

ACCESSORIES & EQUIPMENT

Seat Hardware, Trim and Upholstery - Corvette

SPECIFICATIONS

FASTENER TIGHTENING SPECIFICATIONS

Fastener Tightening Specifications

Application	Specification	
	Metric	English
Driver or Passenger Seat Adjuster Track Bolt	25 N.m	18 lb ft
Driver or Passenger Seat Back Cushion Frame Bolt	16 N.m	12 lb ft
Driver or Passenger Seat Cushion Frame Bolt	25 N.m	18 lb ft
Driver or Passenger Seat Front Bolt	50 N.m	37 lb ft
Driver or Passenger Seat Rear Bolt	50 N.m	37 lb ft
Front Seat Back Airbag Opening Cover-Sport Front Cover Fastener	1.5 N.m	13 lb in
Front Seat Back Airbag Opening Cover-Sport Rear Cover Fastener	1.5 N.m	13 lb in
Front Seat Back Cushion Finish Panel Fastener	1.5 N.m	13 lb in
Front Seat Cushion Outer Finish Cover Fastener	2 N.m	17 lb in

REPAIR INSTRUCTIONS

DRIVER OR PASSENGER SEAT REMOVAL AND INSTALLATION

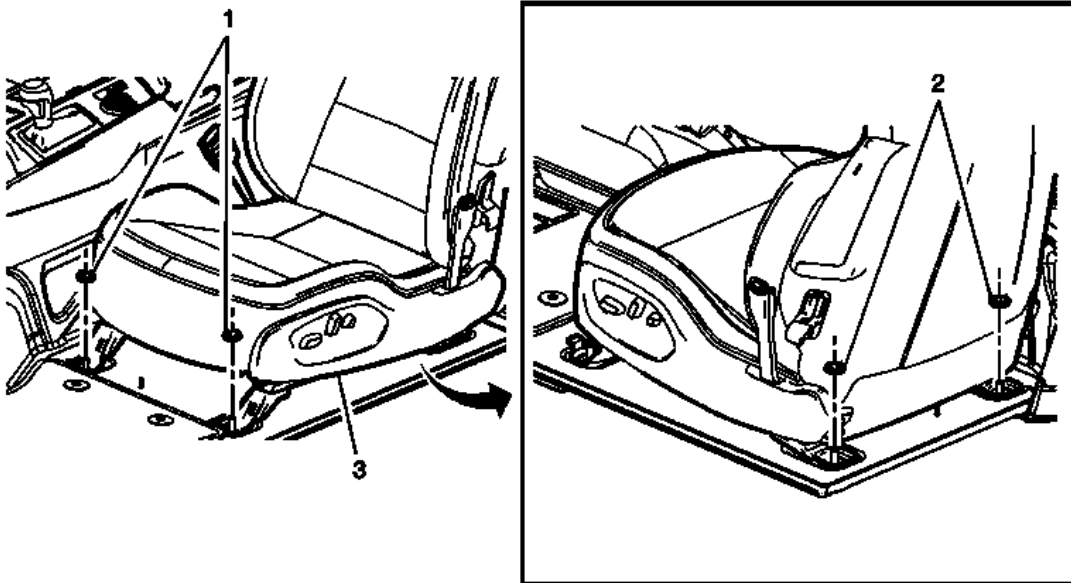


Fig. 1: Driver or Passenger Seat
Courtesy of GENERAL MOTORS COMPANY

Driver or Passenger Seat Removal and Installation

Callout	Component Name
WARNING: Refer to <u>SIR Warning</u> .	
Preliminary Procedure	
1. Disable the SIR system. Refer to <u>SIR Disabling and Enabling</u> . 2. Disconnect the seat belt from the tensioner. Refer to <u>Front Seat Belt Anchor Plate Tensioner Replacement</u> . 3. Remove the driver or passenger seat inner adjuster front finish cover. Refer to <u>Driver or Passenger Seat Inner Adjuster Front Finish Cover Replacement</u> . 4. Remove the driver or passenger seat outer adjuster front finish cover. Refer to <u>Driver or Passenger Seat Outer Adjuster Front Finish Cover Replacement</u> .	
1	Driver or Passenger Seat Front Bolts (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> .

	Adjust the seat to the rearward position to gain access to the front bolts. Tighten 50 N.m (37 lb ft)
2	Driver or Passenger Seat Rear Bolts (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> . Procedure Adjust the seat to the forward position to gain access to the rear bolts. Tighten 50 N.m (37 lb ft)
3	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 it from the floor. 3. Transfer components as necessary.

DRIVER OR PASSENGER SEAT INNER ADJUSTER FRONT FINISH COVER REPLACEMENT

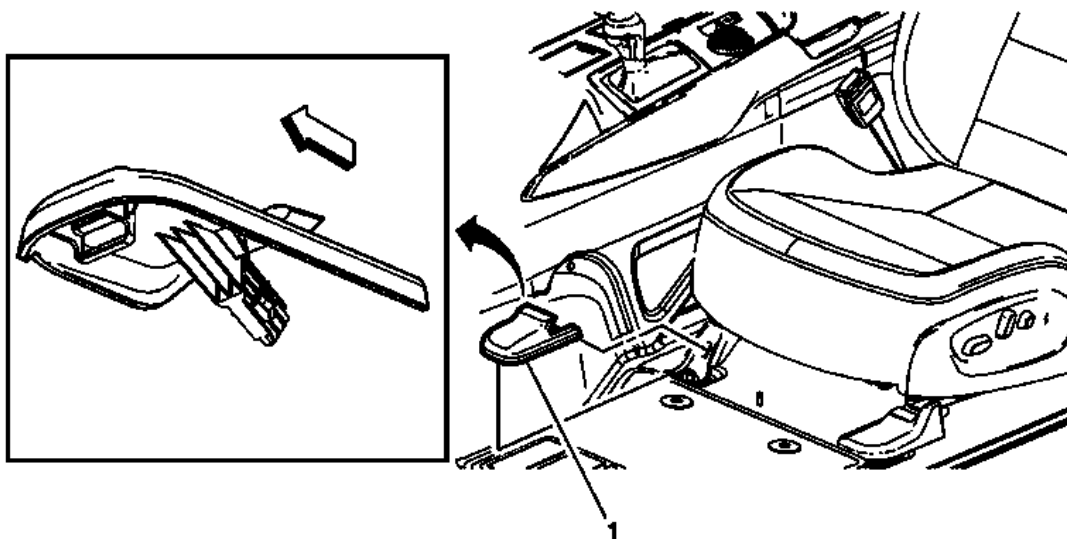


Fig. 2: Driver or Passenger Seat Inner Adjuster Front Finish Cover
Courtesy of GENERAL MOTORS COMPANY

Driver or Passenger Seat Inner Adjuster Front Finish Cover Replacement

Callout	Component Name
1	Driver or Passenger Seat Inner Adjuster Front 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. Firmly grasp the top of the finish cover pulling the outward to disengage the top of the cover off of the track. 3. Remove the finish cover by moving the cover forward and then pull up on the finish cover to disengage it from the track.

DRIVER OR PASSENGER SEAT OUTER ADJUSTER FRONT FINISH COVER REPLACEMENT

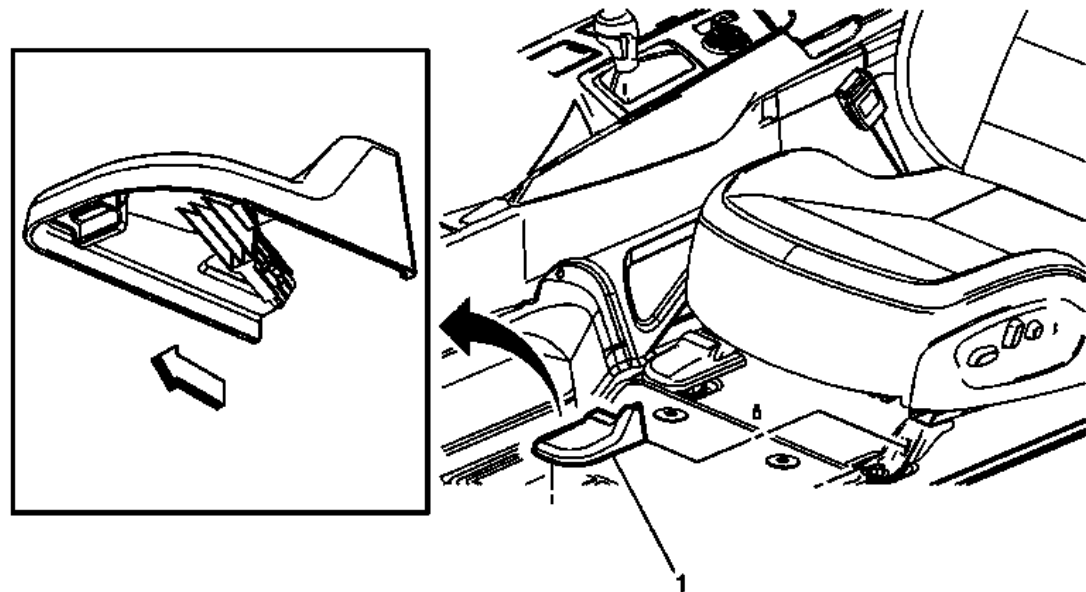


Fig. 3: Driver or Passenger Seat Outer Adjuster Front Finish Cover
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Driver or Passenger Seat Outer Adjuster Front 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. Firmly grasp the top of the finish cover pulling the outward to disengage the top of the cover off of the track. 3. Remove the finish cover by moving the cover forward and then pull up on the finish cover to disengage it from the track.

