

2010 ACCESSORIES & EQUIPMENT

Seat Hardware, Trim, and Upholstery - Equinox & Terrain

SPECIFICATIONS

FASTENER TIGHTENING SPECIFICATIONS

Application	Specification	
	Metric	English
Front Seat Mounting Bolt	45 N.m	33 lb ft
Front Seat Adjuster Handle Screw	2 N.m	18 lb in
Front Seat Inner Recliner Finish Cover Side Screw	5N.m	44 lb in
Front Seat Cushion Frame Bolt	12 N.m	9 lb ft
Rear Seat Back Cushion Latch Screw	2.5 N.m	22 lb in
Rear Seat Mounting Bolt	90 N.m	66 lb ft
Rear Seat Pivot Bolt	45 N.m	33 lb ft
Rear Seat Armrest	9 N.m	80 lb in
Rear Seat Adjuster Bolt	90 N.m	66 lb ft
Rear Seat Adjuster Nut	75 N.m	55 lb ft
Rear Seat Cushion Frame	50 N.m	37 lb ft
Rear Seat Back Cushion Latch Release Handle	2.5 N.m	22 lb ft
Rear Seat Recliner	50 N.m	37 lb ft

REPAIR INSTRUCTIONS

DRIVER OR PASSENGER SEAT REPLACEMENT

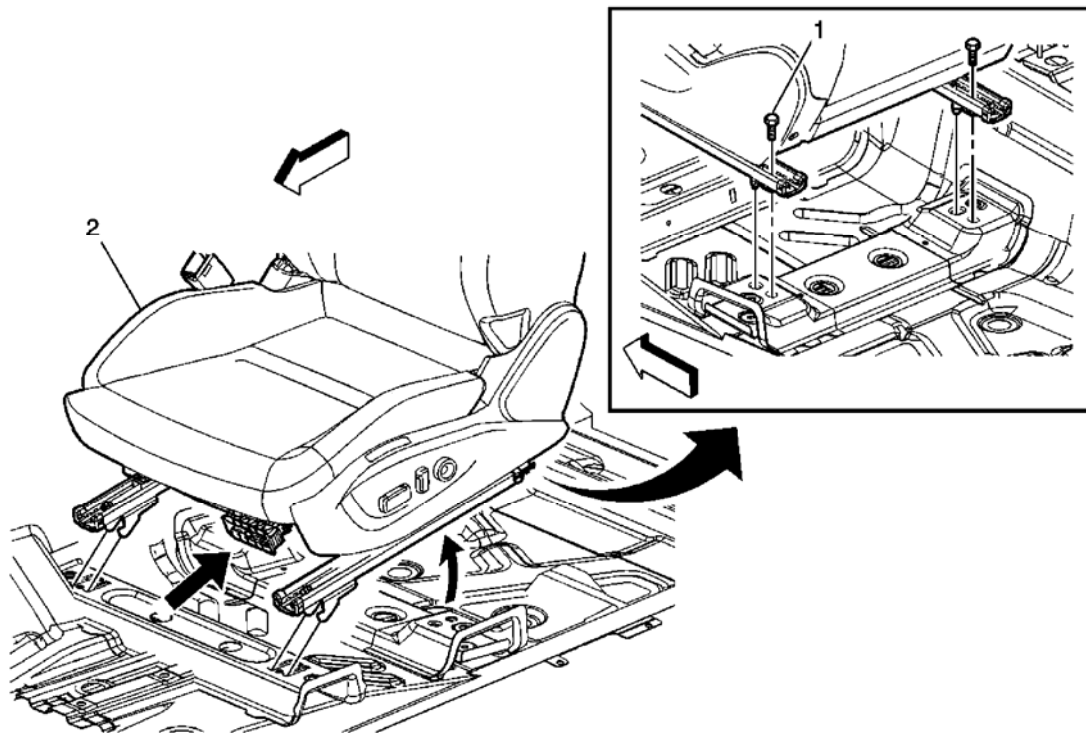


Fig. 1: Driver or Passenger Seat
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
WARNING: Refer to <u>SIR Warning</u> .	
WARNING: To avoid personal injury, perform a preload test on the passenger presence system whenever you remove or replace the seat cushion trim. Failure to do so may cause the system to malfunction.	
Preliminary Procedures	
1. Disable the SIR system. Refer to <u>SIR Disabling and Enabling</u> . 2. Disconnect the front seat retractor anchor by removing the cap, bolt, and cover. Refer to <u>Driver or Passenger Seat Retractor Side Belt Replacement</u> . 3. Preload test the inflatable restraint passenger presence system whenever the seat cushion or any component of the passenger presence system is removed. Refer to <u>Passenger Presence System Preload Test</u>	
	Front Seat Bolt (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> .

1	Procedure 1. Adjust the seat to the full forward position to gain access to the rear bolts. 2. Remove the rear track covers to gain access to the rear bolts, if equipped. Tighten: 45 N.m (33 lb ft)
2	Front Seat Assembly Procedure 1. Disconnect the front seat and pretensioner electrical connector, and passenger presence system connector, if equipped. 2. With the aid of an assistant tilt the rear of the seat upward, and then lifting and pulling the seat rearwards to disengage the front hooks from the floor.

FRONT SEAT ADJUSTER KNOB REPLACEMENT

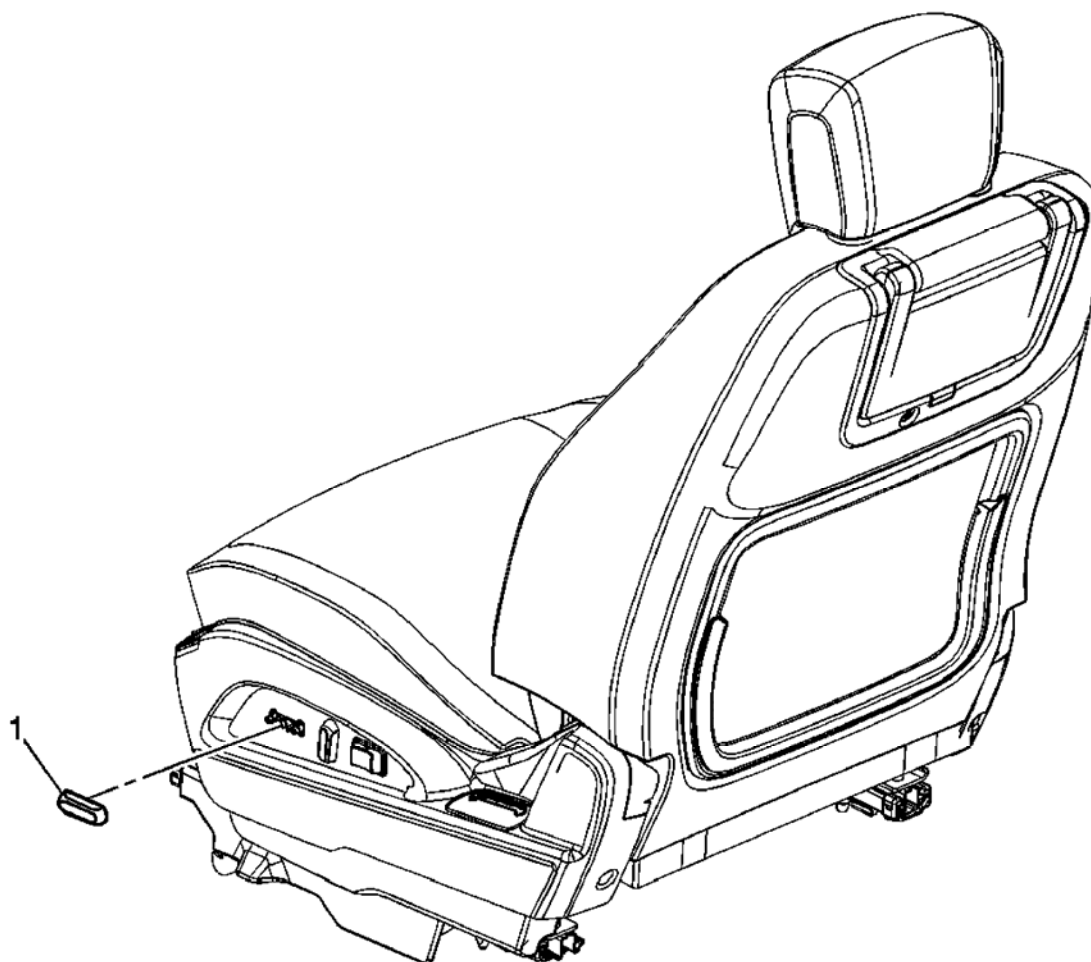


Fig. 2: Front Seat Adjuster Knob
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Front Seat Adjuster Switch Knob Tip: Use a flat-bladed tool to release the adjuster knob from the switch.

DRIVER OR PASSENGER SEAT ADJUSTER HANDLE REPLACEMENT

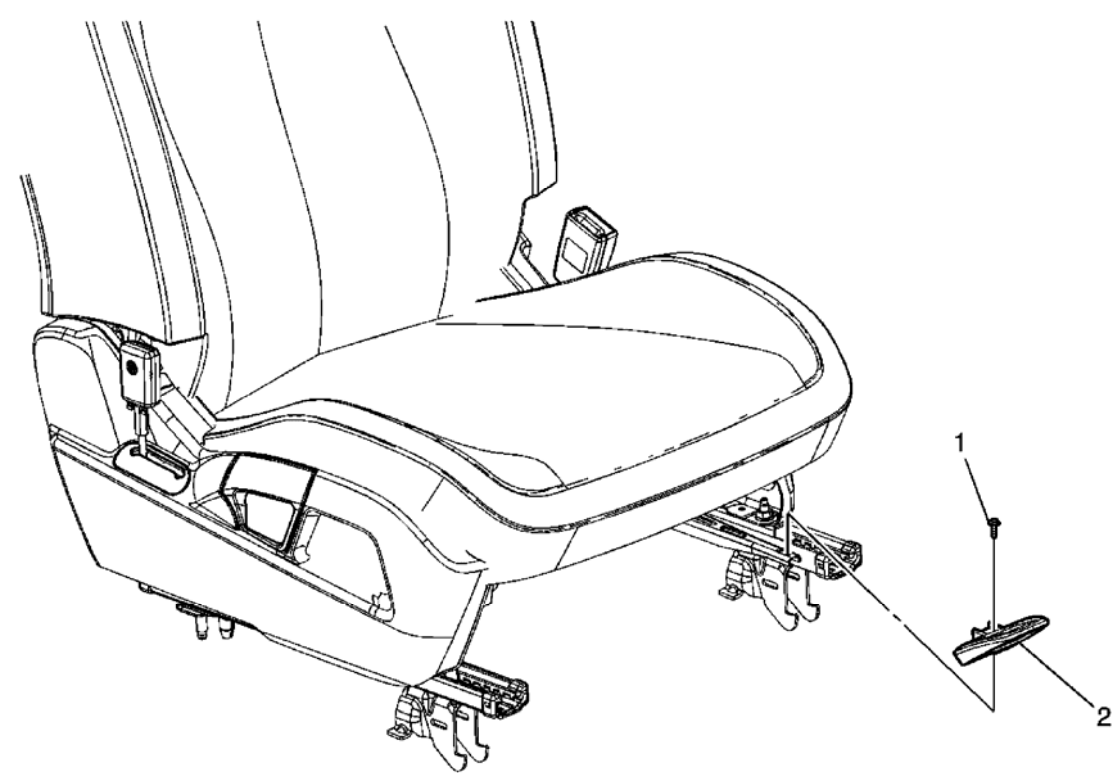


Fig. 3: Driver or Passenger Seat Adjuster Handle
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Driver or Passenger Seat Adjuster Handle Retainer CAUTION: Refer to <u>Fastener Caution</u> . Tighten: 2 N.m (18 lb in)
2	Seat Adjuster Handle

DRIVER OR PASSENGER SEAT HEAD RESTRAINT REPLACEMENT

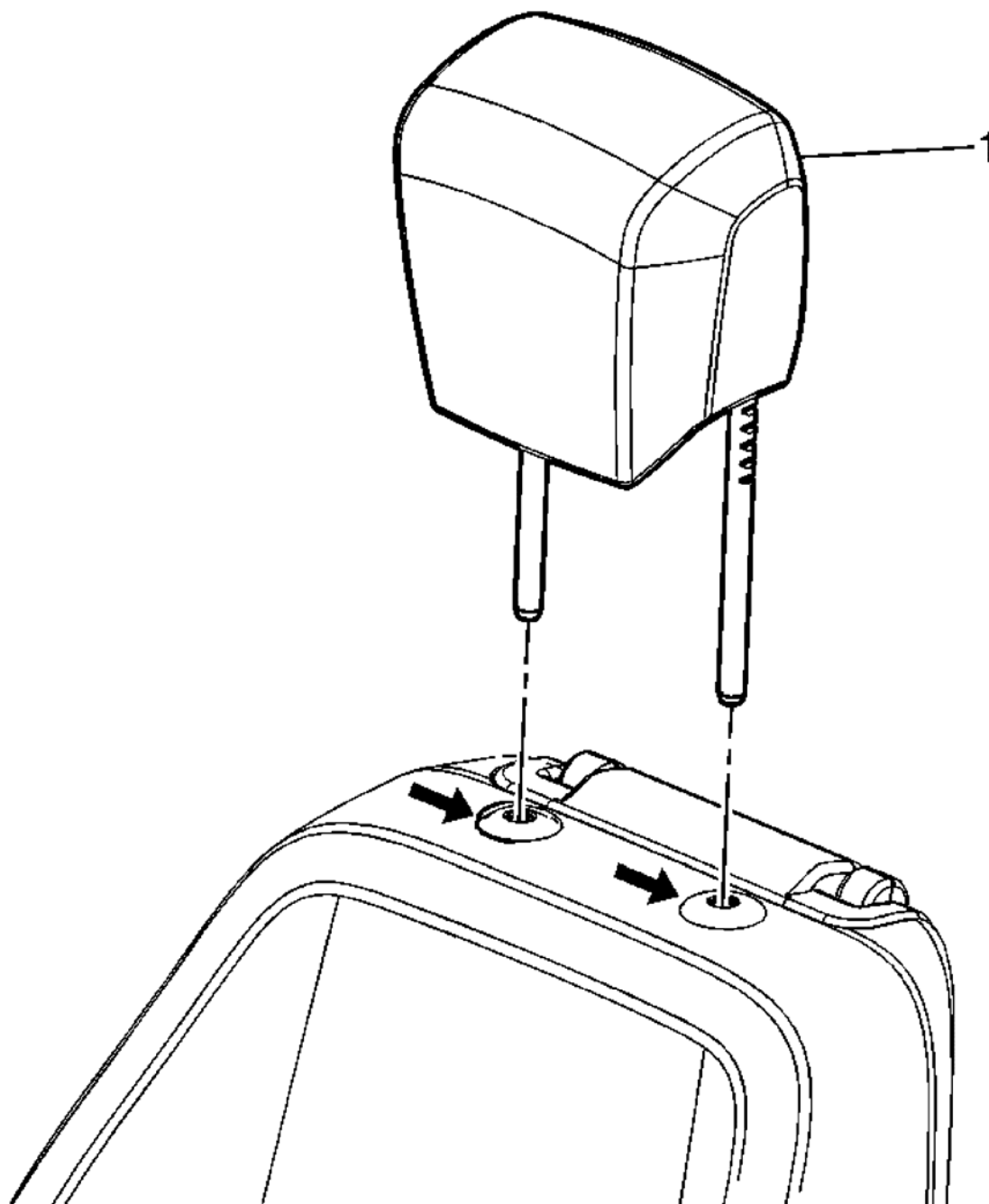


Fig. 4: Driver or Passenger Seat Head Restraint
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
	Driver or Passenger Seat Head Restraint
	Procedure

1	1. Lower the seat back rearward to gain space between the head restraint and the roof. 2. Raise the headrest to the full upward position. 3. Depress the large button on the head restraint guide and raise the head restraint to the full up position. 4. Depress the smaller button on the opposite head restraint guide and pull upward to remove from the seat.
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FRONT SEAT HEAD RESTRAINT GUIDE REPLACEMENT

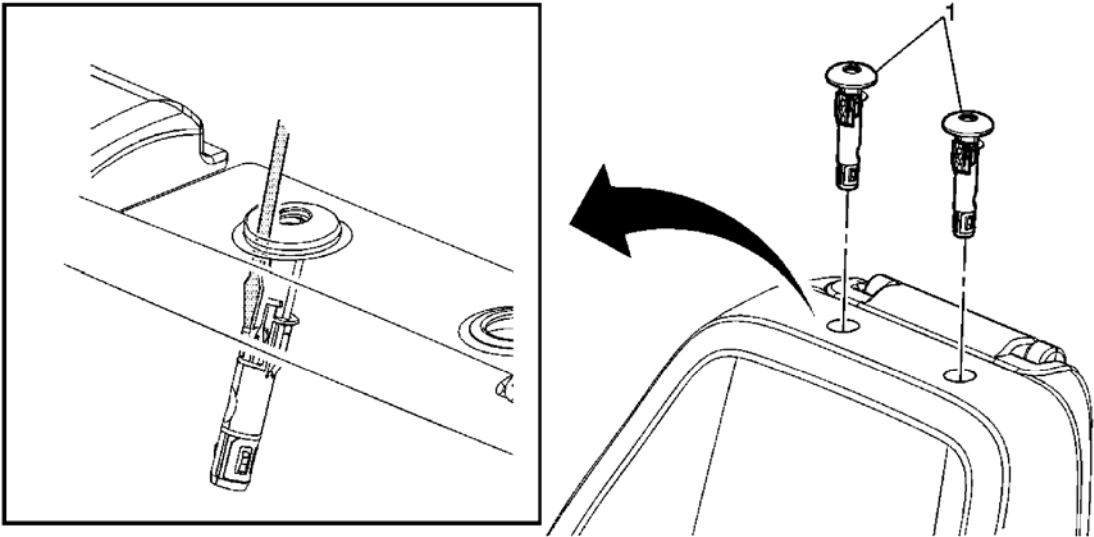


Fig. 5: Front Seat Head Restraint Guide
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: Remove the front seat head restraint. Refer to <u>Driver or Passenger Seat Head Restraint Replacement.</u>	
1	Front Seat Head Restraint Guide Procedure: Using a suitable flat-bladed tool, slide the tool between the rear seat back center cover 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 center frame.

DRIVER OR PASSENGER SEAT OUTER ADJUSTER FINISH COVER REPLACEMENT

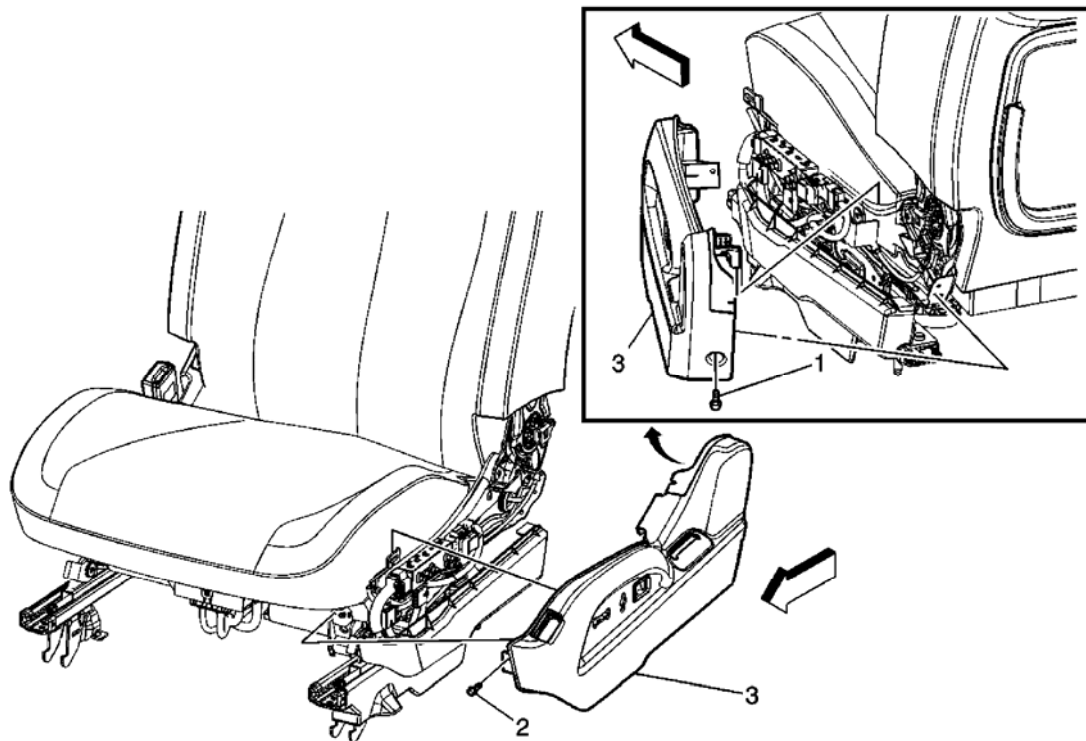


Fig. 6: Driver or Passenger Seat Outer Adjuster Finish Cover
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedures	
1. Remove the driver or passenger seat recliner handle, if equipped. Refer to <u>Driver or Passenger Seat Recliner Handle Replacement</u> . 2. Remove the front seat belt tensioner cover. Refer to <u>Driver or Passenger Seat Belt Tensioner Cover Replacement</u> .	
1	Driver or Passenger Seat Outer Adjuster Finish Cover Rear Screw
2	Driver or Passenger Seat Outer Adjuster Finish Cover Front Screw
3	Driver or Passenger Seat Outer Adjuster Finish Cover Procedure 1. Disconnect the electrical connectors. 2. Remove the adjuster finish cover by pulling upward near the retainer clip locations. 3. If replacing the cover, transfer components as necessary.

DRIVER OR PASSENGER SEAT BELT TENSIONER COVER REPLACEMENT

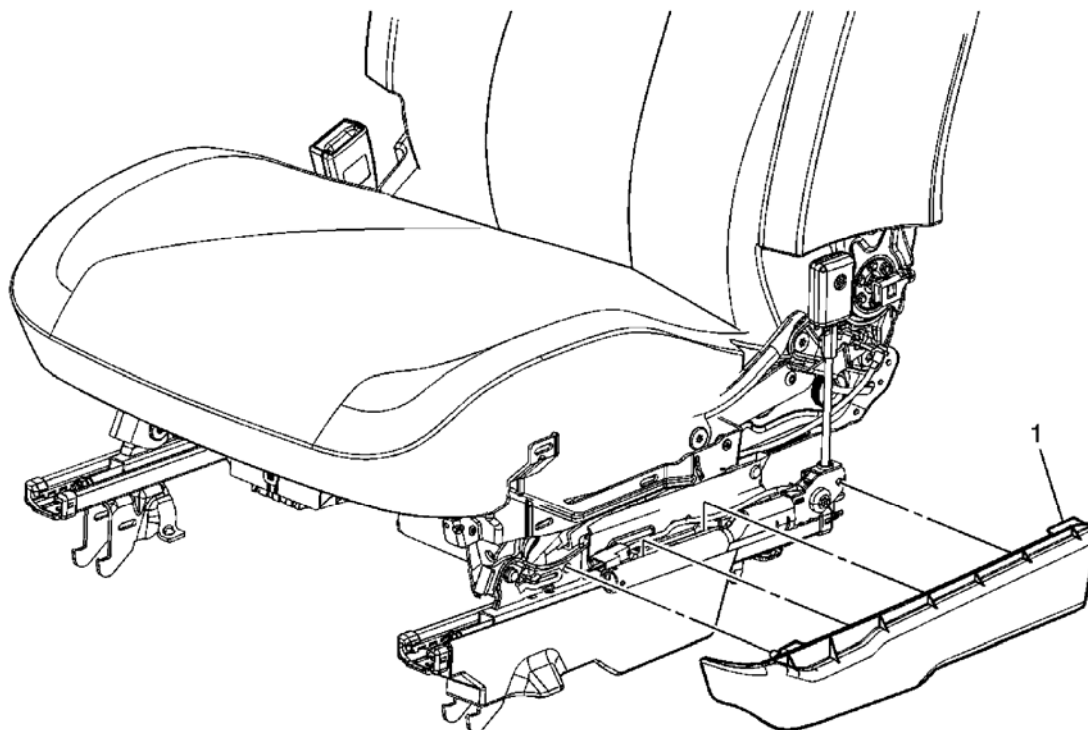


Fig. 7: Driver or Passenger Seat Belt Tensioner Cover
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: Remove the driver or passenger seat outer adjuster finish cover. Refer to <u>Driver or Passenger Seat Outer Adjuster Finish Cover Replacement</u> .	
1	Driver or Passenger Seat Belt Tensioner Cover Tip: Use a flat-bladed tool to release the tensioner cover from the frame track and belt tensioner.

