SPECIFICATIONS

FASTENER SPECIFICATIONS

Reusable Threaded Fastener Tightening Specifications

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

Application	Specification Metric (English)
Driver or Passenger Seat Back Cushion Frame Bolt	50 N.m (37 lb ft)
Driver or Passenger Seat Bolt	45 N.m (33 lb ft)
Driver or Passenger Seat Cushion Frame Bolt	50 N.m (37 lb ft)
Front Center Seat Back Cushion Latch Nut	9 N.m (80 lb in)
Front Center Seat Bolt	45 N.m (33 lb ft)
Front Seat Armrest Bolt	9 N.m (80 lb in)
Front Seat Center Armrest Hinge Finish Cover Bolt	9 N.m (80 lb in)
Front Seat Center Armrest Screw	9 N.m (80 lb in)
Front Seat Cushion Center Cover Fastener	2.5 N.m (22 lb in)
Front Seat Cushion Center Pad Bolt	9 N.m (80 lb in)
Rear Center Seat Belt Anchor Nut	45 N.m (33 lb ft)
Rear Seat Armrest Bolt	9 N.m (80 lb in)
Rear Seat Assembly Nut	50 N.m (37 lb ft)
Rear Seat Back Cushion Frame Bolt	9 N.m (80 lb in)
Rear Seat Back Tether Bolt	9 N.m (80 lb in)
Rear Seat Belt Anchor Nut	50 N.m (37 lb ft)
Rear Seat Bolt	50 N.m (37 lb ft)
Rear Seat Cushion Frame Bolt	9 N.m (80 lb in)
Rear Seat Latch Bolt	9 N.m (80 lb in)
Rear Seat Nut	50 N.m (37 lb ft)

DIAGNOSTIC INFORMATION AND PROCEDURES

MANUAL SEAT ADJUSTER MECHANICAL DIAGNOSIS

Condition	Action
NOTE:	

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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.
The adjusters are new, not broken in.	Operate the seat to the fully forward and fully rearward positions several times in order to work the tightness out of the channels.
The adjusters are improperly lubricated.	Lubricate the adjuster channels.
The adjusters are bent or damaged.	Replace the adjusters.
The adjusters are binding.	Lubricate or replace the adjusters.
The seat components are loose, damaged, or broken.	Repair or replace the defective components.
The seat mounting bolts are loose.	Tighten the mounting bolts to specifications.
The adjuster lock bar spring is disconnected or broken.	Repair or replace the spring.
The adjuster lock bar is sticking or binding.	Lubricate the lock bar pivot or replace the adjuster.
The locking wire is too loose.	Tighten the locking wire.
The locking wire is disconnected or broken.	Repair or replace the locking wire.
The locking wire is too tight.	Loosen the locking wire.

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 **Fastener Specifications**.

MANUAL SEAT ADJUSTER DOES NOT LOCK

Problem	Action
The locking wire is too tight.	Loosen the locking wire.

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Problem	Action
The adjuster lock bar spring is disconnected or broken.	Repair or replace the spring.
The adjuster lock bar is sticking or binding.	Lubricate the lock bar pivot or replace the adjuster.

MANUAL SEAT ADJUSTER DOES NOT UNLOCK

Problem	Action
The locking wire is too loose.	Tighten the locking wire.
The locking wire is disconnected or broken.	Repair or replace the locking wire.
The adjuster lock bar is sticking or binding.	Lubricate the lock bar pivot.

MANUAL SEAT ADJUSTER LOCKS BETWEEN LOCK POSITIONS

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

SEATS - ADJUSTER TRACK LOCKS AHEAD OF OTHER TRACK

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

REPAIR INSTRUCTIONS

DRIVER OR PASSENGER SEAT REMOVAL AND INSTALLATION

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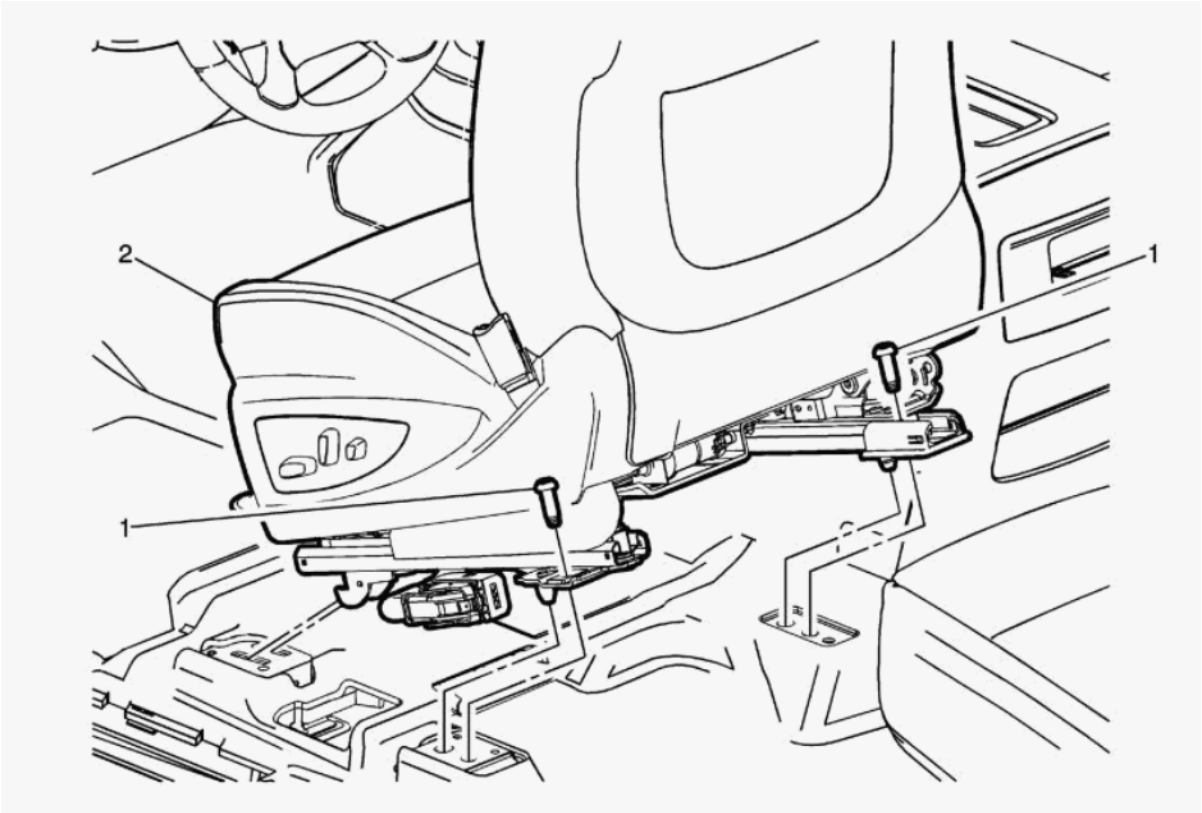


Fig. 1: Driver or Passenger Seat
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
WARNING: **Refer to SIR Warning .** **Preliminary Procedure** 1. Disable the SIR system. Refer to **SIR Disabling and Enabling** . 2. 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 adjuster finish cover. Refer to **Driver or Passenger Seat Adjuster Finish Cover Replacement**.	
1	Driver or Passenger Seat Bolt (Qty: 2) **CAUTION:** **Refer to Fastener Caution .** **Procedure**

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Callout	Component Name
	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 **Control Module References**

FRONT CENTER SEAT REMOVAL AND INSTALLATION (EXCEPT HP5)

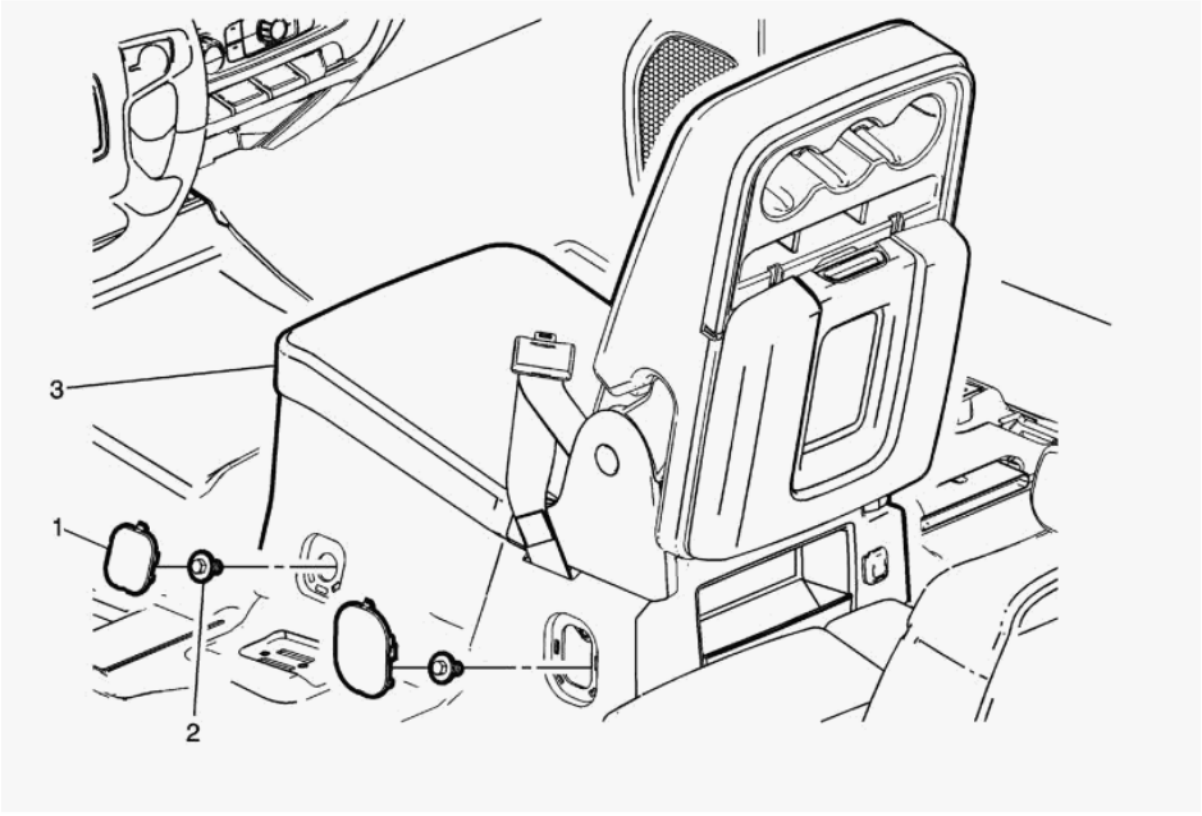


Fig. 2: Front Center Seat (Except HP5)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the driver and passenger seats. Refer to **Driver or Passenger Seat Removal and Installation**.	
1	Front Center Seat Stanchion Cover (Qty: 4)
2	Front Center Seat Bolt (Qty: 4)

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Callout	Component Name
	CAUTION: **Refer to** **Fastener Tightening Caution** . 45 N.m (33 lb ft)
3	Front Center Seat Assembly **Procedure** Disconnect the electrical connector.

FRONT CENTER SEAT REMOVAL AND INSTALLATION (HP5)



Fig. 3: Front Center Seat (HP5)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure 1. Disable the high voltage system. **High Voltage Disabling** 2. **Driver or Passenger Seat Removal and Installation**	
1	Front Floor Console Grille
2	Front Center Seat Bolt **CAUTION:**

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Callout	Component Name
	Refer to Fastener Caution . **Tighten** 45 N.m (33 lb ft)
3	Front Center Seat **Procedure** 1. Disconnect the electrical connector. 2. Enable the high voltage system. High Voltage Disabling

DRIVER OR PASSENGER SEAT INNER ADJUSTER FRONT FINISH COVER REPLACEMENT

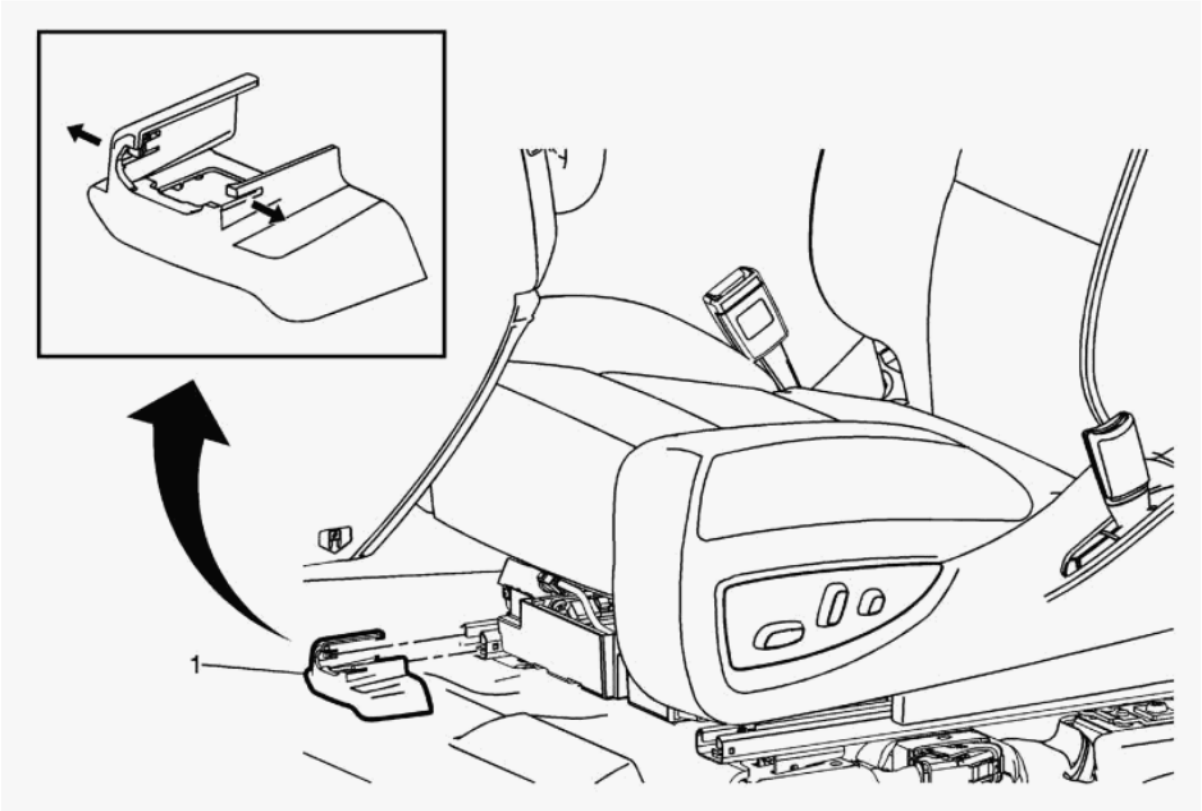


Fig. 4: Driver or Passenger Seat Inner Adjuster Front Finish Cover
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Driver or Passenger Seat Inner Adjuster Front Finish Cover **CAUTION:** **Do not twist the cover**

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Callout	Component Name
	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 disengage it from the seat track.

DRIVER OR PASSENGER SEAT INNER ADJUSTER REAR FINISH COVER REPLACEMENT

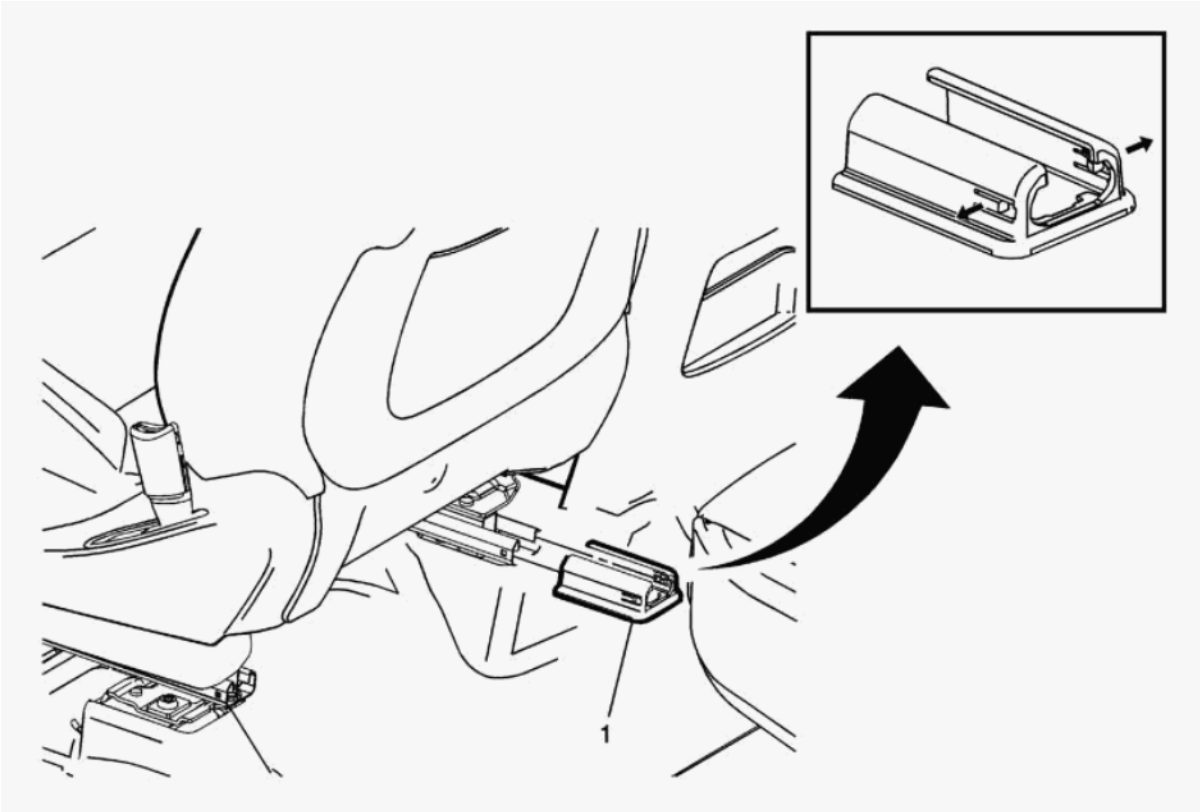


Fig. 5: Driver Or Passenger Seat Inner Adjuster Rear Finish Cover
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Driver or Passenger Seat Inner Adjuster Rear Finish Cover **CAUTION:**

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Callout	Component Name
	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 **Driver or Passenger Seat Removal and Installation**

FRONT SEAT ADJUSTER REAR FINISH COVER REPLACEMENT

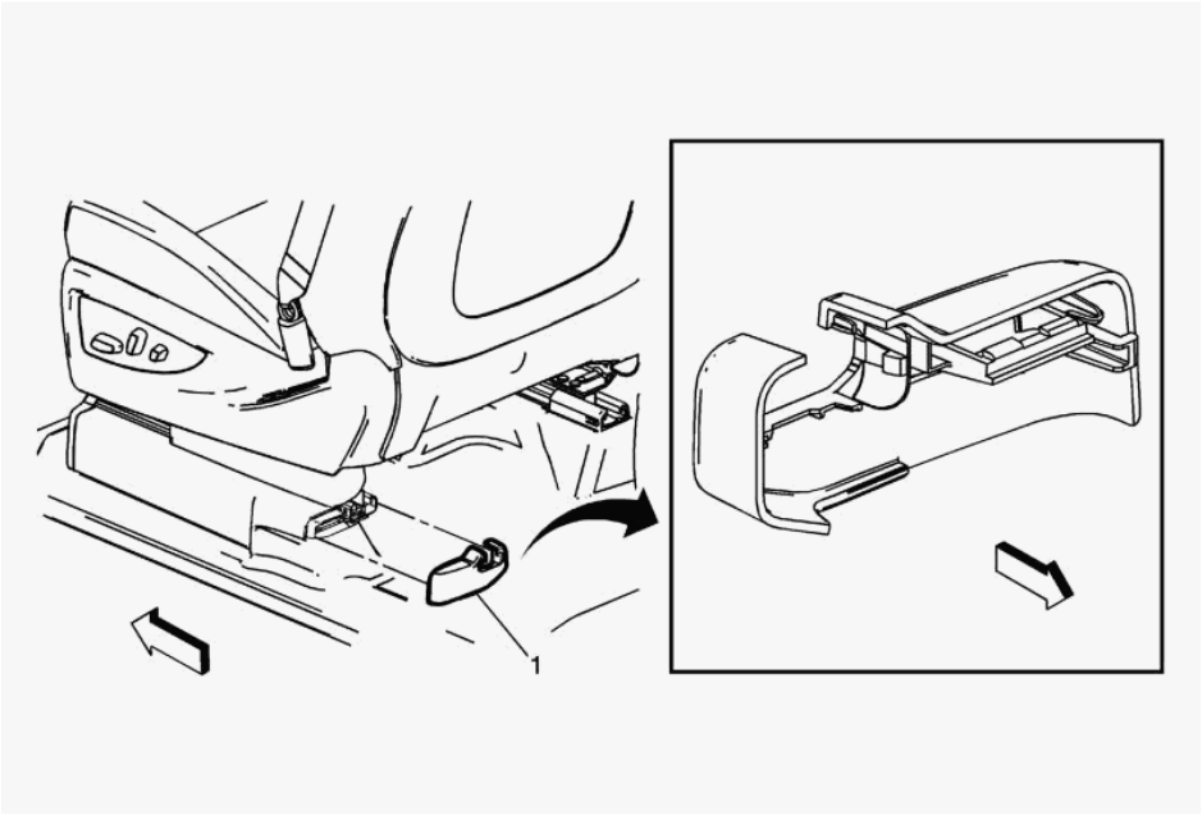


Fig. 6: Front Seat Adjuster Rear Finish Cover
Courtesy of GENERAL MOTORS COMPANY

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Callout	Component Name
1	Front Seat 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 finish cover. 2. Firmly grasp the finish cover, pulling rearward to disengage it from the seat track.

FRONT SEAT ADJUSTER KNOB REPLACEMENT (8 WAY POWER)

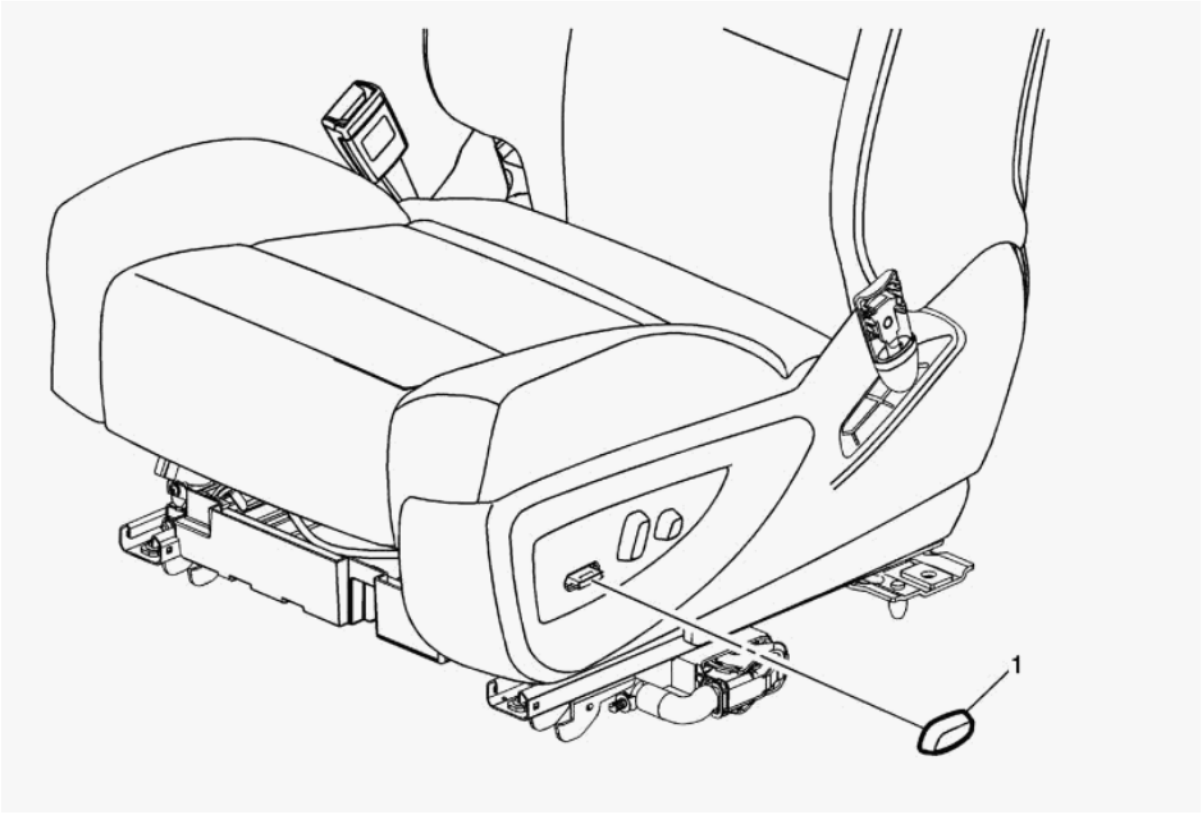


Fig. 7: Front Seat Adjuster Knob (8-Way Power)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Front Seat Adjuster Knob **Procedure**

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

DRIVER OR PASSENGER SEAT ADJUSTER HANDLE REPLACEMENT (2 WAY MANUAL)

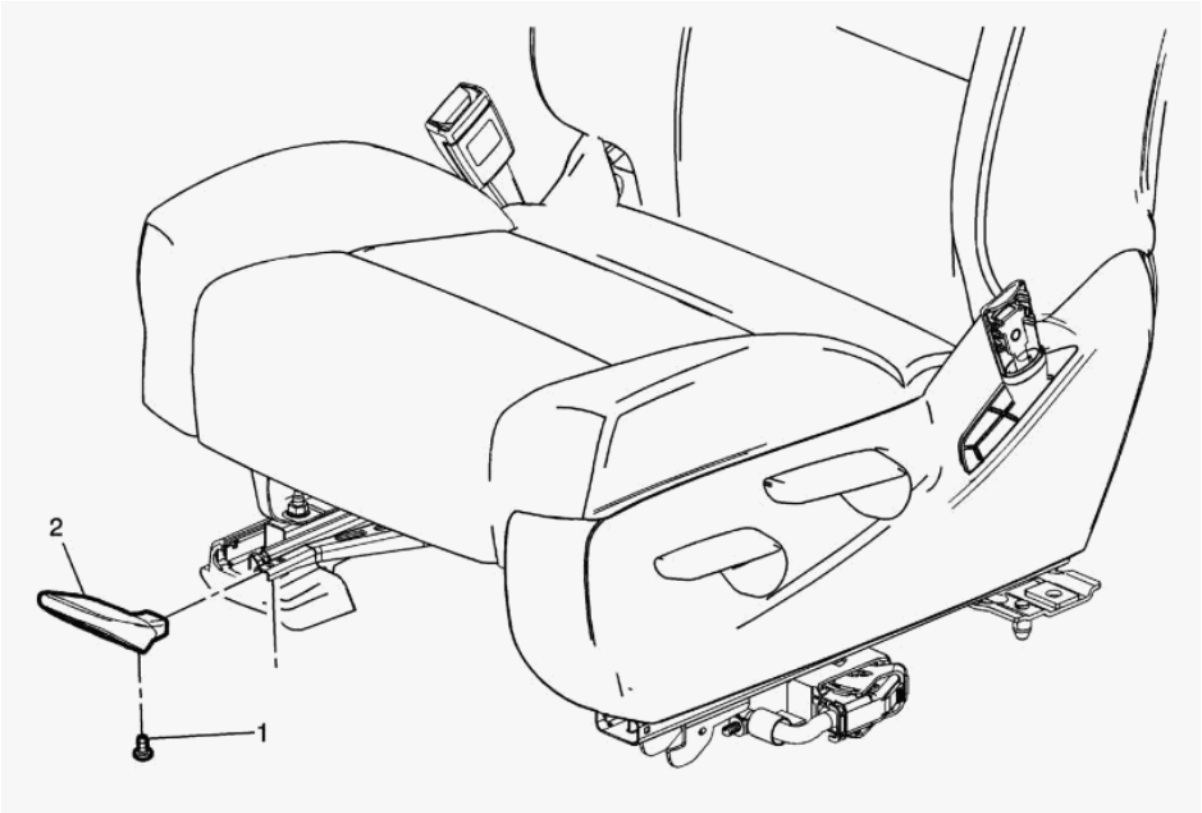


Fig. 8: Driver or Passenger Seat Adjuster Handle (2 Way Manual)
Courtesy of GENERAL MOTORS COMPANY

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

FRONT SEAT ADJUSTER SWITCH BRACKET REPLACEMENT

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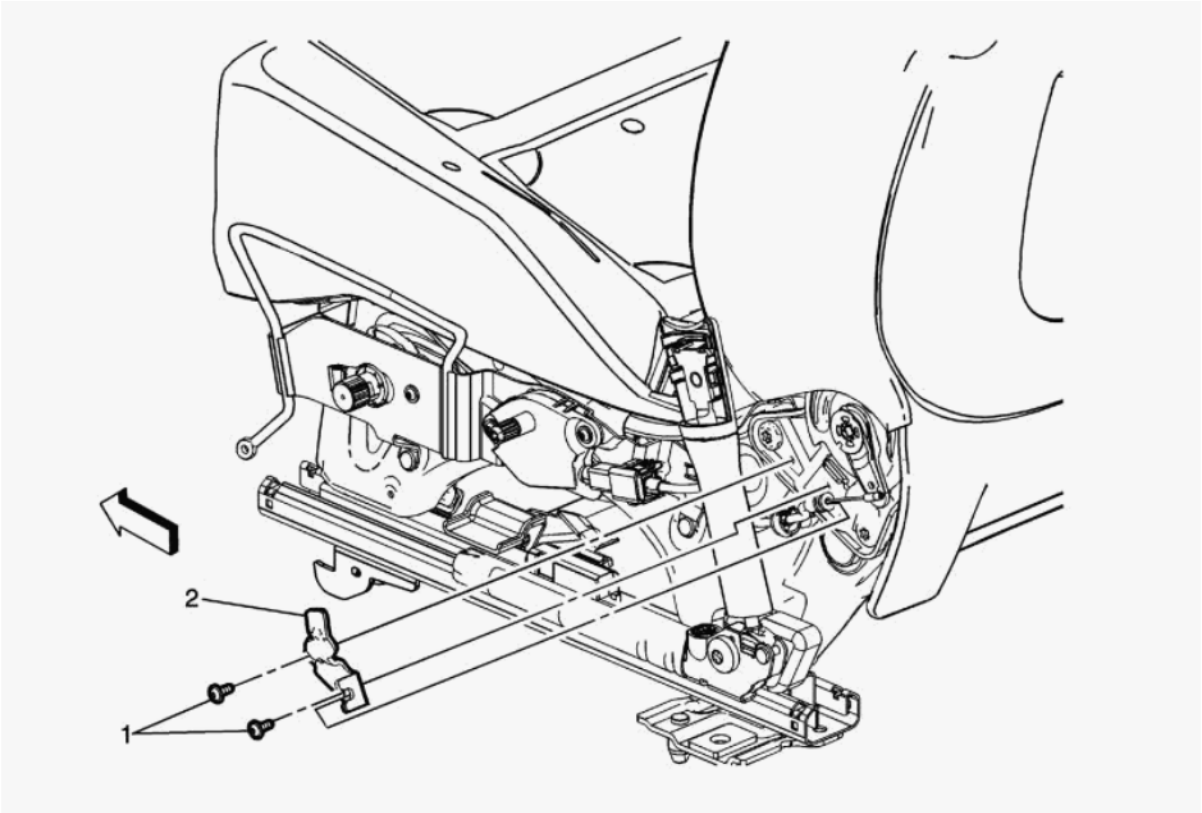


Fig. 9: Front Seat Adjuster Switch Bracket
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the front seat cushion outer finish cover. Refer to **Front Seat Cushion Outer Finish Cover Replacement (8 Way Power)Front Seat Cushion Outer Finish Cover Replacement (2 Way Manual)**.	
1	Front Seat Adjuster Switch Bracket Screw (Qty: 2) **CAUTION:** **Refer to Fastener Caution .**
2	Front Seat Adjuster Switch Bracket **Procedure** Detach the recliner cable from the adjuster switch bracket.

