

ACCESSORIES & EQUIPMENT

Seat Hardware, Trim, and Upholstery - CTS Sedan

SPECIFICATIONS

FASTENER TIGHTENING SPECIFICATIONS

Fastener Tightening Specifications

Application	Specification	
	Metric	English
Driver or Passenger Seat Back Cushion Frame Bolt	50 N.m	37 lb ft
Driver or Passenger Seat Cushion Frame Bolt	50 N.m	37 lb ft
Driver or Passenger Seat Mounting Bolt	45 N.m	33 lb ft
Driver or Passenger Seat Side Inflatable Restraint Module Nut	3.5 N.m	32 lb in
Rear Seat Back Cushion Bolster Nut	9 N.m	80 lb in
Rear Seat Back Cushion Hinge Nut	45 N.m	33 lb ft
Rear Seat Back Cushion Nut	22 N.m	16 lb ft
Rear Seat Back Outer Pivot Bolt	20 N.m	15 lb ft
Rear Seat Latch Bolt	45 N.m	33 lb ft

DIAGNOSTIC INFORMATION AND PROCEDURES

SEAT - HARD TO MOVE FORWARD AND REARWARD

Seat - Hard to Move Forward and Rearward

Condition	Action
IMPORTANT: Replace all seat adjusters as an assembly Replace both sides at the same time.	
The adjusters are not in parallel alignment with each other.	1. Loosen the floor pan attaching bolts. 2. Position the seat fully forward. 3. Tighten the bolts. Refer to <u>Fastener Tightening Specifications</u> .

SEATS - ADJUSTER TRACK LOCKS AHEAD OF OTHER TRACK

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 <u>Driver or Passenger Seat Removal and Installation</u> .

REPAIR INSTRUCTIONS

DRIVER OR PASSENGER SEAT REMOVAL AND INSTALLATION

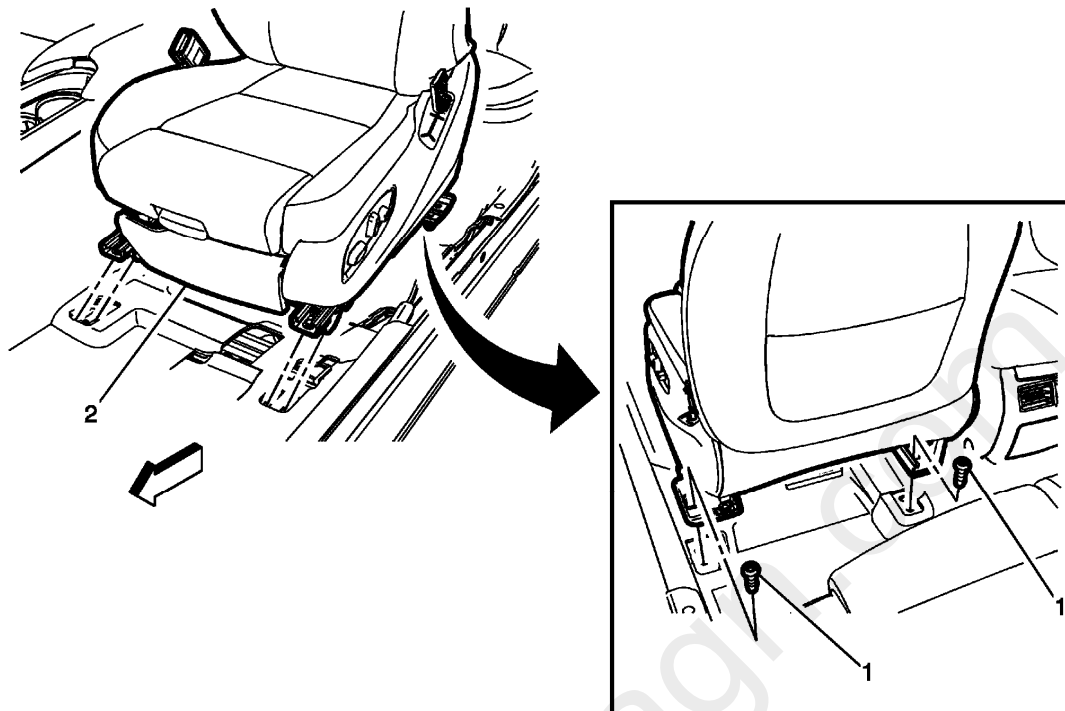


Fig. 1: Driver or Passenger Seat
Courtesy of GENERAL MOTORS COMPANY

Driver or Passenger Seat Removal and Installation

Callout	Component Name
WARNING: Refer to SIR Warning .	
Preliminary Procedure	
1. Disable the SIR system. Refer to SIR Disabling and Enabling .	
2. Disconnect the seat belt from the tensioner. Refer to Front Seat Belt Anchor Plate Tensioner Replacement .	
3. Remove the driver or passenger seat inner adjuster front finish cover. Refer to Driver or Passenger Seat Inner Adjuster Front Finish Cover Replacement .	
4. Remove the driver or passenger seat outer adjuster front finish cover. Refer to Driver or Passenger Seat Outer Adjuster Front Finish Cover Replacement (Front) , Driver or Passenger Seat Outer Adjuster Front Finish Cover Replacement (Rear) .	
5. Remove the front seat cushion front finish cover. Refer to Front Seat Cushion Front Finish Cover Replacement .	

1	Driver or Passenger Seat Bolt (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 45 N.m (33 lb ft)
2	Driver or Passenger Seat Assembly Procedure 1. Disconnect the front seat and tensioner electrical connector, and passenger presence system connector, if equipped. 2. With the aid of an assistant remove the front seat, by tilting the seat forward, and then lifting and pulling the seat rearwards to disengage the 4 front foot hooks. 3. If replacing with a new seat assembly, the new seat adjuster memory module requires programming. Refer to <u>Control Module References</u>

FRONT SEAT FRONT EXTENSION CUSHION REPLACEMENT

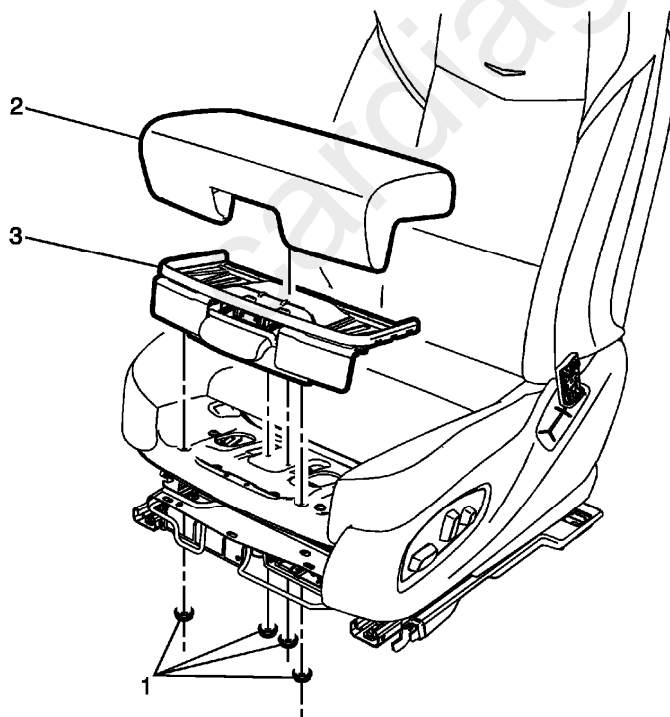


Fig. 2: Front Seat Front Extension Cushion
Courtesy of GENERAL MOTORS COMPANY

Front Seat Front Extension Cushion 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 cushion front finish cover. Refer to <u>Front Seat Cushion Front Finish Cover Replacement</u> .	
1	Front Seat Front Extension Cushion Fastener (Qty: 4) CAUTION: Refer to <u>Fastener Caution</u> . Procedure Raise the seat cushion frame to the full up position to gain access to the fasteners.
2	Front Seat Front Extension Cushion
3	Front Seat Front Extension Cushion Frame Procedure Transfer components as necessary.

FRONT SEAT CUSHION SIDE FINISH PANEL REPLACEMENT

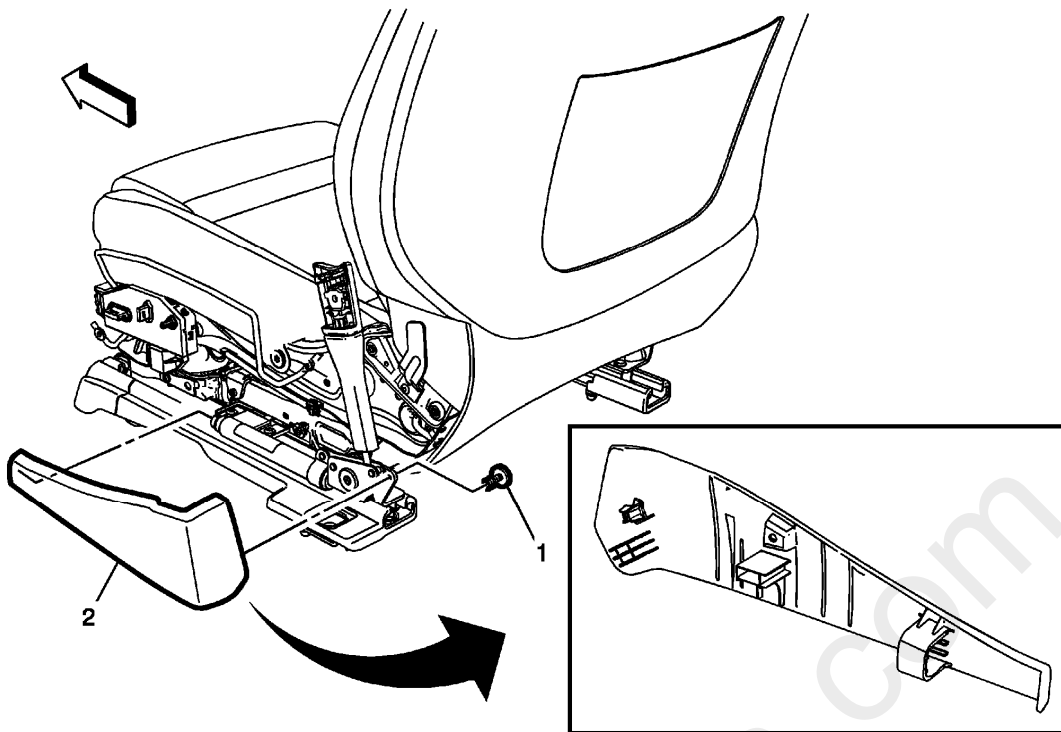


Fig. 3: Front Seat Cushion Side Finish Panel
 Courtesy of GENERAL MOTORS COMPANY

Front Seat Cushion Side Finish Panel Replacement

Callout	Component Name
1	Front Seat Cushion Side Finish Panel Retainer CAUTION: Refer to <u>Fastener Caution</u> .
2	Front Seat Cushion Side Finish Panel Procedure 1. Raise the seat to the highest position to gain access to the finish panel. 2. Unclip the seat tensioner wiring harness from the cover. 3. Remove the finish panel retainer (1). 4. Slide the finish cover forward off the tensioner rod.

DRIVER OR PASSENGER SEAT CUSHION OUTER FINISH PANEL REPLACEMENT

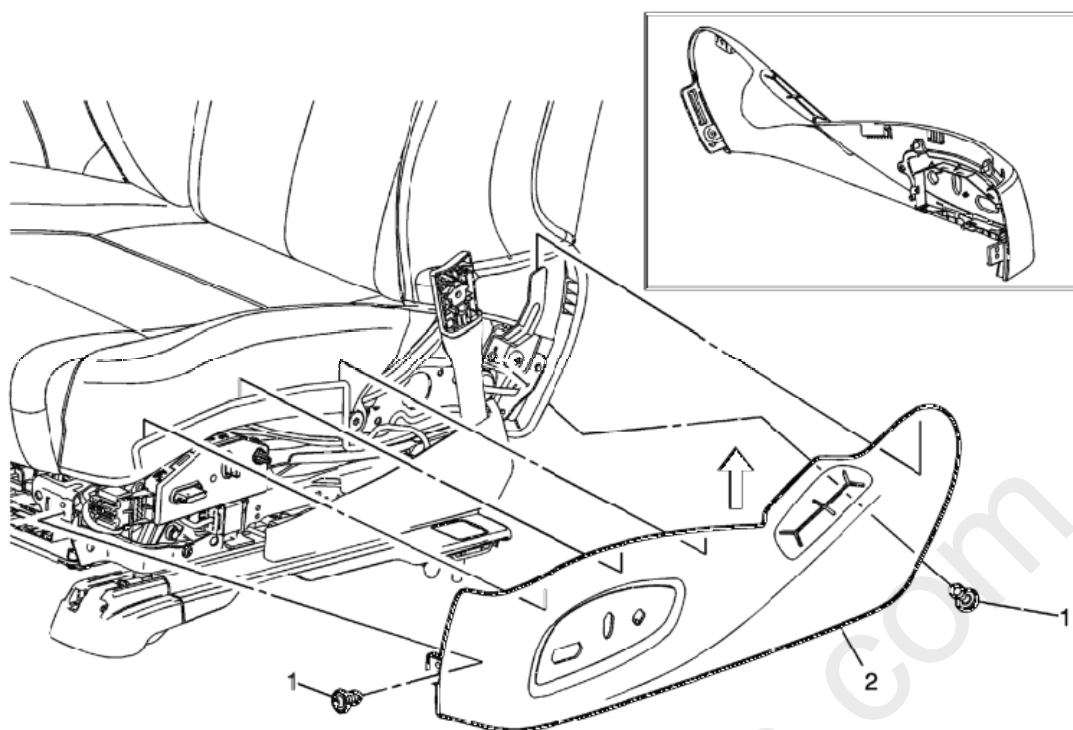


Fig. 4: Driver or Passenger Seat Cushion Outer Finish Panel
Courtesy of GENERAL MOTORS COMPANY

Driver or Passenger Seat Cushion Outer Finish Panel 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>. 3. Remove the front seat recliner knob. Refer to <u>Front Seat Recliner Knob Replacement</u>. 4. Remove the driver or passenger seat lumbar support actuator knob. Refer to <u>Driver or Passenger Seat Lumbar Support Actuator Knob Replacement</u>. 5. Remove the front seat adjuster knob. Refer to <u>Front Seat Adjuster Knob Replacement</u>.	
1	Front Seat Cushion Outer Finish Cover Retainer (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> .
2	Front Seat Cushion Outer Finish Cover Procedure 1. Disengage the seat back cushion finish panel straps and pull back the toe kick cover to gain access to the rear fastener.

2. Remove the outer finish panel by pulling upward near the retainer clip locations.
3. Disconnect the electrical connectors.
4. If replacing the finish panel, transfer components as necessary.

DRIVER OR PASSENGER SEAT INNER ADJUSTER FRONT FINISH COVER REPLACEMENT

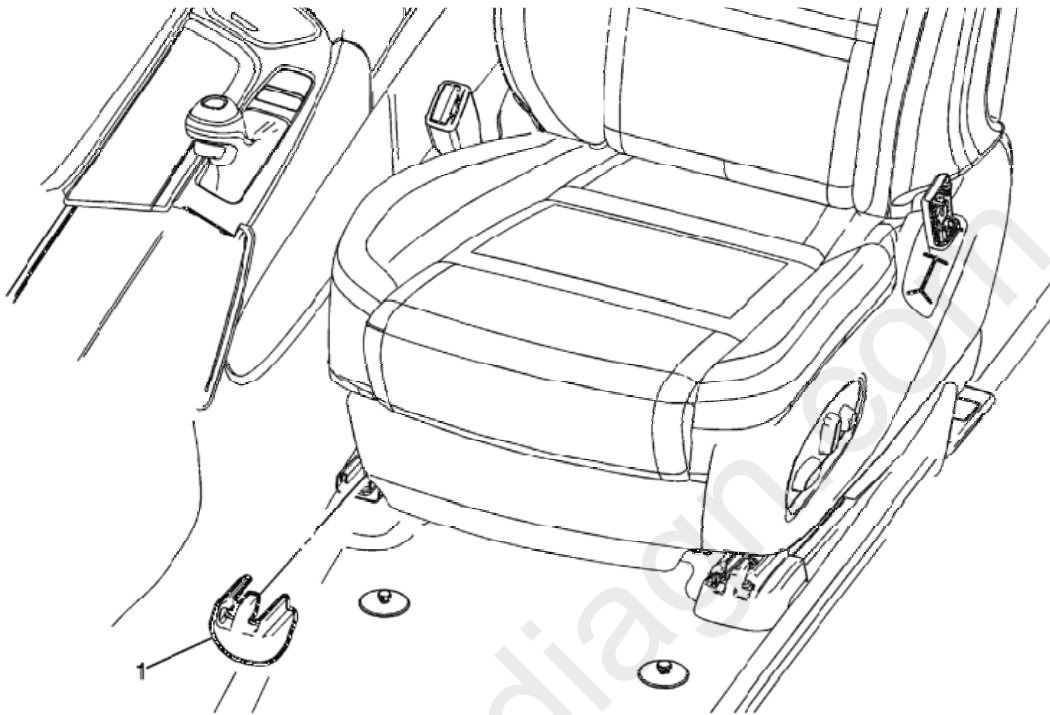


Fig. 5: Driver or Passenger Seat Inner Adjuster Front Finish Cover
Courtesy of GENERAL MOTORS COMPANY

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 both sides of the finish cover pulling the sides outward to disengage the top of the cover off of the track. 3. Remove the finish cover by sliding the cover forward and then pull down on the finish cover to disengage it from the track.

DRIVER OR PASSENGER SEAT OUTER ADJUSTER FRONT FINISH COVER REPLACEMENT (FRONT)

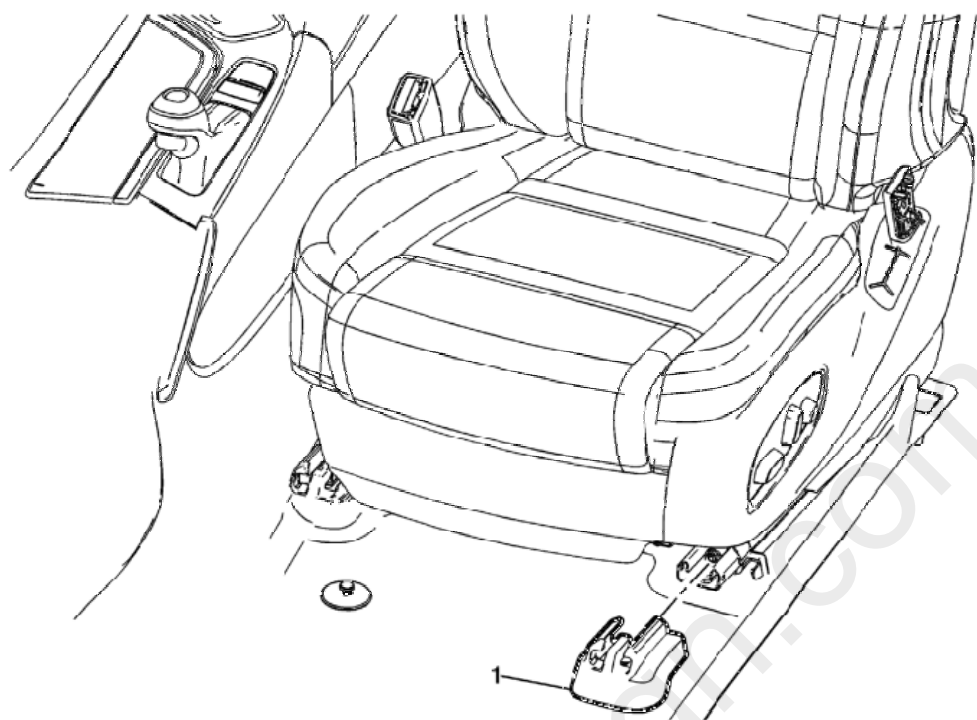


Fig. 6: Driver or Passenger Seat Outer Adjuster Front Finish Cover (Front)
Courtesy of GENERAL MOTORS COMPANY

Driver or Passenger Seat Outer Adjuster Front Finish Cover Replacement (Front)

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 both sides of the finish cover pulling the sides outward to disengage the top of the cover off of the track. 3. Remove the finish cover by sliding the cover forward and then pull down on the finish cover to disengage it from the track.