DRIVER OR PASSENGER SEAT INNER RECLINER FINISH COVER REPLACEMENT

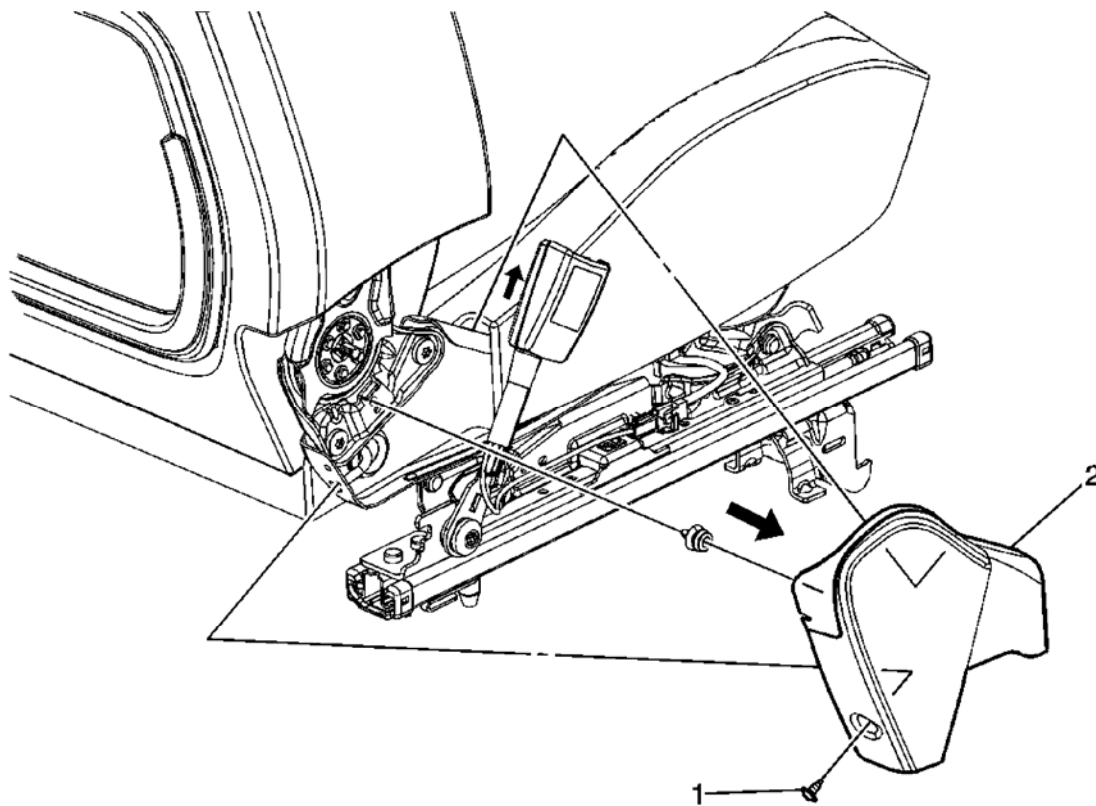


Fig. 8: Driver or Passenger Seat Inner Recliner Finish Cover
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Driver or Passenger Seat Inner Recliner Finish Cover Retainer CAUTION: Refer to <u>Fastener Caution</u> . Tighten: 5 N.m (44 lb in)
2	Driver or Passenger Seat Inner Recliner Finish Cover Procedure: Firmly grasp the top of the finish cover, Pull upward and then outboard to disengage the finish cover from the seat cushion frame.

DRIVER OR PASSENGER SEAT CUSHION FRAME REPLACEMENT

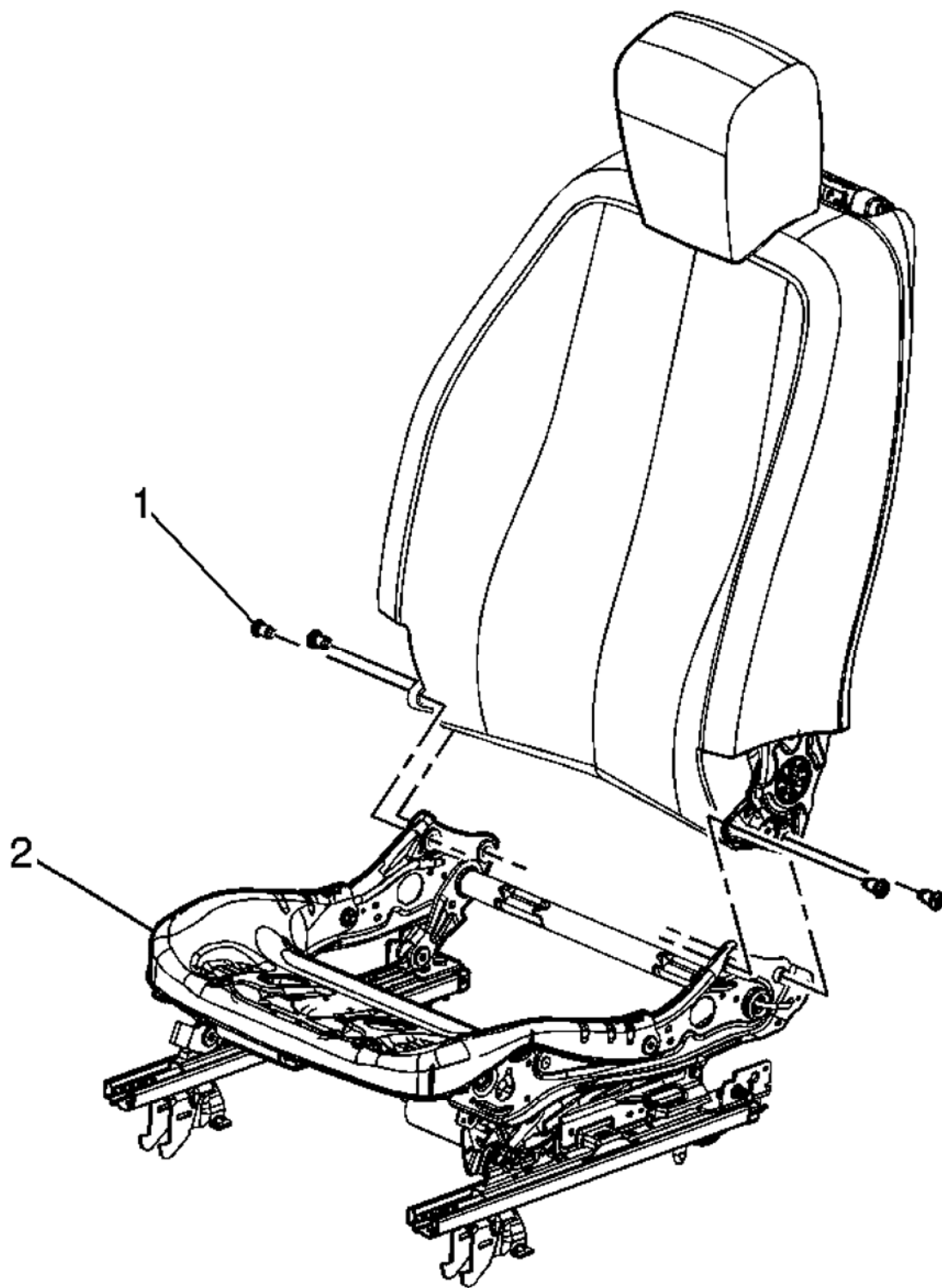


Fig. 9: Driver or Passenger Seat Cushion Frame
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure 1. Remove the front seat. Refer to <u>Driver or Passenger Seat Replacement</u> . 2. Remove the seat cushion cover and pad. Refer to <u>Front Seat Cushion Cover and Pad Replacement</u> . 3. When working with the passenger seat re-zero the inflatable restraint passenger presence system whenever the seat cushion or any component of the passenger presence system is removed. Refer to <u>Control Module References</u> .	
1	Front Seat Cushion Frame Bolt (Qty: 4) CAUTION: Refer to <u>Fastener Caution</u> . Tighten: 12 N.m (9 lb ft)
2	Front 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

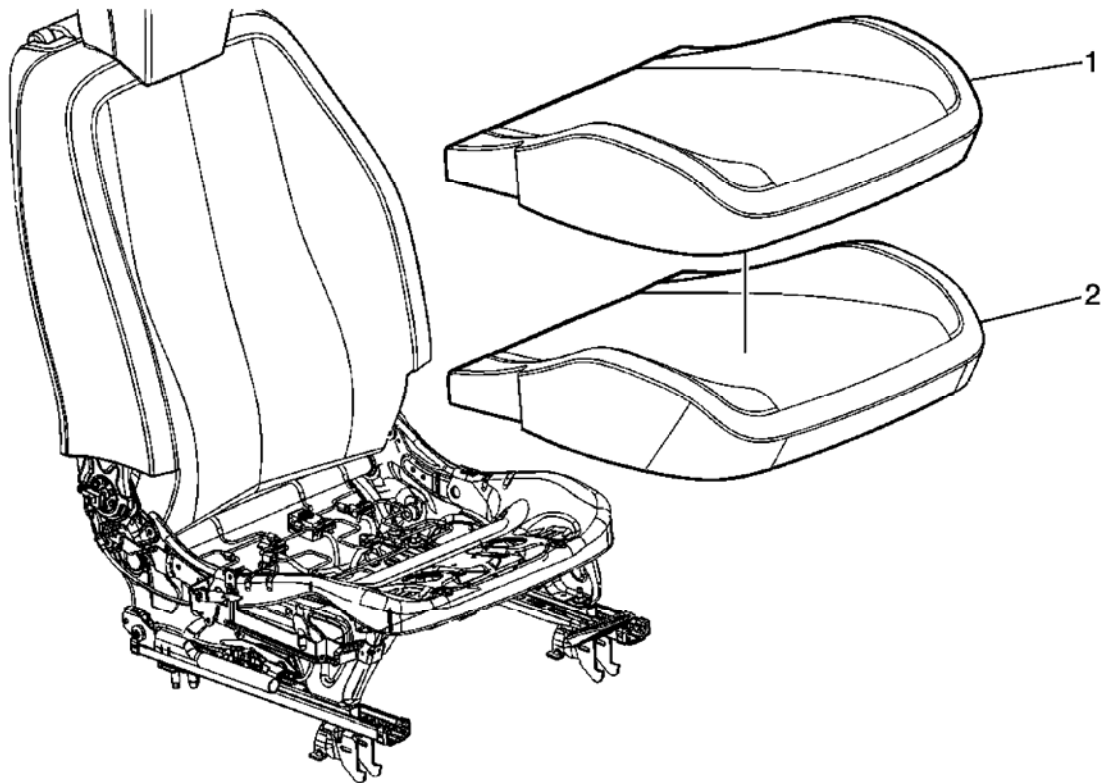


Fig. 10: Front Seat Cushion Cover and Pad
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
WARNING: Refer to <u>SIR Warning</u> .	
Preliminary Procedure	
1. Remove the front seat. Refer to <u>Driver or Passenger Seat Replacement</u> . 2. Remove the front seat outer adjuster finish cover. Refer to <u>Driver or Passenger Seat Outer Adjuster Finish Cover Replacement</u> . 3. Remove the front seat inner recliner finish cover. Refer to <u>Driver or Passenger Seat Inner Recliner Finish Cover Replacement</u> . 4. When working with the passenger seat, you must preload the inflatable restraint passenger presence system whenever the seat cushion or any component of the passenger presence system is removed. Refer to <u>Passenger Presence System Preload Test</u> .	
1	Front Seat Cushion Cover Procedure 1. Remove the rear retainers on the seat cushion cover from the seat frame.

	2. Disengage the J-channel retainer from the seat frame. 3. Disconnect the electrical connector, if equipped. 4. Remove the seat cushion cover and pad from the seat cushion frame as an assembly.
2	Front Seat Cushion Pad Procedure 1. Remove the hook and loop fasteners from the under side of the seat cushion. 2. Pull the cushion cover off of the pad. 3. When replacing the front passenger seat cushion, you must also replace the inflatable restraint passenger presence system. Refer to <u>Inflatable Restraint Front Passenger Presence Sensor Replacement</u>

DRIVER OR PASSENGER SEAT BACK CUSHION COVER AND PAD REPLACEMENT

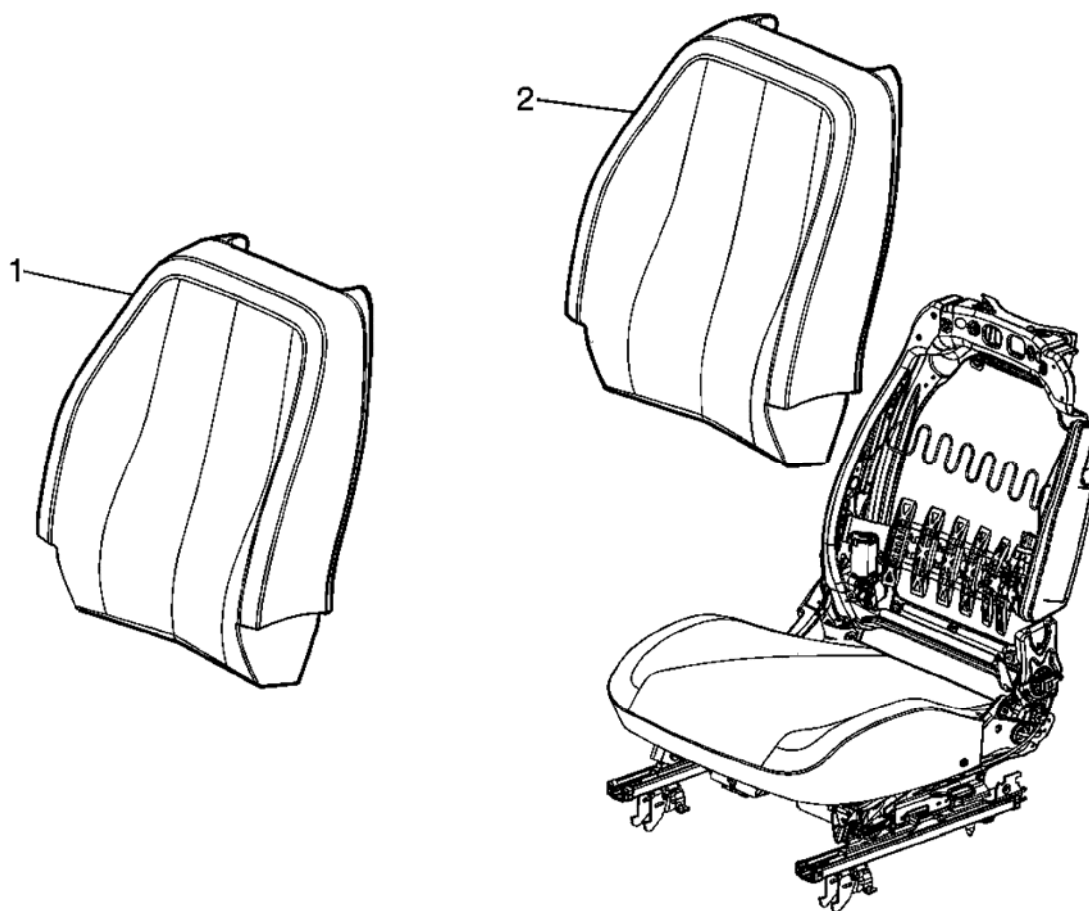


Fig. 11: Driver or Passenger Seat Back Cushion Cover and Pad
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
WARNING: Refer to <u>SIR Warning</u> .	
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 front seat. Refer to <u>Driver or Passenger Seat Replacement</u> . 2. Remove the front seat inner recliner finish cover. Refer to <u>Driver or Passenger Seat Inner Recliner Finish Cover Replacement</u> . 3. Remove the front seat outer adjuster finish cover. Refer to <u>Driver or Passenger Seat Outer Adjuster Finish Cover Replacement</u> . 4. Remove the driver or passenger seat recliner handle, if equipped. Refer to <u>Driver or Passenger Seat Recliner Handle Replacement</u> . 5. Remove the front seat back cushion finish panel. Refer to <u>Driver or Passenger Seat Back Cushion Finish Panel Replacement</u> . 6. Remove the video display, if equipped. Refer to <u>Video Display Replacement</u> .	
1	Driver or Passenger Seat Back Cushion Cover Procedure 1. Disengage the j-channel retainers from the seat back cushion frame. 2. Remove the seat back cushion cover and pad from the seat cushion frame as an assembly.
2	Driver or Passenger Seat Back Cushion Pad Procedure 1. Pull the cushion cover off of the pad. 2. Disconnect the electrical connectors that attach to the seat back cushion, if equipped with seat back cushion heater. 3. Remove the rear seat back frame filler panel, if necessary.

DRIVER OR PASSENGER SEAT BACK CUSHION FRAME REPLACEMENT

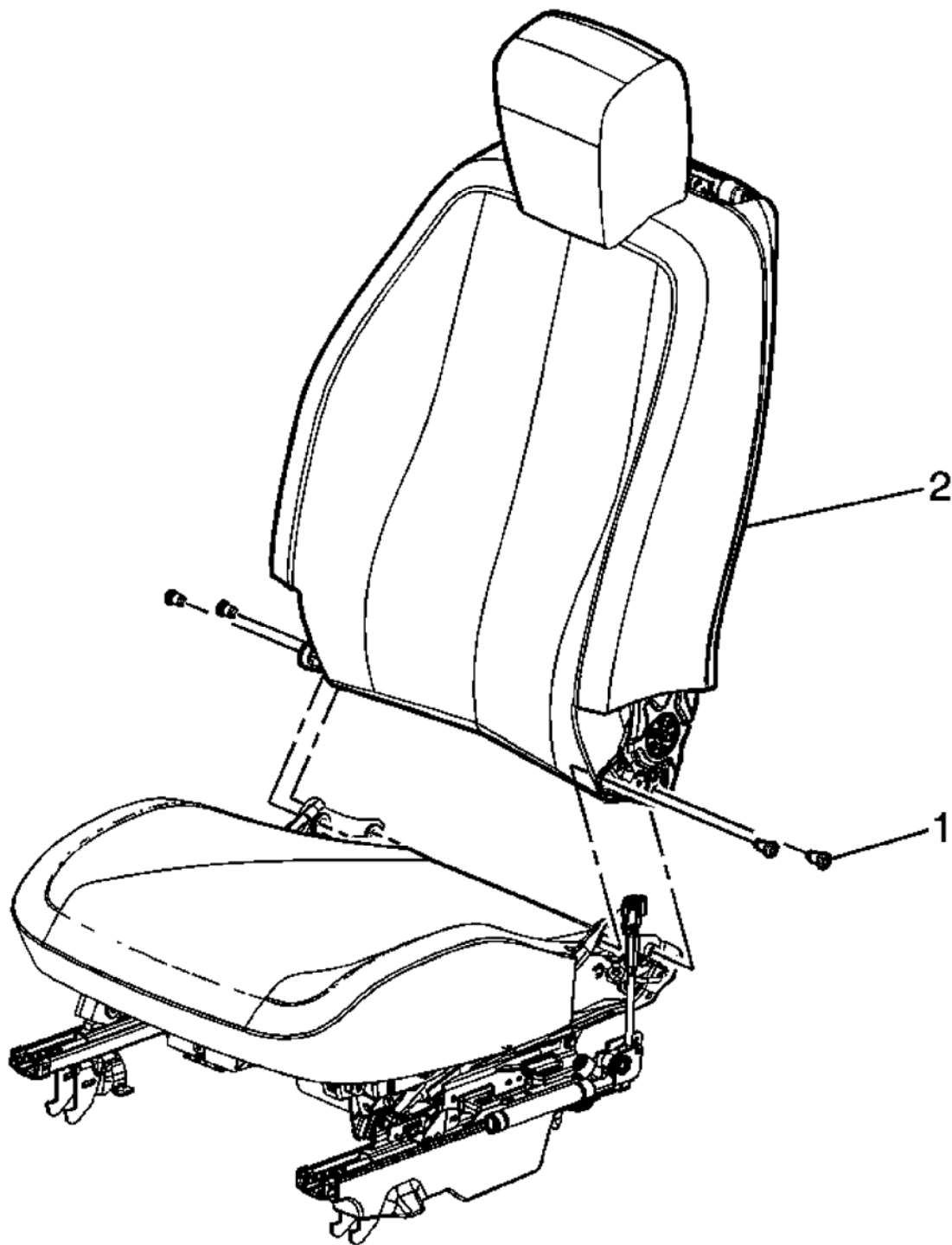


Fig. 12: Driver or Passenger Seat Back Cushion Frame
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure	

- 1. Remove the front seat. Refer to **Driver or Passenger Seat Replacement**.
- 2. Remove the driver or passenger seat outer adjuster finish cover. Refer to **Driver or Passenger Seat Outer Adjuster Finish Cover Replacement**.
- 3. Remove the driver or passenger seat inner recliner finish cover. Refer to **Driver or Passenger Seat Inner Recliner Finish Cover Replacement**.

1	Front Seat Back Cushion Frame Bolt (Qty: 4) CAUTION: Refer to <u>Fastener Caution</u> . Tighten: 12 N.m (9 lb ft)
2	Front 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 RECLINER KNOB REPLACEMENT

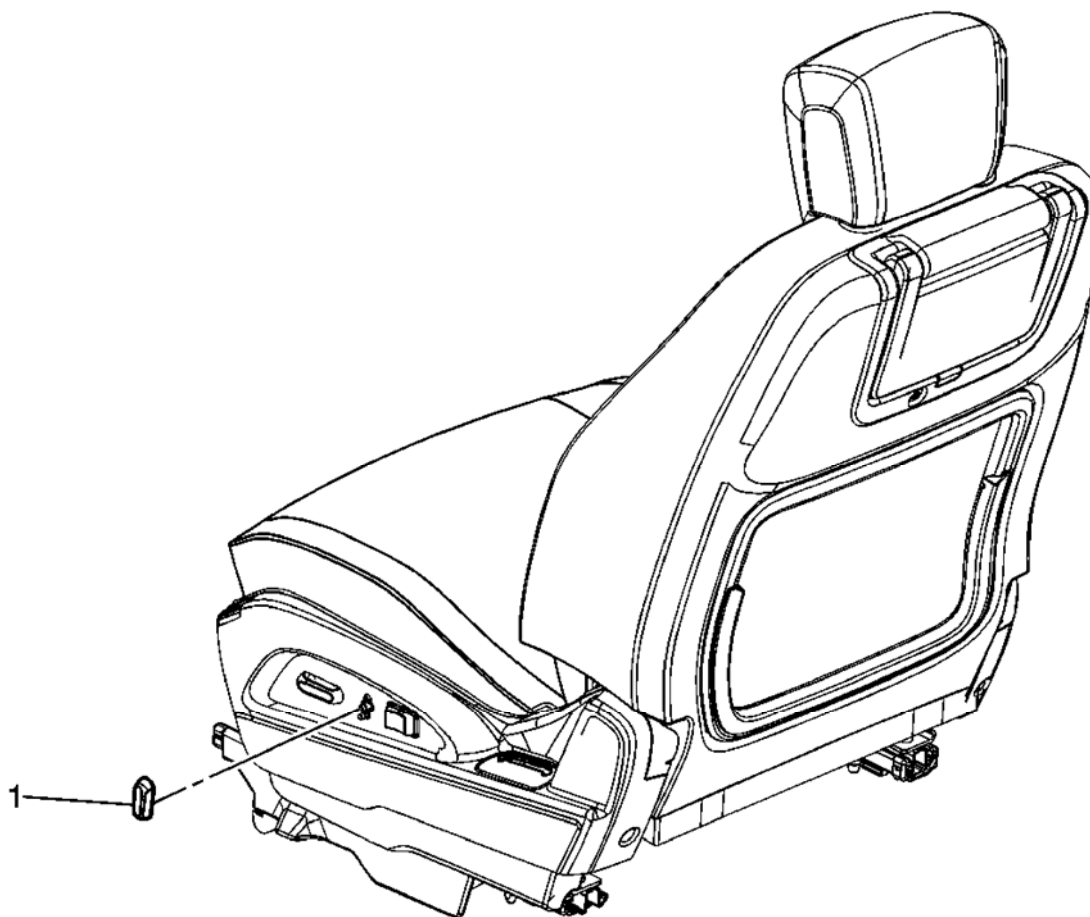


Fig. 13: Front Seat Recliner Knob
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Front Seat Recliner Knob Tip: Use a flat-bladed tool to release the knob from the switch.

