

2017 ACCESSORIES & EQUIPMENT**Seat Hardware, Trim, and Upholstery - Encore, Trax****SPECIFICATIONS****FASTENER SPECIFICATIONS****Reusable Threaded Fastener Tightening Specifications**

NOTE: <i>All fasteners listed in this table can be reused after removal.</i>	
Application	Specification
	Metric (English)
Driver or Passenger Seat Adjuster Handle Fastener	2.8 N.m (25 lb in)
Driver or Passenger Seat Back Cushion Frame Bolt	22 N.m (16 lb ft)
Driver or Passenger Seat Cushion Frame Bolt	22 N.m (16 lb ft)
Driver or Passenger Seat Cushion Outer Finish Panel Front Fastener	2.8 N.m (25 lb in)
Driver or Passenger Seat Cushion Outer Finish Panel Side Fastener	2.8 N.m (25 lb in)
Driver or Passenger Seat Inner Recliner Finish Cover Fastener	8 N.m (71 lb in)
Front Seat Armrest Mounting Bolt	45 N.m (33 lb ft)
Front Seat Belt Anchor Plate Tensioner Cover Fastener	5 N.m (44 lb in)
Front Seat Mounting Bolt	40 N.m (30 lb ft)
Front Seat Vertical Adjuster Fastener	2.8 N.m (25 lb in)
Rear Seat Armrest Nut	9 N.m (80 lb in)
Rear Seat Back Cushion Hinge Nut	43 N.m (32 lb ft)
Rear Seat Back Cushion Hinge Stop Fastener	3 N.m (27 lb in)
Rear Seat Back Outer Pivot Bolt	23 N.m (17 lb ft)
Rear Seat Cushion Bracket Bolt	22 N.m (16 lb ft)
Rear Seat Cushion Nut	43 N.m (32 lb ft)
Rear Seat Latch Fastener	45 N.m (33 lb ft)

DIAGNOSTIC INFORMATION AND PROCEDURES**MANUAL SEAT ADJUSTER LOCKS BETWEEN LOCK POSITIONS**

Problem	Action
The adjusters are misaligned.	Align the adjusters.
The adjusters are new, not broken in.	Operate the seat to the fully forward and fully rearward positions several times in order to work the tightness out of the channels.
The adjusters are improperly lubricated.	Lubricate the adjuster channels.
The adjusters are bent or damaged.	Replace the adjusters.
The adjusters are binding or damaged.	Lubricate or replace the adjusters.
The seat components are loose, damaged, or broken.	Repair or replace the seat.
The seat mounting bolts are loose.	Tighten the mounting bolts to specifications. Refer to Fastener Specifications .

SEATS - ADJUSTER TRACK LOCKS AHEAD OF OTHER TRACK

Condition	Action
IMPORTANT: Replace all seat adjusters as an assembly Replace both sides at the same time.	
The adjusters are out of time.	Remove and reinstall the front bucket seat. Refer to Driver or Passenger Seat Removal and Installation .

REPAIR INSTRUCTIONS

DRIVER OR PASSENGER SEAT REMOVAL AND INSTALLATION

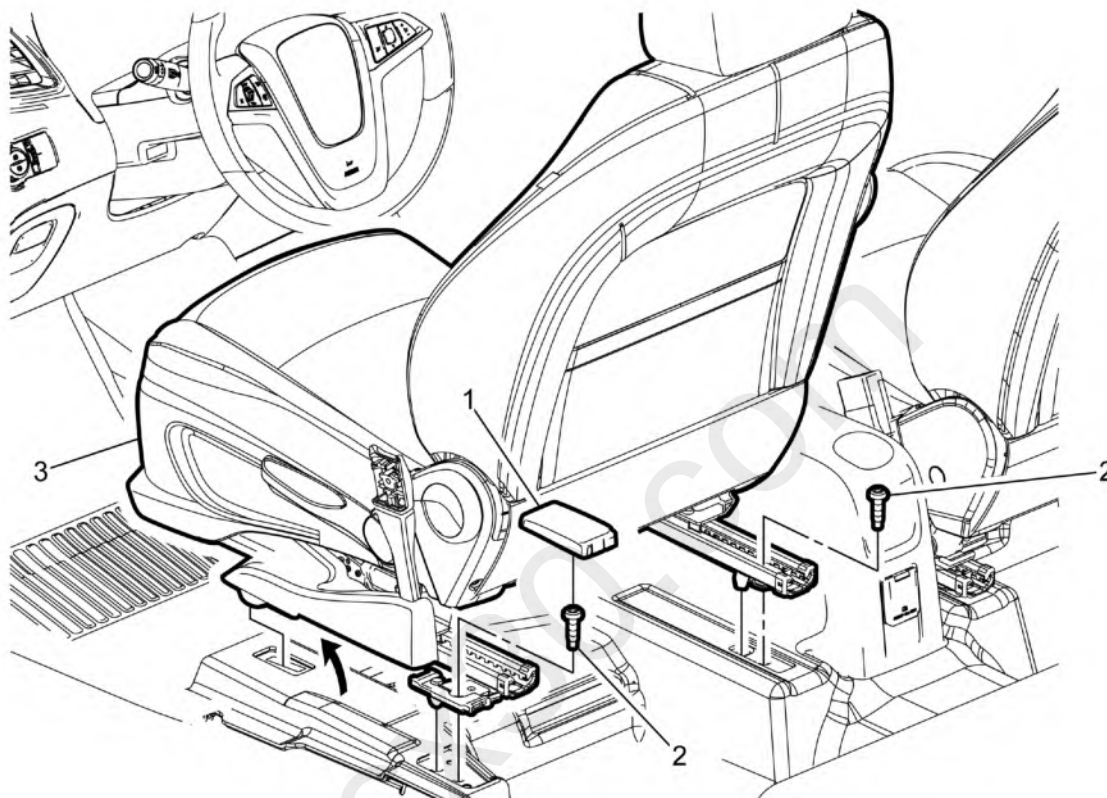


Fig. 1: Driver Or Passenger Seat
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
WARNING: Refer to SIR Warning .	
Preliminary Procedures 1. Disable the SIR system. Refer to SIR Disabling and Enabling . 2. Disable the front seat belt tensioner fastener by removing the cap, and cover, if equipped. Refer to Front Seat Belt Retractor Replacement (With A69) .	
1	Front Seat Riser Finish Cover Procedure Remove the front seat riser cover. Refer to Front Seat Riser Finish Cover Replacement .

Callout	Component Name
2	Front Seat Mounting Bolt (Qty: 2) CAUTION: Refer to Fastener Caution . Procedure Adjust the seat to the full forward position to gain access to the rear bolts. Tighten 40 N.m (30 lb ft)
3	Driver or Passenger Seat Assembly Procedure 1. Disconnect the electrical connector. 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 front hooks. 3. Transfer components as necessary.

DRIVER OR PASSENGER SEAT CUSHION OUTER FINISH PANEL REPLACEMENT (POWER)

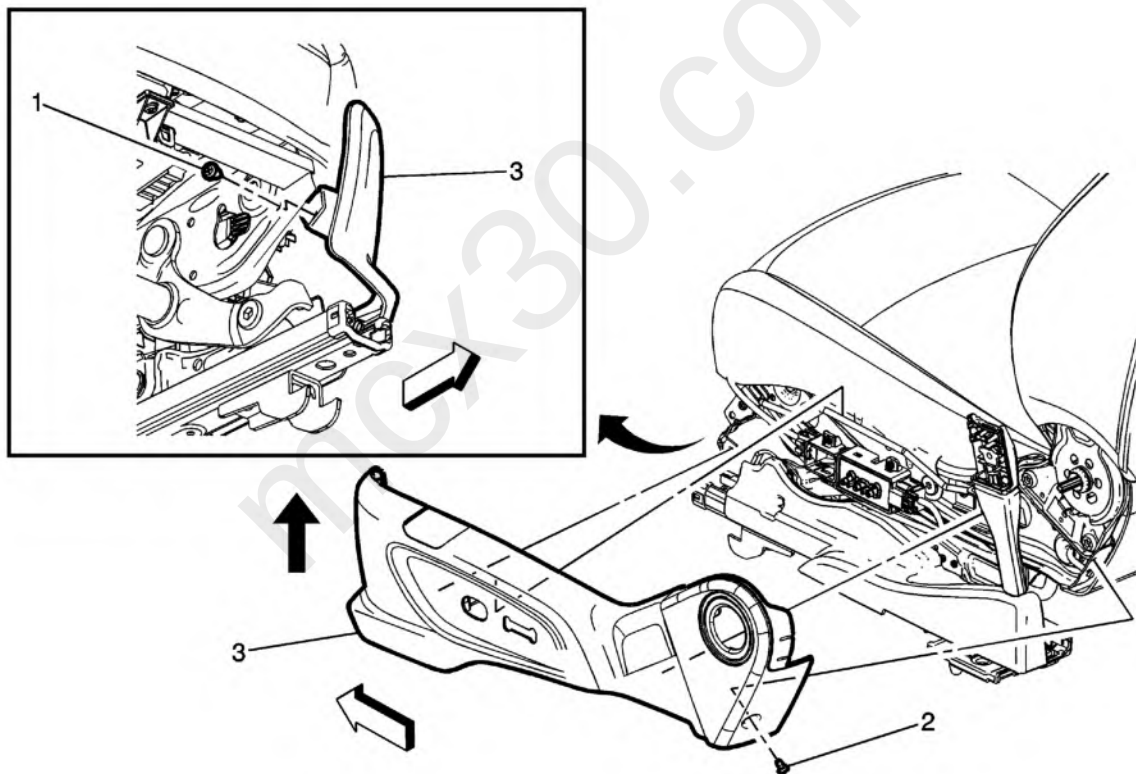


Fig. 2: Driver Or Passenger Seat Cushion Outer Finish Panel (Power)

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. Remove the driver or passenger seat recliner handle. Refer to Front Seat Back Recliner Handle Replacement 2. Remove the front seat recliner and adjuster knobs.	

Callout	Component Name
1	Driver or Passenger Seat Cushion Outer Finish Panel Front Fastener CAUTION: Refer to Fastener Caution .
2	Driver or Passenger Seat Cushion Outer Finish Panel Rear Fastener
3	Driver or Passenger Seat Cushion Outer Finish Panel Procedure 1. Make sure the seat is in the full up position. 2. Gently pull outboard on the front half of the finish cover to disengage the panel rib from the seat frame. 3. Firmly grasp the upper area of the finish cover that folds over the seat cushion frame, this area needs to be flexed outward while sliding the finish cover upward. 4. If replacing the cover, transfer components as necessary.

DRIVER OR PASSENGER SEAT CUSHION OUTER FINISH PANEL REPLACEMENT (MANUAL)

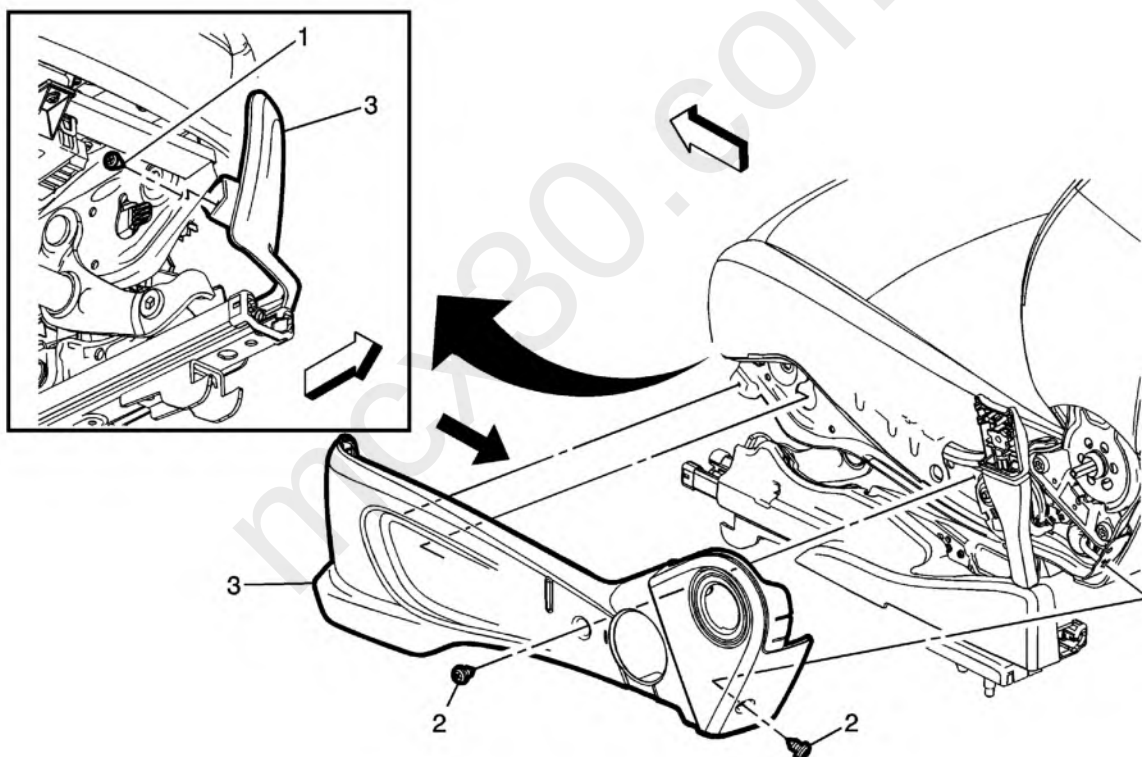


Fig. 3: Driver Or Passenger Seat Cushion Outer Finish Panel (Manual)

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures	
1. Remove the driver or passenger seat recliner handle. Refer to Front Seat Back Recliner Handle Replacement 2. Remove the front seat vertical adjuster handle, if equipped. Refer to Driver or Passenger Seat Adjuster Vertical Actuator Handle Replacement	

Callout	Component Name
1	Driver or Passenger Seat Cushion Outer Finish Panel Front Fastener CAUTION: Refer to Fastener Caution . Tighten 2.8 N.m (25 lb in)
2	Driver or Passenger Seat Cushion Outer Finish Panel Side Fasteners (Qty: 2) Tighten 2.8 N.m (25 lb in)
3	Driver or Passenger Seat Cushion Outer Finish Panel Procedure 1. Make sure the seat is in the full up position. 2. Gently pull outboard on the front half of the finish cover to disengage the panel rib from the seat frame. 3. Firmly grasp the upper area of the finish cover that folds over the seat cushion frame, this area needs to be flexed outward while sliding the finish cover upward. 4. If replacing the cover, transfer components as necessary.

FRONT SEAT RISER FINISH COVER REPLACEMENT

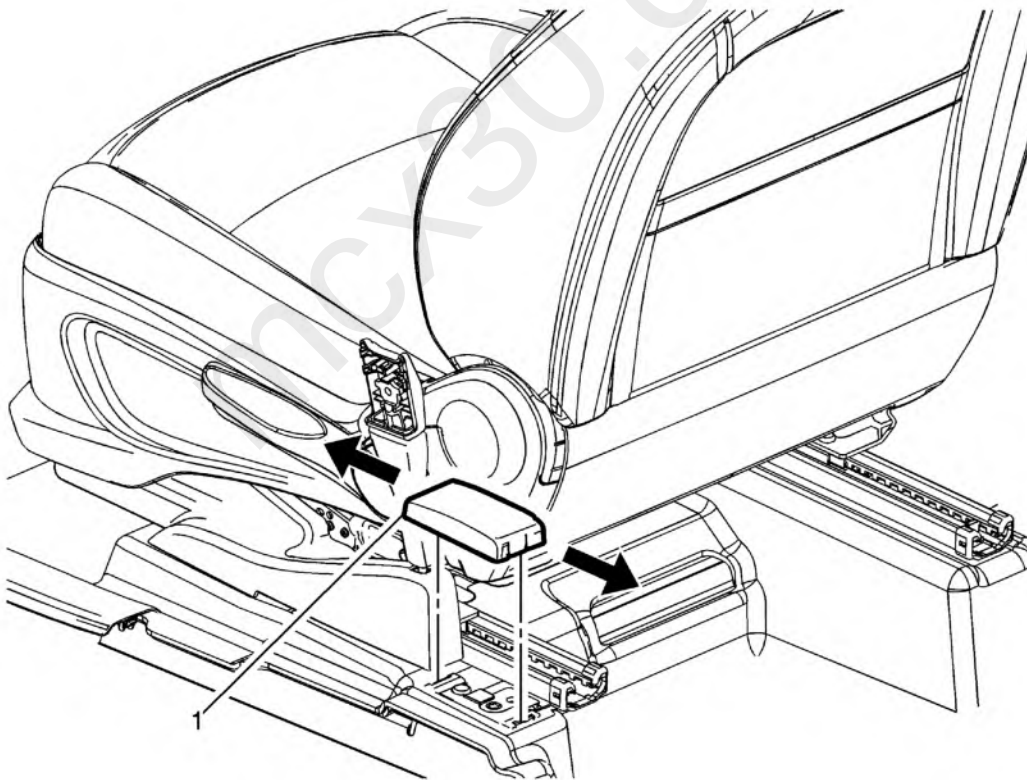


Fig. 4: Front Seat Riser Finish Cover

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name

Callout	Component Name
1	Front Seat Riser Finish Cover CAUTION: Do not twist the cover during removal. Twisting the cover may cause the component to break. Procedure Remove the finish cover by firmly grasping the front or rear of the cover and pulling the cover outward then upward to disengage it from the track.