FRONT SEAT ADJUSTER KNOB REPLACEMENT

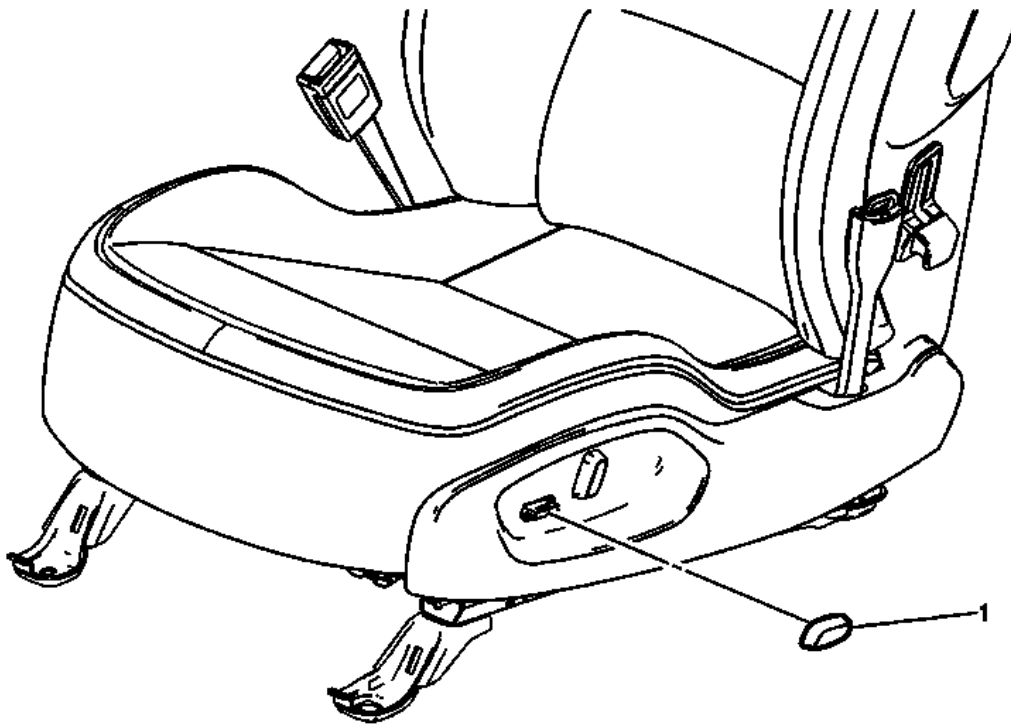


Fig. 4: Front Seat Adjuster Knob
Courtesy of GENERAL MOTORS COMPANY

Front Seat Adjuster Knob Replacement

Callout	Component Name
1	Front Seat Adjuster Knob

Use a flat-bladed tool to release the adjuster knob from the outer finish panel.

DRIVER OR PASSENGER SEAT ADJUSTER TRACK REPLACEMENT

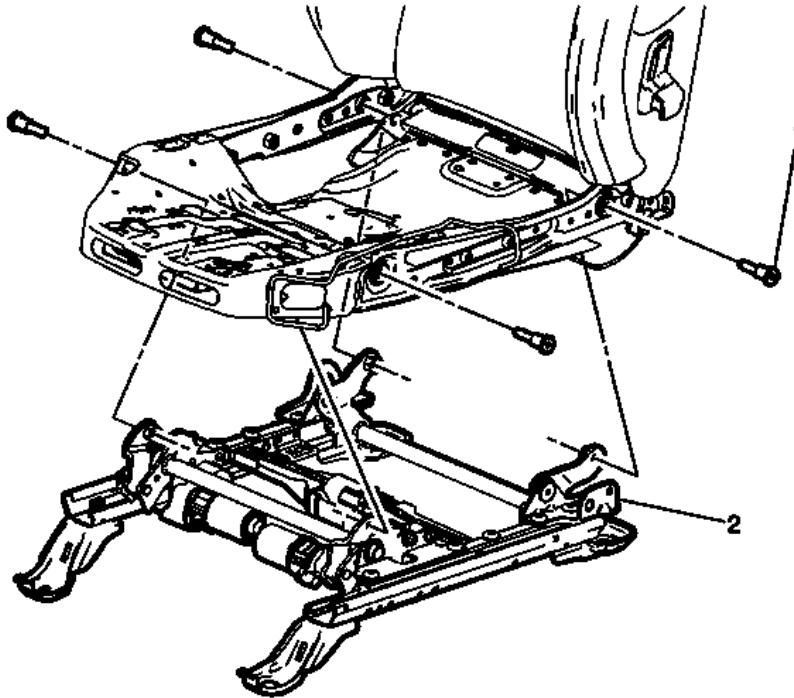


Fig. 5: Driver or Passenger Seat Adjuster Track
Courtesy of GENERAL MOTORS COMPANY

Driver or Passenger Seat Adjuster Track Replacement

Callout	Component Name
WARNING: Refer to <u>SIR Warning</u> .	
Preliminary Procedure	
1. Remove the front seat cushion cover and pad. Refer to <u>Front Seat Cushion Cover and Pad Replacement</u> .	
2. Remove the driver or passenger seat adjuster switch. Refer to <u>Driver or Passenger Seat Adjuster Switch Replacement</u> .	
3. Disconnect the airbag front seat position sensor. Refer to <u>Airbag Front Seat Position Sensor Replacement</u> .	
	Driver or Passenger Seat Adjuster Track Bolt (Qty: 4)
	CAUTION:

1	Tighten 25 (18 lb ft)
2	Procedure 1. Disconnect electrical connectors as needed. 2. If replacing with a new adjuster track, transfer all components as necessary.

FRONT SEAT BELT ANCHOR PLATE TENSIONER COVER REPLACEMENT

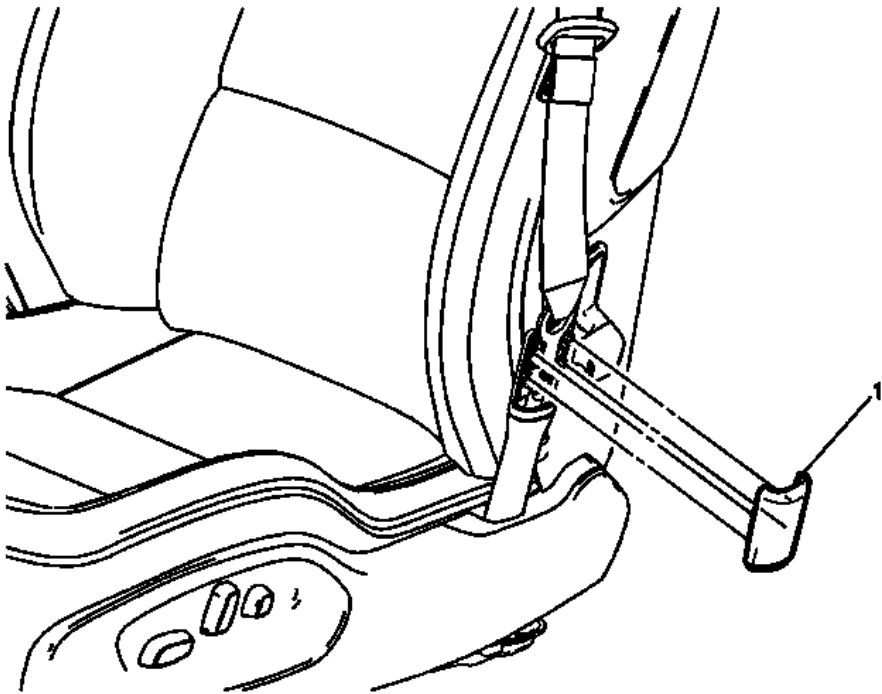


Fig. 6: Front Seat Belt Anchor Plate Tensioner Cover
Courtesy of GENERAL MOTORS COMPANY

Front Seat Belt Anchor Plate Tensioner Cover Replacement

Callout	Component Name
1	Front Seat Belt Anchor Plate Tensioner Cover Procedure Use a suitable flat-bladed tool to release the tensioner cover from the tensioner assembly.

