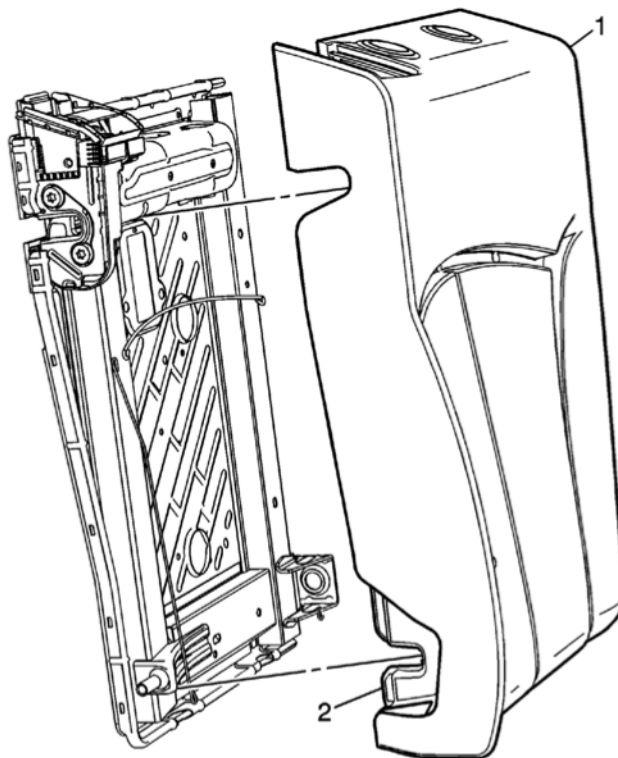


Fig. 43: Rear Seat Back Cushion Cover And Pad (40% Side)

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. Remove the rear seat back cushion 40%. Refer to Rear Seat Back Cushion Removal and Installation (40%). 2. Remove the rear seat back cushion carpet. Refer to Rear Seat Back Cushion Carpet Replacement (40%). 3. Remove the rear seat head restraint guides. Refer to Rear Seat Head Restraint Guide Replacement. 4. Remove the rear seat back cushion pivot support. Refer to Rear Seat Back Cushion Pivot Support Replacement.	
1	Rear Seat Back Cushion Cover Procedure Remove the hook and loop fasteners, C channels, J channels, tree style push in retainers and hog rings that secure the rear seat back cushion cover to the pad.
2	Rear Seat Back Cushion Pad