DRIVER OR PASSENGER SEAT ADJUSTER VERTICAL ACTUATOR HANDLE REPLACEMENT

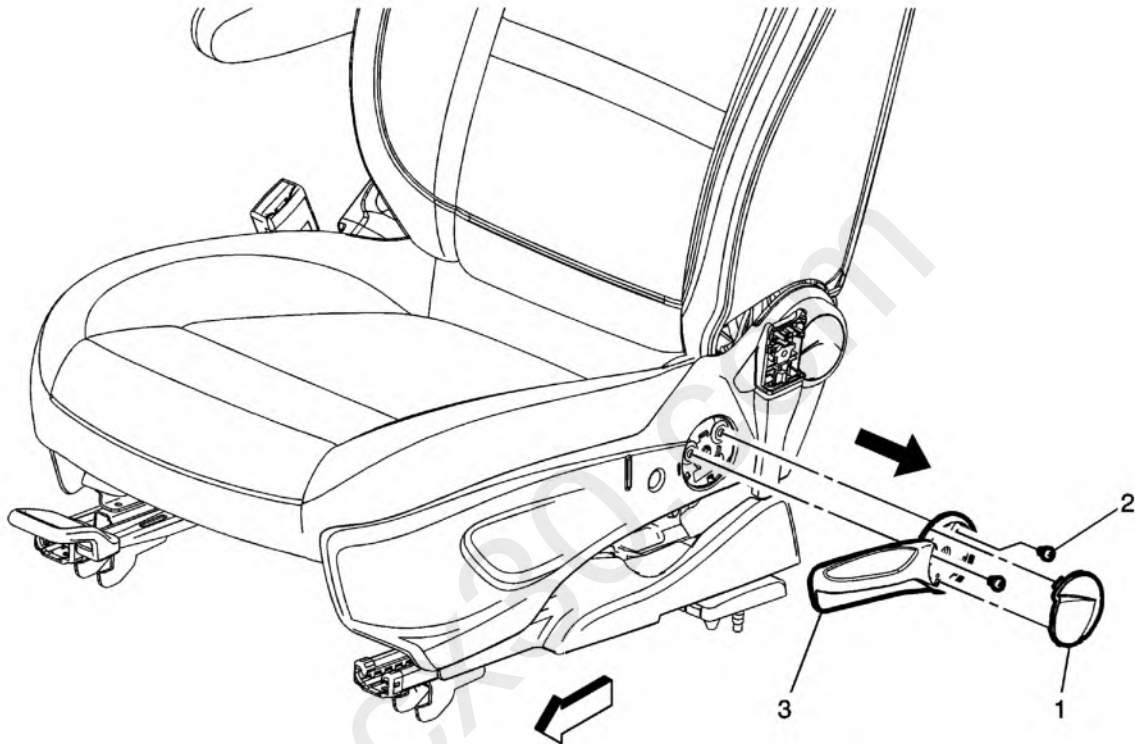


Fig. 5: Driver or Passenger Seat Adjuster Vertical Actuator Handle
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Front Seat Vertical Adjuster Cap Procedure Use a flat-bladed tool to push inward on the three tabs to release the handle cover from the handle assembly.
2	Front Seat Vertical Adjuster Fastener (Qty: 2) CAUTION: Refer to Fastener Caution . Tighten 2.8 N.m (25 lb in)
3	Front Seat Vertical Adjuster Handle Procedure Use a flat-bladed tool to release the adjuster handle from the seat frame assembly.

DRIVER OR PASSENGER SEAT ADJUSTER HANDLE REPLACEMENT

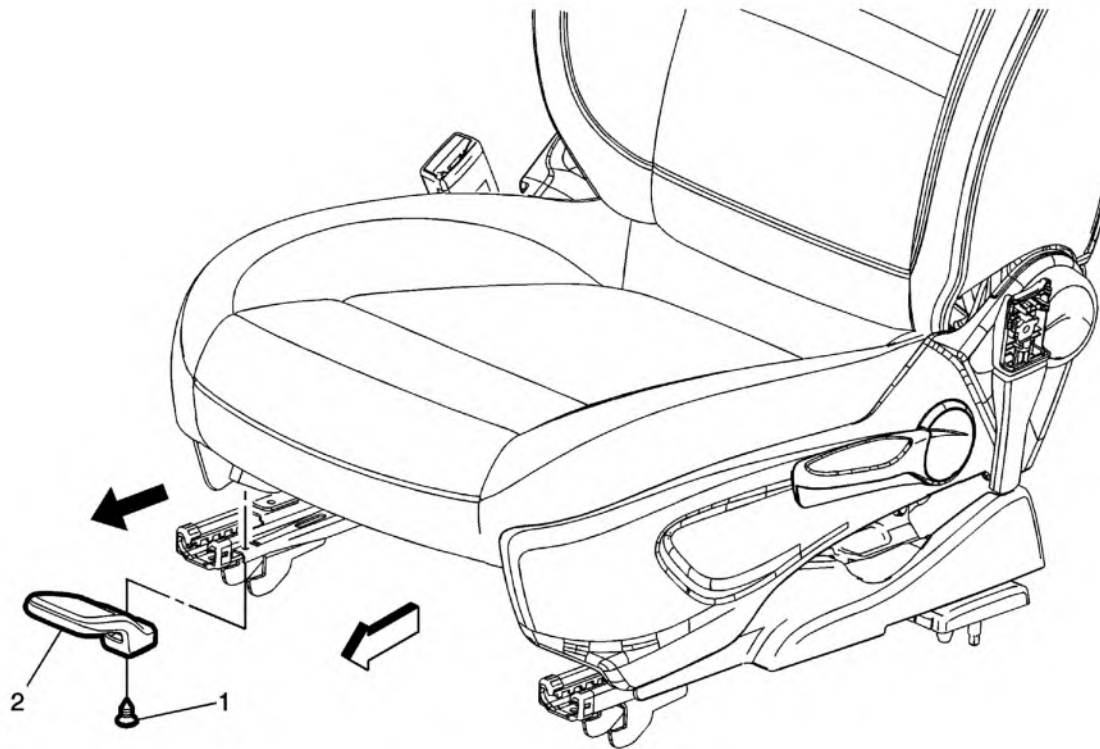


Fig. 6: Driver Or Passenger Seat Adjuster Handle
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Driver or Passenger Seat Adjuster Handle Fastener CAUTION: Refer to Fastener Caution . Tighten 2.8 N.m (25 lb in)
2	Driver or Passenger Seat Adjuster Handle

FRONT SEAT VERTICAL ADJUSTER REPLACEMENT

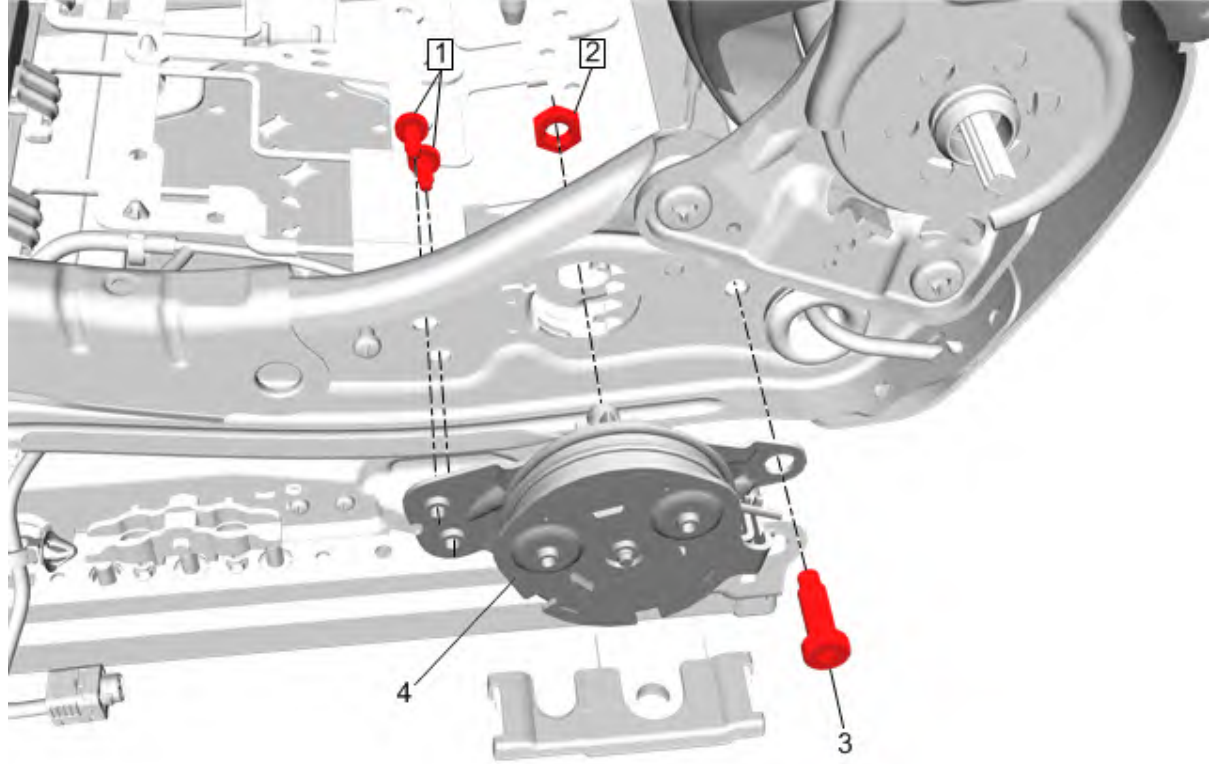


Fig. 7: Front Seat Vertical Adjuster

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. Remove Front Seat Cushion Cover and Pad. Refer to Front Seat Cushion Cover and Pad Replacement 2. Remove Front Seat Belt Anchor Plate Tensioner. Refer to Front Seat Belt Anchor Plate Tensioner Replacement	
1	Front Seat Adjuster Screw (Qty: 2) CAUTION: Fastener Caution Tighten 12 N.m (106 lb in)
2	Front Seat Adjuster Nut Tighten 20 N.m (15 lb ft)
3	Front Seat Adjuster Screw Tighten 12 N.m (106 lb in)
4	Front Seat Vertical Adjuster Procedure Carefully disengage the adjuster by pulling outward.

FRONT SEAT STORAGE TRAY REPLACEMENT (BA8)

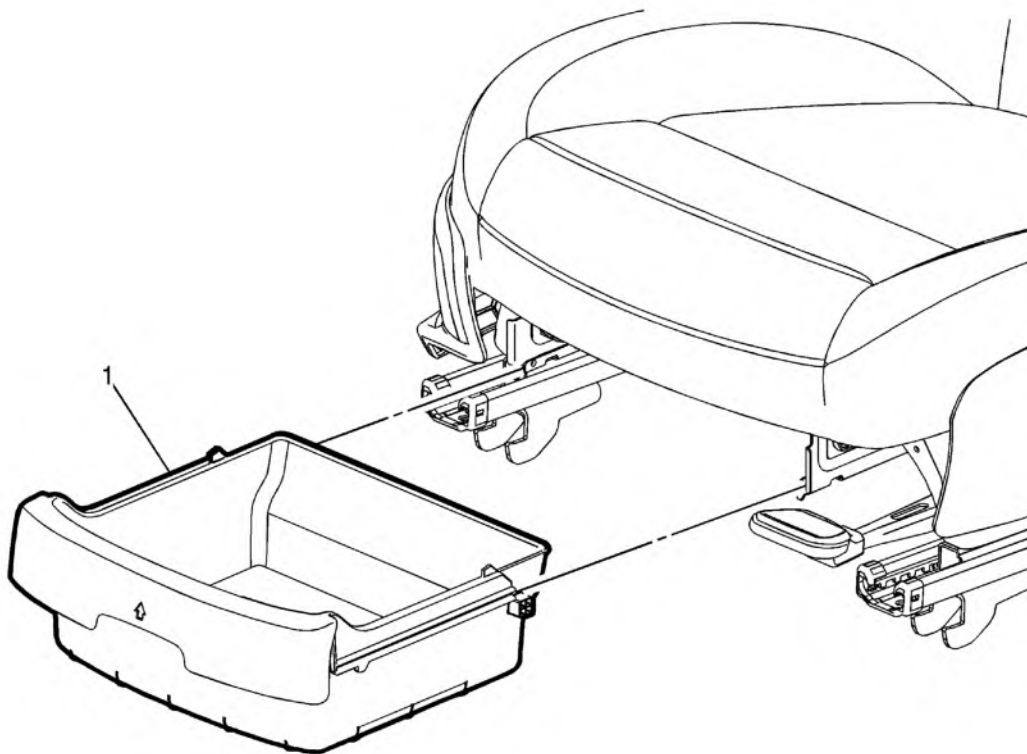


Fig. 8: Front Seat Storage Tray_(BA8)
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Front Seat Storage Tray Procedure Carefully disengage the tray by pulling forward near the bottom of the tray.

FRONT SEAT STORAGE TRAY BRACKET REPLACEMENT

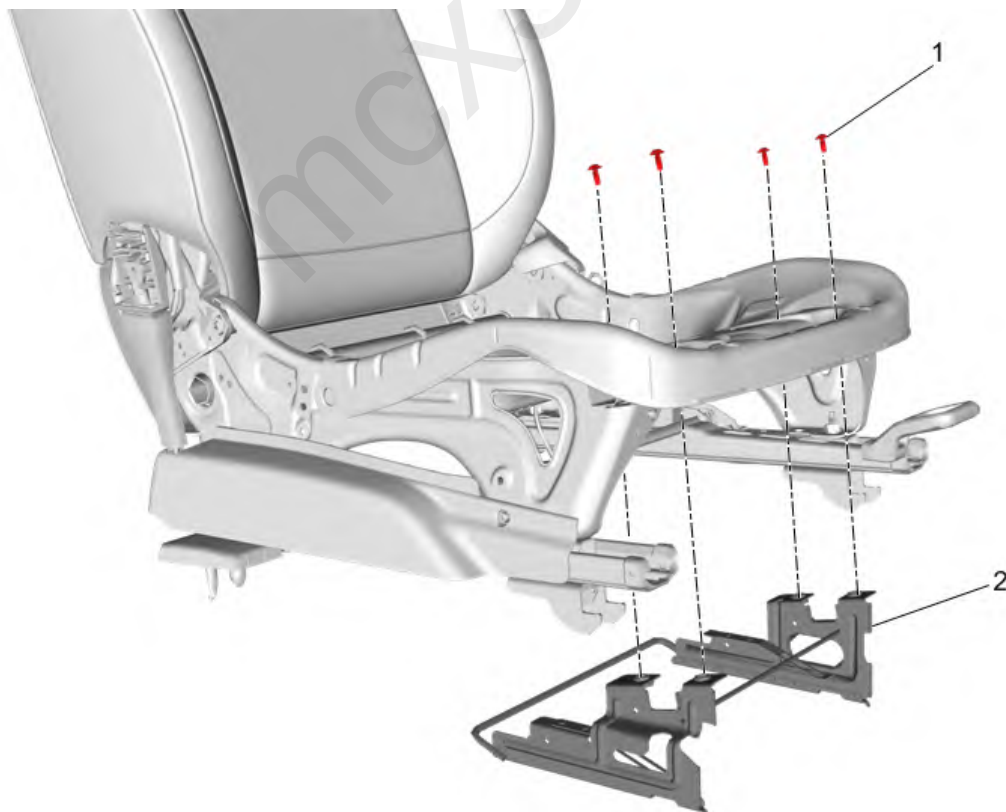


Fig.9: Front Seat Storage Tray Bracket
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name

Callout	Component Name
Preliminary Procedures 1. Remove Front Seat Cushion Cover and Pad. Refer to Front Seat Cushion Cover and Pad Replacement. 2. Remove Front Seat Storage Tray. Refer to Front Seat Storage Tray Replacement (BA8).	
1	Front Seat Storage Tray Bracket Fastener (Qty: 4) CAUTION: Refer to Fastener Caution . Tighten 2.8 N.m (25 lb in)
2	Front Seat Storage Tray Bracket

FRONT SEAT ARMREST REPLACEMENT (D05)

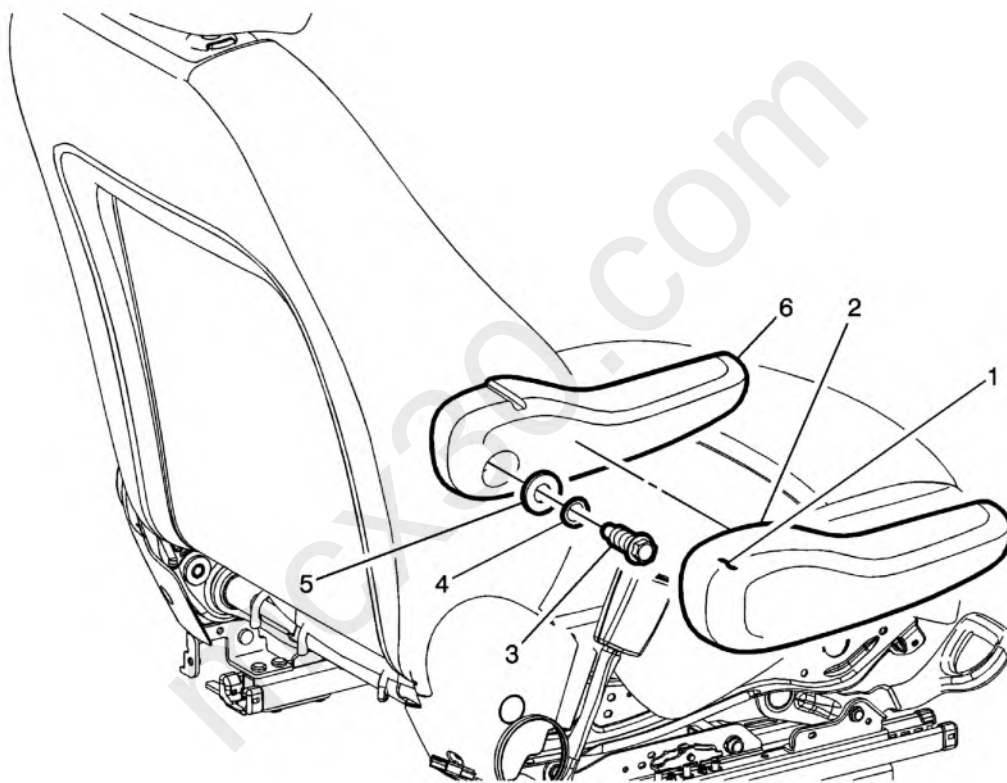


Fig. 10: Front Seat Armrest And Components (D05)

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Front Seat Armrest Cover Zipper Procedure Open the zipper to access the front seat armrest mounting bolt and to remove the armrest cover
2	Front Seat Armrest Cover Procedure Slide the armrest cover off the armrest assembly.