DRIVER OR PASSENGER SEAT RECLINER HANDLE REPLACEMENT

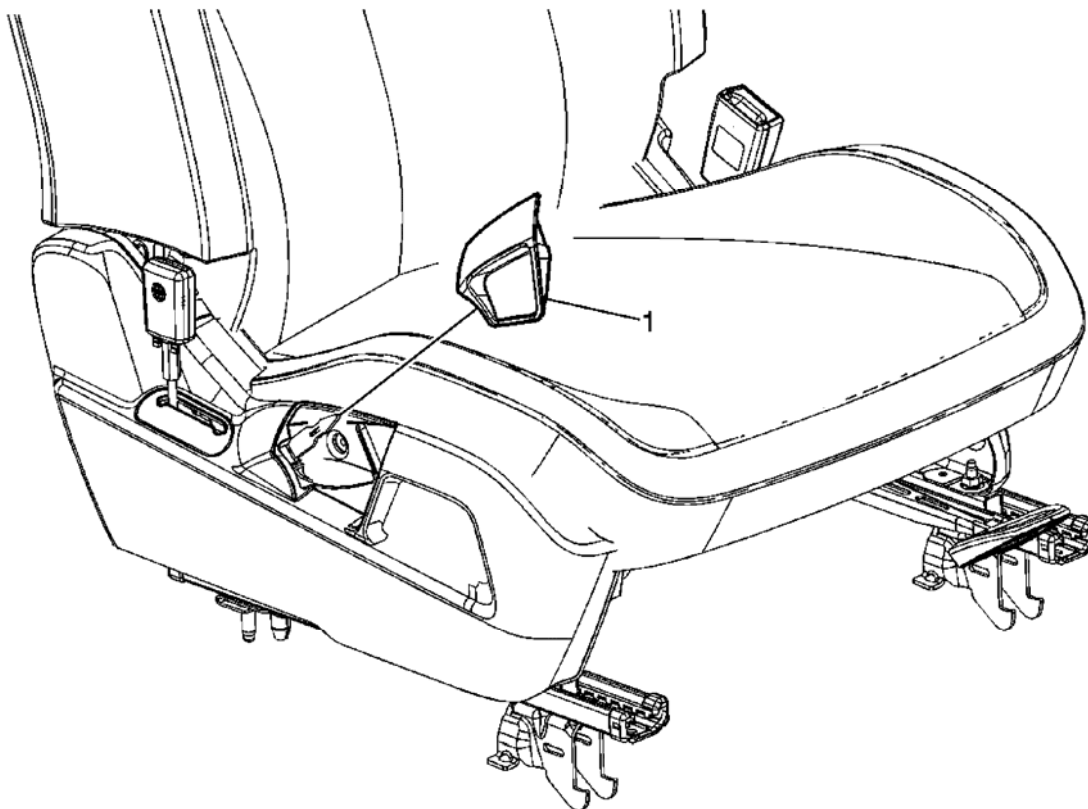


Fig. 14: Driver or Passenger Seat Recliner Handle
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Driver or Passenger Seat Recliner Handle Procedure: Pull upward on the recliner handle in a north and south direction, with out reclining the seatback. Tip: Use a flat-bladed tool to release the recliner handle from the recliner bracket.

DRIVER OR PASSENGER SEAT RECLINER ACTUATOR CABLE REPLACEMENT

Removal Procedure

1. Remove the driver or passenger seat outer adjuster finish cover. Refer to **Driver or Passenger Seat Outer Adjuster Finish Cover Replacement**.

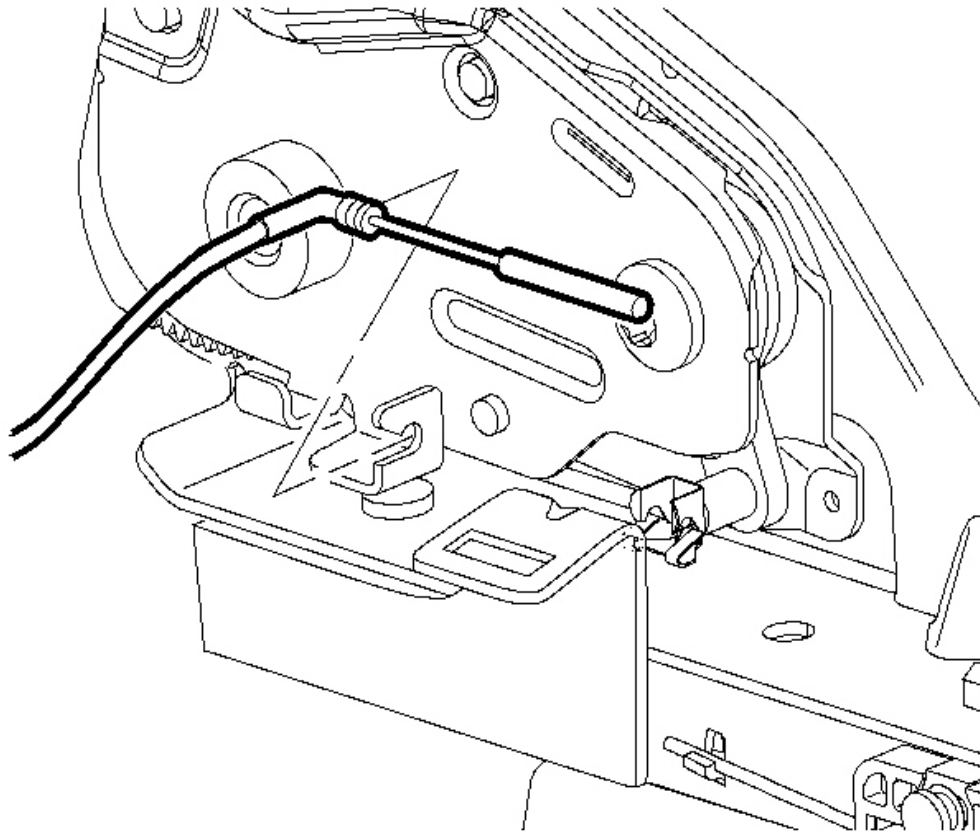


Fig. 15: Removing/Installing Seat Recliner Cable
Courtesy of GENERAL MOTORS CORP.

2. Use a small flat-bladed tool remove the seat recliner cable from the inner recliner cable clips.
3. Remove the seat recliner cable from the outer recliner mechanism and release lever.

Installation Procedure

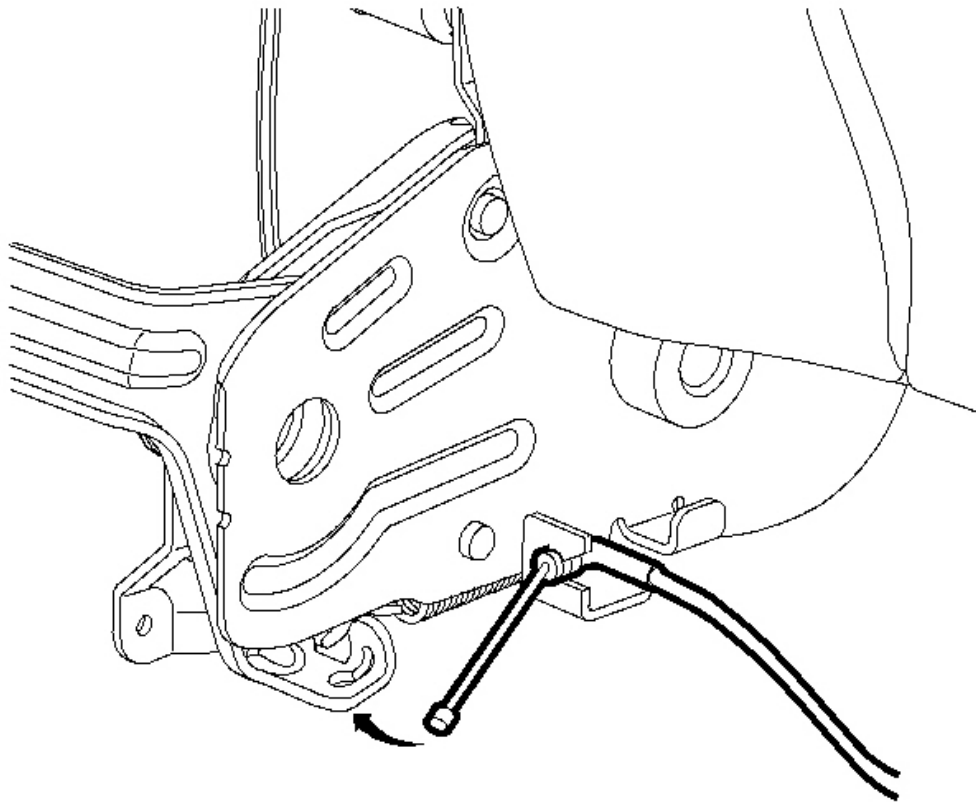


Fig. 16: Disconnecting/Connecting Outboard End Of The Fold-Flat Cable
Courtesy of GENERAL MOTORS CORP.

1. Install the seat recliner cable mechanism into the outer recliner mechanism.
2. Snap the recliner cable into the inner recliner mechanism.

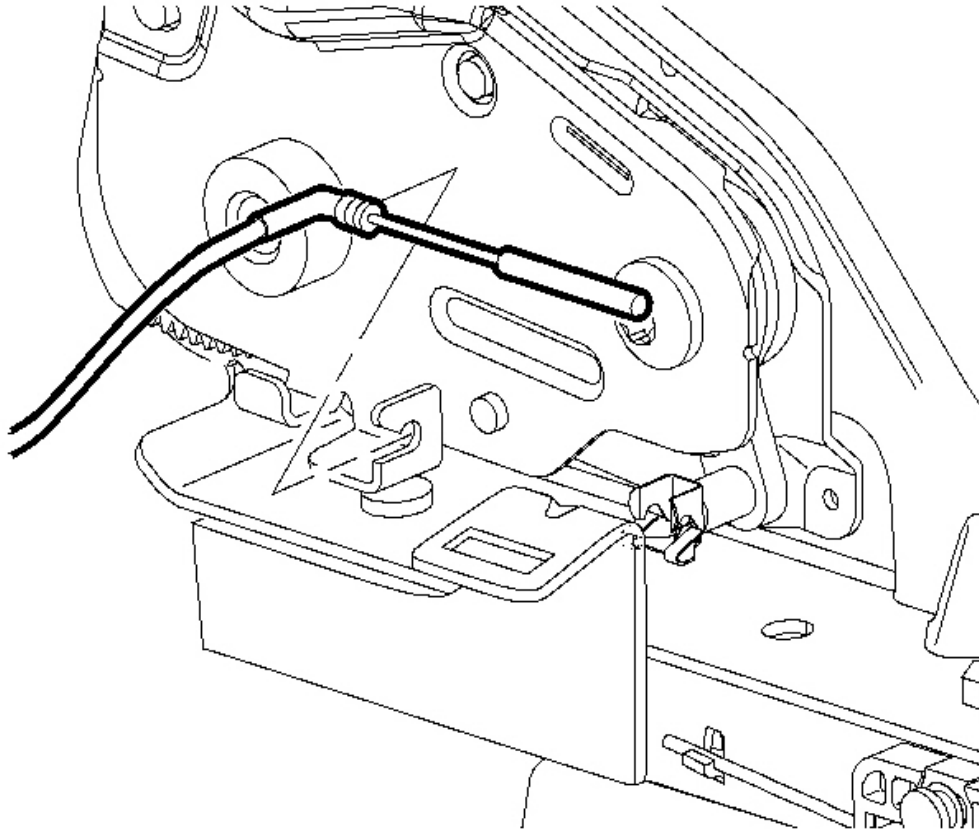


Fig. 17: Removing/Installing Seat Recliner Cable
Courtesy of GENERAL MOTORS CORP.

3. Remove the slack from the recliner cable by turning the threaded end of the cable in the clip.
4. Install the seat cushion cover/pad assembly. Refer to **Front Seat Cushion Cover and Pad Replacement**.
5. Install the seat into the vehicle. Refer to **Driver or Passenger Seat Replacement**.

DRIVER OR PASSENGER SEAT BACK CUSHION FINISH PANEL REPLACEMENT

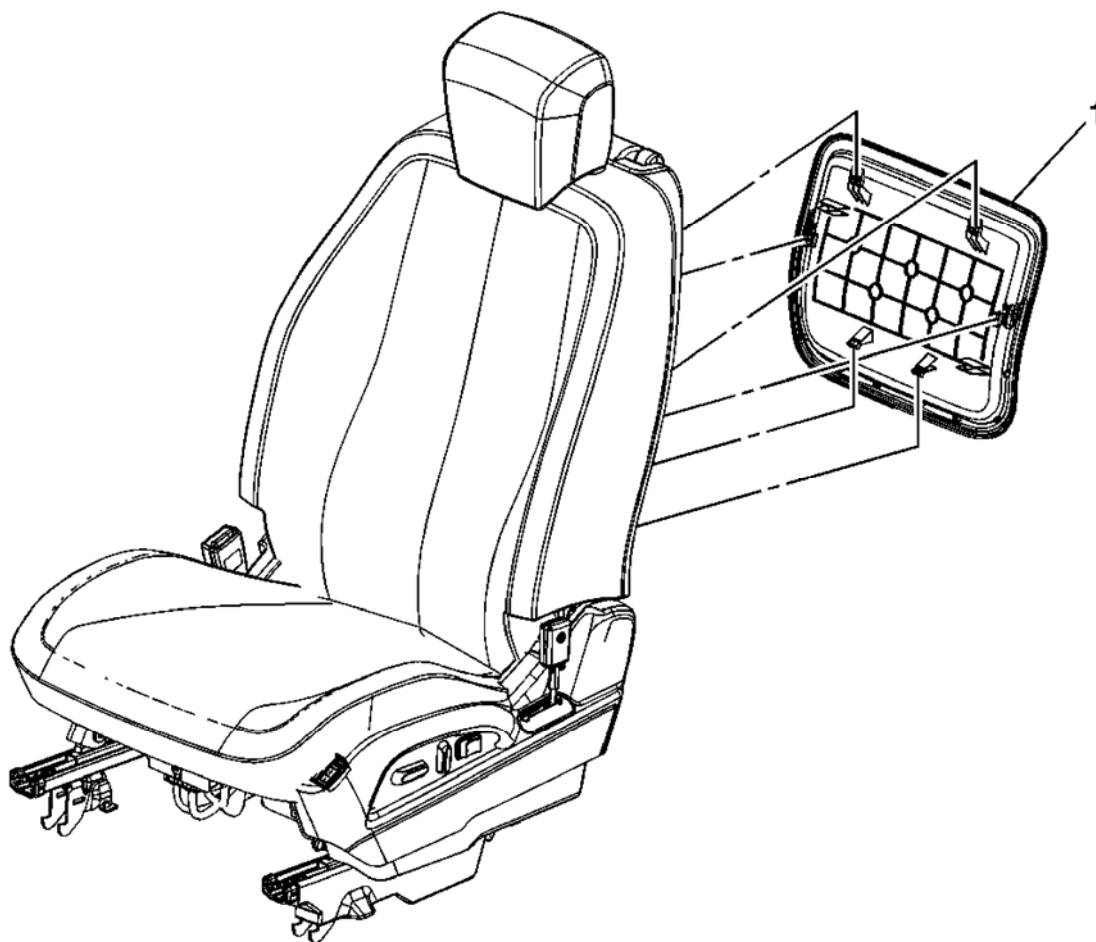


Fig. 18: Driver or Passenger Seat Back Cushion Finish Panel
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Driver or Passenger Seat Back Cushion Finish Panel Procedure 1. Pull the panel rearward at the bottom edge first to disengage the lower retainers. 2. Move the finish panel and side clips to one side to disengage the panel from the seat frame. 3. Slide the panel downward to release the upper hooks from the seat back cushion pad support wire.

REAR SEAT BACK CUSHION LATCH CABLE REPLACEMENT

Removal Procedure

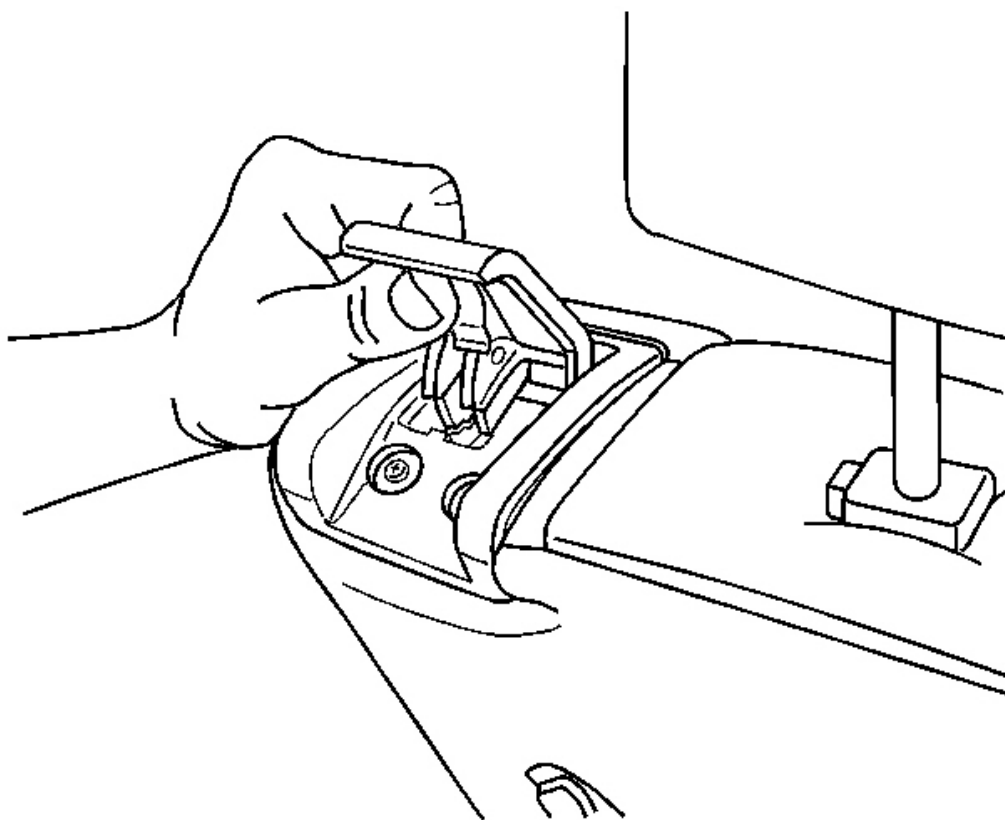


Fig. 19: Identifying Rear Seat Back Latch
Courtesy of GENERAL MOTORS CORP.

1. Remove the rear seat. Refer to **Rear Seat Replacement**.
2. Remove the fastener from the rear seat back latch and pull the latch out from the seat back assembly.

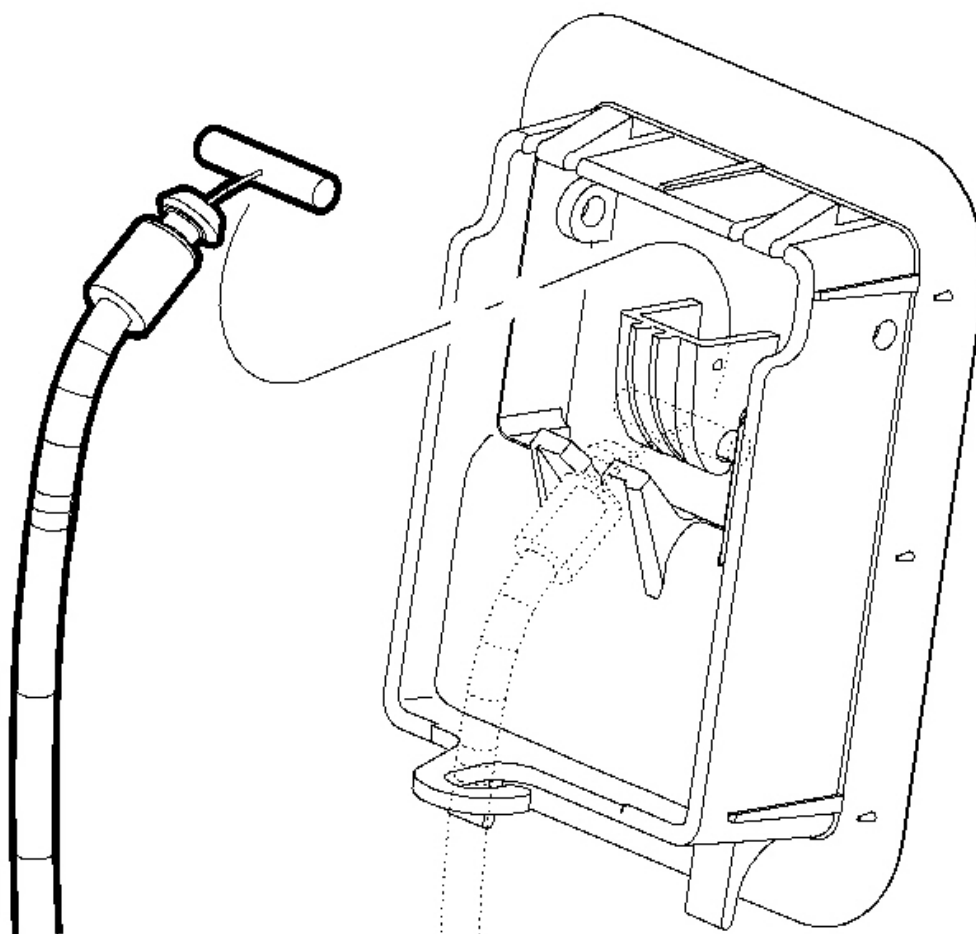


Fig. 20: View Of Seat Back Recliner Handle & Cable
Courtesy of GENERAL MOTORS CORP.

3. Detach the latch cable from the latch.

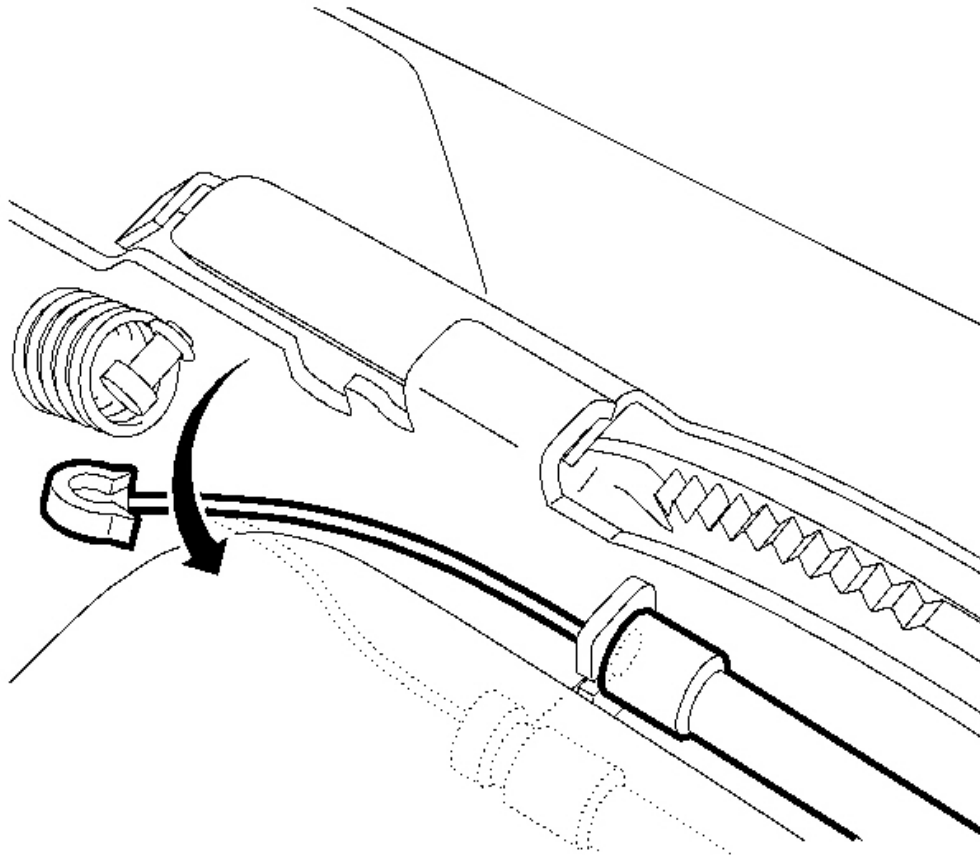


Fig. 21: View Of Latch Cable

Courtesy of GENERAL MOTORS CORP.