FRONT SEAT CUSHION REAR FRAME CENTER COVER REPLACEMENT

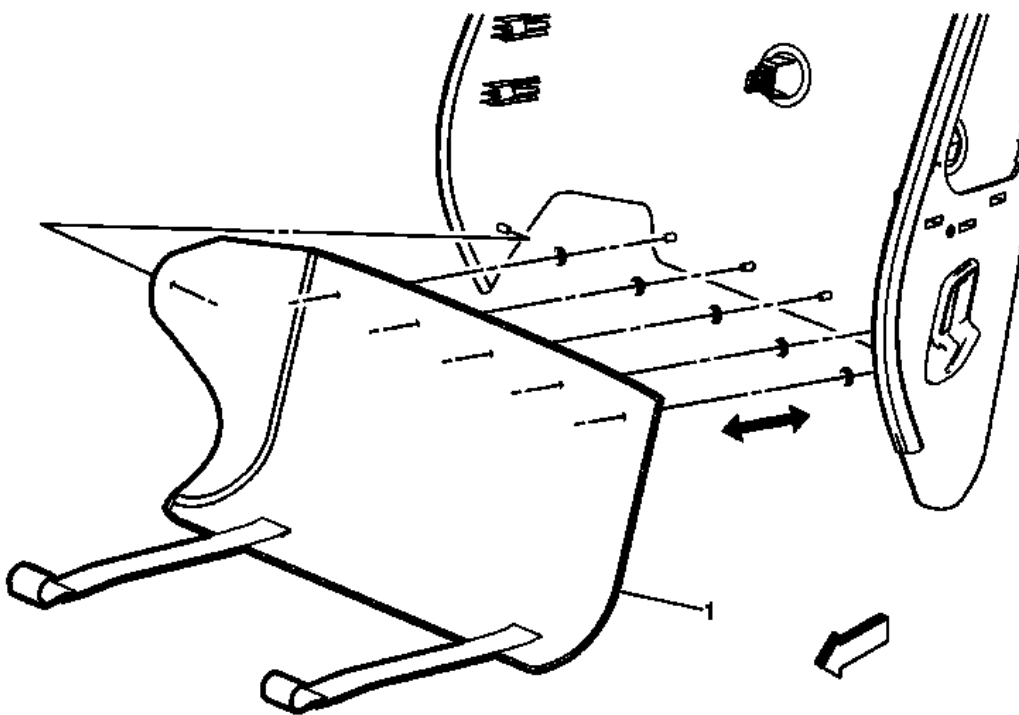


Fig. 7: Front Seat Cushion Rear Frame Center Cover
 Courtesy of GENERAL MOTORS COMPANY

Front Seat Cushion Rear Frame Center Cover Replacement

Callout	Component Name
Preliminary Procedure Remove the front seat back cushion finish panel. Refer to Front Seat Back Cushion Finish Panel Replacement (Touring) , Front Seat Back Cushion Finish Panel Replacement (Sport) .	
1	Front Seat Cushion Rear Frame Center Cover Procedure Gently separate the rear frame center cover from the seat back finish panel. NOTE: When separating the center cover from the finish panel, if the push nuts get damaged, replace with new.

DRIVER OR PASSENGER SEAT CUSHION FRAME REPLACEMENT

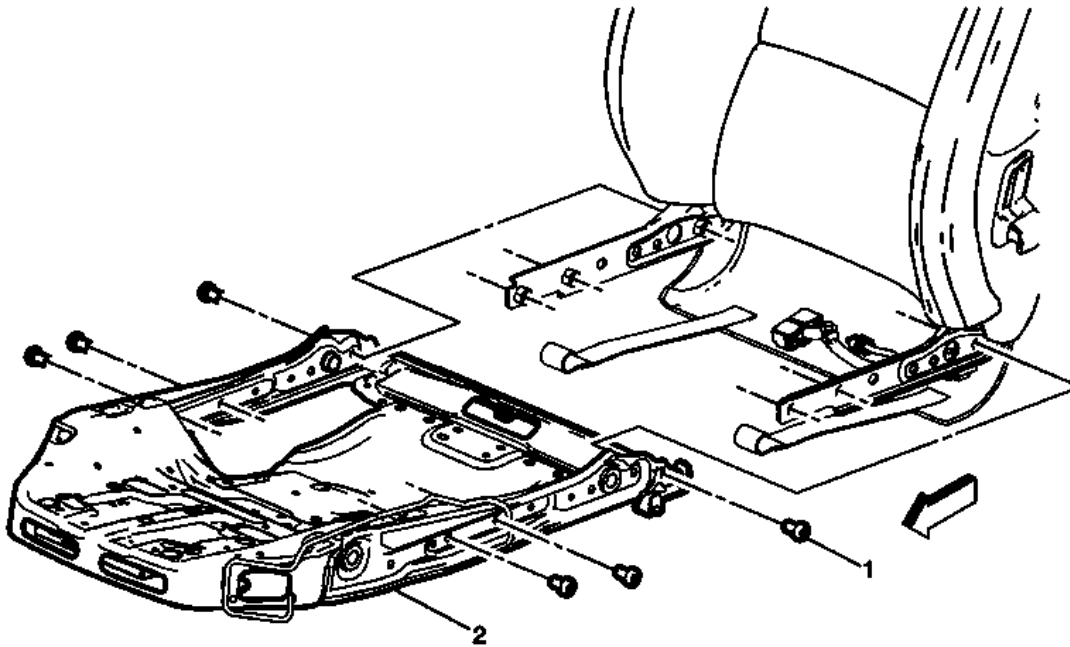


Fig. 8: Driver or Passenger Seat Cushion Frame
 Courtesy of GENERAL MOTORS COMPANY

Driver or Passenger Seat Cushion Frame Replacement

Callout	Component Name
Preliminary Procedure Remove the driver or passenger seat adjuster track. Refer to Driver or Passenger Seat Adjuster Track Replacement .	
1	Driver or Passenger Seat Cushion Frame (Qty: 6) CAUTION: Refer to Fastener Caution . Tighten 25 (18 lb ft)
2	Driver or Passenger Seat Cushion Frame Procedure 1. Disconnect electrical connectors as needed. 2. Disengage the cushion frame from the recliner tracks by pushing inward on the recliner tracks and sliding the cushion frame forward.

necessary.

FRONT SEAT CUSHION OUTER FINISH COVER REPLACEMENT

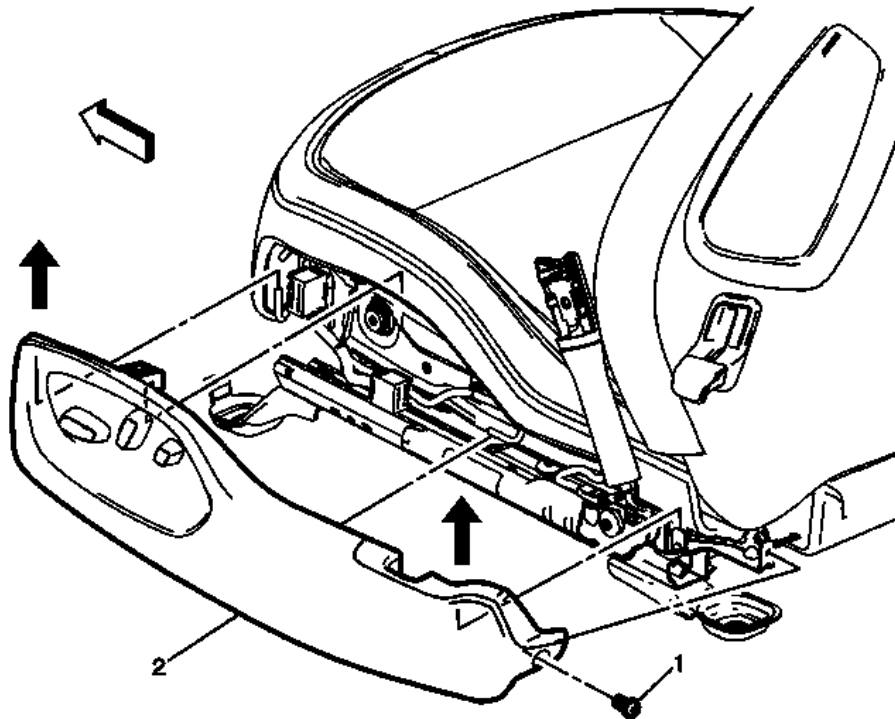


Fig. 9: Front Seat Cushion Outer Finish Cover
Courtesy of GENERAL MOTORS COMPANY

Front Seat Cushion Outer Finish Cover Replacement

Callout	Component Name
Preliminary Procedure	
1. Remove the seat belt from the pretensioner. Refer to <u>Front Seat Belt Retractor Replacement</u> .	
2. Remove the driver or passenger seat. Refer to <u>Driver or Passenger Seat Removal and Installation</u> .	
1	Front Seat Cushion Outer Finish Cover Retainer CAUTION: Refer to <u>Fastener Caution</u> . Tighten 2 N.m (17 lb in)

	Procedure
2	1. Disengage the rear of the outer finish cover by pulling the cover upward over the seat track tab. 2. Disengage the front of the outer finish cover by pulling the cover upward over the seat cushion wire. 3. Remove the outer finish cover by pulling the cover outward off the seat cushion wire. 4. Disconnect the electrical connectors. 5. If replacing the finish panel, transfer components as necessary.