Callout	Component Name
3	Front Seat Armrest Mounting Bolt CAUTION: Refer to Fastener Caution . Tighten 45 N.m (33 lb ft)
4	Front Seat Armrest Spring Washer
5	Front Seat Armrest Washer
6	Front Seat Armrest Assembly

DRIVER OR PASSENGER SEAT HEAD RESTRAINT REPLACEMENT (AJC)

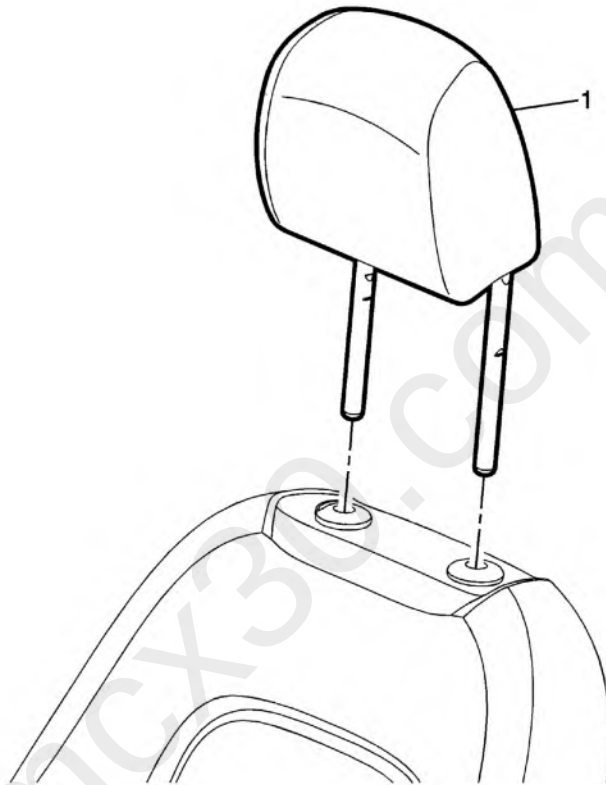


Fig. 11: Driver or Passenger Seat Head Restraint (AJC)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Driver or Passenger Seat Head Restraint Procedure 1. Raise the headrest to the full upward position. 2. Depress the flush button on the head restraint guide. 3. Remove the head restraint by pulling up on the restraint.

DRIVER OR PASSENGER SEAT HEAD RESTRAINT REPLACEMENT (AHR)

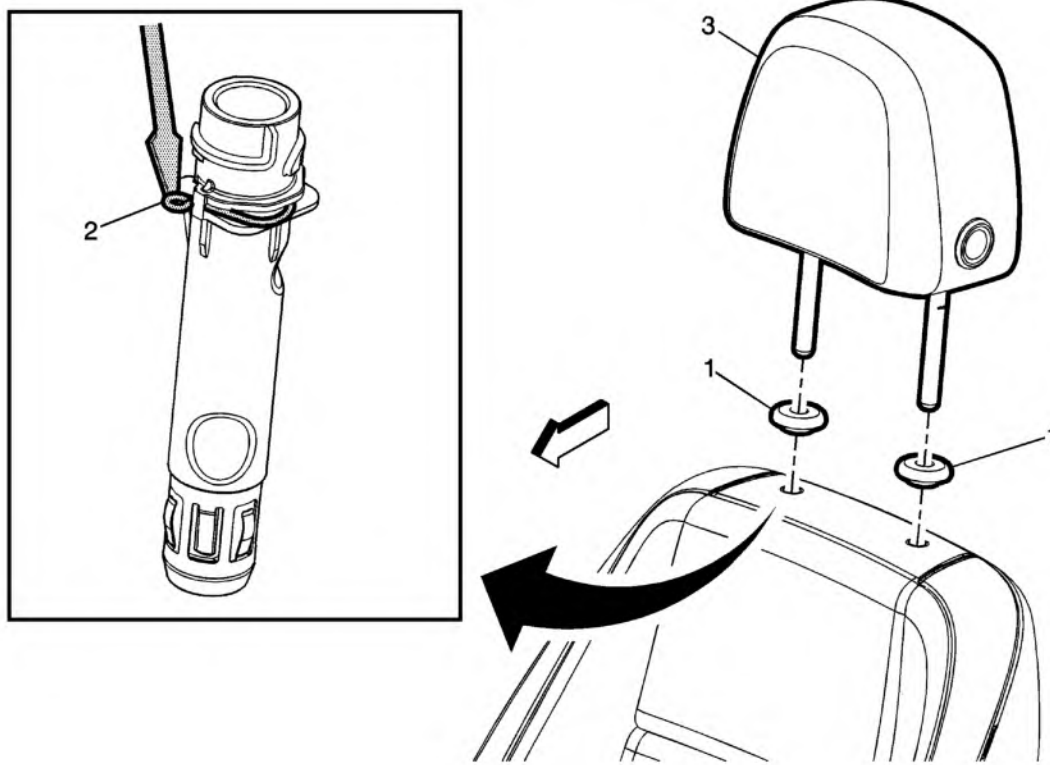


Fig. 12: Driver Or Passenger Seat Head Restraint (AHR).

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 adjuster rod.
2	Driver or Passenger Seat Head Restraint Clip (Qty: 2) Procedure Using a suitable pointed or flat bladed tool, push the metal clip rearward while pulling upward on the head restraint.
3	Driver or Passenger Seat Head Restraint

DRIVER OR PASSENGER SEAT HEAD RESTRAINT GUIDE REPLACEMENT (AJC)

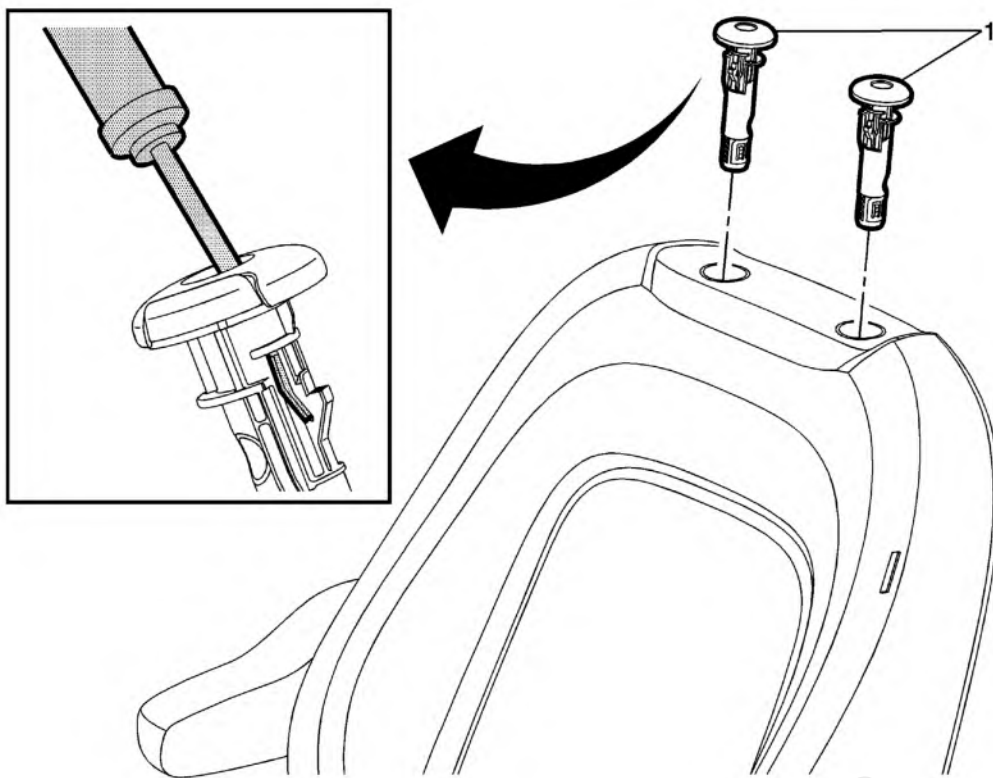


Fig. 13: Driver or Passenger Seat Head Restraint Guides (AJC)

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the seat head restraint. Refer to Driver or Passenger Seat Head Restraint Replacement (AJC) .	
1	Driver or Passenger Seat Head Restraint Guide (Qty: 2) Procedure Using a suitable flat-bladed tool, slide the tool on the inside of the guide until it finds the slot. Then push the tool forward pulling the guide tab inward, while pulling upward to remove the guide from the seat back frame.

DRIVER OR PASSENGER SEAT HEAD RESTRAINT GUIDE REPLACEMENT (AHR)

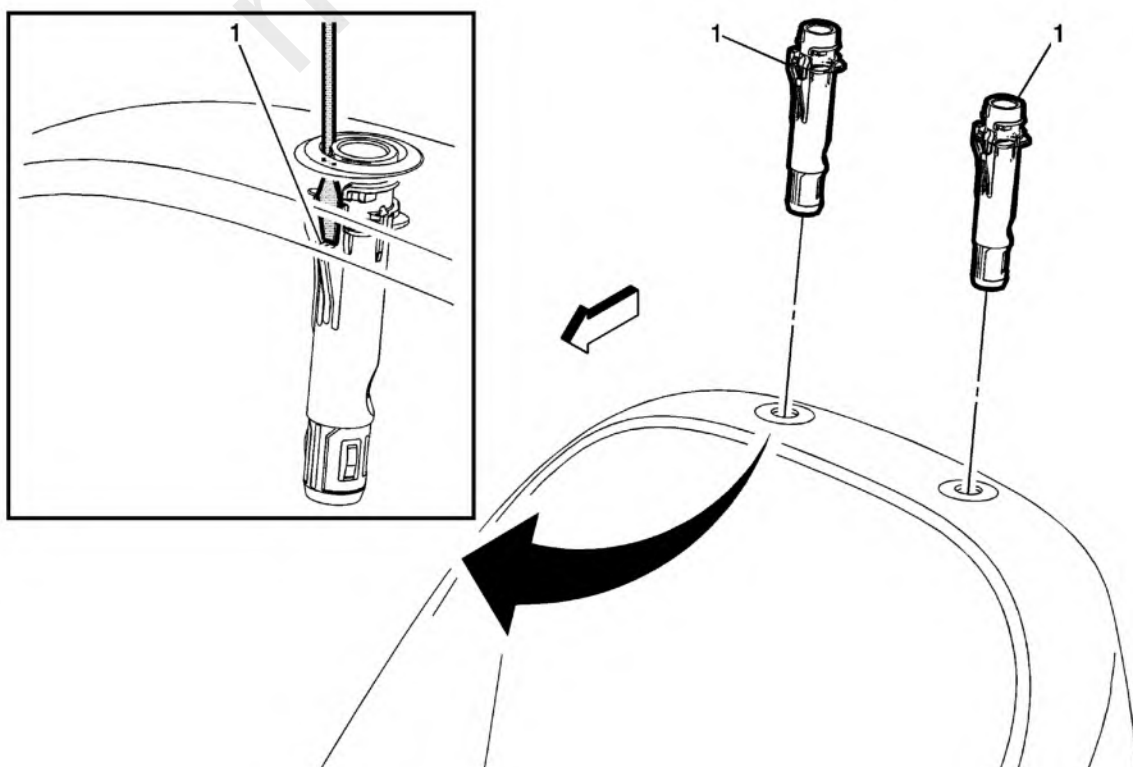


Fig. 14: Front Seat Head Restraint Adjust Rod Guide (AHR).
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the driver or passenger seat head restraint. Refer to Driver or Passenger Seat Head Restraint Replacement (AHR) .	
1	Front Seat Head Restraint Adjuster Rod Guide 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 upward to remove the guide from the seat back frame.

FRONT SEAT HEAD RESTRAINT ADJUST KNOB REPLACEMENT

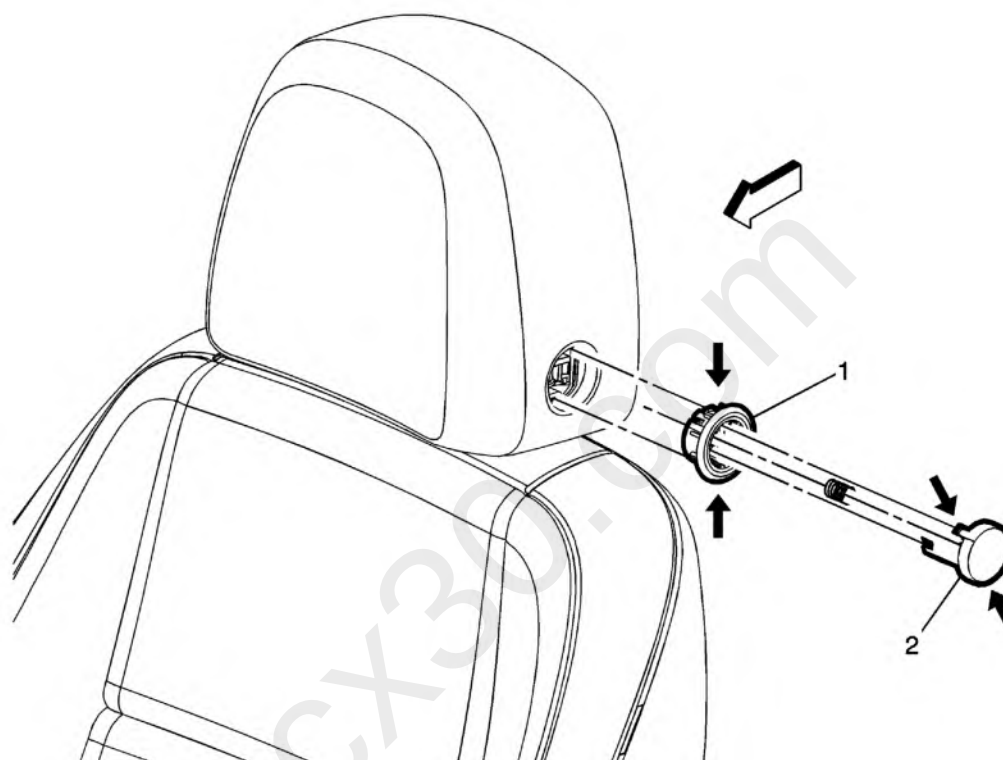


Fig. 15: Front Seat Head Restraint Adjust Knob
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Front Seat Head Restraint Adjuster Knob Bezel Procedure Use a flat-bladed tool to push inward on the adjuster bezel tabs to release the bezel from the front seat head restraint.
2	Front Seat Head Restraint Adjuster Knob Replacement Procedure 1. Use a flat-bladed tool to push inward on the adjuster knob tabs to release it from the bezel. 2. Position the spring between the adjuster bezel and knob for a proper install.

FRONT SEAT BELT ANCHOR PLATE TENSIONER COVER REPLACEMENT

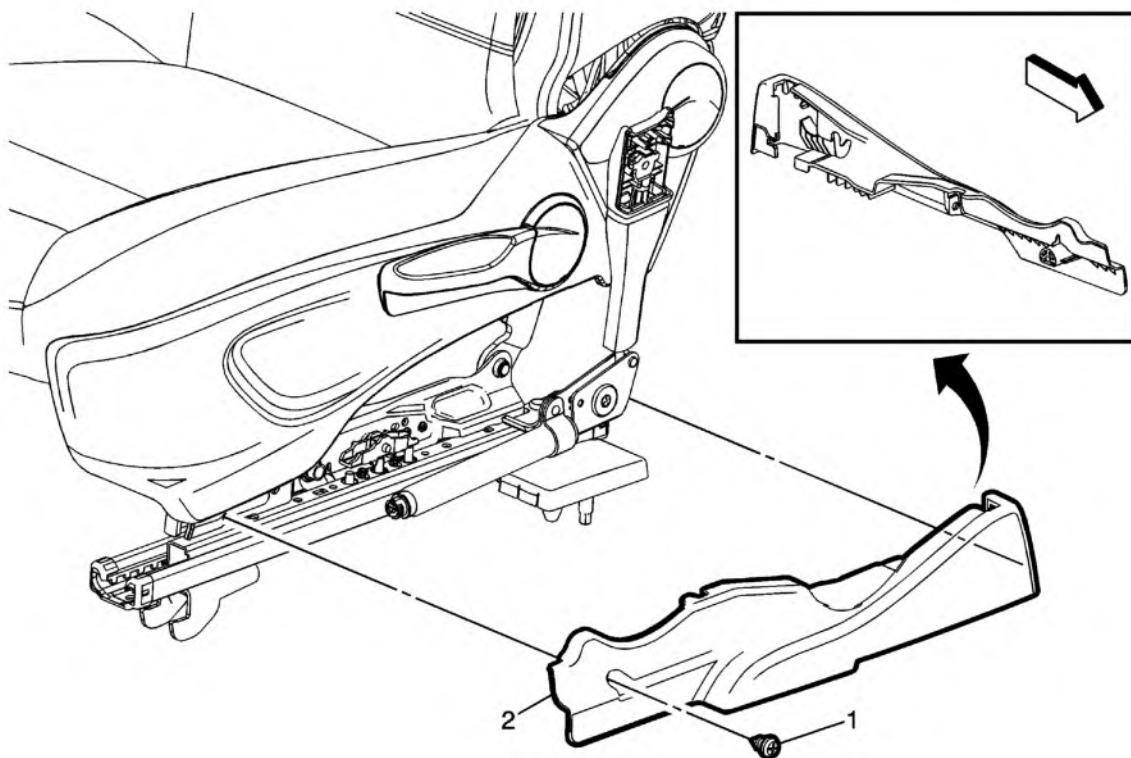


Fig. 16: Front Seat Belt Anchor Plate Tensioner Cover

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure If equipped with manual seat without vertical adjuster, the seat cushion outer finish panel must be removed. Refer to Driver or Passenger Seat Cushion Outer Finish Panel Replacement (Manual) .	
1	Front Seat Belt Anchor Plate Tensioner Cover Fastener CAUTION: Refer to Fastener Caution . Tighten 5 N.m (44 lb in)
2	Front Seat Belt Anchor Plate Tensioner Cover Procedure Remove the tensioner cover by applying light pressure to the front of the cover, push the cover rearward to remove it from the seat frame. NOTE: If equipped with power or manual seat vertical adjuster, position the seat for access to the anchor plate tension cover and fastener.