4. If you are going to replace the cable, disconnect the latch cable at the seat recliner mechanism.

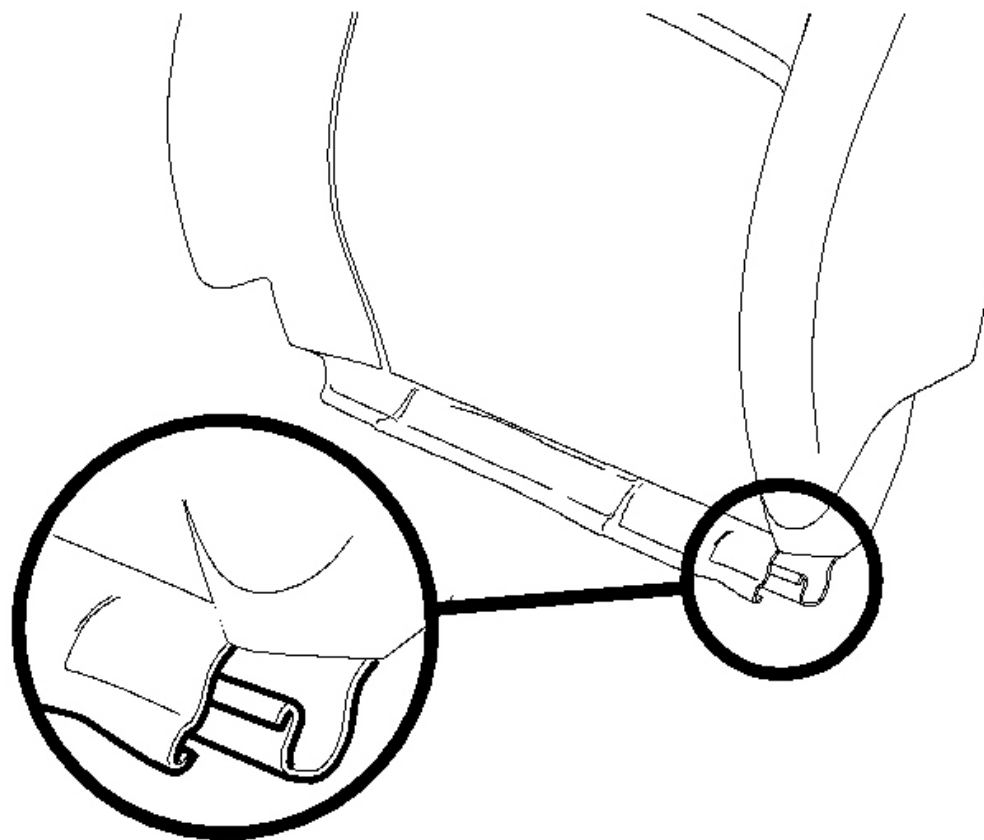


Fig. 22: View Of Lower J-Hook Retainer
Courtesy of GENERAL MOTORS CORP.

5. Open the J-strip at the bottom of the seat cover.

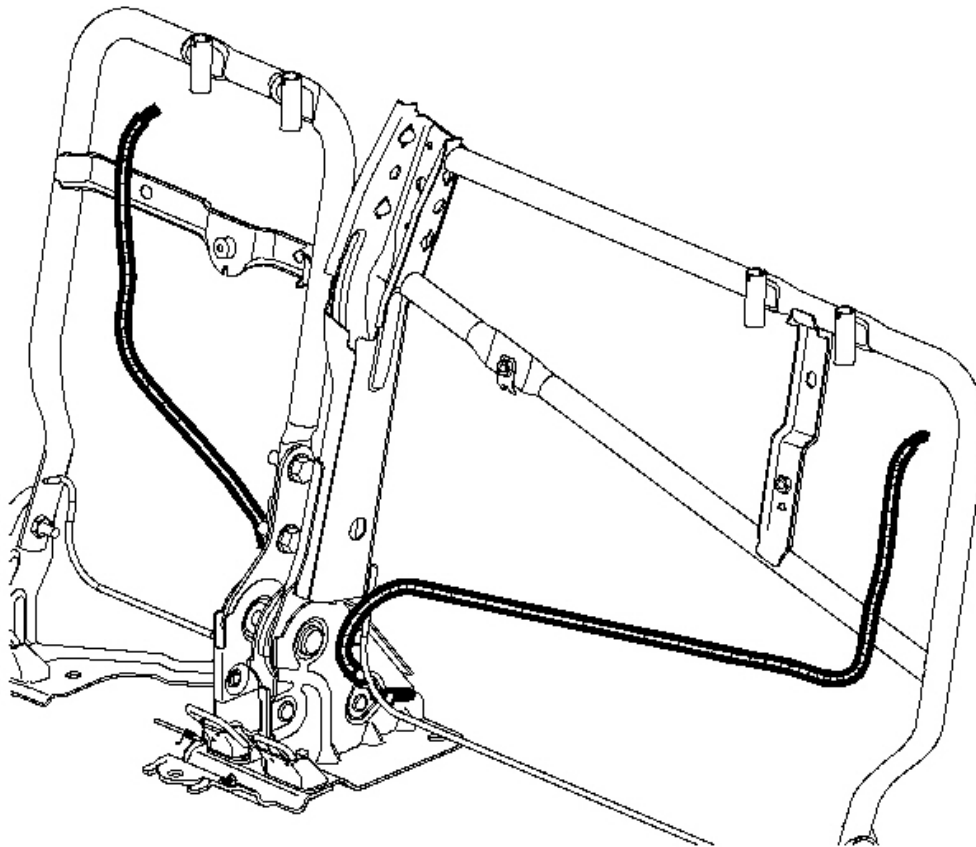


Fig. 23: Locating Cable In Seat Back Assembly
Courtesy of GENERAL MOTORS CORP.

6. Attach a mechanics wire to the cable to guide it through the seat back.
7. Pull the cable out from the seat back assembly.

Installation Procedure

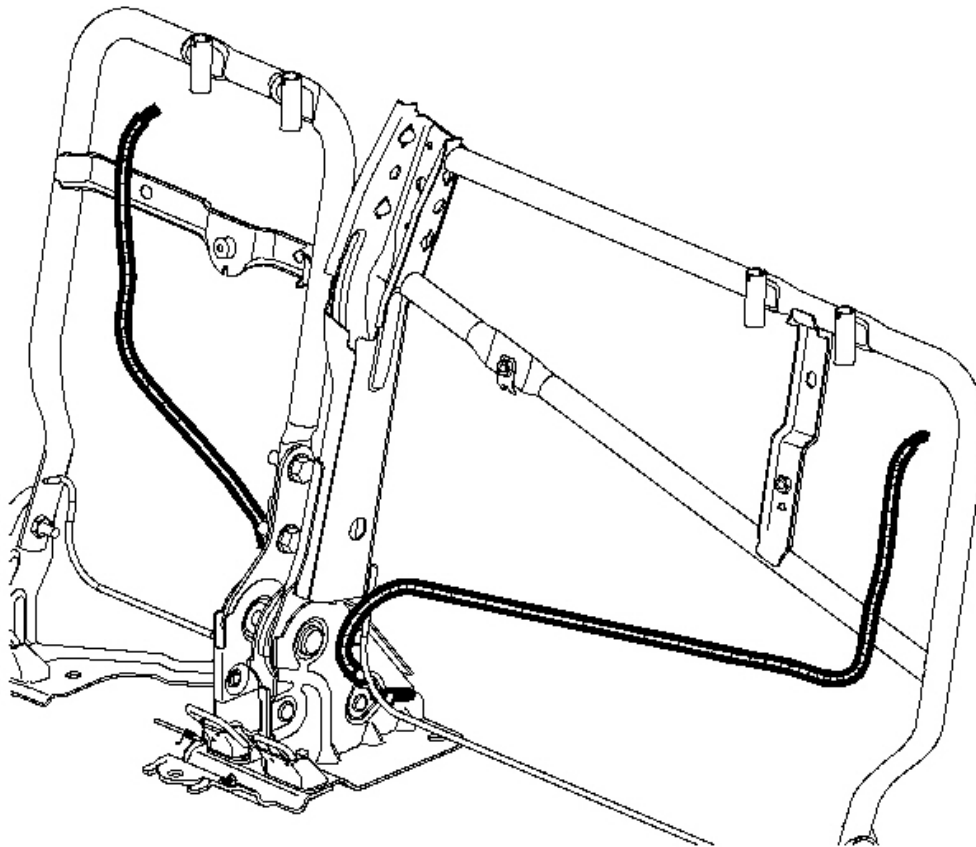


Fig. 24: Locating Cable In Seat Back Assembly
Courtesy of GENERAL MOTORS CORP.

1. Attach a mechanics wire to the new cable to guide it through the seat back.
2. If you are replacing the cable, route the cable through the rear seat back.

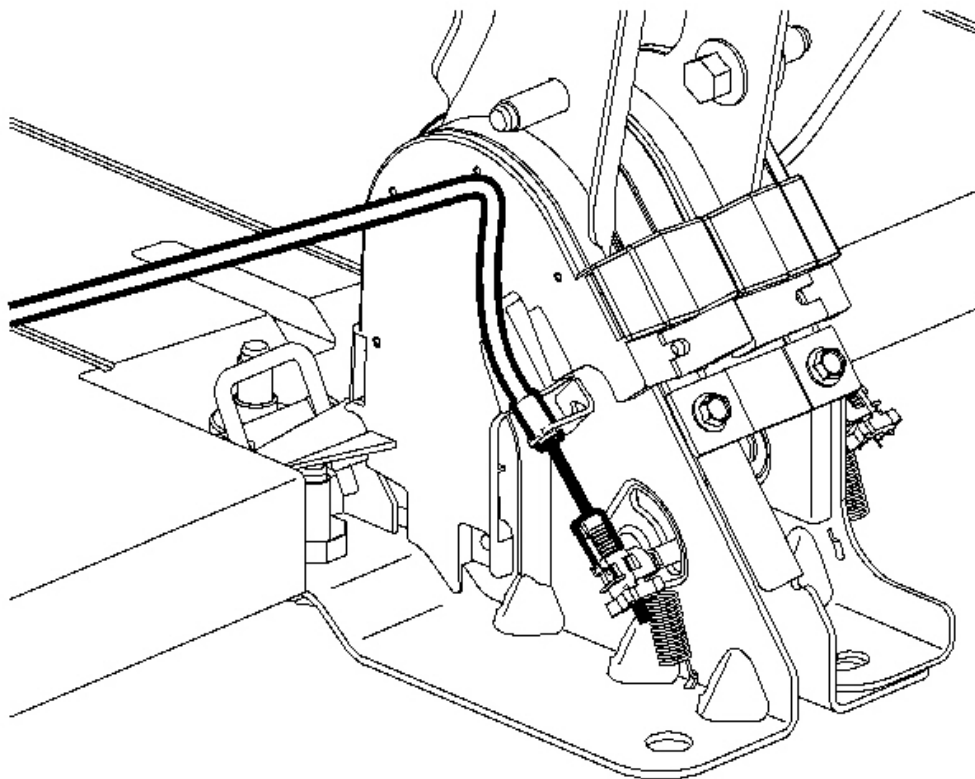


Fig. 25: Disconnecting/Connecting Seat Recliner Cable
Courtesy of GENERAL MOTORS CORP.

3. Connect the latch cable to the recliner mechanism.

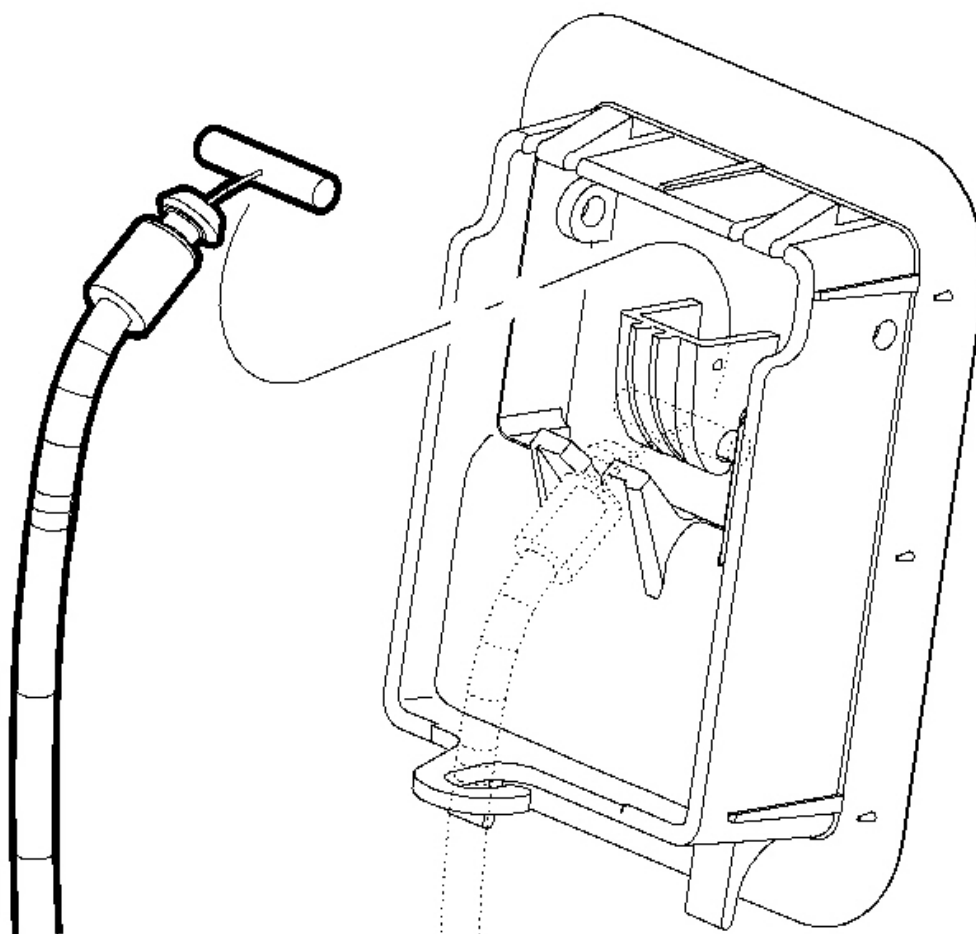


Fig. 26: View Of Seat Back Recliner Handle & Cable
Courtesy of GENERAL MOTORS CORP.

4. Connect the J-strip at the bottom of the seat cover.
5. Connect the latch cable to the latch assembly.

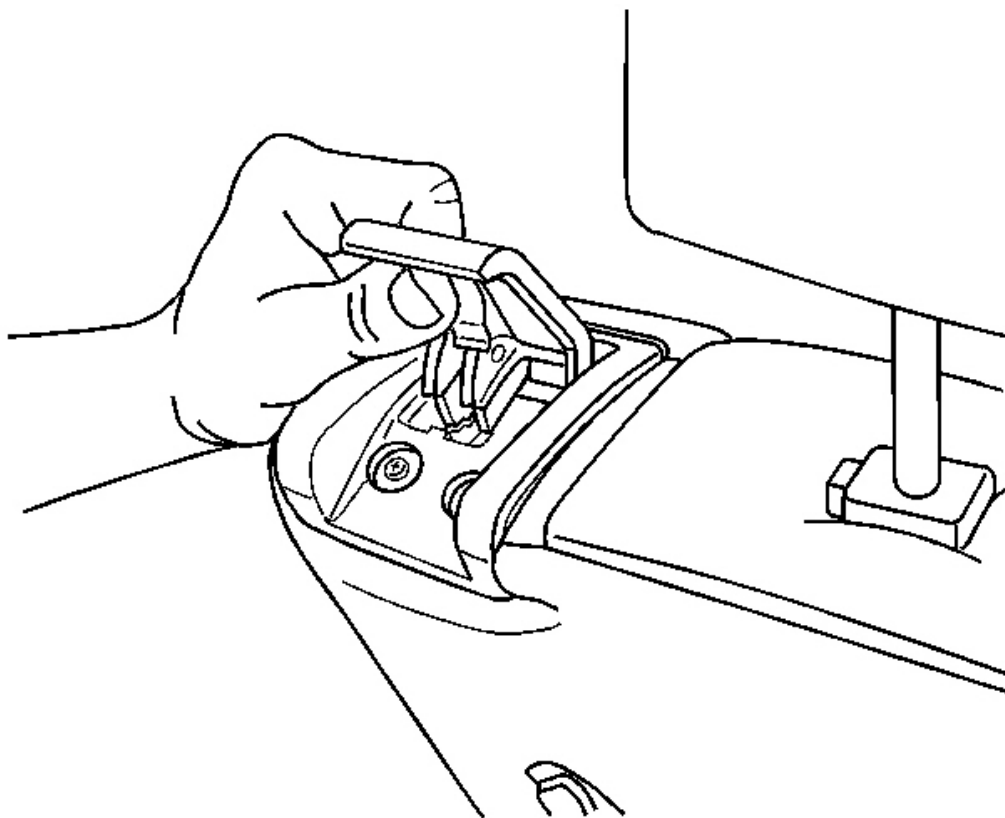


Fig. 27: Identifying Rear Seat Back Latch
Courtesy of GENERAL MOTORS CORP.

CAUTION: Refer to Fastener Caution .

6. Install the latch to the seat back with a fastener and tighten to 2.5 N.m (22 lb in).
7. Install the rear seat. Refer to Rear Seat Replacement.

CHILD SEAT BRACKET ACCESS HOLE COVER REPLACEMENT

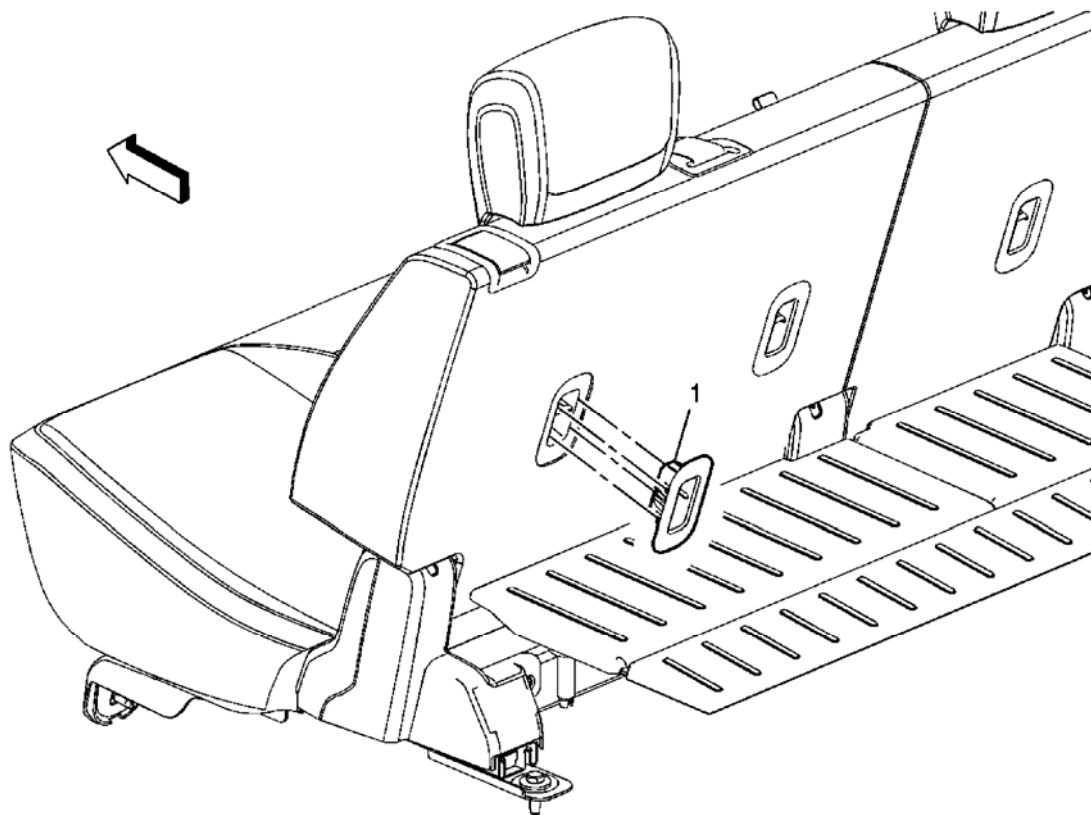


Fig. 28: Child Seat Bracket Access Hole Cover
Courtesy of GENERAL MOTORS CORP.

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 REPLACEMENT

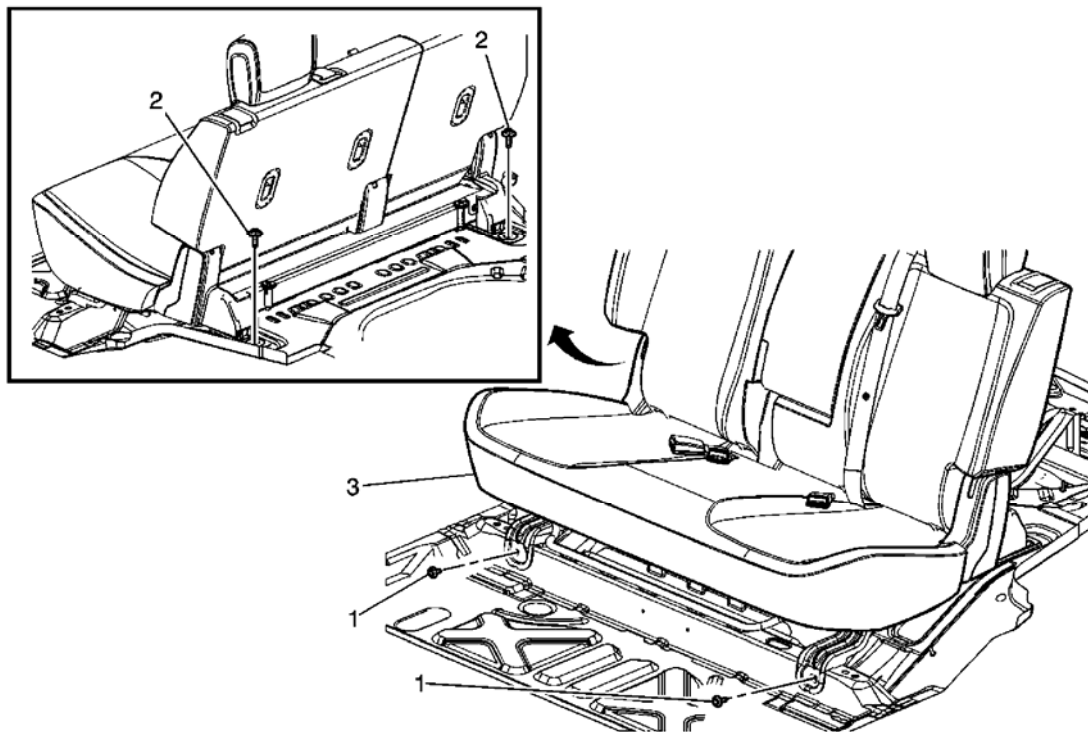


Fig. 29: Rear Seat
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedures	
1. Remove the rear seat floor filler trim panel. Refer to <u>Rear Seat Floor Filler Trim Panel Replacement</u> 2. Remove the rear seat riser finish cover. Refer to <u>Rear Seat Riser Finish Cover Replacement</u>	
1	Rear Seat Bolt (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> . Tighten: 25 N.m (18 lb ft)
2	Rear Seat Bolt (Qty: 2) Tighten: 45 N.m (33 lb ft)
3	Rear Seat Assembly Procedure: With the aid of an assistant, remove the rear seat from the vehicle.