FRONT SEAT ADJUSTMENT (MANUAL RECLINER)

Adjustment Procedure

WARNING: Refer to SIR Warning .

1. For the seat inspection, determine if the front driver and passenger seats are 8-way power seats or 2-way manual seats. Perform the seat inspection on seats equipped with the 2-way manual recliner option by proceeding to the next steps.
2. It is important to ensure that the recliners are fully locked when adjusting the cable.

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3. To ensure the recliners are fully locked follow steps. Lift the recliner handle and allow the seatback to come to the full forward position (Caution: seatback may come forward forcefully.) Release the recliner handle and gently push the seatback rearward until it locks in its first position. Shake the seatback forward and rearward at least 3 times to verify it is fully locked. Make sure the recliner lever is not moved/bumped/nudged out of position during the adjustment process.

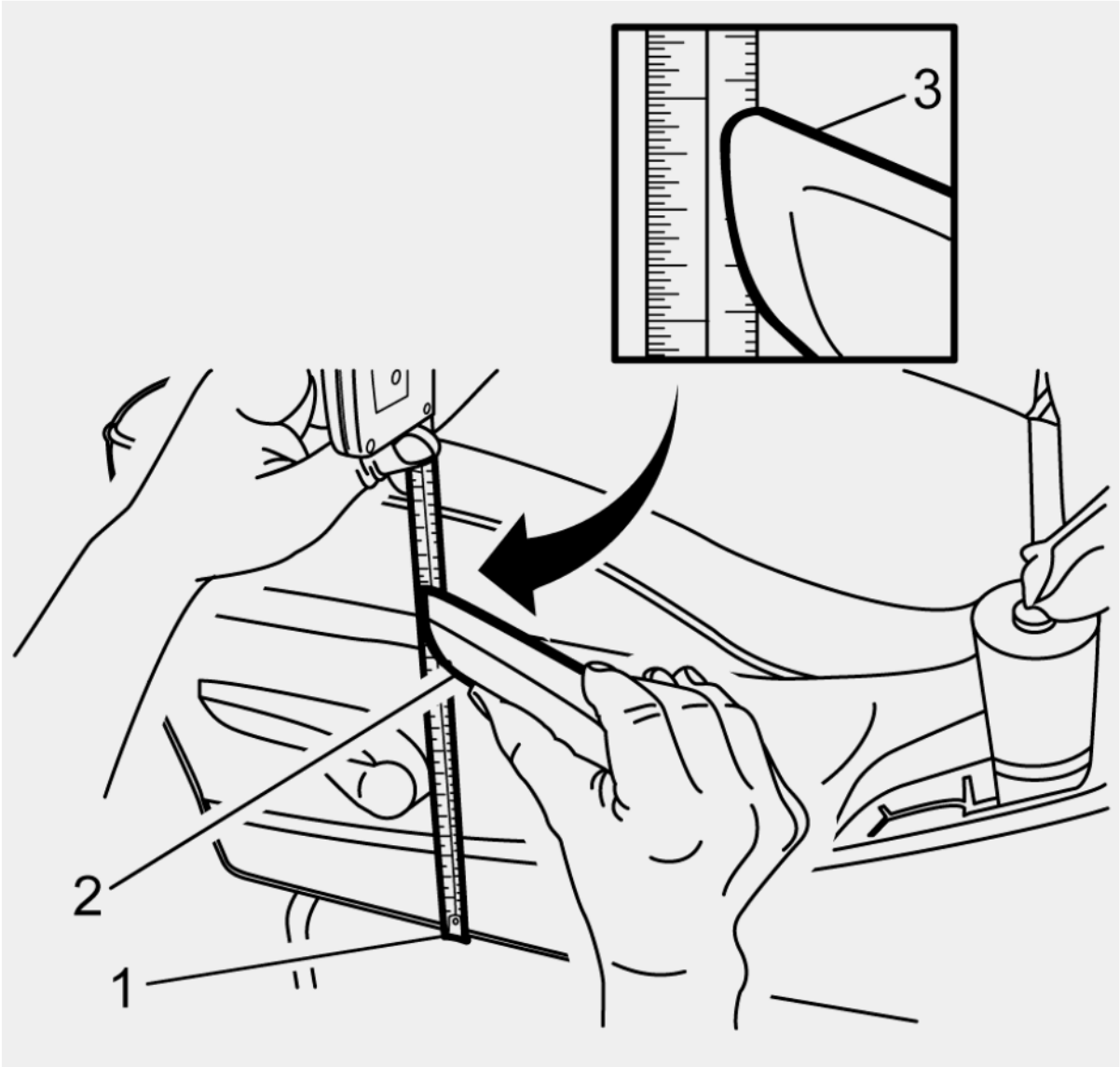


Fig. 10: Measuring Travel Of Recliner Handle
Courtesy of GENERAL MOTORS COMPANY

4. Using a tape measure, measure the travel of the recliner handle.
5. Route the tape measure from the bottom of the front seat cushion outer finish cover (1) upward and behind the recliner handle (2) as shown in the illustration.
6. Ensure your sight line is eye level with the tape measure and recliner handle.
7. Turn the recliner handle upward to the top position of the handle.
8. Measure where the top of the handle (3) intersects with the measuring tape.
9. If the seatback moves BEFORE 202 mm (7.95 in), proceed to step 11.
10. If the seatback does NOT move before the top of the recliner handle reaches the 202 mm (7.95 in) specification, no further action is required.

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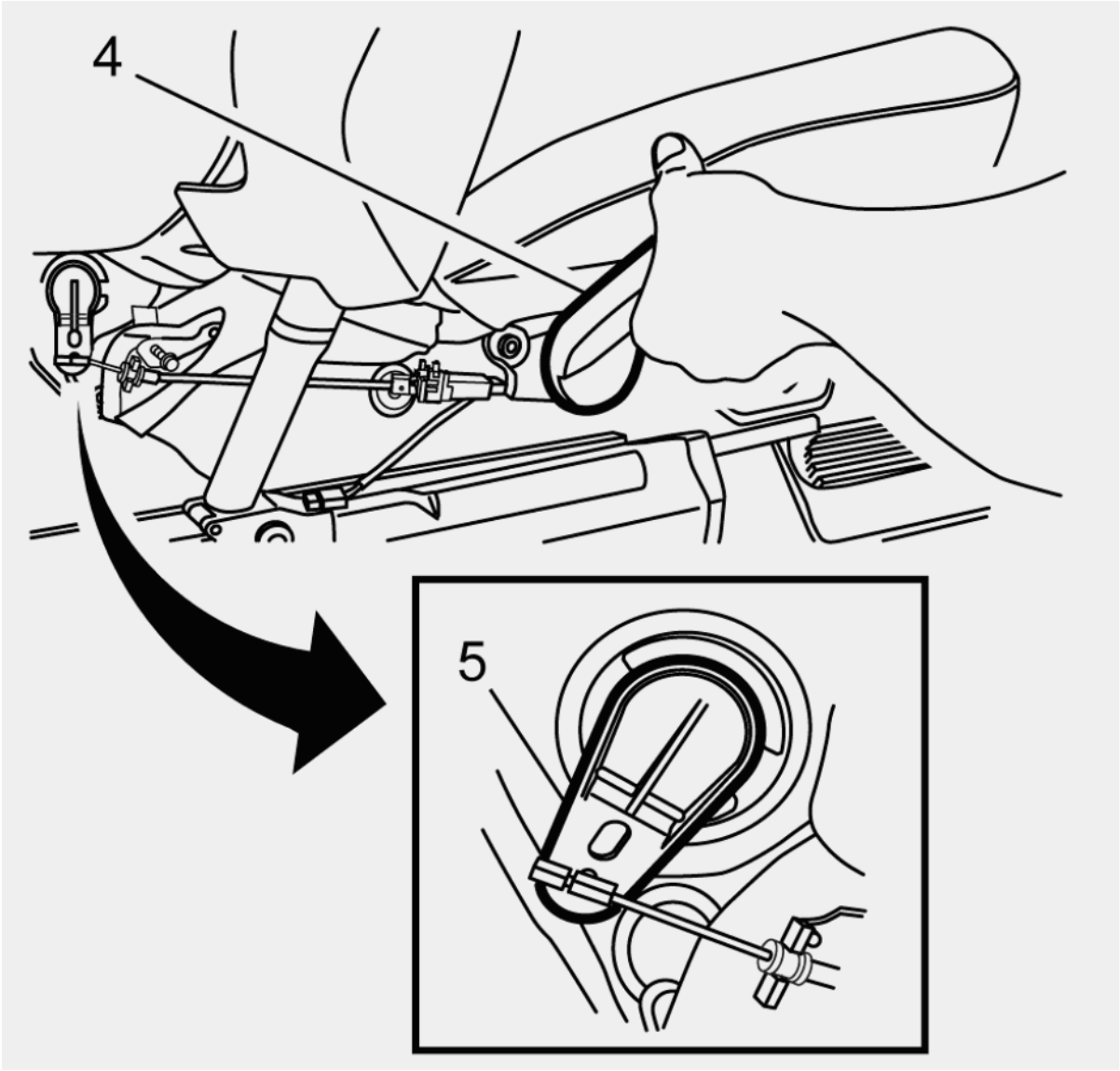


Fig. 11: Recliner Lever
Courtesy of GENERAL MOTORS COMPANY

11. For the recliner and cable adjustment, It is important to ensure that the recliners are fully locked when adjusting the cable. To ensure the recliners are fully locked follow steps.
12. Lift the recliner handle (5) and allow the seatback to come to the full forward position (Caution: seatback may come forward forcefully.)
13. Release the recliner handle and gently push the seatback rearward until it locks in its first position.
14. Shake the seatback forward and rearward at least 3 times to verify it is fully locked.
15. Make sure the recliner lever (4) is not moved/bumped/nudged out of position during the adjustment process.
16. Remove the front seat cushion outer finish cover. Refer to **Front Seat Cushion Outer Finish Cover Replacement (2 Way Manual)**.
17. If the driver seat is equipped with the manual lumbar option. Refer to **Driver or Passenger Seat Lumbar Support Replacement (2 Way Manual)**.

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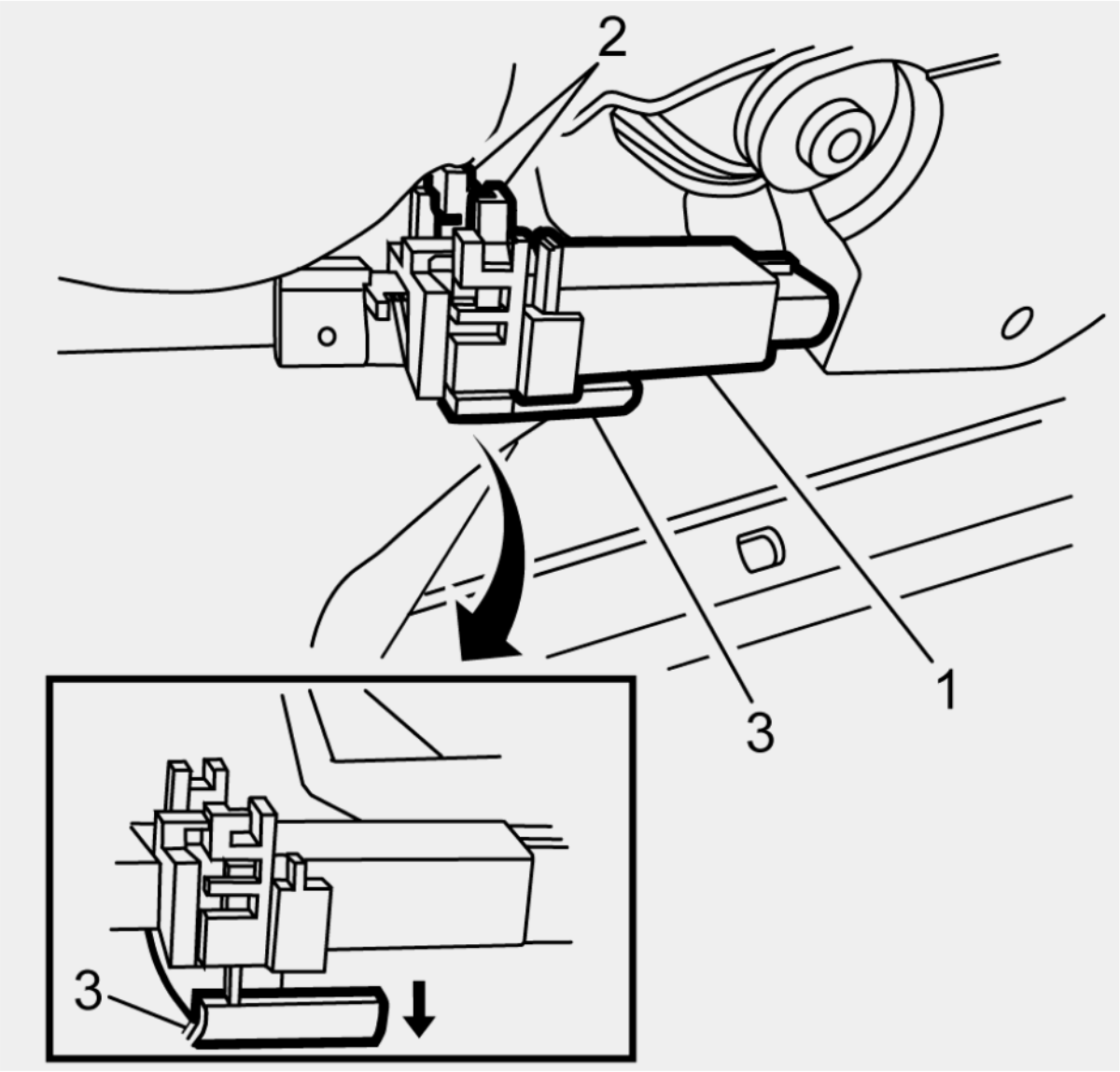


Fig. 12: Recliner Cable Adjuster Tabs And Recliner Cable Adjuster Pad
Courtesy of GENERAL MOTORS COMPANY

18. Locate the recliner cable adjuster (1).
19. Squeeze the recliner cable adjuster tabs (2) and push on the recliner cable adjuster pad (3) to unlock the recliner cable adjuster (1). Unlocking the adjuster will permit the cable to be adjusted.

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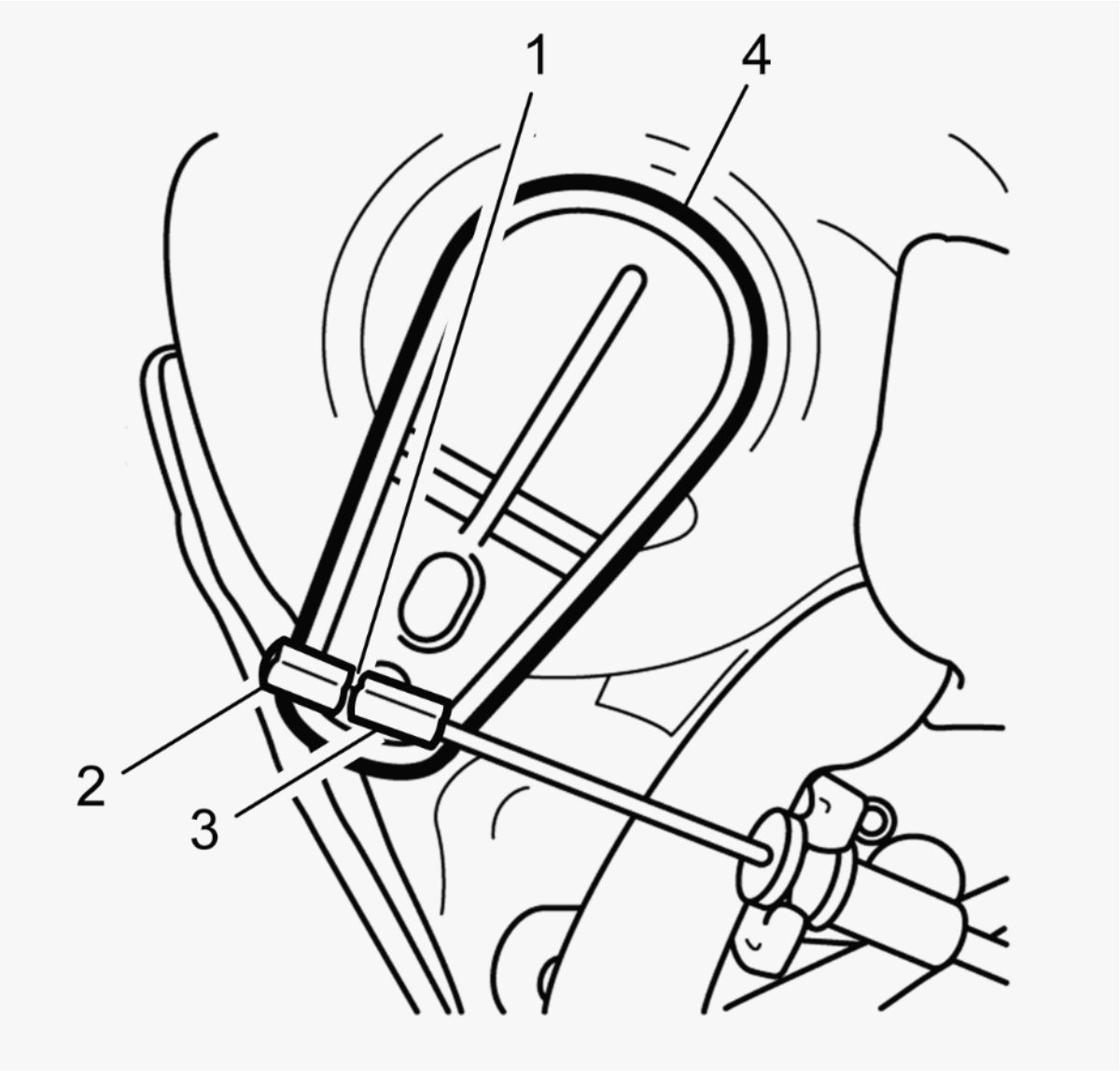


Fig. 13: Adjusting Play In Cable
Courtesy of GENERAL MOTORS COMPANY

20. Insert a dime into the cable end gap (1).
21. While holding the dime in place, adjust the play in the cable so the ferrule (2), the dime and the Z-fitting (3) are gently touching. Make sure the recliner lever (4) is not moved/bumped/nudged out of position during the adjustment process.

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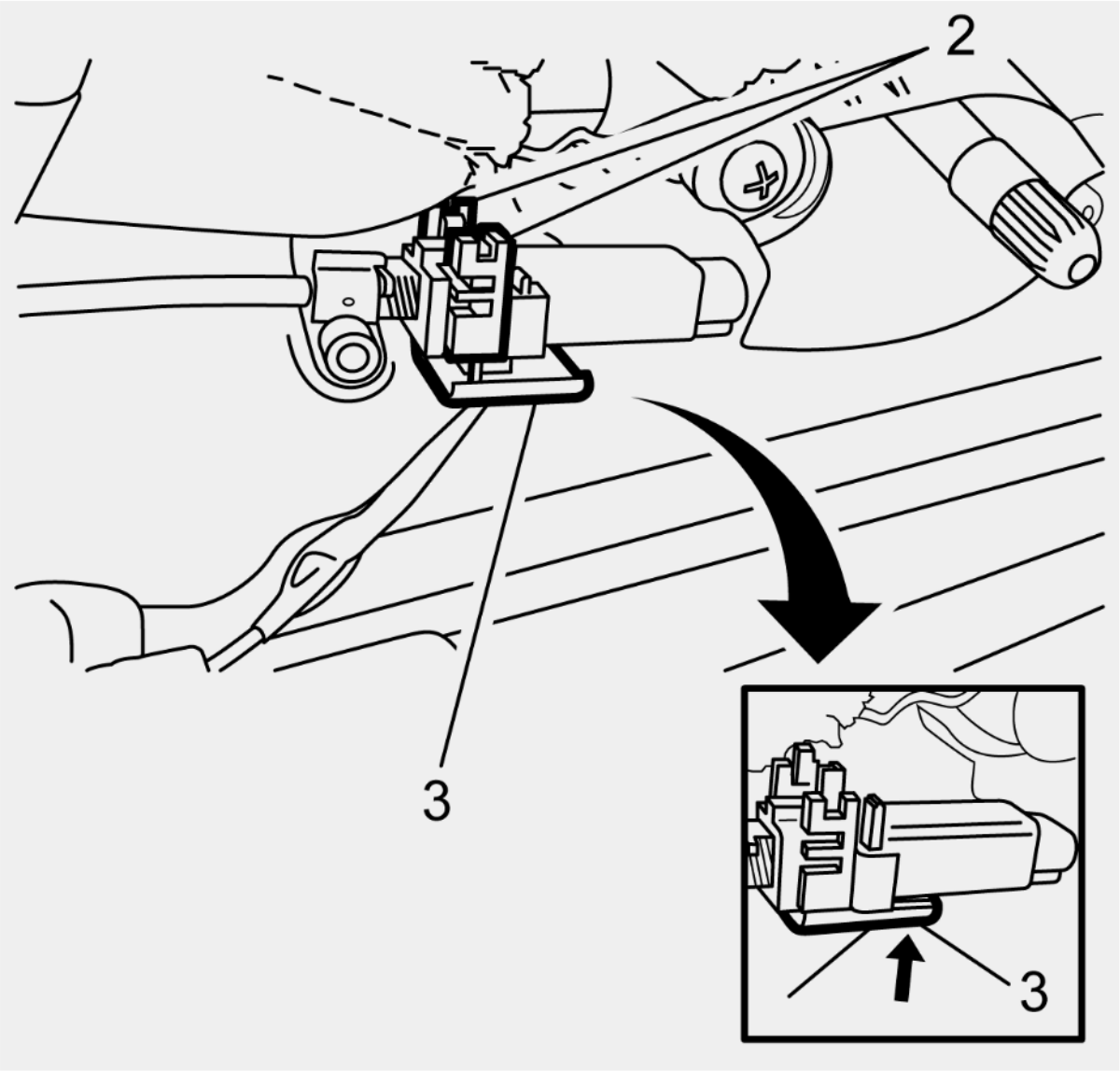


Fig. 14: Recliner Cable Adjuster Pad And Recliner Cable Adjuster
Courtesy of GENERAL MOTORS COMPANY

22. Push the recliner cable adjuster pad (3) to lock the recliner cable adjuster (2). Remove the dime. The adjusting process is now complete.
23. Note: The cable end gap may increase or decrease a small amount once the recliner cable adjuster is placed in the lock position.

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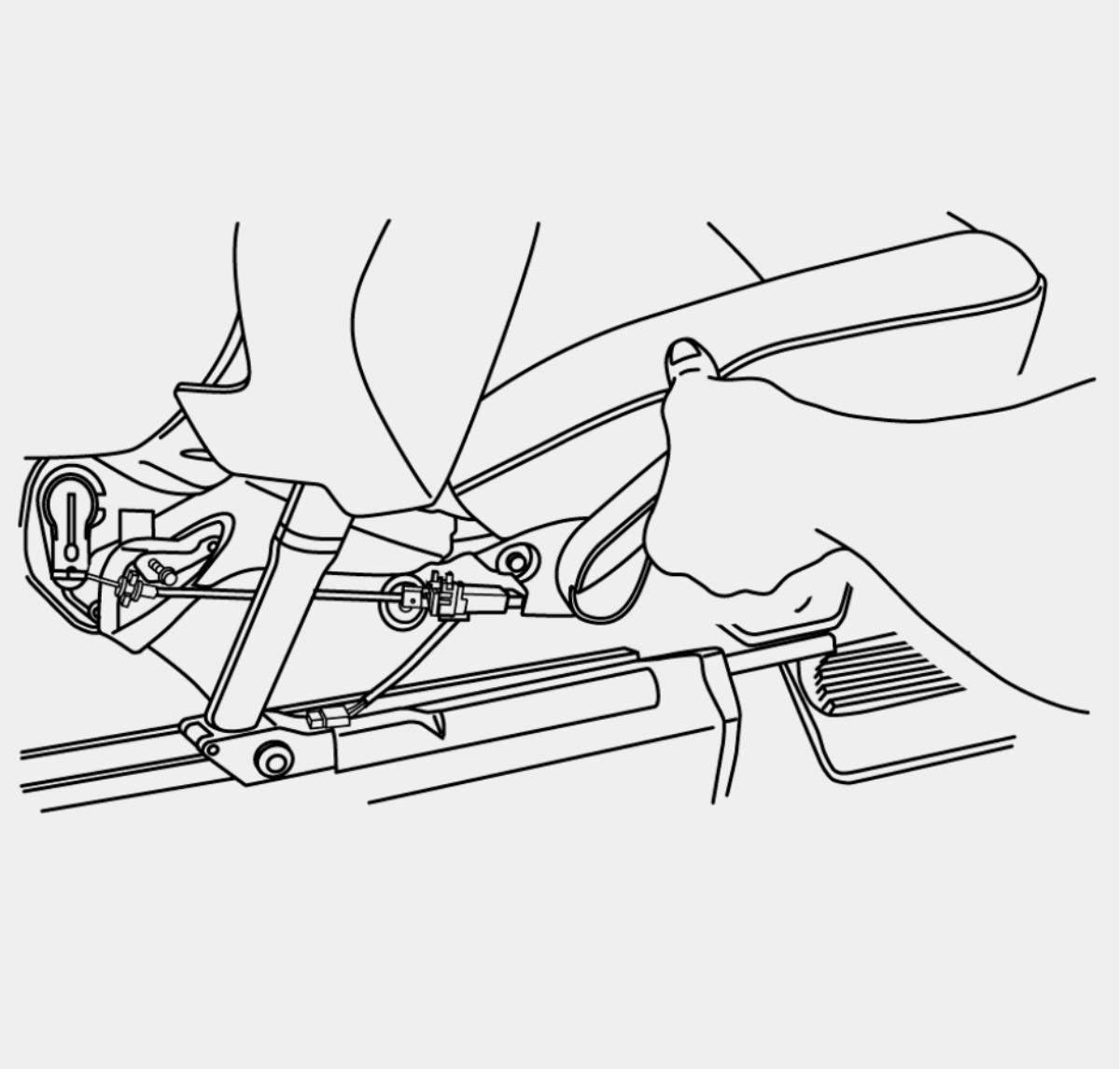


Fig. 15: Lifting Recliner Handle
Courtesy of GENERAL MOTORS COMPANY

24. Verify the cable adjustment was successful: Temporarily place recliner handle onto the recline spline and lift the recliner handle and allow the seatback to come to the full forward position.
25. Using caution so the seatback doesn't come forward forcefully, release the recliner handle.
26. Gently push the seatback rearward until it locks in its first position.
27. Shake the seatback forward and rearward at least 3 times to verify it is fully locked. There should be no movement of the seatback beyond a small amount of lash, and no ratcheting sound.
28. If the seat did NOT remain locked in position, go back and re-adjust the recliner cable.
29. To perform the final verification lift the recliner handle and adjust the seat back to a reclined position.
30. Release the recliner handle.
31. Grab both sides of the top of the seat and push rearward, then pull forward and then push rearward again to verify the seatback is fully locked. There should be no movement of the seatback beyond a small amount of lash, and no ratcheting sound.
32. Push the outboard top corner of the seat back rearward firmly.
33. Push the inboard top corner of the seat back rearward firmly.

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34. There should be no movement of the seatback beyond a small amount of lash, and no ratcheting sound.
35. There must be clearance between the ferrule and Z-fitting. The cable must not have tension.
36. If there was movement of one or both sides of the seat or a ratcheting sound, or no clearance between the ferrule and the Z-fitting, go back and re-adjust the recliner cable.
37. Install the front seat cushion outer finish cover. Refer to **Front Seat Cushion Outer Finish Cover Replacement (2 Way Manual)**.

FRONT SEAT ARMREST LID REPLACEMENT

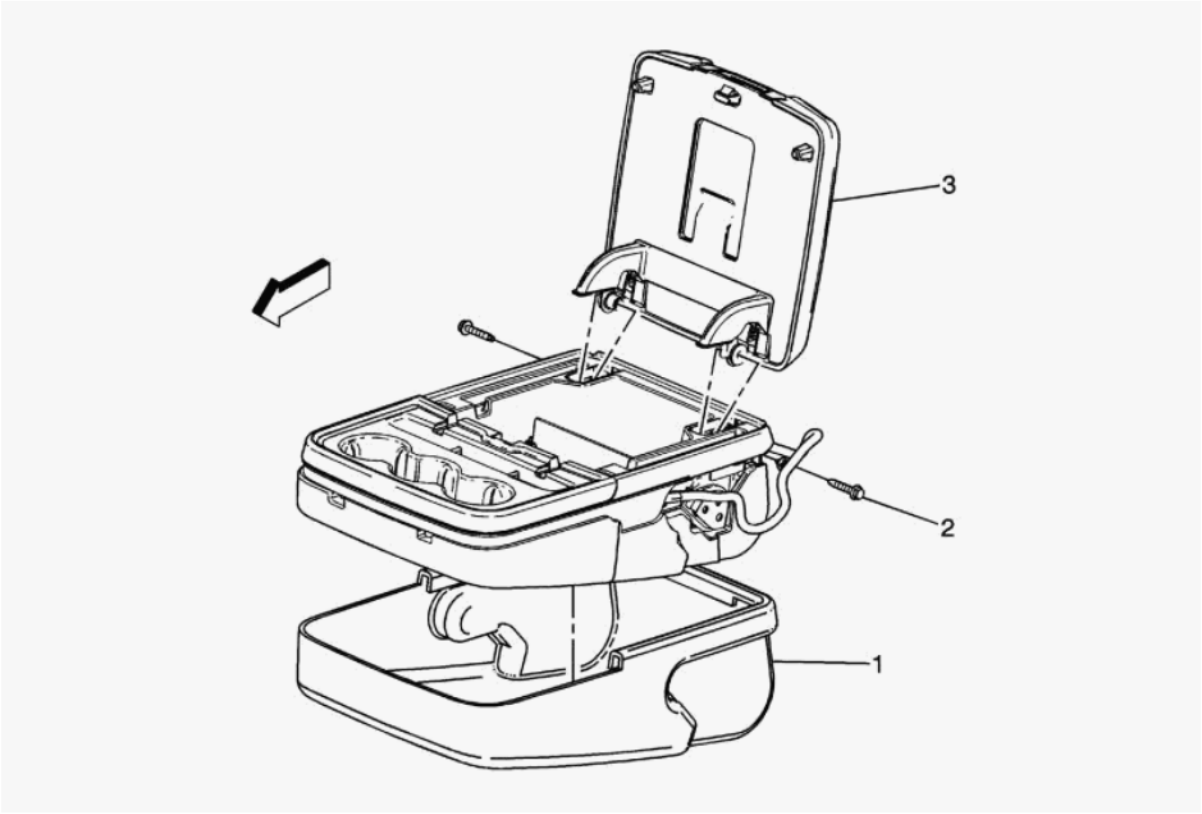


Fig. 16: Front Seat Armrest Lid
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the front seat center armrest. Refer to **Front Seat Center Armrest Replacement**.	
1	Front Seat Armrest Lower
2	Front Seat Armrest Bolt (Qty: 2) **CAUTION:** **Refer to Fastener Caution .** **Tighten** 9 N.m (80 lb in)

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Callout	Component Name
3	Front Seat Armrest Lid **Procedure** When replacing the armrest lid with a new unit, transfer components as necessary.