DRIVER OR PASSENGER SEAT INNER RECLINER FINISH COVER REPLACEMENT (DRIVER)

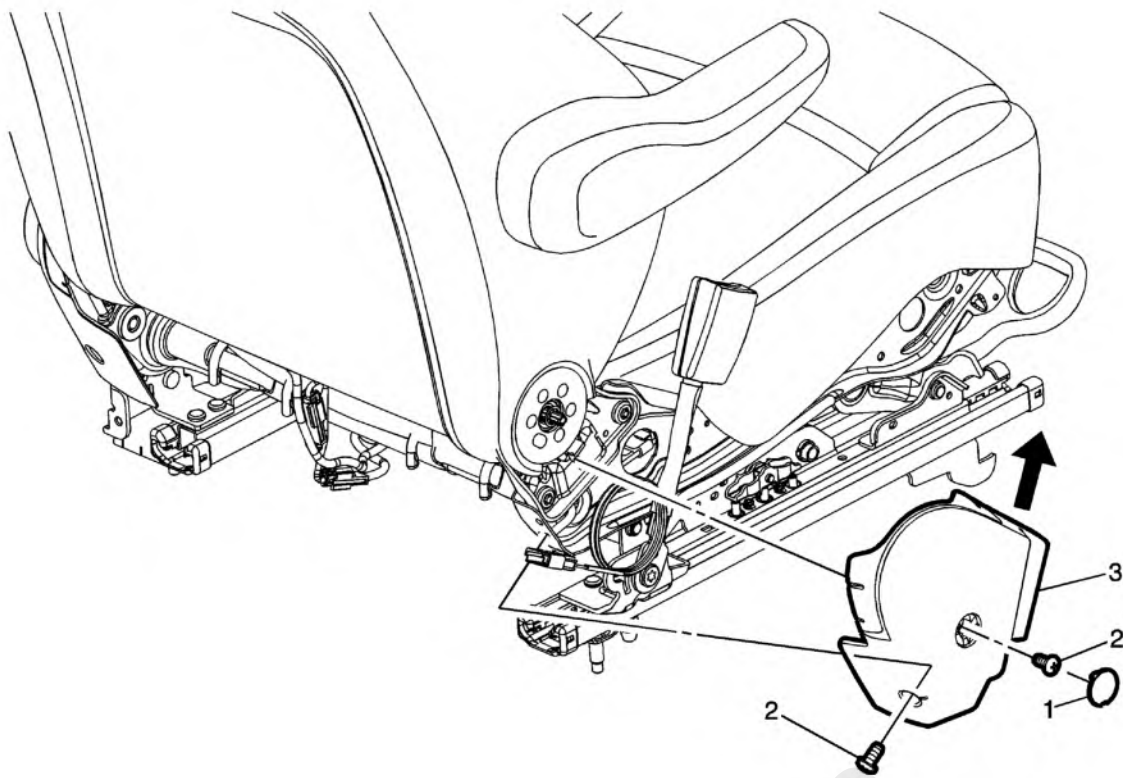


Fig. 17: Driver Seat Inner Recliner Finish Cover (Driver).
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Driver or Passenger Seat Inner Recliner Finish Cover Cap Procedure Use a flat-bladed tool to release the cap from the recliner cover.
2	Driver or Passenger Seat Inner Recliner Finish Cover Fastener (Qty: 2) CAUTION: Refer to Fastener Caution . Tighten 8 N.m (71 lb in)
3	Driver or Passenger Seat Inner Recliner Finish Cover Procedure Firmly grasp the upper area of the finish cover that folds over the seat cushion frame, pull upward and then outboard to disengage the finish cover from the seat cushion frame.

DRIVER OR PASSENGER SEAT INNER RECLINER FINISH COVER REPLACEMENT (PASSENGER)

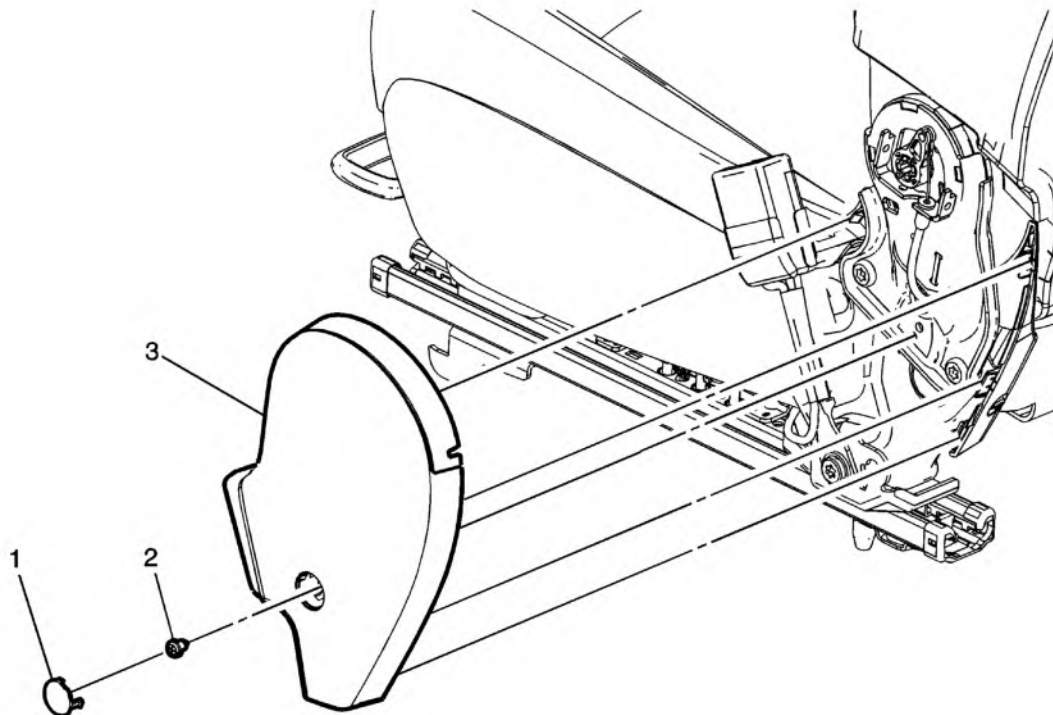


Fig. 18: Passenger Seat Inner Recliner Finish Cover (Passenger).

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Driver or Passenger Seat Inner Recliner Finish Cover Cap Procedure Use a flat-bladed tool to release the cap from the recliner cover.
2	Driver or Passenger Seat Inner Recliner Finish Cover Fastener CAUTION: Refer to <u>Fastener Caution</u> . Tighten 8 N.m (71 lb in)
3	Driver or Passenger Seat Inner Recliner Finish Cover

**DRIVER OR PASSENGER SEAT INNER RECLINER FINISH COVER REPLACEMENT
(PASSENGER OUTBOARD WITH AG5)**

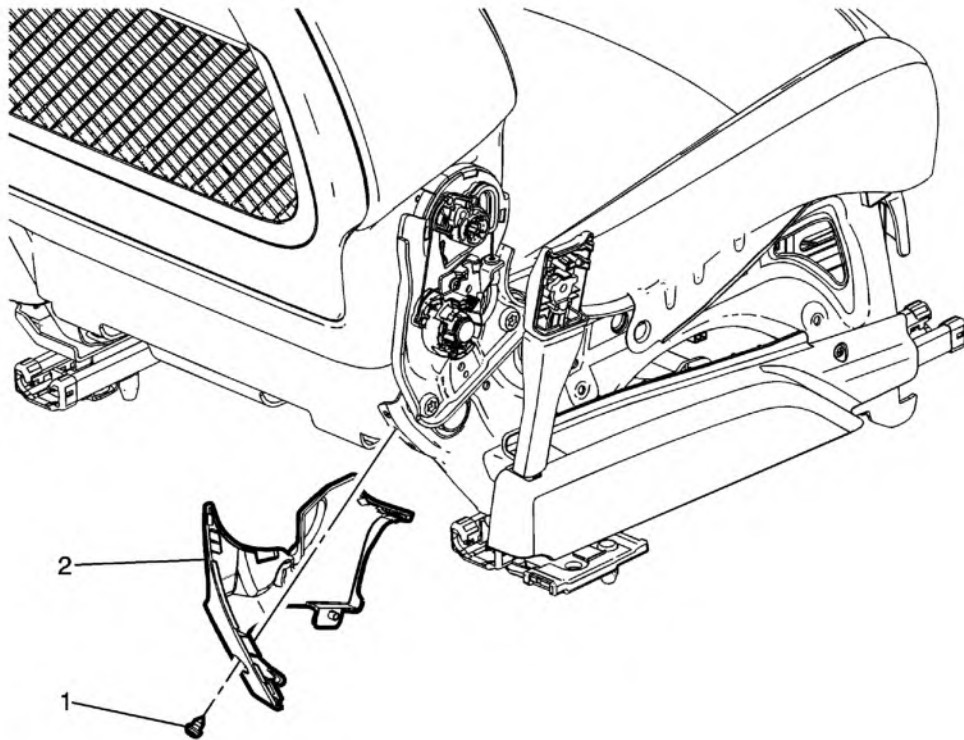


Fig. 19: Passenger Seat Inner Recliner Finish Cover (Outboard With AG5).
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Driver or Passenger Seat Inner Recliner Finish Cover Fastener CAUTION: Refer to Fastener Caution . Tighten 8 N.m (71 lb in)
2	Driver or Passenger Seat Inner Recliner Finish Cover Procedure Use a flat-bladed tool to pry inward on the retaining tabs connecting the recliner finish cover to the seat cushion outer finish panel.

**DRIVER OR PASSENGER SEAT INNER RECLINER FINISH COVER REPLACEMENT
 (PASSENGER INBOARD WITH AG5)**



Fig. 20: Passenger Seat Inner Recliner Finish Cover (Inboard With AG5).
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Driver or Passenger Seat Inner Recliner Finish Cover Fastener CAUTION: Refer to Fastener Caution . Tighten 8 N.m (71 lb in)
2	Driver or Passenger Seat Inner Recliner Finish Cover Procedure Use a flat-bladed tool to pry inward on the retaining tabs connecting the recliner finish cover to the seat cushion outer finish panel.

DRIVER OR PASSENGER SEAT CUSHION FRAME REPLACEMENT



Fig. 21: Driver Or Passenger Seat Cushion Frame
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. Remove the driver or passenger seat. Refer to Driver or Passenger Seat Removal and Installation 2. Remove the driver or passenger seat cushion outer finish panel. Refer to Driver or Passenger Seat Cushion Outer Finish Panel Replacement (Power)Driver or Passenger Seat Cushion Outer Finish Panel Replacement (Manual) 3. Remove the driver or passenger seat inner recliner finish cover. Refer to Driver or Passenger Seat Inner Recliner Finish Cover Replacement (Driver)Driver or Passenger Seat Inner Recliner Finish Cover Replacement (Passenger)Driver or Passenger Seat Inner Recliner Finish Cover Replacement (Passenger Outboard with AG5)Driver or Passenger Seat Inner Recliner Finish Cover Replacement (Passenger Inboard with AG5)	
1	Driver or Passenger Seat Cushion Frame Bolt (Qty: 4) CAUTION: Refer to Fastener Caution . Tighten 22 N.m (16 lb ft)
2	Driver or Passenger Seat Cushion Frame Procedure 1. Disconnect electrical connectors as needed. 2. If replacing with a new front seat cushion frame, transfer components as necessary.

FRONT SEAT CUSHION COVER AND PAD REPLACEMENT

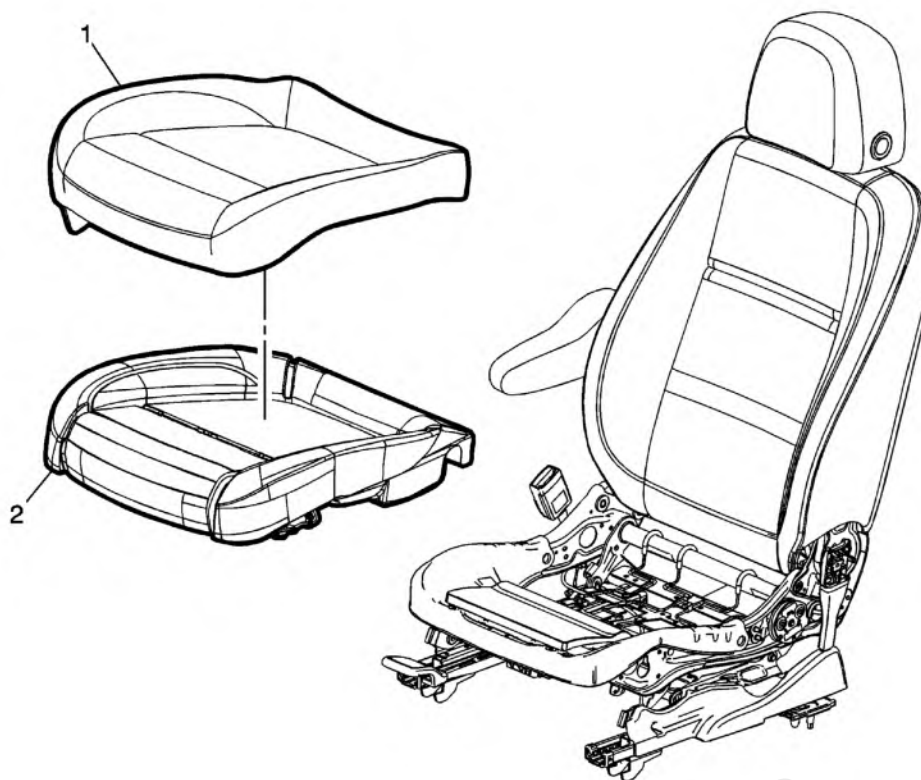


Fig. 22: Front Seat Cushion Cover And Pad
Courtesy of GENERAL MOTORS COMPANY

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 driver or passenger seat cushion outer finish panel. Refer to Driver or Passenger Seat Cushion Outer Finish Panel Replacement (Power)Driver or Passenger Seat Cushion Outer Finish Panel Replacement (Manual). 3. Remove the driver or passenger seat inner recliner finish cover. Refer to Driver or Passenger Seat Inner Recliner Finish Cover Replacement (Driver)Driver or Passenger Seat Inner Recliner Finish Cover Replacement (Passenger)Driver or Passenger Seat Inner Recliner Finish Cover Replacement (Passenger Outboard with AG5)Driver or Passenger Seat Inner Recliner Finish Cover Replacement (Passenger Inboard with AG5).	
1	Front Seat Cushion Cover Procedure 1. Disengage the J-channel and hog ring retainers from the seat cushion frame. 2. Disconnect the electrical connectors that attach to the seat cushion, if equipped. 3. Remove the seat cushion cover and pad from the seat cushion frame as an assembly. 4. Separate the seat cushion from the seat cushion pad by pulling the cover away from the pad.

Callout	Component Name
2	Front Seat Cushion Pad NOTE: The seat belt presence sensor and heat mat, if equipped are integral parts of the seat cushion pad.

DRIVER OR PASSENGER SEAT BACK COVER AND PAD REPLACEMENT

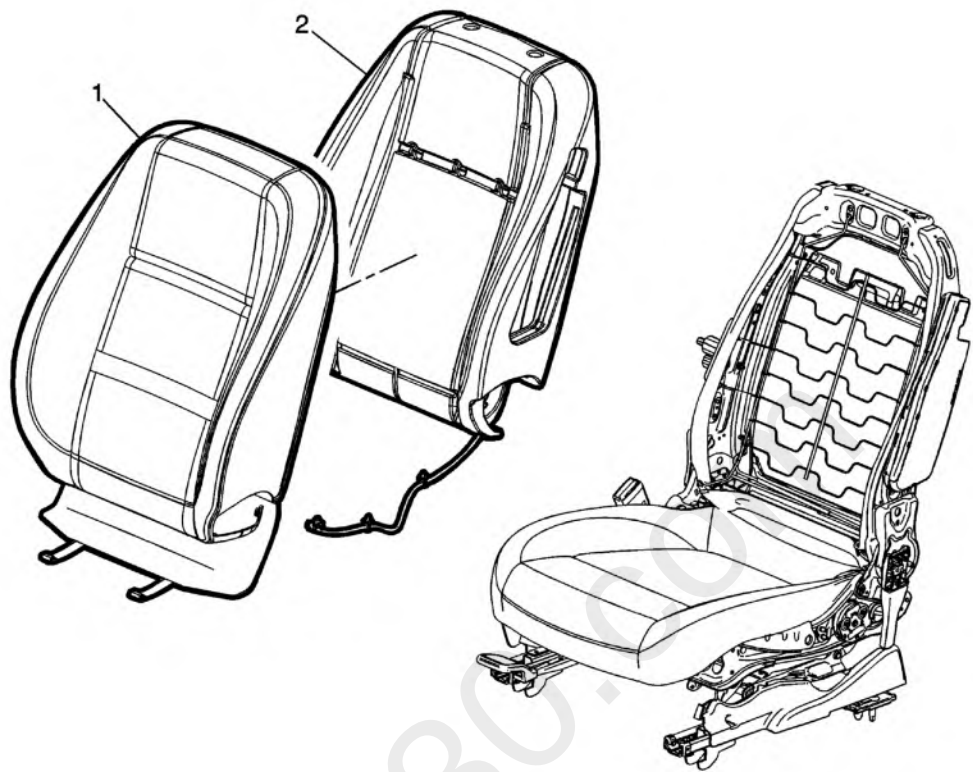


Fig. 23: Driver Or Passenger Seat Back Cover And Pad
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name

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. Remove the driver or passenger seat. Refer to Driver or Passenger Seat Removal and Installation. 2. Remove the driver or passenger seat cushion outer finish panel. Refer to Driver or Passenger Seat Cushion Outer Finish Panel Replacement (Power)Driver or Passenger Seat Cushion Outer Finish Panel Replacement (Manual). 3. Remove the driver or passenger seat inner recliner finish cover. Refer to Driver or Passenger Seat Inner Recliner Finish Cover Replacement (Driver)Driver or Passenger Seat Inner Recliner Finish Cover Replacement (Passenger)Driver or Passenger Seat Inner Recliner Finish Cover Replacement (Passenger Outboard with AG5)Driver or Passenger Seat Inner Recliner Finish Cover Replacement (Passenger Inboard with AG5). 4. Remove the front seat armrest. Refer to Front Seat Armrest Replacement (D05). 5. Remove the driver or passenger seat head restraint guide. Refer to Driver or Passenger Seat Head Restraint Guide Replacement (AJC)Driver or Passenger Seat Head Restraint Guide Replacement (AHR). 6. Remove the front seat outboard seat back airbag. Refer to Front Seat Outboard Seat Back Airbag Replacement .	
1	Seat Back Cushion Cover Procedure 1. Disengage the j-channel retainers and tabs at the bottom of the seat back cover from the seat back cushion frame. 2. Disconnect the electrical connector that is attached to the seat back cushion, if equipped. 3. Remove the seat back cushion cover and pad from the seat cushion frame as an assembly.
2	Front Seat Back Cushion Pad Procedure 1. Pull the cushion cover assembly off of the pad. 2. If the heater is equipped, this is an integral part of the seat back cushion pad. NOTE: Seat back cover can be damaged upon reinstalling cover to seat back pad. When reinstalling the seat cushion cover to the seat pad, start in upper outboard corner and install outboard side of the cover. Then start at the upper inboard corner and install inboard side of cover.