DRIVER OR PASSENGER SEAT OUTER ADJUSTER FRONT FINISH COVER REPLACEMENT (REAR)

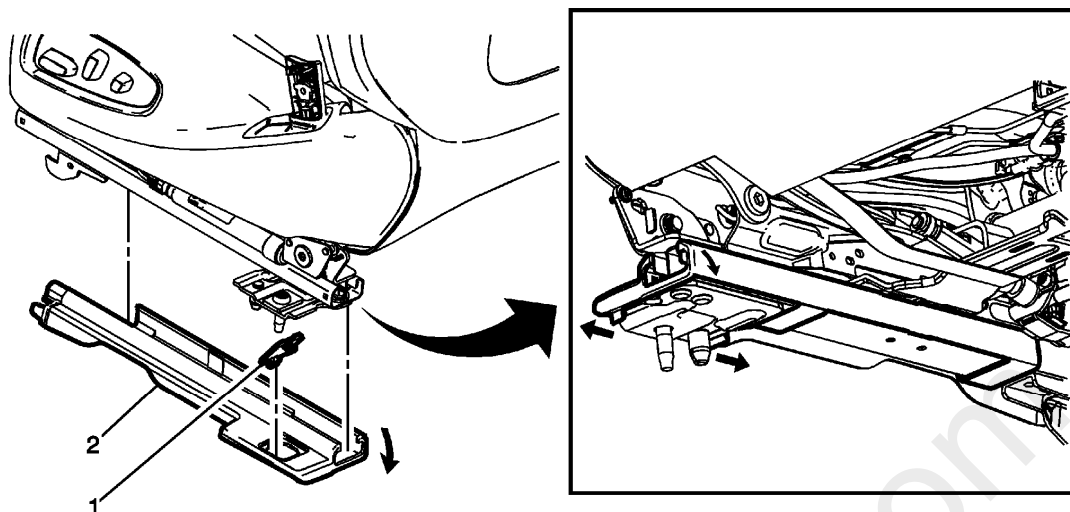


Fig. 7: Driver or Passenger Seat Outer Adjuster Front Finish Cover (Rear)
 Courtesy of GENERAL MOTORS COMPANY

Driver or Passenger Seat Outer Adjuster Front Finish Cover Replacement (Rear)

Callout	Component Name
Preliminary Procedure	
Remove the driver or passenger seat. Refer to <u>Driver or Passenger Seat Removal and Installation</u>	
1	Front Seat Outer Adjuster Front Finish Cover Fastener Cap
2	Front 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. Firmly grasp the lower rear area of the finish cover, this area needs to be flexed outward then downward to disengage it from the seat cushion track. 2. Remove the finish cover by gently pulling the cover outward to disengage it fully from the seat cushion track.

DRIVER OR PASSENGER SEAT INNER ADJUSTER REAR FINISH COVER REPLACEMENT

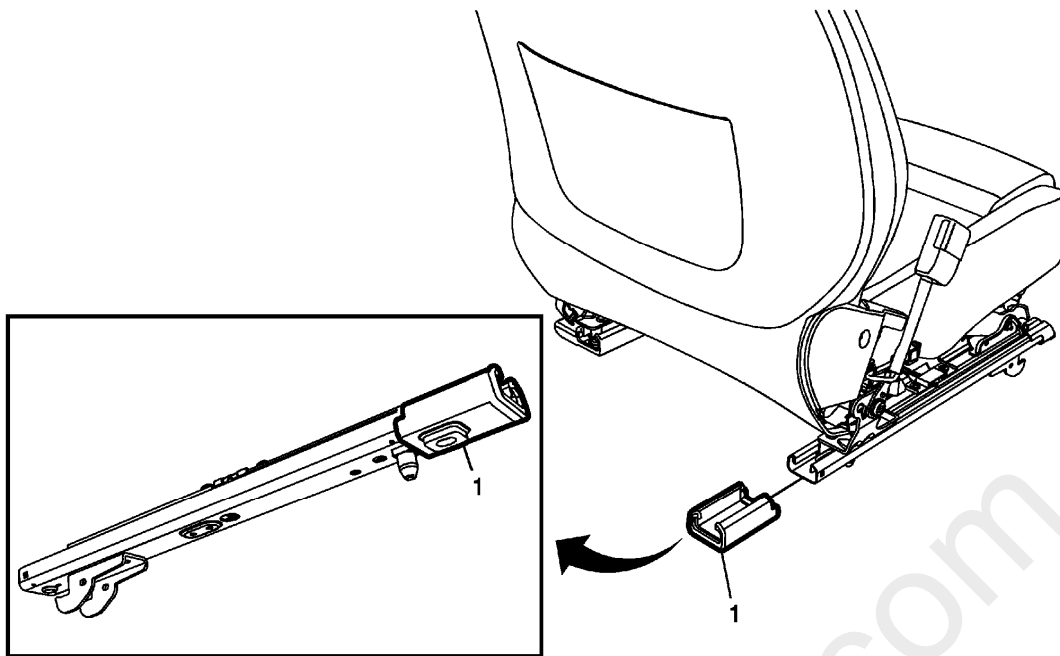


Fig. 8: Driver or Passenger Seat Inner Adjuster Rear Finish Cover
 Courtesy of GENERAL MOTORS COMPANY

Driver or Passenger Seat Inner Adjuster Rear Finish Cover Replacement

Callout	Component Name
1	Driver or Passenger Seat Inner Adjuster Rear 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 forward position to gain access to the rear bolts. 2. Remove the seat bolts and then firmly grasp both sides of the finish cover pulling the sides outward to disengage the top of the cover off of the track. 3. Remove the finish cover by sliding the cover rearward and then pull down on the finish cover to disengage it from the track. 4. For the front seat bolts re-installation torque information. Refer to <u>Driver or Passenger Seat Removal and Installation</u>

FRONT SEAT ADJUSTER KNOB REPLACEMENT

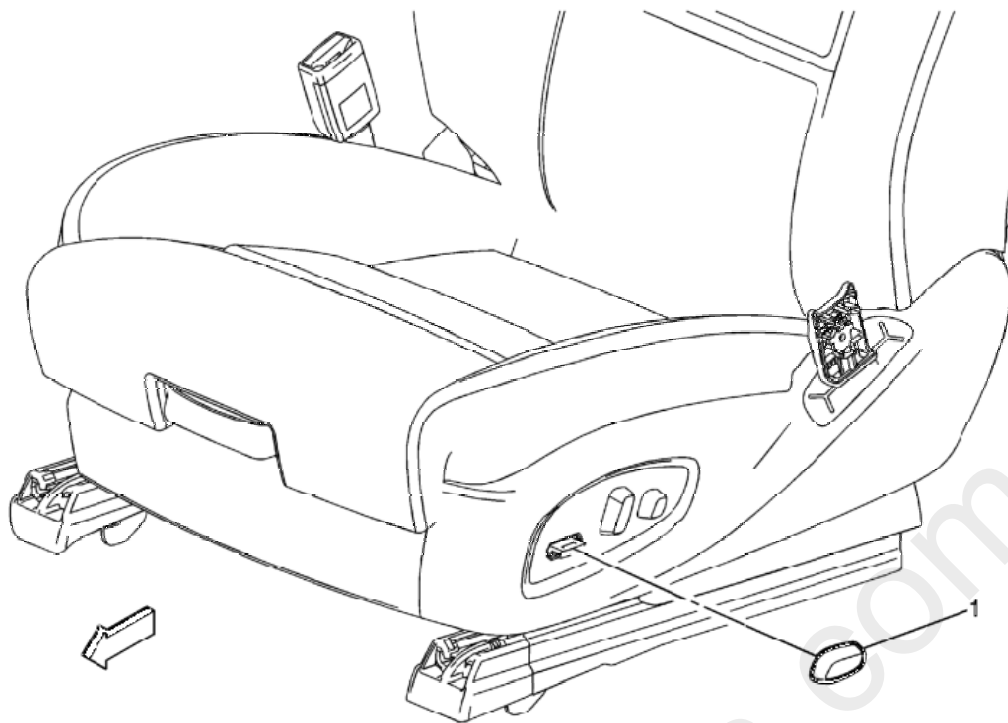


Fig. 9: Front Seat Adjuster Knob
 Courtesy of GENERAL MOTORS COMPANY

Front Seat Adjuster Knob Replacement

Callout	Component Name
1	Front Seat Adjuster Knob
Procedure Use a non-metal flat-bladed tool to release the adjuster knob from the outer finish panel.	

DRIVER OR PASSENGER SEAT HEAD RESTRAINT REPLACEMENT

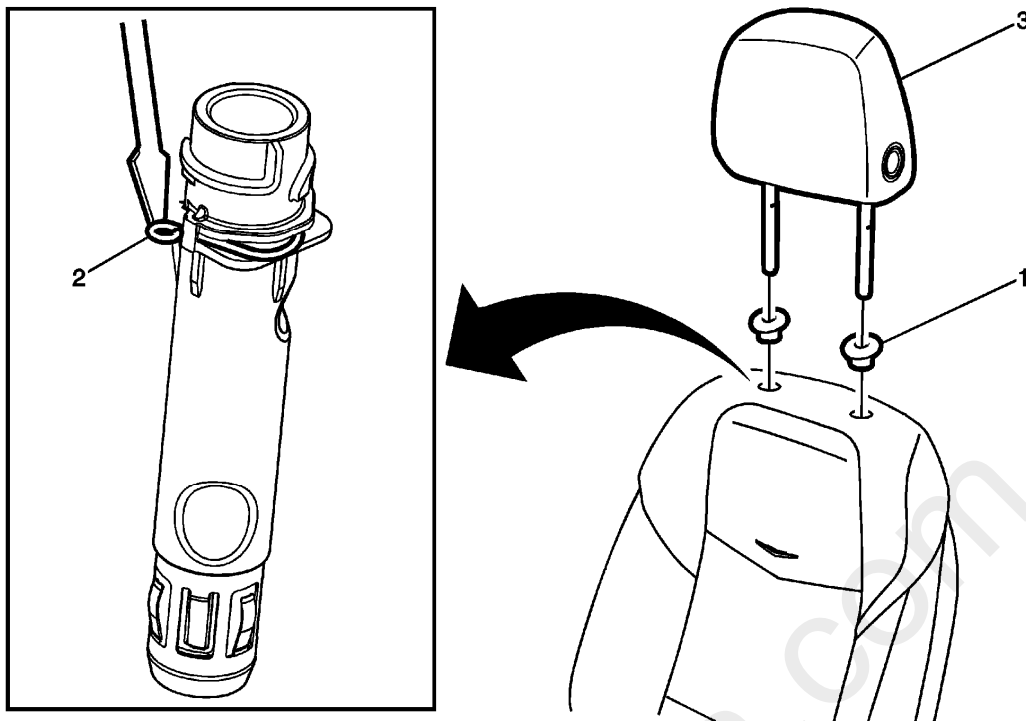


Fig. 10: Driver or Passenger Seat Head Restraint
 Courtesy of GENERAL MOTORS COMPANY

Driver or Passenger Seat Head Restraint Replacement

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

DRIVER OR PASSENGER SEAT HEAD RESTRAINT GUIDE REPLACEMENT

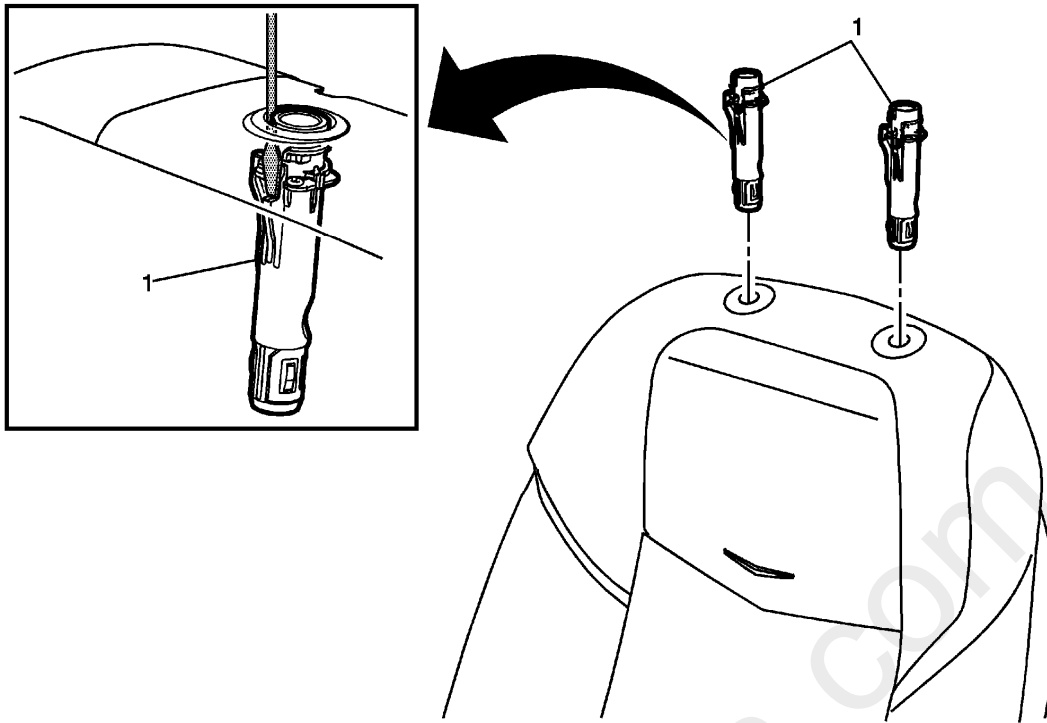


Fig. 11: Driver or Passenger Seat Head Restraint Guide
 Courtesy of GENERAL MOTORS COMPANY

Driver or Passenger Seat Head Restraint Guide Replacement

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

FRONT SEAT HEAD RESTRAINT GUIDE BEZEL REPLACEMENT

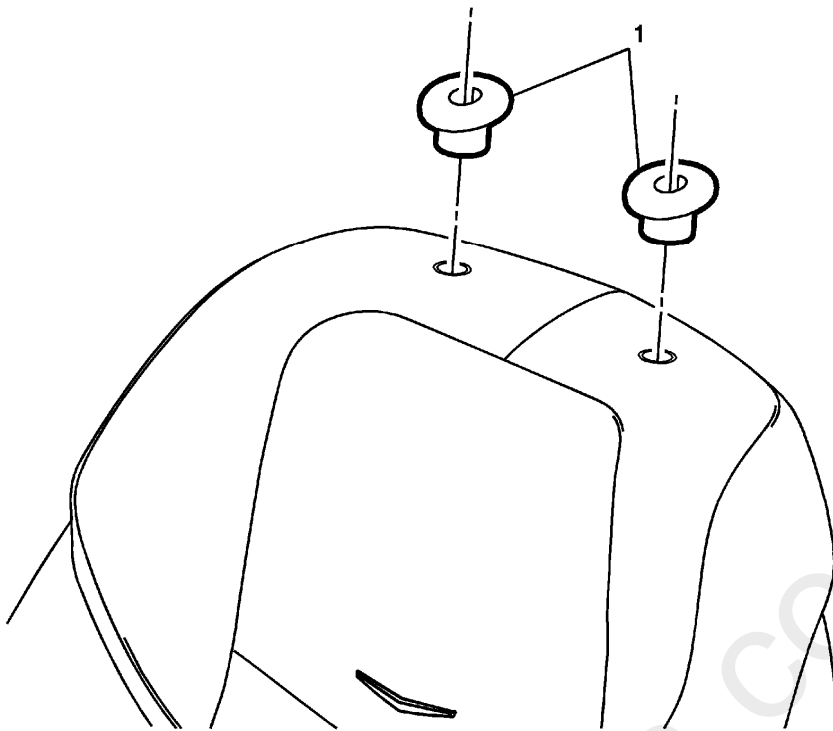


Fig. 12: Front Seat Head Restraint Guide Bezel
Courtesy of GENERAL MOTORS COMPANY

Front Seat Head Restraint Guide Bezel Replacement

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

DRIVER OR PASSENGER SEAT ADJUSTER FINISH COVER RETAINER REPLACEMENT

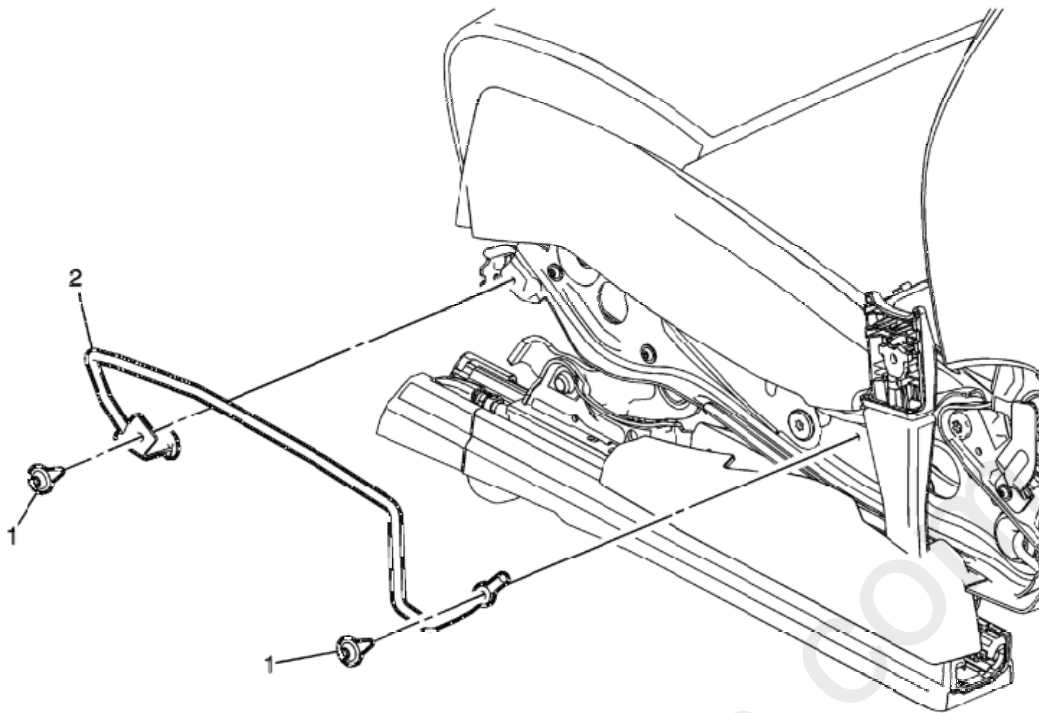


Fig. 13: Driver or Passenger Seat Adjuster Finish Cover Retainer
 Courtesy of GENERAL MOTORS COMPANY

Driver or Passenger Seat Adjuster Finish Cover Retainer Replacement

Callout	Component Name
Preliminary Procedures Remove the front seat cushion outer finish panel. Refer to <u>Driver or Passenger Seat Cushion Outer Finish Panel Replacement</u> .	
1	Driver or Passenger Seat Adjuster Finish Cover Retainer Screw (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> .
2	Driver or Passenger Seat Adjuster Finish Cover Retainer Procedure Unclip the wire harness retainer from the seat adjuster finish cover retainer.

FRONT SEAT OUTER RECLINER FINISH COVER BRACKET REPLACEMENT

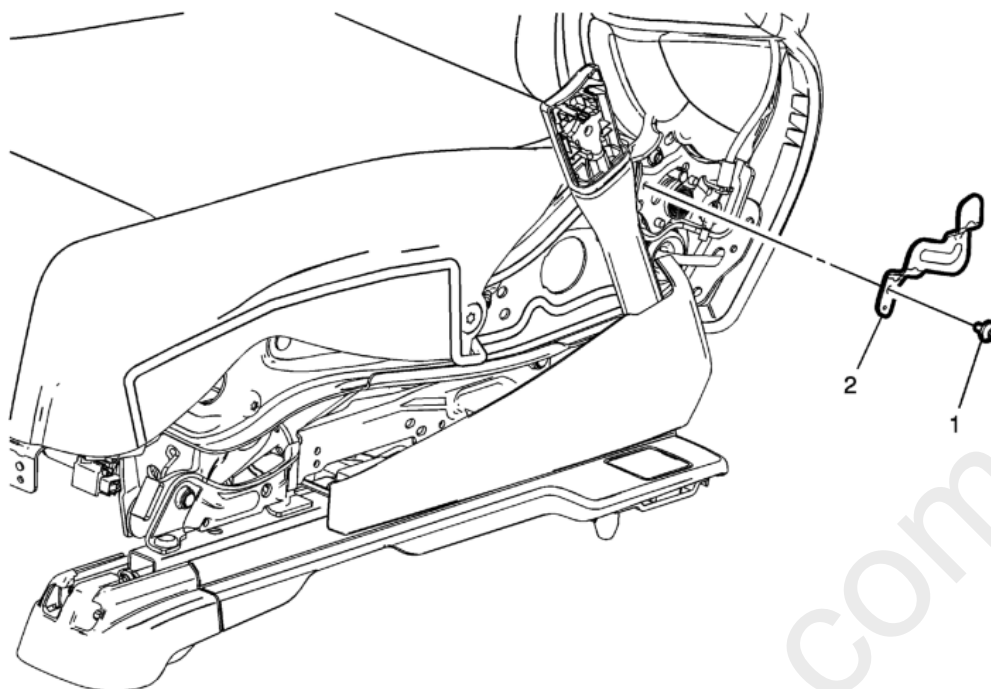


Fig. 14: Front Seat Outer Recliner Finish Cover Bracket
 Courtesy of GENERAL MOTORS COMPANY

Front Seat Outer Recliner Finish Cover Bracket Replacement

Callout	Component Name
Preliminary Procedure Remove the driver or passenger seat cushion outer finish panel. Refer to <u>Driver or Passenger Seat Cushion Outer Finish Panel Replacement</u> .	
1	Front Seat Outer Recliner Finish Cover Bracket Screw (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 4 N.m (35 lb in)
2	Front Seat Outer Recliner Finish Cover Bracket Procedure If replacing with a new front seat back cushion frame, transfer components as necessary.