REAR SEAT ARMREST REPLACEMENT

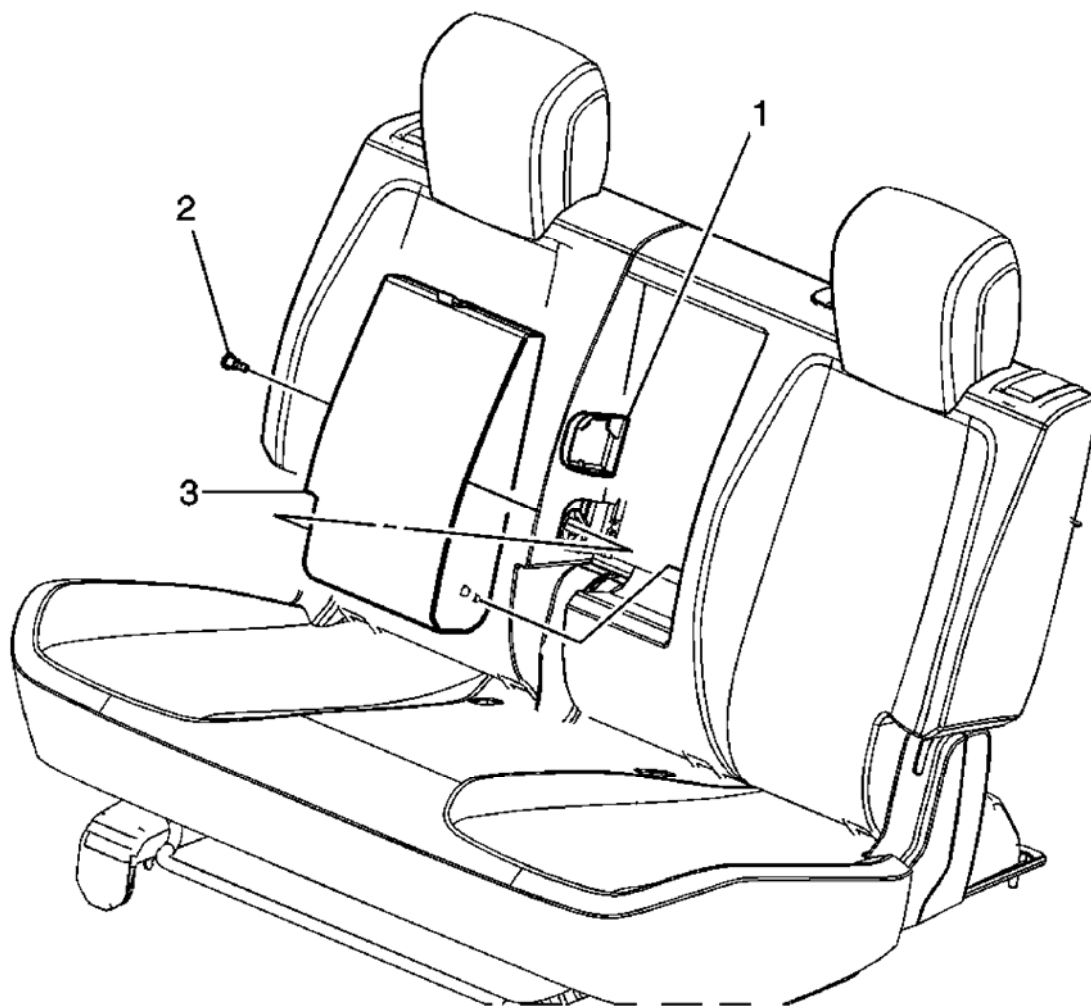


Fig. 30: Rear Seat Armrest
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Rear Seat Armrest Cover Tip: Pull up on the trim cover to gain access to the armrest bolt.
2	Rear Seat Armrest Bolt CAUTION: Refer to <u>Fastener Caution</u> . Tighten: 9 N.m (80 lb in)
3	Rear Seat Armrest Assembly

REAR SEAT ARMREST MOUNT PANEL REPLACEMENT

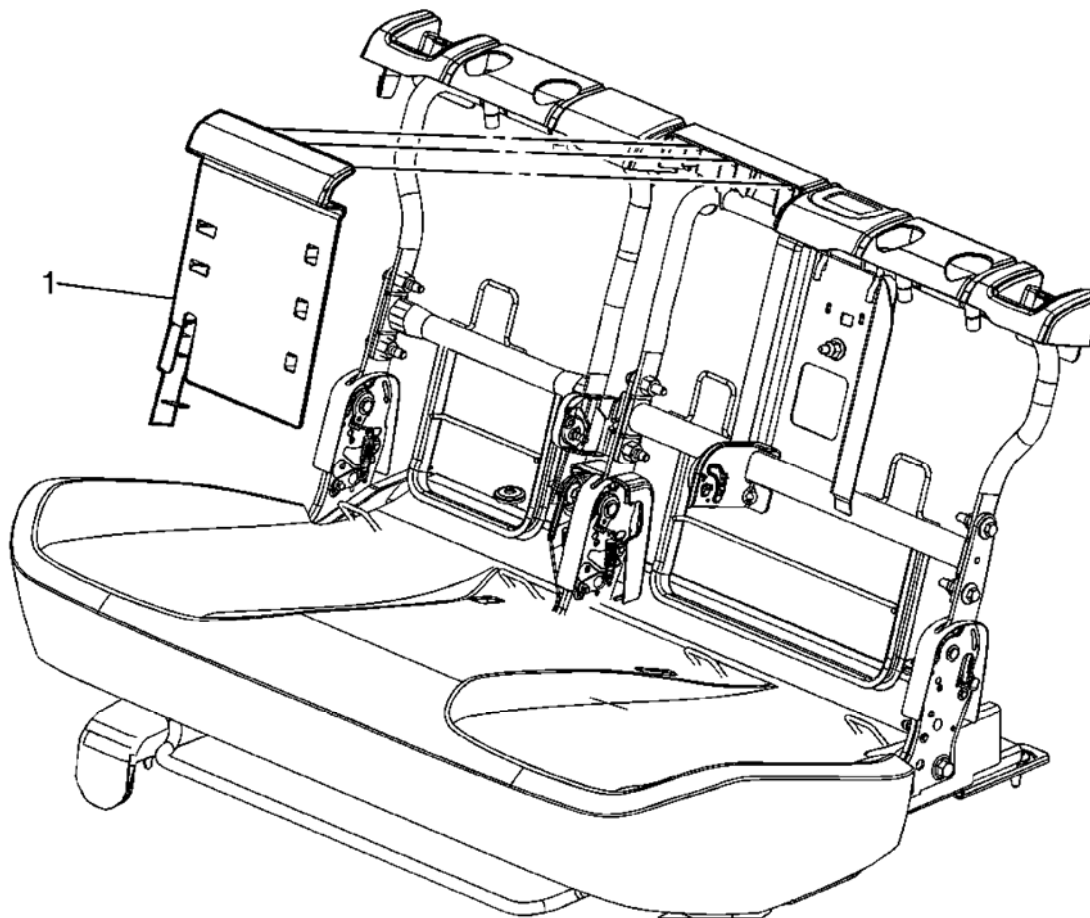


Fig. 31: Rear Seat Armrest Mount Panel
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedures	
1. Remove the rear seat armrest assembly. Refer to <u>Rear Seat Armrest Replacement</u> 2. Remove the rear seat back cushion cover and pad. Refer to <u>Rear Seat Back Cushion Cover and Pad Replacement (with 60 percent seat)</u> or <u>Rear Seat Back Cushion Cover and Pad Replacement (with 40 percent seat)</u>	
1	Rear Seat Armrest Mount Panel

REAR SEAT HEAD RESTRAINT REPLACEMENT

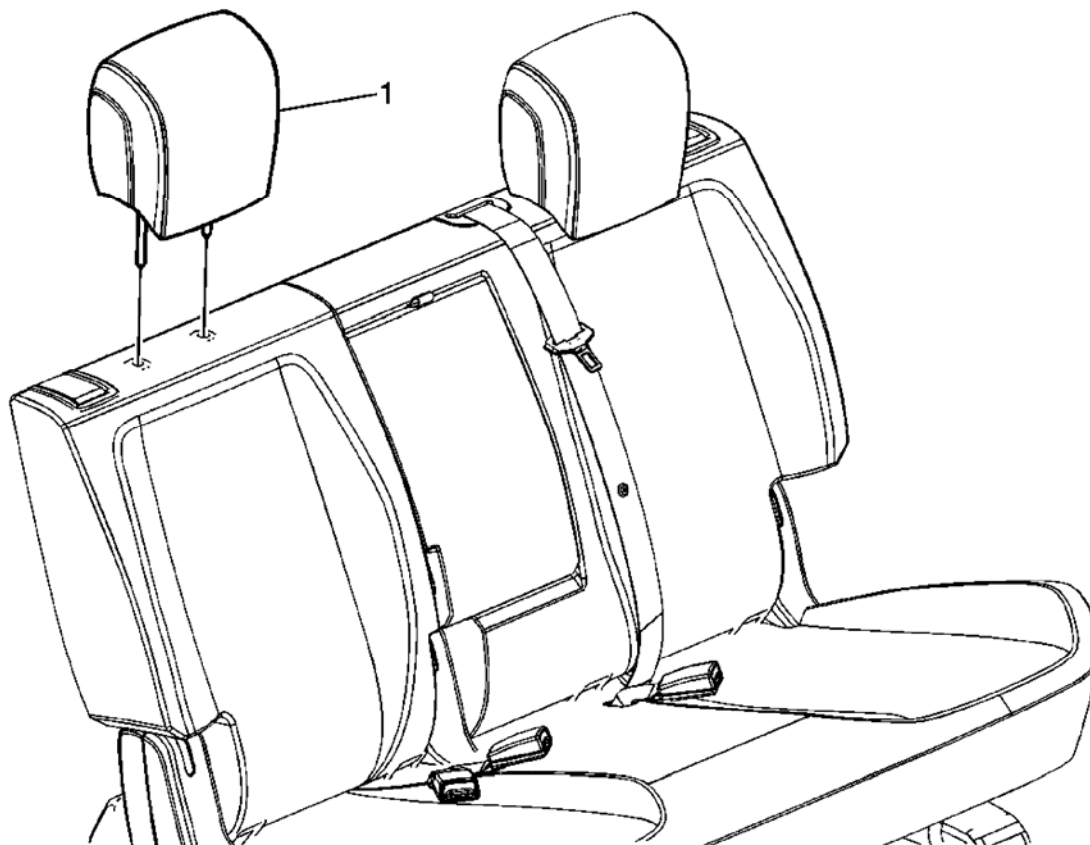


Fig. 32: Rear Seat Head Restraint
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Rear Seat Head Restraint Procedure: Insert a small diameter tools into the holes on both of the restraint guides and pull upward to remove.

REAR SEAT HEAD RESTRAINT GUIDE REPLACEMENT

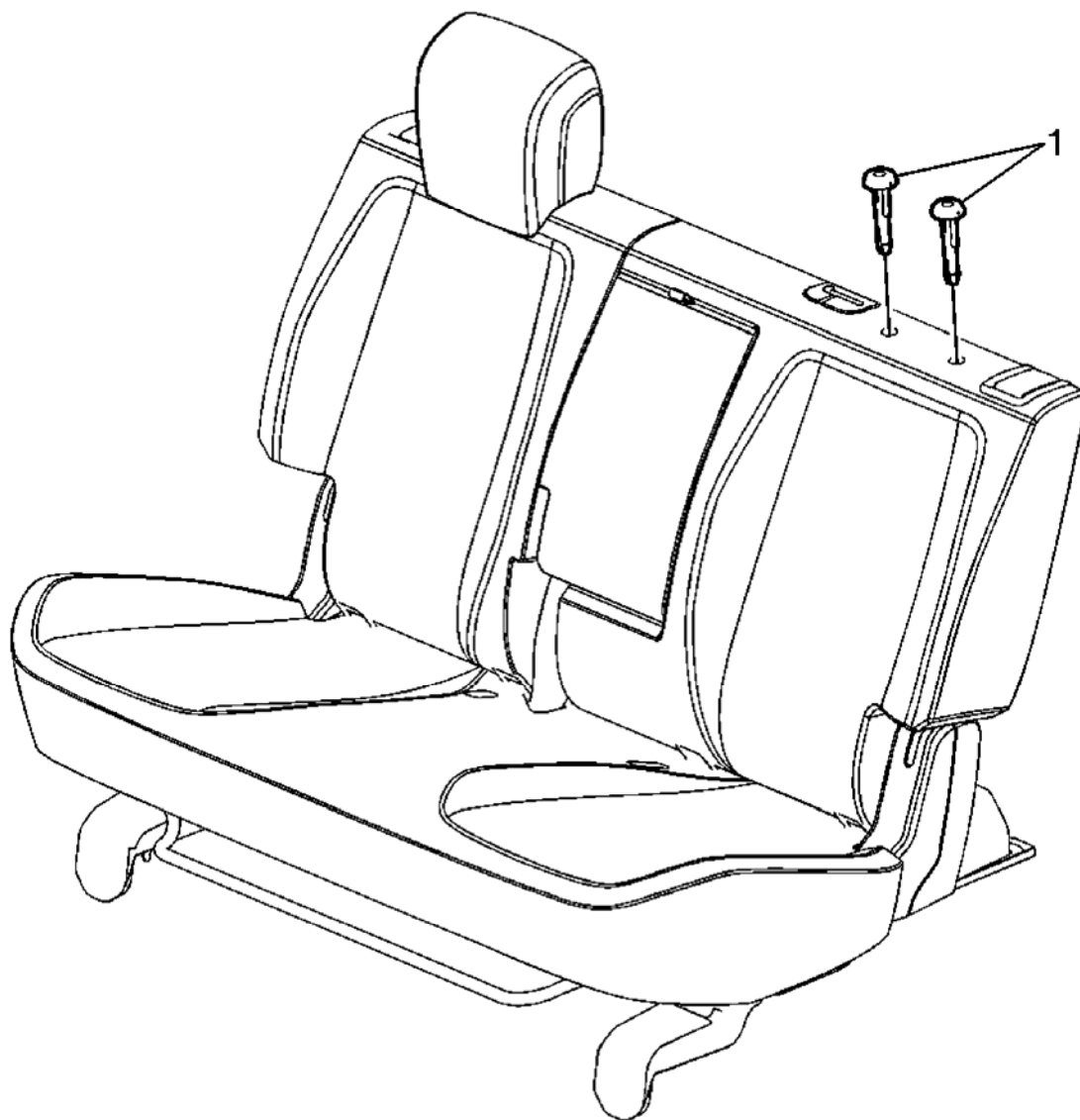


Fig. 33: Rear Seat Head Restraint Guide
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedures	
1.	Remove the rear seat head restraint. Refer to <u>Rear Seat Head Restraint Replacement.</u>
2.	Remove the rear seat back cushion cover and pad. Refer to <u>Rear Seat Back Cushion Cover and Pad Replacement (with 60 percent seat)</u> or <u>Rear Seat Back Cushion Cover and Pad Replacement (with 40 percent seat).</u>
3.	Remove the rear seat back cushion finish panel. Refer to <u>Rear Seat Back Cushion Panel Replacement (with 60 percent seat)</u> or <u>Rear Seat Back Cushion Panel Replacement (with 40 percent seat).</u>

Tip: Squeeze the bottom of the guides together and push upward to remove.

REAR SEAT ADJUSTER REPLACEMENT

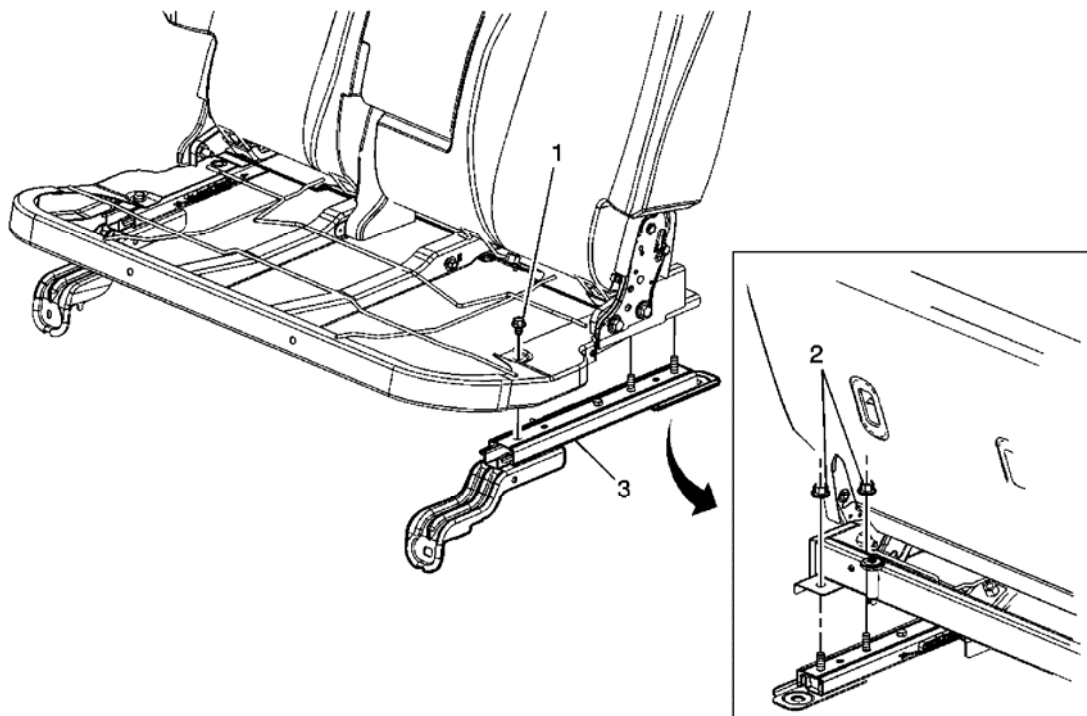


Fig. 34: Rear Seat Adjuster

Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedures	
1. Remove the rear seat assembly. Refer to <u>Rear Seat Replacement</u>	
2. Remove the rear seat recliner outer finish cover. Refer to <u>Rear Seat Recliner Outer Finish Cover Replacement</u>	
3. Remove the rear seat outer recliner rear finish cover. Refer to <u>Rear Seat Outer Recliner Rear Finish Cover Replacement</u>	
4. Remove the rear seat cushion cover and pad. Refer to <u>Rear Seat Cushion Cover and Pad Replacement</u>	
5. Remove the rear seat adjuster Handle. Refer to <u>Rear Seat Adjuster Handle Replacement</u>	
1	Rear Seat Adjuster Bolt CAUTION: Refer to <u>Fastener Caution</u> .

	Tighten: 90 N.m (66 lb ft)
2	Rear Seat Adjuster Nut (Qty: 2) Tighten: 75 N.m (55 lb ft)
3	Rear Seat Adjuster

REAR SEAT CUSHION COVER AND PAD REPLACEMENT

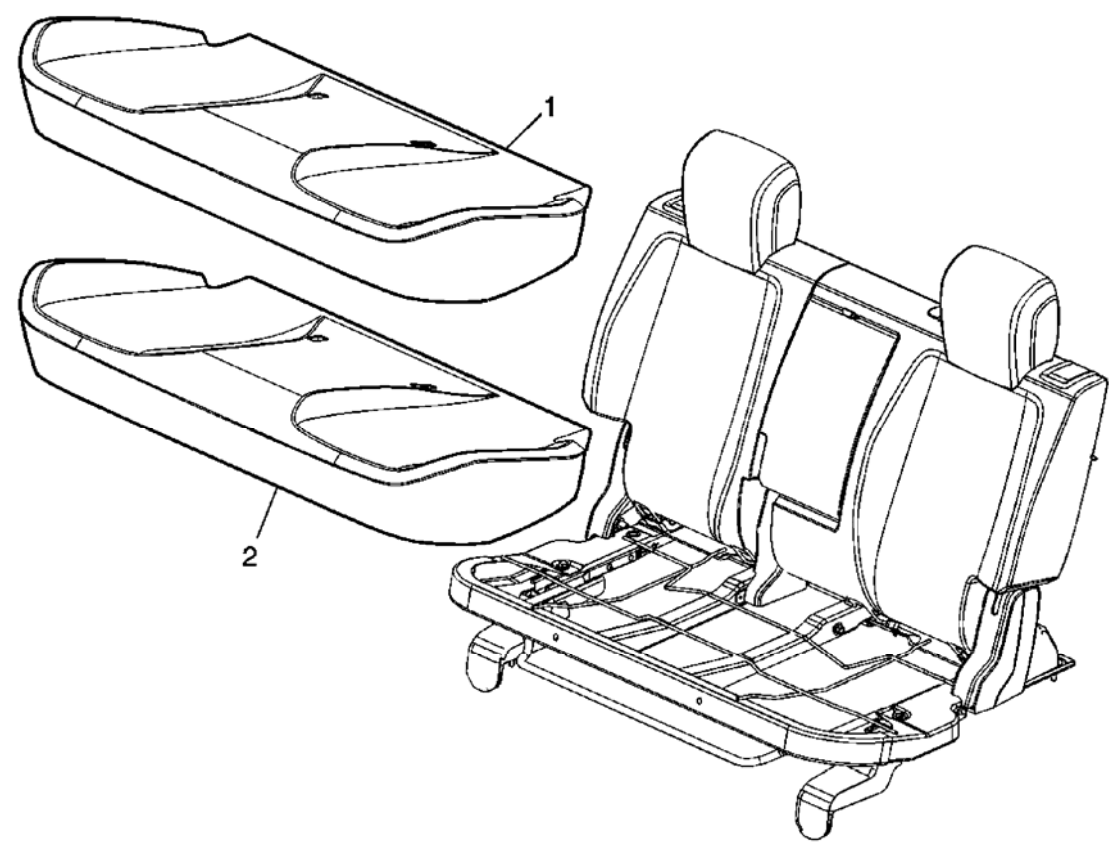


Fig. 35: Rear Seat Cushion Cover and Pad
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedures	
1.	Remove the rear seat. Refer to <u>Rear Seat Replacement</u>
2.	Remove the rear seat center seat belt anchor bolt and belt from the frame only. Refer to <u>Rear Seat Center Belt Replacement</u>
3.	Remove the rear seat recliner inner finish cover. Refer to <u>Rear Seat Recliner Inner Finish Cover Replacement</u>
4.	Remove the rear seat recliner outer finish cover. Refer to <u>Rear Seat Recliner Outer Finish Cover</u>

Replacement

- 5. Remove the rear seat outer recliner rear finish cover. Refer to **Rear Seat Outer Recliner Rear Finish Cover Replacement**
- 6. Remove the rear seat floor filler trim guides. Refer to **Rear Seat Floor Filler Trim Panel Replacement**

1	Rear Seat Cushion Cover Procedure 1. Disconnect the rear seat cushion cover j-channels and straps from the rear seat cushion frame. 2. Remove the rear seat cushion cover from the rear seat cushion frame and assembly.
2	Rear Seat Cushion Pad Procedure: Remove the rear seat cushion cover from the rear seat cushion pad to disengage retainers.

REAR SEAT CUSHION FRAME REPLACEMENT

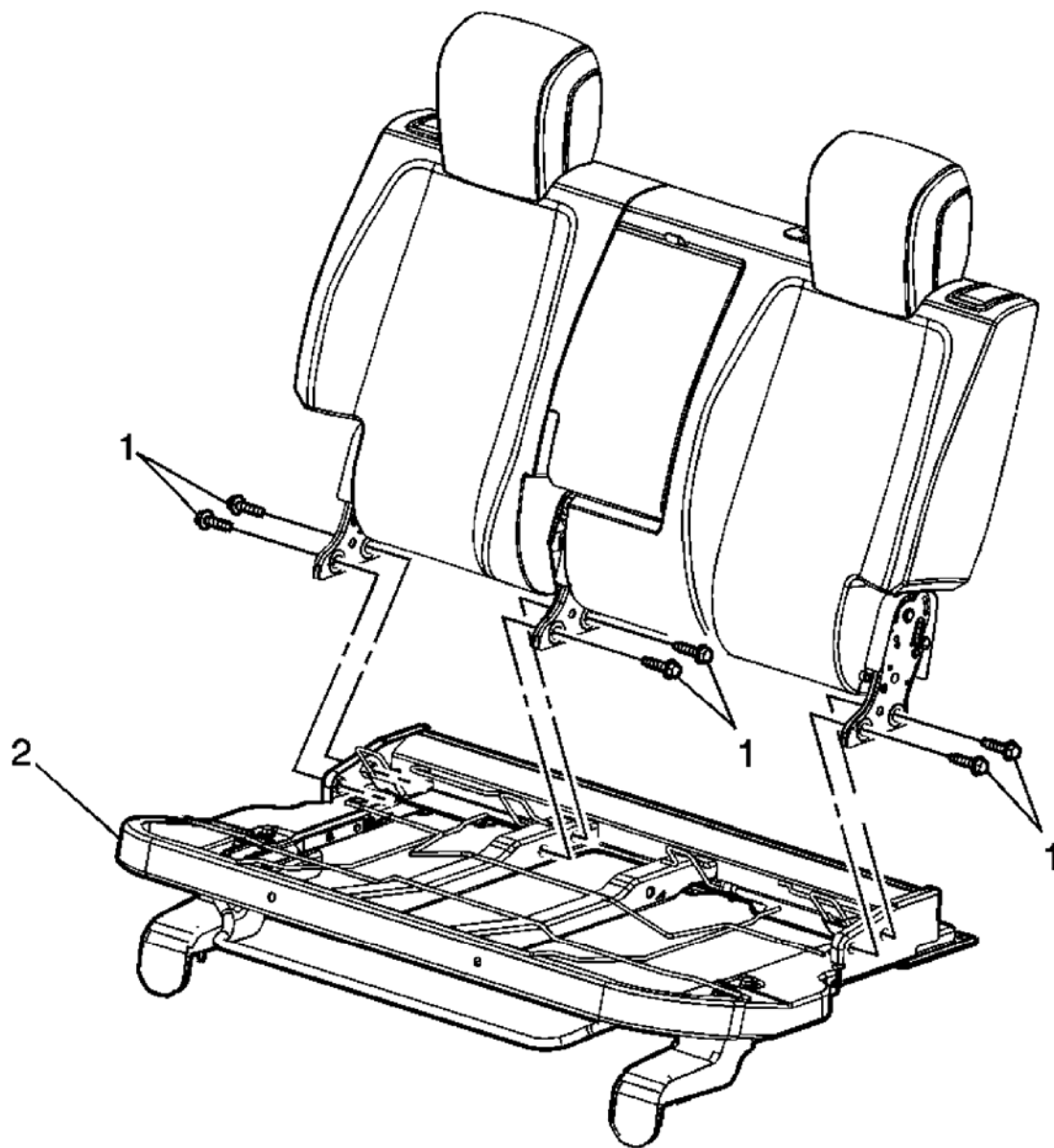


Fig. 36: Rear Seat Cushion Frame
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure	
1.	Remove the rear seat riser finish cover. Refer to <u>Rear Seat Riser Finish Cover Replacement</u>
2.	Remove the rear seat center belt anchor bolt and belt from the seat cushion frame. Refer to <u>Rear Seat Center Belt Replacement</u> .
3.	Remove the rear seat. Refer to <u>Rear Seat Replacement</u> .
4.	Remove the seat cushion cover and pad. Refer to <u>Rear Seat Cushion Cover and Pad</u>

<u>Replacement.</u>	
1	Rear Seat Cushion Frame Bolt (Qty: 6) CAUTION: Refer to <u>Fastener Caution</u> . Tighten: 50 N.m (37 lb ft)
2	Rear Seat Cushion Frame Tip: If replacing the seat cushion frame transfer components as necessary.