DRIVER OR PASSENGER SEAT BACK CUSHION FRAME REPLACEMENT

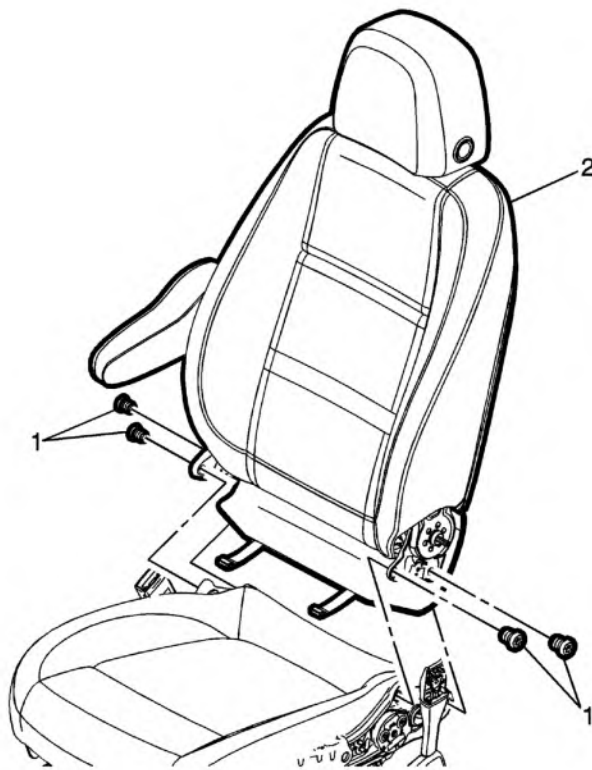


Fig. 24: Driver Or Passenger Seat Back Cushion Frame

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. Remove the driver or passenger seat. Refer to Driver or Passenger Seat Removal and Installation 2. Remove the driver or passenger seat cushion outer finish panel. Refer to Driver or Passenger Seat Cushion Outer Finish Panel Replacement (Power)Driver or Passenger Seat Cushion Outer Finish Panel Replacement (Manual) 3. Remove the driver or passenger seat inner recliner finish cover. Refer to Driver or Passenger Seat Inner Recliner Finish Cover Replacement (Driver)Driver or Passenger Seat Inner Recliner Finish Cover Replacement (Passenger)Driver or Passenger Seat Inner Recliner Finish Cover Replacement (Passenger Outboard with AG5)Driver or Passenger Seat Inner Recliner Finish Cover Replacement (Passenger Inboard with AG5)	
1	Driver or Passenger Seat Back Cushion Frame Bolt (Qty: 4) CAUTION: Refer to Fastener Caution . Tighten 22 N.m (16 lb ft)
2	Driver or Passenger Seat Back Cushion Frame Procedure 1. Disconnect electrical connectors as needed. 2. If replacing with a new front seat back cushion frame, transfer components as necessary.

FRONT SEAT BACK RECLINER HANDLE REPLACEMENT

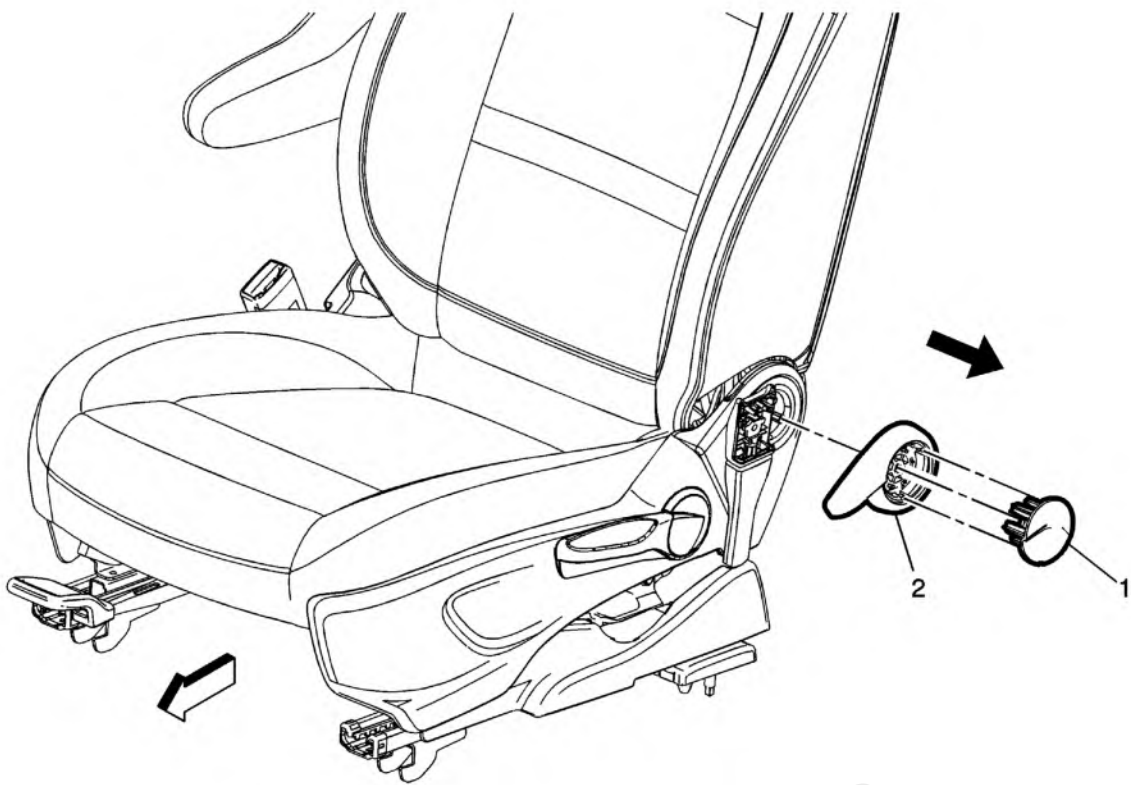


Fig. 25: Front Seat Back Recliner Handle
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Driver or Passenger Seat Recliner Handle Cover Cap Procedure Use a flat-bladed tool to release the handle cover from the handle assembly.
2	Driver or Passenger Seat Recliner Handle Procedure Use a flat-bladed tool to release the handle from the seat.

FRONT SEAT BACK CUSHION FINISH PANEL REPLACEMENT

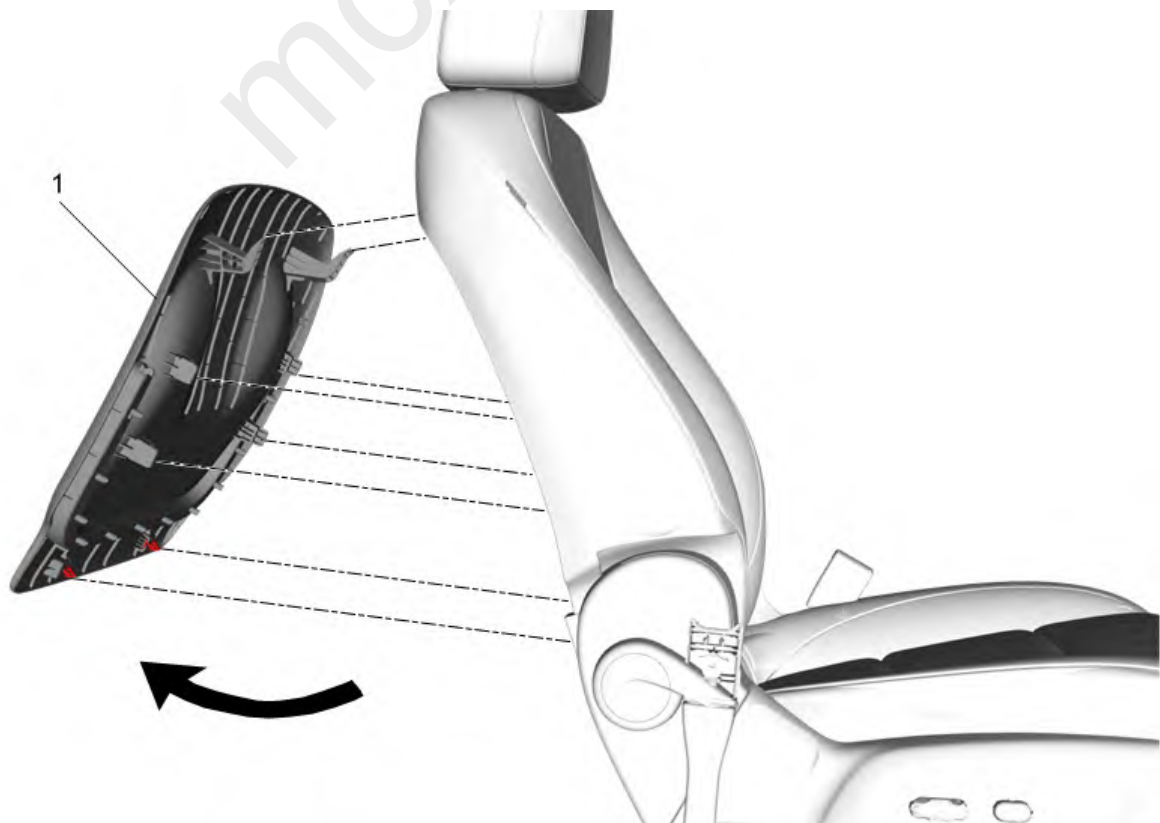


Fig. 26: Front Seat Back Cushion Finish Panel
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Front Seat Back Cushion Finish Panel Procedure 1. Pull outward on the bottom of the panel to disengage the lower retainers. 2. Move the finish panel and side clips to one side to disengage the panel from the seat frame.

CHILD SEAT BRACKET ACCESS HOLE COVER REPLACEMENT

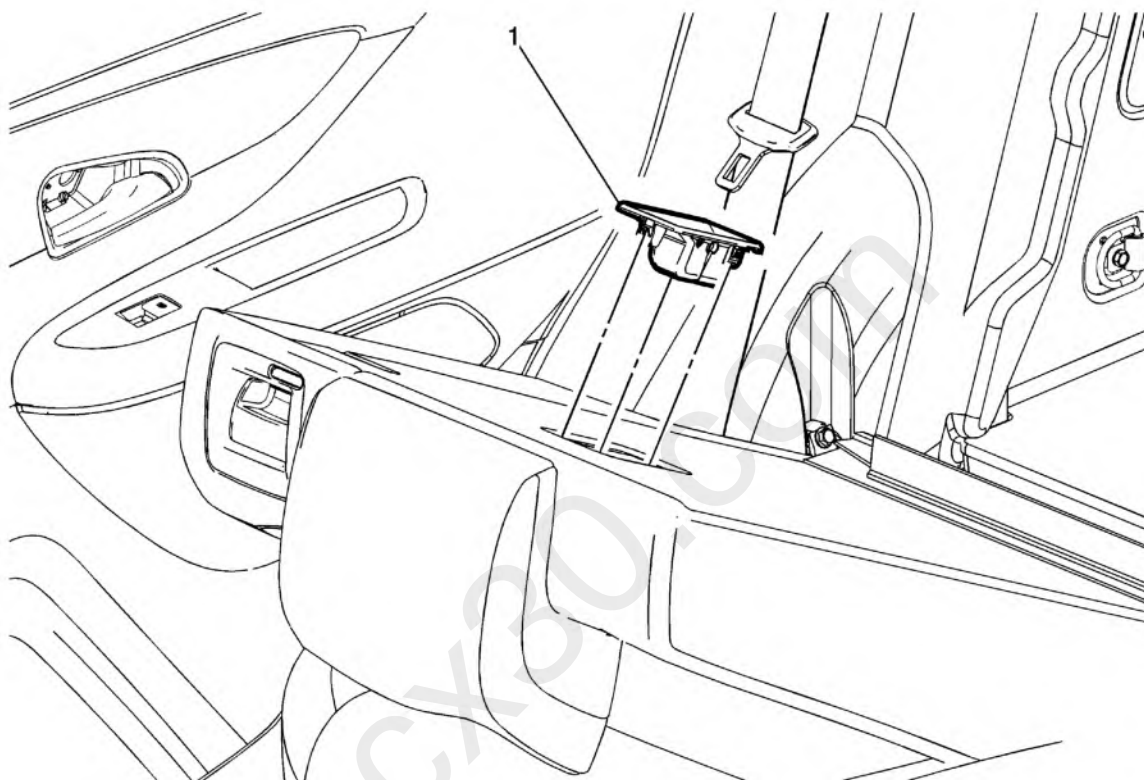


Fig. 27: Child Seat Bracket Access Hole Cover
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Child Seat Bracket Trim Cover Procedure Use a flat bladed tool to push the tabs inward to release the cover from the seat back.

REAR SEAT ARMREST REPLACEMENT

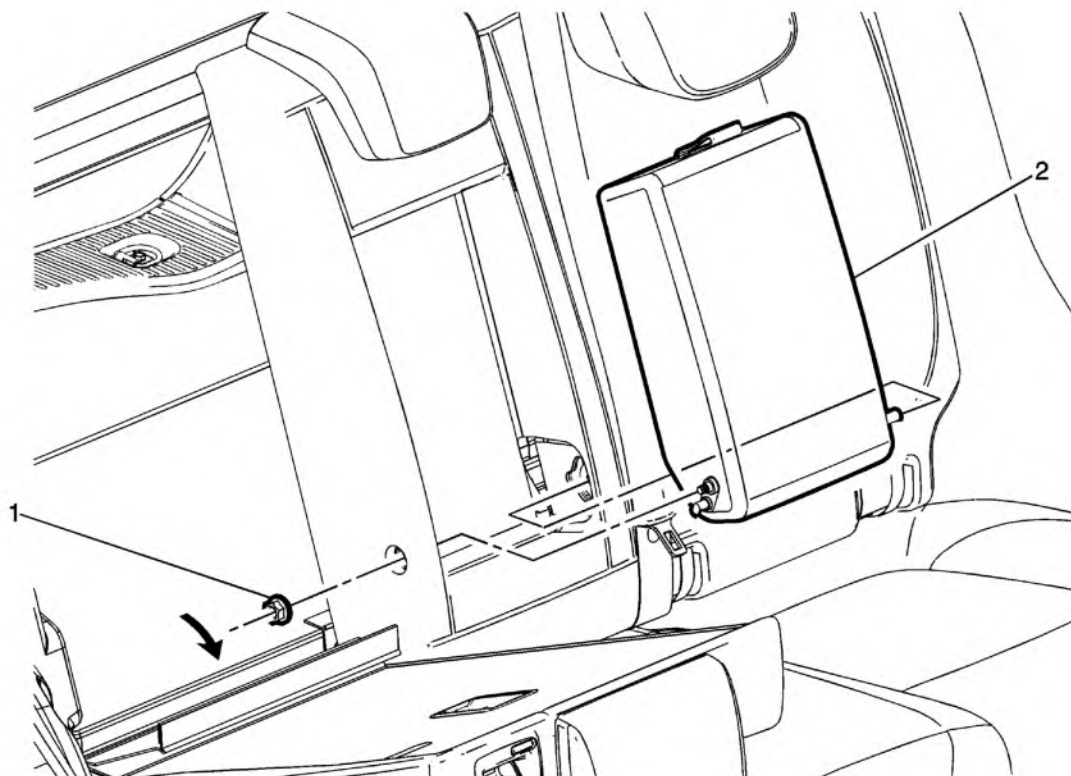


Fig. 28: Rear Seat Armrest

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 Armrest Nut CAUTION: Refer to Fastener Caution . Tighten 9 N.m (80 in lb)
2	Rear Seat Armrest Assembly

REAR SEAT HEAD RESTRAINT REPLACEMENT

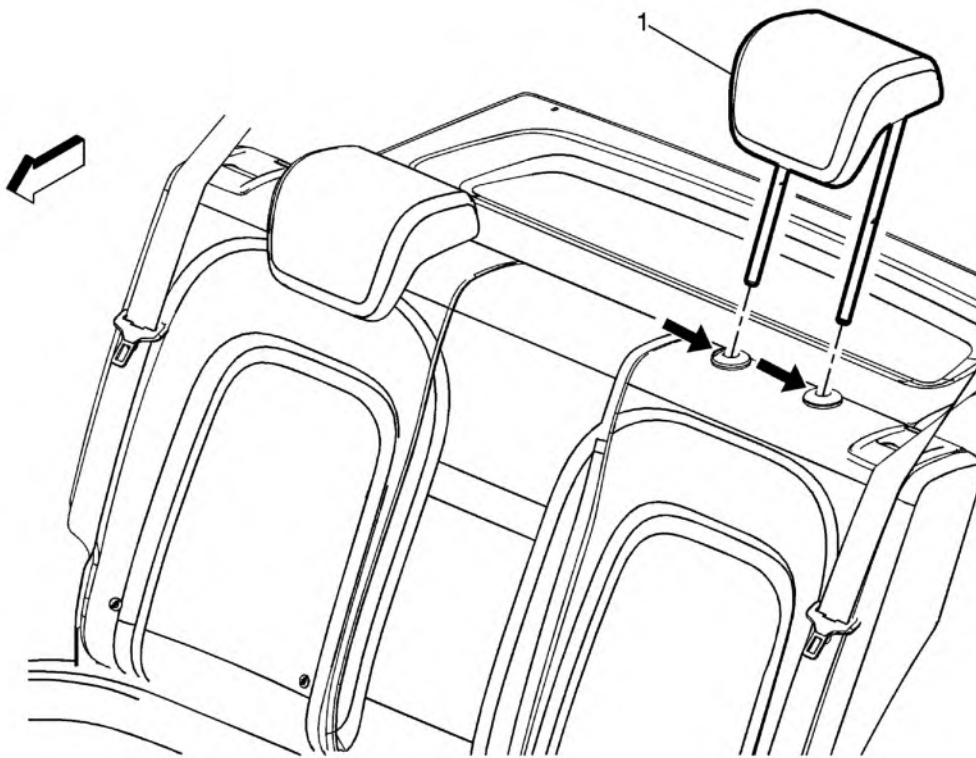


Fig. 29: Rear Seat Head Restraint
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
	Rear Seat Head Restraint
1	Procedures 1. Depress the large button on the head restraint guide and raise the head restraint to the full up position. 2. Depress the small button on the opposite head restraint guide and pull upward to remove from the seat.