DRIVER OR PASSENGER SEAT INNER RECLINER FINISH COVER REPLACEMENT

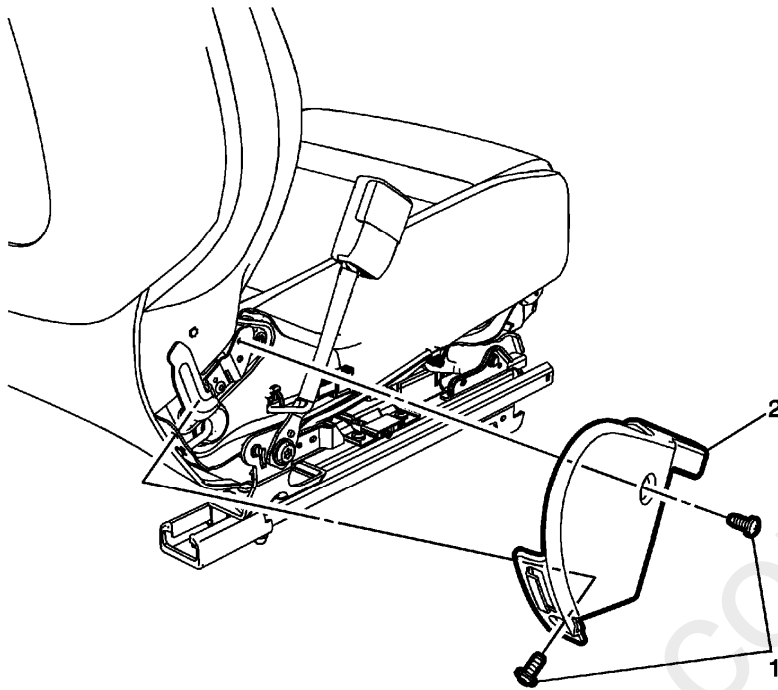


Fig. 15: Driver or Passenger Seat Inner Recliner Finish Cover
 Courtesy of GENERAL MOTORS COMPANY

Driver or Passenger Seat Inner Recliner Finish Cover Replacement

Callout	Component Name
Preliminary Procedure Remove the driver or passenger seat. Refer to <u>Driver or Passenger Seat Removal and Installation</u> .	
1	Driver or Passenger Seat Inner Recliner Finish Cover Fastener (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> .
2	Driver or Passenger Seat Inner Recliner Finish Cover Procedure 1. Disengage the seat back cushion finish panel straps and pull back the toe kick cover to gain access to the rear fastener. 2. Remove the inner finish cover by pulling upward.

FRONT SEAT CUSHION FRONT FINISH COVER REPLACEMENT

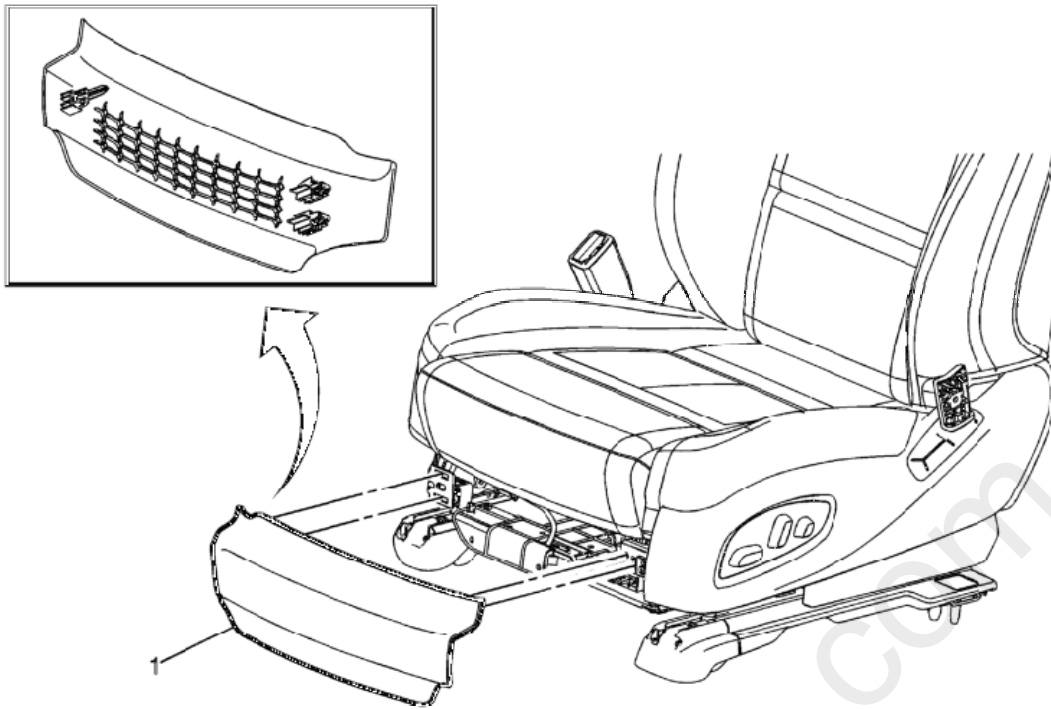


Fig. 16: Front Seat Cushion Front Finish Cover
 Courtesy of GENERAL MOTORS COMPANY

Front Seat Cushion Front Finish Cover Replacement

Callout	Component Name
1	Front Seat Cushion Front Finish Cover Procedure 1. Raise the seat to the highest position. 2. Pull the inboard side of the cover forward first to disengage the retainer clips. 3. Remove the front finish cover by pulling outward near the retainer clip locations.

DRIVER OR PASSENGER SEAT CUSHION FRAME REPLACEMENT

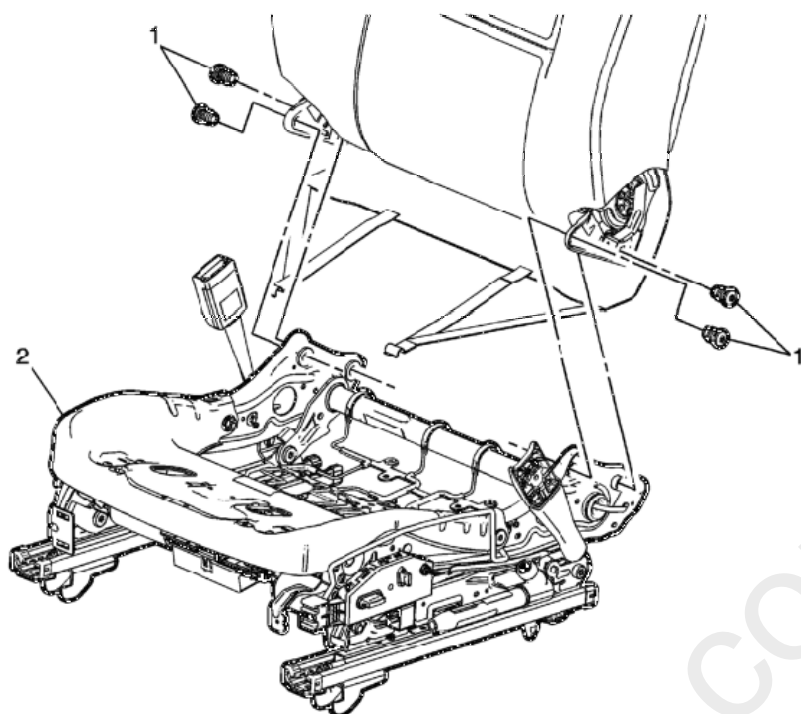


Fig. 17: Driver or Passenger Seat Cushion Frame & Bolts
 Courtesy of GENERAL MOTORS COMPANY

Driver or Passenger Seat Cushion Frame Replacement

Callout	Component Name
WARNING: Refer to <u>SIR Warning</u> .	
Preliminary Procedures	
1. Remove the front seat outer recliner finish cover bracket, if equipped. Refer to <u>Front Seat Outer Recliner Finish Cover Bracket Replacement</u> . 2. Remove the driver or passenger seat back cushion cover and pad. Refer to <u>Driver or Passenger Seat Back Cover and Pad Replacement</u> .	
1	Driver or Passenger Seat Cushion Frame Bolt (Qty: 4) CAUTION: Refer to <u>Fastener Caution</u> . Procedure Clean the thread locking compound from the bolts and reapply new thread locker. The bolts are held in by red high strength locktite. Tighten 50 (37 lb ft)

	Driver or Passenger Seat Cushion Frame
	Procedure
2	1. Disconnect electrical connectors as needed. 2. 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> . 3. Program the inflatable restraint passenger presence system after replacement. Refer to <u>Control Module References</u> . 4. If replacing with a new front seat cushion frame, transfer components as necessary.

FRONT SEAT CUSHION SUPPORT REPLACEMENT

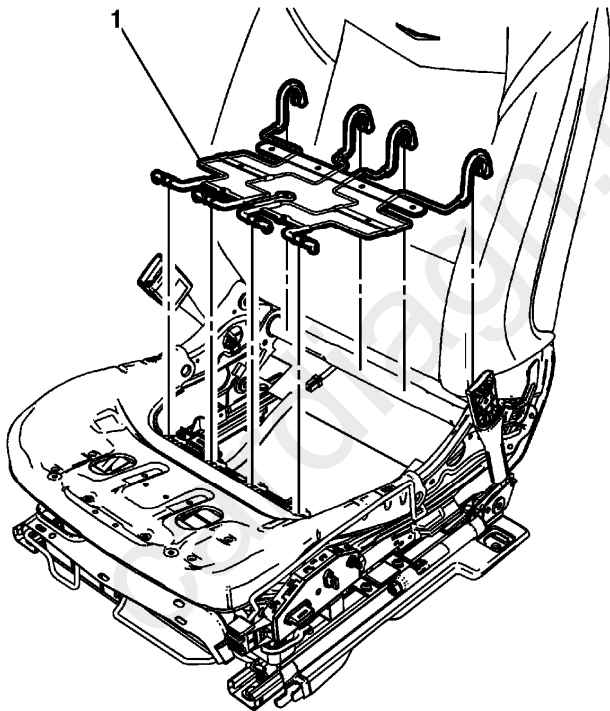


Fig. 18: Front Seat Cushion Support
Courtesy of GENERAL MOTORS COMPANY

Front Seat Cushion Support Replacement

Callout	Component Name
WARNING: Refer to <u>SIR Warning</u> Preliminary Procedure	

1. Remove the driver or passenger seat. Refer to **Driver or Passenger Seat Removal and Installation.**
2. Remove the front seat cushion cover and pad. Refer to **Driver or Passenger Seat Cushion Pad Replacement.**
3. Program the inflatable restraint passenger presence system after replacement. Refer to **Control Module References** .

1	Front Seat Cushion Support Procedure Unclip the electrical harness retainer from the front seat cushion support.
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FRONT SEAT CUSHION COVER AND PAD REPLACEMENT

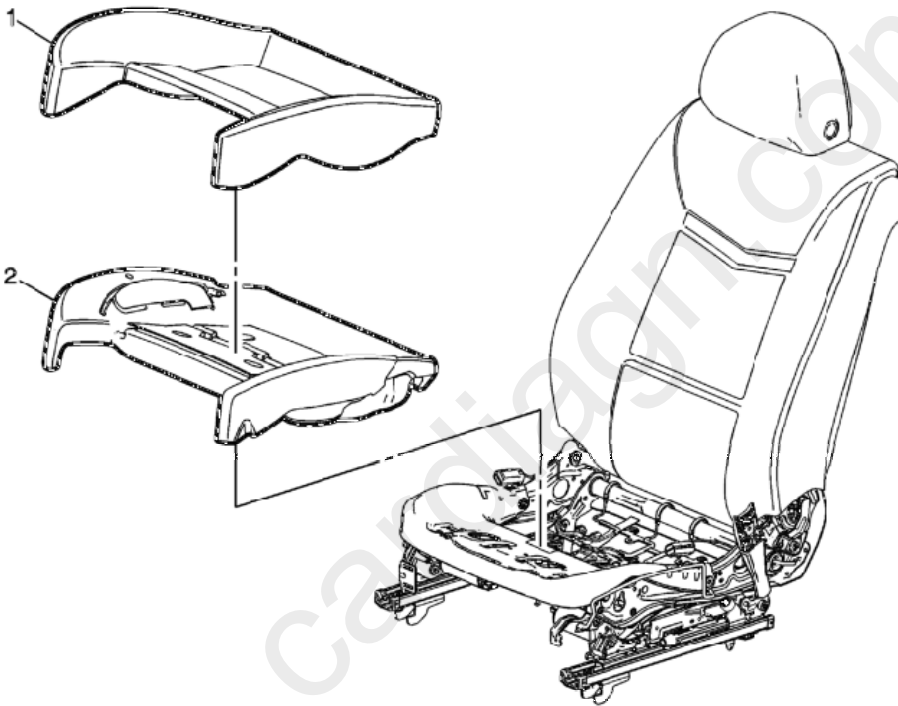


Fig. 19: Front Seat Cushion Cover & Pad
Courtesy of GENERAL MOTORS COMPANY

Front Seat Cushion Cover and Pad Replacement

Callout	Component Name
WARNING: Refer to <u>SIR Warning</u> .	
Preliminary Procedures	
1. Disable the SIR system. Refer to <u>SIR Disabling and Enabling</u> . 2. Remove the driver or passenger seat. Refer to <u>Driver or Passenger Seat Removal and</u>	

Installation.

3. Remove the driver or passenger seat inner recliner finish cover. Refer to **Driver or Passenger Seat Inner Recliner Finish Cover Replacement.**
4. Remove the front seat cushion outer finish panel. Refer to **Driver or Passenger Seat Cushion Outer Finish Panel Replacement.**
5. Remove the driver or passenger seat adjuster finish cover retainer. Refer to **Driver or Passenger Seat Adjuster Finish Cover Retainer Replacement.**
6. Remove the front seat front extension cushion, if equipped. Refer to **Front Seat Front Extension Cushion Replacement.**
7. Whenever the inflatable restraint passenger presence system or any component of the passenger presence system is removed. Refer to **Control Module References** .

1	Driver or Passenger Seat Cushion Cover Procedure 1. Disengage the J-channel retainers from the seat cushion frame. 2. Disconnect any or all electrical connectors, if equipped. 3. Remove the seat cushion cover and pad from the seat cushion frame as an assembly. 4. Remove the hog rings retaining the cover to the pad. 5. Pull the cover away from the pad to disengage the retainers. 6. 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>
2	Driver or Passenger Seat Cushion Pad Procedure Separate the seat cushion cover from the seat cushion pad by pulling the cover away from the pad.

DRIVER OR PASSENGER SEAT CUSHION PAD REPLACEMENT

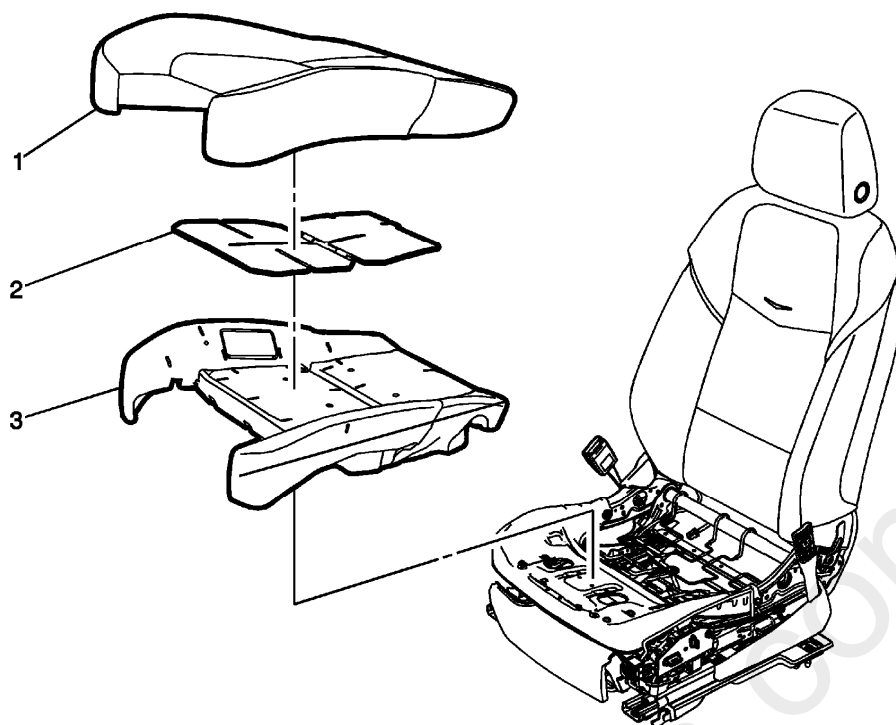


Fig. 20: Driver or Passenger Seat Cushion Pad
Courtesy of GENERAL MOTORS COMPANY

Driver or Passenger Seat Cushion Pad Replacement

Callout	Component Name
WARNING: Refer to <u>SIR Warning</u> .	
Preliminary Procedures	
1. Disable the SIR system. Refer to <u>SIR Disabling and Enabling</u> . 2. Remove the driver or passenger seat. Refer to <u>Driver or Passenger Seat Removal and Installation</u> . 3. Remove the driver or passenger seat inner recliner finish cover. Refer to <u>Driver or Passenger Seat Inner Recliner Finish Cover Replacement</u> . 4. Remove the front seat cushion outer finish panel. Refer to <u>Driver or Passenger Seat Cushion Outer Finish Panel Replacement</u> . 5. Remove the front seat front extension, if equipped. Refer to <u>Front Seat Front Extension Cushion Replacement</u> . 6. Whenever the inflatable restraint passenger presence system or any component of the passenger presence system is removed. Refer to <u>Control Module References</u> .	
	Driver or Passenger Seat Cushion Cover
	Procedure

1	1. Disengage the J-channel retainers from the seat cushion frame. 2. Disconnect any or all electrical connectors, if equipped. 3. Remove the seat cushion cover and pad from the seat cushion frame as an assembly. 4. Remove all hog rings attaching the cover to the pad and replace with new. 5. Pull the cover away from the pad to disengage the retainers. 6. If the seat is equipped with the lane departure warning actuator, transfer the actuator as necessary. Refer to <u>Front Seat Lane Departure Warning Actuator Replacement</u> 7. 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>
2	Front Seat Cushion Heater, if equipped.
3	Driver or Passenger Seat Cushion Pad Procedure Transfer parts as necessary.

DRIVER OR PASSENGER SEAT BACK COVER AND PAD REPLACEMENT

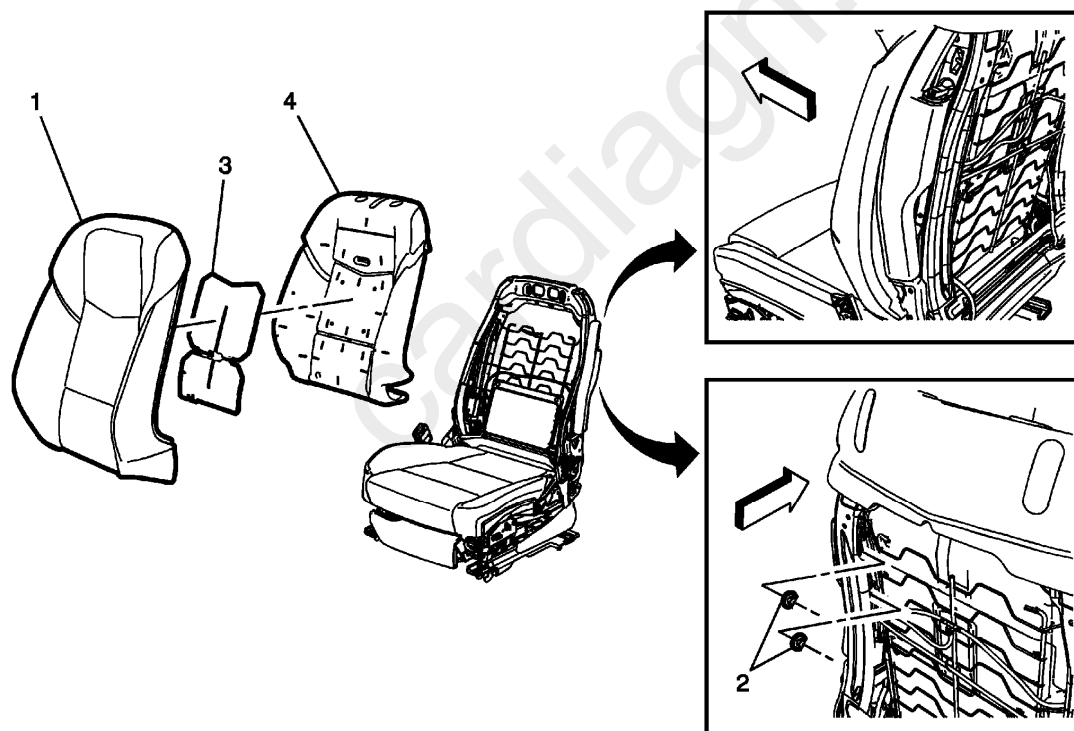


Fig. 21: Driver or Passenger Seat Back Cover and Pad
Courtesy of GENERAL MOTORS COMPANY

Driver or Passenger Seat Back Cover and Pad Replacement

Callout	Component Name
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WARNING:

Refer to SIR Warning .