FRONT SEAT CUSHION COVER AND PAD REPLACEMENT

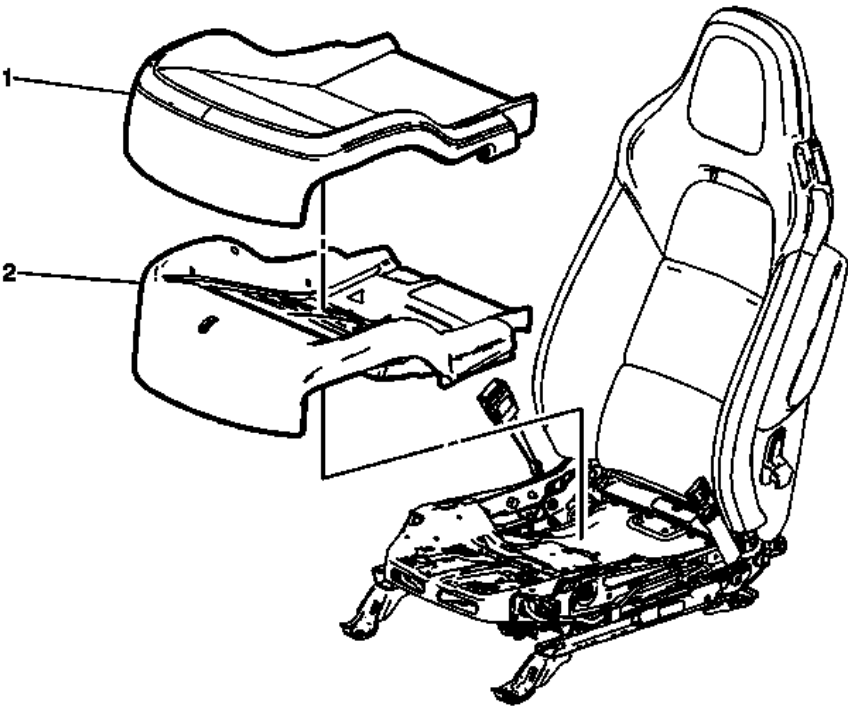


Fig. 10: Front Seat Cushion Cover and Pad
Courtesy of GENERAL MOTORS COMPANY

Front Seat Cushion Cover and Pad Replacement

Callout	Component Name
WARNING: Refer to <u>SIR Warning</u> .	
WARNING: Replace the passenger presence system as a complete assembly to prevent possible injury to the	

occupant. All the components in the service kit are assembled and calibrated as a unit. Using only some of the components in the service kit will cause the passenger presence system to operate improperly.

WARNING:

To avoid personal injuries, re-zero the passenger presence system whenever you remove or replace the seat cushion or trim. Failure to do so may cause the system to malfunction.

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 cushion outer finish cover. Refer to **Front Seat Cushion Outer Finish Cover Replacement**.
4. Whenever the inflatable restraint passenger presence system or any component of the passenger presence system is removed. Refer to **Control Module References** .

1	Front Seat Cushion Cover Procedure 1. Loosen and disengage the draw string and hook and loop fasteners from the under side of the seat cushion cover. 2. Disengage the outboard side J-channel retainers from the seat cushion frame. 3. Disengage the rear J-channel retainer from the rear seat cushion frame. 4. Disconnect blowers and electrical connectors, if equipped. 5. Remove the seat cushion cover and pad from the seat cushion frame as an assembly.
2	Front Seat Cushion Pad Procedure 1. Separate the seat cushion cover from the seat cushion pad by pulling the cover away from the pad. 2. When installing the seat cushion cover, pull the draw string on the cover tightly in all corners to ensure that no creasing occurs. 3. When replacing the front passenger seat cushion, you must also replace the inflatable restraint passenger presence system. Refer to <u>Airbag Front Passenger Presence Module Replacement</u> NOTE: When installing the seat cushion cover, pull the draw string on the cover tightly in all corners to ensure that no creasing occurs.

DRIVER OR PASSENGER SEAT BACK COVER AND PAD REPLACEMENT

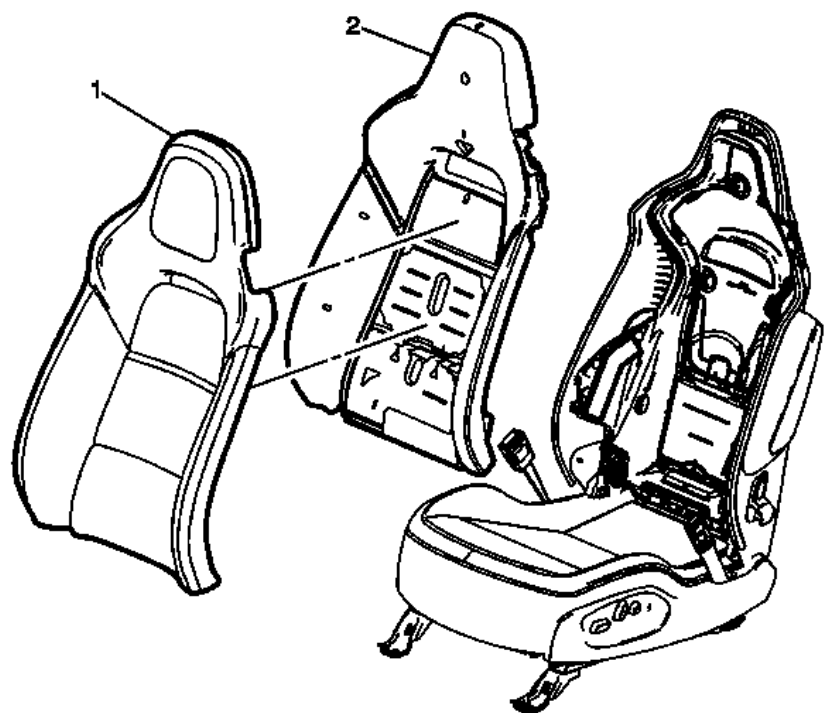


Fig. 11: Driver or Passenger Seat Back Cover and Pad
Courtesy of GENERAL MOTORS COMPANY

Driver or Passenger Seat Back Cover and Pad Replacement

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 front seat back opening bezel, if equipped. Refer to <u>Front Seat Back Opening Bezel Replacement</u> .	
1	Seat Back Cushion Assembly Procedure 1. Disengage the J-channel retainers that route along both sides of the seat back frame starting from the center of the head restraint notch location. 2. Disengage the J-channel retainer at the bottom rear portion of the seat

	3. Disengage the hook and loop retainer at the seat back opening location. 4. Disconnect the electrical connector, if equipped. NOTE: Use the top head restraint notch location for the starting point for the J-channel retainer reinstallation.
2	Front Seat Back Cushion Pad Procedure Separate the seat cushion cover from the seat cushion pad by gently pulling the cover away from the pad. NOTE: The seat back cushion heater remains attached to the seat back cushion pad.

DRIVER OR PASSENGER SEAT BACK CUSHION FRAME REPLACEMENT

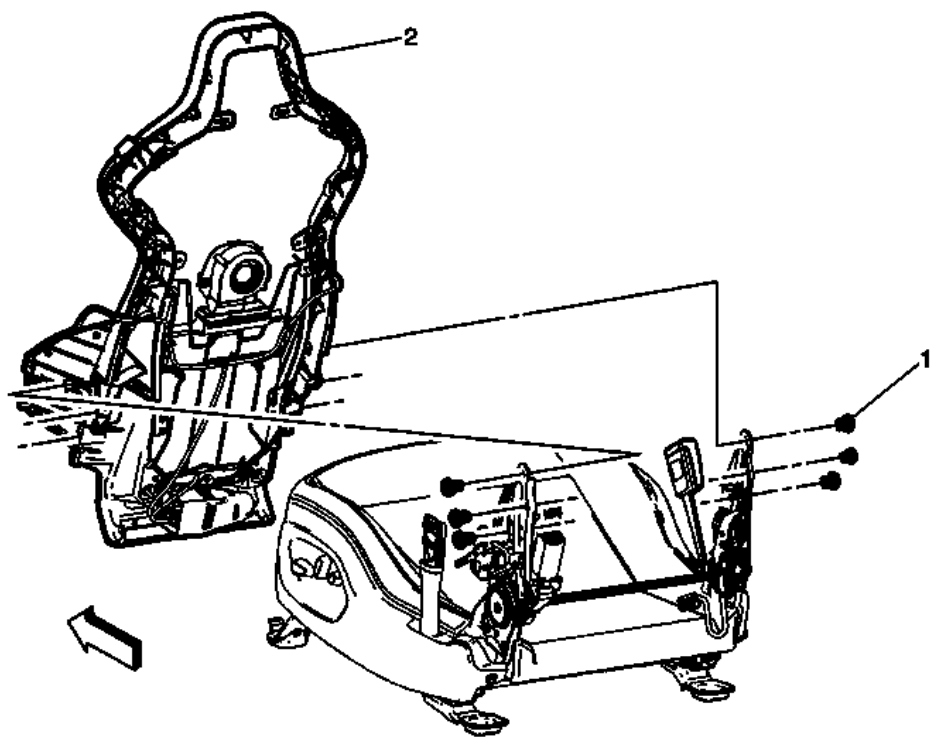


Fig. 12: Driver or Passenger Seat Back Cushion Frame
 Courtesy of GENERAL MOTORS COMPANY

Driver or Passenger Seat Back Cushion Frame Replacement

Callout	Component Name
Preliminary Procedures	

Installation.