REAR SEAT HEAD RESTRAINT GUIDE REPLACEMENT

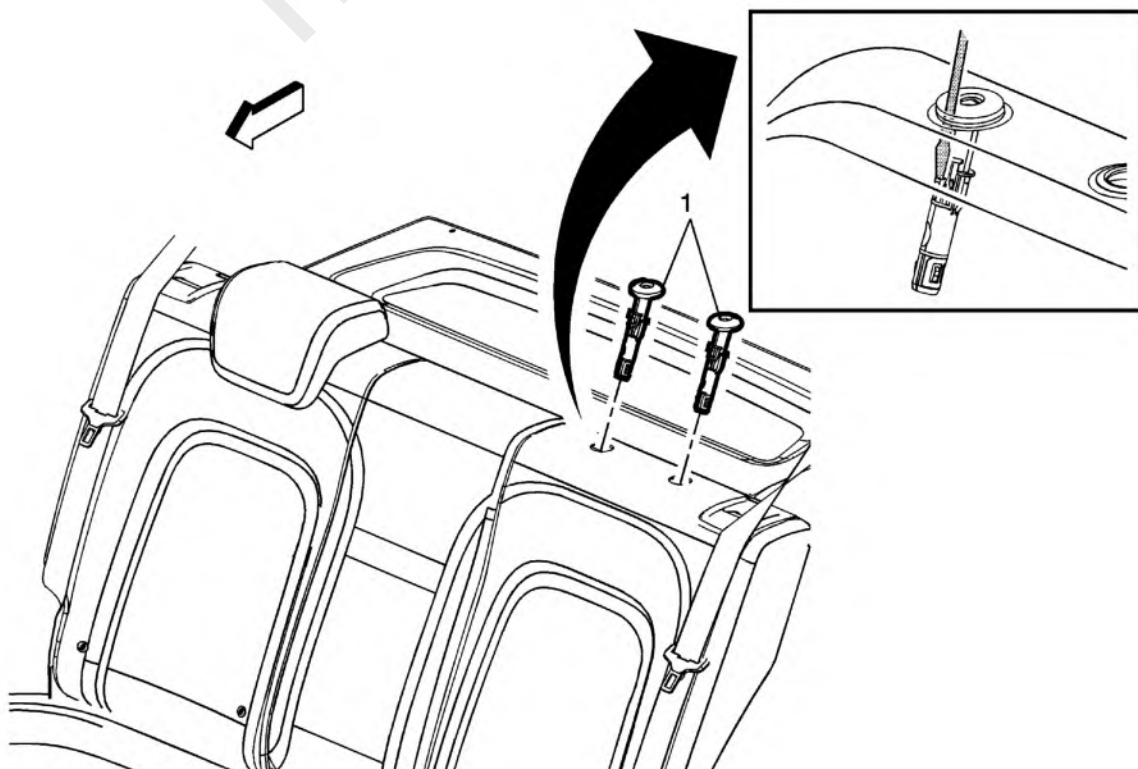


Fig. 30: Rear Seat Head Restraint Guide
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the rear seat head restraint. Refer to Rear Seat Head Restraint Replacement	
1	Rear Seat Head Restraint Guide Procedure Using a suitable flat-bladed tool, slide the tool between the cushion and the guide until you find the slot on the outboard side of the guide. Push inward on the guide slot tab, while pulling upward to remove the guide from the seat back frame.

REAR SEAT CUP HOLDER REPLACEMENT

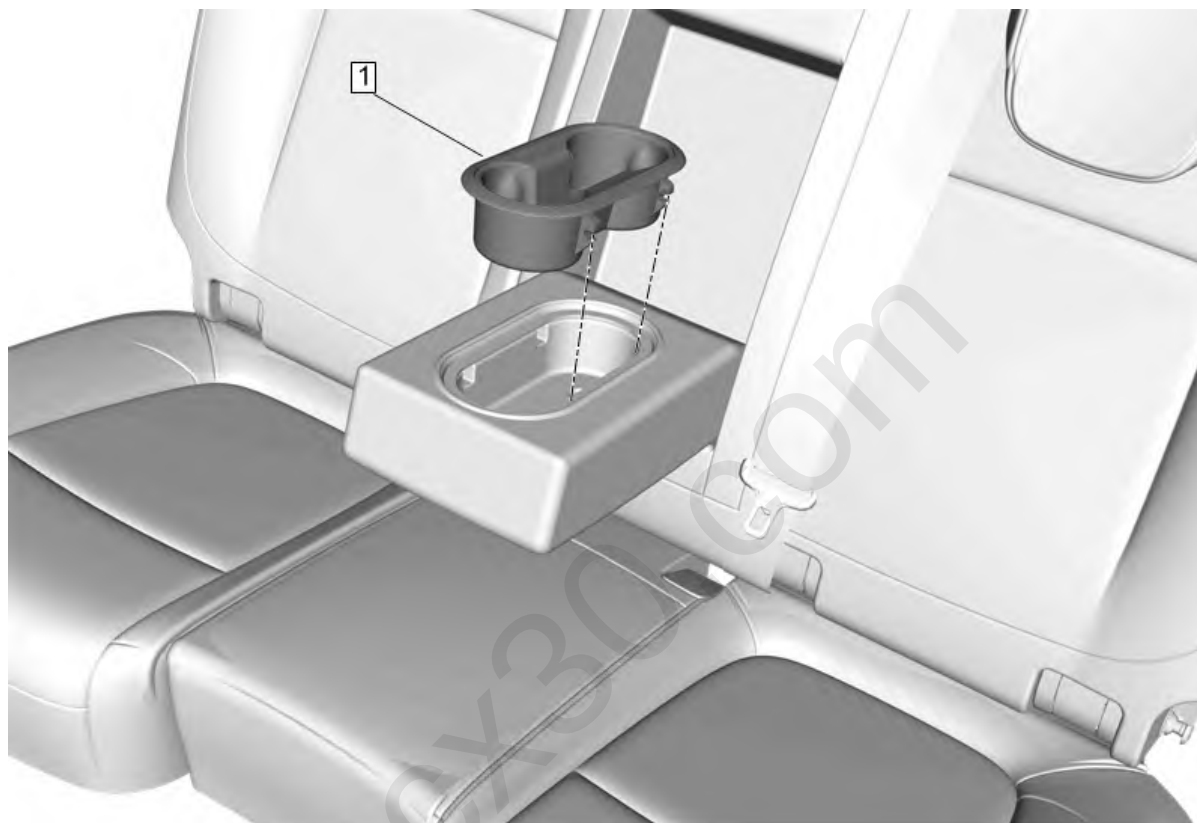


Fig. 31: Rear Seat Cup Holder
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Rear Seat Cup Holder

REAR SEAT BACK BOLSTER REPLACEMENT (AYF)

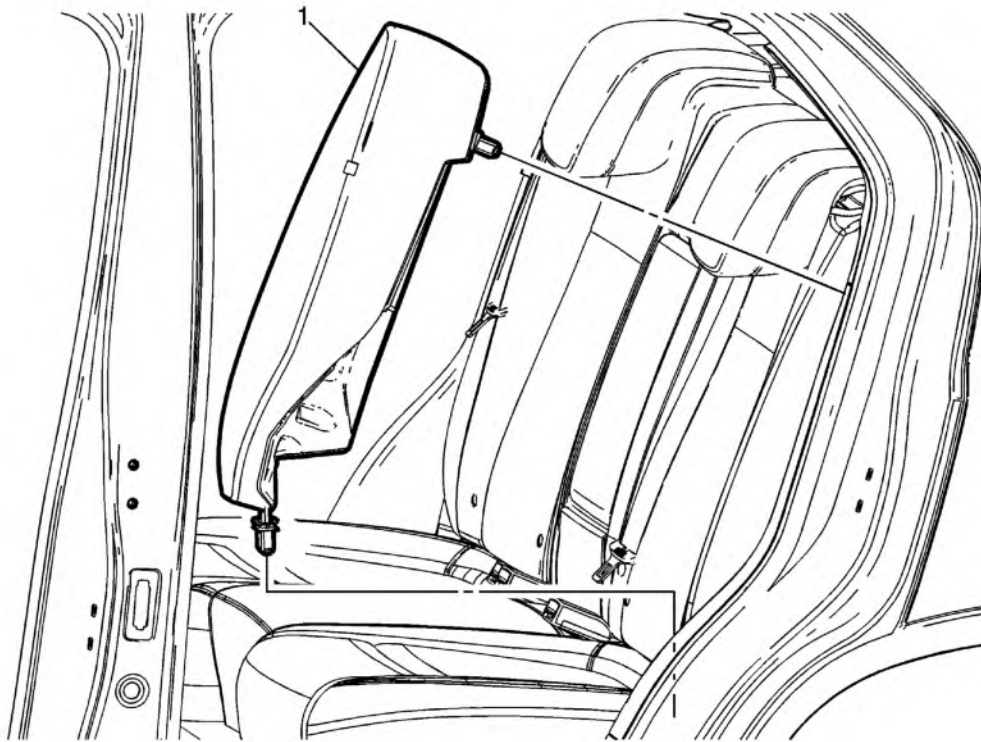


Fig. 32: Rear Seat Back Bolster (AYF)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Rear Seat Back Cushion Bolster WARNING: Refer to <u>SIR Warning</u> . Procedure 1. Disable the SIR system. Refer to <u>SIR Disabling and Enabling</u> 2. Fold rear seat back cushion down. 3. Pull the upper pad area of the seat back cushion bolster forward. NOTE: Pull the upper pad area of the seat back cushion bolster forward without pulling on the retainer. The force to remove the retainer is increased when the retainer has tension on it. 4. Use a suitable flat-bladed tool to release the retainer from the bolster's retaining bar. 5. Pull the seat back cushion bolster up to remove it from the rear seat. 6. Disconnect the electrical connector.

REAR SEAT BACK CUSHION PIVOT SUPPORT REPLACEMENT

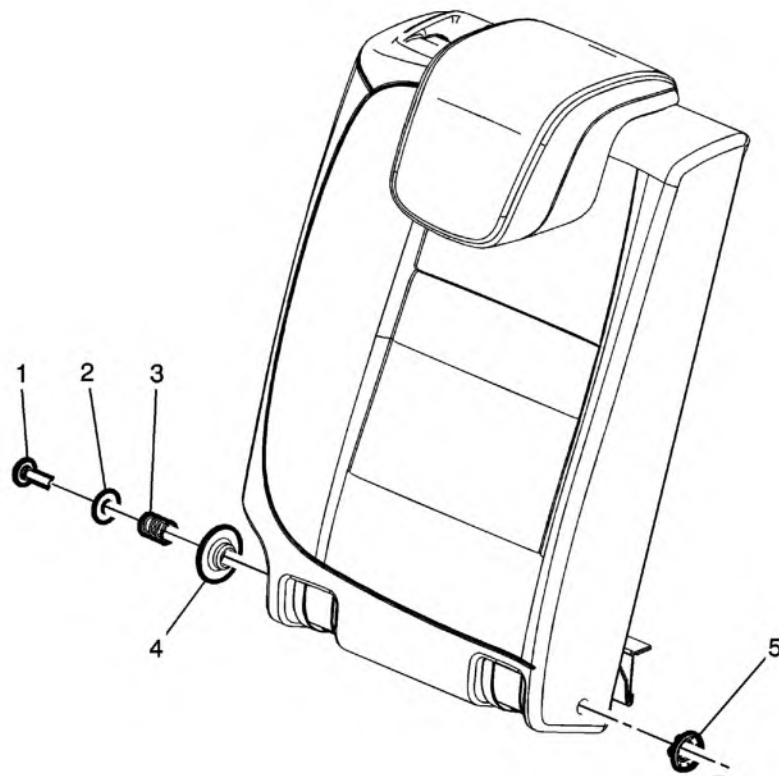


Fig. 33: Rear Seat Back Cushion Pivot Support
 Courtesy of GENERAL MOTORS COMPANY

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 Outer Pivot Bolt CAUTION: Refer to Fastener Caution . Tighten 23 N.m (17 lb ft)
2	Rear Seat Back Cushion Outer Pivot Bushing
3	Rear Seat Back Cushion Outer Pivot Bolt Spring
4	Rear Seat Back Cushion Pivot Support Housing
5	Rear Seat Back Center Finish Cover

REAR SEAT CUSHION BRACKET REPLACEMENT

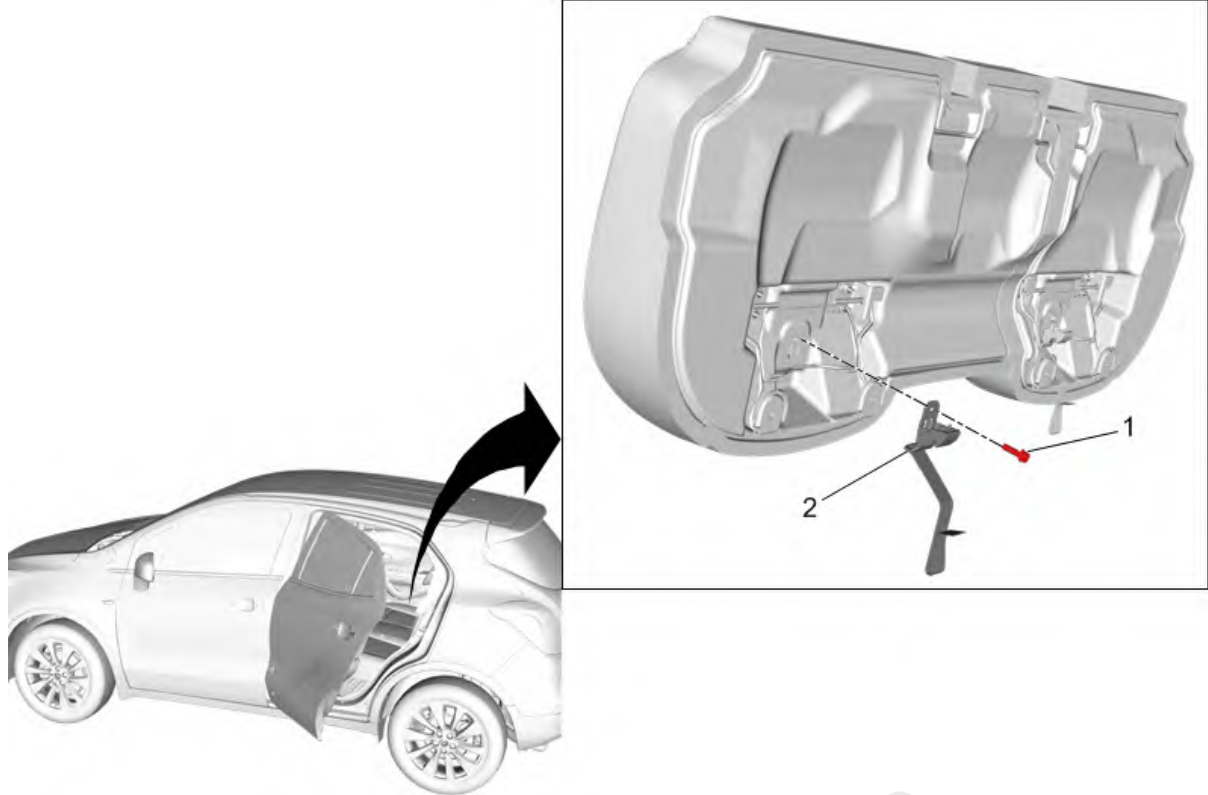


Fig. 34: Rear Seat Cushion Bracket
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Pull the lower release strap and raise the rear cushion.	
1	Rear Seat Cushion Bracket Bolt CAUTION: Refer to Fastener Caution . Tighten 22 N.m (16 lb ft)
2	Rear Seat Cushion Bracket

REAR SEAT CUSHION COVER AND PAD REPLACEMENT (60%)

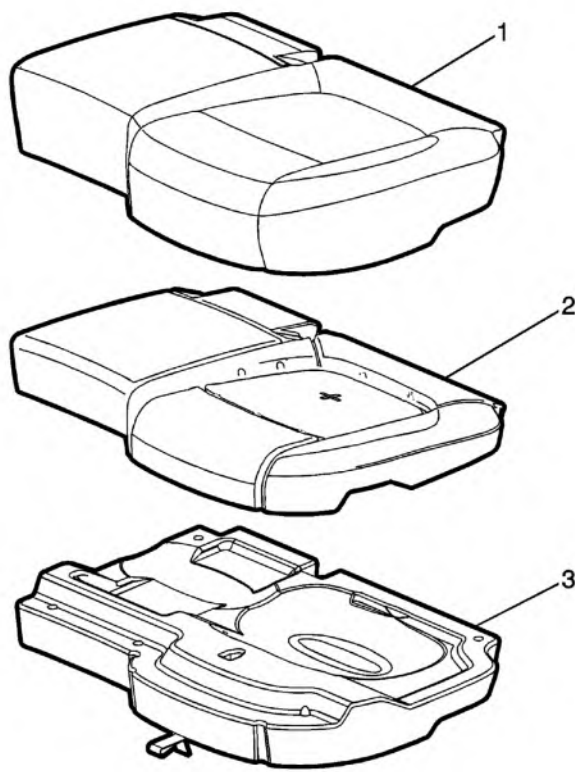


Fig. 35: Rear Seat Cushion Cover And Pad (60%)

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 secure the rear seat cushion cover to the pad. 2. Pull the cover away from the pad to disengage any retainers. NOTE: 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
3	Rear Seat Cushion Frame

REAR SEAT CUSHION COVER AND PAD REPLACEMENT (40%)

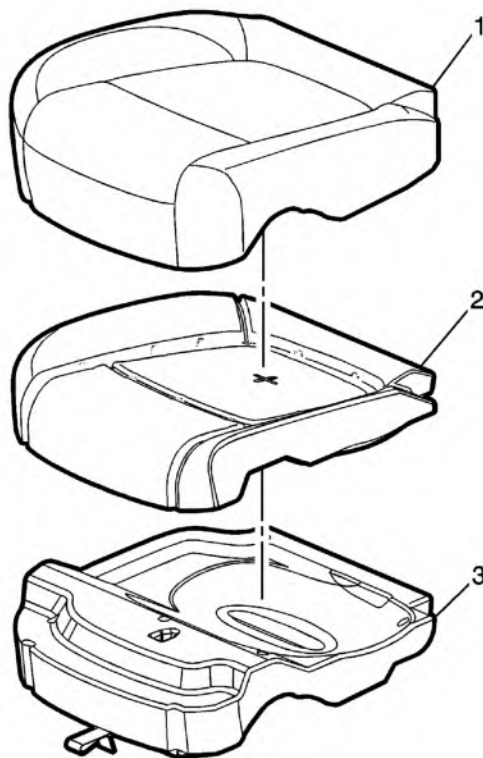


Fig. 36: Rear Seat Cushion Cover And Pad (40%).