WARNING:

Do not repair or replace the seat stitching or seams in the seat back trim cover with an internal mounted seat side airbag module. Replace the complete seat back trim cover from the OEM. Non-OEM seat stitching may cause improper airbag deployment which could result in personal injury.

Preliminary Procedures

1. Disable the SIR system. Refer to SIR Disabling and Enabling .
2. Remove the driver or passenger seat. Refer to Driver or Passenger Seat Removal and Installation.
3. Remove the driver or passenger head restraint. Refer to Driver or Passenger Seat Head Restraint Replacement.
4. Remove the driver or passenger seat inner recliner finish cover. Refer to Driver or Passenger Seat Inner Recliner Finish Cover Replacement.
5. Remove the driver or passenger seat back cushion finish panel. Refer to Front Seat Back Cushion Finish Panel Replacement.
6. Remove the front seat cushion outer finish panel. . Refer to Driver or Passenger Seat Cushion Outer Finish Panel Replacement.

1	Seat Back Cushion Assembly Procedure 1. Disengage the J-channel retainers that route the seat back cover over the airbag module and attach to the airbag module bracket. 2. Disengage the retainer near the airbag module. 3. Remove the airbag module nuts (2). Note the airbag module and harness routing for re-installation. 4. Disengage the remaining J-channel retainers that route the seat back cover under the airbag module and around the complete seat back frame. Note the routing of the cover for re-installation. The airbag module should be mounted through the holes in the seat back cover panel. 5. Remove the seat cover and pad from the frame. 6. Disconnect electrical connectors, if equipped.
2	Driver or Passenger Seat Side Inflatable Restraint Module Nut (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 3.5 (31 lb in)

3	Front Seat Back Cushion Heater, If Equipped
4	Front Seat Back Cushion Pad Procedure Separate the seat cushion cover from the seat cushion pad by removing all hog rings and pulling the cover away from the pad.

DRIVER OR PASSENGER SEAT BACK CUSHION FRAME REPLACEMENT

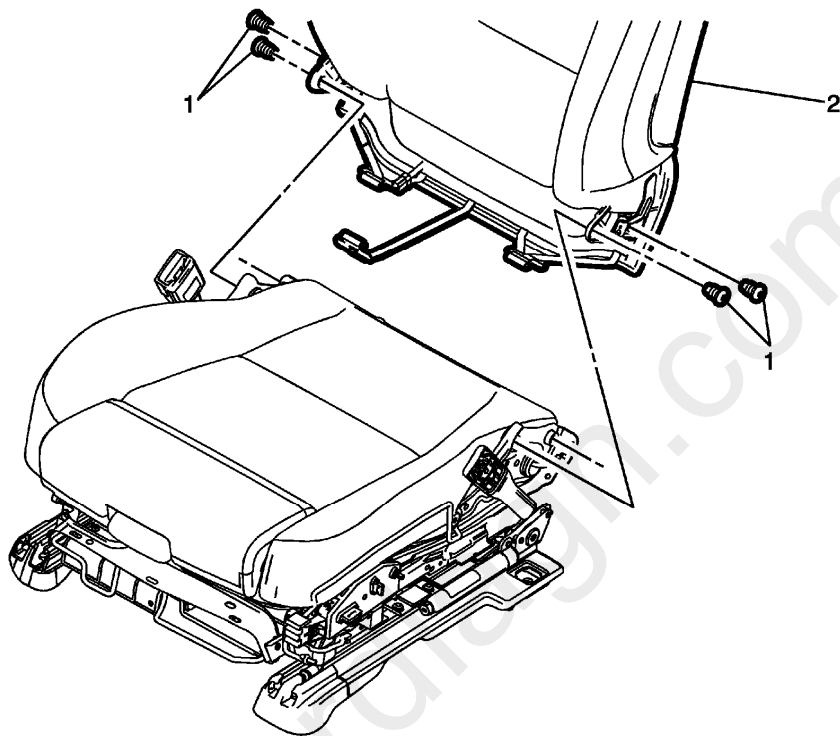


Fig. 22: Driver or Passenger Seat Back Cushion Frame
 Courtesy of GENERAL MOTORS COMPANY

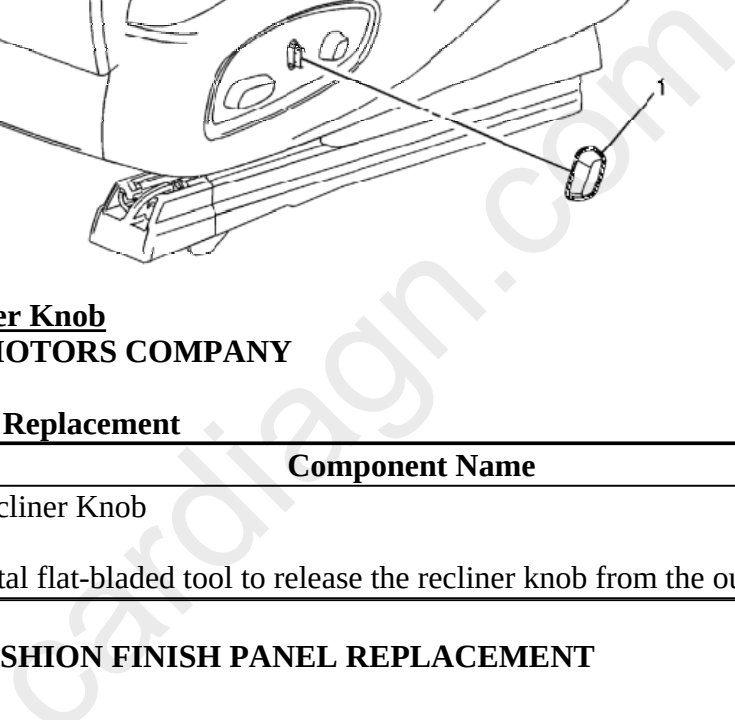
Driver or Passenger Seat Back Cushion Frame Replacement

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 Procedures	
1. Disable the SIR system. Refer to <u>SIR Disabling and Enabling</u> .	

2. Remove the front seat outer recliner finish cover bracket, if equipped. Refer to **Front Seat Outer Recliner Finish Cover Bracket Replacement**.
3. Remove the driver or passenger seat. Refer to **Driver or Passenger Seat Removal and Installation**.
4. Remove the driver or passenger seat back cushion cover and pad. Refer to **Driver or Passenger Seat Back Cover and Pad Replacement**.

1	Driver or Passenger Seat Back Cushion Frame Bolt (Qty: 4) CAUTION: Refer to <u>Fastener Caution</u> . Procedure Clean the thread locking compound from the bolts and reapply new thread locker. The bolts are held in by red high strength locktite. Tighten 50 N.m (37 lb ft)
2	Driver or Passenger Seat Back Cushion Frame Procedure 1. Disconnect electrical connectors as needed. 2. Transfer components as necessary.

FRONT SEAT RECLINER KNOB REPLACEMENT



Courtesy of GENERAL MOTORS COMPANY

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

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

FRONT SEAT BACK CUSHION FINISH PANEL REPLACEMENT

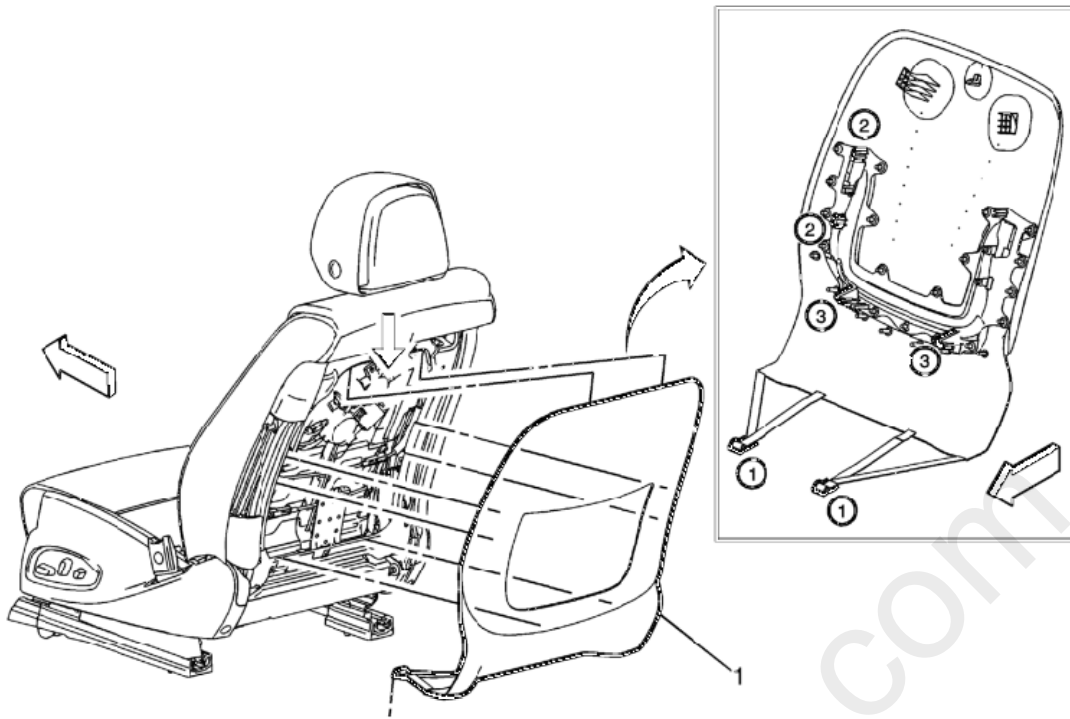


Fig. 24: Front Seat Back Cushion Finish Panel
 Courtesy of GENERAL MOTORS COMPANY

Front Seat Back Cushion Finish Panel Replacement

Callout	Component Name
1	Front Seat Back Cushion Finish Panel Procedure 1. Detach the seat back cushion cover bottom two bungie clips from the crossbar. 2. Push the panel upward first to disengage the lower retainers. 3. Move the finish panel and side clips to one side to disengage the panel from the seat frame.

DRIVER OR PASSENGER SEAT LUMBAR SUPPORT REPLACEMENT

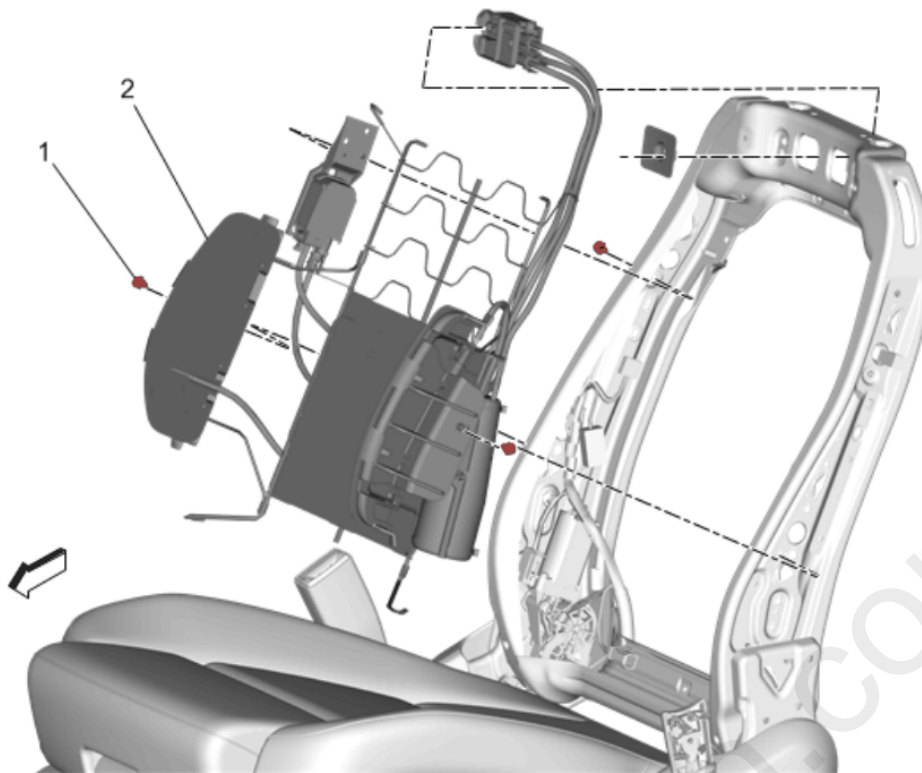


Fig. 25: Driver or Passenger Seat Lumbar Support
 Courtesy of GENERAL MOTORS COMPANY

Driver or Passenger Seat Lumbar Support 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 driver or passenger seat back cushion cover and pad. Refer to <u>Driver or Passenger Seat Back Cover and Pad Replacement</u> .	
1	Front Seat Lumbar Support Fastener (Qty: 3) CAUTION: Refer to <u>Fastener Caution</u> .
2	Front Seat Lumbar Support Procedure 1. Disconnect the electrical connectors. 2. Squeeze the center retaining tabs to separate and remove the upper valve block from

the seat frame.

3. Pull outward at the bottom of the seat to release the bottom support wires.
4. Disengage the lumbar support retainer from the seat back frame.
5. Pull the bottom of the lumbar forward and up until the lumbar support wires disengage from the seat back frame.

DRIVER OR PASSENGER SEAT LUMBAR SUPPORT ACTUATOR KNOB REPLACEMENT

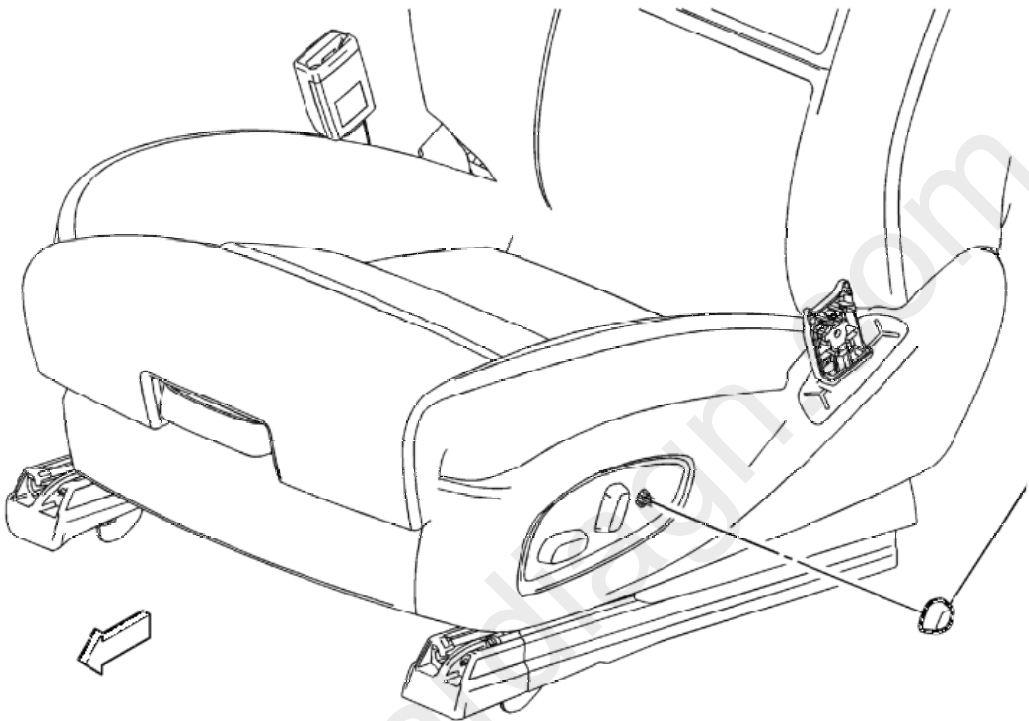


Fig. 26: Driver or Passenger Seat Lumbar Support Actuator Knob
Courtesy of GENERAL MOTORS COMPANY

Driver or Passenger Seat Lumbar Support Actuator Knob Replacement

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

REAR SEAT ARMREST REPLACEMENT (WITH AM9)

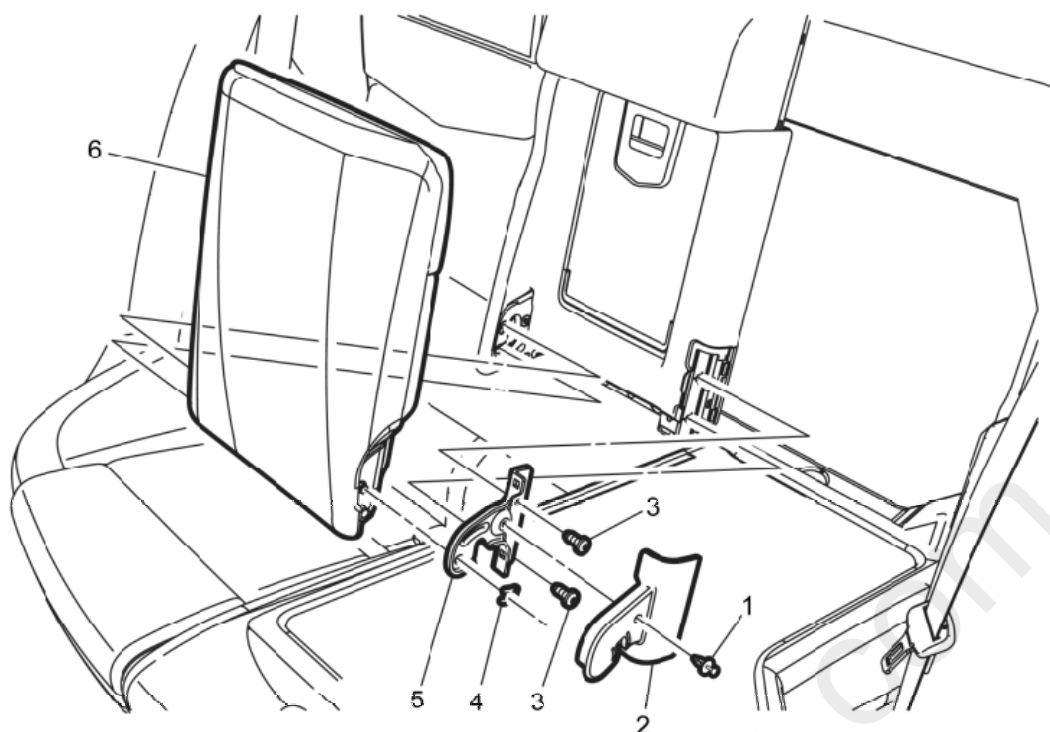


Fig. 27: Rear Seat Armrest (with AM9)
 Courtesy of GENERAL MOTORS COMPANY

Rear Seat Armrest Replacement (with AM9)

Callout	Component Name
1	Rear Seat Armrest Hinge Finish Cover Retainer Procedure 1. Fold the 40% seat in the down position, reposition the 60% seat as necessary for access. 2. Release the retainer.
2	Rear Seat Armrest Hinge Finish Cover Procedure 1. Release cover retaining tabs. 2. Remove the rear seat armrest hinge finish cover.
3	Rear Seat Armrest Fastener (Qty 2) CAUTION: Refer to <u>Fastener Caution</u> .
4	Rear Seat Armrest Clip
5	Rear Seat Armrest Hinge Finish Bracket

Rear Seat Armrest

NOTE:

The inner portion of the armrest must be released from the hinge prior to removal.

6

Procedure

1. Reposition the seat cover material to access the inner hinge cover.
2. Reposition the hinge retainer using a flat bladed tool.
3. Reposition the armrest in the hinge, the retainer will remain raised when released properly.