DRIVER OR PASSENGER SEAT HEAD RESTRAINT REPLACEMENT

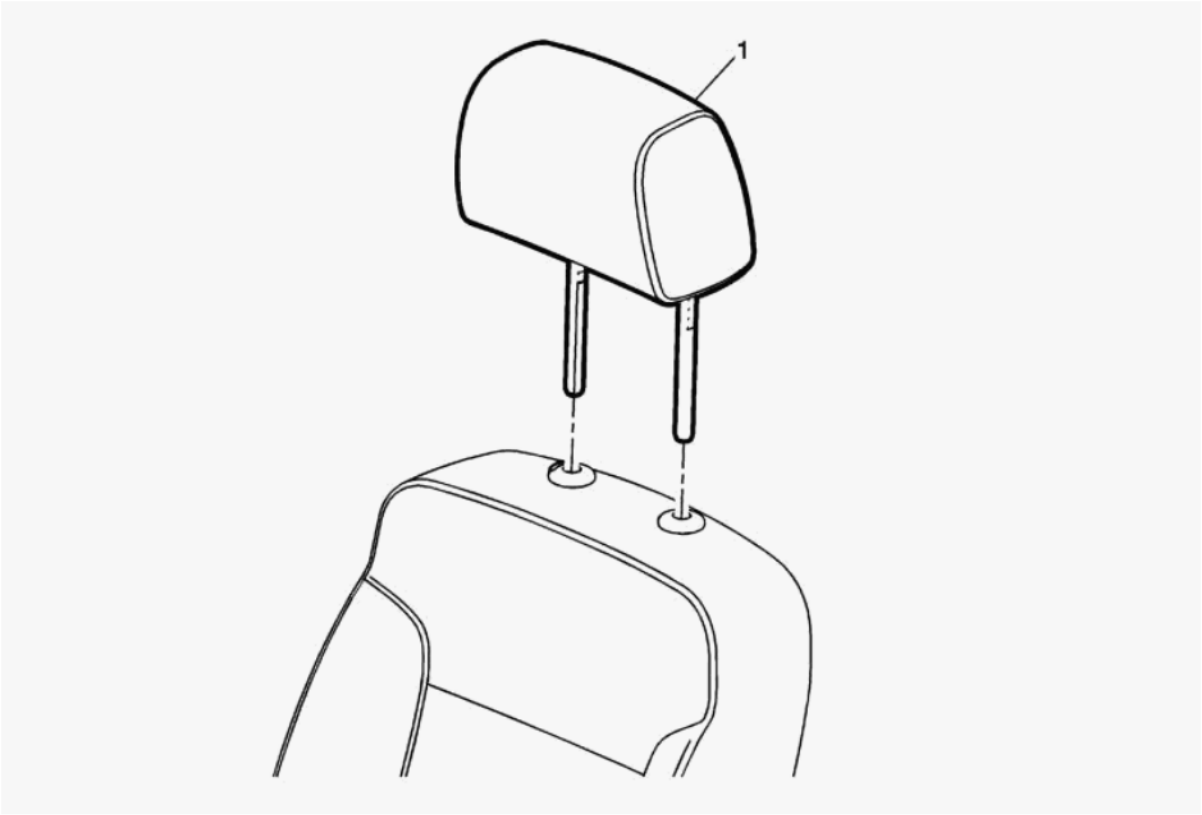


Fig. 17: Driver or Passenger Seat Head Restraint
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Driver or Passenger Seat Head Restraint **Procedure** 1. Lower the seat back 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.

DRIVER OR PASSENGER SEAT HEAD RESTRAINT GUIDE REPLACEMENT

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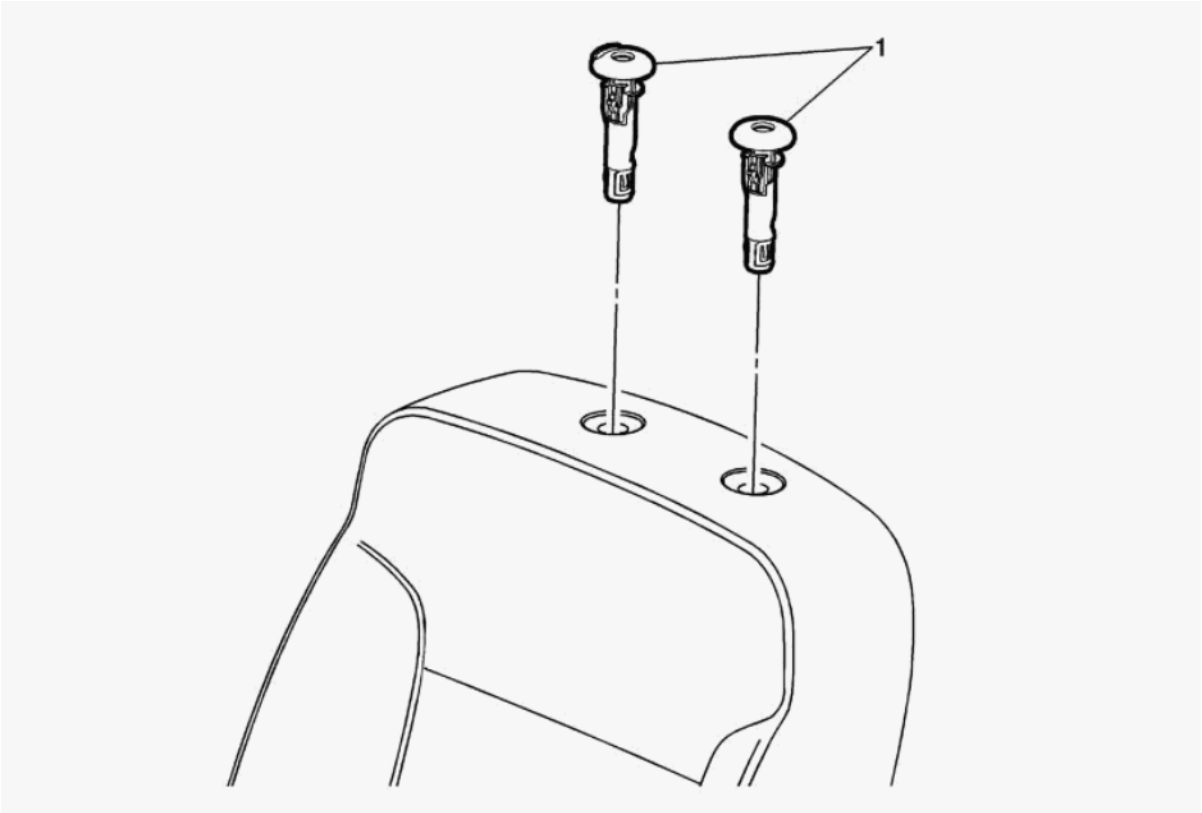


Fig. 18: Driver or Passenger Seat Head Restraint Guide
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the rear seat head restraint. Refer to **Driver or Passenger Seat Head Restraint Replacement**.	
1	Driver or Passenger Seat Head Restraint Guide (Qty: 2) **Procedure** 1. Lower the seat back 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.

FRONT SEAT HEAD RESTRAINT GUIDE BEZEL REPLACEMENT

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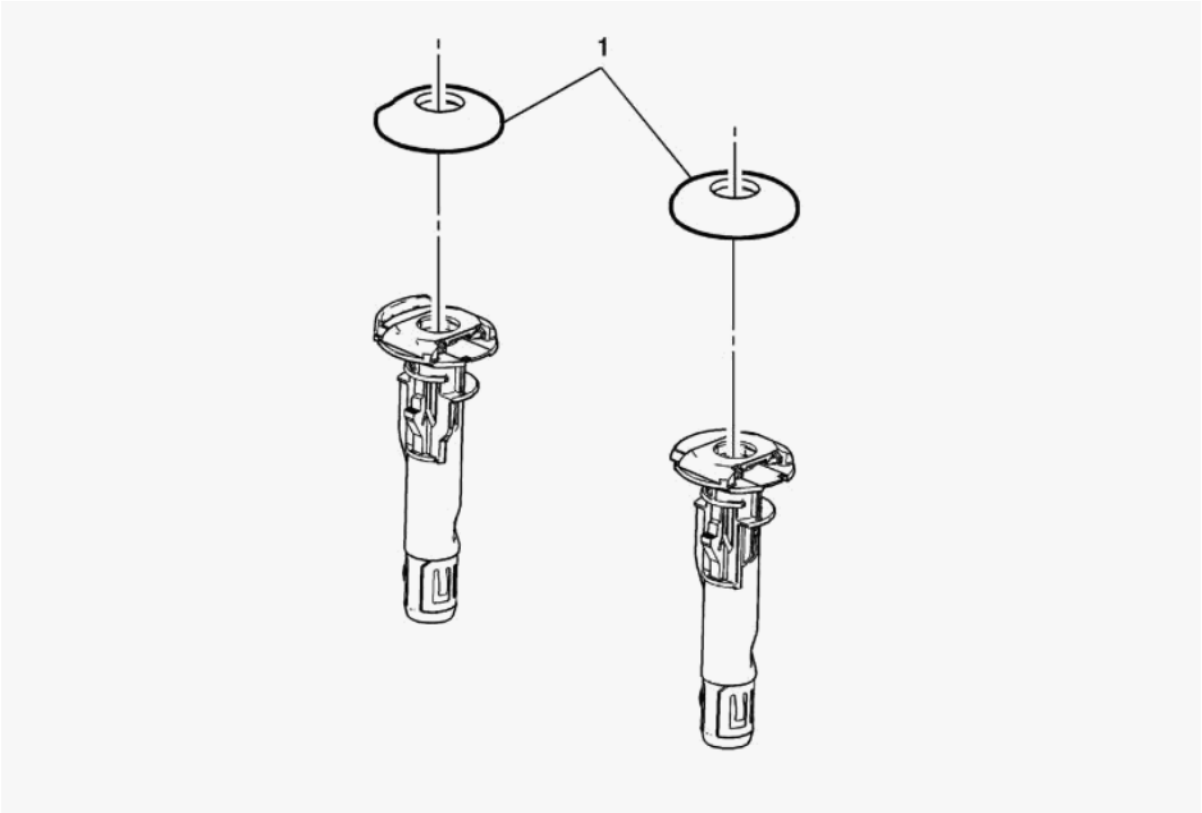


Fig. 19: Front Seat Head Restraint Guide Bezel
Courtesy of GENERAL MOTORS COMPANY

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

FRONT SEAT BELT ANCHOR PLATE TENSIONER COVER REPLACEMENT

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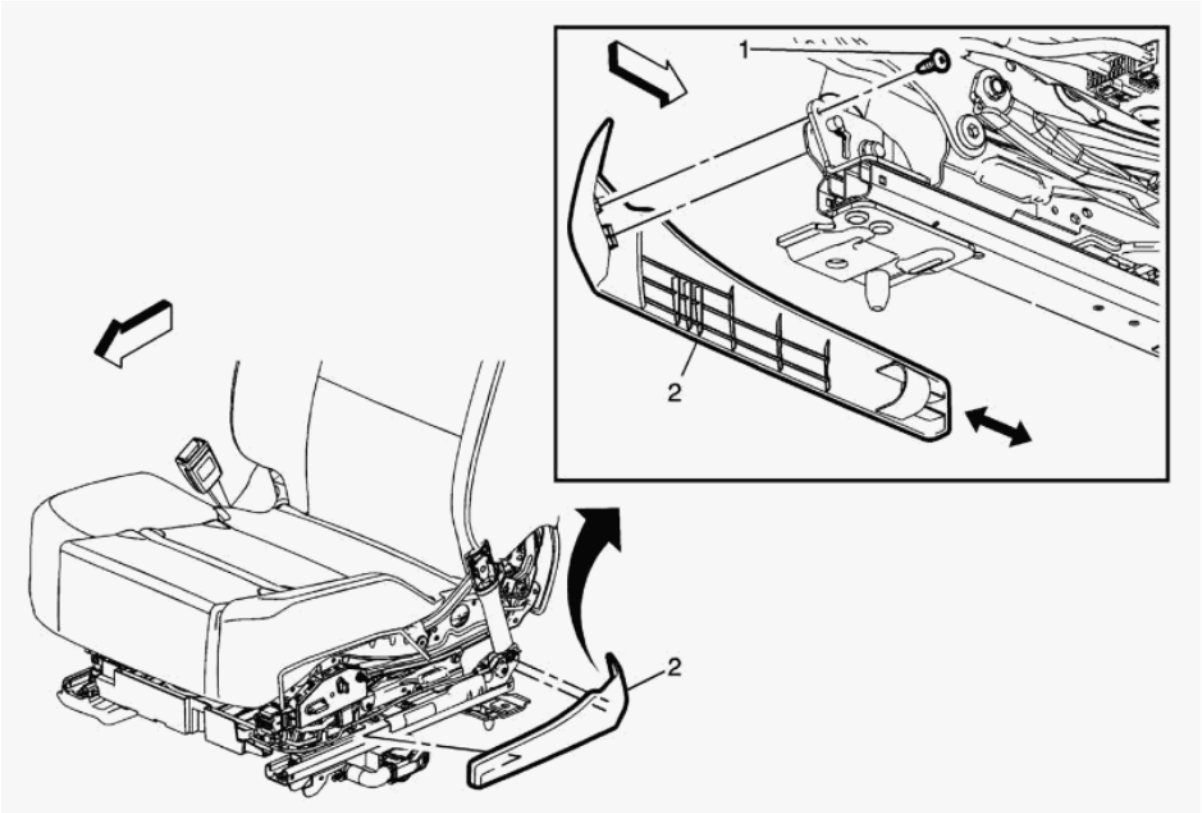


Fig. 20: Front Seat Belt Anchor Plate Tensioner Cover
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the front seat cushion outer finish cover. Refer to **Front Seat Cushion Outer Finish Cover Replacement (8 Way Power)Front Seat Cushion Outer Finish Cover Replacement (2 Way Manual)**.	
1	Front Seat Belt Anchor Plate Tensioner Cover Screw **CAUTION:** **Refer to** **Fastener Caution** . **Procedure** Raise the seat to the highest seat position.
2	Front Seat Belt Anchor Plate Tensioner Cover **Procedure** 1. Disengage the seat tensioner wiring harness from the cover. 2. Release the rear tab of the cover from the seat track. 3. Slide the finish cover forward off the tensioner rod.

DRIVER OR PASSENGER SEAT ADJUSTER FINISH COVER REPLACEMENT

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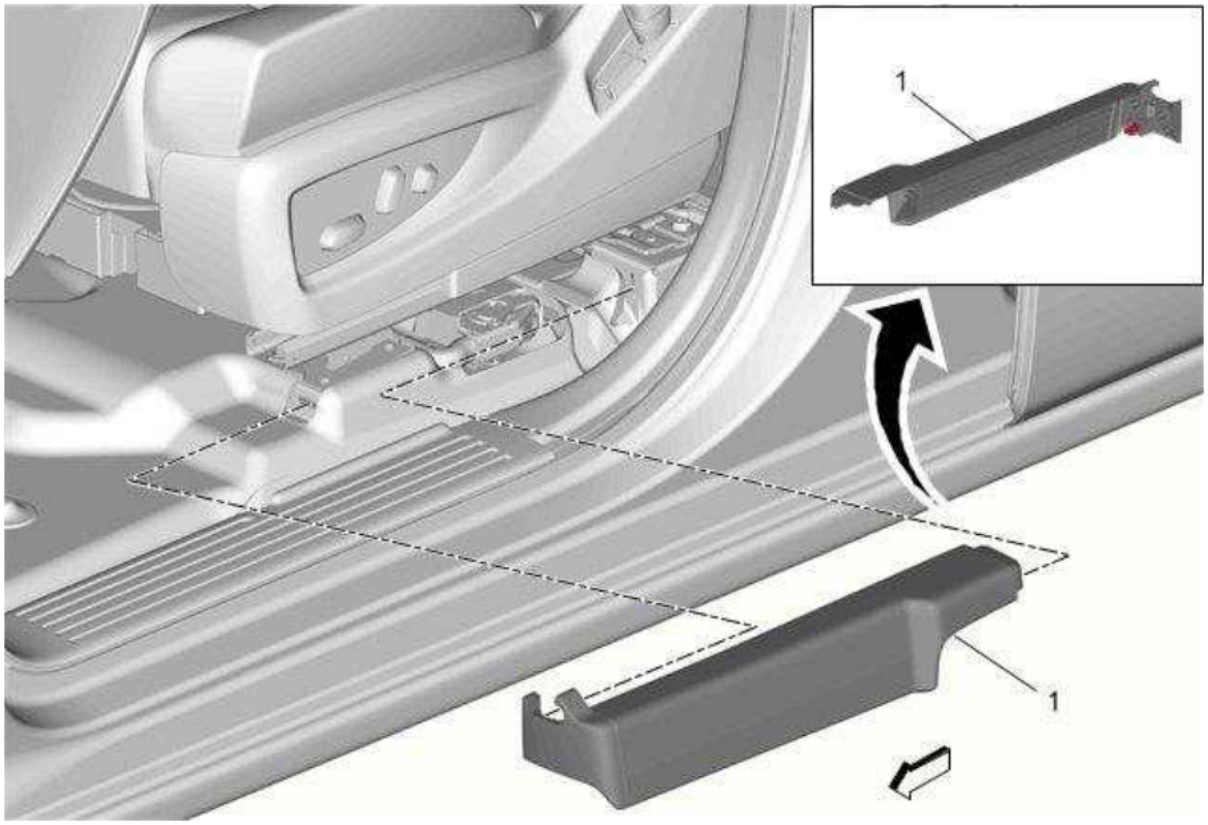


Fig. 21: Driver or Passenger Seat Adjuster Finish Cover
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure 1. Remove the front seat adjuster rear finish cover. Refer to **Front Seat Adjuster Rear Finish Cover Replacement**.	
1	Driver or Passenger Seat Adjuster 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 adjuster front finish cover and side cover, pulling forward to disengage it from the seat track.

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Callout	Component Name
	3. Firmly grasp the adjuster finish cover, pulling forward to disengage it from the seat track. 4. Make sure the front cap and side cover are not separated and heat stakes are not broken.

DRIVER OR PASSENGER SEAT INNER RECLINER FINISH COVER REPLACEMENT

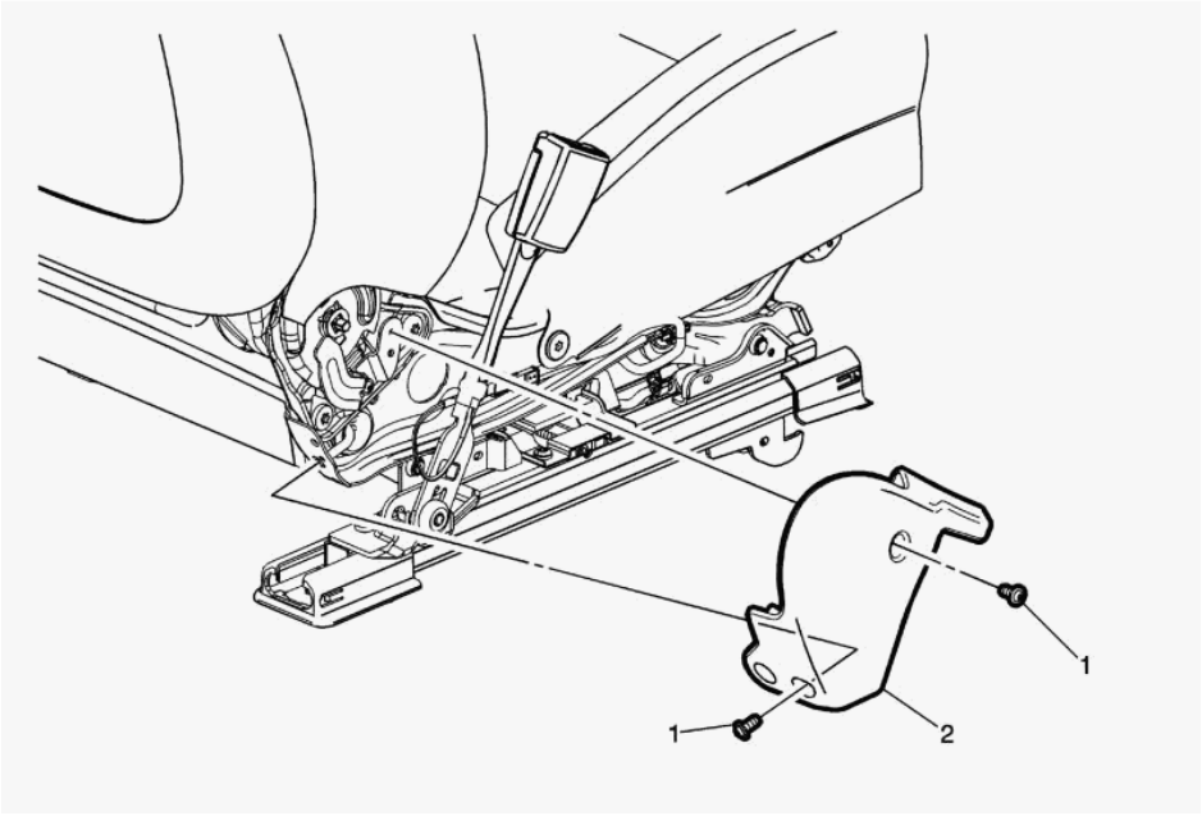


Fig. 22: Driver or Passenger Seat Inner Recliner Finish Cover
Courtesy of GENERAL MOTORS COMPANY

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

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Callout	Component Name
	2. Remove the inner finish cover by pulling upward.

FRONT SEAT CUSHION CENTER COVER REPLACEMENT (AZ3)

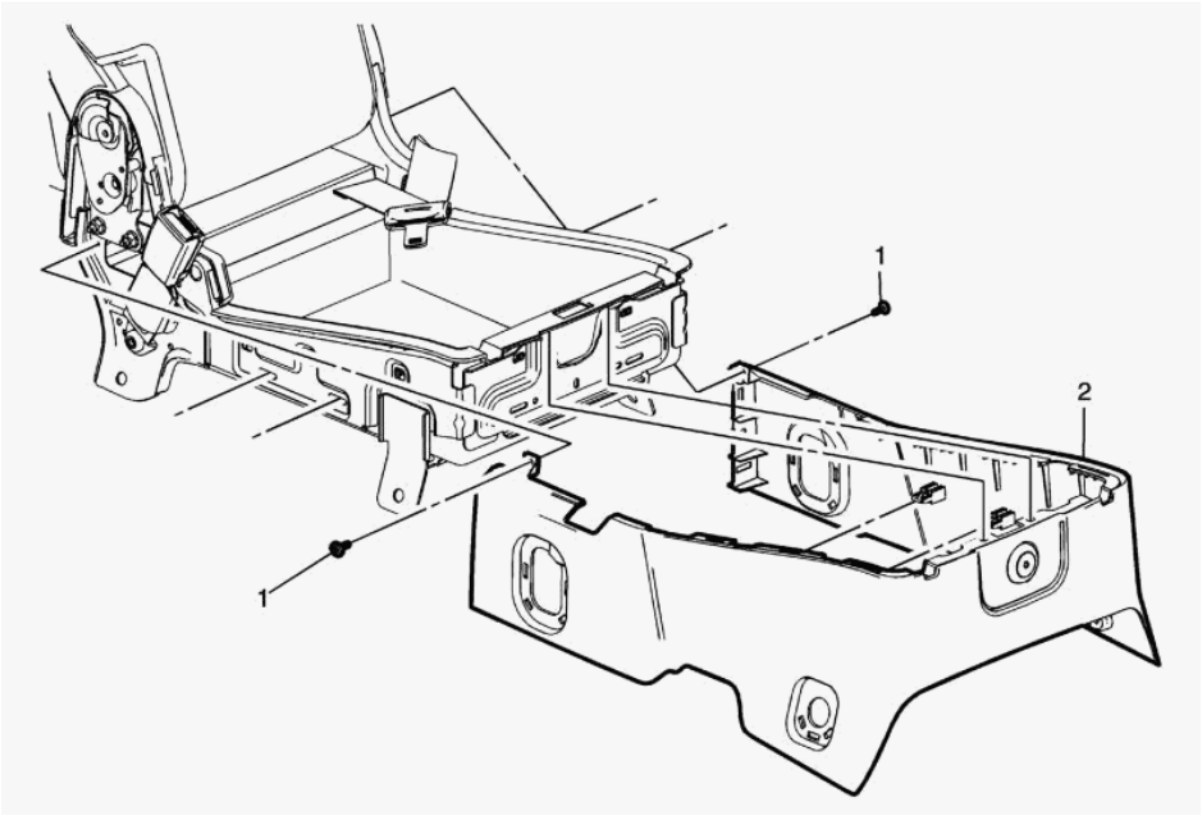


Fig. 23: Front Seat Cushion Center Cover (AZ3)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure 1. Remove the front center seat. Refer to **Front Center Seat Removal and Installation (Except HP5)**. 2. Remove the front seat cushion rear frame center cover. Refer to **Front Seat Cushion Rear Frame Center Cover Replacement (AZ3)**. 3. Remove the front seat center armrest hinge finish cover. Refer to **Front Seat Center Armrest Hinge Finish Cover Replacement**. 4. Remove the front seat cushion center pad. Refer to **Front Seat Cushion Center Pad Replacement (AZ3)**.	
1	Front Seat Cushion Center Cover Fastener (Qty: 2) **CAUTION:** **Refer to Fastener Caution .**

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Callout	Component Name
2	Front Seat Cushion Center Cover **Procedure** 1. Pull downward on the front of the cushion center cover to disengage it from the storage bin. 2. Pull outward on the cushion center cover sides to disengage it from the center seat frame. 3. Pull forward to disengage the remaining retainers.

FRONT SEAT CUSHION CENTER COVER REPLACEMENT (HP5)

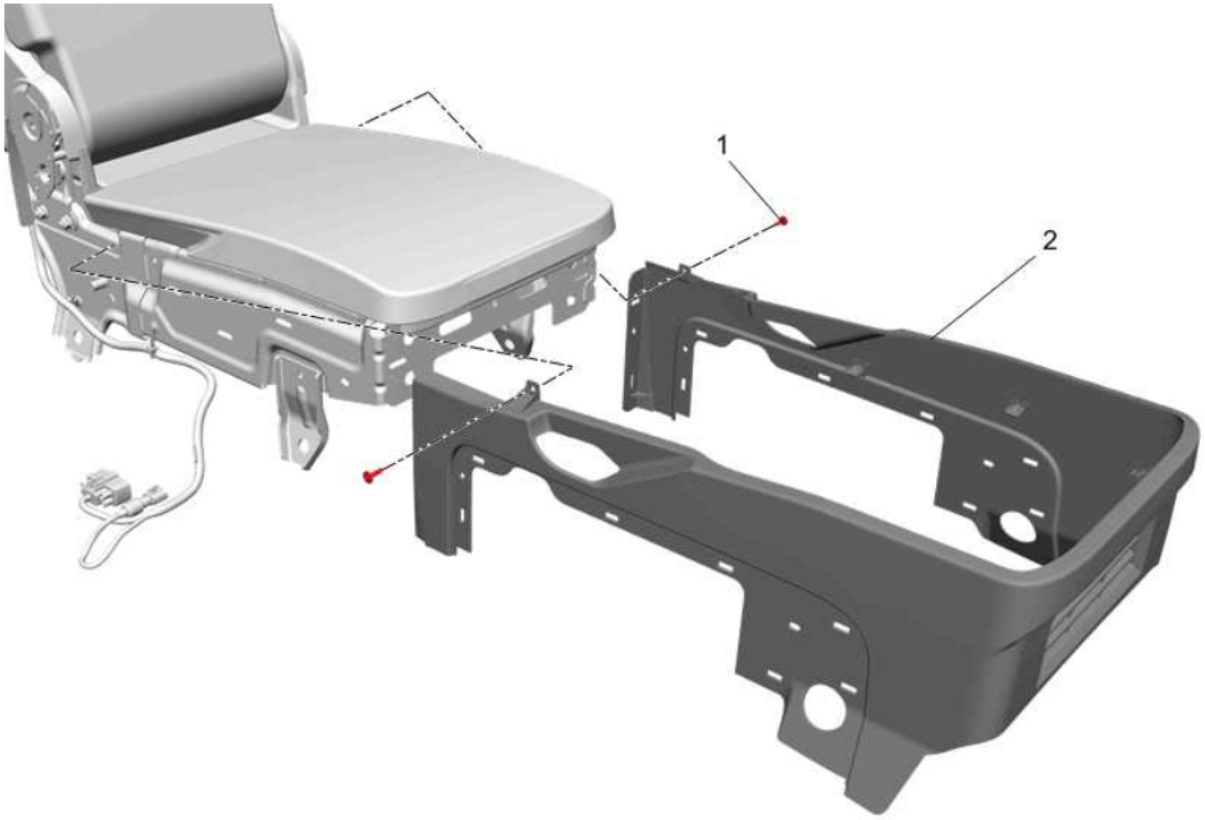


Fig. 24: Front Seat Cushion Center Cover (HP5)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. Front Center Seat Removal and Installation (HP5) 2. Front Seat Cushion Rear Frame Center Cover Replacement (HP5) 3. Front Seat Center Armrest Hinge Finish Cover Replacement 4. Front Seat Belt Latch Replacement (HP5) 5. Front Center Seat Belt Buckle Replacement (with AZ3)	

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Callout	Component Name
1	Front Seat Cushion Center Cover Fastener **CAUTION:** **Refer to** **Fastener Caution** . **Tighten** 2.5 N.m (22 lb in)
2	Front Seat Cushion Center Cover **Procedure** 1. Pull downward on the front of the cushion center cover to disengage the retainers. 2. Pull outward on the cushion center cover sides to disengage the retainers. 3. Pull forward to disengage the remaining retainers.