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 secure the rear seat cushion cover to the pad. 2. Pull the cover away from the pad to disengage any retainers. NOTE: 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
3	Rear Seat Cushion Frame

REAR SEAT CUSHION REMOVAL AND INSTALLATION

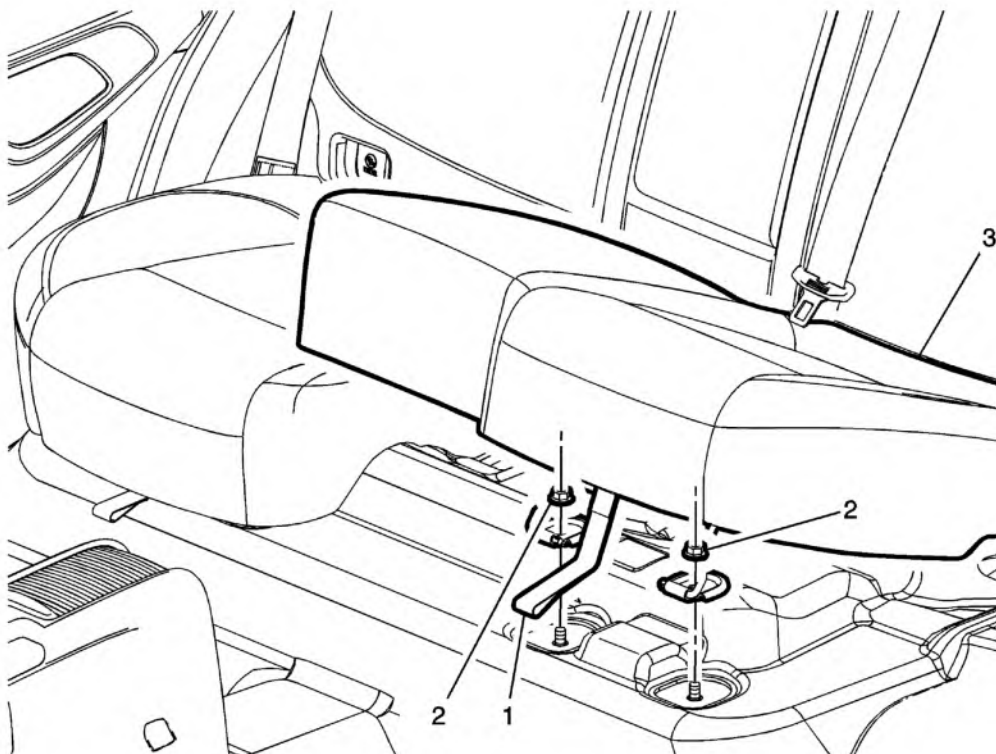


Fig. 37: Rear Seat Cushion

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Rear Seat Cushion Strap Procedure Pull on the lower release strap to raise the front of the rear cushion and fold the cushion forward to gain access to the nuts.
2	Rear Seat Cushion Nuts (Qty: 2) CAUTION: Refer to Fastener Caution . Tighten 43 N.m (32 lb ft)
3	Rear Seat Cushion Procedure Lift up on the front of the seat cushion at the stud locations to disengage the cushion frame from the floor.

REAR SEAT LATCH REPLACEMENT

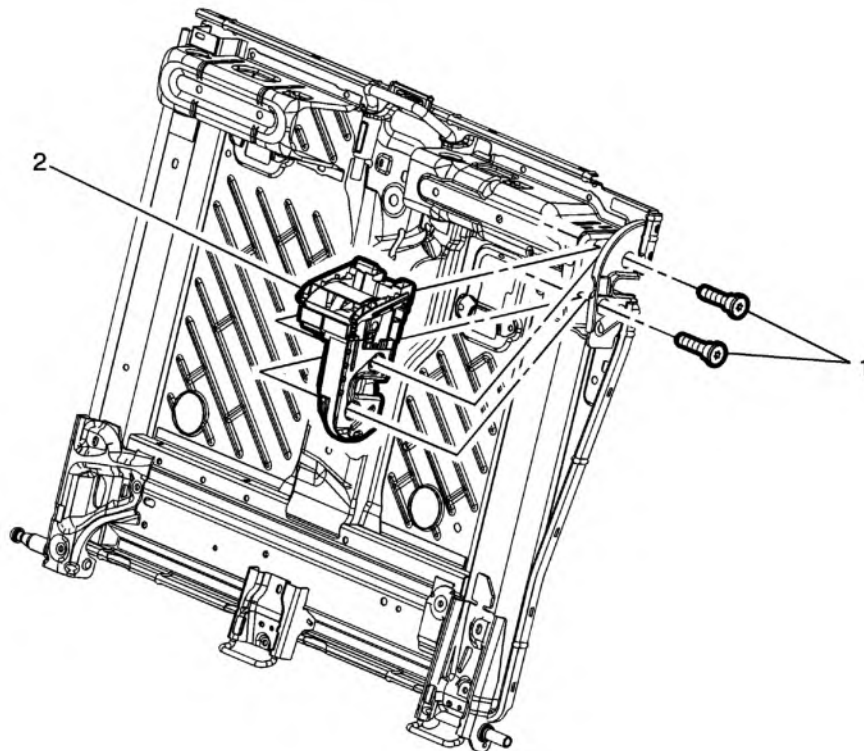


Fig. 38: Rear Seat Latch

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. Remove the rear seat back cushion. Refer to Rear Seat Back Cushion Removal and Installation (40%)Rear Seat Back Cushion Removal and Installation (60%). 2. 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%)

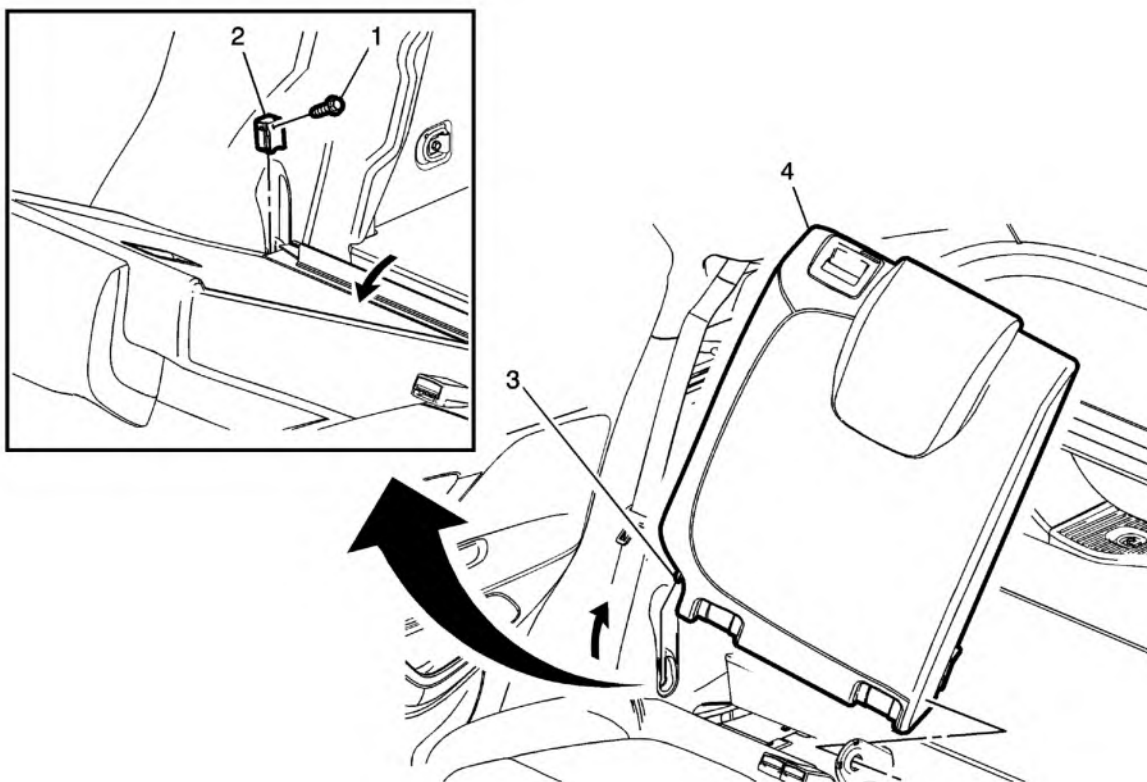


Fig. 39: Rear Seat Back Cushion (40%).
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the rear seat back bolster. Refer to Rear Seat Back Bolster Replacement (AYF) .	
1	Rear Seat Back Cushion Hinge Stop Fastener CAUTION: Refer to Fastener Caution . Procedure Pull the rear seat back cushion latch release handle located on the top of the rear seat back cushion, and fold the rear seat back cushion forward to gain access to the screw. Tighten 3 N.m (26 in lb)
2	Rear Seat Back Cushion Hinge Stop Procedure Remove the hinge stop.
3	Rear Seat Back Cushion Pivot Support Procedure 1. Remove the rear outboard shoulder belt from the shoulder belt bezel, release the buckle from the elastic retaining strap and position it out of the way. 2. Push in on the rear seat back cushion pivot support, and release from bracket.
4	Rear Seat Back Cushion Procedure 1. Pull up on the outer side of the rear seat back cushion and remove the rear seat back cushion from the bracket and hinge. 2. Transfer components as necessary.

REAR SEAT BACK CUSHION REMOVAL AND INSTALLATION (60%)

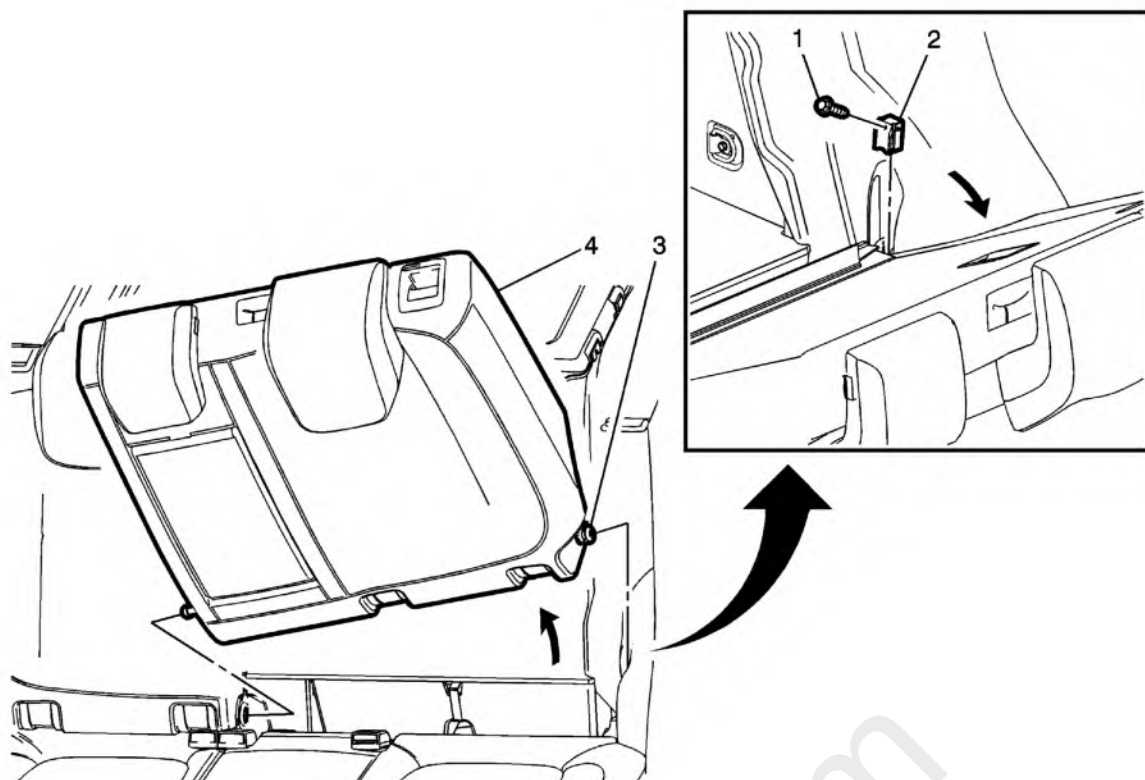


Fig. 40: Rear Seat Back Cushion (60%).

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 bolster. Refer to Rear Seat Back Bolster Replacement (AYF). 3. Remove the rear seat center shoulder belt retractor nut from the floor. Refer to Rear Center Seat Belt Retractor Replacement.	
1	Rear Seat Back Cushion Hinge Stop Fastener CAUTION: Refer to Fastener Caution. Procedure Pull the rear seat back cushion latch release handle located on the top of the rear seat back cushion, and fold the rear seat back cushion forward to gain access to the screw. Tighten 3 N.m (26 in lb)
2	Rear Seat Back Cushion Hinge Stop Procedure Remove the hinge stop.
3	Rear Seat Back Cushion Pivot Support Procedure 1. Remove the rear outboard shoulder belt from the shoulder belt bezel, release the buckles from the elastic retaining straps and position it out of the way. 2. Push in on the rear seat back cushion pivot support, and release from bracket.

Callout	Component Name
4	Rear Seat Back Cushion Procedure 1. Pull up on the outer side of the rear seat back cushion and remove the rear seat back cushion from the bracket and hinge. 2. Transfer components as necessary.

REAR SEAT BELT OPENING BEZEL REPLACEMENT

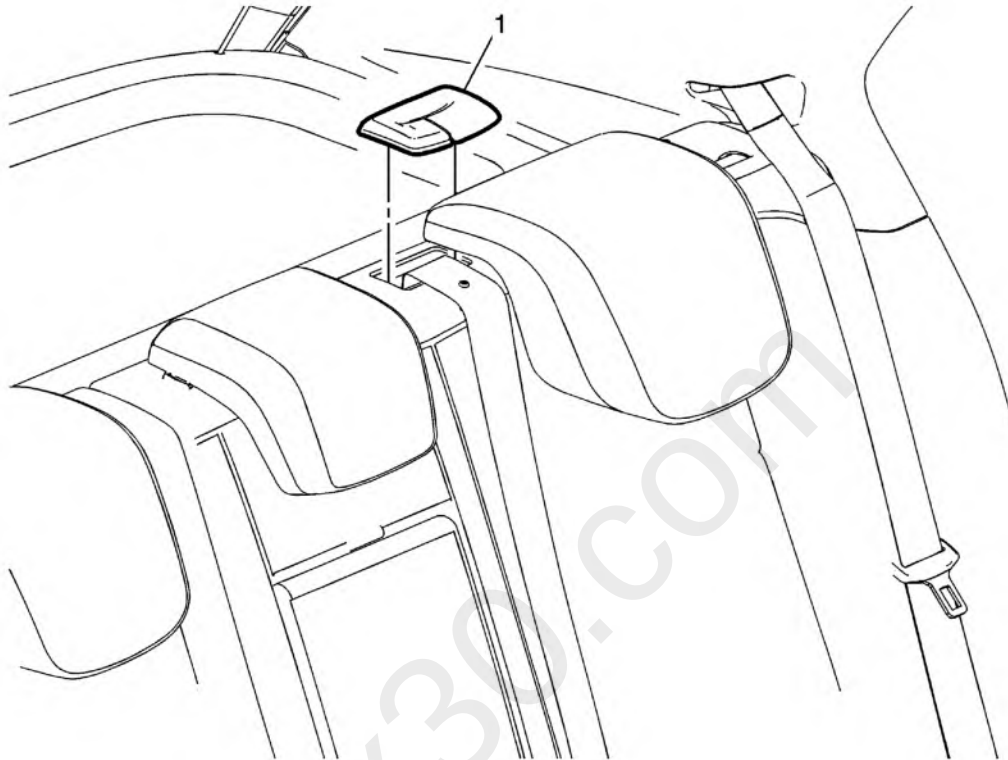


Fig. 41: Rear Seat Belt Opening Bezel

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Rear Seat Shoulder Belt Opening Bezel Procedure Push inward and upward from the rear of the bezel to release from the seat back. NOTE: The rear seat shoulder belt opening bezel is part of the rear seat center belt assembly and is replaced as an assembly.

REAR SEAT BACK CUSHION PANEL REPLACEMENT

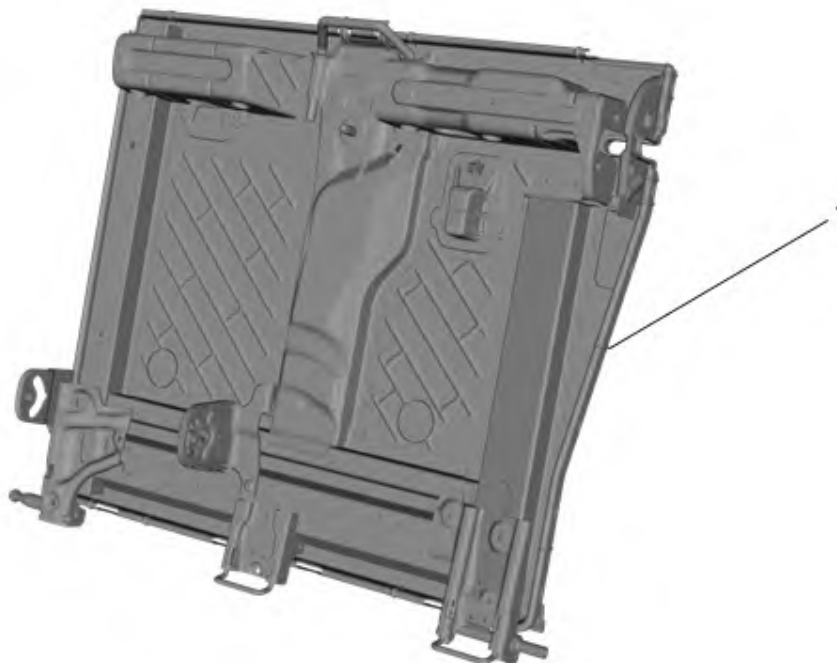


Fig. 42: Rear Seat Back Cushion Panel
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. Remove Rear Seat Latch. Refer to Rear Seat Latch Replacement 2. Remove Rear Seat Back Cushion Carpet. Refer to Rear Seat Back Cushion Carpet Replacement (40%)Rear Seat Back Cushion Carpet Replacement (60%) 3. Remove Rear Center Seat Belt Retractor. Refer to Rear Center Seat Belt Retractor Replacement .	
1	Rear Seat Back Cushion Panel Procedure Transfer components as necessary.