REAR SEAT ARMREST REPLACEMENT (WITHOUT AM9)

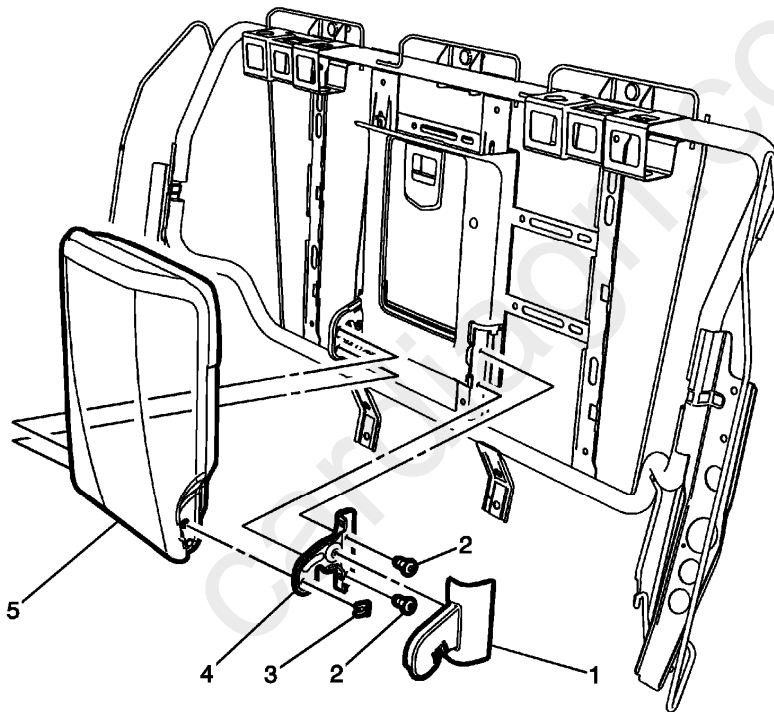


Fig. 28: Rear Seat Armrest (without AM9)

Courtesy of GENERAL MOTORS COMPANY

Rear Seat Armrest Replacement (without AM9)

Callout	Component Name
Preliminary Procedures	
1.	Remove the rear seat cushion. Refer to <u>Rear Seat Cushion Removal and Installation.</u>
2.	Remove the rear seat back cushion. Refer to <u>Rear Seat Back Cushion Removal and Installation (without AM9).</u>

3. Remove the rear seat head restraint guides. Refer to <u>Rear Seat Head Restraint Guide Replacement (without AM9)</u> .	
1	Rear Seat Armrest Hinge Finish Cover
2	Rear Seat Armrest Fastener (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> .
3	Rear Seat Armrest Clip
4	Rear Seat Armrest Hinge Finish Bracket
5	Rear Seat Armrest

REAR SEAT ARMREST FRAME BRACKET REPLACEMENT (WITH AM9)

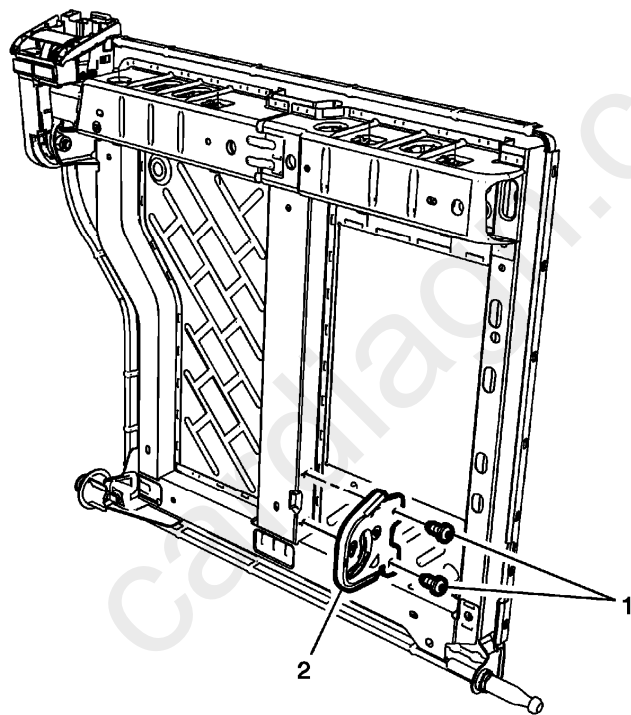


Fig. 29: Rear Seat Armrest Frame Bracket (with AM9)
Courtesy of GENERAL MOTORS COMPANY

Rear Seat Armrest Frame Bracket Replacement (with AM9)

Callout	Component Name
Preliminary Procedures	
1.	Remove the rear back seat cushion. Refer to <u>Rear Seat Back Cushion Removal and Installation (40% with AM9)</u> , <u>Rear Seat Back Cushion Removal and Installation (60% with AM9)</u> .
2.	Remove the rear seat armrest hinge finish cover. Refer to <u>Rear Seat Armrest Hinge Finish Cover Replacement (with AM9)</u> .

1	Rear Seat Armrest Frame Bracket Fastener (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> .
2	Rear Seat Armrest Frame Bracket.

REAR SEAT ARMREST FRAME BRACKET REPLACEMENT (WITHOUT AM9)

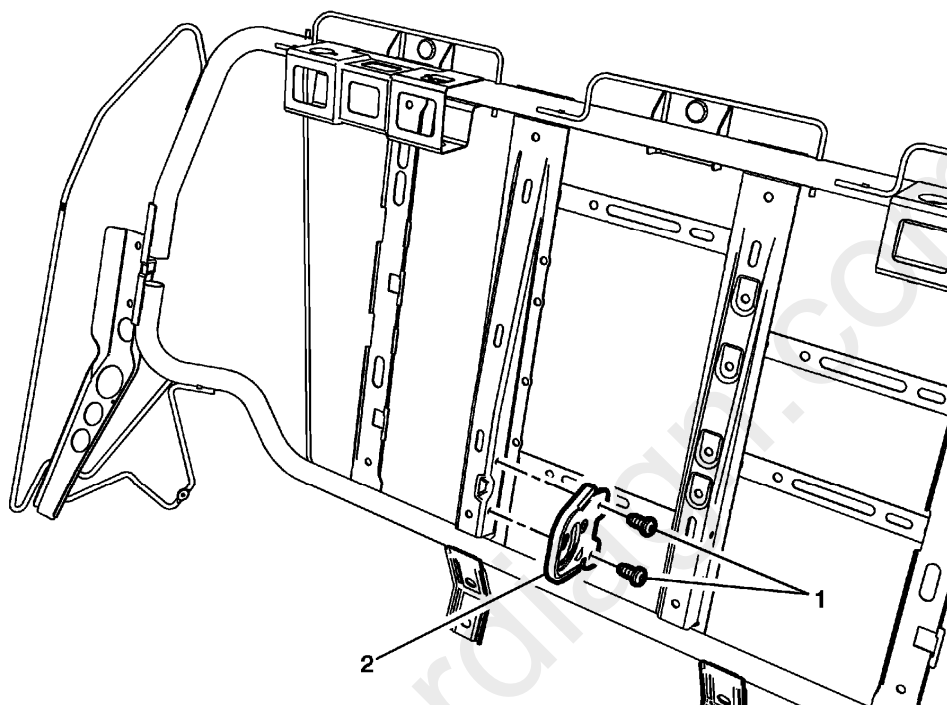


Fig. 30: Rear Seat Armrest Frame Bracket (without AM9)
Courtesy of GENERAL MOTORS COMPANY

Rear Seat Armrest Frame Bracket Replacement (without AM9)

Callout	Component Name
Preliminary Procedures	
1. Remove the rear seat cushion. Refer to <u>Rear Seat Cushion Removal and Installation</u> . 2. Remove the rear seat back cushion cover and pad. Refer to <u>Rear Seat Back Cushion Cover and Pad Replacement (40%)</u> , <u>Rear Seat Back Cushion Cover and Pad Replacement (60%)</u> .	
1	Rear Seat Armrest Frame Bracket Fastener (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> .
2	Rear Seat Armrest Frame Bracket

REAR SEAT ARMREST HINGE FINISH COVER REPLACEMENT (WITH AM9)

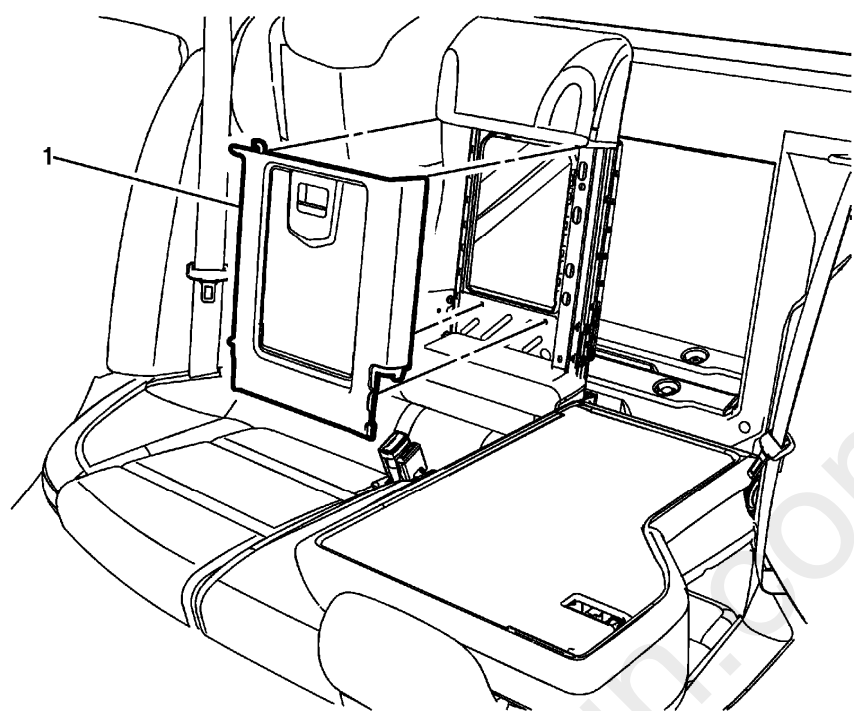


Fig. 31: Rear Seat Armrest Hinge Finish Cover (with AM9)
Courtesy of GENERAL MOTORS COMPANY

Rear Seat Armrest Hinge Finish Cover Replacement (with AM9)

Callout	Component Name
Preliminary Procedures	
1. Remove the rear seat back armrest. Refer to <u>Rear Seat Armrest Replacement (with AM9).</u>	
2. Remove the rear seat armrest closeout panel. Refer to <u>Rear Seat Armrest Closeout Panel Replacement (with AM9)</u>	
1	Rear Seat Armrest Hinge Finish Cover Procedure Disengage the rear seat armrest hinge finish cover retainers from rear seat back frame.

REAR SEAT ARMREST HINGE FINISH COVER REPLACEMENT (WITHOUT AM9, WITH A6E)

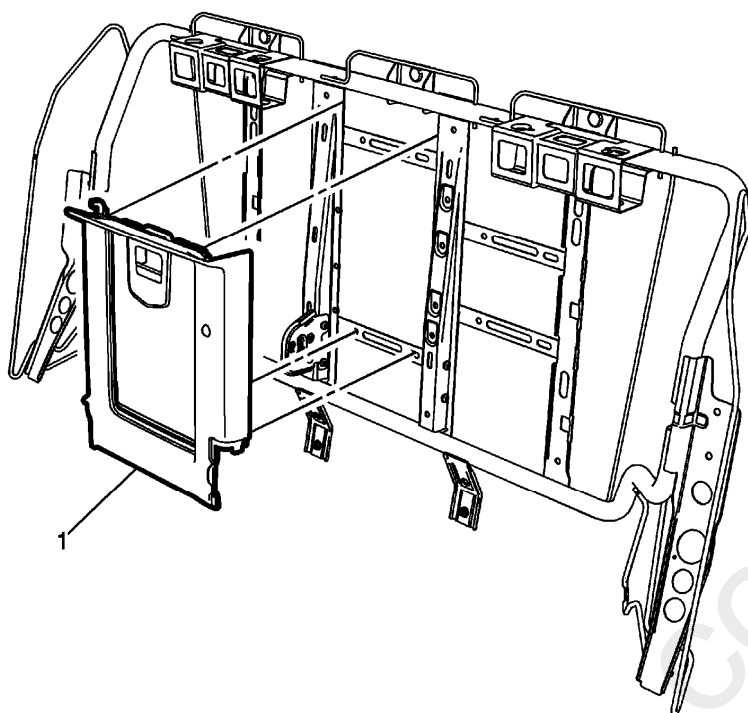


Fig. 32: Rear Seat Armrest Hinge Finish Cover (without AM9, with A6E)

Courtesy of GENERAL MOTORS COMPANY

Rear Seat Armrest Hinge Finish Cover Replacement (without AM9, with A6E)

Callout	Component Name
Preliminary Procedures	
1. Remove the rear seat cushion. Refer to <u>Rear Seat Cushion Removal and Installation</u>. 2. Remove the rear seat back cushion cover and pad. Refer to <u>Rear Seat Back Cushion Cover and Pad Replacement (40%)</u>, <u>Rear Seat Back Cushion Cover and Pad Replacement (60%)</u> 3. Remove the rear seat armrest. Refer to <u>Rear Seat Armrest Replacement (without AM9)</u>	
1	Rear Seat Armrest Hinge Finish Cover Procedure Disengage the rear seat armrest access panel retainers from rear seat back frame.

REAR SEAT ARMREST CLOSEOUT PANEL REPLACEMENT (WITH AM9)

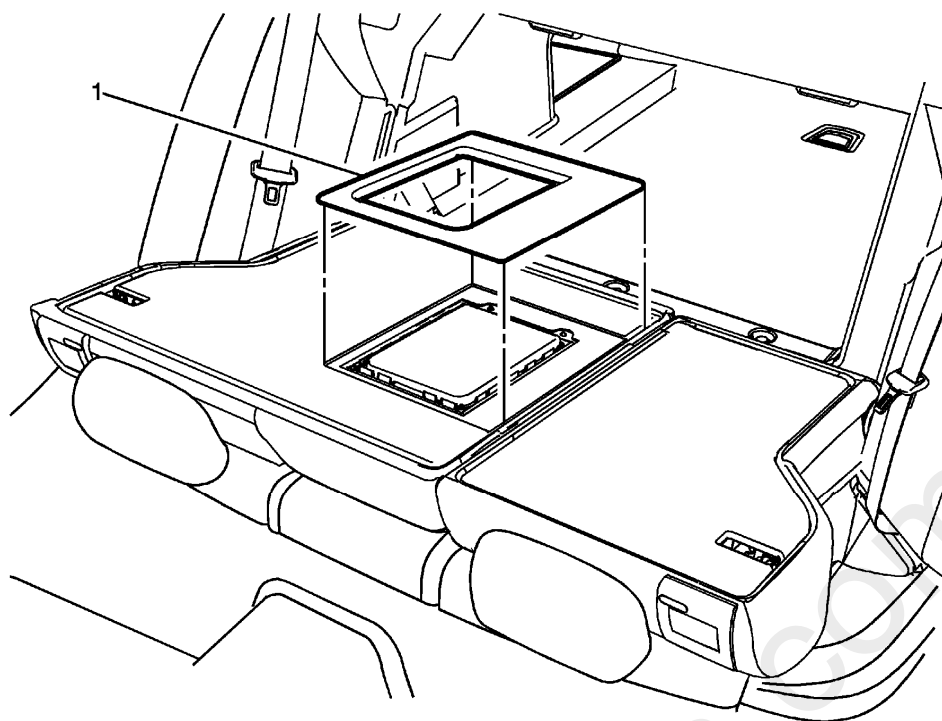


Fig. 33: Rear Seat Armrest Closeout Panel (with AM9)

Courtesy of GENERAL MOTORS COMPANY

Rear Seat Armrest Closeout Panel Replacement (with AM9)

Callout	Component Name
1	Rear Seat Back Cushion Armrest Closeout Panel Procedure 1. Fold rear seat back cushion forward. 2. Use a flat-bladed plastic trim tool to remove the finish cover from the rear seat back cushion panel.

REAR SEAT ARMREST CLOSEOUT PANEL REPLACEMENT (WITHOUT AM9, WITH A6E)

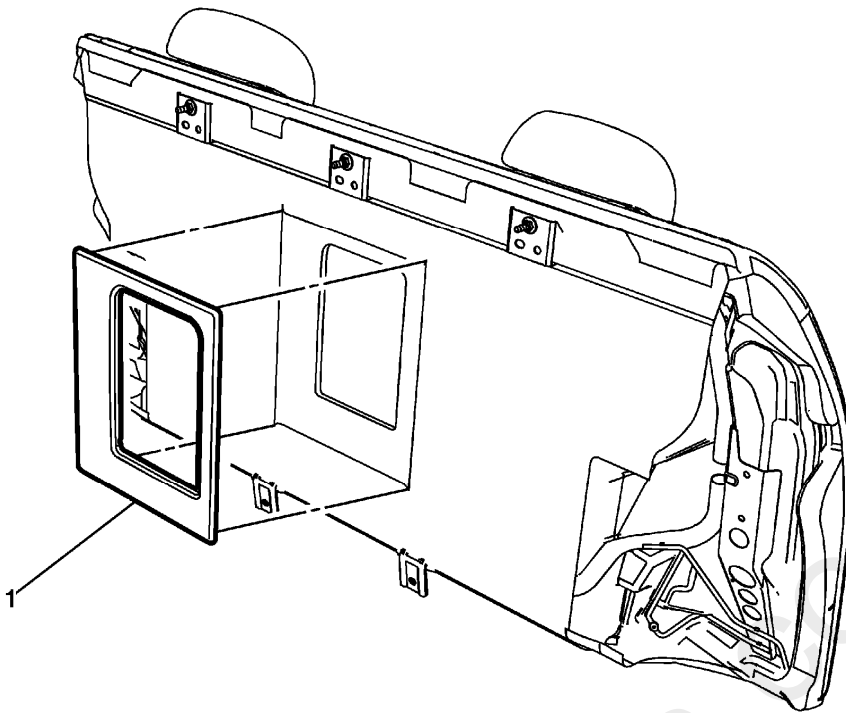


Fig. 34: Rear Seat Armrest Closeout Panel (without AM9, with A6E)
Courtesy of GENERAL MOTORS COMPANY

Rear Seat Armrest Closeout Panel Replacement (without AM9, with A6E)

Callout	Component Name
Preliminary Procedures	
1. Remove the rear seat cushion. Refer to <u>Rear Seat Cushion Removal and Installation</u>. 2. Remove the rear seat back cushion. Refer to <u>Rear Seat Back Cushion Removal and Installation (without AM9)</u>.	
1	Rear Seat Armrest Closeout Panel Procedure Use a flat-bladed plastic trim tool to remove the finish cover from the rear seat back cushion panel.

REAR SEAT ARMREST COMPARTMENT DOOR LATCH REPLACEMENT

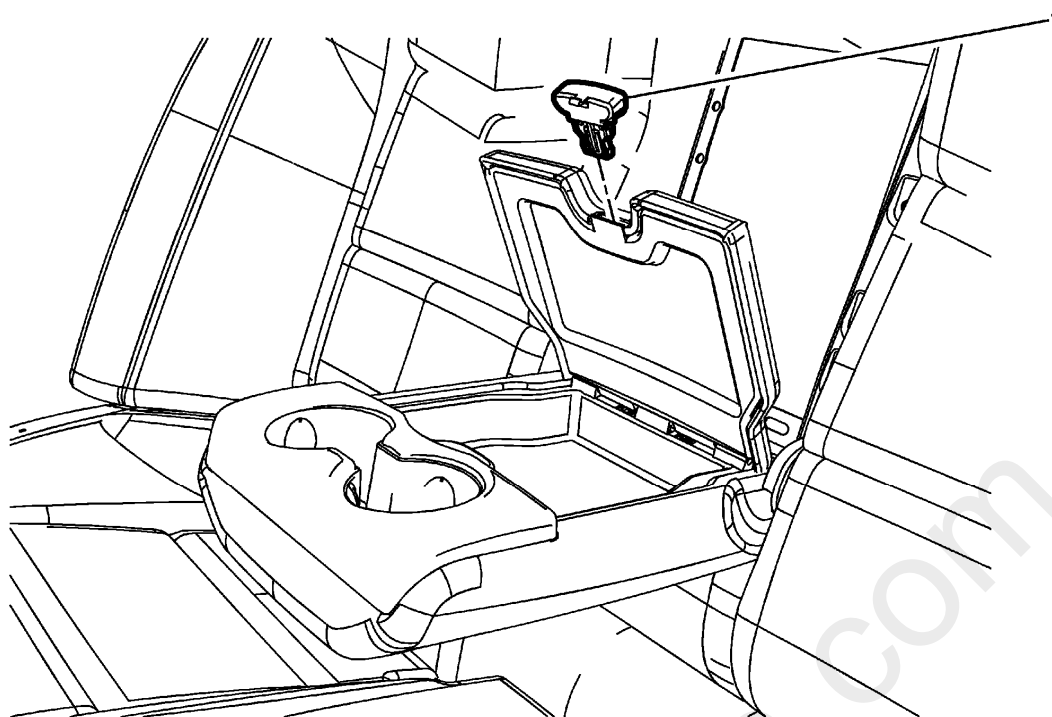


Fig. 35: Rear Seat Armrest Compartment Door Latch
 Courtesy of GENERAL MOTORS COMPANY

Rear Seat Armrest Compartment Door Latch Replacement

Callout	Component Name
1	Rear Seat Armrest Compartment Door Latch Procedure Firmly grasp the rear seat armrest compartment door latch and pull firmly upward to disengage it from the armrest.