FRONT SEAT CUSHION CENTER FRAME REPLACEMENT (EXCEPT HP5)

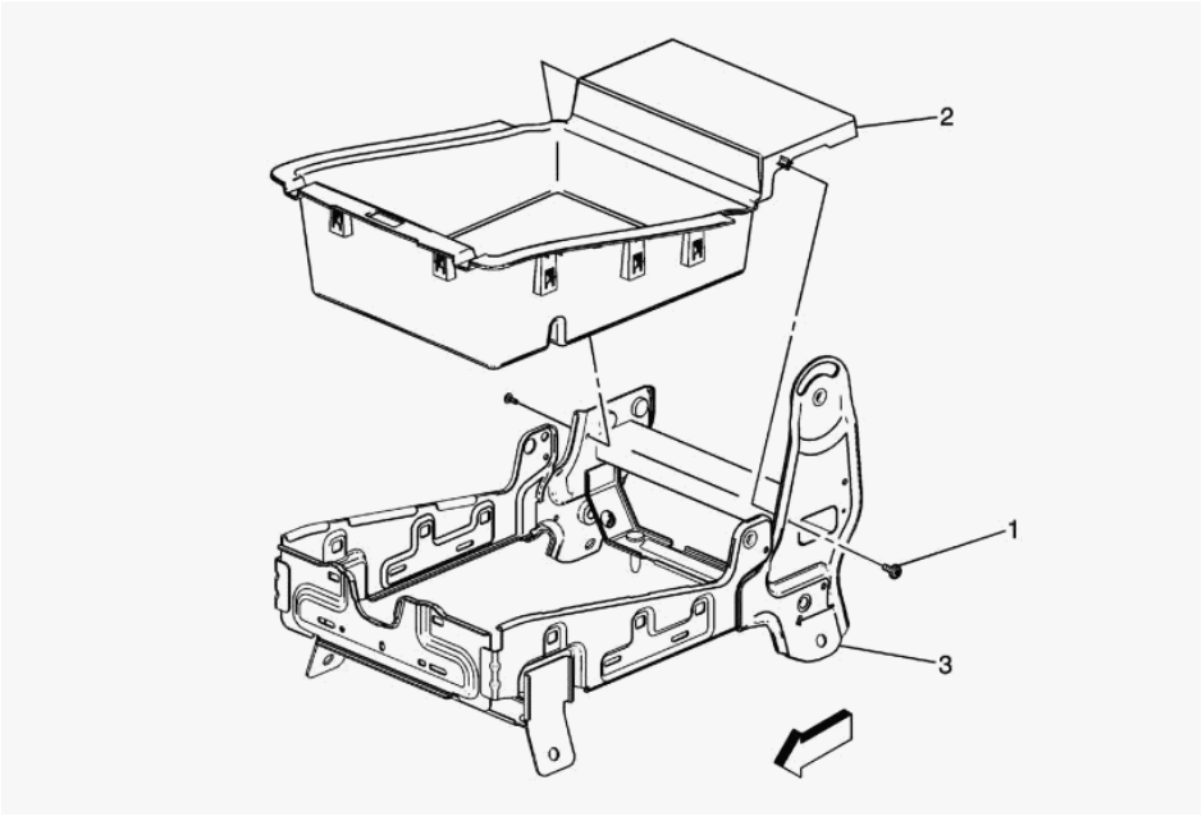


Fig. 25: Front Seat Cushion Center Frame (Except HP5)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure	

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Callout	Component Name
1. Remove the front seat cushion center cover. Refer to **Front Seat Cushion Center Cover Replacement (AZ3)**. 2. Remove the front center seat back cushion latch. Refer to **Front Center Seat Back Cushion Latch Replacement (Except HP5)**. 3. Remove the front seat center armrest hinge finish inner cover. Refer to **Front Seat Center Armrest Hinge Finish Inner Cover Replacement**.	
1	Front Seat Cushion Center Frame Screw (Qty: 2) **CAUTION:** **Refer to Fastener Caution .**
2	Front Seat Cushion Center Storage Bin
3	Front Seat Cushion Center Frame

FRONT SEAT CUSHION CENTER FRAME REPLACEMENT (HP5)

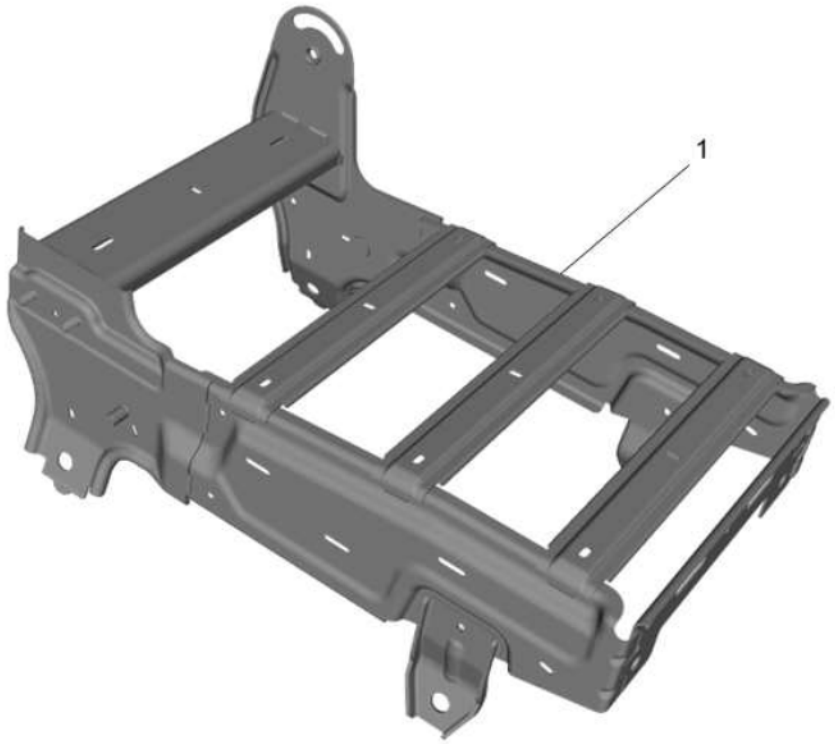


Fig. 26: Front Seat Cushion Center Frame (HP5)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. **Front Seat Cushion Center Pad Replacement (HP5)**	

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Callout	Component Name
2. Front Center Seat Back Cushion Latch Replacement (HP5) 3. Front Seat Center Armrest Hinge Finish Inner Cover Replacement	
1	Front Seat Cushion Center Frame

FRONT SEAT CUSHION CENTER PAD REPLACEMENT (AZ3)

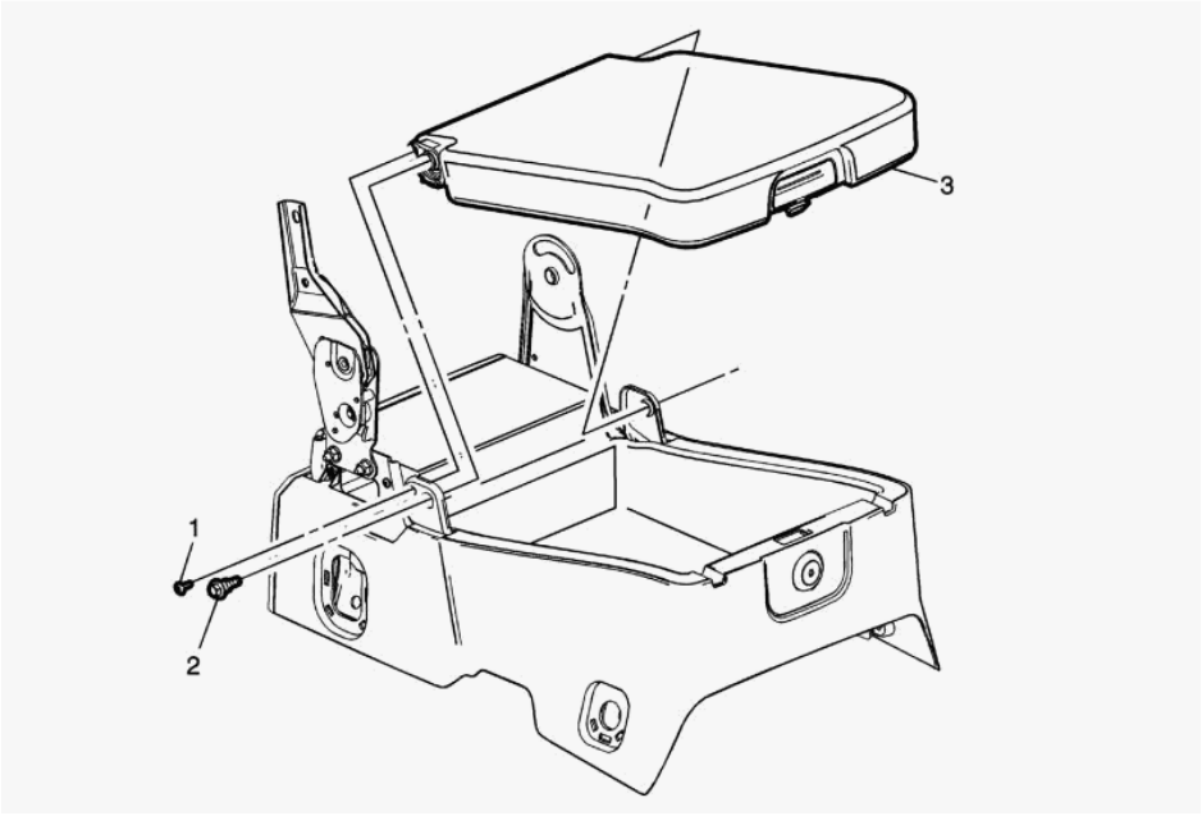


Fig. 27: Front Seat Cushion Center Pad (with AZ3)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the front seat center armrest hinge finish inner cover. Refer to Front Seat Center Armrest Hinge Finish Inner Cover Replacement.	
1	Front Seat Cushion Center Pad Screw **CAUTION:** **Refer to Fastener Caution .**

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Callout	Component Name
2	Front Seat Cushion Center Pad Bolt **CAUTION:** **Refer to** **Fastener Caution** . **Tighten** 9 N.m (80 lb in)
3	Front Seat Cushion Center Pad

FRONT SEAT CUSHION CENTER PAD REPLACEMENT (HP5)

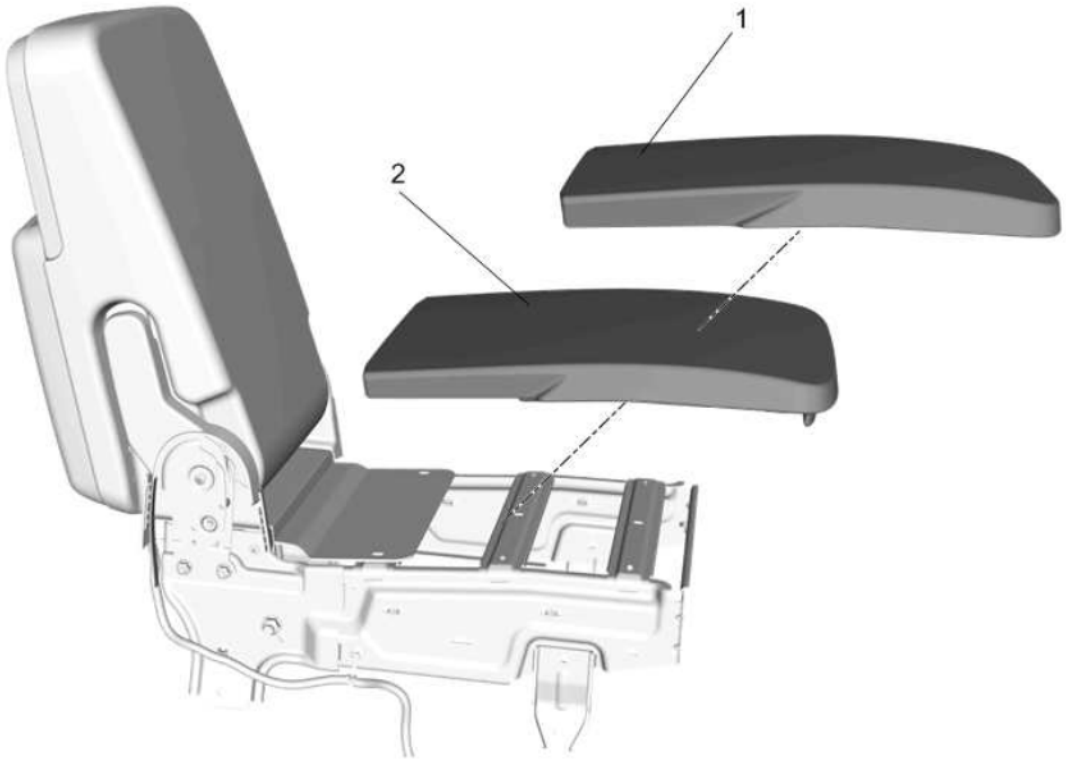


Fig. 28: Front Seat Cushion Center Pad (HP5)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure **Front Seat Cushion Center Cover Replacement (HP5)**	
1	Front Seat Cushion Center Cover **Procedure** Disengage the j-channel retainer.
2	Front Seat Cushion Center Pad

FRONT SEAT CUSHION CENTER STOWAGE COMPARTMENT LOCK CYLINDER CASE

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REPLACEMENT

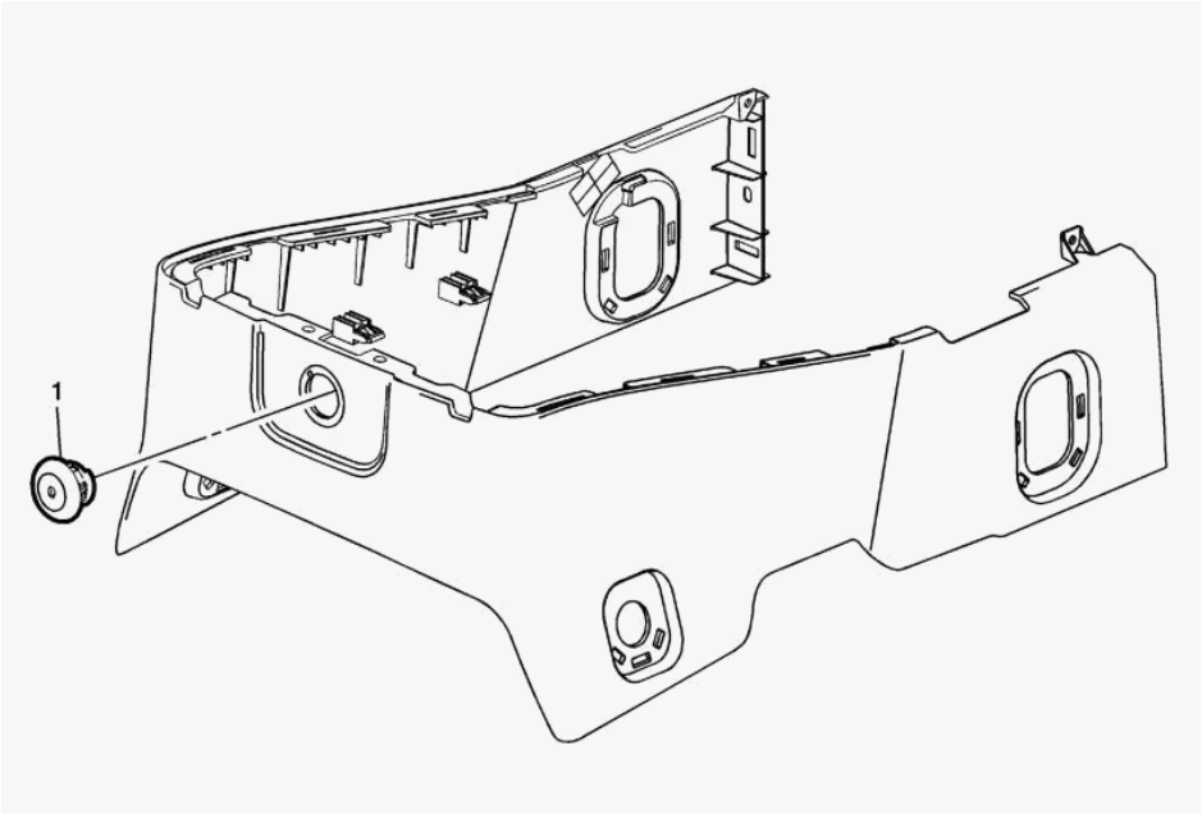


Fig. 29: Front Seat Cushion Center Stowage Compartment Lock Cylinder Case
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the front seat cushion center cover. Refer to **Front Seat Cushion Center Cover Replacement (AZ3)Front Seat Cushion Center Cover Replacement (HP5)**.	
1	Front Seat Cushion Center Stowage Compartment Lock Cylinder Case **Procedure** 1. Use a flat-bladed tool to release the lock clamp from the lock cylinder assembly. 2. Remove the lock cylinder by sliding it forward through the front seat cushion center cover.

FRONT SEAT CENTER ARMREST REPLACEMENT

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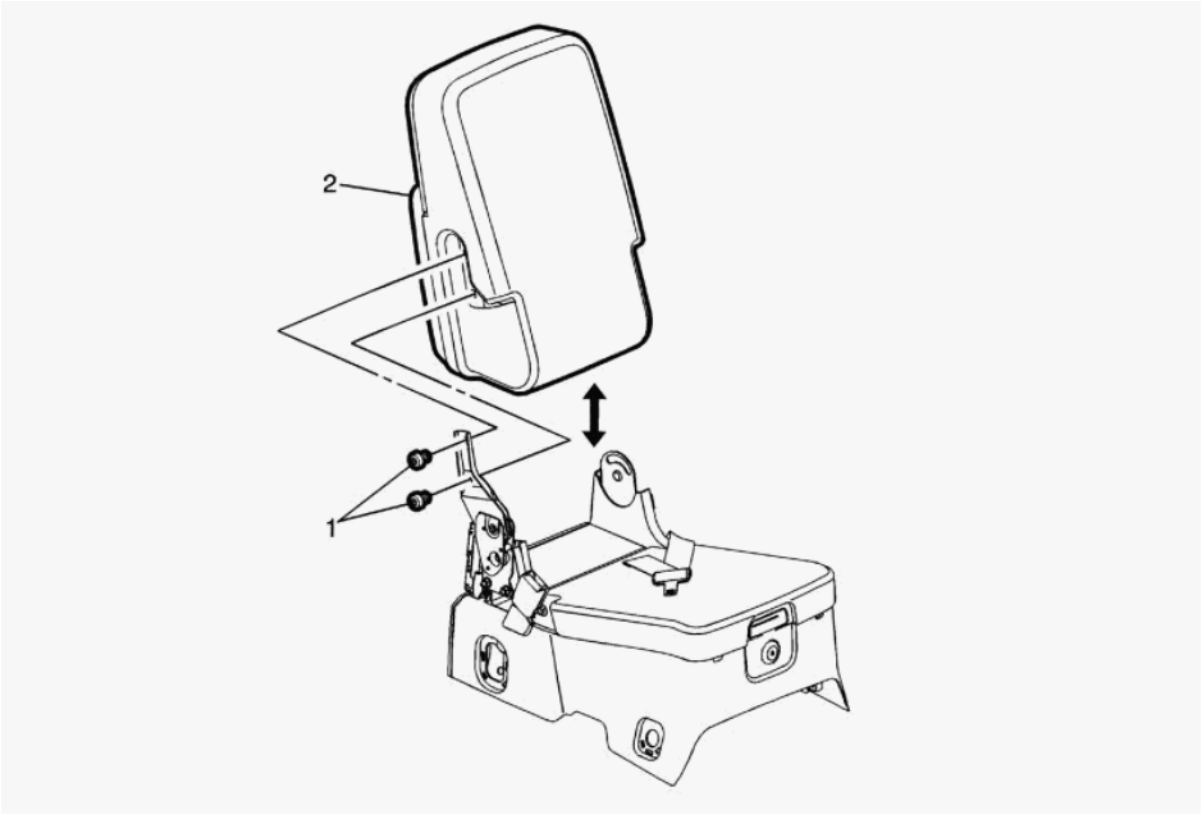


Fig. 30: Front Seat Center Armrest
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure 1. Remove the front center seat back cushion latch upper cover. Refer to **Front Center Seat Back Cushion Latch Upper Cover Replacement**. 2. Remove the front seat cushion rear frame center cover. Refer to **Front Seat Cushion Rear Frame Center Cover Replacement (AZ3)Front Seat Cushion Rear Frame Center Cover Replacement (HP5)**.	
1	Front Seat Center Armrest screw (Qty: 2) **CAUTION:** **Refer to Fastener Caution .** **Tighten** 9 N.m (80 lb in)
2	Front Seat Center Armrest

FRONT SEAT CENTER ARMREST HINGE FINISH COVER REPLACEMENT

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Fig. 31: Front Seat Center Armrest Hinge Finish Cover
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the front center seat. Refer to **Front Center Seat Removal and Installation (Except HP5)Front Center Seat Removal and Installation (HP5)**.	
1	Front Seat Center Armrest Hinge Finish Cover Cap **NOTE:** **Use a trim tool to aid in the removal of the push in cap.**
2	Front Seat Center Armrest Hinge Finish Cover Bolt **CAUTION:** **Refer to Fastener Caution .** **Tighten** 9 N.m (80 lb in)

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Callout	Component Name
3	Front Seat Center Armrest Hinge Finish Cover (Qty: 2) **Procedure** Use a flat bladed tool to release the plastic tabs attaching the finish cover to the inner finish cover.

FRONT SEAT CENTER ARMREST HINGE FINISH INNER COVER REPLACEMENT

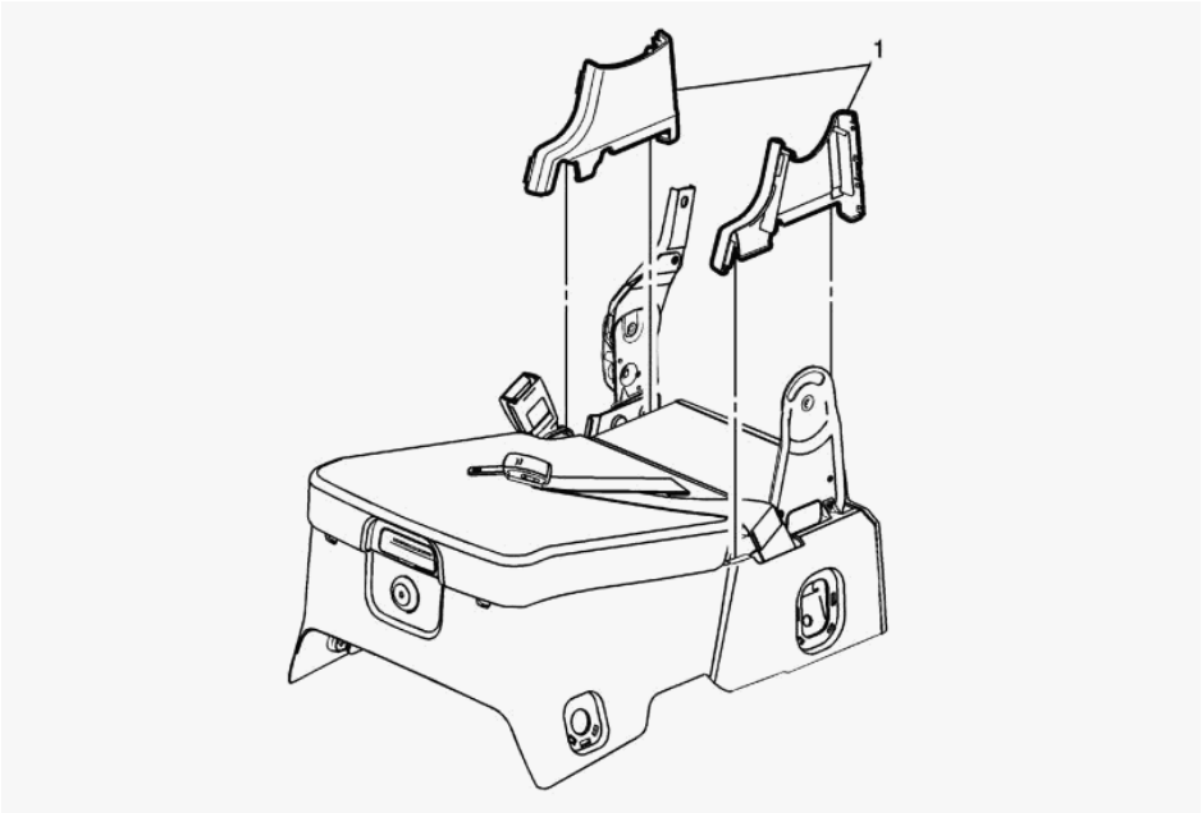


Fig. 32: Front Seat Center Armrest Hinge Finish Inner Cover
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the front seat center armrest. Refer to **Front Seat Center Armrest Replacement**.	
1	Front Seat Center Armrest Hinge Finish Inner Cover (Qty: 2) **Procedure** Use a flat bladed tool to release the plastic tabs attaching the inner finish cover to the outer finish cover.

FRONT SEAT CUSHION REAR FRAME CENTER COVER REPLACEMENT (AZ3)

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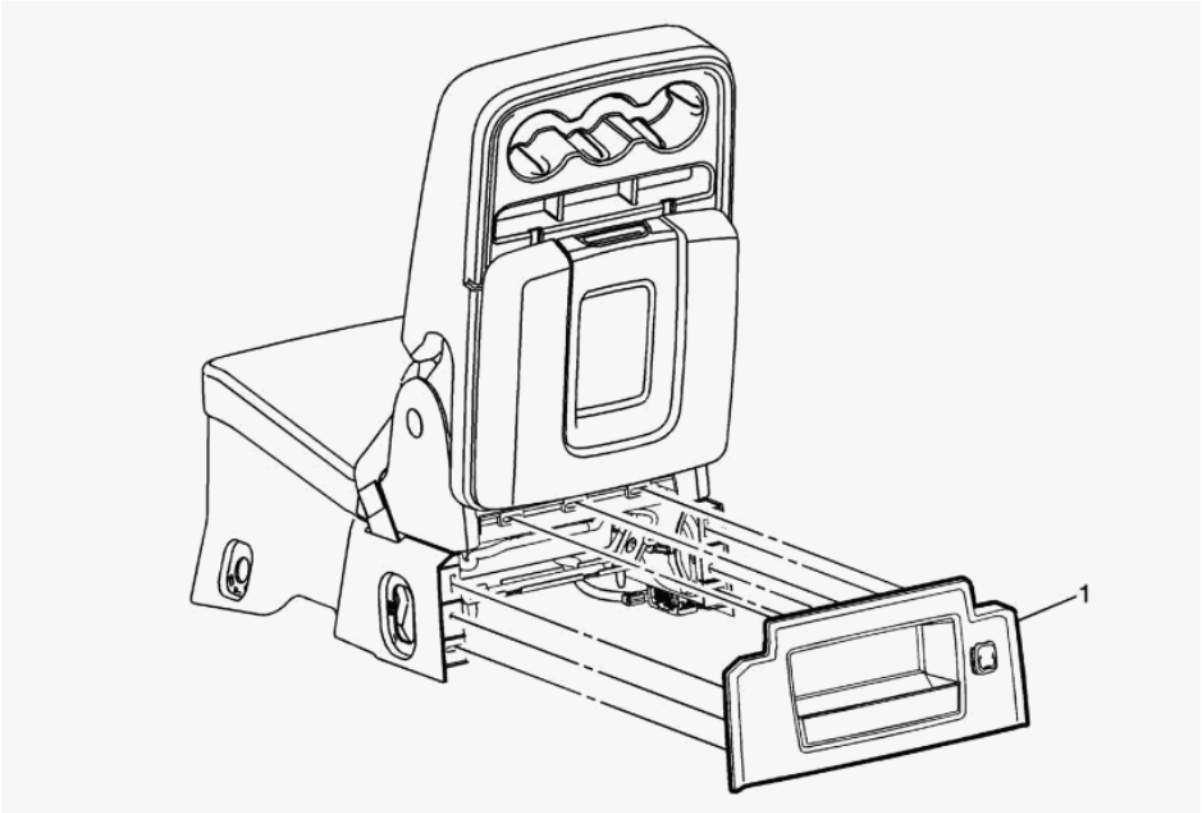


Fig. 33: Front Seat Cushion Rear Frame Center Cover (with AZ3)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Front Seat Cushion Rear Frame Center Cover **Procedure** 1. Disconnect the electrical connection. 2. Gently pull rearward on the top of the cover to disengage it from the storage bin. 3. Gently pull rearward on the sides of the cover to disengage the remaining retainers from the center cushion cover.

FRONT SEAT CUSHION REAR FRAME CENTER COVER REPLACEMENT (HP5)

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Fig. 34: Front Seat Cushion Rear Frame Center Cover (HP5)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Front Seat Cushion Rear Frame Center Cover **Procedure** 1. Pull rearward on the top of the cover to disengage the retainers. 2. Pull rearward on the sides of the cover to disengage the remaining retainers.

DRIVER OR PASSENGER SEAT CUSHION FRAME REPLACEMENT (EXCEPT PASSENGER SIDE WITH 6-WAY POWER)

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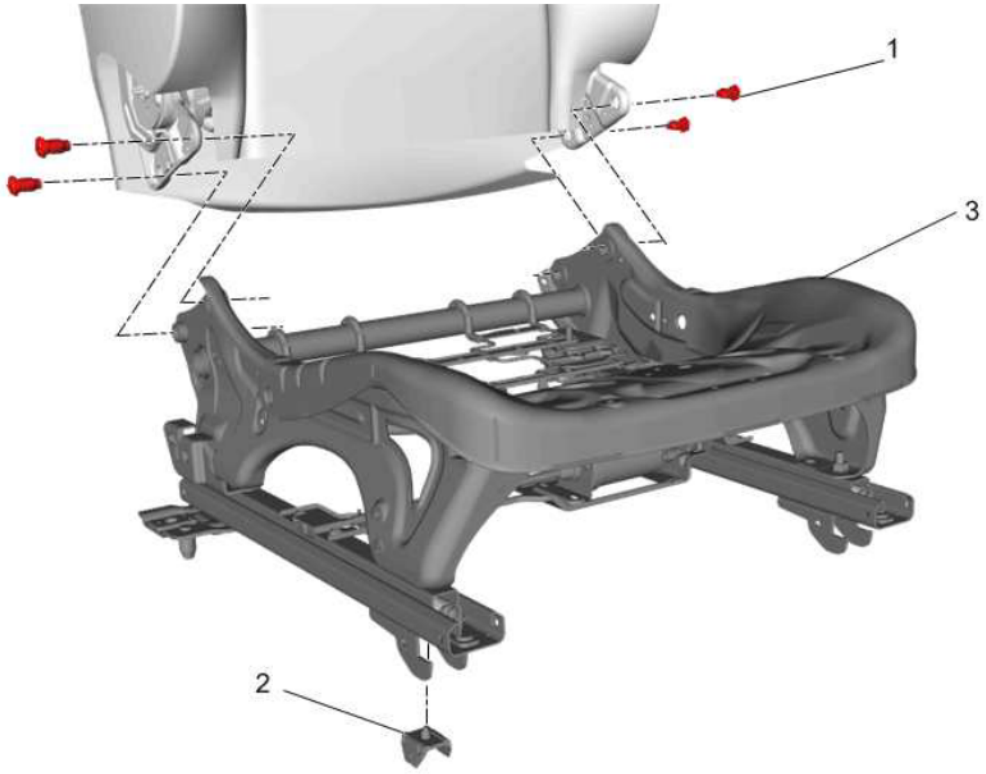


Fig. 35: Driver or Passenger Seat Cushion Frame (Except Passenger Side with 6-way Power)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure **Front Seat Cushion Cover and Pad Replacement**	
1	Driver or Passenger Seat Back Frame Fastener[4x] **CAUTION:** **Refer to** **Fastener Caution** . **Procedure** 1. Remove the front seat recliner control bracket. 2. Clean the thread locking compound from the bolts and reapply new thread locker. The bolts are held in by Blue 242Â® medium strength loctite. **Tighten** 50 N.m (37 lb ft)
2	Front Seat Adjuster Front Spacer **NOTE:**

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Callout	Component Name
	Installed on the outboard side only.
3	Driver or Passenger Seat Cushion Frame **Procedure** 1. Disconnect the electrical connector. 2. Transfer components as necessary.