REAR SEAT SHOULDER BELT GUIDE OPENING BEZEL REPLACEMENT

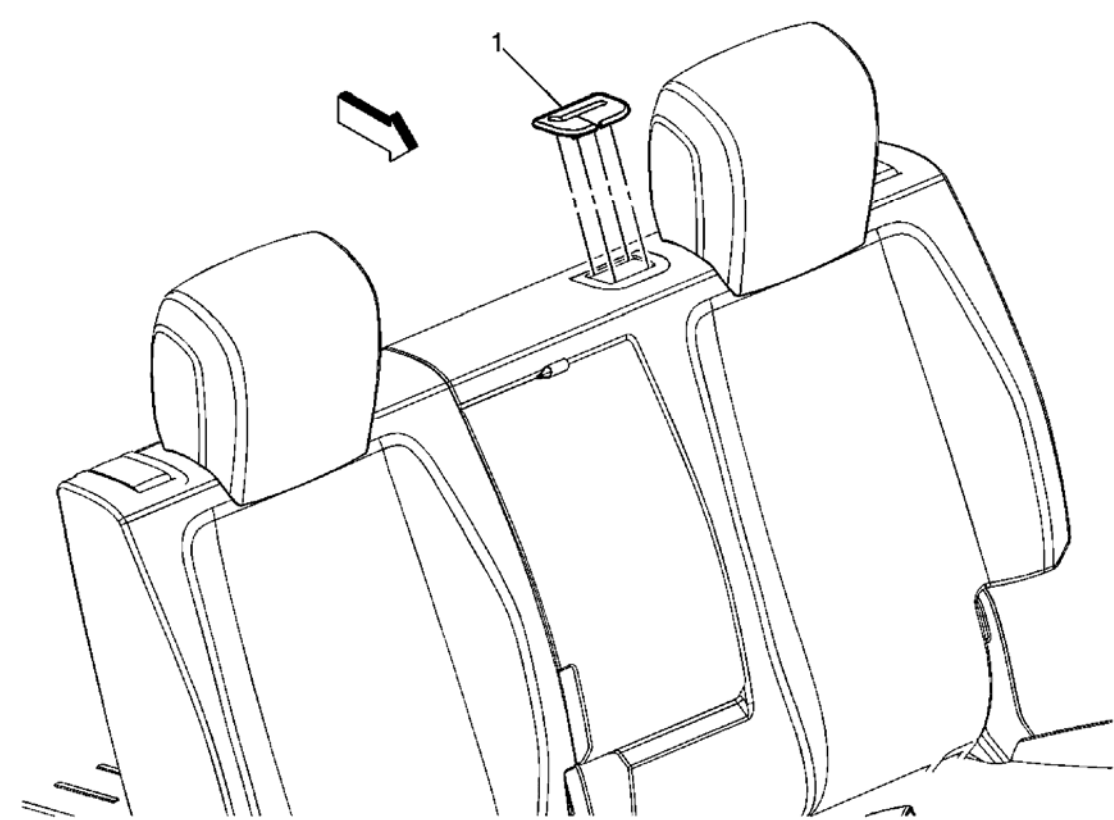


Fig. 37: Rear Seat Shoulder Belt Guide Opening Bezel
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Rear Seat Shoulder Belt Opening Bezel Procedure: Push inward and upward from the front of the bezel to release from the seat back. Tip: 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 (WITH 60 PERCENT SEAT)

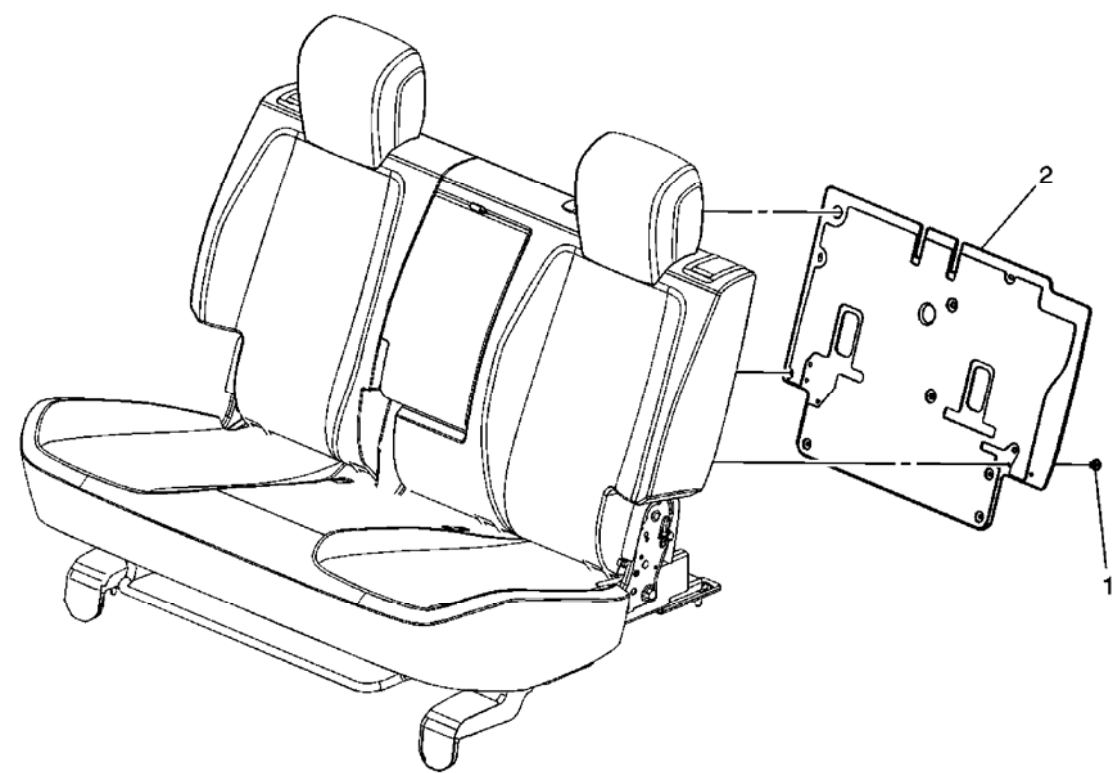


Fig. 38: Rear Seat Back Cushion Panel (With 60 Percent Seat)
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedures	
1. Remove the rear seat recliner inner finish cover. Refer to <u>Rear Seat Recliner Inner Finish Cover Replacement</u>	
2. Remove the rear seat recliner outer finish cover. Refer to <u>Rear Seat Recliner Outer Finish Cover Replacement</u>	
3. Remove the rear seat outer recliner rear finish cover. Refer to <u>Rear Seat Outer Recliner Rear Finish Cover Replacement</u>	
1	Rear Seat Back Cushion Trim Panel Fastener (Qty: 7) Procedure: Disengage the j-channel, then unzip the seat cover and reposition it to gain access to the panel and fasteners.
2	Rear Seat Back Cushion Trim Panel

REAR SEAT BACK CUSHION PANEL REPLACEMENT (WITH 40 PERCENT SEAT)

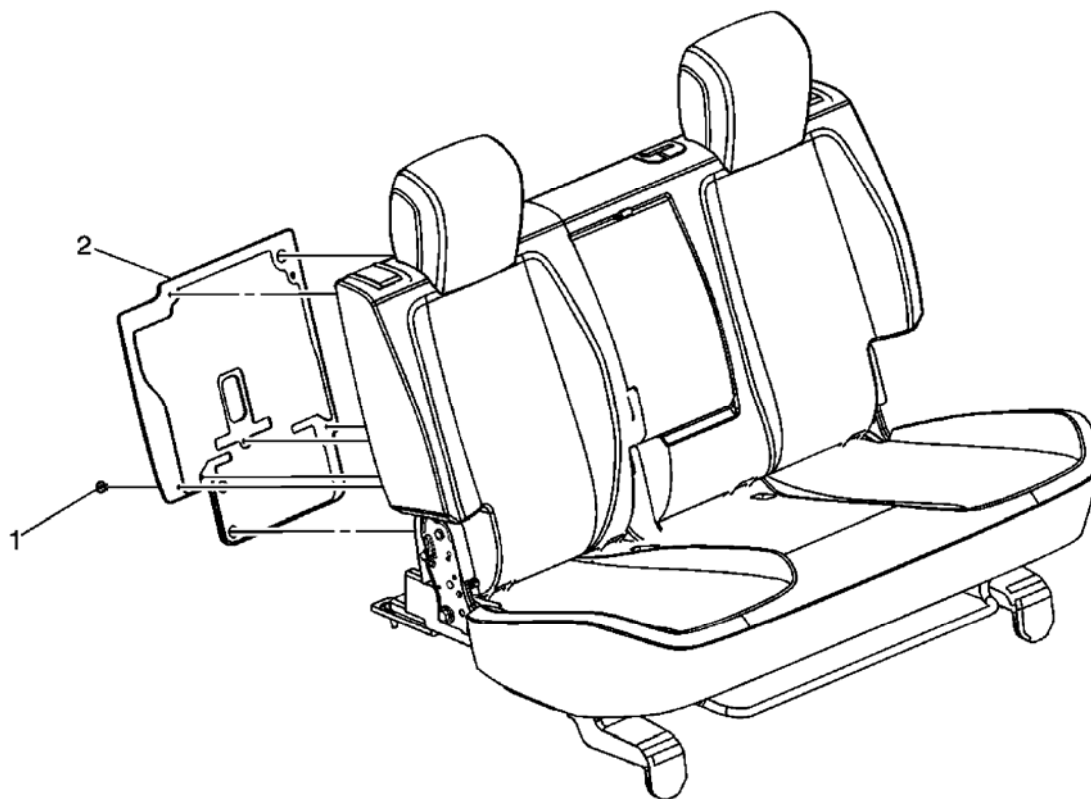


Fig. 39: Rear Seat Back Cushion Panel (With 40 Percent Seat)
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedures	
1. Remove the rear seat recliner inner finish cover. Refer to <u>Rear Seat Recliner Inner Finish Cover Replacement</u> 2. Remove the rear seat recliner outer finish cover. Refer to <u>Rear Seat Recliner Outer Finish Cover Replacement</u> 3. Remove the rear seat outer recliner rear finish cover. Refer to <u>Rear Seat Outer Recliner Rear Finish Cover Replacement</u>	
1	Rear Seat Back Cushion Trim Panel Fastener (Qty: 7) Procedure: Disengage the j-channel, then unzip the seat cover and reposition it to gain access to the panel and fasteners.
2	Rear Seat Back Cushion Trim Panel

REAR SEAT BACK CUSHION COVER AND PAD REPLACEMENT (WITH 60 PERCENT SEAT)

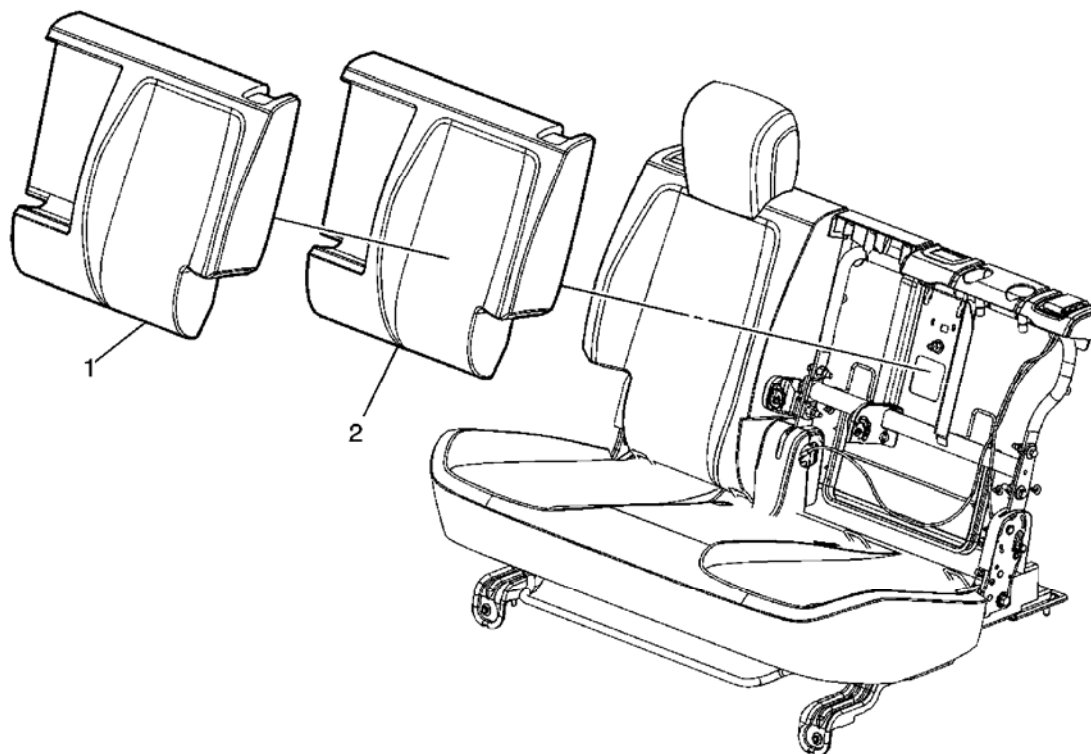


Fig. 40: Rear Seat Back Cushion Cover and Pad (With 60 Percent Seat)
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedures	
1.	Remove the rear seat assembly. Refer to <u>Rear Seat Replacement</u> .
2.	Remove the rear seat recliner outer finish cover. Refer to <u>Rear Seat Recliner Outer Finish Cover Replacement</u> .
3.	Remove the rear seat outer recliner rear finish cover. Refer to <u>Rear Seat Outer Recliner Rear Finish Cover Replacement</u> .
4.	Remove the rear seat back cushion latch handle. Refer to <u>Rear Seat Back Cushion Latch Release Handle Replacement</u> .
5.	Remove the rear seat head restraint. Refer to <u>Rear Seat Head Restraint Replacement</u> .
6.	Remove the rear seat back cushion panel. Refer to <u>Rear Seat Back Cushion Panel Replacement (with 60 percent seat)</u> or <u>Rear Seat Back Cushion Panel Replacement (with 40 percent seat)</u> .
7.	Remove the rear seat head restraint guide. Refer to <u>Rear Seat Head Restraint Guide Replacement</u> .
8.	Remove the rear seat shoulder belt guide. Refer to <u>Rear Seat Shoulder Belt Guide Opening Bezel Replacement</u> .
9.	Remove the rear seat armrest. Refer to <u>Rear Seat Armrest Replacement</u> .
	Rear Seat Back Cushion Cover

	Procedure
1	1. Remove the rear seat center belt anchor bolt. Refer to <u>Rear Seat Center Belt Replacement</u> 2. Release the seat back cover by disengaging the bottom J-strip. 3. Unzip the cover, the zipper is located on the armrest side of the cover. 4. Lift the seat back trim cover off of the rear seat back frame. 5. Feed the seat belt webbing and the escutcheon through the trim cover.
2	Rear Seat Back Cushion Pad

REAR SEAT BACK CUSHION COVER AND PAD REPLACEMENT (WITH 40 PERCENT SEAT)

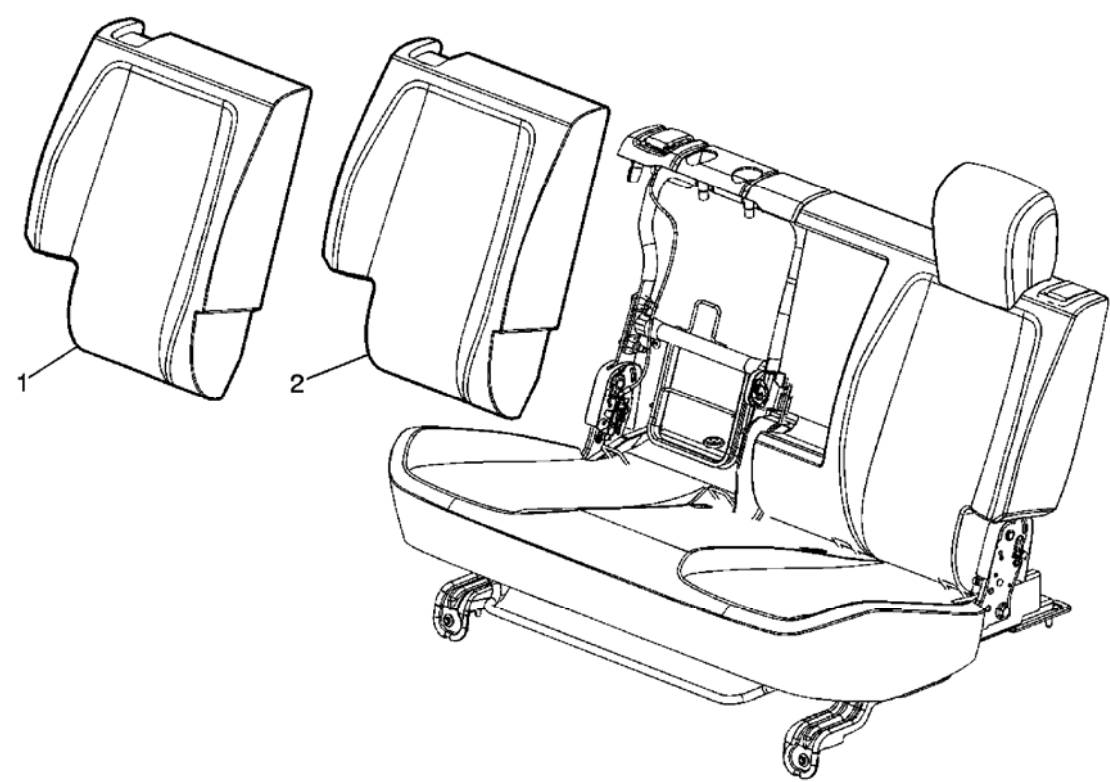


Fig. 41: Rear Seat Back Cushion Cover and Pad (With 40 Percent Seat)
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedures	
1. Remove the rear seat assembly. Refer to <u>Rear Seat Replacement</u> 2. Remove the rear seat back cushion panel. Refer to <u>Rear Seat Back Cushion Panel Replacement (with 60 percent seat)</u> or <u>Rear Seat Back Cushion Panel Replacement (with 40 percent seat)</u>	

3. Remove the rear seat recliner outer finish cover. Refer to <u>Rear Seat Recliner Outer Finish Cover Replacement</u> 4. Remove the rear seat outer recliner rear finish cover. Refer to <u>Rear Seat Outer Recliner Rear Finish Cover Replacement</u> 5. Remove the rear seat back cushion latch handle. Refer to <u>Rear Seat Back Cushion Latch Release Handle Replacement</u> 6. Remove the rear seat head restraint. Refer to <u>Rear Seat Head Restraint Replacement</u> 7. Remove the rear seat head restraint guide. Refer to <u>Rear Seat Head Restraint Guide Replacement</u>	
1	Rear Seat Back Cushion Cover Procedure 1. Release the seat back cover by disengaging the bottom J-strip. 2. Lift the seat back trim cover off of the rear seat back frame.
2	Rear Seat Back Cushion Pad

REAR SEAT BACK CUSHION FRAME REPLACEMENT (WITH 60 PERCENT SEAT)

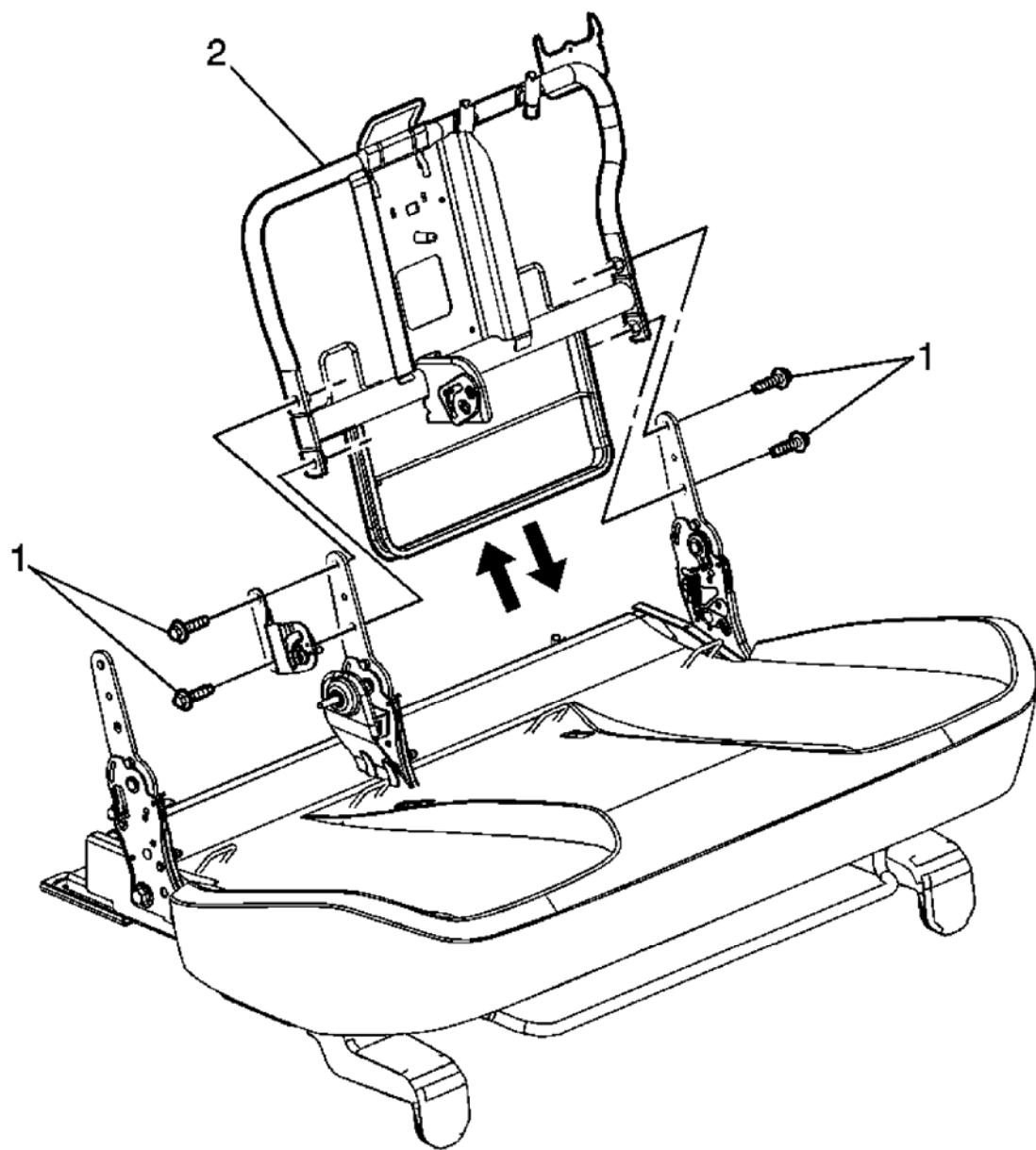


Fig. 42: Rear Seat Back Cushion Frame (With 60 Percent Seat)
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedures	
1.	Remove the rear seat. Refer to <u>Rear Seat Replacement</u> .
2.	Remove the rear seat recliner inner finish cover. Refer to <u>Rear Seat Recliner Inner Finish Cover Replacement</u>
3.	Remove the rear seat recliner outer finish cover. Refer to <u>Rear Seat Recliner Outer Finish Cover</u>

Replacement

- 4. Remove the rear seat outer recliner rear finish cover. Refer to **Rear Seat Outer Recliner Rear Finish Cover Replacement**
- 5. Remove the rear seat center belt. Refer to **Rear Seat Center Belt Replacement** .
- 6. Remove the rear seat back cushion latch cable. Refer to **Rear Seat Back Cushion Latch Cable Replacement**.
- 7. Remove the rear seat back cover and pad. Refer to **Rear Seat Back Cushion Cover and Pad Replacement (with 60 percent seat)** or **Rear Seat Back Cushion Cover and Pad Replacement (with 40 percent seat)**.