REAR SEAT HEAD RESTRAINT REPLACEMENT (WITH AM9)

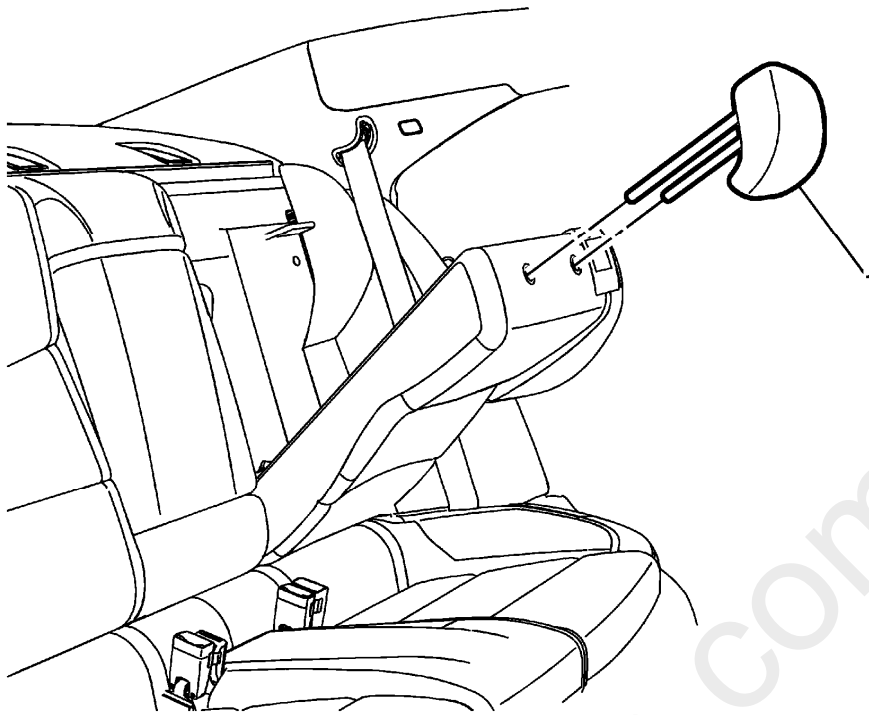


Fig. 36: Rear Seat Head Restraint (with AM9)
Courtesy of GENERAL MOTORS COMPANY

Rear Seat Head Restraint Replacement (with AM9)

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

REAR SEAT HEAD RESTRAINT REPLACEMENT (WITHOUT AM9)

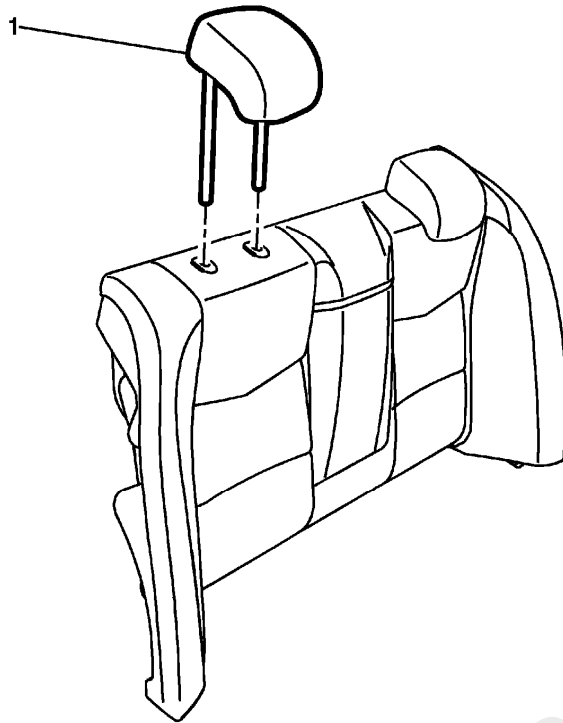


Fig. 37: Rear Seat Head Restraint (without AM9)
 Courtesy of GENERAL MOTORS COMPANY

Rear Seat Head Restraint Replacement (without AM9)

Callout	Component Name
Preliminary Procedure Remove the rear seat back cushion. Refer to <u>Rear Seat Back Cushion Removal and Installation (without AM9).</u>	
1	Rear Seat Head Restraint Procedure 1. Lower the seat back forward to gain space between the head restraint and the roof. 2. Depress the large button on the head restraint guide and raise the head restraint to the full up position. 3. Depress the large and small buttons found on the head restraint guides and pull upward on the head restraint to remove.

REAR SEAT HEAD RESTRAINT GUIDE REPLACEMENT (WITH AM9)

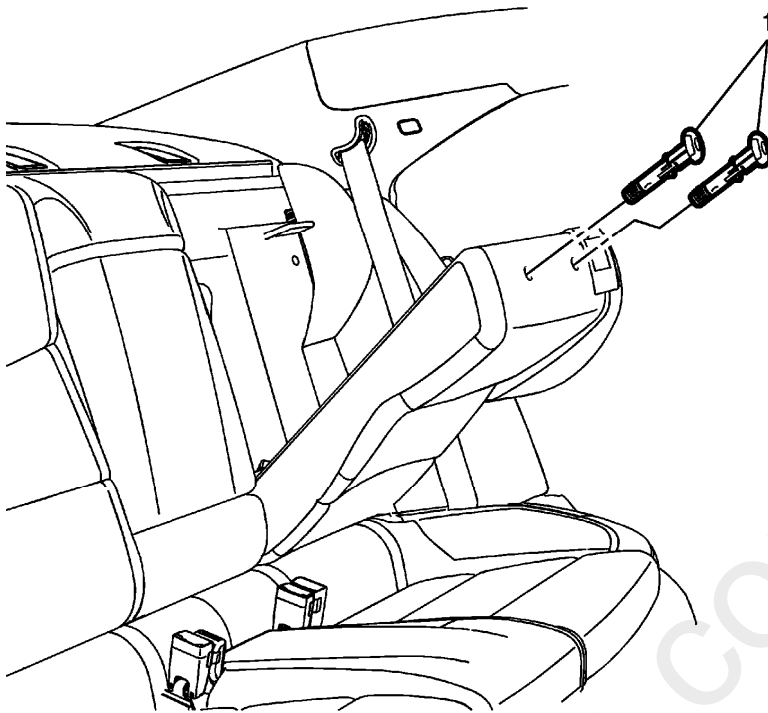


Fig. 38: Rear Seat Head Restraint Guide (with AM9)

Courtesy of GENERAL MOTORS COMPANY

Rear Seat Head Restraint Guide Replacement (with AM9)

Callout	Component Name
Preliminary Procedure	
Remove the rear seat head restraint. Refer to <u>Rear Seat Head Restraint Replacement (with AM9).</u>	
1	Rear Seat Head Restraint Guide (Qty: 2)
	Procedure 1. Lower the seat back forward to gain space between the head restraint guide and the roof. 2. The guide is released from the inboard side by inserting a suitable flat-bladed tool into the slot and prying it inward until released. 3. Using a suitable flat-bladed tool, slide the tool into the guide until you find the slot on the inboard side of the guide. Push inward on the guide slot tab , while pulling upward to remove the guide from the seat back frame.

REAR SEAT HEAD RESTRAINT GUIDE REPLACEMENT (WITHOUT AM9)

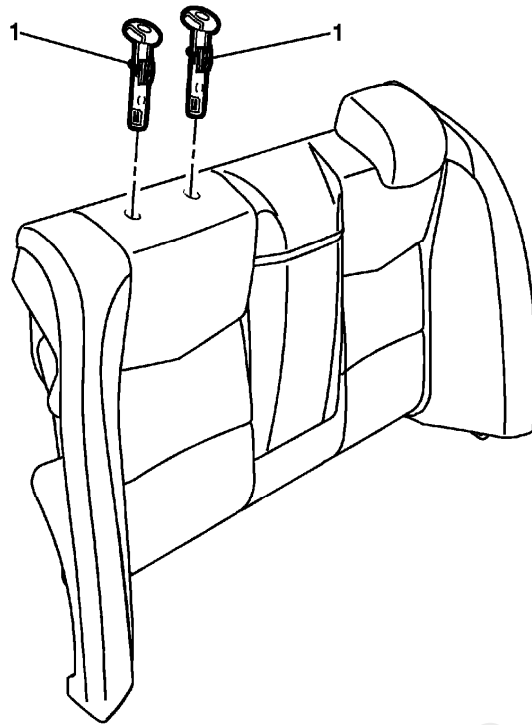


Fig. 39: Rear Seat Head Restraint Guide (without AM9)

Courtesy of GENERAL MOTORS COMPANY

Rear Seat Head Restraint Guide Replacement (without AM9)

Callout	Component Name
Preliminary Procedures	
1. Remove the rear seat cushion. Refer to <u>Rear Seat Cushion Removal and Installation</u> 2. Remove the rear seat back cushion. Refer to <u>Rear Seat Back Cushion Removal and Installation (without AM9)</u>. 3. Remove the rear seat head restraint. Refer to <u>Rear Seat Head Restraint Replacement (without AM9)</u>	
1	Rear Seat Head Restraint Guide Procedure 1. Lower the seat back forward to gain space between the head restraint guide and the roof. 2. The guide is released from the inboard side by inserting a suitable flat-bladed tool into the slot and prying it inward until released. 3. Using a suitable flat-bladed tool, slide the tool into the guide until you find the slot on the inboard side of the guide. Push inward on the guide slot tab , while pulling upward to remove the guide from the seat back frame.

REAR SEAT BACK BOLSTER REPLACEMENT

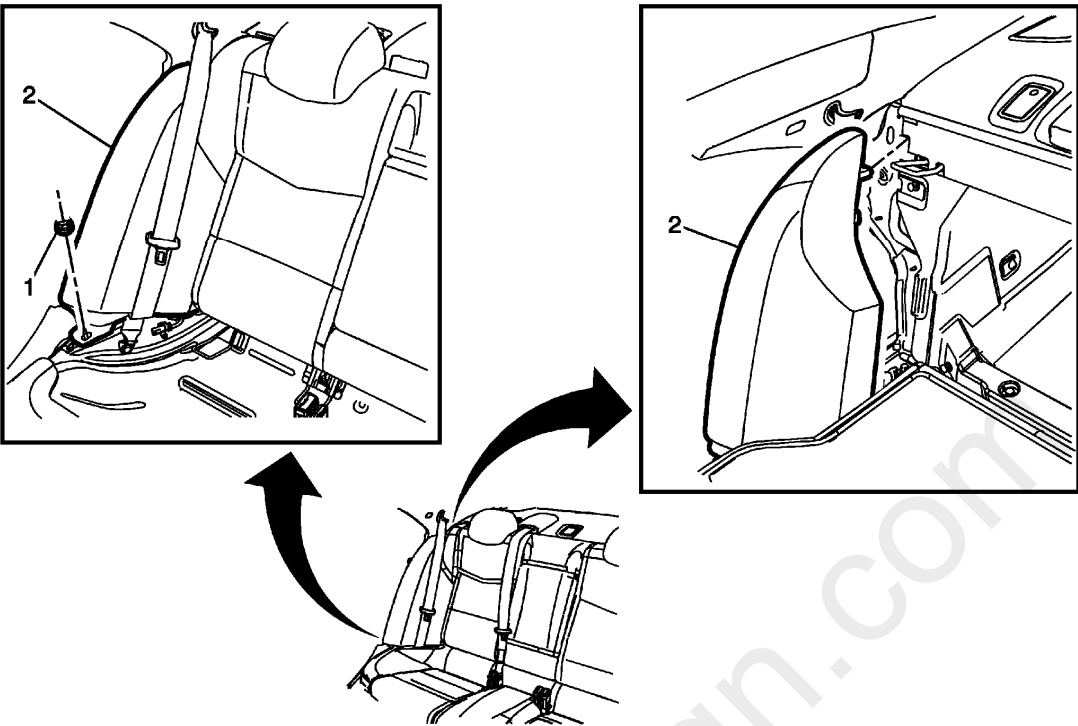


Fig. 40: Rear Seat Back Bolster
Courtesy of GENERAL MOTORS COMPANY

Rear Seat Back Bolster Replacement

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 Procedures	
1. Disable the SIR system. Refer to <u>SIR Disabling and Enabling</u> .	
2. Remove the rear seat cushion. Refer to <u>Rear Seat Cushion Removal and Installation</u> .	
1	Rear Seat Back Cushion Bolster Nut CAUTION: Refer to <u>Fastener Caution</u> .

	Tighten 9 (80 lb in)
2	Rear Seat Back Cushion Bolster Procedure 1. Unlock and slide the center tab retainer forward on the bolster. 2. With access from I/B side, use pliers to squeeze retention tabs together while pulling rearward on upper bolster to release from sheet metal. 3. Slide the lock slider mechanism forward in vehicle to retract the retaining tab expansion feature. NOTE: Sliding the lock slider mechanism forward in vehicle releases the retention tabs. Sliding the lock slider mechanism rearward in the vehicle expands the retention tabs. Access the slide lock mechanism through the slot located in the bolster cover. Slide the lock slider mechanism forward in vehicle to retract the retaining tab expansion feature. 4. Pull the upper seat back cushion bolster forward. 5. Pull the seat back cushion bolster up. 6. Disconnect the electrical connector. 7. Remove rear seat back cushion bolster. 8. Remove the rear seat side inflatable module. Refer to <u>Rear Seat Outboard Seat Back Airbag Replacement</u>. 9. When installing bolster, slide Lock Slider Mechanism rearward in vehicle to expand the retaining tabs.

REAR SEAT CENTER HEAD RESTRAINT REPLACEMENT

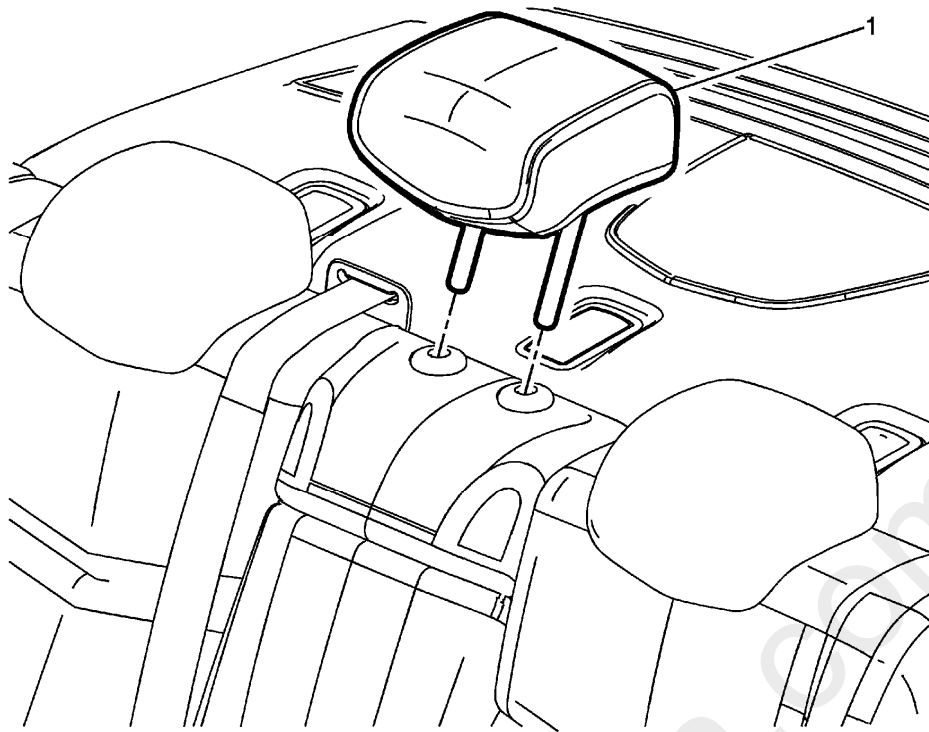


Fig. 41: Rear Seat Center Head Restraint
 Courtesy of GENERAL MOTORS COMPANY

Rear Seat Center Head Restraint Replacement

Callout	Component Name
Preliminary Procedures	
1. Remove the rear seat back cushion, if equipped with a fixed seat back (without AM9). Refer to <u>Rear Seat Back Cushion Removal and Installation (40% with AM9)</u>, <u>Rear Seat Back Cushion Removal and Installation (60% with AM9)</u>, <u>Rear Seat Back Cushion Removal and Installation (without AM9)</u>. 2. Lower the rear seat back forward for access, if equipped with folding rear seats (with AM9).	
1	Rear Seat Center Head Restraint Procedure 1. Depress the large button on the center 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 CUSHION COVER AND PAD REPLACEMENT

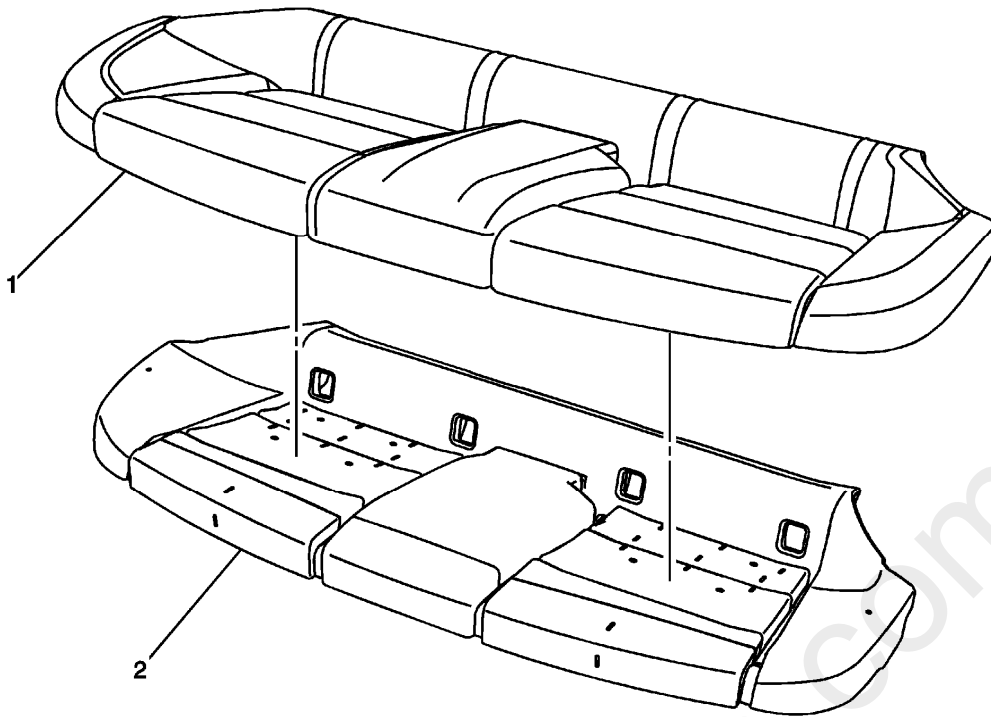


Fig. 42: Rear Seat Cushion Cover and Pad
 Courtesy of GENERAL MOTORS COMPANY

Rear Seat Cushion Cover and Pad Replacement

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 retaining the center portions of the cover to the pad. 2. Pull up on the cover to disengage the hook and loop retainers fastening the cover to the pad. 3. When installing the rear seat cushion cover, pull the cover tightly in all corners to ensure that no creasing occurs.
2	Rear Seat Cushion Pad Procedure Transfer parts as necessary.