DRIVER OR PASSENGER SEAT CUSHION FRAME REPLACEMENT (PASSENGER SIDE WITH 6-WAY POWER)

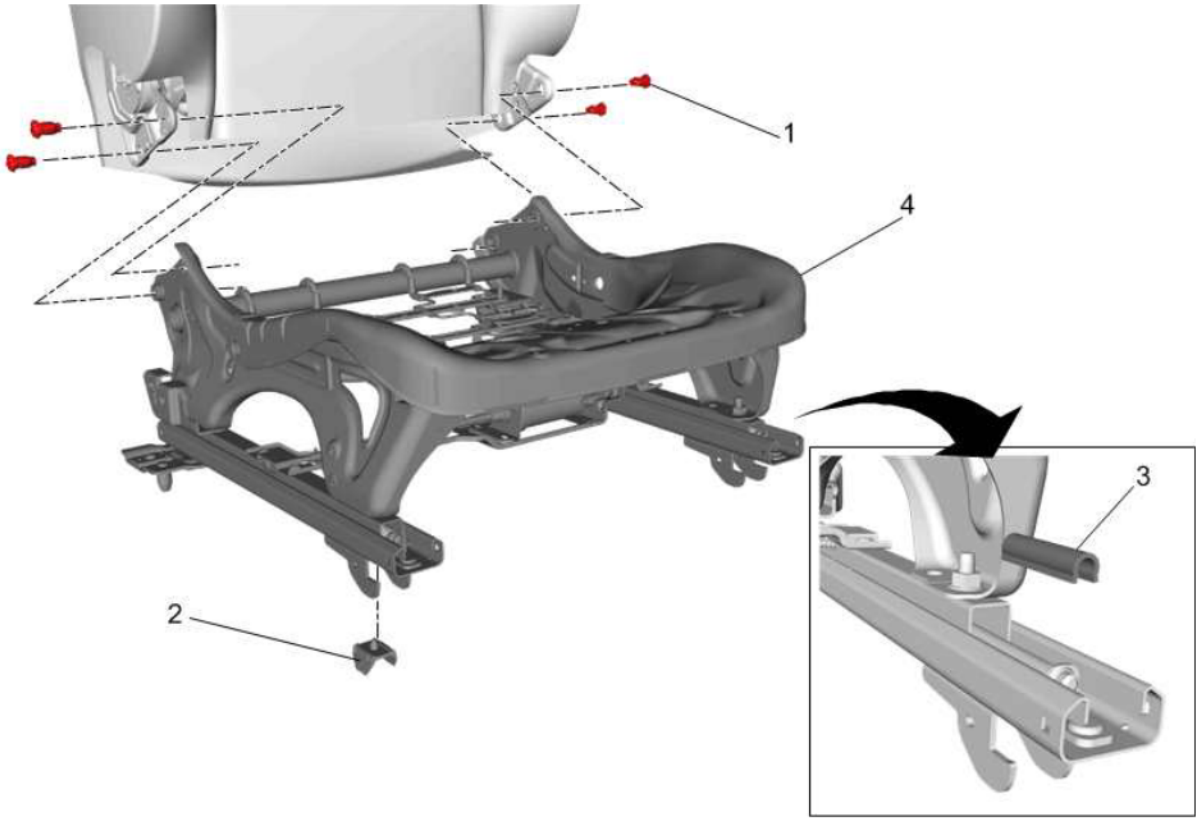


Fig. 36: Driver or Passenger Seat Cushion Frame (Passenger Side with 6-way Power)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Front Seat Cushion Cover and Pad Replacement	
1	Driver or Passenger Seat Back Frame Fastener[4x] **CAUTION:** **Refer to** **Fastener Caution** .

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Callout	Component Name
	Procedure 1. Remove the front seat recliner control bracket. 2. Clean the thread locking compound from the bolts and reapply new thread locker. The bolts are held in by Blue 242Â® medium strength loctite. **Tighten** 50 N.m (37 lb ft)
2	Front Seat Adjuster Front Spacer **NOTE:** **Installed on the outboard side only.**
3	Front Seat Adjuster Stop [2x] **NOTE:** **When replacing the seat cushion frame, ensure the front seat adjuster stops are installed. The frame may need to be adjusted to access the stops.**
4	Driver or Passenger Seat Cushion Frame **Procedure** 1. Disconnect the electrical connector. 2. Transfer components as necessary.

FRONT SEAT CUSHION PAD SUPPORT WIRE SPRING REPLACEMENT

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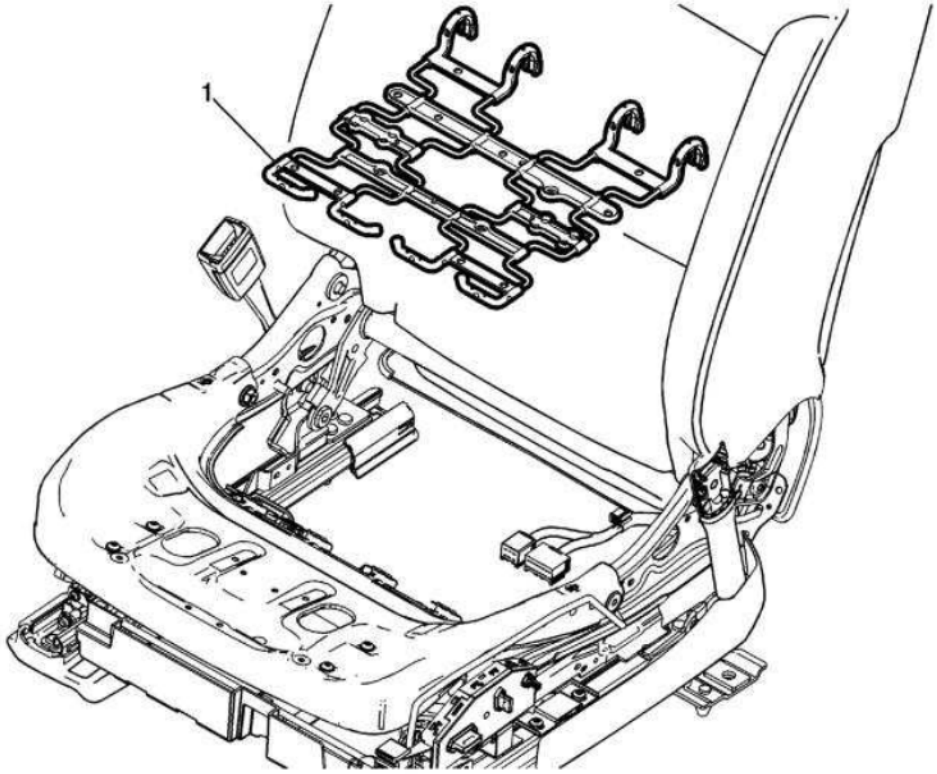


Fig. 37: Front Seat Cushion Pad Support Wire Spring
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
WARNING: Refer to SIR Warning **Preliminary Procedure** 1. Remove the driver or passenger seat. Refer to Driver or Passenger Seat Removal and Installation 2. Remove the front seat cushion cover and pad. Refer to Front Seat Cushion Cover and Pad Replacement 3. Program the inflatable restraint passenger presence system after replacement. Refer to Control Module References .	
1	Front Seat Cushion Pad Support Wire Spring **Procedure** 1. Disconnect electrical connectors. 2. Transfer components as necessary.

FRONT SEAT CUSHION OUTER FINISH COVER REPLACEMENT (8 WAY POWER)

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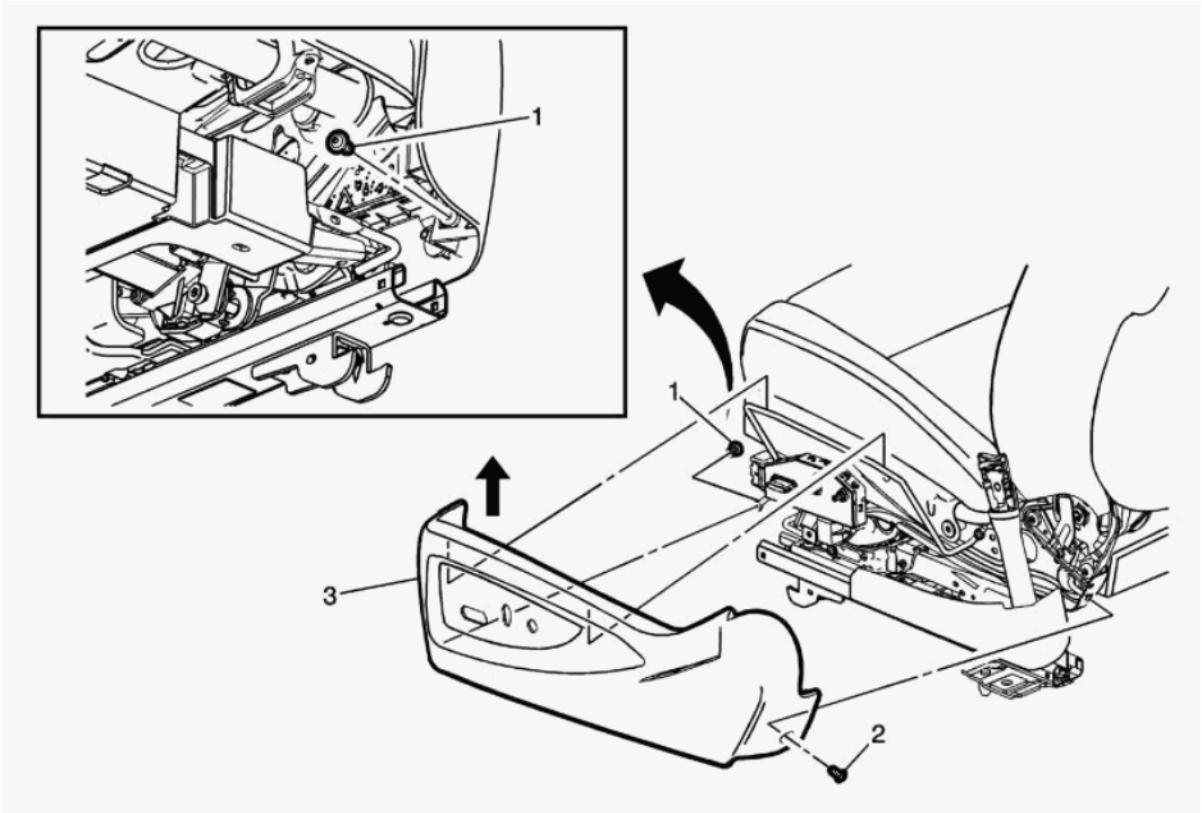


Fig. 38: Front Seat Cushion Outer Finish Cover (8-Way Power)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure 1. Remove the seat belt from the front seat belt anchor plate tensioner. Refer to **Front Seat Belt Anchor Plate Tensioner Replacement**	
1	Front Seat Cushion Outer Finish Cover Front Fastener **CAUTION:** **Refer to Fastener Caution .**
2	Front Seat Cushion Outer Finish Cover Rear Fastener **CAUTION:** **Refer to Fastener Caution .**
3	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.

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

FRONT SEAT CUSHION OUTER FINISH COVER REPLACEMENT (2 WAY MANUAL)

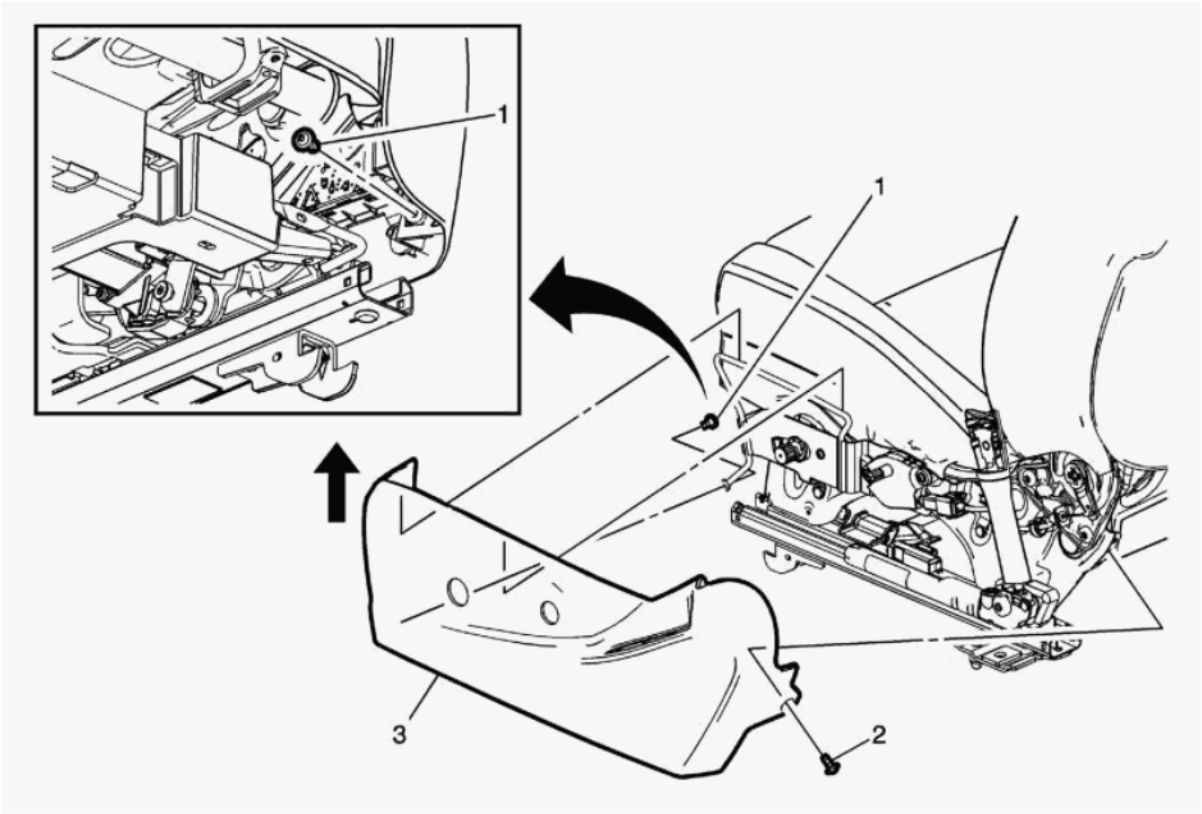


Fig. 39: Front Seat Cushion Outer Finish Cover (2-Way Manual)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure 1. Remove the seat belt from the pretensioner. 2. Remove the front seat back recliner handle. Refer to **Front Seat Back Recliner Handle Replacement (2 Way Manual)**. 3. Remove the driver seat lumbar support actuator lever, if equipped. Refer to **Driver Seat Lumbar Support Actuator Lever Replacement (2 Way Manual)**.	
1	Front Seat Cushion Outer Finish Cover Front Fastener **CAUTION:** **Refer to Fastener Caution .**

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Callout	Component Name
2	Front Seat Cushion Outer Finish Cover Rear Fastener **CAUTION:** **Refer to** **Fastener Caution** .
3	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 cover by pulling upward near the retainer clip locations. 3. Disconnect the electrical connectors. 4. If replacing the finish cover, transfer components as necessary.

FRONT SEAT CUSHION COVER AND PAD REPLACEMENT

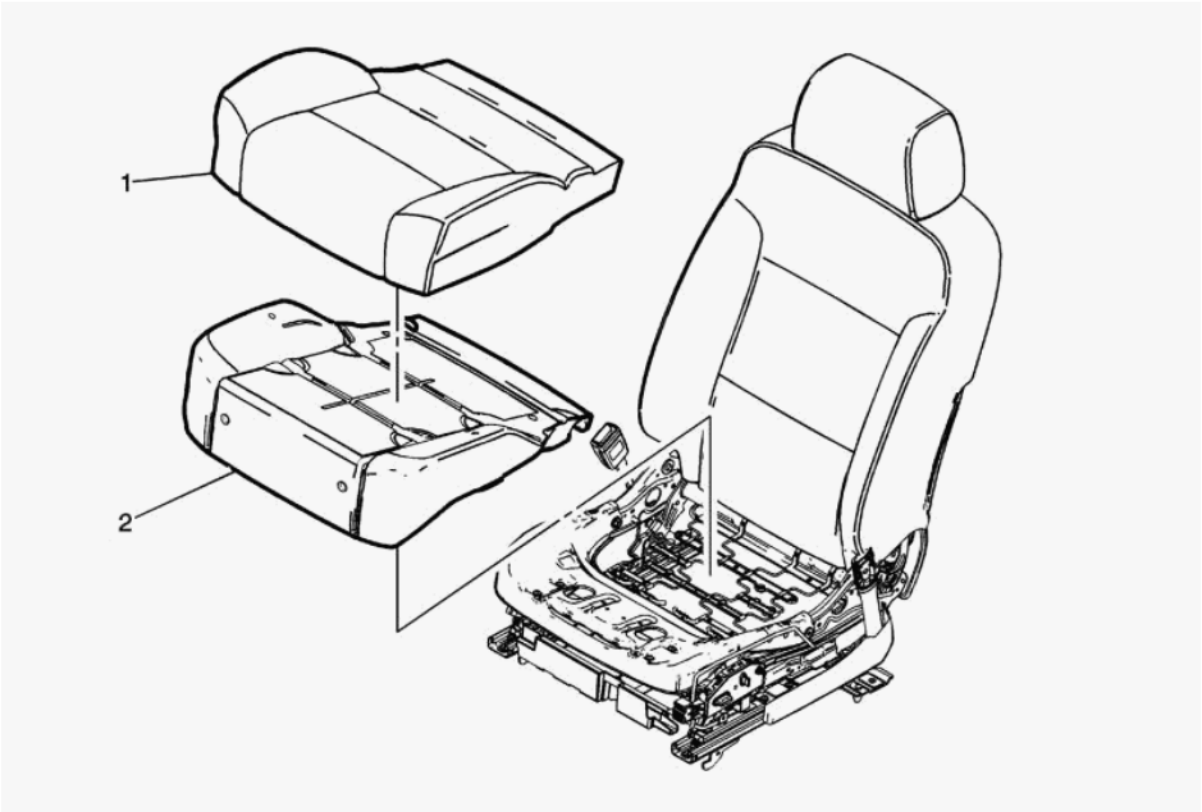


Fig. 40: Front Seat Cushion Cover and Pad
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
WARNING:	

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Callout	Component Name
Refer to SIR Warning . **Preliminary Procedures** 1. Disable the SIR system. Refer to **SIR Disabling and Enabling** . 2. Remove the driver or passenger seat. Refer to **Driver or Passenger Seat Removal and Installation**. 3. Remove the driver or passenger seat inner recliner finish cover. Refer to **Driver or Passenger Seat Inner Recliner Finish Cover Replacement**. 4. Remove the front seat cushion outer finish cover. Refer to **Front Seat Cushion Outer Finish Cover Replacement (8 Way Power)Front Seat Cushion Outer Finish Cover Replacement (2 Way Manual)**. 5. 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. Remove the front seat cushion cover retainer fasteners and retainer. 2. Disengage the J-channel retainers from the seat cushion frame. 3. Disconnect the blower ventilation duct and electrical connectors, if equipped. 4. If the seat is equipped with lane departure warning actuators, release the electrical harness and disconnect the electrical connector. 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 releasing the hook and loop retainers, U-channels and pulling the cover away from the pad. 2. Transfer part as necessary.

DRIVER OR PASSENGER SEAT BACK COVER AND PAD REPLACEMENT

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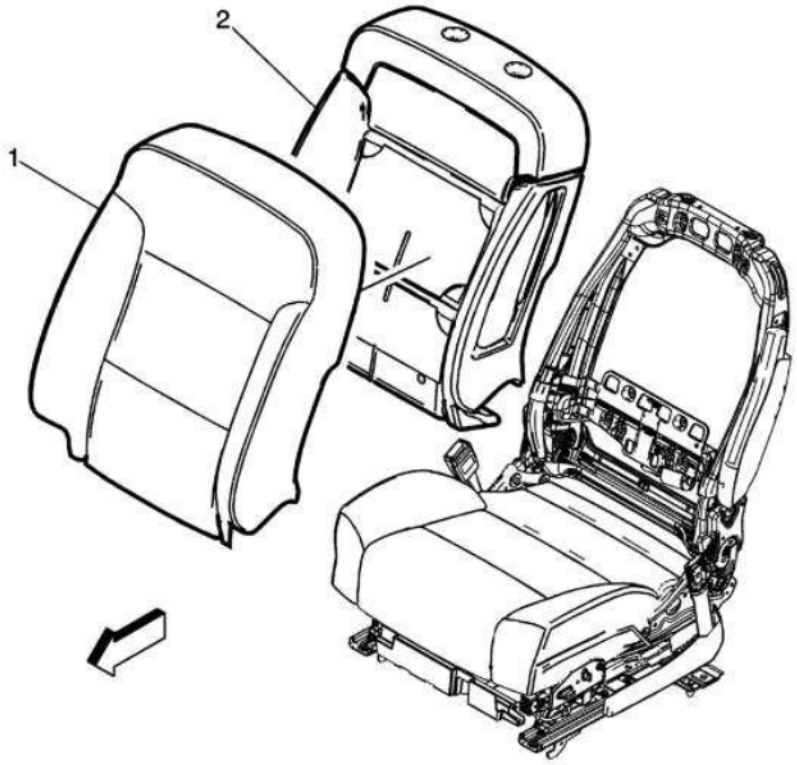


Fig. 41: Driver or Passenger Seat Back Cover and Pad
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
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	

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Callout	Component Name
improper airbag deployment which could result in personal injury. **Preliminary Procedures** 1. **Driver or Passenger Seat Inner Recliner Finish Cover Replacement** 2. **Front Seat Cushion Outer Finish Cover Replacement (8 Way Power)Front Seat Cushion Outer Finish Cover Replacement (2 Way Manual)** 3. **Driver or Passenger Seat Head Restraint Guide Replacement**	
1	Driver or Passenger Seat Back Cushion Cover **Procedure** 1. Unzip both zippers. 2. Disengage the j-channel retainers from the seat back cushion frame. 3. Loosen the seat back cushion cover and pad to remove the seat back cushion cover hog ring collar. 4. Disconnect the blower from the seat back cushion pad, if equipped. 5. Remove the air duct, if equipped. 6. Disconnect the electrical connectors that attach to the seat back cushion, if equipped. 7. Remove the connector position assurance (CPA) from the airbag module, if equipped. 8. 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** Pull the cover away from the pad to disengage the retainers, if equipped.

DRIVER OR PASSENGER SEAT BACK CUSHION FRAME REPLACEMENT

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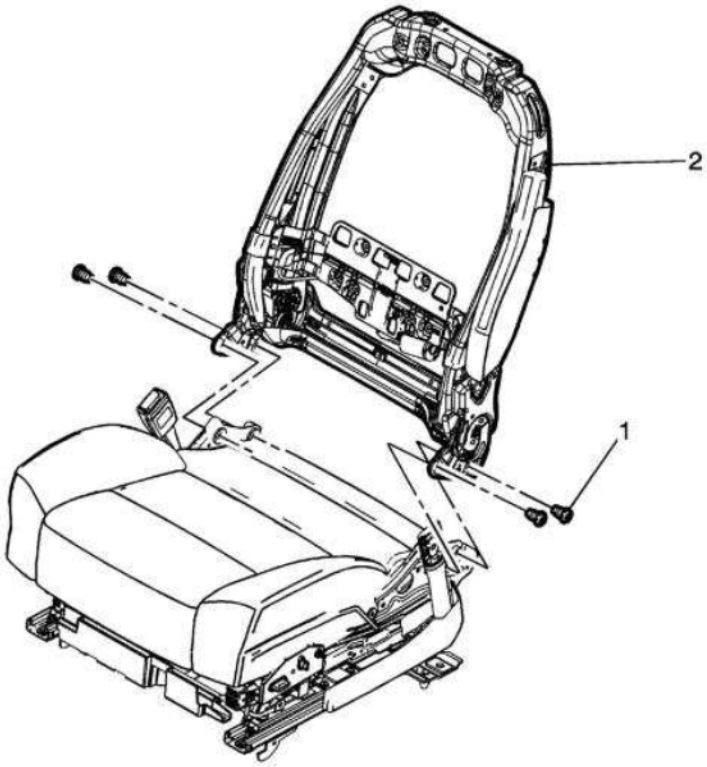


Fig. 42: Driver or Passenger Seat Back Cushion Frame
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
WARNING: Refer to SIR Warning . **WARNING:** Do not repair or replace the seat stitching or seams in the seat back trim cover with an internal mounted seat side airbag module. Replace the complete seat back trim cover from the	

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Callout	Component Name
OEM. Non-OEM seat stitching may cause improper airbag deployment which could result in personal injury. **Preliminary Procedures** 1. Disable the SIR system. Refer to **SIR Disabling and Enabling** . 2. Remove the driver or passenger seat. Refer to **Driver or Passenger Seat Removal and Installation**. 3. Remove the driver or passenger seat back cushion cover and pad. Refer to **Driver or Passenger Seat Back Cover and Pad Replacement**.	
1	Driver or Passenger Seat Back Cushion Frame Bolt (Qty: 4) **CAUTION:** **Refer to Fastener Caution** . **Procedure** Remove the front seat recliner control bracket to gain access to the seat cushion frame bolt. **Tighten** 50 N.m (37 lb ft)
2	Driver or Passenger Seat Back Cushion Frame **Procedure** 1. Disconnect electrical connectors as needed. 2. Remove the front seat outboard seat back airbag. Refer to **Front Seat Outboard Seat Back Airbag Replacement** 3. Transfer components as necessary.