1	Rear Seat Back Recliner Bolt (Qty: 4) CAUTION: Refer to <u>Fastener Caution</u> . Tighten: 50 N.m (37 lb ft)
2	Rear Seat Back Cushion Frame Assembly Procedure 1. Remove the rear seat center retractor. Refer to <u>Rear Seat Center Belt Replacement</u> . 2. Disconnect the seat recliner cable from the recliner mechanism on the seat back.

REAR SEAT BACK CUSHION FRAME REPLACEMENT (WITH 40 PERCENT SEAT)

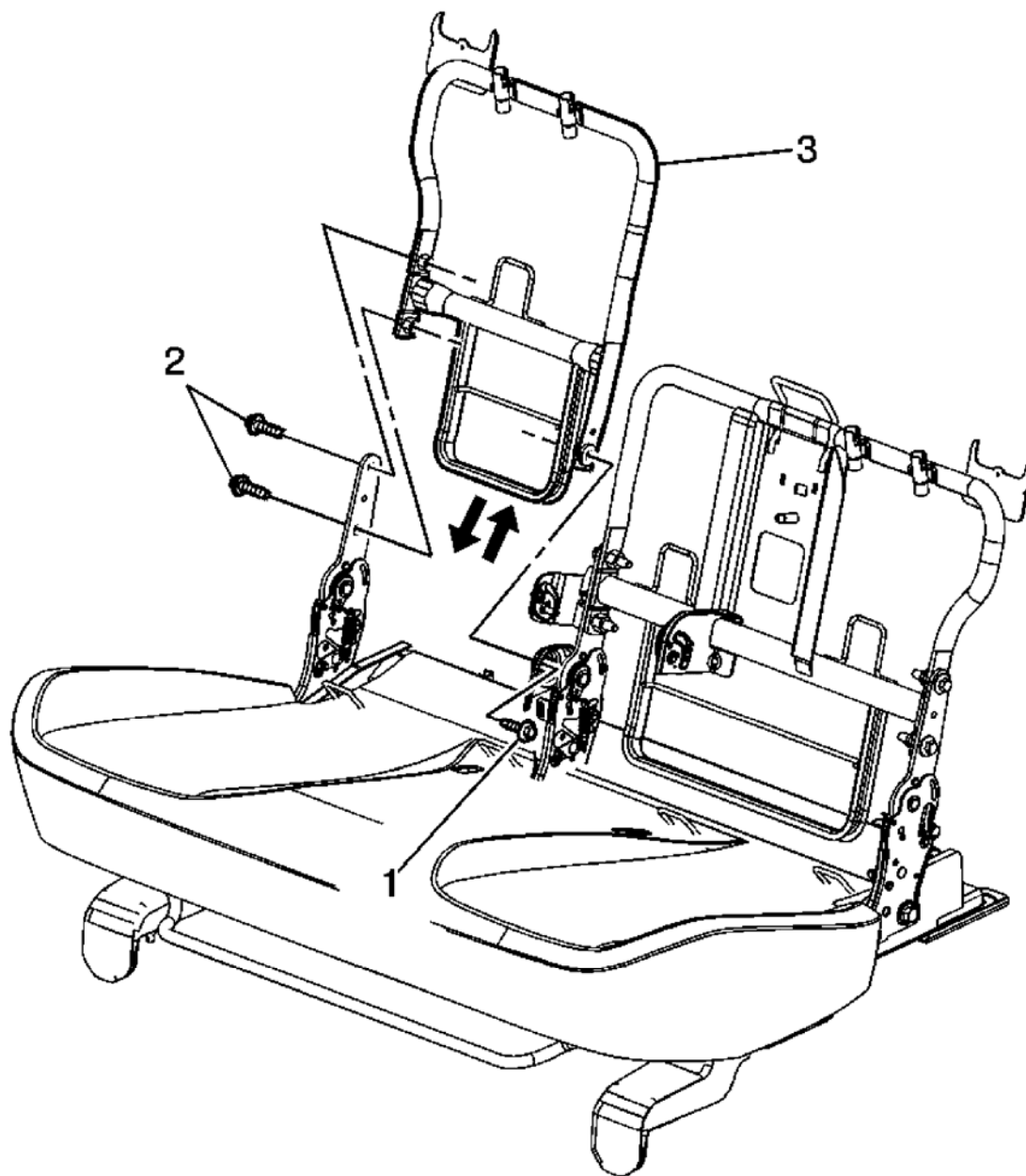


Fig. 43: Rear Seat Back Cushion Frame (with 40 Percent Seat)
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedures	
1.	Remove the rear seat. Refer to <u>Rear Seat Replacement</u> .
2.	Remove the rear seat recliner inner finish cover. Refer to <u>Rear Seat Recliner Inner Finish Cover Replacement</u> .
3.	Remove the rear seat recliner outer finish cover. Refer to <u>Rear Seat Recliner Outer Finish Cover</u>

Replacement.

4. Remove the rear seat outer recliner rear finish cover. Refer to **Rear Seat Outer Recliner Rear Finish Cover Replacement.**
5. Remove the rear seat back cushion latch cable. Refer to **Rear Seat Back Cushion Latch Cable Replacement.**
6. Remove the rear seat back cover and pad. Refer to **Rear Seat Back Cushion Cover and Pad Replacement (with 60 percent seat)** or **Rear Seat Back Cushion Cover and Pad Replacement (with 40 percent seat).**

1	Rear Seat Back Cushion Pivot Bracket Bolt CAUTION: Refer to <u>Fastener Caution</u> . Tighten: 45 N.m (33 lb ft)
2	Rear Seat Back Recliner Bolt (Qty: 2) Tighten: 50 N.m (37 lb ft)
3	Rear Seat Back Cushion Frame Assembly Procedure: Disconnect the seat recliner cable from the recliner mechanism on the seat back.

REAR SEAT ADJUSTER HANDLE REPLACEMENT

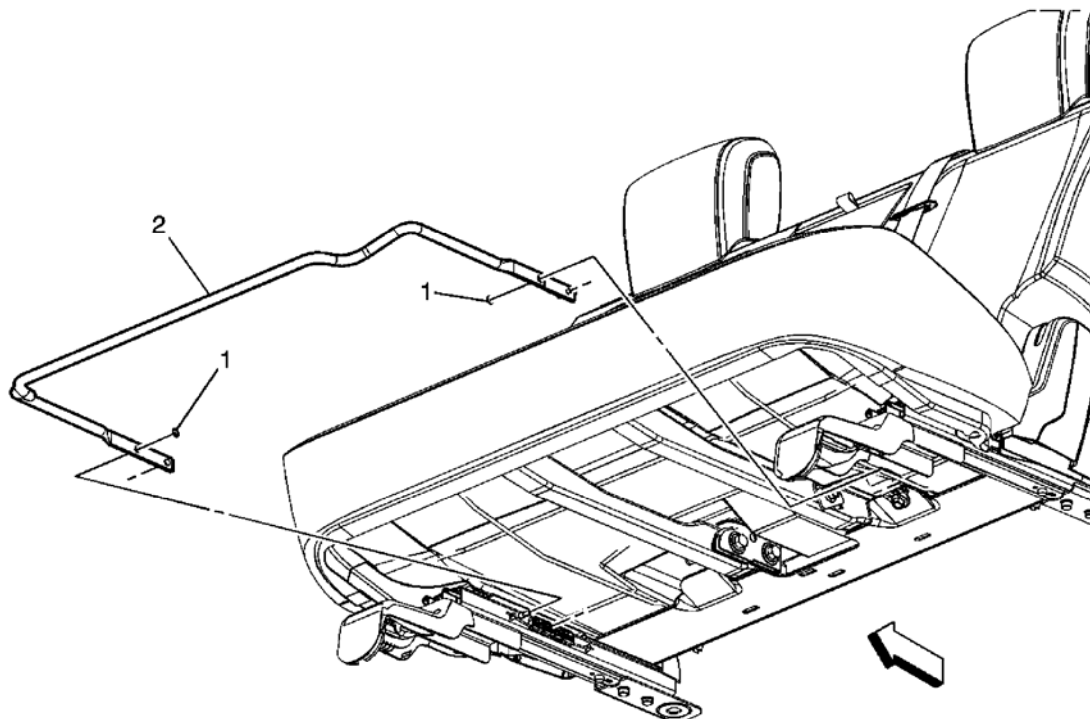


Fig. 44: Rear Seat Adjuster Handle
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: Remove the rear seat. Refer to Rear Seat Replacement	
1	Rear Seat Adjuster Handle Fastener
2	Rear Seat Adjuster Handle

REAR SEAT BACK CUSHION LATCH RELEASE HANDLE REPLACEMENT

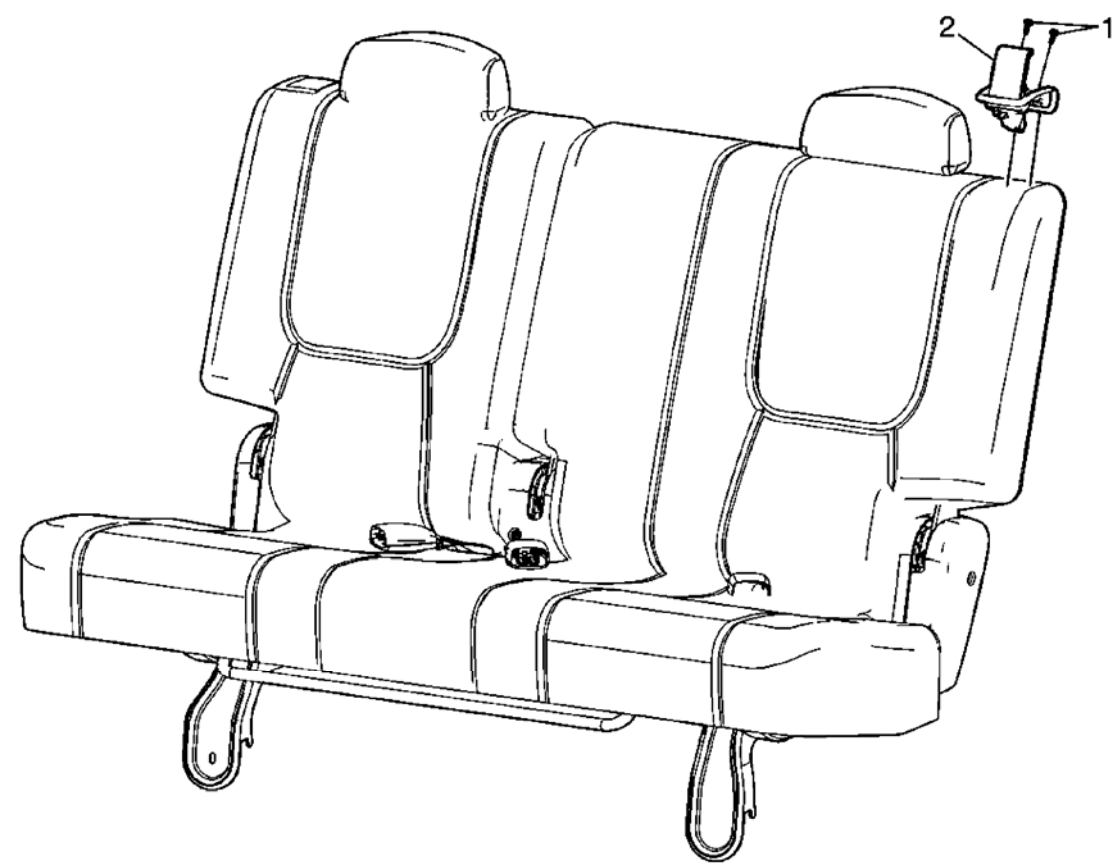


Fig. 45: Rear Seat Back Cushion Latch Release Handle
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Rear Seat Back Cushion Latch Release Handle Screw (Qty: 2) CAUTION: Refer to Fastener Caution .

	Tip: Lift up the handle to access the screws. Tighten: 2.5 N.m (22 lb ft)
2	Rear Seat Back Cushion Latch Release Handle Tip: Disconnect the latch release cable from the handle.

REAR SEAT RECLINER INNER FINISH COVER REPLACEMENT

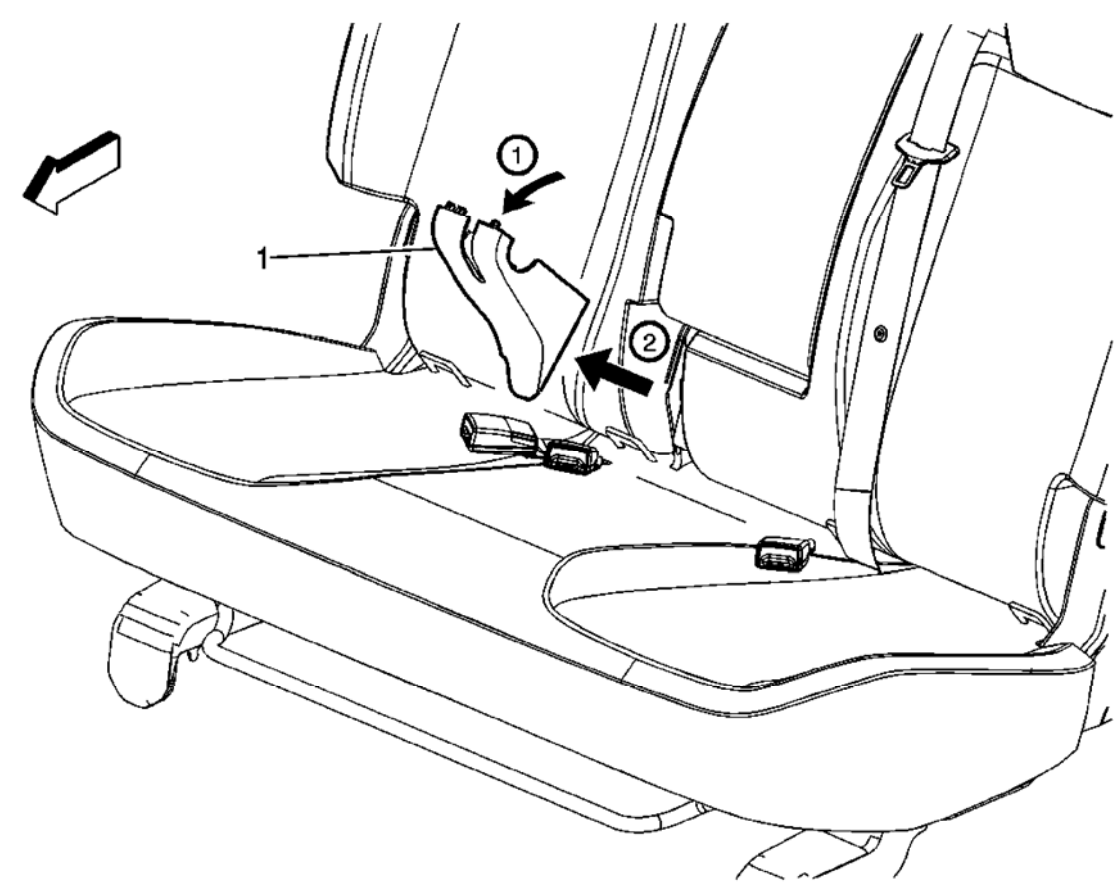


Fig. 46: Rear Seat Recliner Inner Finish Cover
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Rear Seat Recliner Inner Finish Cover Procedure 1. Tilt and pull forward at the top of the finish cover to release the clip retainer. 2. Then gently slide the cover forward and up to remove it from the seat cushions.

REAR SEAT RECLINER OUTER FINISH COVER REPLACEMENT

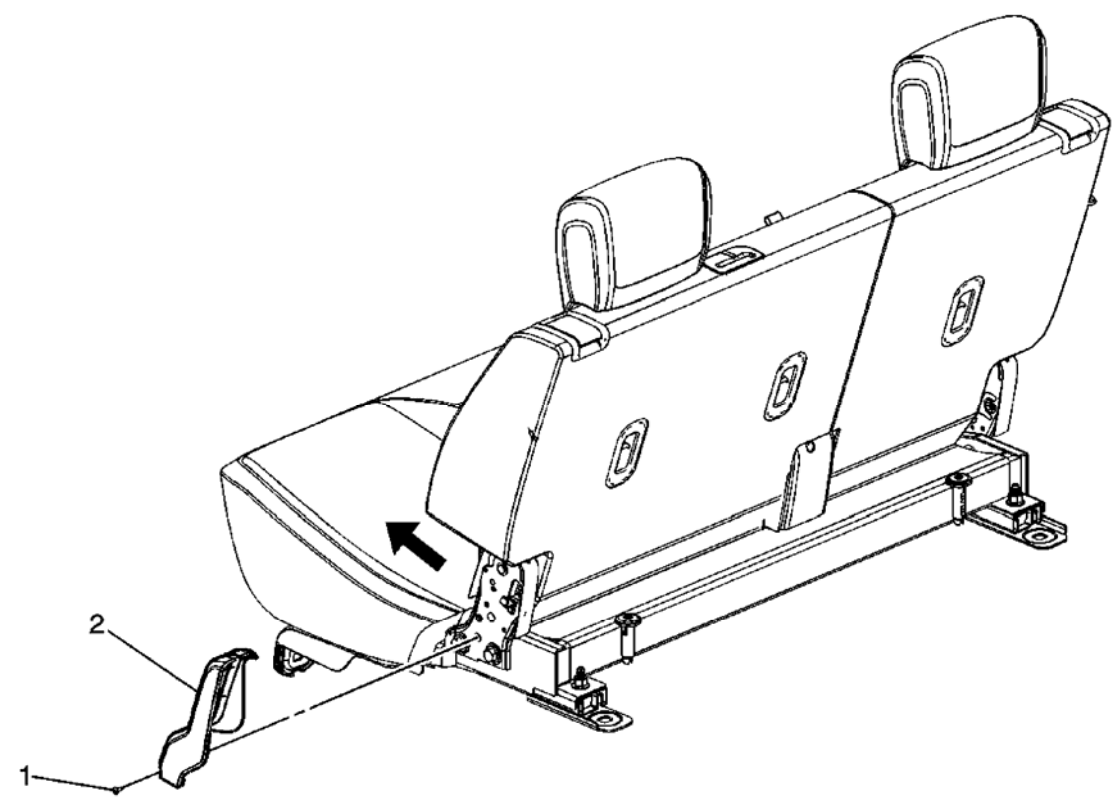


Fig. 47: Rear Seat Recliner Outer Finish Cover
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: Remove the rear seat outer recliner rear finish cover. Refer to <u>Rear Seat Outer Recliner Rear Finish Cover Replacement</u>	
1	Rear Seat Recliner Outer Finish Cover Fastener
2	Rear Seat Recliner Outer Finish Cover
Procedure: Slide cover forward and then outboard to disengage retainers.	

REAR SEAT OUTER RECLINER REAR FINISH COVER REPLACEMENT

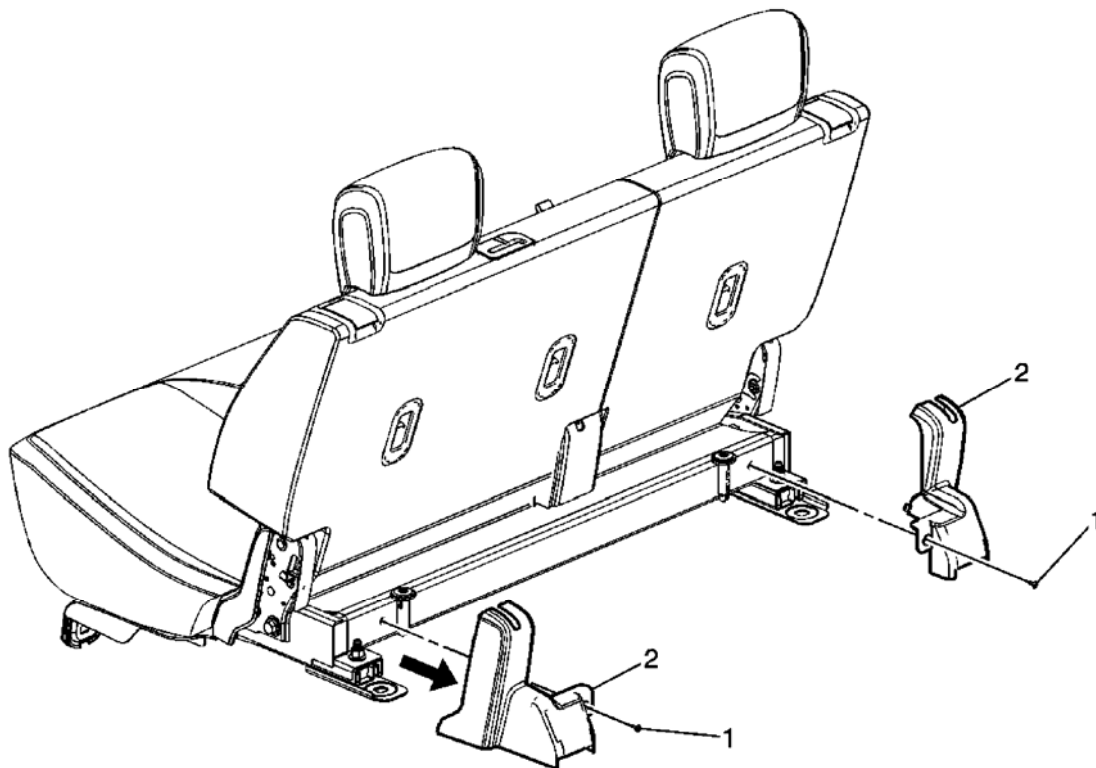


Fig. 48: Rear Seat Outer Recliner Rear Finish Cover
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Rear Seat Outer Recliner Rear Finish Cover Fastener
2	Rear Seat Outer Recliner Rear Finish Cover Procedure: Slide cover rearward to disengage retainers.

REAR SEAT RECLINER REPLACEMENT (WITH 60 PERCENT SEAT)

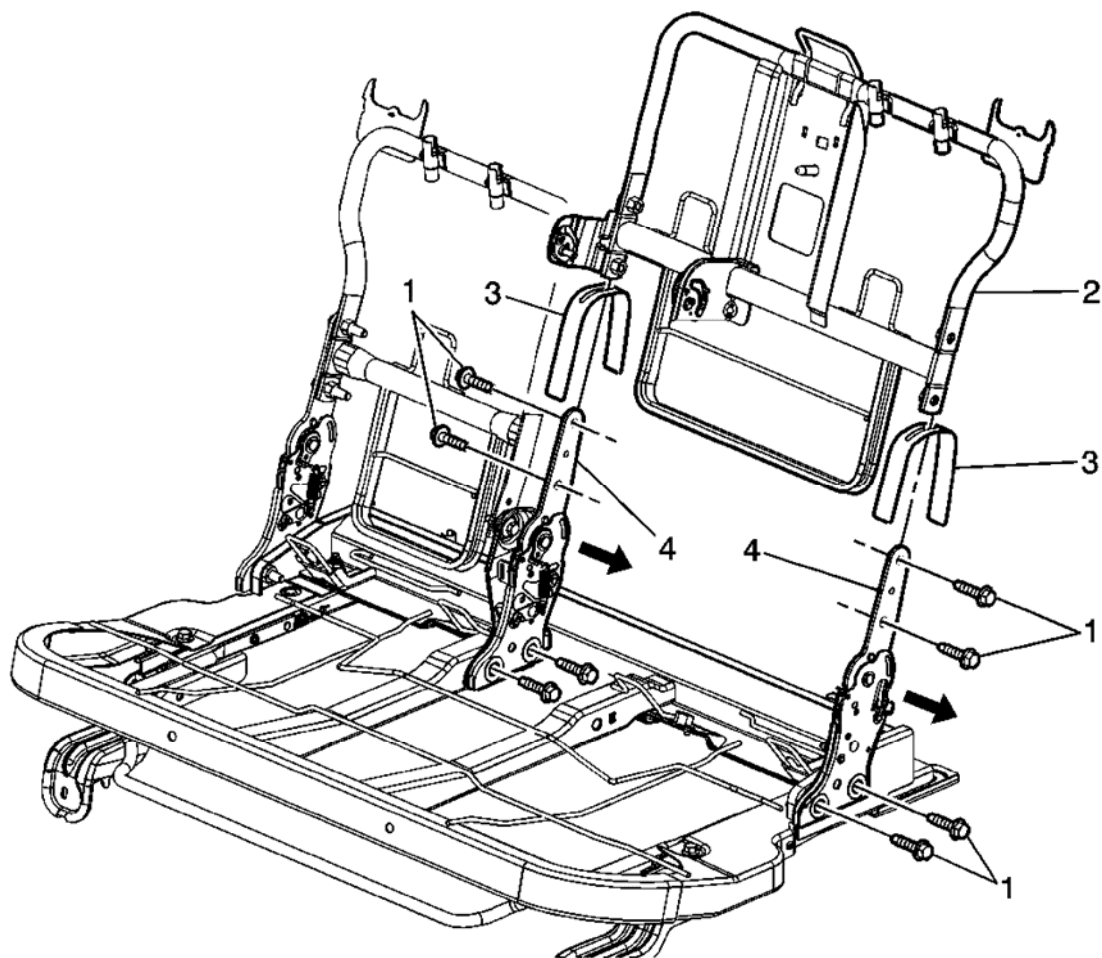


Fig. 49: Rear Seat Recliner (with 60 Percent Seat)
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure	
1.	Remove the rear seat. Refer to <u>Rear Seat Replacement</u> .
2.	Remove the rear seat recliner inner finish cover. Refer to <u>Rear Seat Recliner Inner Finish Cover Replacement</u>
3.	Remove the rear seat recliner outer finish cover. Refer to <u>Rear Seat Recliner Outer Finish Cover Replacement</u>
4.	Remove the rear seat outer recliner rear finish cover. Refer to <u>Rear Seat Outer Recliner Rear Finish Cover Replacement</u>
5.	Remove the seat back cover and pad. Refer to <u>Rear Seat Back Cushion Cover and Pad Replacement (with 60 percent seat)</u> or <u>Rear Seat Back Cushion Cover and Pad Replacement (with 40 percent seat)</u> .
	Rear Seat Back Cushion Frame Bolt (Qty: 8)

1	CAUTION: Refer to <u>Fastener Caution</u> . Tighten: 50 N.m (37 lb ft)
2	Rear Seat Back Cushion Frame Assembly
3	Rear Recliner Finish Cover
4	Rear Seat Recliner Assembly Tip: Disconnect the seat recliner cable from the recliner mechanism on the seat back.