REAR SEAT CUSHION REMOVAL AND INSTALLATION

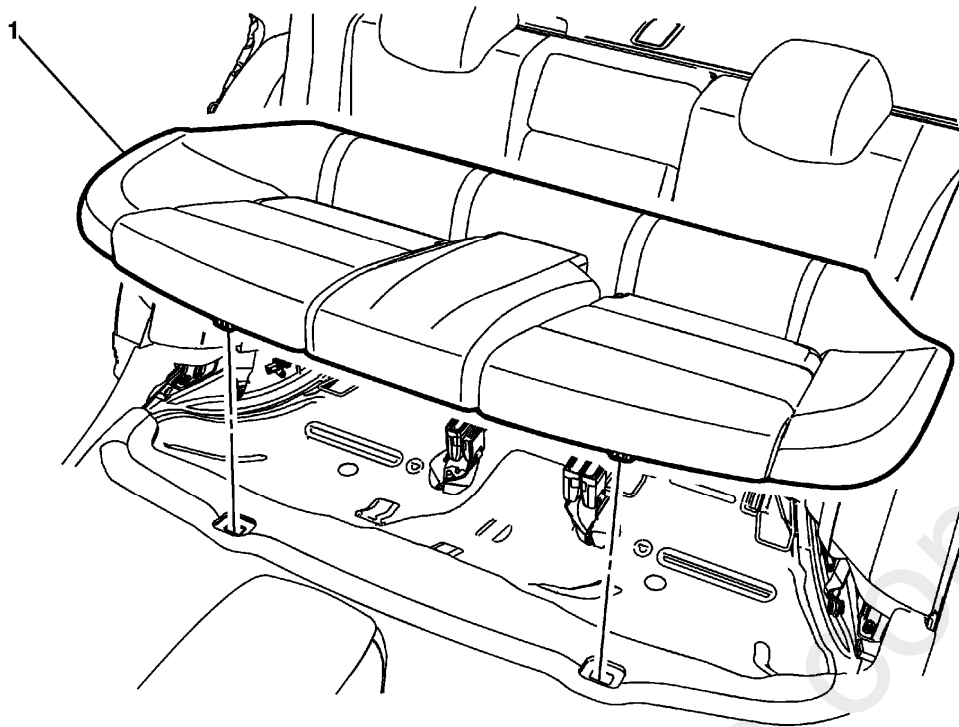


Fig. 43: Rear Seat Cushion

Courtesy of GENERAL MOTORS COMPANY

Rear Seat Cushion Removal and Installation

Callout	Component Name
1	Rear Seat Cushion Procedure 1. Release the rear center seat belt from the anchor by depressing the tab on the side using a suitable flat-bladed tool. 2. Pull up on the front of the rear seat to disengage the retainers. 3. Pull out the rear of the seat from the wire retainers. 4. Route the seat belts through the seat bottom. 5. Disconnect the electrical connector, if equipped. 6. Remove the rear seat.

REAR SEAT LATCH REPLACEMENT

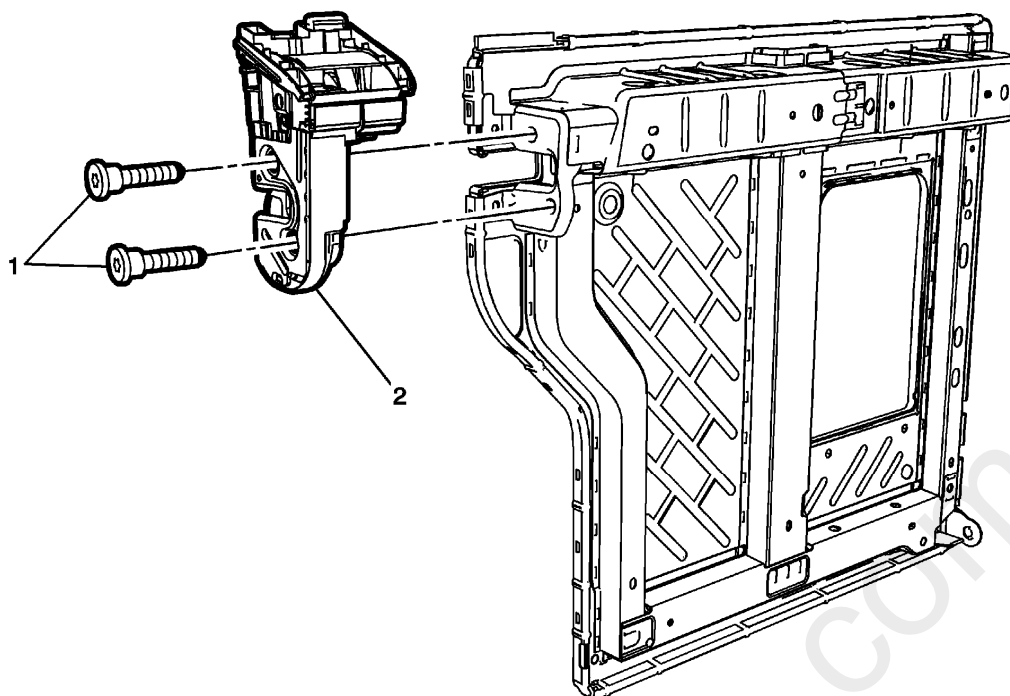


Fig. 44: Rear Seat Latch

Courtesy of GENERAL MOTORS COMPANY

Rear Seat Latch Replacement

Callout	Component Name
Preliminary Procedure Remove the rear seat back cushion cover and pad. Refer to <u>Rear Seat Back Cushion Cover and Pad Replacement (40%)</u> , <u>Rear Seat Back Cushion Cover and Pad Replacement (60%)</u> .	
1	Rear Seat Latch Fastener (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 45 N.m (33 lb ft)
2	Rear Seat Latch Procedure Transfer the rear seat back lock cylinder, if necessary. Refer to <u>Rear Seat Back Lock Cylinder Replacement</u> .

REAR SEAT BACK CUSHION REMOVAL AND INSTALLATION (40% WITH AM9)

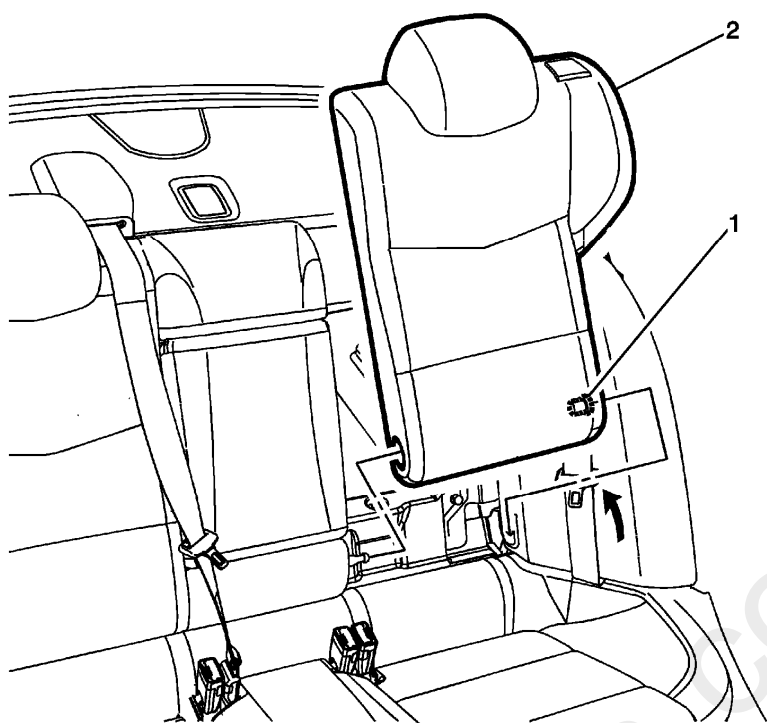


Fig. 45: Rear Seat Back Cushion (40% with AM9)

Courtesy of GENERAL MOTORS COMPANY

Rear Seat Back Cushion Removal and Installation (40% with AM9)

Callout	Component Name
Preliminary Procedure Remove the rear seat back bolster. Refer to Rear Seat Back Bolster Replacement .	
1	Rear Seat Back Hinge Pivot Bolt Procedure 1. Pull the rear seat back cushion latch release located on the top of the rear seat back cushion, and fold the rear seat back cushion forward. 2. Push in on the rear seat back cushion pivot bolt and release from bracket.
2	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. Disconnect the electrical connector, if equipped. 3. Transfer components as necessary.

REAR SEAT BACK CUSHION REMOVAL AND INSTALLATION (60% WITH AM9)

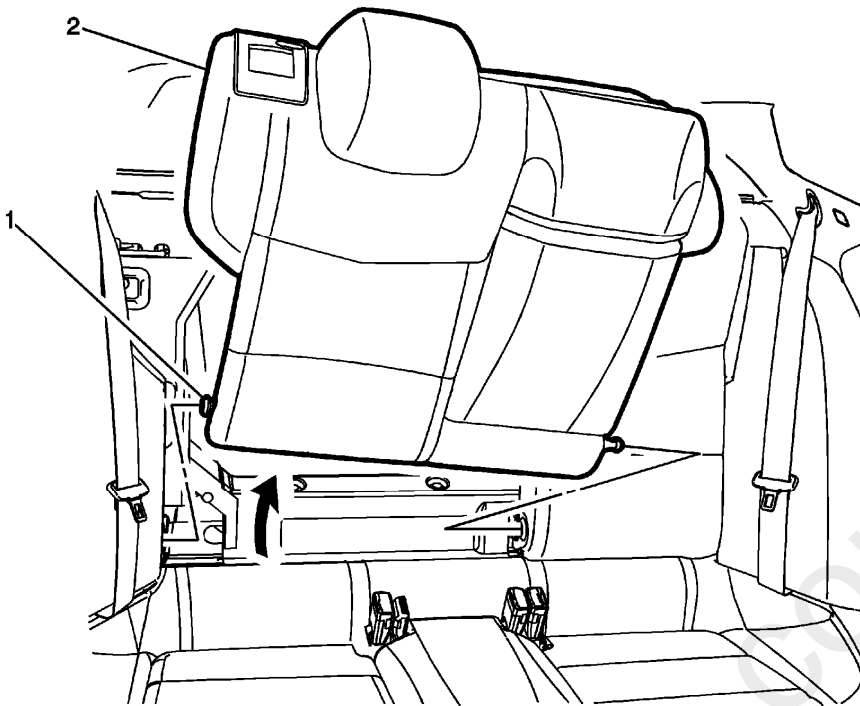


Fig. 46: Rear Seat Back Cushion (60% with AM9)
Courtesy of GENERAL MOTORS COMPANY

Rear Seat Back Cushion Removal and Installation (60% with AM9)

Callout	Component Name
Preliminary Procedure	
1. Remove the rear seat back 40% cushion. Refer to <u>Rear Seat Back Cushion Removal and Installation (60% with AM9)</u>. 2. Remove the right side rear seat back bolster. Refer to <u>Rear Seat Back Bolster Replacement</u>.	
1	Rear Seat Back Hinge Pivot Bolt Procedure 1. Pull the rear seat back cushion latch release located on the top of the rear seat back cushion, and fold the rear seat back cushion forward. 2. Push in on the rear seat back cushion pivot support, and release from bracket.
2	Rear Seat Back Cushion Procedure 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. Disconnect the electrical connector, if equipped.

3. Transfer components as necessary.

REAR SEAT BACK CUSHION REMOVAL AND INSTALLATION (WITHOUT AM9)

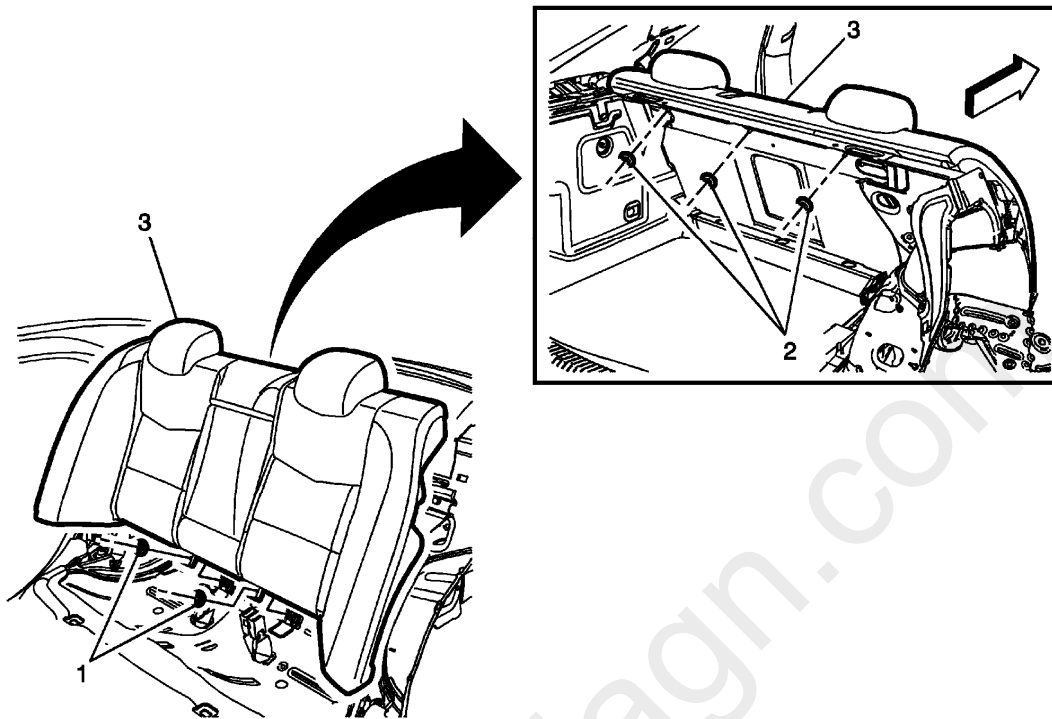


Fig. 47: Rear Seat Back Cushion (without AM9)

Courtesy of GENERAL MOTORS COMPANY

Rear Seat Back Cushion Removal and Installation (without AM9)

Callout	Component Name
Preliminary Procedures	
1. Remove the rear seat cushion. Refer to <u>Rear Seat Cushion Removal and Installation</u> .	
2. Remove the rear compartment rear window lower trim. Refer to <u>Rear Compartment Rear Window Lower Trim Replacement</u>	
1	Rear Seat Back Cushion Nut (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 22 (16 lb ft)
2	Rear Seat Back Cushion Nut (Qty: 3) Tighten

	22 (16 lb ft)
3	Rear Seat Back Cushion Assembly Procedure Pull the seat back cushion forward and upward to remove from the vehicle.

REAR SEAT BACK CUSHION CARPET REPLACEMENT (40%)

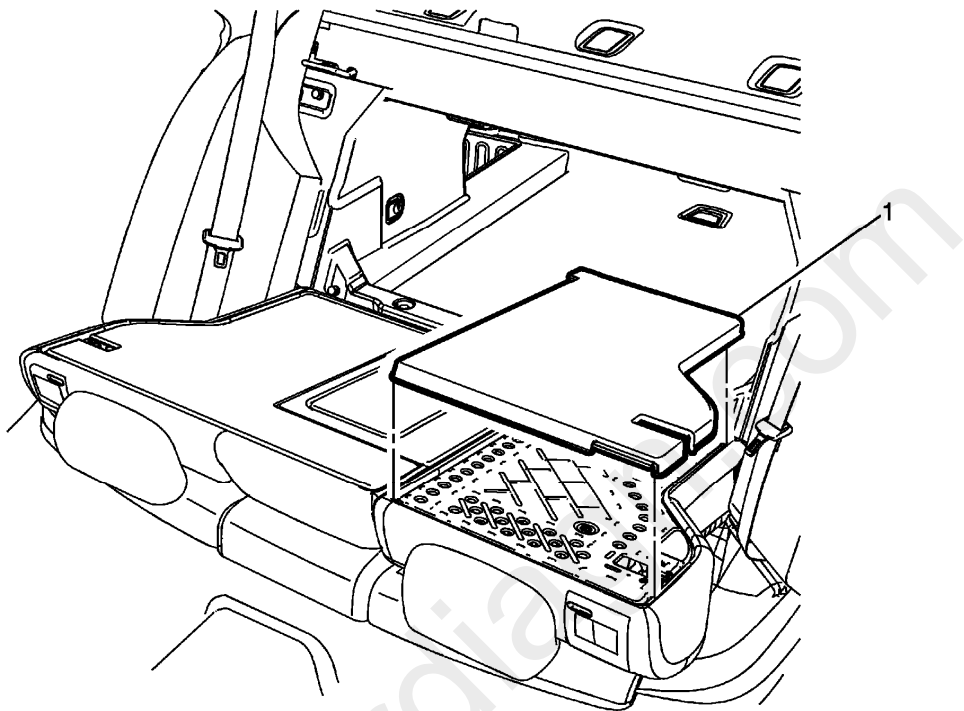


Fig. 48: Rear Seat Back Cushion Carpet (40%)
 Courtesy of GENERAL MOTORS COMPANY

Rear Seat Back Cushion Carpet Replacement (40%)

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

REAR SEAT BACK CUSHION CARPET REPLACEMENT (60%)

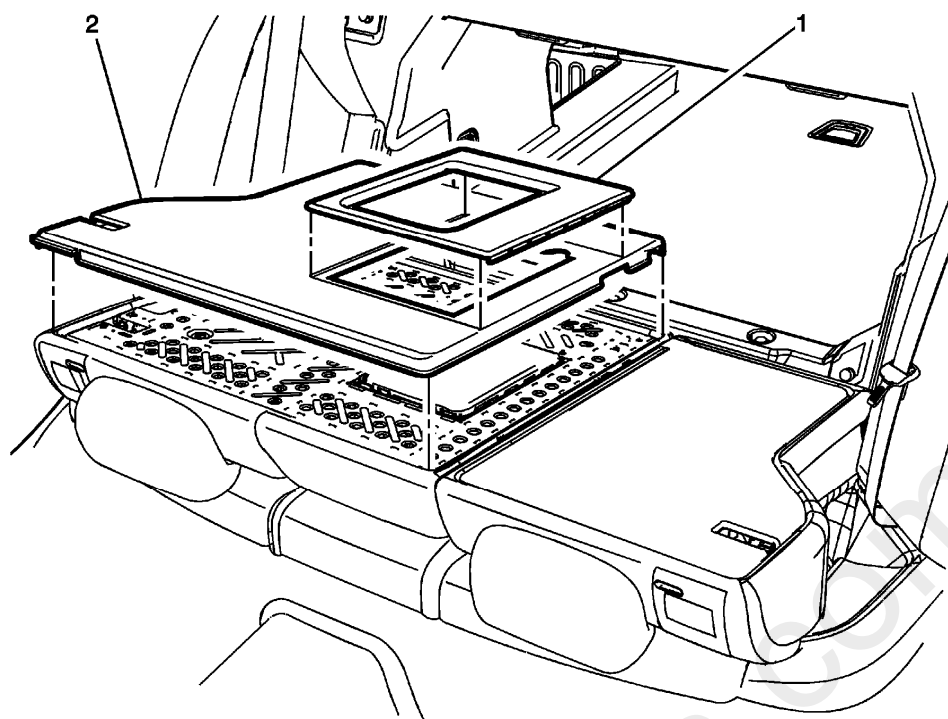


Fig. 49: Rear Seat Back Cushion Carpet (60%)
Courtesy of GENERAL MOTORS COMPANY

Rear Seat Back Cushion Carpet Replacement (60%)

Callout	Component Name
Preliminary Procedure	
Remove the rear seat back latch bezel. Refer to <u>Rear Seat Back Latch Bezel Replacement.</u>	
1	Rear Seat Back Cushion Closeout Panel
2	Rear Seat Back Cushion Carpet
	Procedure
	1. Fold rear seat back cushion forward. 2. Disengage the j-channel retainers from the seat back cushion frame. 3. Disengage any retainers holding the panel around the armrest closeout panel. 4. Remove rear seat back cushion carpet.