FRONT SEAT RECLINER KNOB REPLACEMENT (8 WAY POWER)

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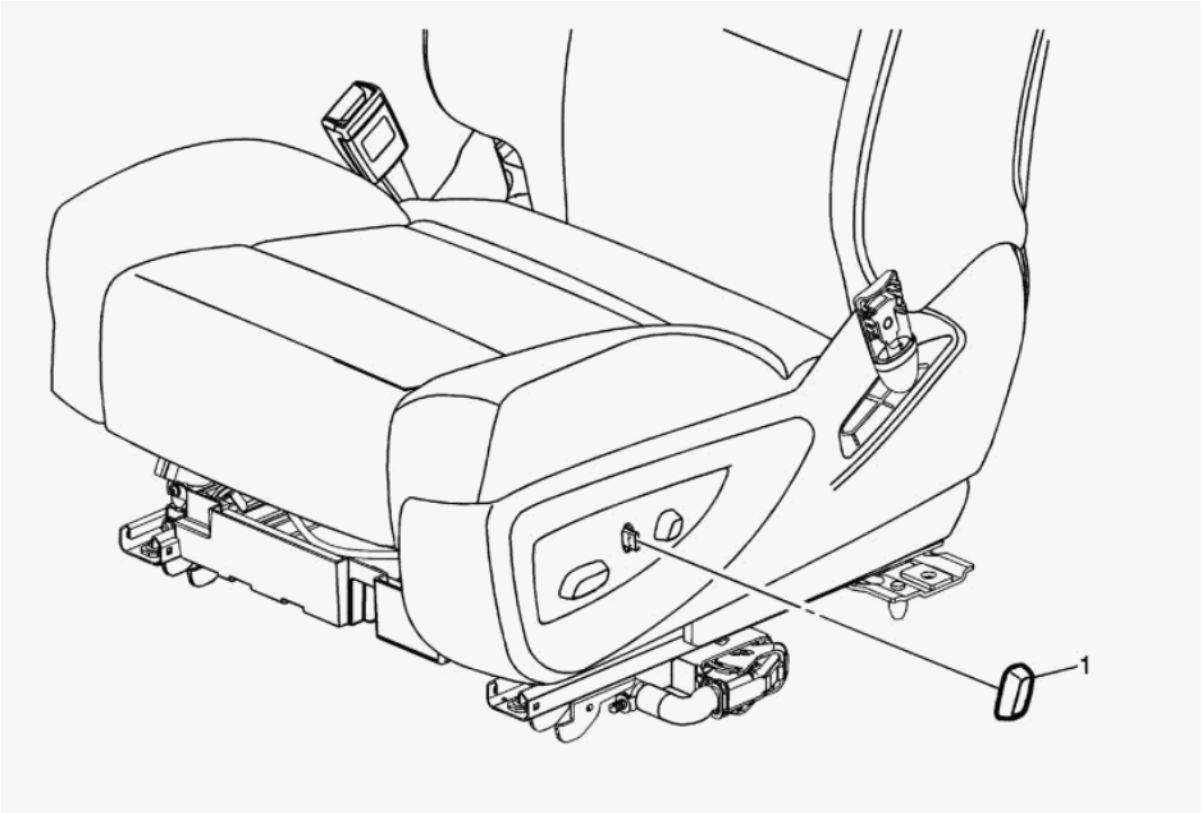


Fig. 43: Front Seat Recliner Knob (8 Way Power)
Courtesy of GENERAL MOTORS COMPANY

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 REPLACEMENT (2 WAY MANUAL)

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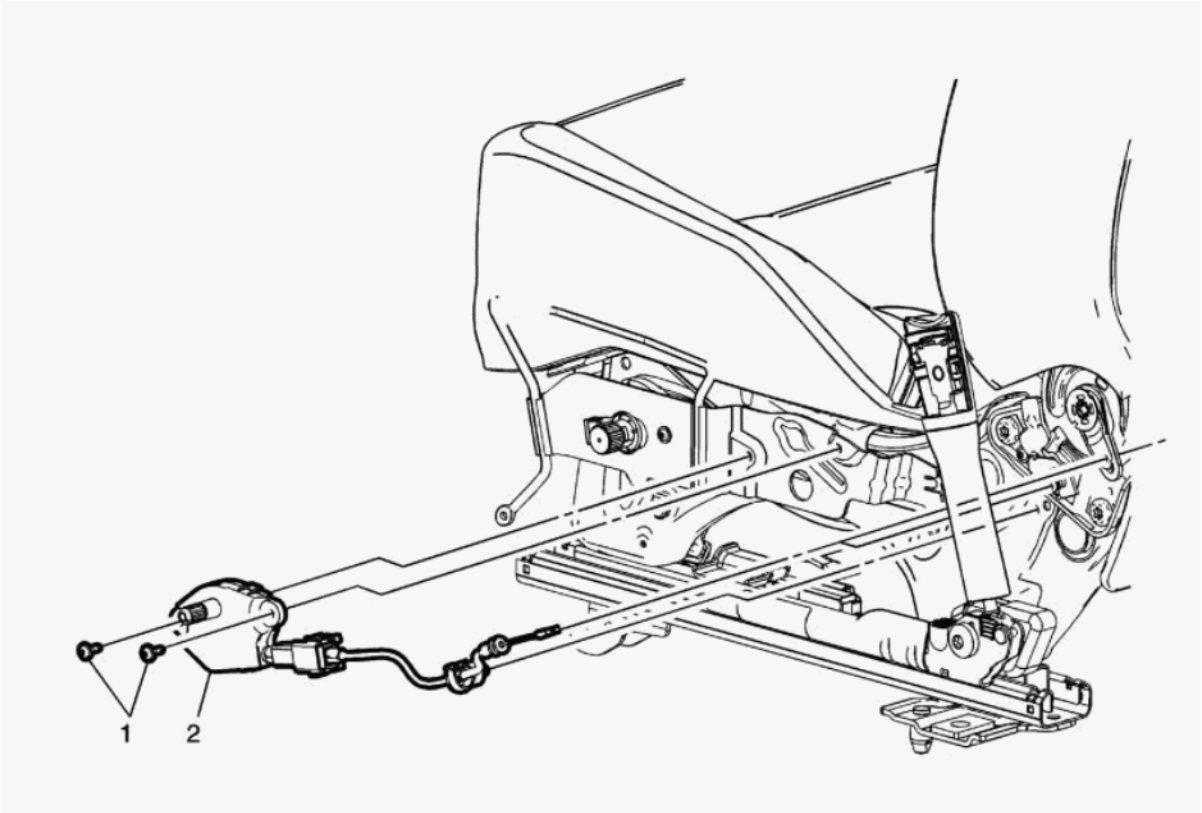


Fig. 44: Front Seat Recliner Control (2 Way Manual)
Courtesy of GENERAL MOTORS COMPANY

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

FRONT SEAT BACK RECLINER HANDLE REPLACEMENT (2 WAY MANUAL)

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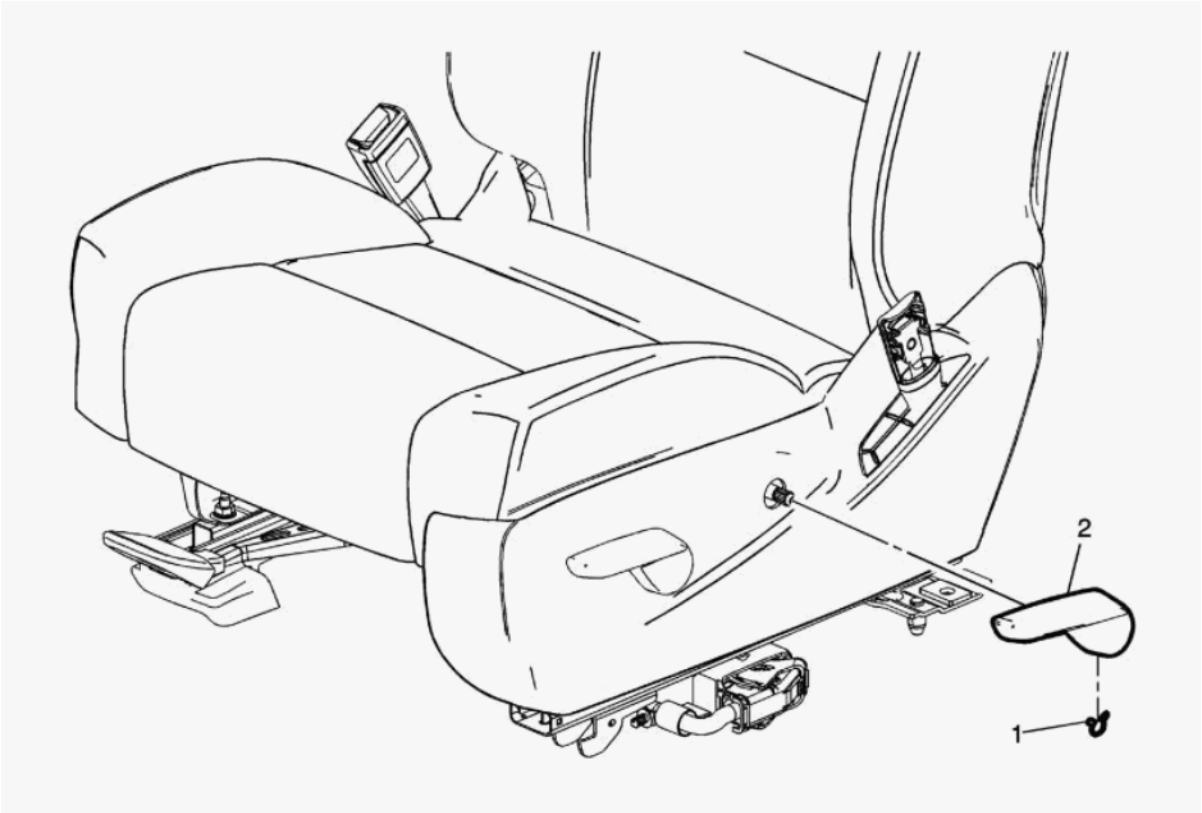


Fig. 45: Front Seat Back Recliner Handle (2 Way Manual)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Front Seat Back Recliner Handle Clamp **Procedure** Use a flat-bladed tool to release the recliner handle clamp from the handle assembly.
2	Front Seat Back Recliner Handle **Procedure** Use a flat-bladed tool to release the handle from the cushion outer finish panel.

FRONT CENTER SEAT BACK CUSHION LATCH UPPER COVER REPLACEMENT

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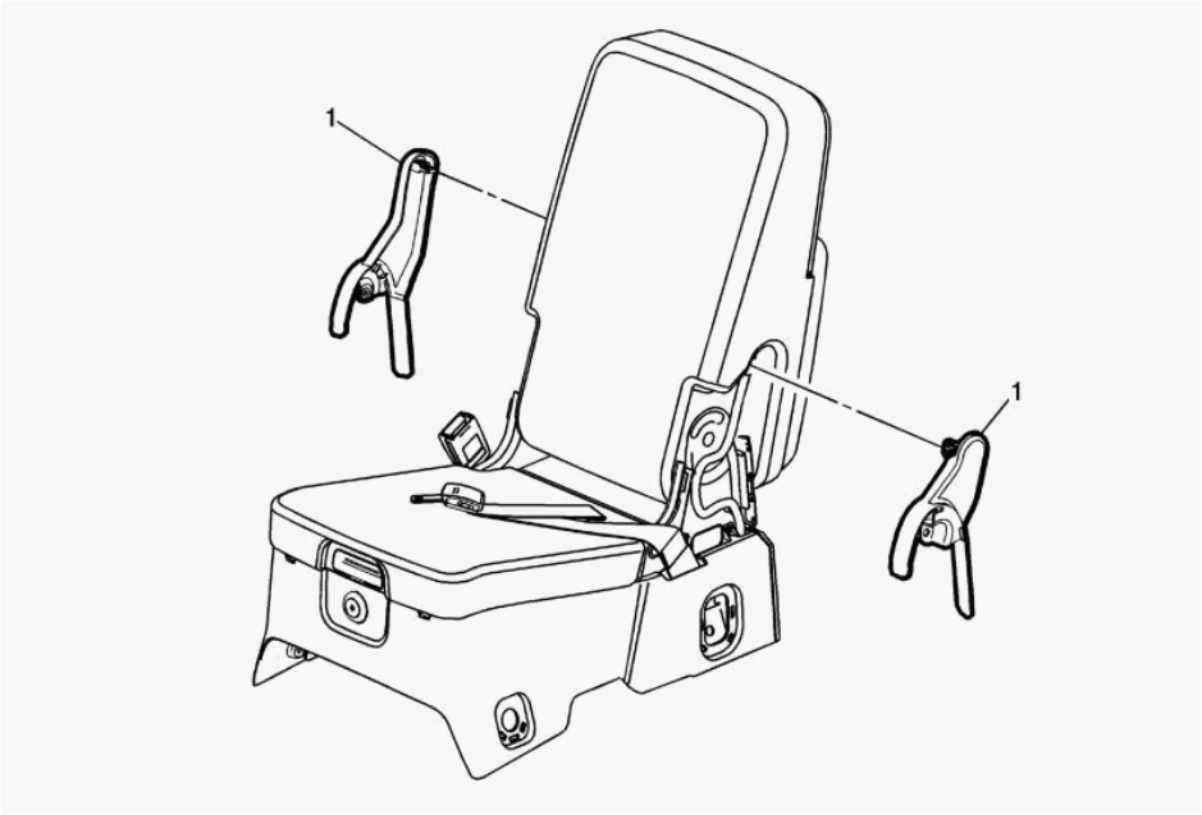


Fig. 46: Front Center Seat Back Cushion Latch Upper Cover
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the front seat center armrest hinge finish cover. Refer to **Front Seat Center Armrest Hinge Finish Cover Replacement**.	
1	Front Center Seat Back Cushion Latch Cover (Qty: 2) **Procedure** Firmly grasp the latch cover, pulling it outward to disengage the top of the cover from the armrest frame.

FRONT CENTER SEAT BACK CUSHION LATCH REPLACEMENT (EXCEPT HP5)

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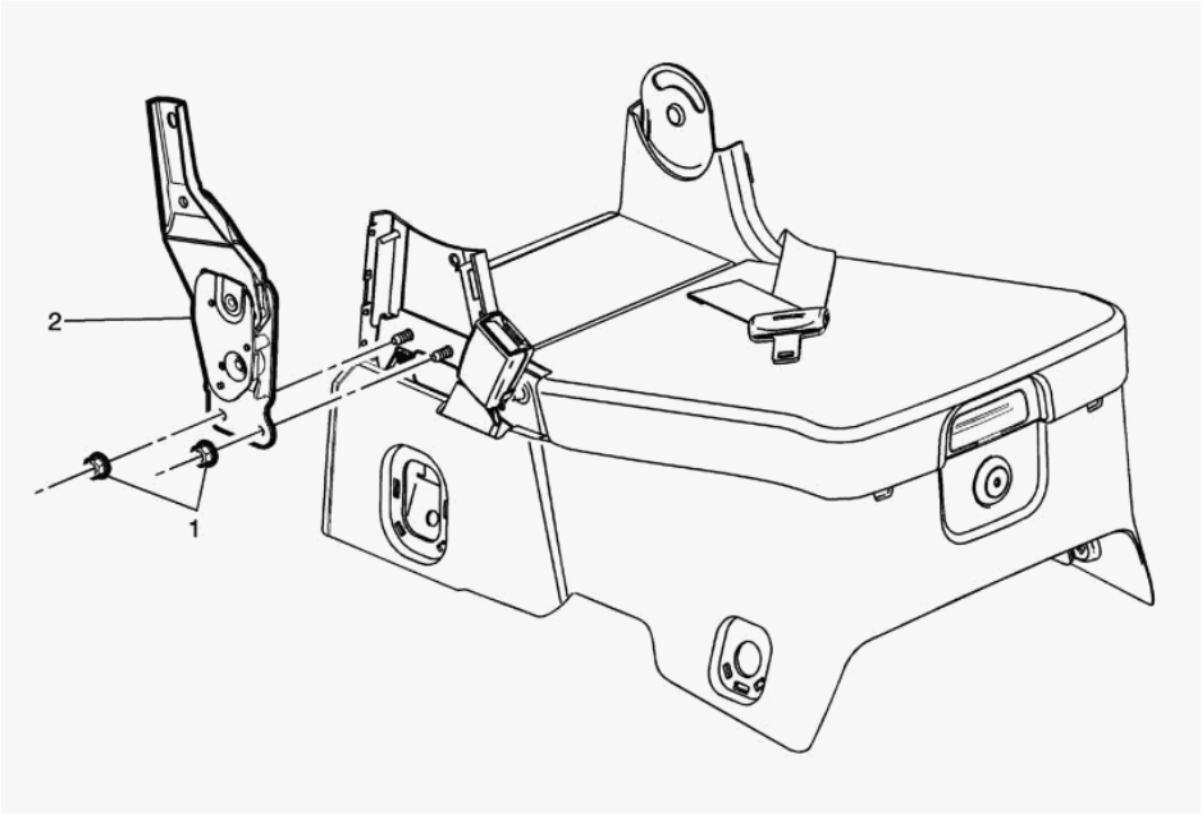


Fig. 47: Front Center Seat Back Cushion Latch (Except HP5)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the front seat center armrest. Refer to **Front Seat Center Armrest Replacement**.	
1	Front Center Seat Back Cushion Latch Nut (Qty: 2) **CAUTION:** **Refer to Fastener Caution .** **Tighten** 9 N.m (80 lb in)
2	Front Center Seat Back Cushion Latch

FRONT CENTER SEAT BACK CUSHION LATCH REPLACEMENT (HP5)

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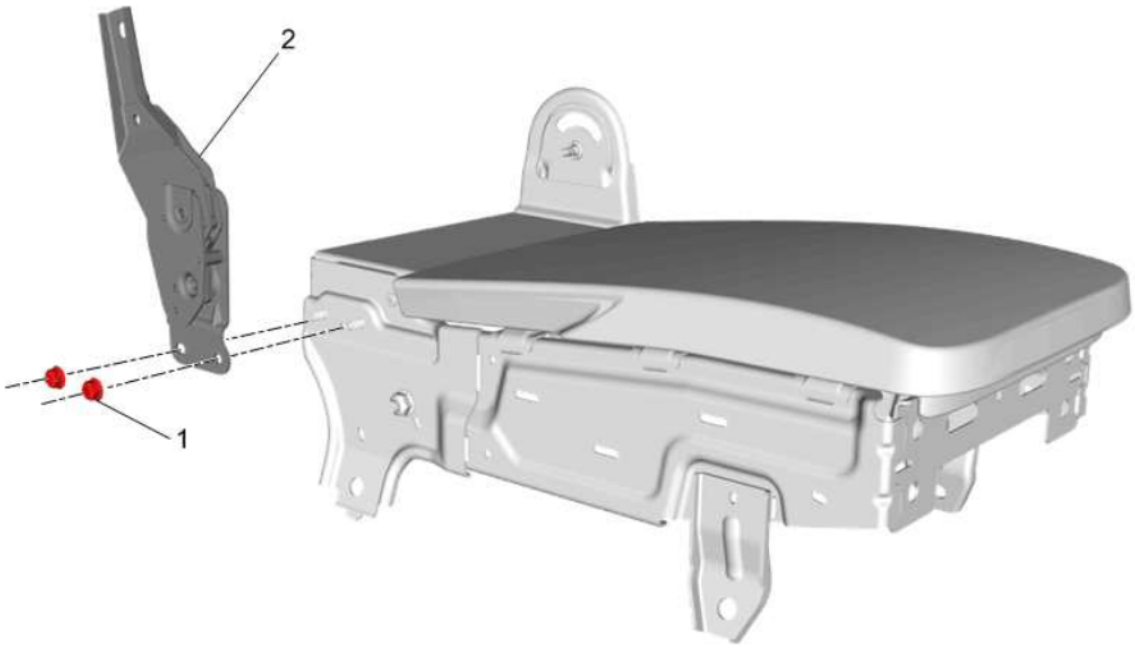


Fig. 48: Front Center Seat Back Cushion Latch (HP5)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. **Front Seat Center Armrest Replacement** 2. **Front Seat Cushion Center Cover Replacement (HP5)**	
1	Front Center Seat Back Cushion Latch Nut **CAUTION:** **Refer to Fastener Caution .** **Tighten** 9 N.m (80 lb in)
2	Front Center Seat Back Cushion Latch

DRIVER OR PASSENGER SEAT LUMBAR SUPPORT REPLACEMENT (2 WAY MANUAL)

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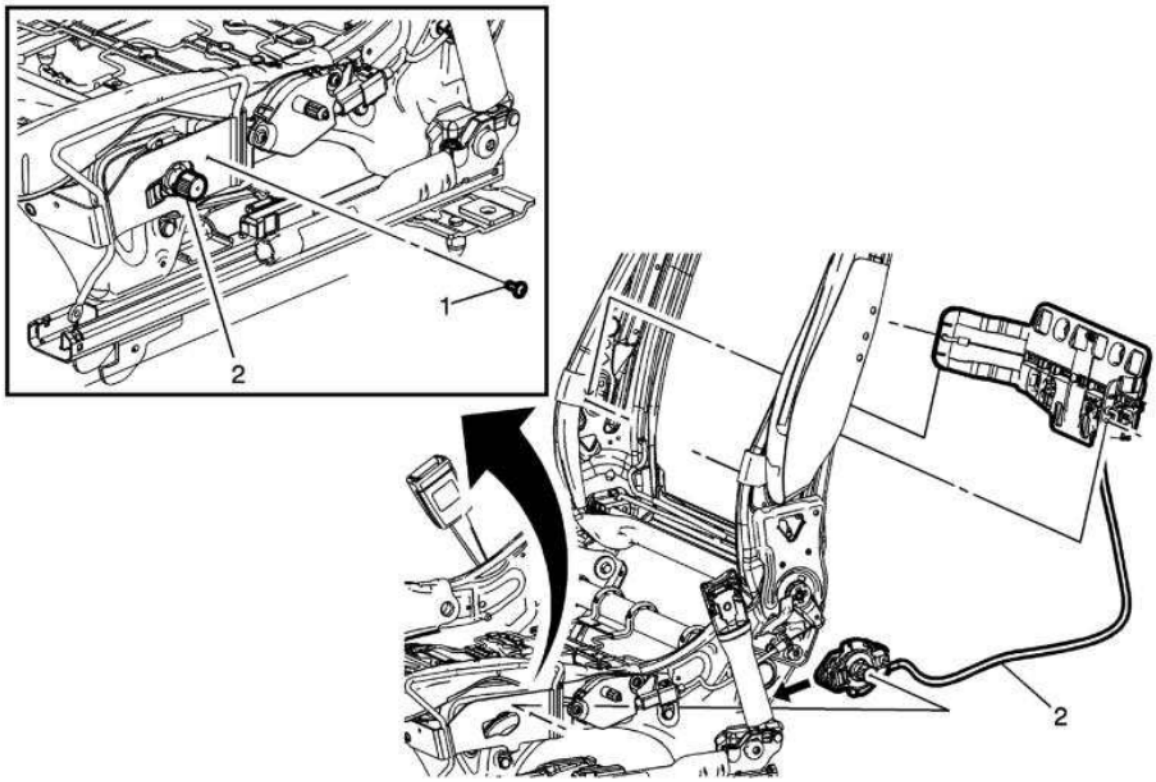


Fig. 49: Driver or Passenger Seat Lumbar Support (2 Way Manual)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure 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 Lumbar Support Screw **CAUTION:** **Refer to Fastener Caution .**
2	Driver or Passenger Seat Lumbar Support **Procedure** 1. Note the routing of the lumbar cable for installation. 2. Disengage the lumbar actuator lever clip from the seat cushion frame. 3. Push inward on both side of the lumbar support to disengage the locator tabs. 4. Pull the lumbar support up and rearward until the lumbar support disengages from the seat back frame.

DRIVER OR PASSENGER SEAT LUMBAR SUPPORT ACTUATOR KNOB REPLACEMENT (8 WAY POWER)

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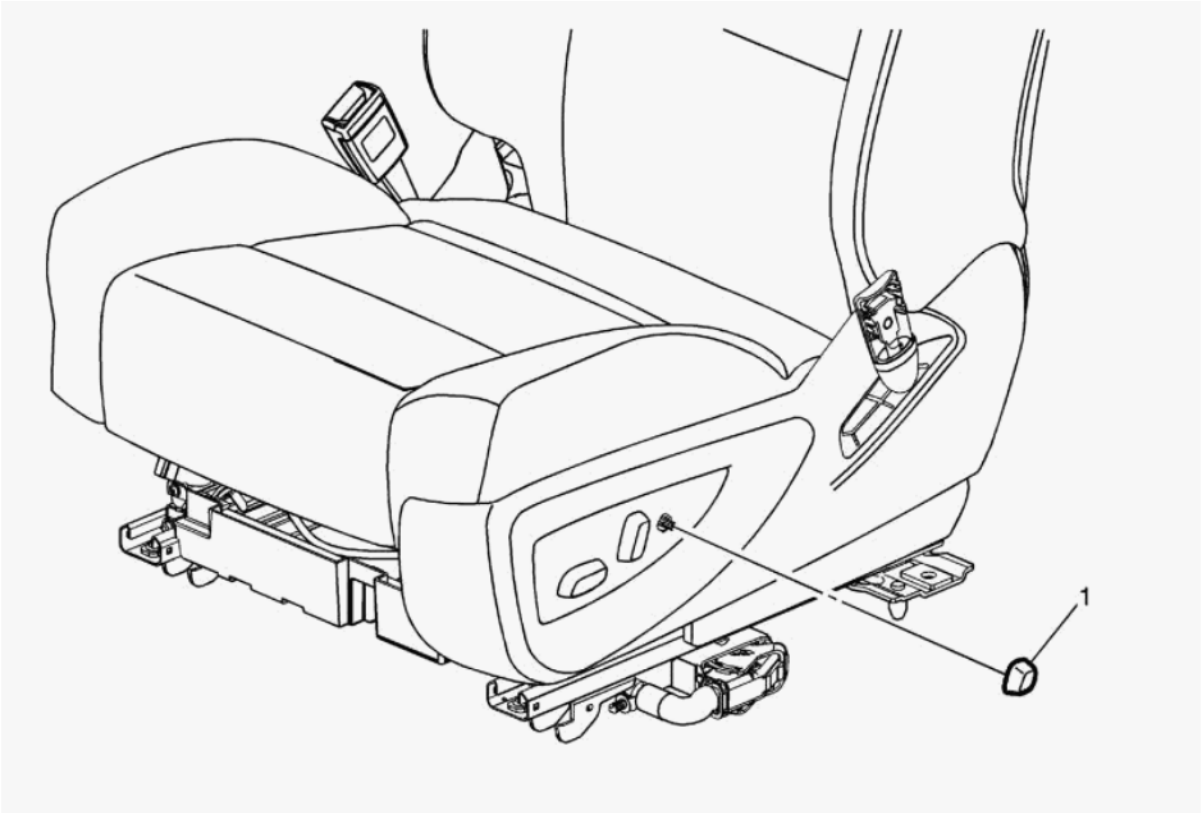


Fig. 50: Driver or Passenger Seat Lumbar Support Actuator Knob (8 Way Power)
Courtesy of GENERAL MOTORS COMPANY

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

DRIVER SEAT LUMBAR SUPPORT ACTUATOR LEVER REPLACEMENT (2 WAY MANUAL)

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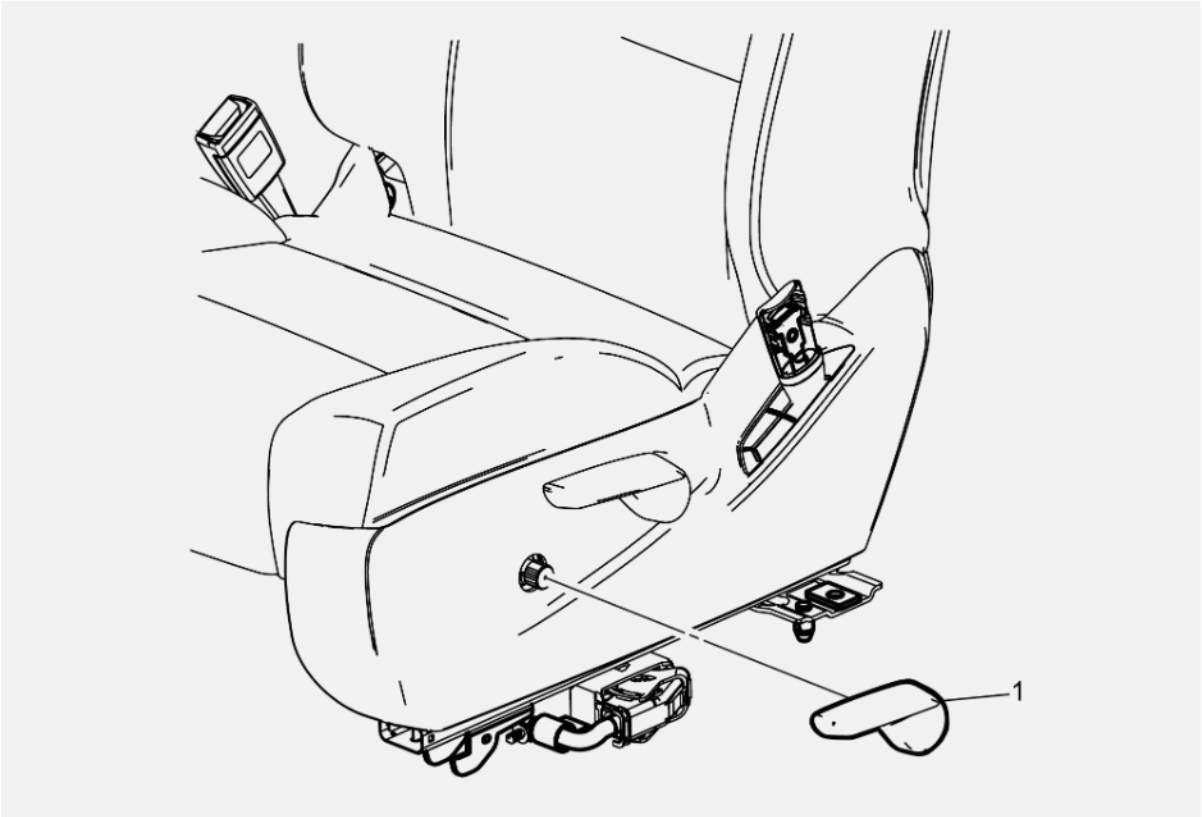


Fig. 51: Driver Seat Lumbar Support Actuator Lever (2 Way Manual)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Driver Seat Lumbar Support Actuator Lever **CAUTION:** **Do not twist the cover during removal. Twisting the cover may cause the component to break.** **Procedure** Use a flat-bladed tool to remove the driver seat lumbar support actuator lever.

REAR SEAT SEPARATION (WITH A68)

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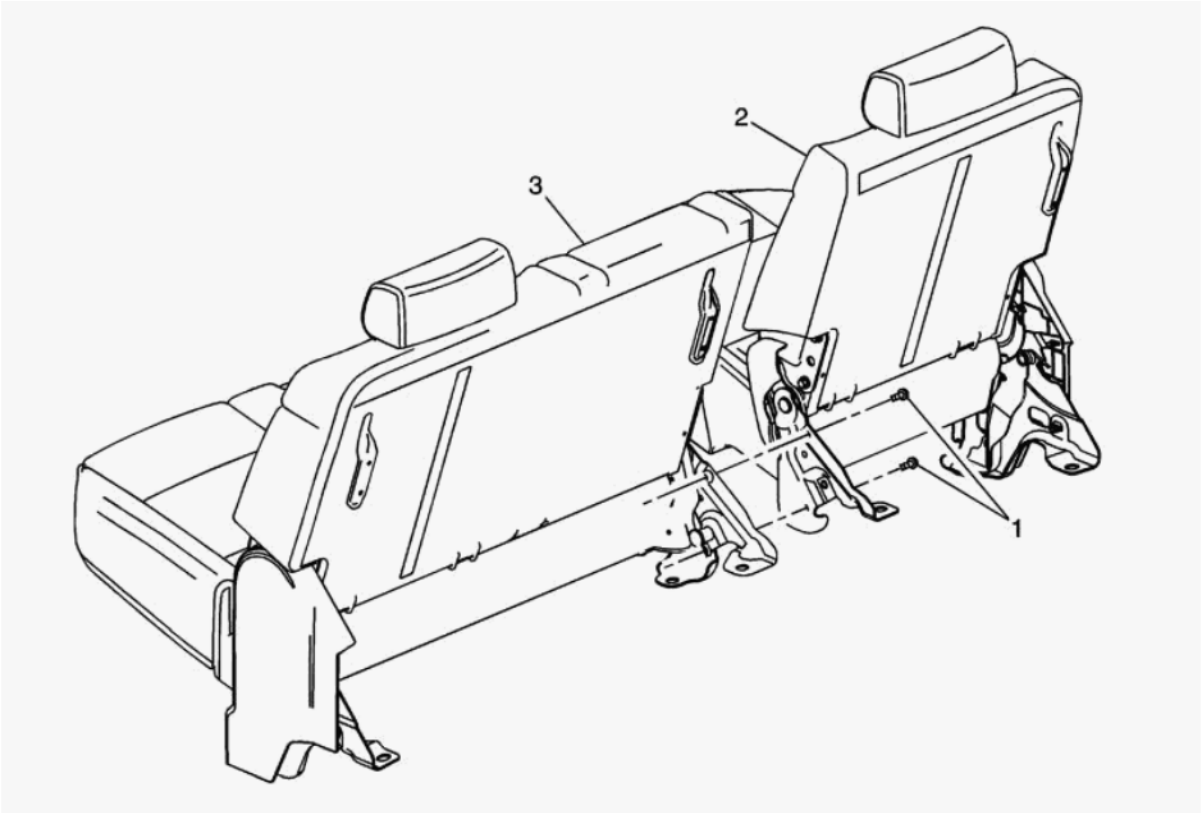


Fig. 52: Rear Seat Separation (with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the rear seat. Refer to **Rear Seat Removal and Installation (Heavy Duty Crew Cab with A68)Rear Seat Removal and Installation (Light Duty Crew Cab with A68)Rear Seat Removal and Installation (Extended Cab with A68)**.	
1	Rear Seat Latch Bolt (Qty: 2) **CAUTION:** **Refer to** **Fastener Caution** . **Procedure** If separating the seats in the vehicle, fold the seat bottom up to gain access to the bolts. **Tighten** 9 N.m (80 lb in)
2	Rear Seat Assembly - 40 Percent
3	Rear Seat Assembly - 60 Percent

REAR SEAT REMOVAL AND INSTALLATION (EXTENDED CAB WITH AM7)

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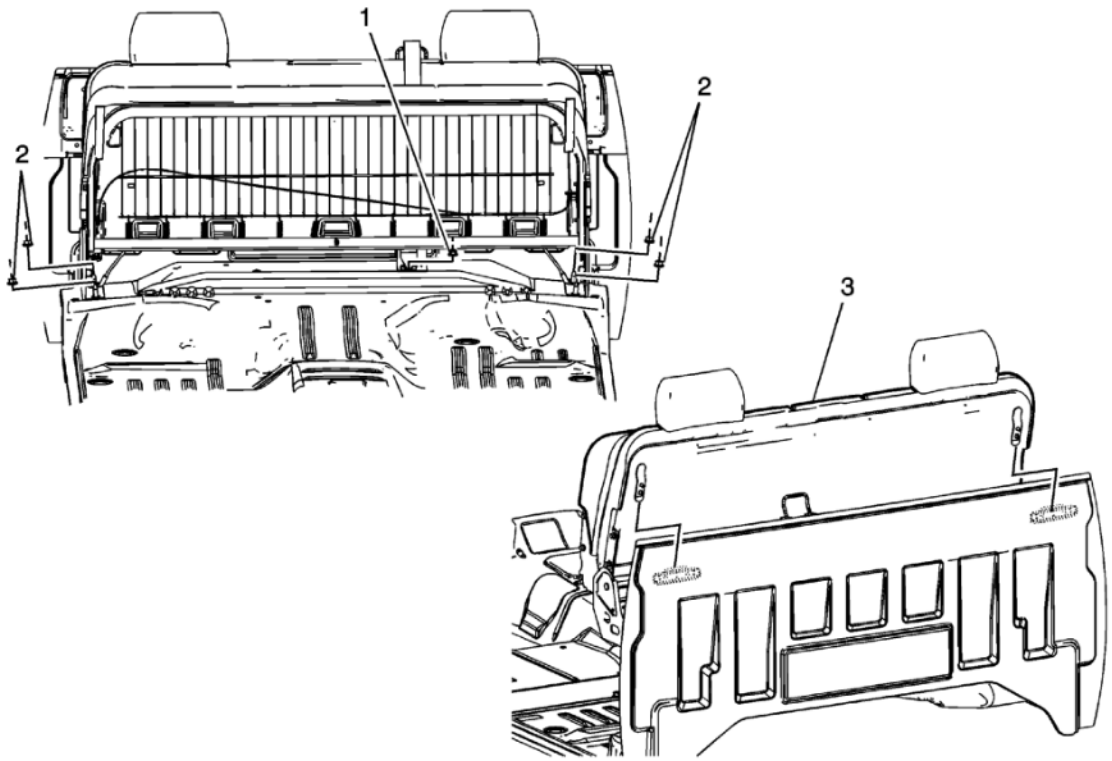


Fig. 53: Rear Seat (Extended Cab with AM7)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Rear Seat Belt Anchor Nut **CAUTION:** **Refer to** **Fastener** **Caution** . **TIP:** Fold the rear seat cushion up to access the nut. **Tighten** 50 N.m (37 lb ft)
2	Rear Seat Nut (Qty: 4) **Tighten** 50 N.m (37 lb ft)
3	Rear Seat Assembly **TIP:** Lift the seat assembly upward to release the rear seat back hooks from the rear of the cab.