REAR SEAT BACK CUSHION HINGE REPLACEMENT

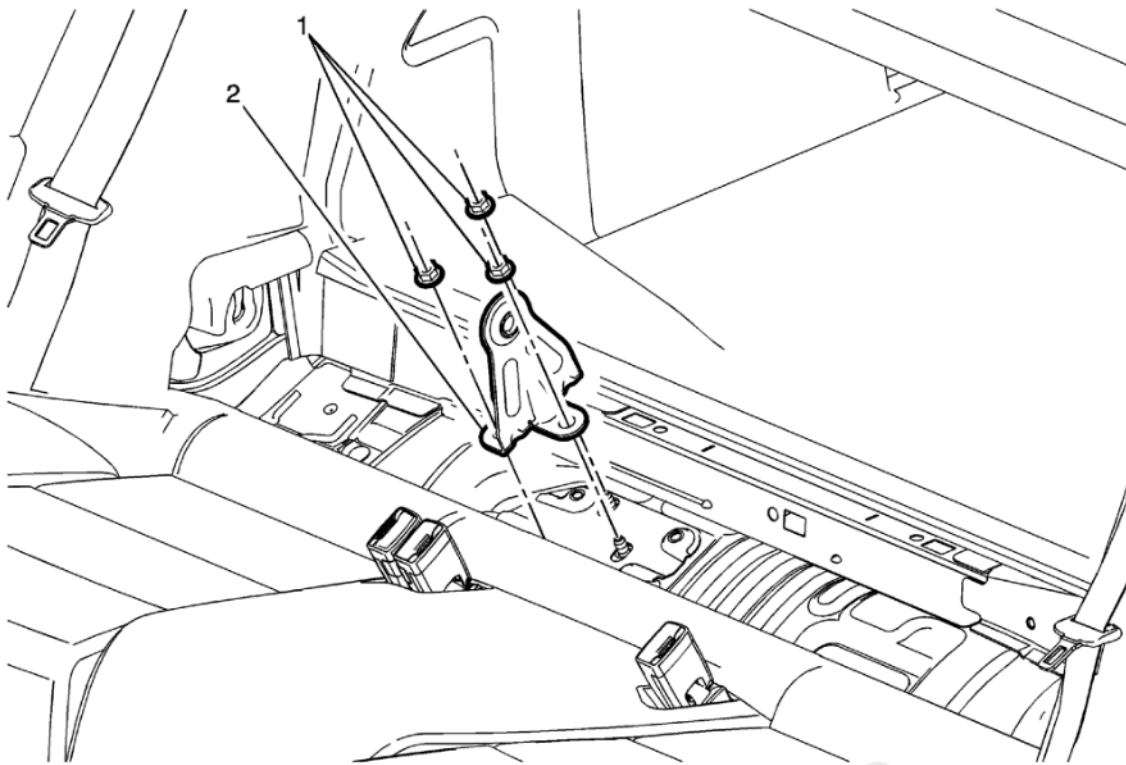


Fig. 44: Rear Seat Back Cushion Hinge
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove both rear seat back cushions. Refer to Rear Seat Back Cushion Removal and Installation (40%) Rear Seat Back Cushion Removal and Installation (60%) .	
1	Rear Seat Back Cushion Hinge Fastener (Qty: 3) CAUTION: Refer to Fastener Caution . Tighten 45 N.m (33 lb ft)
2	Rear Seat Back Cushion Hinge Procedure Detach the rear seat back cushion hinge from the mounting studs.