2. Remove the front seat back cushion finish panel. Refer to **Front Seat Back Cushion Finish Panel Replacement (Touring)**, **Front Seat Back Cushion Finish Panel Replacement (Sport)**.
3. Remove the driver seat side airbag bracket. Refer to **Driver Seat Side Airbag Bracket Replacement (Touring)** , **Driver Seat Side Airbag Bracket Replacement (Sport)** , **Driver Seat Side Airbag Bracket Replacement** .

1	Driver or Passenger Seat Back Cushion Frame Bolt (Qty: 6) CAUTION: Refer to <u>Fastener Caution</u> . NOTE: When replacing, bolt MUST be hand started or the titanium threads will strip. If this occurs, a helicoil may be used. Special high torque head tool can be purchased from vendor tool suppliers. Tighten 16 (12 lb ft)
2	Driver or Passenger Seat Back Cushion Frame Procedure 1. Disconnect electrical connectors as needed. 2. If replacing with a new seat back cushion frame, transfer all components as necessary.

FRONT SEAT BACK CUSHION UPPER SUPPORT REPLACEMENT - UPPER

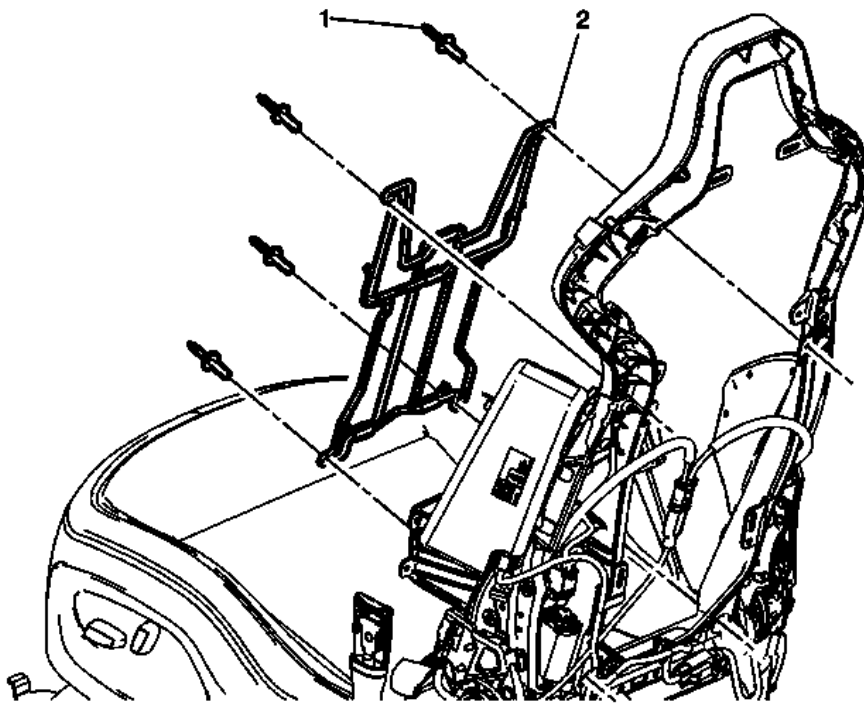


Fig. 13: Front Seat Back Cushion Upper Support - Upper
 Courtesy of GENERAL MOTORS COMPANY

Front Seat Back Cushion Upper Support Replacement - Upper

Callout	Component Name
Preliminary Procedure Remove the front seat back cushion finish panel. Refer to Front Seat Back Cushion Finish Panel Replacement (Touring) , Front Seat Back Cushion Finish Panel Replacement (Sport) .	
1	Front Seat Back Cushion Upper Support Rivet (Qty: 4) WARNING: Use the proper eye protection when drilling to prevent metal chips from causing physical injury. Procedure Drill out all guide rivets before removing the upper support.
2	Front Seat Back Cushion Upper Support Procedure 1. Disconnect any electrical connectors. 2. Disengage the seat back cushion upper support from the seat back frame.

FRONT SEAT RECLINER KNOB REPLACEMENT

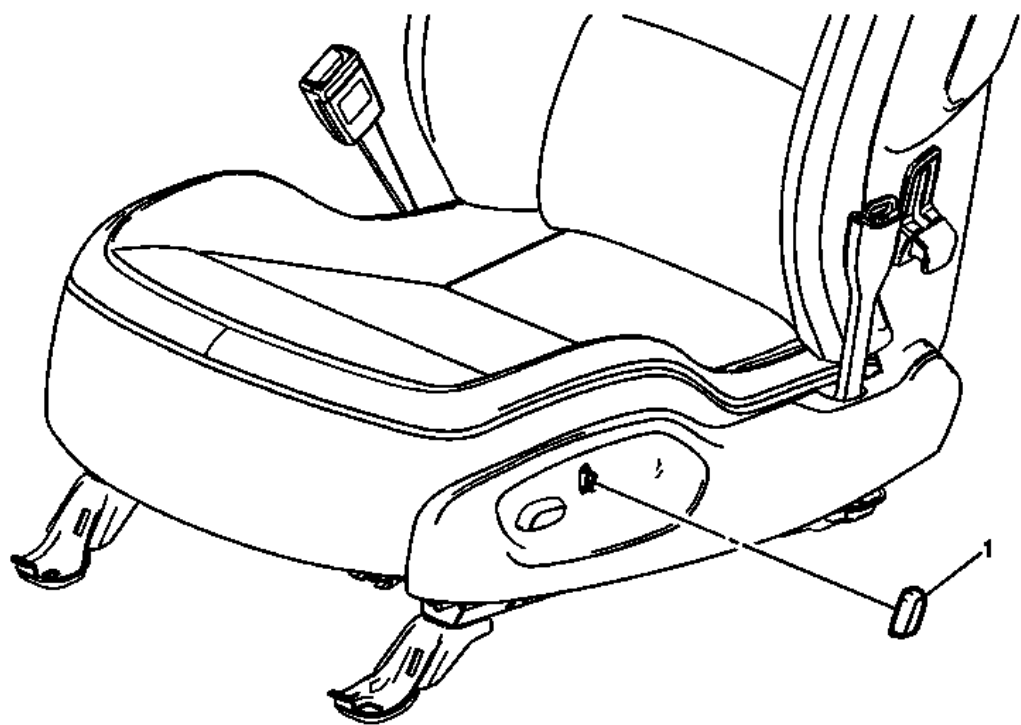


Fig. 14: Front Seat Recliner Knob
Courtesy of GENERAL MOTORS COMPANY

Front Seat Recliner Knob Replacement

Callout	Component Name
1	Front Seat Recliner Knob
Procedure Use a flat-bladed tool to release the recliner knob from the outer finish panel.	