REAR SEAT REMOVAL AND INSTALLATION (HEAVY DUTY CREW CAB WITH A68)

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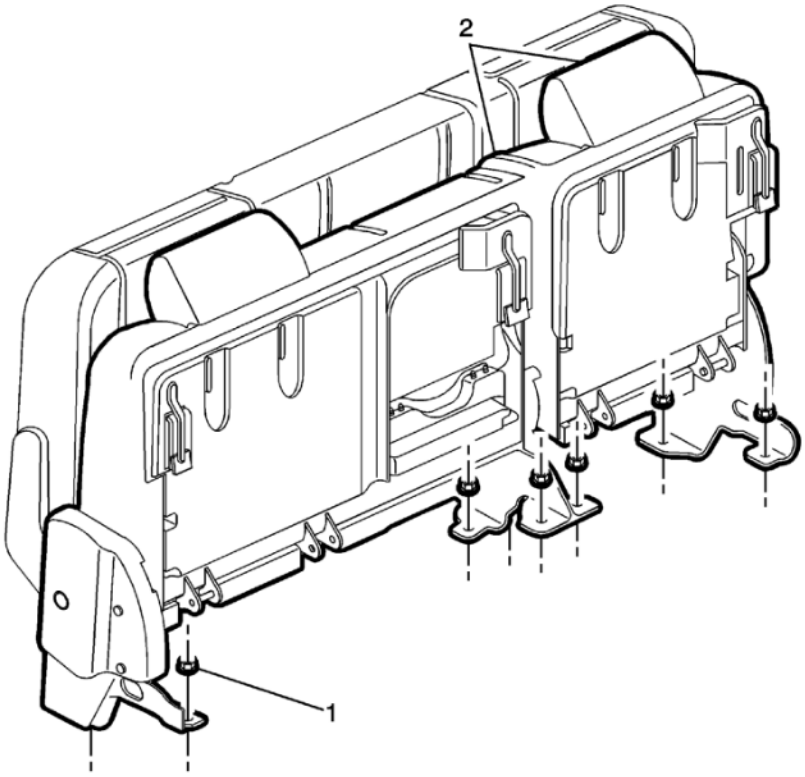


Fig. 54: Rear Seat (Heavy Duty Crew Cab With A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the rear seat belt buckle. Refer to **Rear Seat Belt Buckle Replacement (Extended Cab with A68)** .	
1	Rear Seat Assembly Nut (Qty: 8) **CAUTION:** **Refer to** **Fastener** **Caution** . **Procedure** Remove nut and slide seat belt webbing through the rear seat and out of the way. **TIP:** Fold the rear seat cushion up to access the nuts. **Tighten** 50 N.m (37 lb ft)
2	Rear Seat Assembly 1. Split the rear seats if only one seat is to removed at a time. Refer to **Rear Seat Separation (with A68)**. 2. Lift the seat assembly upward to release the rear seat back hooks from the rear of the cab. 3. During installation flip rear edge of carpet out of the way to prevent the carpet from

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Callout	Component Name
	being installed under any of the seat hardware/attachments.

REAR SEAT REMOVAL AND INSTALLATION (LIGHT DUTY CREW CAB WITH A68)

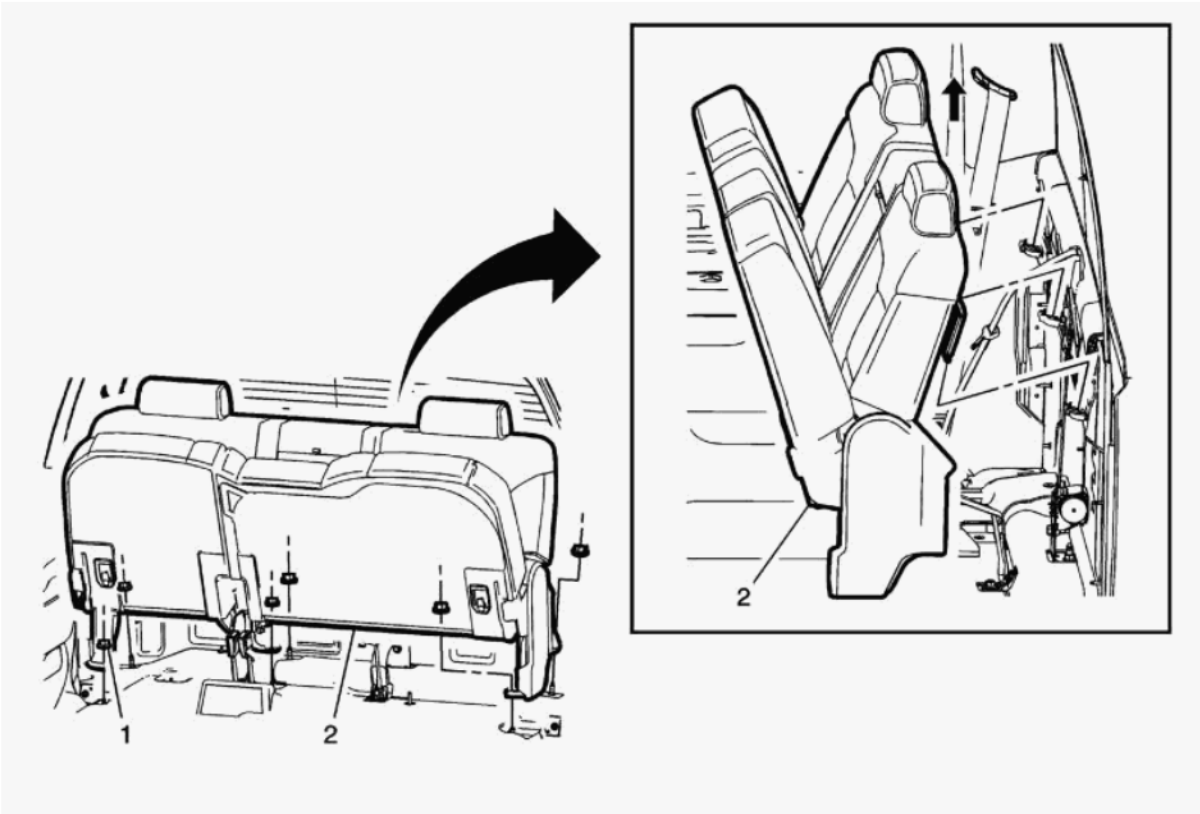


Fig. 55: Rear Seat (Light Duty Crew Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the rear seat belt buckle. Refer to **Rear Seat Belt Buckle Replacement (Crew Cab)** .	
1	Rear Center Seat Belt Anchor Nut **CAUTION:** **Refer to** **Fastener** **Caution** . **Procedure** Remove nut and slide seat belt webbing through the rear seat and out of the way. **Tighten** 45 N.m (33 lb ft)
2	Rear Seat Assembly Nut (Qty: 8) **Procedure** Fold the rear seat cushion up to gain access to the nuts.

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Callout	Component Name
	Tighten 50 N.m (37 lb ft)
3	Rear Seat Assembly **Procedure** 1. Split the rear seats if only one seat is to removed at a time. Refer to **Rear Seat Separation (with A68)** 2. Lift the seat assembly upward to release the rear seat back hooks from the rear of the cab. 3. During installation flip rear edge of carpet out of the way to prevent the carpet from being installed under any of the seat hardware/attachments.

REAR SEAT REMOVAL AND INSTALLATION (EXTENDED CAB WITH A68)

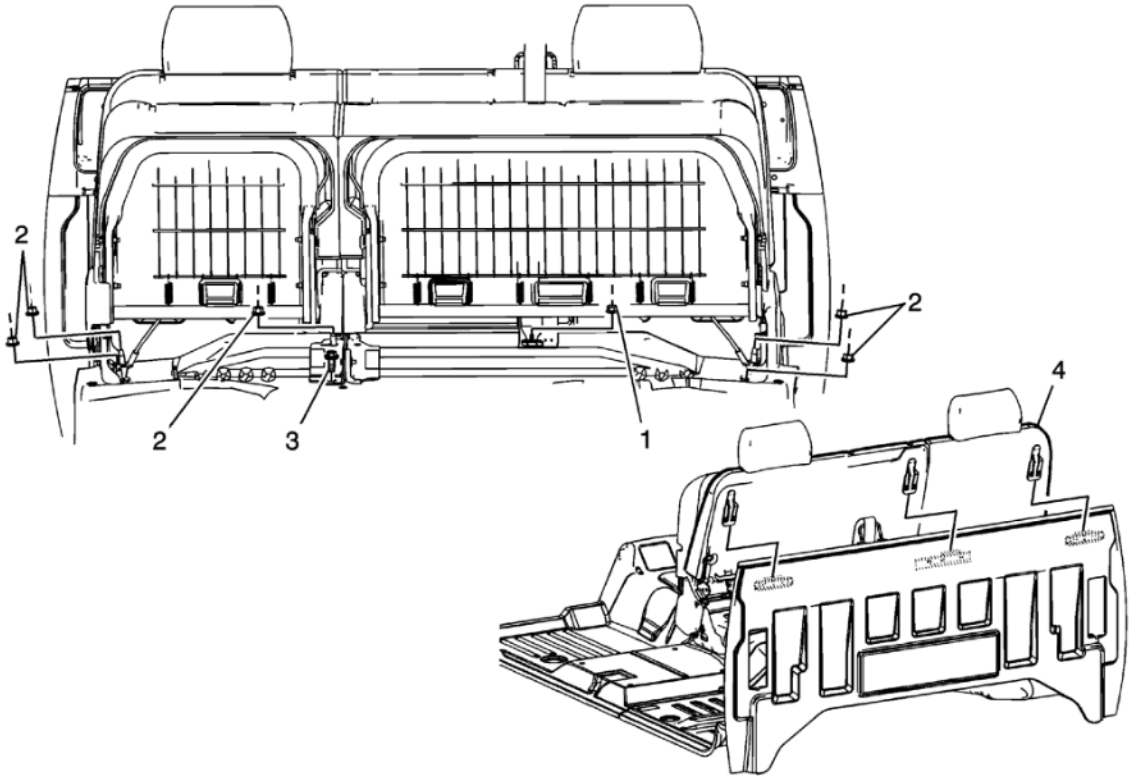


Fig. 56: Rear Seat (Extended Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the rear seat belt buckle. Refer to **Rear Seat Belt Buckle Replacement (Extended Cab with A68)** .	
1	Rear Seat Belt Anchor Nut **CAUTION:**

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Callout	Component Name
	Refer to Fastener Caution . **TIP:** Fold the rear seat cushion up to access the nut. **Tighten** 50 N.m (37 lb ft)
2	Rear Seat Nut (Qty: 5) **Tighten** 50 N.m (37 lb ft)
3	Rear Seat Bolt **Tighten** 50 N.m (37 lb ft)
4	Rear Seat Assembly 1. Split the rear seats if only one seat is to removed at a time. Refer to **Rear Seat Separation (with A68)**. 2. Lift the seat assembly upward to release the rear seat back hooks from the rear of the cab.

REAR SEAT ARMREST REPLACEMENT (CREW CAB WITH A68)

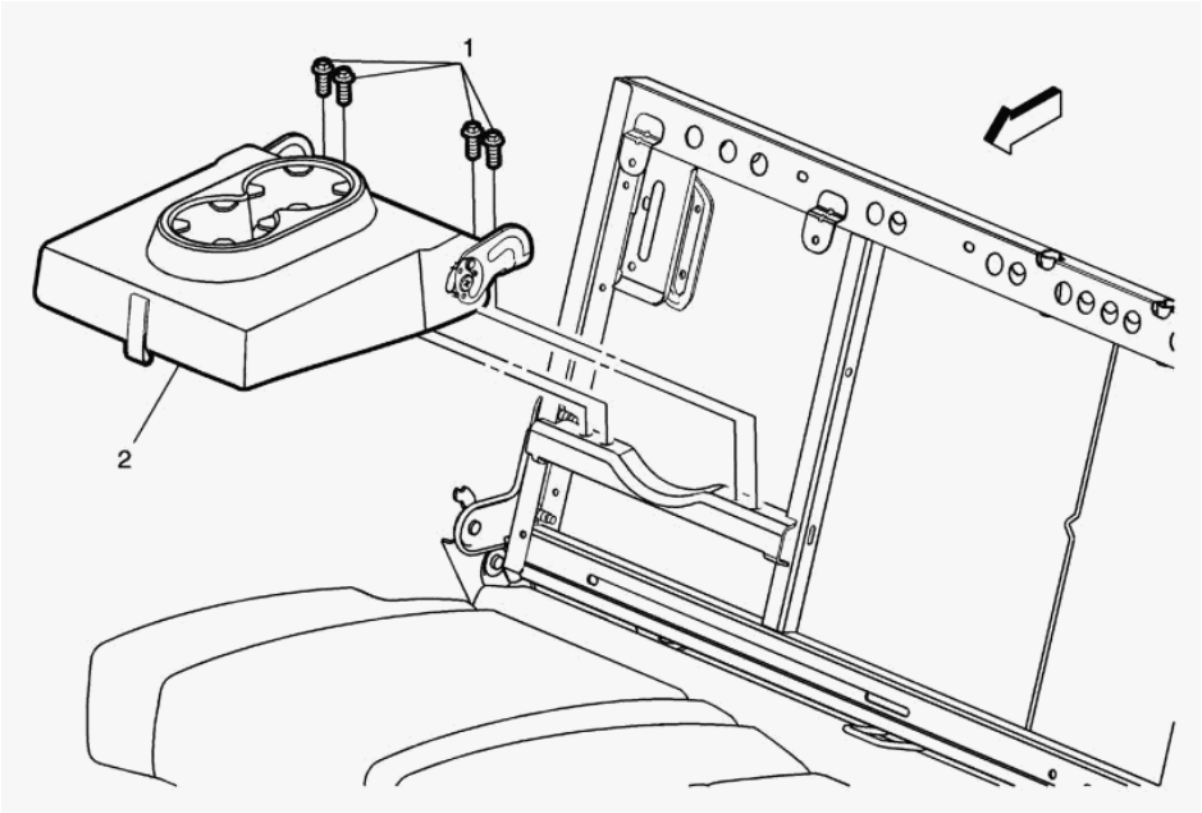


Fig. 57: Rear Seat Armrest (Crew Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

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Callout	Component Name
Preliminary Procedure Remove the rear seat armrest support finish cover. Refer to **Rear Seat Armrest Support Finish Cover Replacement (Crew Cab with A68)**.	
1	Rear Seat Armrest Bolt (Qty: 4) **CAUTION:** **Refer to** **Fastener Caution** . **Tighten** 9 N.m (80 lb in)
2	Rear Seat Armrest

REAR SEAT ARMREST SUPPORT FINISH COVER REPLACEMENT (CREW CAB WITH A68)

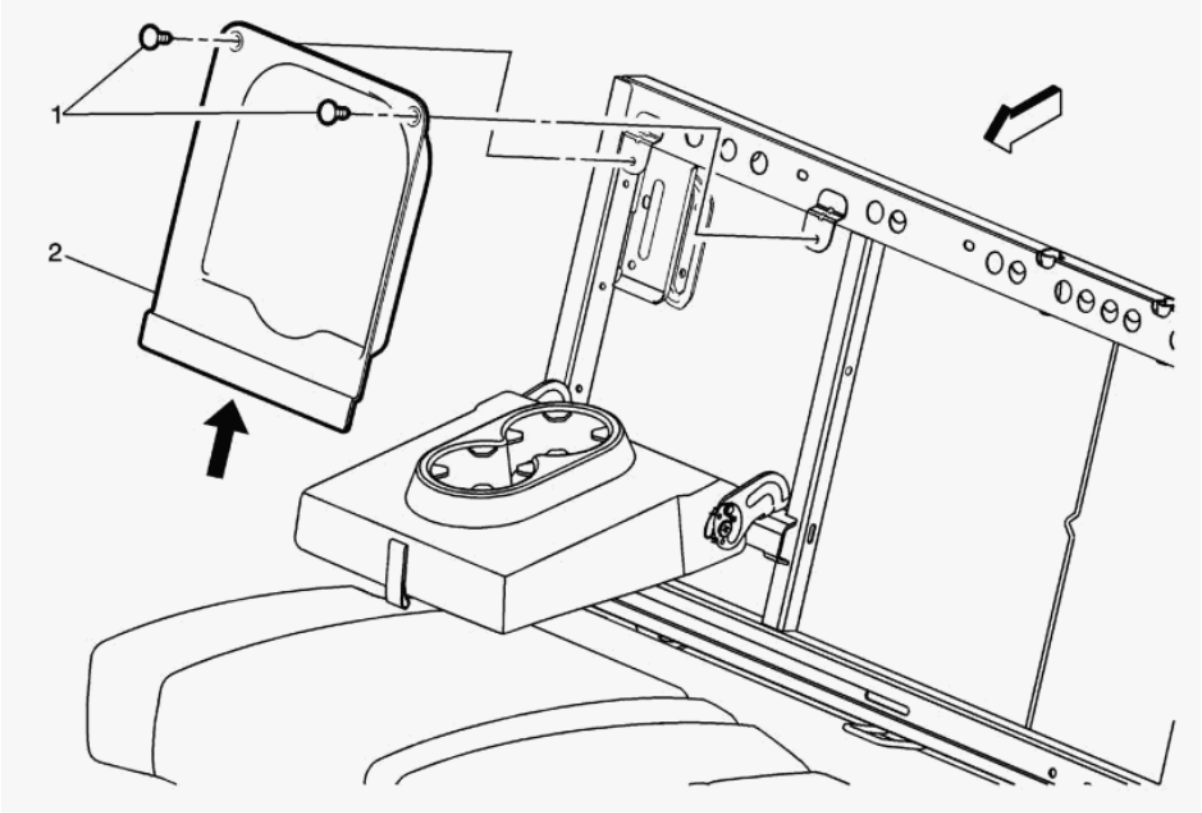


Fig. 58: Rear Seat Armrest Support Finish Cover (Crew Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. Remove the rear seat. Refer to **Rear Seat Removal and Installation (Heavy Duty Crew Cab with A68)Rear Seat Removal and Installation (Light Duty Crew Cab with A68)**. 2. Separate the rear split bench seat. Refer to **Rear Seat Separation (with A68)**.	

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Callout	Component Name
3. Remove the rear seat latch finish cover. Refer to **Rear Seat Latch Finish Cover Replacement (Crew Cab with A68)**. 4. Remove the rear seat head restraint guides. Refer to **Rear Seat Head Restraint Guide Replacement**. 5. Remove the rear seat back cover and pad. Refer to **Rear Seat Back Cushion Cover and Pad Replacement (Crew Cab with A68)**.	
1	Rear Seat Armrest Support Finish Cover Retainer (Qty: 2)
2	Rear Seat Armrest Support Finish Cover **Procedure** Disengage the rear seat armrest support finish cover by pulling up to separate it from the rear seat back frame.

REAR SEAT INNER HINGE FINISH COVER REPLACEMENT (40 PERCENT WITH A68)

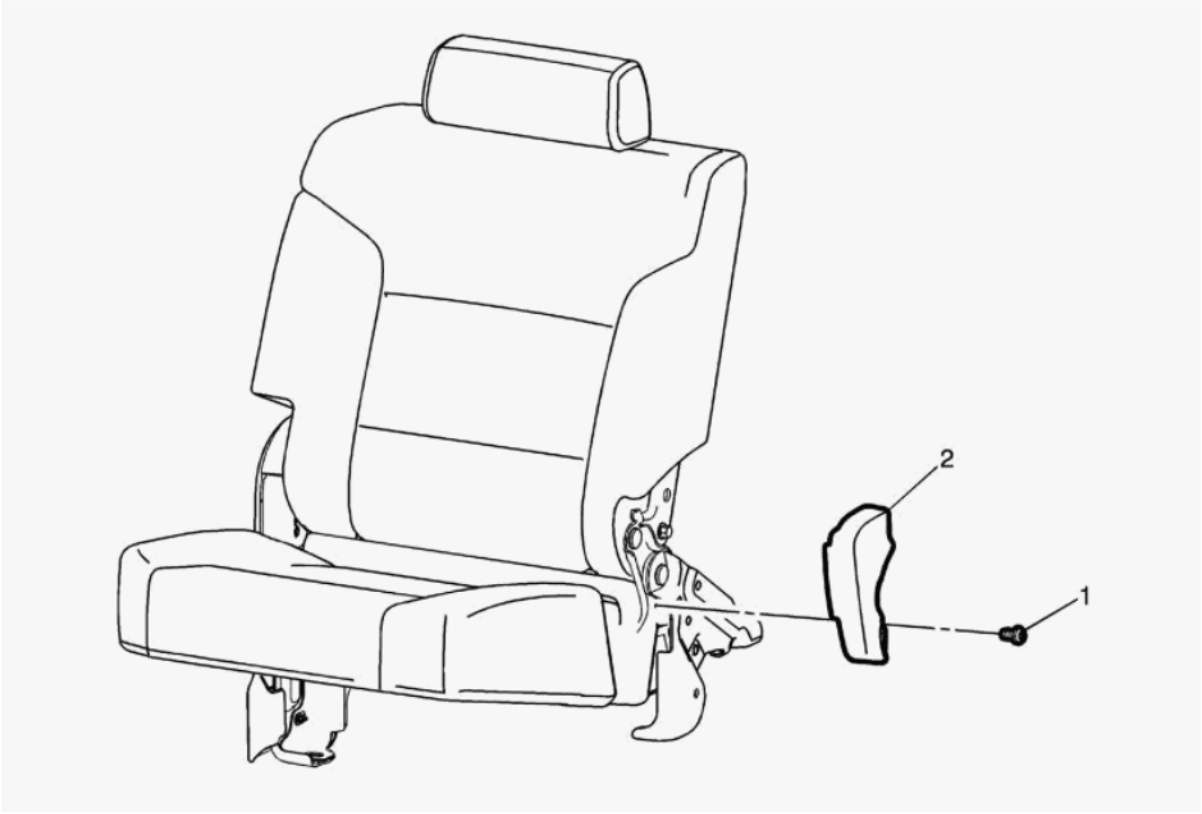


Fig. 59: Rear Seat Inner Hinge Finish Cover (40 Percent with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the rear seat separation. Refer to **Rear Seat Separation (with A68)**.	
1	Rear Seat Inner Hinge Finish Cover Bolt **CAUTION:**

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Callout	Component Name
	Refer to Fastener Caution .
2	Rear Seat Inner Hinge Finish Cover **Procedure** Gently pull outward near the retainer clip location to disengage the cover from the rear seat latch.

REAR SEAT INNER HINGE FINISH COVER REPLACEMENT (60 PERCENT WITH A68)

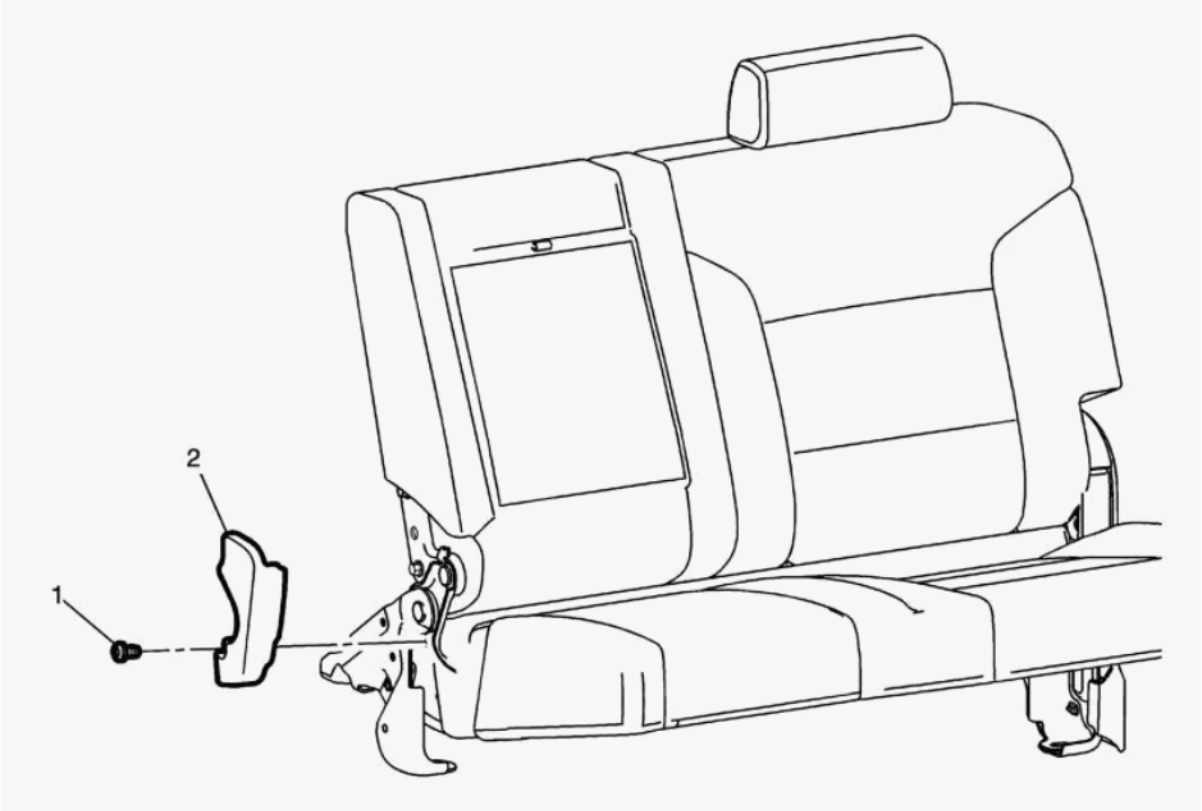


Fig. 60: Rear Seat Inner Hinge Finish Cover (60 Percent with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the rear seat separation. Refer to Rear Seat Separation (with A68).	
1	Rear Seat Inner Hinge Finish Cover Bolt **CAUTION:** **Refer to** Fastener Caution .
2	Rear Seat Inner Hinge Finish Cover **Procedure** Gently pull outward near the retainer clip location to disengage the cover from the rear seat latch.

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REAR SEAT HEAD RESTRAINT REPLACEMENT

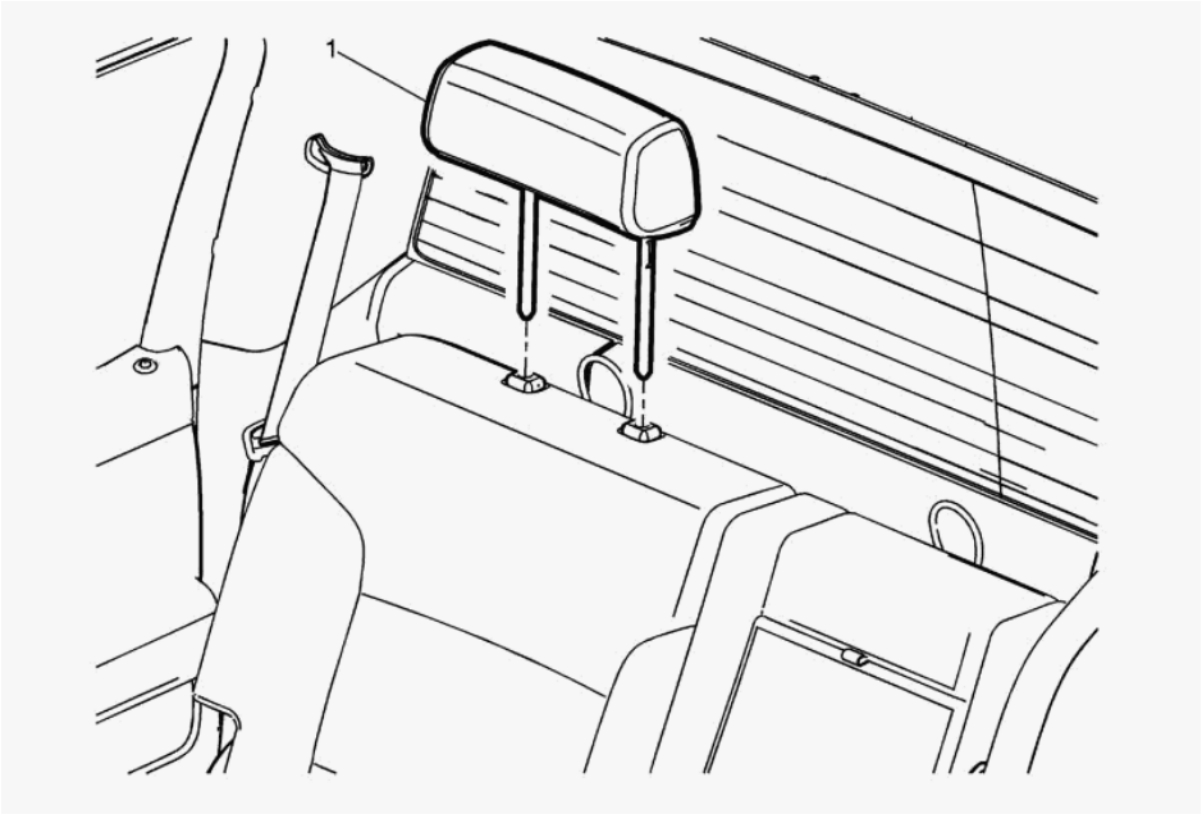


Fig. 61: Rear Seat Head Restraint
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Rear Seat Head Restraint **Procedure** 1. Depress the button on the inboard head restraint guide to raise the head restraint to the full up position. 2. Insert a small diameter tool into the hole on the inboard side of both head restraint guides and pull upward to remove.