REAR SEAT RECLINER REPLACEMENT (WITH 40 PERCENT SEAT)

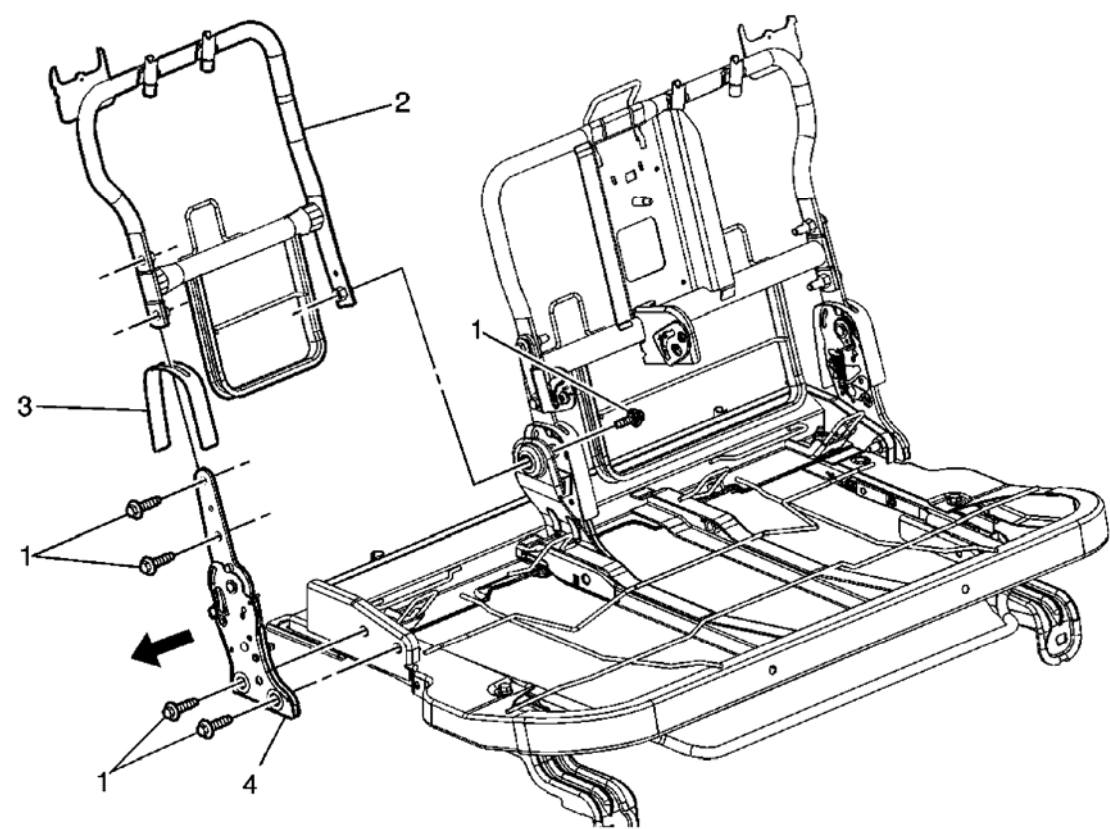


Fig. 50: Rear Seat Recliner (With 40 Percent Seat)
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure	
1.	Remove the rear seat. Refer to <u>Rear Seat Replacement</u> .
2.	Remove the rear seat recliner inner finish cover. Refer to <u>Rear Seat Recliner Inner Finish Cover Replacement</u>

3. Remove the rear seat recliner outer finish cover. Refer to <u>Rear Seat Recliner Outer Finish Cover Replacement</u>	
4. Remove the rear seat outer recliner rear finish cover. Refer to <u>Rear Seat Outer Recliner Rear Finish Cover Replacement</u>	
5. Remove the seat back cover and pad. Refer to <u>Rear Seat Back Cushion Cover and Pad Replacement (with 60 percent seat)</u> or <u>Rear Seat Back Cushion Cover and Pad Replacement (with 40 percent seat)</u> .	
1	Rear Seat Back Cushion Frame Bolt (Qty: 4) CAUTION: Refer to <u>Fastener Caution</u> . Tighten: 50 N.m (37 lb ft)
2	Rear Seat Back Cushion Frame Assembly
3	Rear Recliner Finish Cover
4	Rear Seat Recliner Assembly Tip: Disconnect the seat recliner cable from the recliner mechanism on the seat back.

REAR SEAT FLOOR FILLER TRIM PANEL REPLACEMENT

Removal Procedure

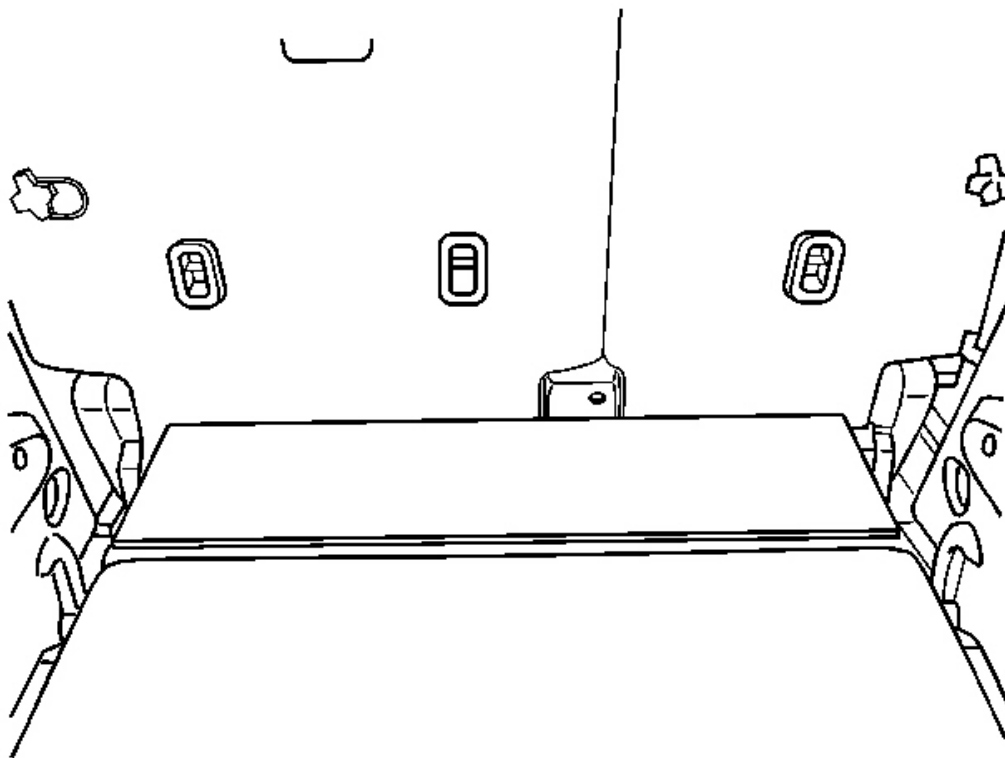


Fig. 51: View Of Folded Down Rear Seat
Courtesy of GENERAL MOTORS CORP.

1. Fold down the rear seat to expose the rear seat floor filler trim panel

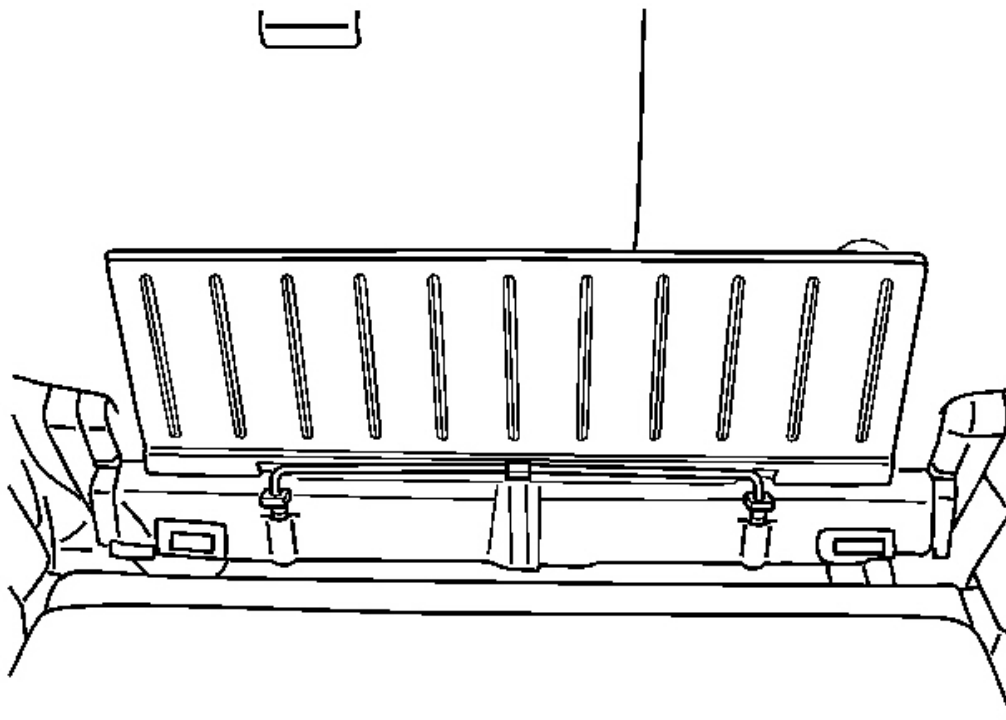


Fig. 52: View Of Filler Trim Panel
Courtesy of GENERAL MOTORS CORP.

2. Lift the filler trim panel. Pull the the filler trim panel to remove from the mounting rod

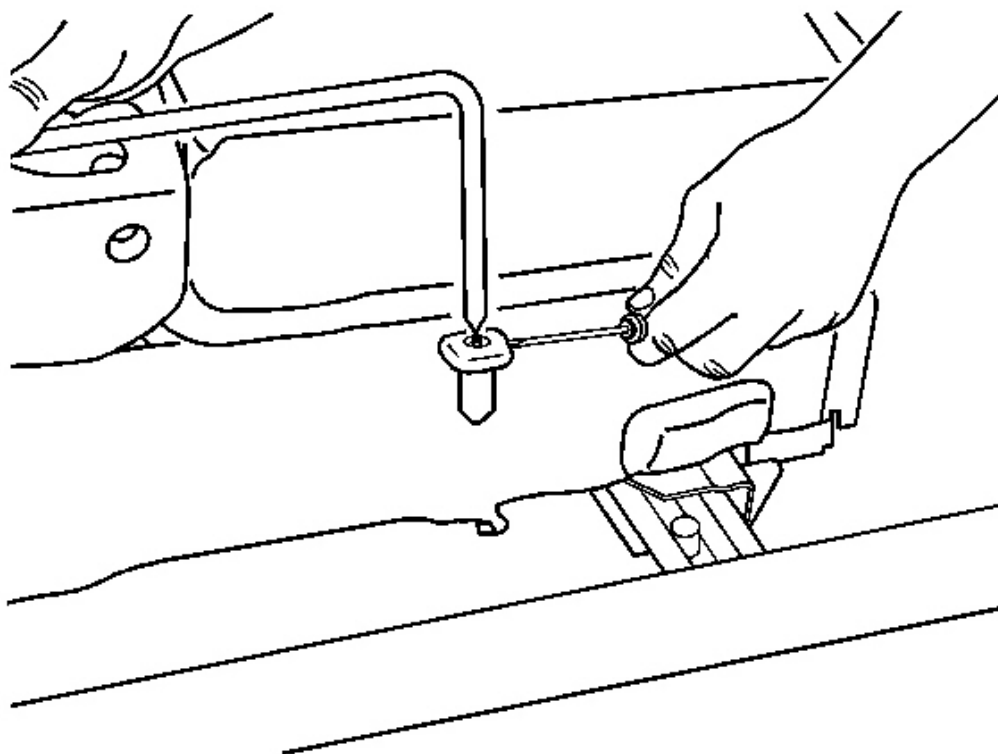


Fig. 53: Releasing Mounting Rod From Rear Seat
Courtesy of GENERAL MOTORS CORP.

3. Use a small tool to release the mounting rod from the rear seat.

Installation Procedure

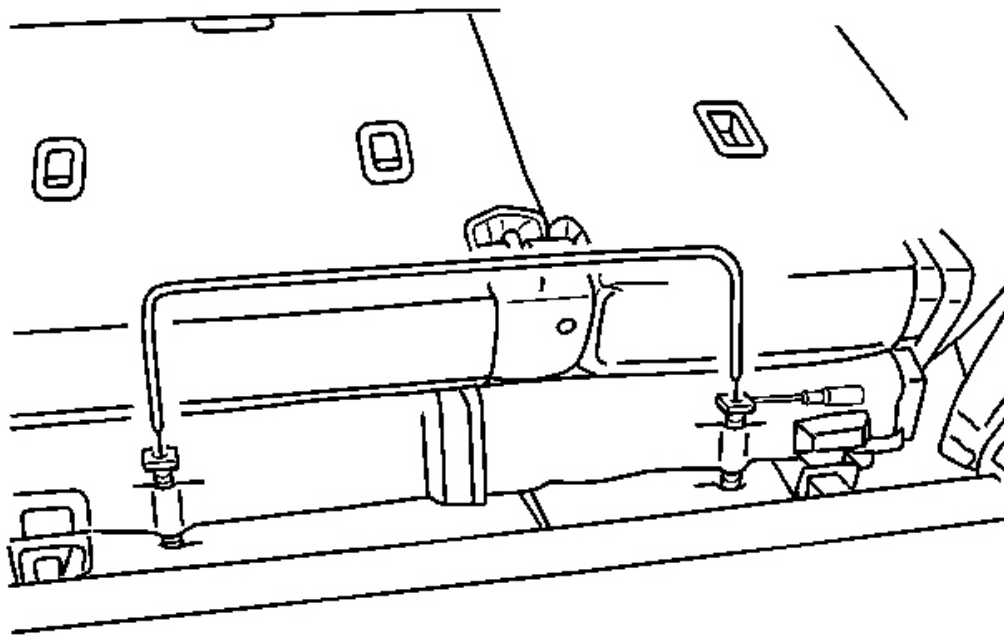


Fig. 54: Installing Rod Into Guide
Courtesy of GENERAL MOTORS CORP.

1. Push the rod into the guide until locked.

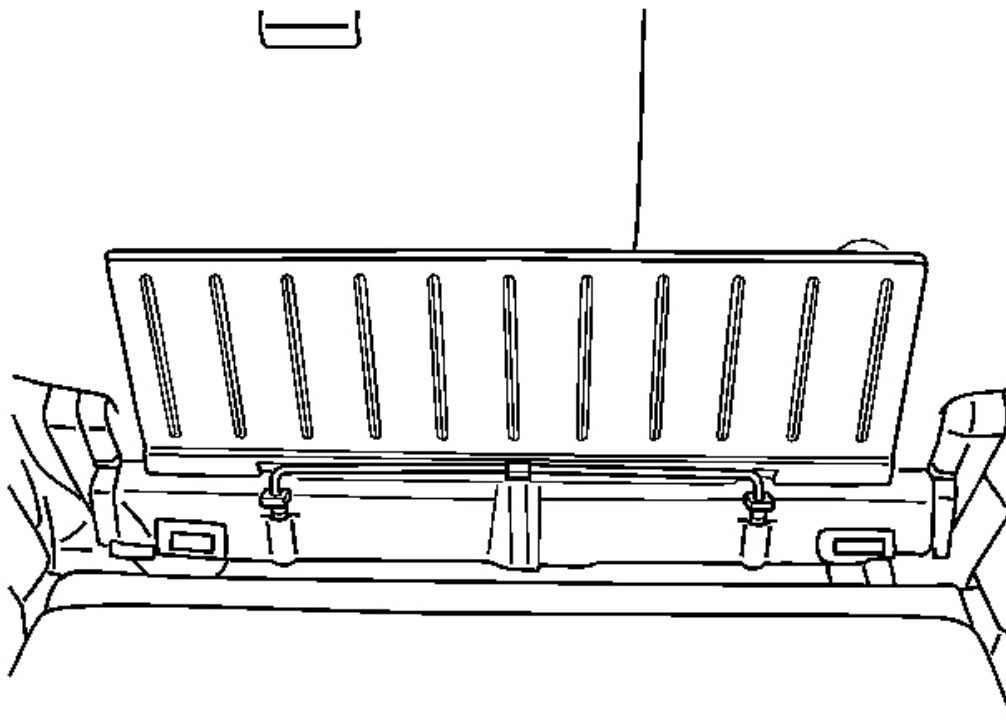


Fig. 55: View Of Filler Trim Panel
Courtesy of GENERAL MOTORS CORP.

2. Install the filler trim panel to the rod.

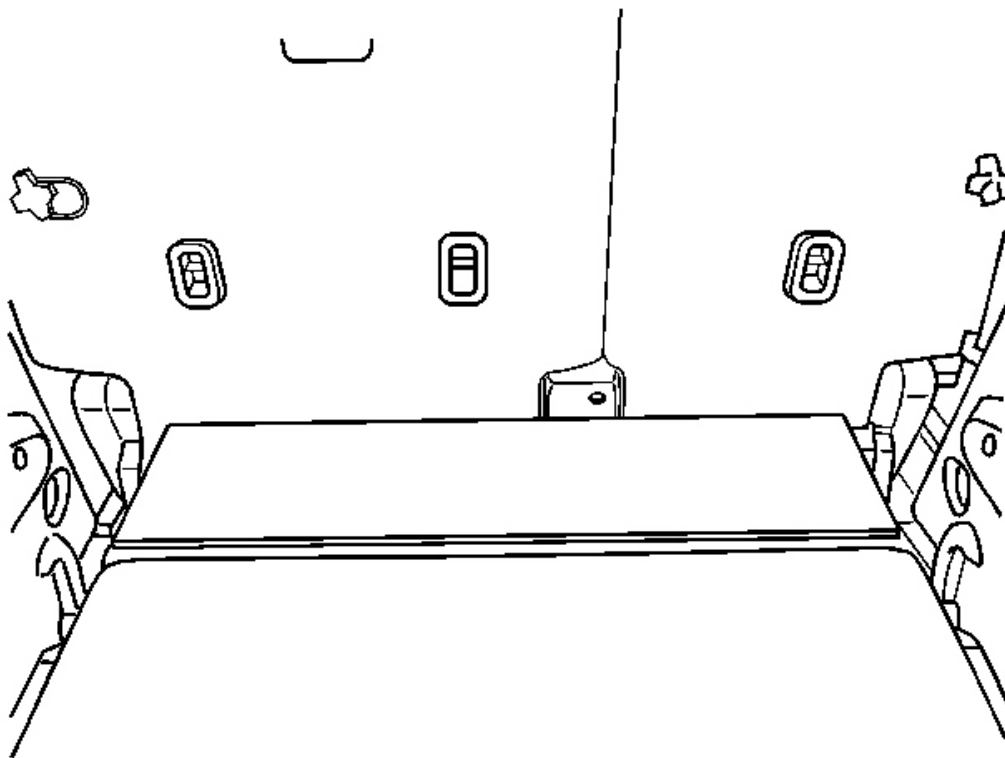


Fig. 56: View Of Folded Down Rear Seat
Courtesy of GENERAL MOTORS CORP.

3. Raise the seat back to the upright position.

REAR SEAT RISER FINISH COVER REPLACEMENT

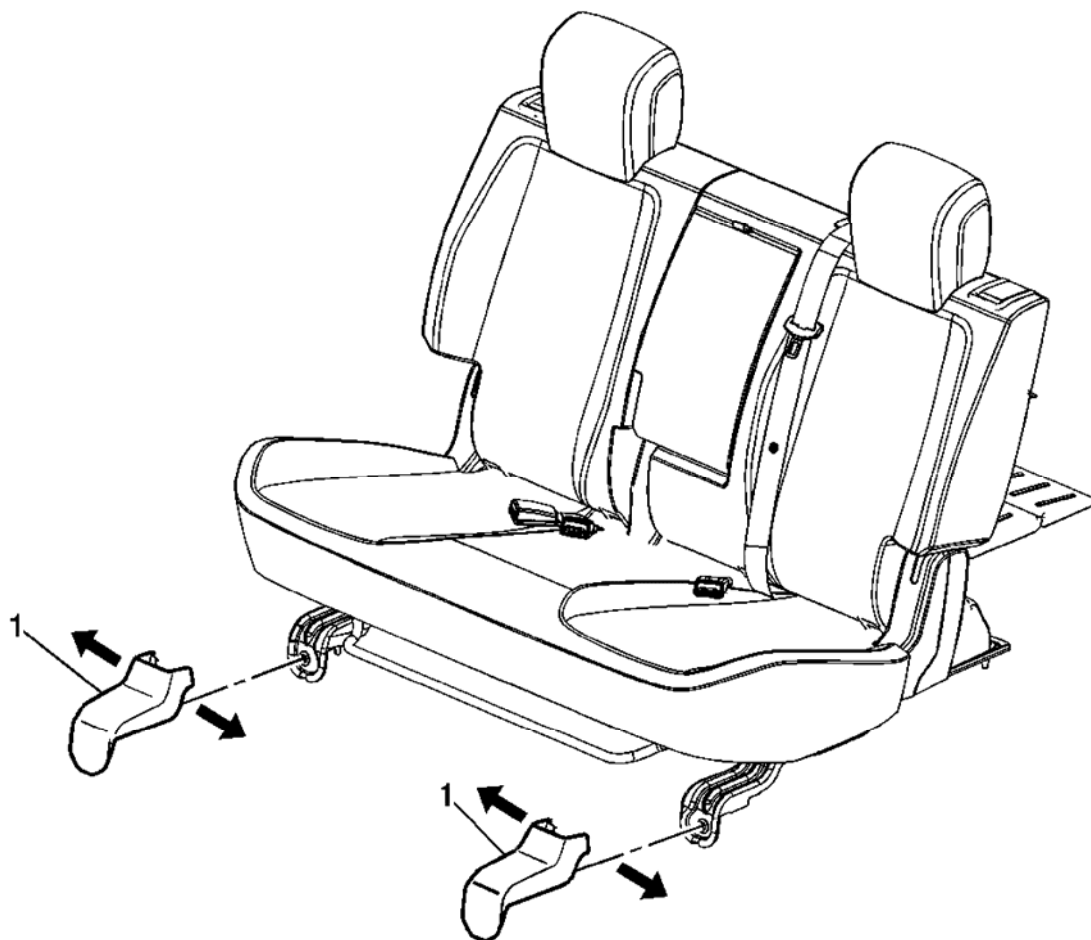


Fig. 57: Rear Seat Riser Finish Cover
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Rear Seat Riser Finish Cover Fastener Procedure: Pull outward slightly on the sides while sliding the cover forward to disengage retainers and remove.