FRONT SEAT RECLINER CONTROL BRACKET REPLACEMENT

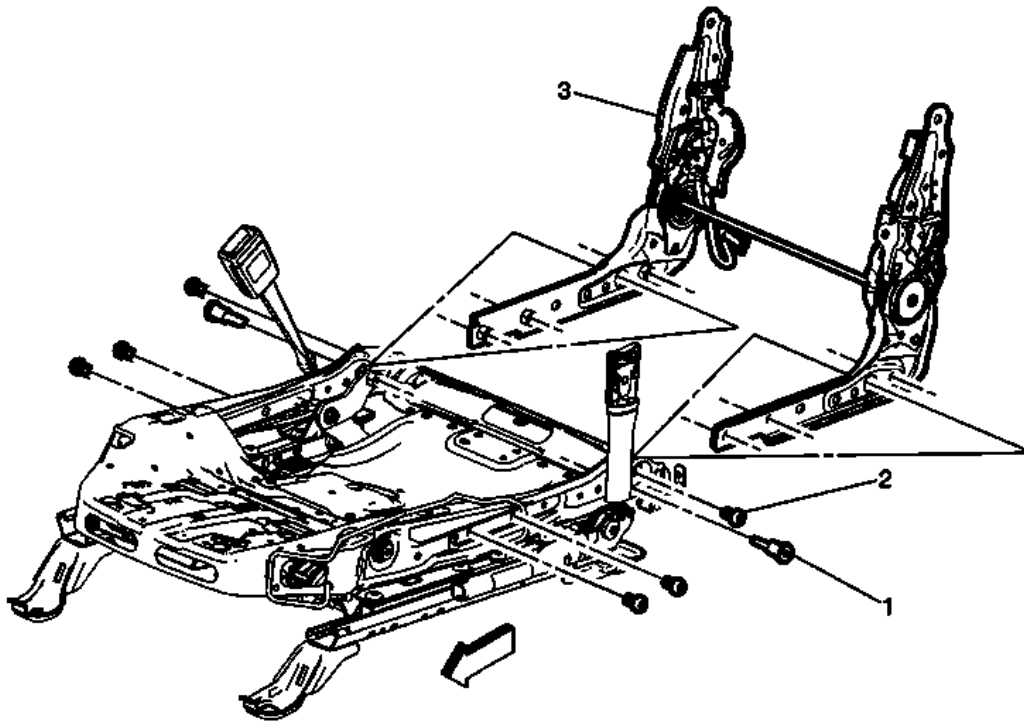


Fig. 15: Front Seat Recliner Control Bracket
 Courtesy of GENERAL MOTORS COMPANY

Front Seat Recliner Control Bracket Replacement

Callout	Component Name
Preliminary Procedure 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 frame. Refer to <u>Driver or Passenger Seat Back Cushion Frame Replacement</u>. 3. Remove the front seat cushion cover and pad. Refer to <u>Front Seat Cushion Cover and Pad Replacement</u>.	
1	Driver or Passenger Seat Adjuster Track (Rear) Bolts (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 25 (18 lb ft)
2	Driver or Passenger Seat Cushion Frame Bolts (Qty: 6) Tighten 25 (18 lb ft)

Front Seat Recliner Control Bracket	
Procedure	
3	1. Disconnect electrical connectors as needed. 2. Disengage the recliner control bracket from the seat cushion frame by pushing inward on the recliner control bracket tracks and sliding them rearward. 3. If replacing with a recliner control bracket, transfer all components as necessary.

FRONT SEAT EASY ENTRY HANDLE REPLACEMENT

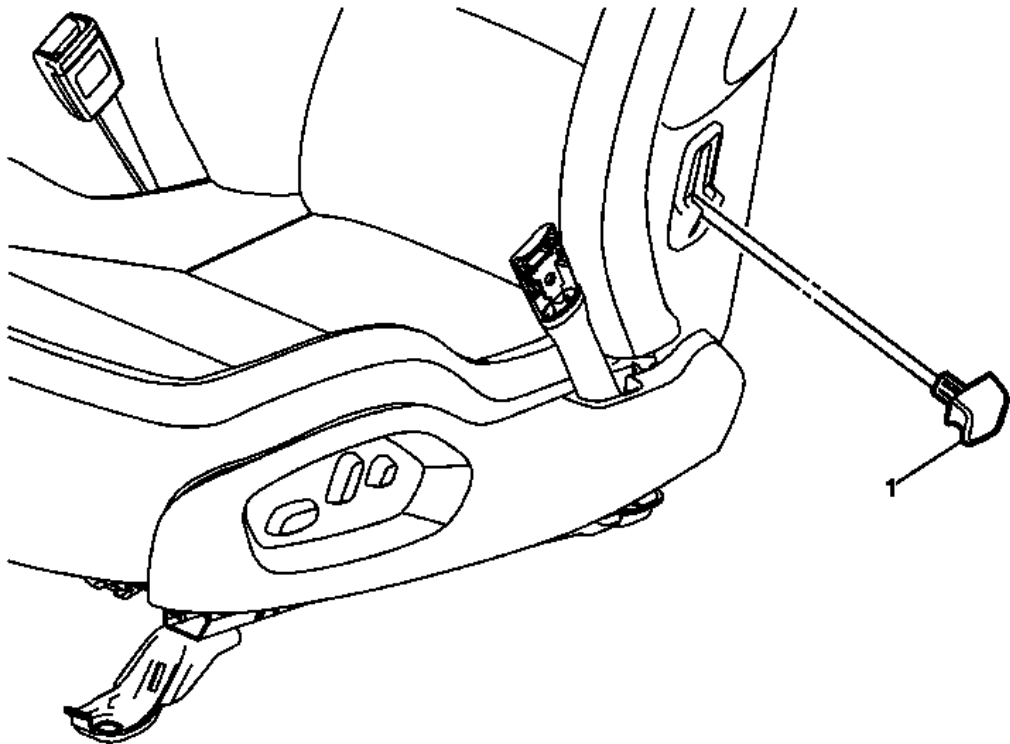


Fig. 16: Front Seat Easy Entry Handle
Courtesy of GENERAL MOTORS COMPANY

Front Seat Easy Entry Handle Replacement

Callout	Component Name
1	Front Seat Easy Entry Handle Procedure The handle is disengaged from the lever by inserting a suitable tool into the rear side of the handle slot and prying the locking tab away from the lever until you can pull the handle outward.

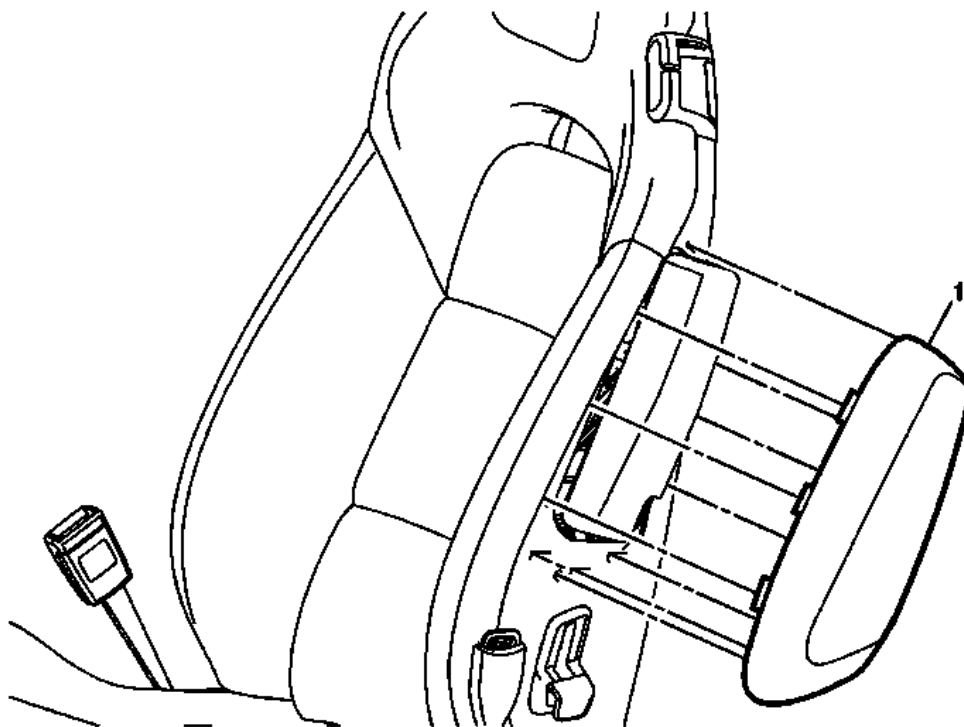


Fig. 17: Front Seat Back Airbag Opening Cover (Touring)
Courtesy of GENERAL MOTORS COMPANY

Front Seat Back Airbag Opening Cover Replacement (Touring)

Callout	Component Name
1	Front Seat Back AirBag Opening Cover CAUTION: Do not twist the cover during removal. Twisting the cover may cause the component to break. Procedure Firmly grasp the cover, pulling outward to disengage it from the seat back frame.