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

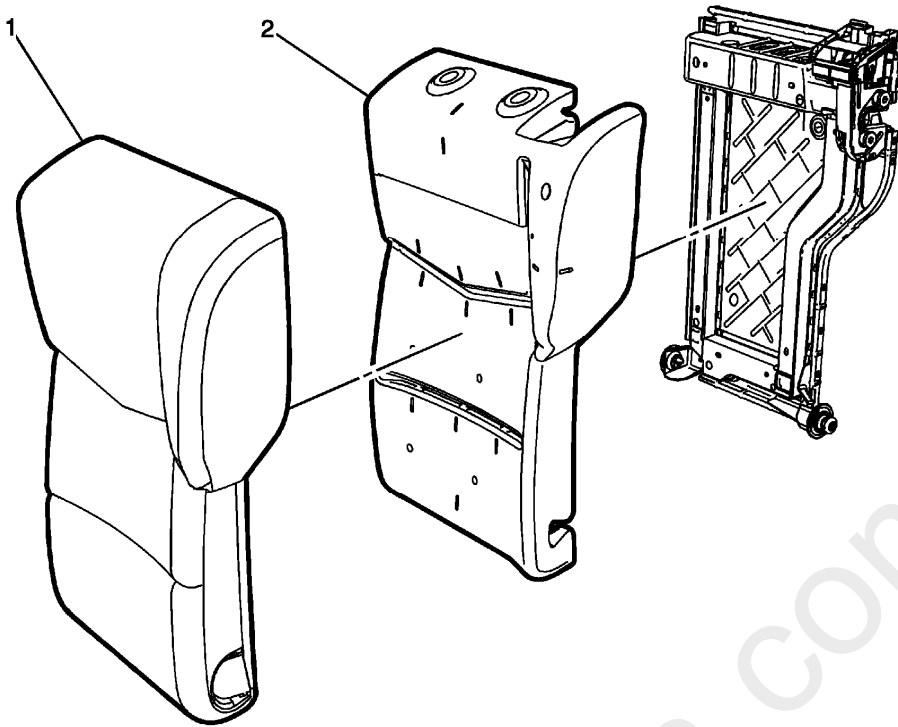


Fig. 50: Rear Seat Back Cushion Cover and Pad (40%)

Courtesy of GENERAL MOTORS COMPANY

Rear Seat Back Cushion Cover and Pad Replacement (40%)

Callout	Component Name
Preliminary Procedures	
1. Remove the rear seat back cushion. Refer to <u>Rear Seat Back Cushion Removal and Installation (40% with AM9)</u><u>Rear Seat Back Cushion Removal and Installation (without AM9)</u>. 2. Remove the rear seat back cushion carpet. Refer to <u>Rear Seat Back Cushion Carpet Replacement (40%)</u>. 3. Remove the rear seat head restraint guides. Refer to <u>Rear Seat Head Restraint Guide Replacement (with AM9)</u>, <u>Rear Seat Head Restraint Guide Replacement (without AM9)</u>. 4. Remove the rear seat back hinge pivot bolt. Refer to <u>Rear Seat Back Hinge Pivot Bolt Replacement</u>.	
1	Rear Seat Back Cushion Cover Procedure Remove the hook and loop fasteners, channels, j-channels and hog rings that secure the rear seat back cushion cover to the pad.
2	Rear Seat Back Cushion Pad Procedure Transfer parts as necessary.

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

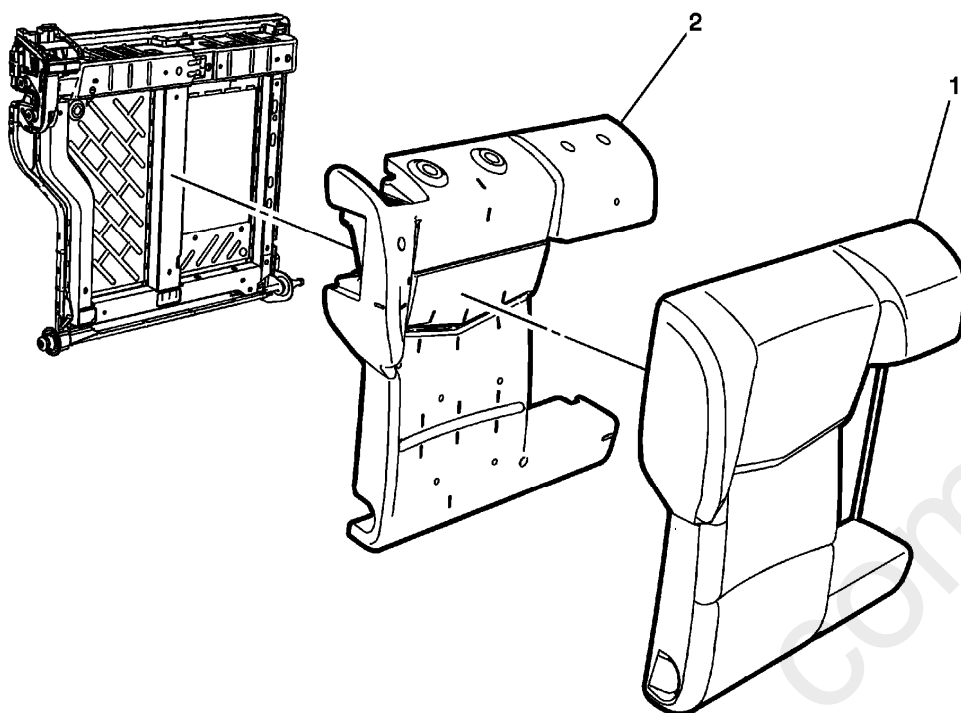


Fig. 51: Rear Seat Back Cushion Cover and Pad (60%)

Courtesy of GENERAL MOTORS COMPANY

Rear Seat Back Cushion Cover and Pad Replacement (60%)

Callout	Component Name
Preliminary Procedures	
1. Remove the rear seat back cushion. Refer to <u>Rear Seat Back Cushion Removal and Installation (60% with AM9), Rear Seat Back Cushion Removal and Installation (without AM9).</u> 2. Remove the rear seat armrest. Refer to <u>Rear Seat Armrest Replacement (with AM9), Rear Seat Armrest Replacement (without AM9).</u> 3. Remove the rear seat back cushion carpet. Refer to <u>Rear Seat Back Cushion Carpet Replacement (60%).</u> 4. Remove the rear seat armrest hinge finish cover. Refer to <u>Rear Seat Armrest Hinge Finish Cover Replacement (with AM9), Rear Seat Armrest Hinge Finish Cover Replacement (without AM9, with A6E).</u> 5. Remove the rear seat head restraint guides. Refer to <u>Rear Seat Head Restraint Guide Replacement (with AM9), Rear Seat Head Restraint Guide Replacement (without AM9).</u> 6. Remove the rear seat back hinge pivot bolt. Refer to <u>Rear Seat Back Hinge Pivot Bolt Replacement.</u>	
1	Rear Seat Back Cushion Cover Procedure Remove the hook and loop fasteners, c channels, j channels and hog rings that secure the rear seat back cushion cover to the pad.

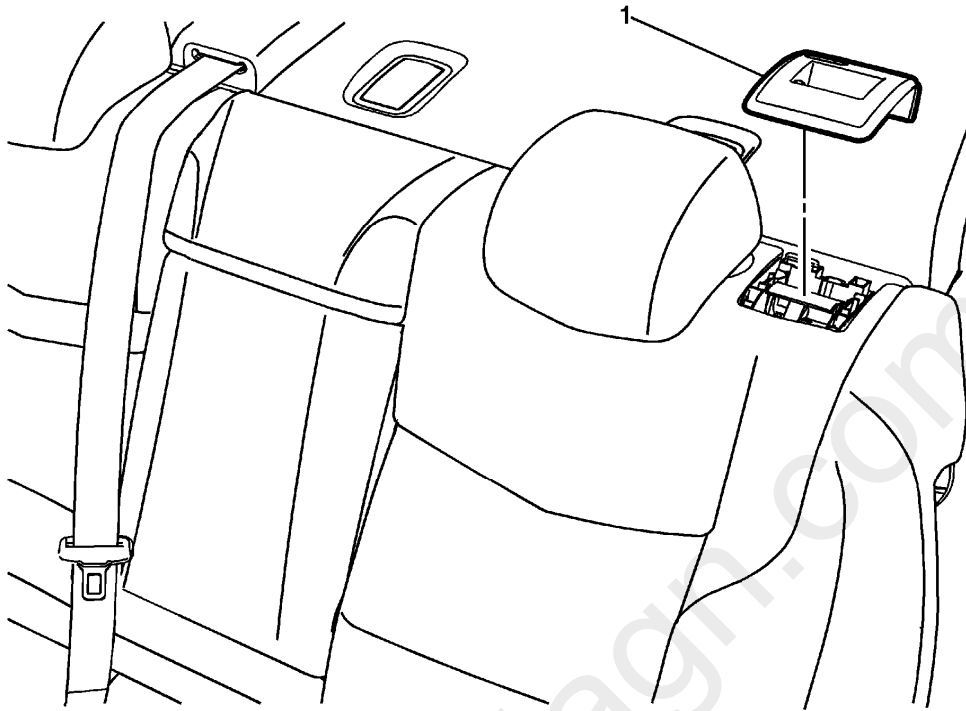
REAR SEAT BACK LATCH BEZEL REPLACEMENT

Fig. 52: Rear Seat Back Latch Bezel
Courtesy of GENERAL MOTORS COMPANY

Rear Seat Back Latch Bezel Replacement

Callout	Component Name
1	Rear Seat Back Cushion Latch Release Handle Bezel Procedure 1. Position the seat forward to gain access to the latch bezel. 2. Release the rear seat back cushion latch release handle using a suitable flat-bladed tool.

REAR SEAT BACK CUSHION FRAME REPLACEMENT (40%)

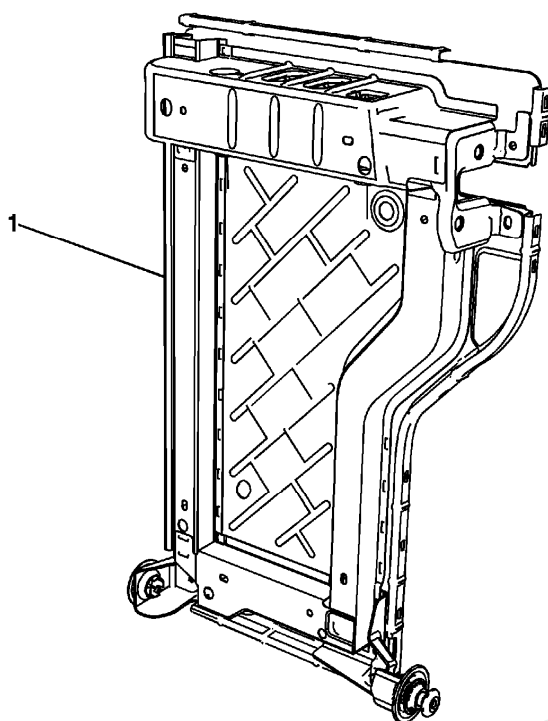


Fig. 53: Rear Seat Back Cushion Frame (40%)
Courtesy of GENERAL MOTORS COMPANY

Rear Seat Back Cushion Frame Replacement (40%)

Callout	Component Name
Preliminary Procedures	
1. Remove the rear seat back cushion. Refer to <u>Rear Seat Back Cushion Removal and Installation (40% with AM9)</u><u>Rear Seat Back Cushion Removal and Installation (without AM9)</u>. 2. Remove the rear seat back cushion cover and pad. Refer to <u>Rear Seat Back Cushion Cover and Pad Replacement (40%)</u>. 3. Remove the rear seat latch. Refer to <u>Rear Seat Latch Replacement</u>.	
1	Rear Seat Back Cushion Frame Procedure If replacing the rear seat back cushion frame, transfer components as necessary.

REAR SEAT BACK CUSHION FRAME REPLACEMENT (60%)

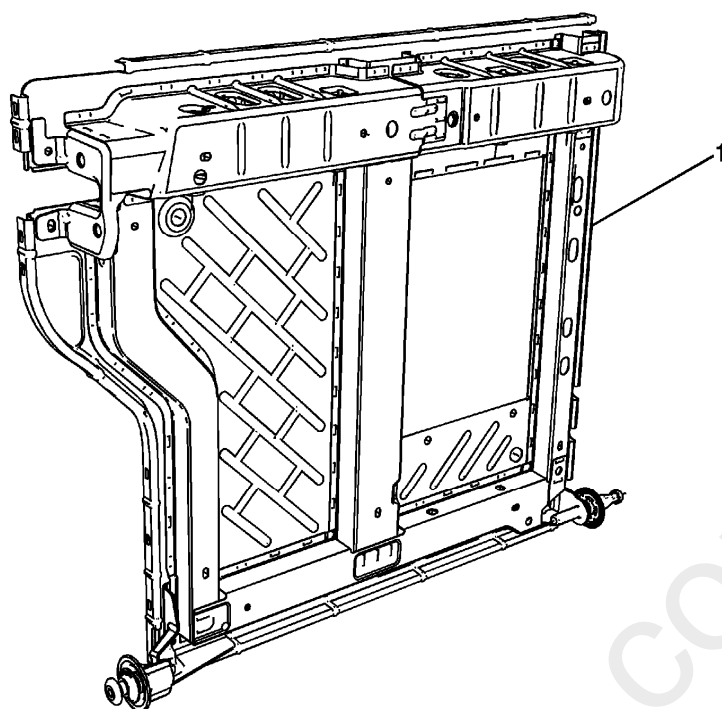


Fig. 54: Rear Seat Back Cushion Frame (60%)
 Courtesy of GENERAL MOTORS COMPANY

Rear Seat Back Cushion Frame Replacement (60%)

Callout	Component Name
Preliminary Procedures	
1. Remove the rear seat back cushion. Refer to <u>Rear Seat Back Cushion Removal and Installation (60% with AM9)</u> , <u>Rear Seat Back Cushion Removal and Installation (without AM9)</u> . 2. Remove the rear seat back cushion cover and pad. Refer to <u>Rear Seat Back Cushion Cover and Pad Replacement (60%)</u> . 3. Remove the rear seat latch. Refer to <u>Rear Seat Latch Replacement</u> .	
1	Rear Seat Back Cushion Frame Procedure If replacing the rear seat back cushion frame, transfer components as necessary.

REAR SEAT BACK HINGE PIVOT BOLT REPLACEMENT

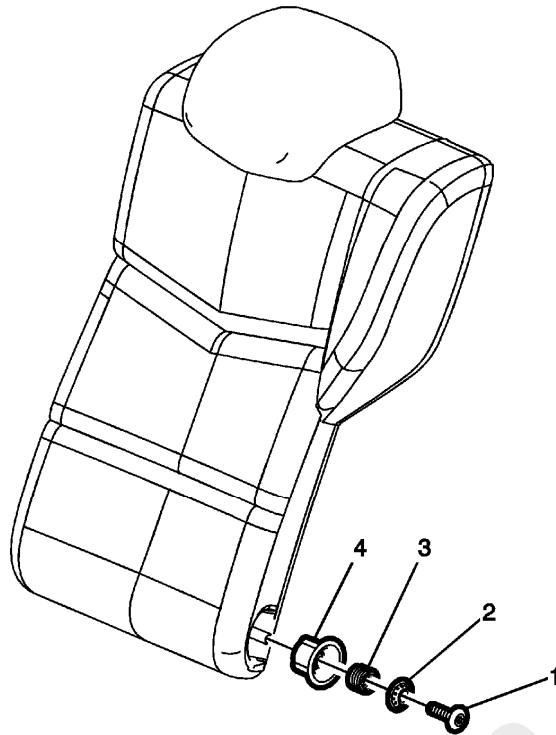


Fig. 55: Rear Seat Back Hinge Pivot Bolt
 Courtesy of GENERAL MOTORS COMPANY

Rear Seat Back Hinge Pivot Bolt Replacement

Callout	Component Name
Preliminary Procedure Remove the rear seat back cushion. Refer to <u>Rear Seat Back Cushion Removal and Installation (40% with AM9)</u> , <u>Rear Seat Back Cushion Removal and Installation (60% with AM9)</u> , <u>Rear Seat Back Cushion Removal and Installation (without AM9)</u> .	
1	Rear Seat Back Outer Pivot Bolt CAUTION: Refer to <u>Fastener Caution</u> . Tighten 20 N.m (15 lb ft)
2	Rear Seat Back Cushion Pivot Support
3	Rear Seat Back Cushion Outer Pivot Bolt Spring
4	Rear Seat Back Hinge Finish Cover

REAR SEAT BACK PIVOT PIN SPRING REPLACEMENT

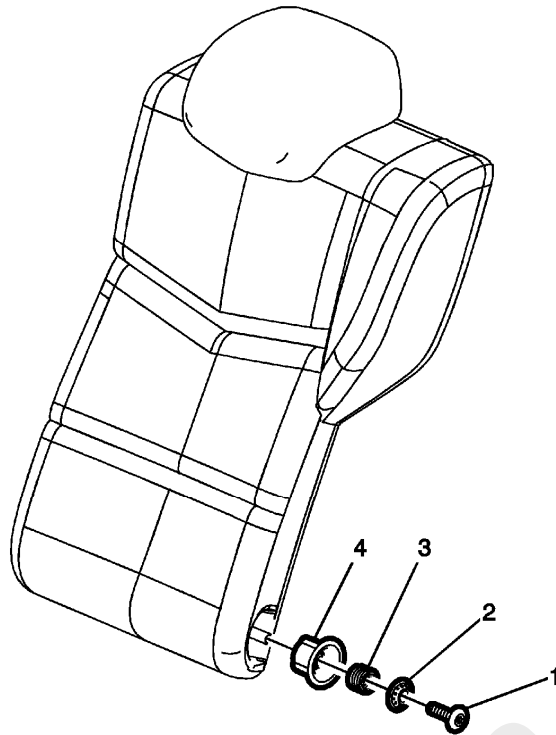


Fig. 56: Rear Seat Back Pivot Pin Spring
 Courtesy of GENERAL MOTORS COMPANY

Rear Seat Back Pivot Pin Spring Replacement

Callout	Component Name
Preliminary Procedure Remove the rear seat back cushion. Refer to <u>Rear Seat Back Cushion Removal and Installation (40% with AM9)</u> , <u>Rear Seat Back Cushion Removal and Installation (60% with AM9)</u> , <u>Rear Seat Back Cushion Removal and Installation (without AM9)</u> .	
1	Rear Seat Back Outer Pivot Bolt CAUTION: Refer to <u>Fastener Caution</u> . Tighten 20 N.m (15 lb ft)
2	Rear Seat Back Cushion Pivot Support
3	Rear Seat Back Cushion Outer Pivot Bolt Spring
4	Rear Seat Back Hinge Finish Cover

REAR SEAT BACK LOCK CYLINDER REPLACEMENT

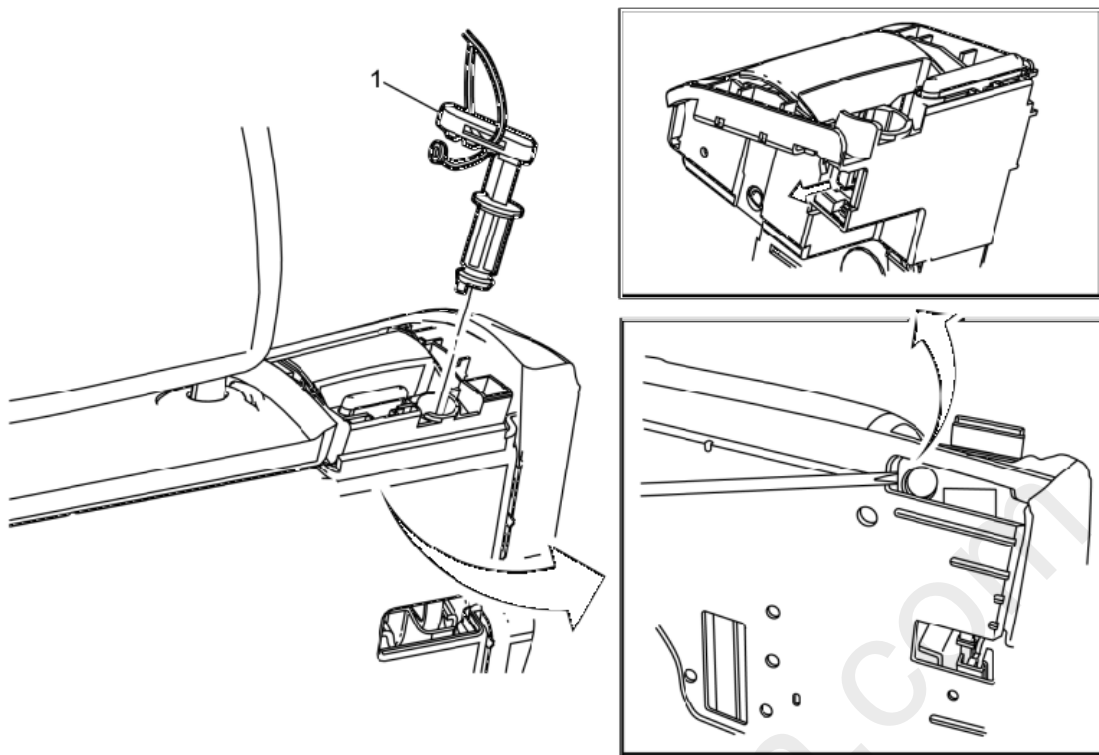


Fig. 57: Rear Seat Back Lock Cylinder
Courtesy of GENERAL MOTORS COMPANY

Rear Seat Back Lock Cylinder Replacement

Callout	Component Name
Preliminary Procedures	
1. Remove the rear seat back latch bezel. Refer to <u>Rear Seat Back Latch Bezel Replacement</u> .	
1	Rear Seat Back Lock Cylinder Procedure 1. Slide a section of the rear seat back carpet out of the way to gain access to the lock cylinder retainer. 2. Using an appropriate tool, release the rear cushion latch lock cylinder retainer on the back of the latch through the seat back access hole. 3. The key must be in the cylinder to remove it. 4. Refer to <u>Key and Lock Cylinder Coding (Seat Back Lock)</u> for programing and setup information. NOTE: If the key is removed with the lock cylinder out of the latch, the tumblers/springs can fall out and could be lost.