REAR SEAT BACK CUSHION CARPET REPLACEMENT (40%)

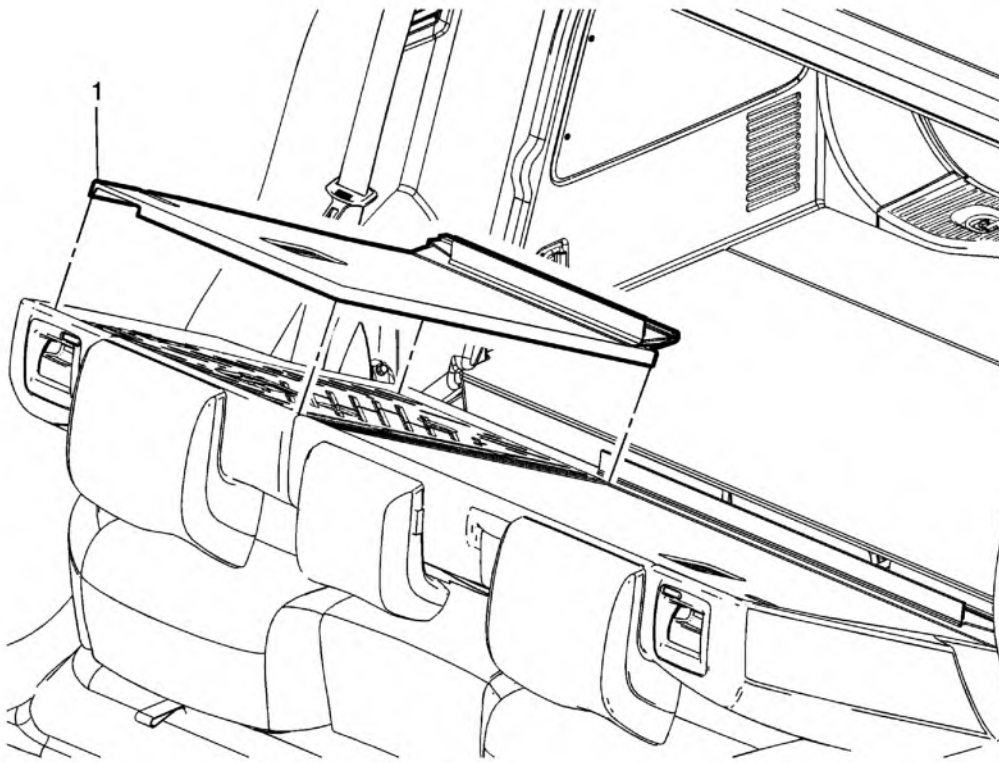


Fig. 43: Rear Seat Back Cushion Carpet (40%).
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the child seat bracket access hole cover. Refer to Child Seat Bracket Access Hole Cover 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 CARPET REPLACEMENT (60%)

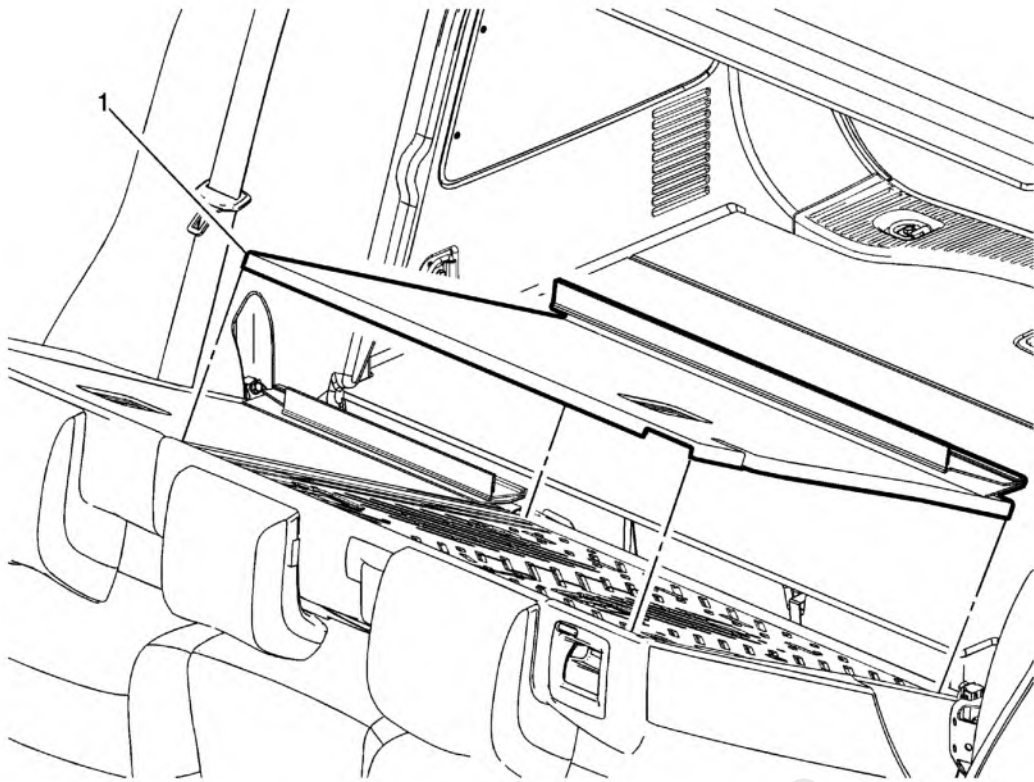


Fig. 44: Rear Seat Back Cushion Carpet (60%).
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the child seat bracket access hole cover. Refer to Child Seat Bracket Access Hole Cover 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%)

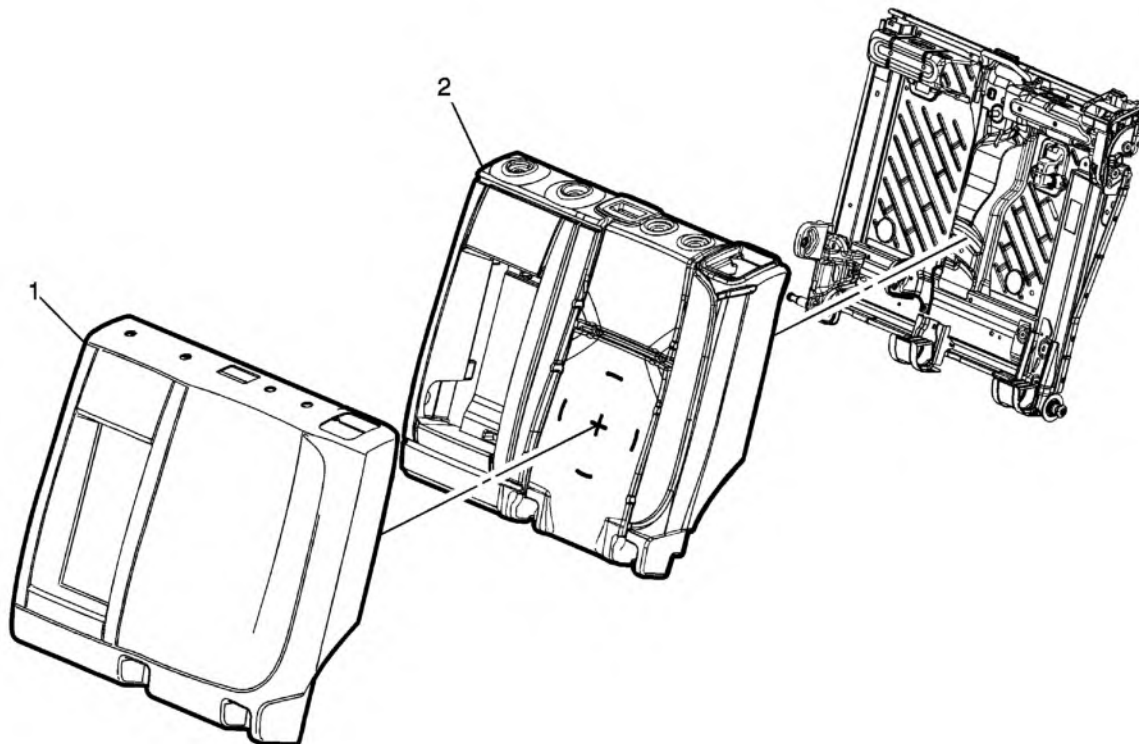


Fig. 45: Rear Seat Back Cushion Cover And Pad (60%)

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure 1. Remove the rear seat back cushion. Refer to Rear Seat Back Cushion Removal and Installation (60%). 2. Remove the rear seat head restraint guide. Refer to Rear Seat Head Restraint Guide Replacement. 3. Remove the rear seat back cushion latch release knob bezel. Refer to Rear Seat Back Latch Release Handle Bezel Replacement. 4. Remove the child seat back bracket access hole cover. Refer to Child Seat Bracket Access Hole Cover Replacement. 5. Remove the rear seat back cushion pivot support. Refer to Rear Seat Back Cushion Pivot Support Replacement. 6. Remove the rear seat belt opening bezel, if equipped. Refer to Rear Seat Belt Opening Bezel Replacement. 7. Remove the rear seat armrest. Refer to Rear Seat Armrest Replacement.	
1	Rear Seat Back Cushion Cover Procedure 1. Remove the rear seat center head restraint, if equipped. 2. Disengage the J-channel retainers from the seat back cushion frame. 3. Remove the hog rings from the under side of the rear seat back cushion cover. 4. Pull the cover away from the pad to disengage the hook and loop retainers. 5. If replacing the seat back panel, transfer components as necessary. NOTE: When installing the rear seat back cushion cover, pull the cover tightly in all corners to ensure that no creasing occurs.
2	Rear Seat Back Cushion Pad

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

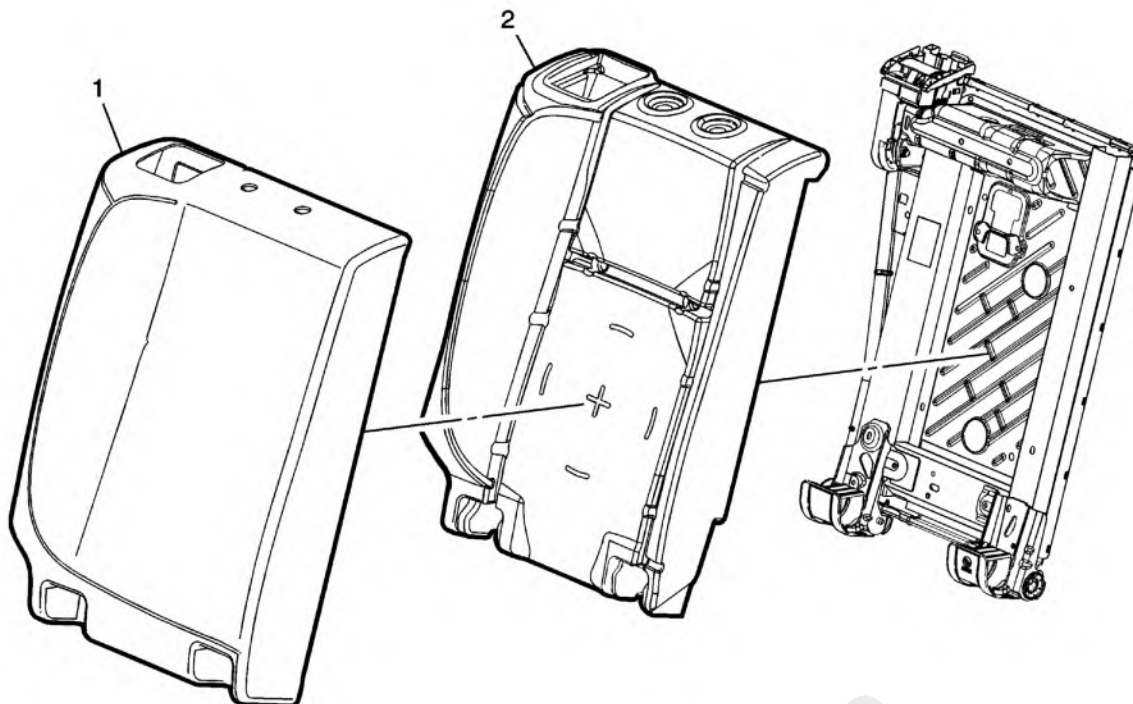


Fig. 46: Rear Seat Back Cushion Cover And Pad (40%)

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. Remove the rear seat back cushion. Refer to Rear Seat Back Cushion Removal and Installation (40%). 2. Remove the rear seat head restraint guide. Refer to Rear Seat Head Restraint Guide Replacement. 3. Remove the rear seat back cushion latch release handle bezel. Refer to Rear Seat Back Latch Release Handle Bezel Replacement 4. Remove the child seat bracket access hole cover. Refer to Child Seat Bracket Access Hole Cover Replacement 5. Remove the rear seat back cushion pivot support. Refer to Rear Seat Back Cushion Pivot Support Replacement.	
1	Rear Seat Back Cushion Cover Procedure 1. Disengage the J-channel retainers from the seat back cushion frame. 2. Remove the hog rings from the under side of the rear seat back cushion cover. 3. Pull the cover away from the pad to disengage the hook and loop retainers. 4. If replacing the seat back panel, transfer components as necessary. NOTE: When installing the rear seat back cushion cover, pull the cover tightly in all corners to ensure that no creasing occurs.
2	Rear Seat Back Cushion Pad

REAR SEAT BACK CUSHION HINGE REPLACEMENT

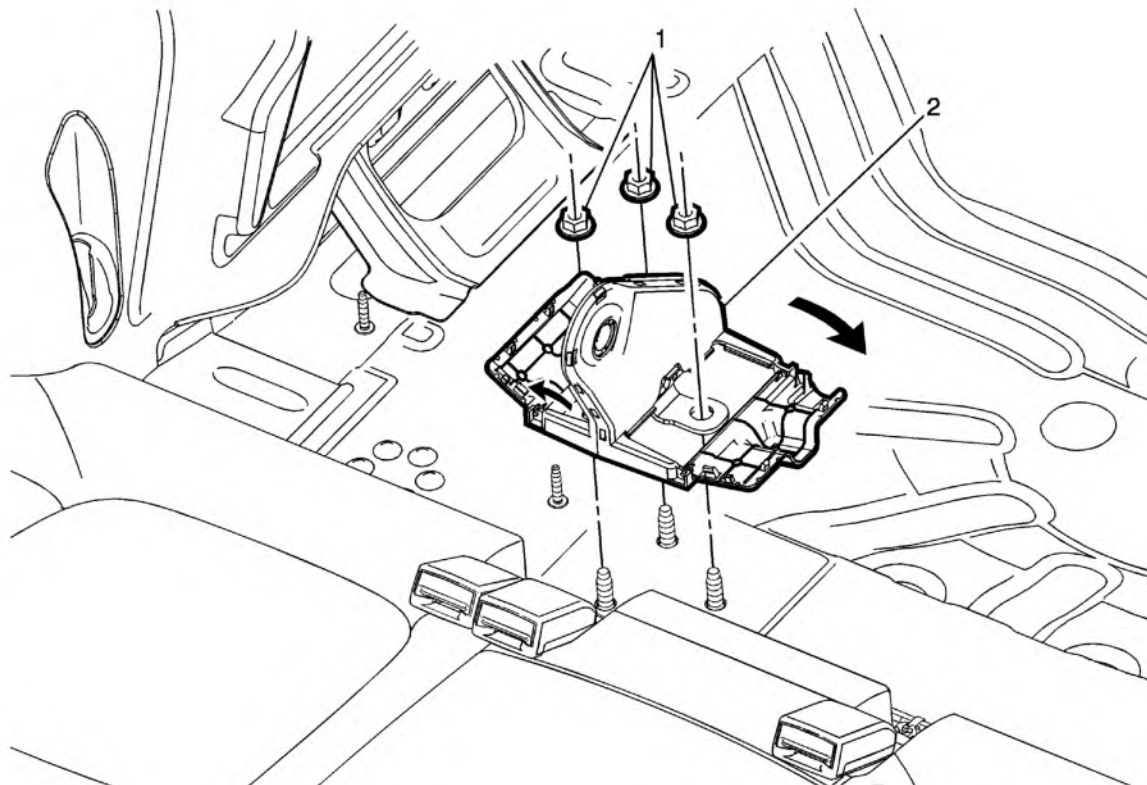


Fig. 47: Rear Seat Back Cushion Hinge
 Courtesy of GENERAL MOTORS COMPANY

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 Hinge Nut (Qty: 3) CAUTION: Refer to Fastener Caution . Tighten 43 N.m (32 lb ft)
2	Rear Seat Back Cushion Hinge

REAR SEAT BACK LATCH RELEASE HANDLE BEZEL REPLACEMENT

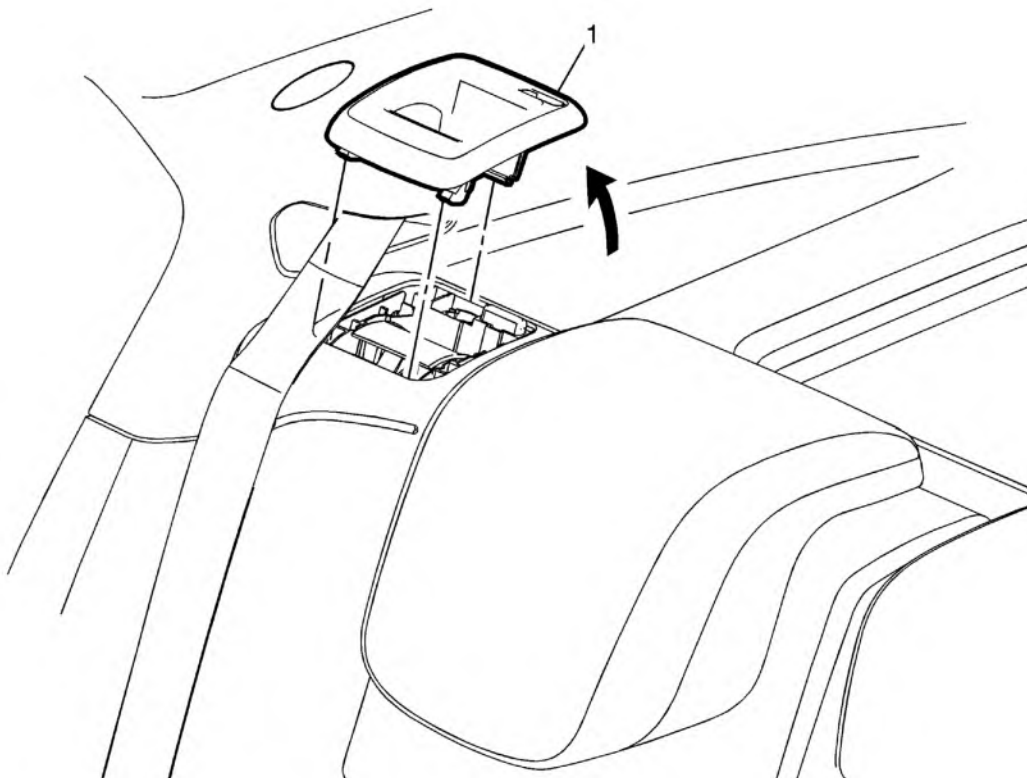


Fig. 48: Rear Seat Back Cushion Latch Release Handle Bezel

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Rear Seat Back Cushion Latch Release Handle Bezel Procedure 1. Use a small flat bladed tool to disengage the rear retainers. 2. Slide the cover forward to disengage the front retainers from the rear seat back.

DESCRIPTION AND OPERATION

MANUAL SEATS DESCRIPTION

NOTE: Do not attempt to change the designed seat position by altering the designed seat adjuster-to-floor pan anchor provisions or the seat adjuster-to-seat frame anchor provisions. Changing the seat position could affect the performance of the seat system.

This vehicle is equipped with low-backed front seats with separate head restraints and a three-passenger folding rear seat. Split folding rear seat is optional. Seat cushions and seatbacks have formed foam pads, which fit the contours of the full-panel seatback frame assembly and the designed contour of the seat cushion frame. There are no front seat forward or rearward relocation provisions provided at either the seat adjuster-to-seat frame or the seat adjuster-to-floor pan anchor attachments.