FRONT SEAT BACK AIRBAG OPENING COVER REPLACEMENT (SPORT-REAR COVER)

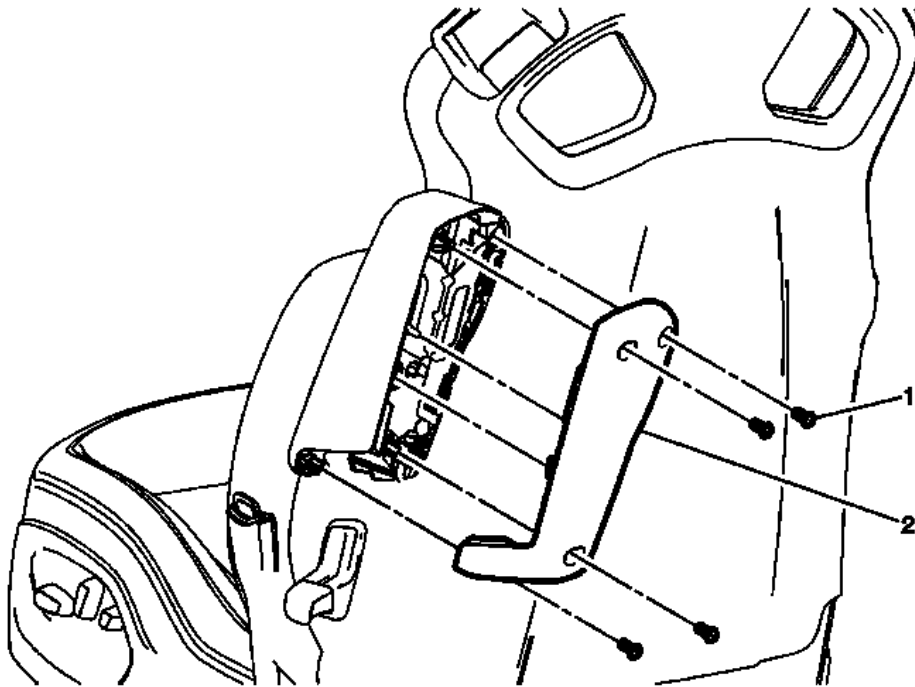


Fig. 18: Front Seat Back Airbag Opening Cover (Sport-Rear Cover)
 Courtesy of GENERAL MOTORS COMPANY

Front Seat Back Airbag Opening Cover Replacement (Sport-Rear Cover)

Callout	Component Name
1	Front Seat Back Airbag Opening Cover Fastener (Qty: 4) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 1.5 (13 lb in)
2	Front Seat Back Airbag Opening Cover Procedure Separate the rear airbag opening cover from the front cover by pulling the cover rearward.

FRONT SEAT BACK AIRBAG OPENING COVER REPLACEMENT (SPORT-FRONT COVER)

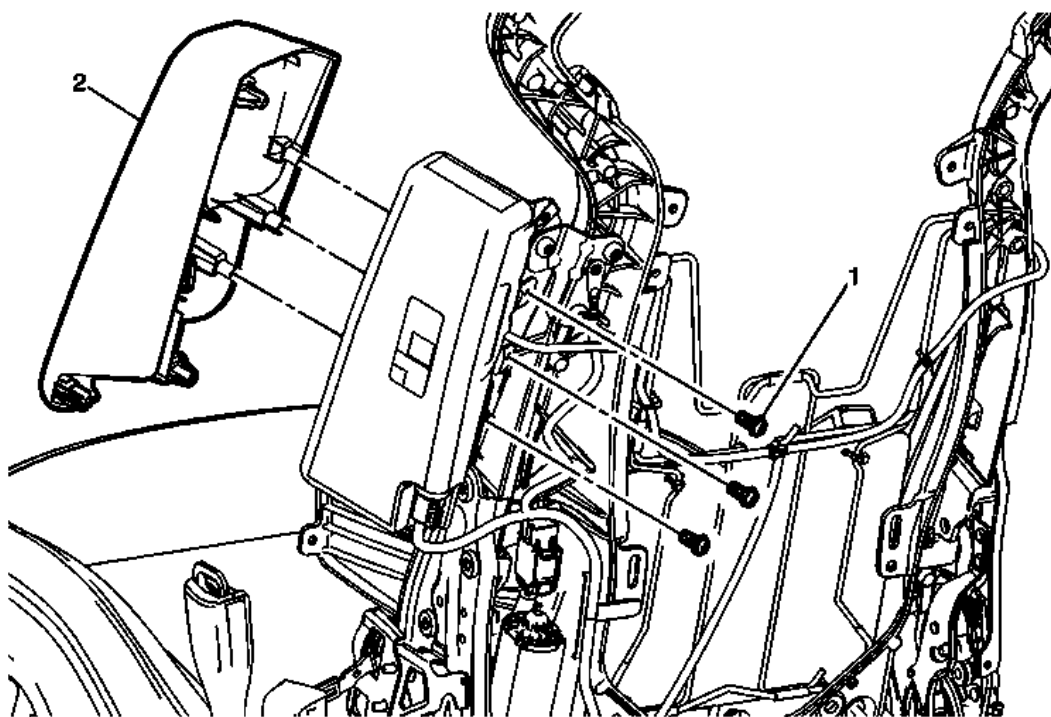


Fig. 19: Front Seat Back Airbag Opening Cover (Sport-Front Cover)
Courtesy of GENERAL MOTORS COMPANY

Front Seat Back Airbag Opening Cover Replacement (Sport-Front Cover)

Callout	Component Name
Preliminary Procedure Remove the front seat back airbag opening rear cover.	
1	Front Seat Back Airbag Opening Cover Fastener (Qty: 3) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 1.5 (13 lb in)
2	Front Seat Back Airbag Opening Cover Procedure Disengage the airbag opening cover from the seat back cushion frame by pulling the cover rearward.

FRONT SEAT BACK OPENING BEZEL REPLACEMENT

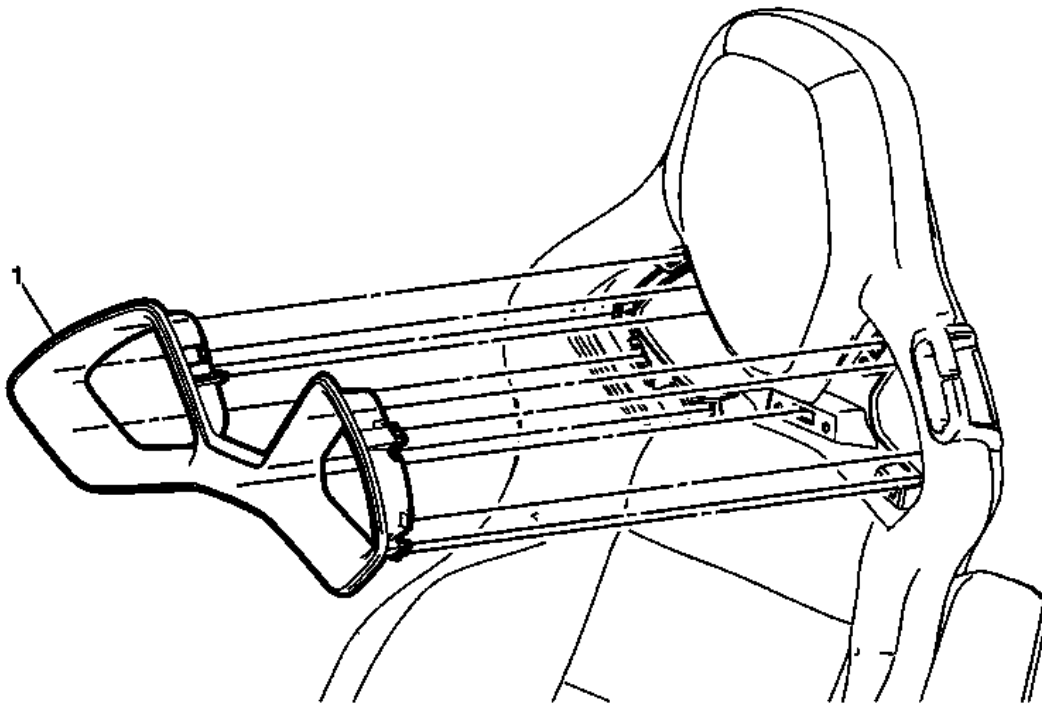


Fig. 20: Front Seat Back Opening Bezel
 Courtesy of GENERAL MOTORS COMPANY

Front Seat Back Opening Bezel Replacement

Callout	Component Name
1	Front Seat Back Opening Bezel WARNING: When removing, handling or installing this component wear protective gloves. The sharp edges on the component may be very sharp and may cause injury. Procedure Disengage the opening bezel by gently pulling on both sides of the bezel at the same time disengaging the retaining clips from the seat back cushion finish panel.