REAR COMPARTMENT ACCESS DOOR REPLACEMENT

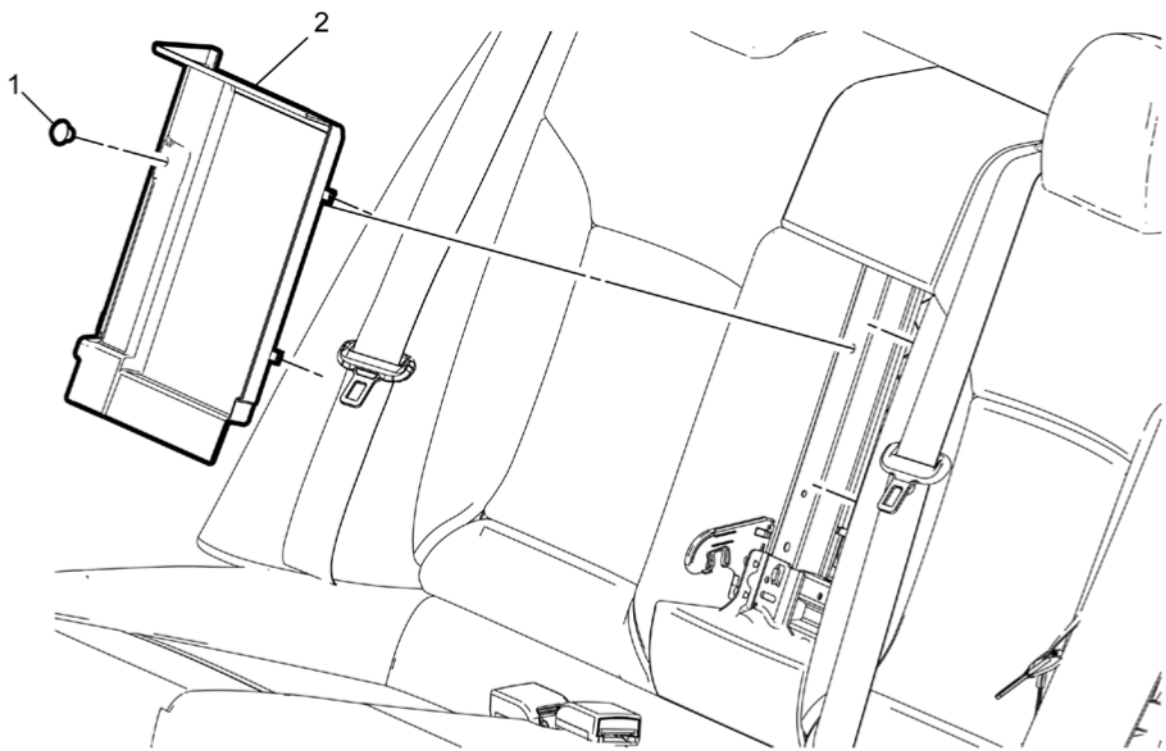


Fig. 45: Rear Compartment Access Door
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Rear Compartment Access Door Cover Fastener Procedure Use a flat-bladed tool to release the fastener from the access door and seat back frame. NOTE: Pull the rear seat armrest down to gain access to the fasteners.
2	Rear Compartment Access Door Cover Procedure Firmly grasp the access door cover, pulling upward on the fastener side to remove.

REAR SEAT BACK LATCH RELEASE HANDLE BEZEL REPLACEMENT

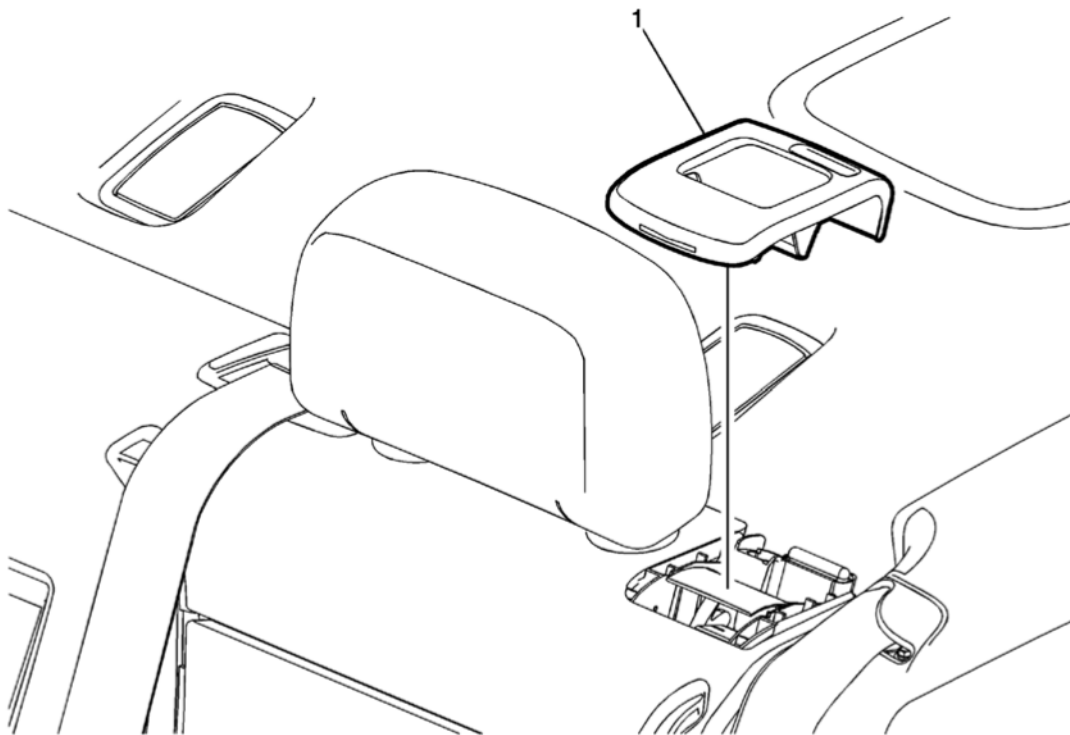


Fig. 46: Rear Seat Back Cushion Latch Release Handle Bezel

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Rear Seat Back Cushion Latch Release Handle Bezel Procedure Release the rear seat back cushion latch release handle using a suitable flat-bladed tool.