FRONT SEAT BACK CUSHION FINISH PANEL REPLACEMENT (TOURING)

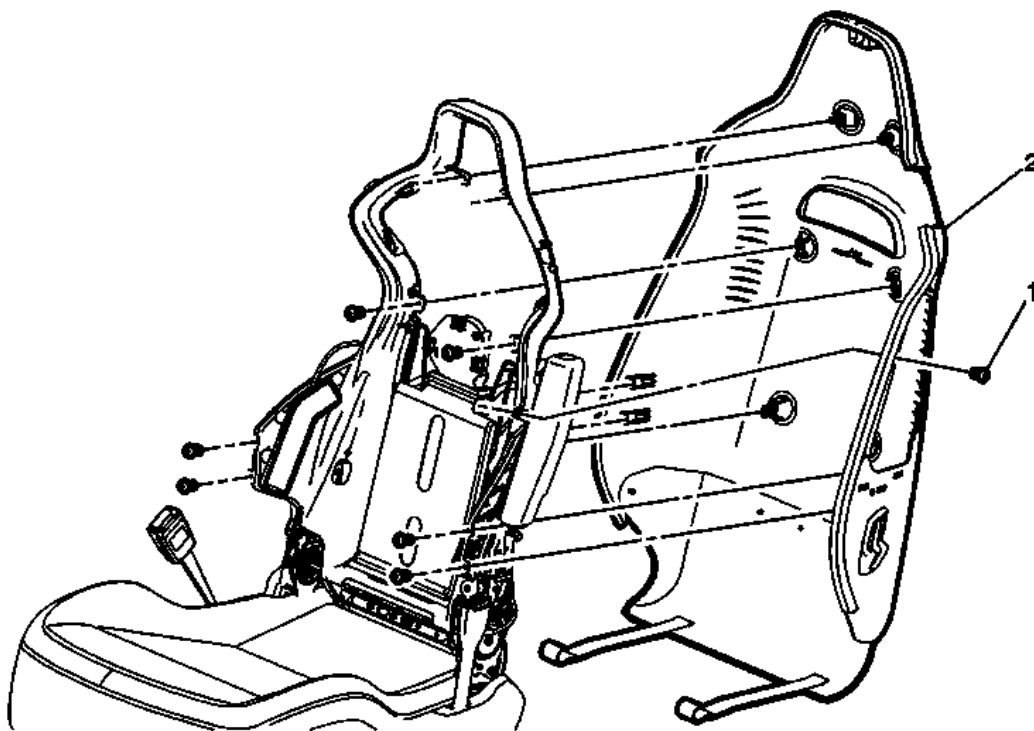


Fig. 21: Front Seat Back Cushion Finish Panel (Touring)
 Courtesy of GENERAL MOTORS COMPANY

Front Seat Back Cushion Finish Panel Replacement (Touring)

Callout	Component Name
Preliminary Procedures	
1. Remove the driver or passenger seat. Refer to <u>Driver or Passenger Seat Removal and Installation.</u> 2. Remove the front seat back (Touring) airbag cover. Refer to <u>Front Seat Back Airbag Opening Cover Replacement (Touring).</u> 3. Remove the driver or passenger seat back cover and pad. Refer to <u>Driver or Passenger Seat Back Cover and Pad Replacement.</u> 4. Remove the front seat easy entry handle. Refer to <u>Front Seat Easy Entry Handle Replacement.</u>	
1	Front Seat Back Cushion Finish Panel Fastener (Qty: 7) CAUTION: Refer to <u>Fastener Caution</u> Tighten 1.5 (13 lb in)

	Procedure 1. Detach the rear frame center cover two bottom bungee clips from the crossbar. 2. Pull the finish panel rearward to disengage the panel from the seat frame. NOTE: The front seat outboard seat back airbag does not need to be removed to disengage the front seat back cushion finish panel.
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FRONT SEAT BACK CUSHION FINISH PANEL REPLACEMENT (SPORT)

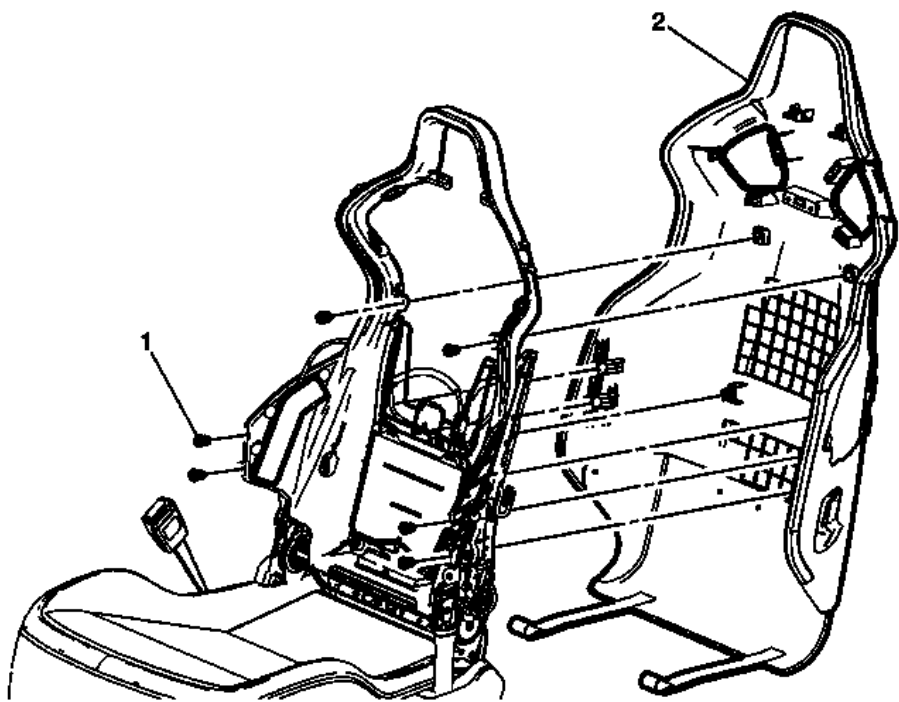


Fig. 22: Front Seat Back Cushion Finish Panel (Sport)
Courtesy of GENERAL MOTORS COMPANY

Front Seat Back Cushion Finish Panel Replacement (Sport)

Callout	Component Name
Preliminary Procedures 1. Remove the driver or passenger seat. Refer to <u>Driver or Passenger Seat Removal and Installation</u>. 2. Remove the front seat back opening bezel. Refer to <u>Front Seat Back Opening Bezel Replacement</u>.	

Seat Back Airbag Replacement .

4. Remove the driver or passenger seat back cover and pad. Refer to **Driver or Passenger Seat Back Cover and Pad Replacement.**
5. Remove the front seat easy entry handle. Refer to **Front Seat Easy Entry Handle Replacement.**

1	Front Seat Back Cushion Finish Panel Fastener (Qty: 6) CAUTION: Refer to <u>Fastener Caution</u> Tighten 1.5 (13 lb in)
2	Front Seat Back Cushion Finish Panel Procedure 1. Detach the rear frame center cover two bottom bungee clips from the crossbar. 2. Pull the finish panel rearward to disengage the panel from the seat frame. NOTE: The front seat outboard seat back airbag must be removed to disengage the front seat back cushion finish panel.

DRIVER OR PASSENGER SEAT LUMBAR SUPPORT ACTUATOR KNOB REPLACEMENT

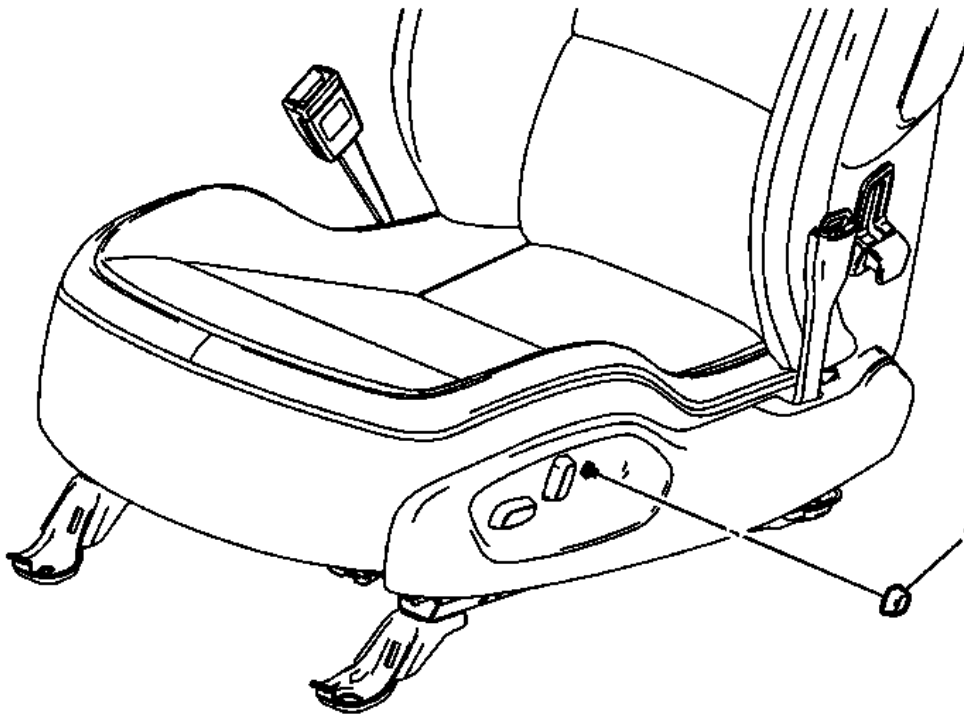


Fig. 23: Driver or Passenger Seat Lumbar Support Actuator Knob
 Courtesy of GENERAL MOTORS COMPANY

Driver or Passenger Seat Lumbar Support Actuator Knob Replacement

Callout	Component Name
1	Driver or Passenger Seat Lumbar Support Actuator Knob Procedure Use a flat-bladed tool to release the lumbar support actuator knob from the outer finish panel.