REAR SEAT HEAD RESTRAINT GUIDE REPLACEMENT

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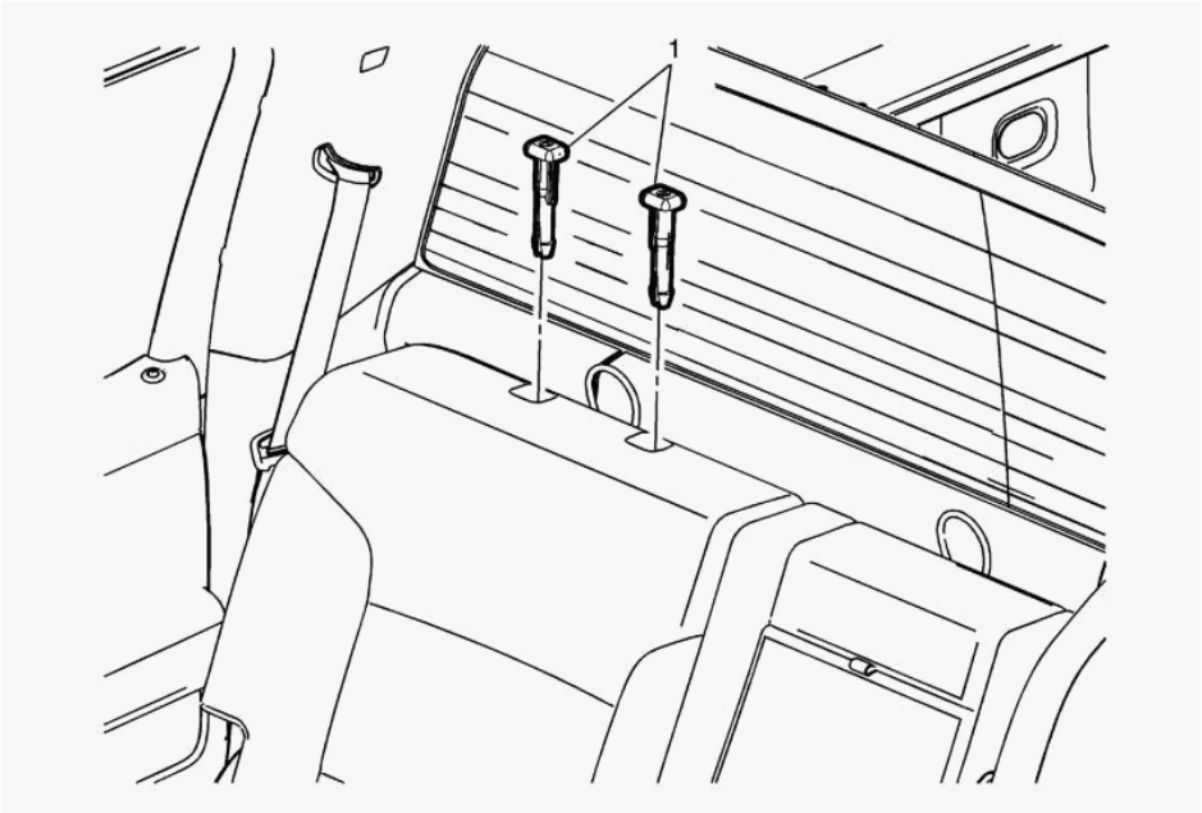


Fig. 62: Rear Seat Head Restraint Guide
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure 1. Remove the rear seat head restraint. Refer to **Rear Seat Head Restraint Replacement**. 2. Remove the rear seat. Refer to **Rear Seat Removal and Installation (Extended Cab with AM7)Rear Seat Removal and Installation (Heavy Duty Crew Cab with A68)Rear Seat Removal and Installation (Light Duty Crew Cab with A68)Rear Seat Removal and Installation (Extended Cab with A68)**.	
1	Rear Seat Head Restraint Guide (Qty: 2) **Procedure** 1. Release the j-channel at the bottom of the seat back and pull the seat back cover up enough to gain access to the head restraint guides. 2. Squeeze the bottom of the head restraint guide together and push up to remove.

REAR SEAT CUSHION COVER AND PAD REPLACEMENT (CREW CAB WITH A68)

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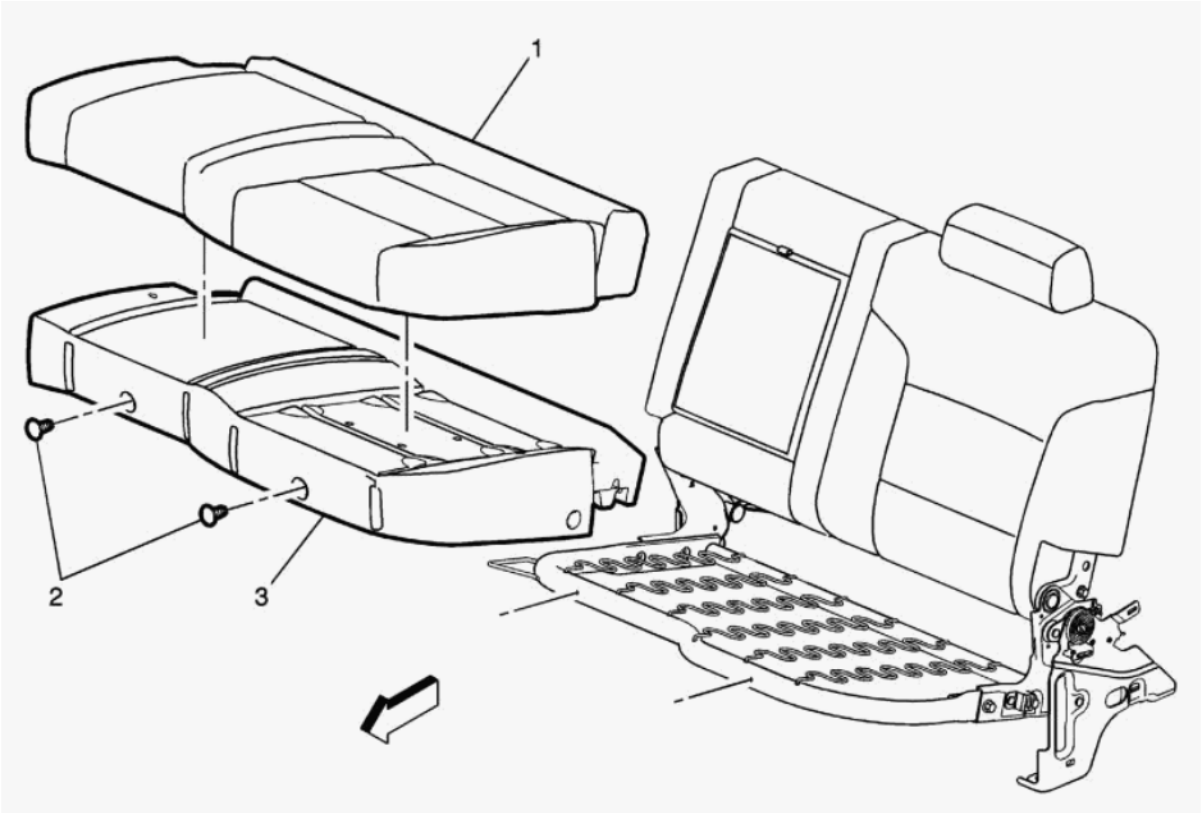


Fig. 63: Rear Seat Cushion Cover and Pad (Crew Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure 1. Remove the rear seat. Refer to **Rear Seat Removal and Installation (Heavy Duty Crew Cab with A68)Rear Seat Removal and Installation (Light Duty Crew Cab with A68)** 2. Separate the rear split bench seat. Refer to **Rear Seat Separation (with A68)** 3. Remove the rear seat latch finish cover. Refer to **Rear Seat Latch Finish Cover Replacement (Crew Cab with A68)** 4. Remove the rear seat inner hinge finish cover. Refer to **Rear Seat Inner Hinge Finish Cover Replacement (40 Percent with A68)Rear Seat Inner Hinge Finish Cover Replacement (60 Percent with A68)**	
1	Rear Seat Cushion Cover **Procedure** 1. Disconnect the j-channel from the seat cushion frame. 2. Remove the seat cushion cover and pad as an assembly from the frame. 3. Remove the seat cushion cover from the pad. 4. 60% seat shown, 40% seat similar.
2	Rear Seat Cushion Cover Retainer (Qty: 2)
3	Rear Seat Cushion Pad

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REAR SEAT CUSHION COVER AND PAD REPLACEMENT (EXTENDED CAB WITH A68)

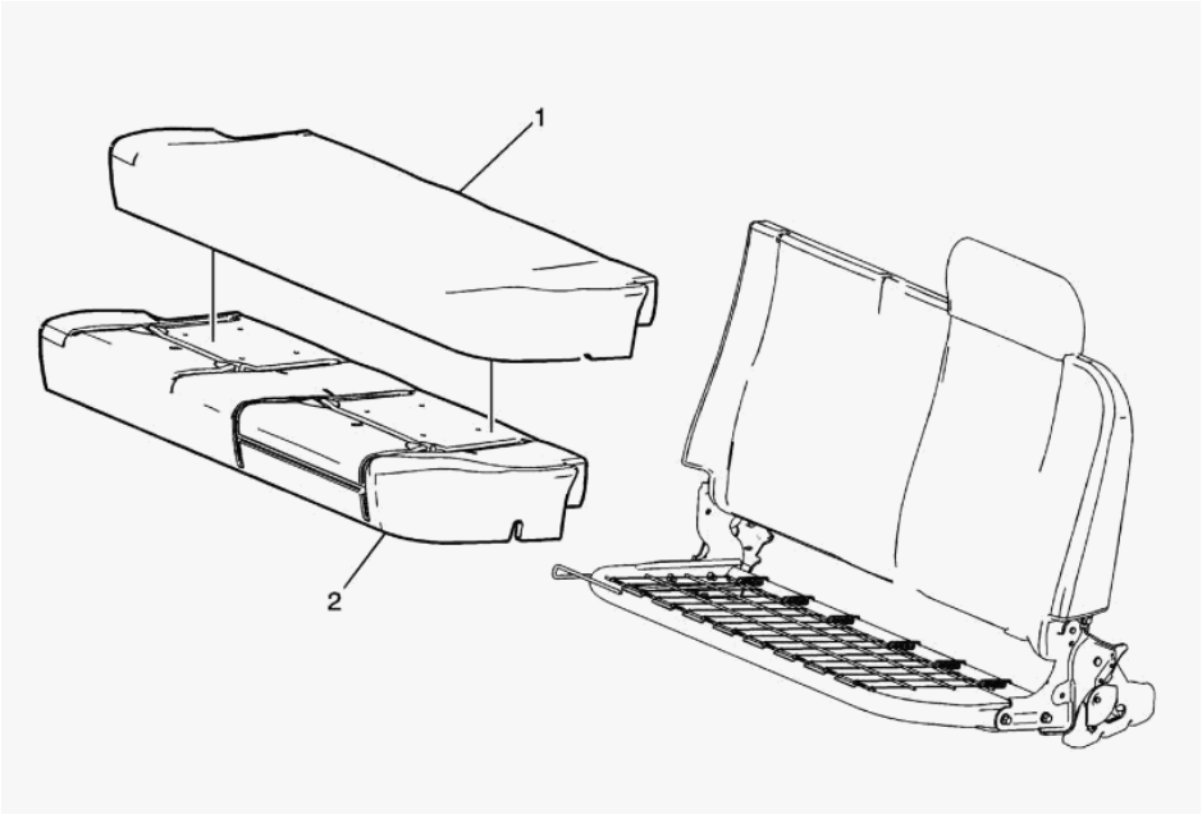


Fig. 64: Rear Seat Cushion Cover and Pad (Extended Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. Remove the rear seat. Refer to **Rear Seat Removal and Installation (Extended Cab with A68)**. 2. Separate the rear split bench seat. Refer to **Rear Seat Separation (with A68)**. 3. Remove the rear seat inner hinge finish cover. Refer to **Rear Seat Inner Hinge Finish Cover Replacement (40 Percent with A68)Rear Seat Inner Hinge Finish Cover Replacement (60 Percent with A68)**. 4. Remove the rear seat latch finish cover. Refer to **Rear Seat Latch Finish Cover Replacement (Crew Cab with A68)**.	
1	Rear Seat Cushion Cover **Procedure** 1. Disconnect the j-channel from the seat cushion frame. 2. Remove the seat cushion cover and pad as an assembly from the frame. 3. Remove the seat cushion cover from the pad. 4. 60% seat shown, 40% seat similar.
2	Rear Seat Cushion Pad

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REAR SEAT CUSHION COVER AND PAD REPLACEMENT (EXTENDED CAB WITH AM7)

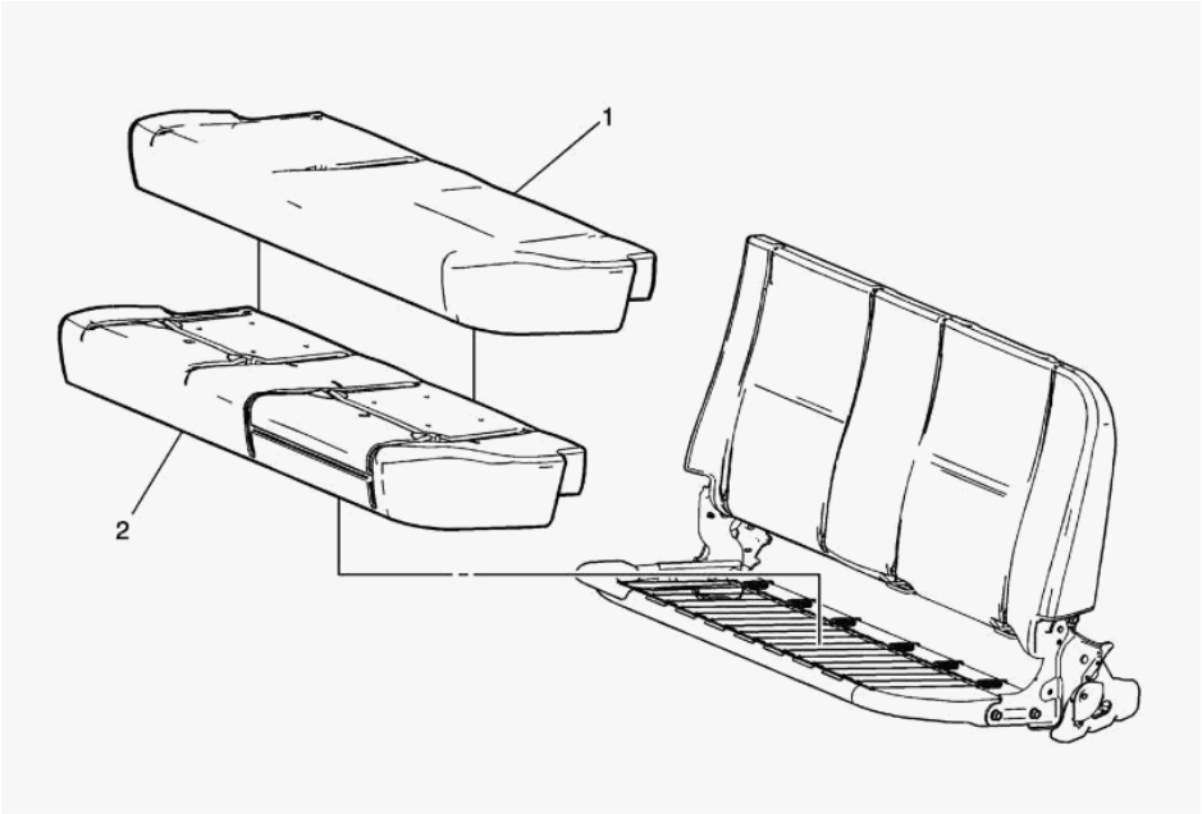


Fig. 65: Rear Seat Cushion Cover and Pad (Extended Cab with AM7)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. Remove the rear bench seat. Refer to **Rear Seat Removal and Installation (Extended Cab with AM7)**. 2. Remove the rear seat latch finish cover. Refer to **Rear Seat Latch Finish Cover Replacement (Crew Cab with A68)**.	
1	Rear Seat Cushion Cover **Procedure** 1. Disconnect the j-channel from the seat cushion frame. 2. Remove the seat cushion cover and pad as an assembly from the frame. 3. Remove the seat cushion cover from the pad.
2	Rear Seat Cushion Pad

REAR SEAT CUSHION FRAME REPLACEMENT (EXTENDED CAB WITH A68)

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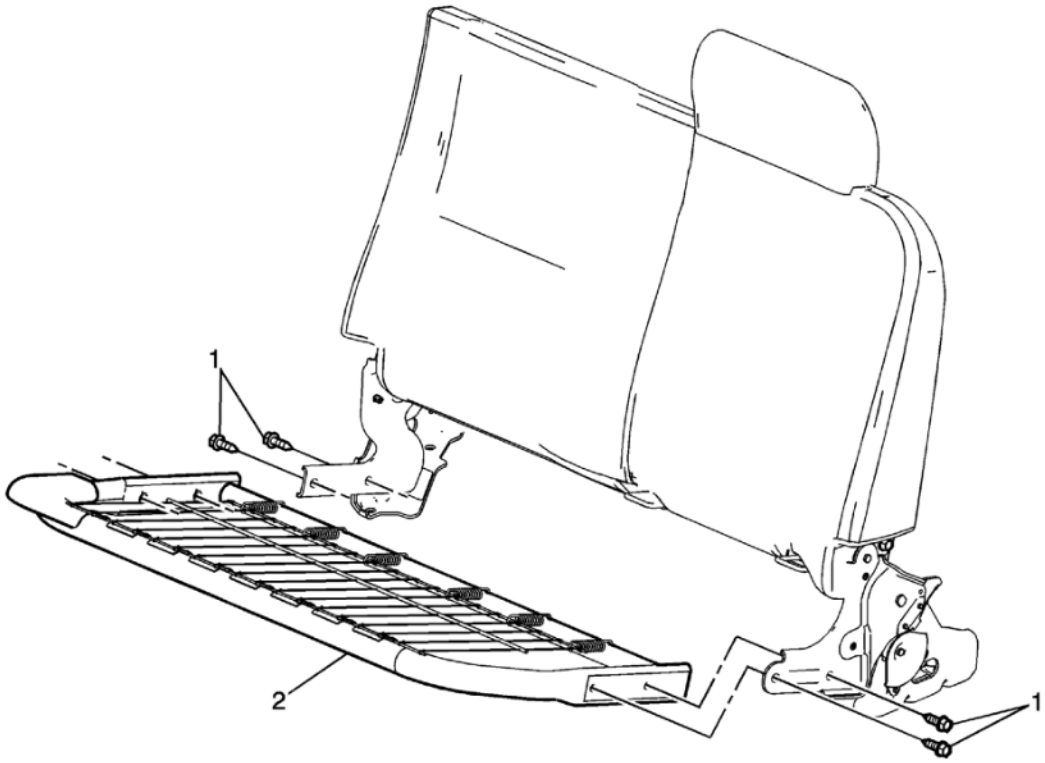


Fig. 66: Rear Seat Cushion Frame (Extended Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the rear seat cushion cover and pad. Refer to **Rear Seat Cushion Cover and Pad Replacement (Extended Cab with A68)**	
1	Rear Seat Cushion Frame Bolt (Qty: 4) **CAUTION:** **Refer to Fastener Caution .** **Tighten** 9 N.m (80 lb ft)
2	Rear Seat Cushion Frame

REAR SEAT CUSHION FRAME REPLACEMENT (CREW CAB WITH A68)

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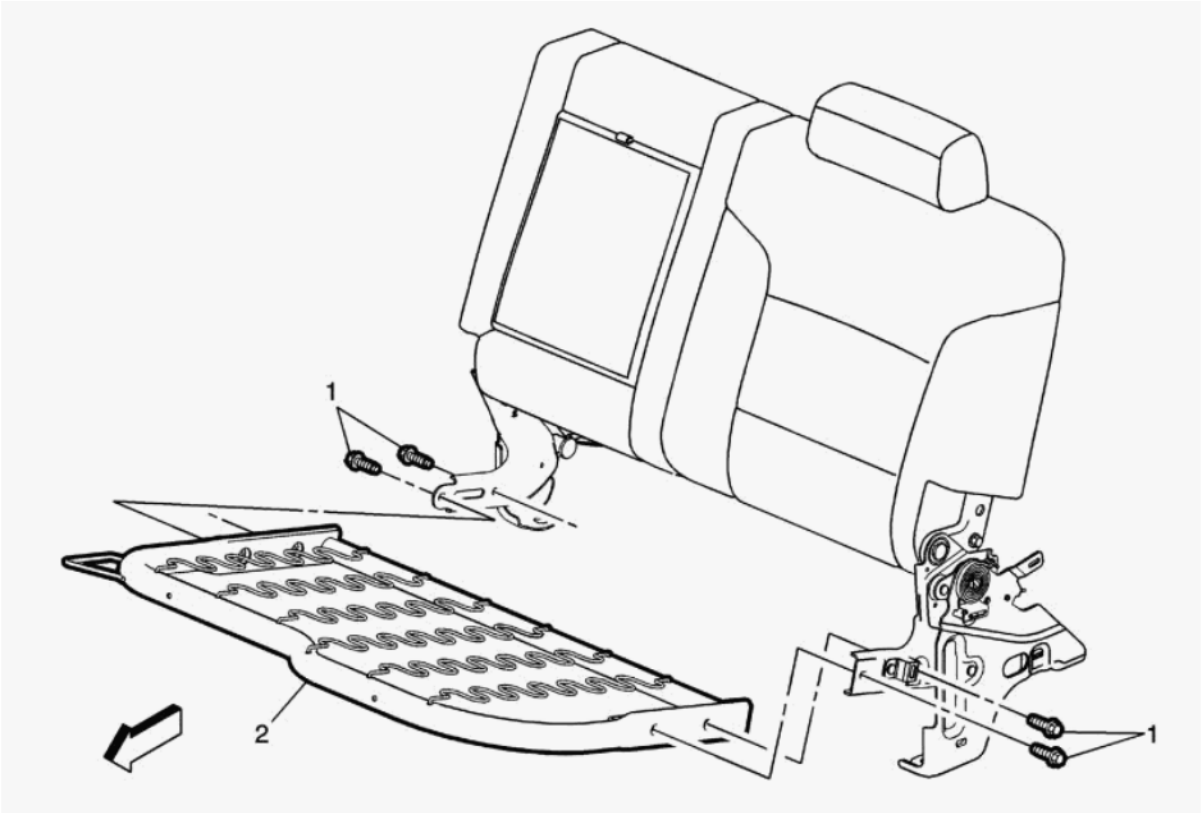


Fig. 67: Rear Seat Cushion Frame (Crew Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the rear seat cushion cover and pad. Refer to **Rear Seat Cushion Cover and Pad Replacement (Crew Cab with A68)**.	
1	Rear Seat Cushion Frame Bolts (Qty: 4) **CAUTION:** **Refer to** **Fastener Caution** . **Tighten** 9 N.m (80 lb in)
2	Rear Seat Cushion Frame **Procedure** 1. 60 percent seat shown, 40 percent seat similar. 2. Transfer components as necessary.

REAR SEAT CUSHION FRAME REPLACEMENT (EXTENDED CAB WITH AM7)

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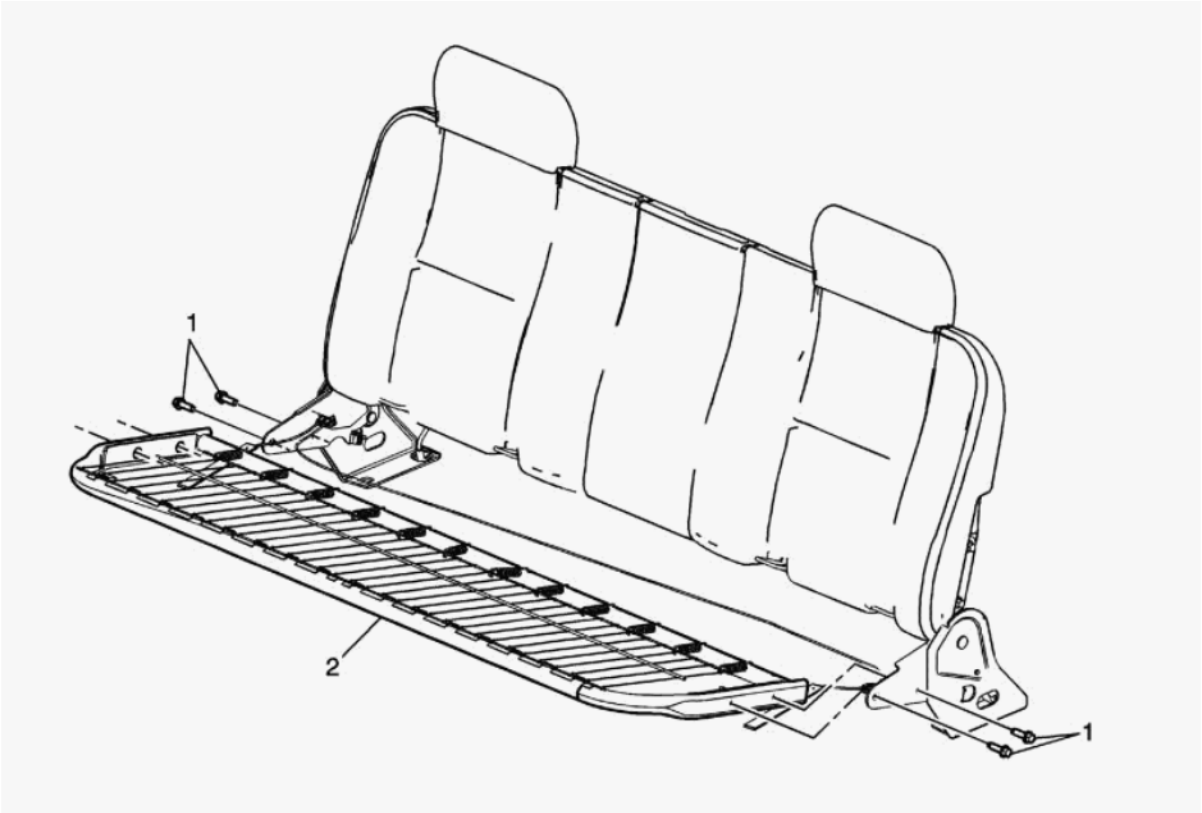


Fig. 68: Rear Seat Cushion Frame (Extended Cab with AM7)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. Remove the rear bench seat. Refer to **Rear Seat Removal and Installation (Extended Cab with AM7)**. 2. Remove the rear seat latch finish cover. Refer to **Rear Seat Latch Finish Cover Replacement (Crew Cab with A68)**. 3. Remove the rear seat cushion cover and pad. Refer to **Rear Seat Cushion Cover and Pad Replacement (Extended Cab with AM7)**.	
1	Rear Seat Cushion Frame Bolt (Qty: 4) **CAUTION:** **Refer to Fastener Caution .** **Tighten** 9 N.m (80 lb ft)
2	Rear Seat Cushion Frame

REAR SEAT LATCH REPLACEMENT (EXTENDED CAB WITH A68)

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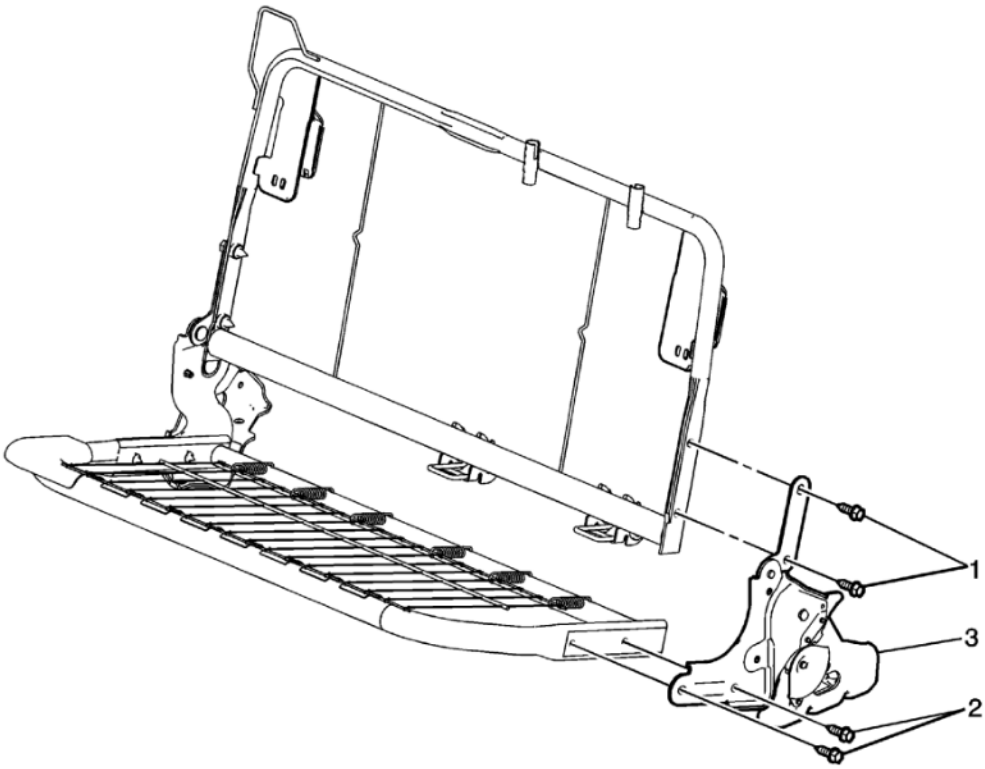


Fig. 69: Rear Seat Latch (Extended Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. Remove the rear seat back cover and pad. Refer to **Rear Seat Back Cushion Cover and Pad Replacement (Extended Cab with A68)**. 2. Remove the rear seat cushion cover and pad. Refer to **Rear Seat Cushion Cover and Pad Replacement (Extended Cab with A68)**.	
1	Rear Seat Back Cushion Frame Bolt (Qty: 2) **CAUTION:** **Refer to Fastener Caution .** **Tighten** 9 N.m (80 lb ft)
2	Rear Seat Cushion Frame Bolt (Qty: 2) **Tighten** 9 N.m (80 lb ft)
3	Rear Seat Latch (Qty: 2) **TIP:** 60 percent seat shown, 40 percent seat similar.

REAR SEAT LATCH REPLACEMENT (CREW CAB WITH A68)

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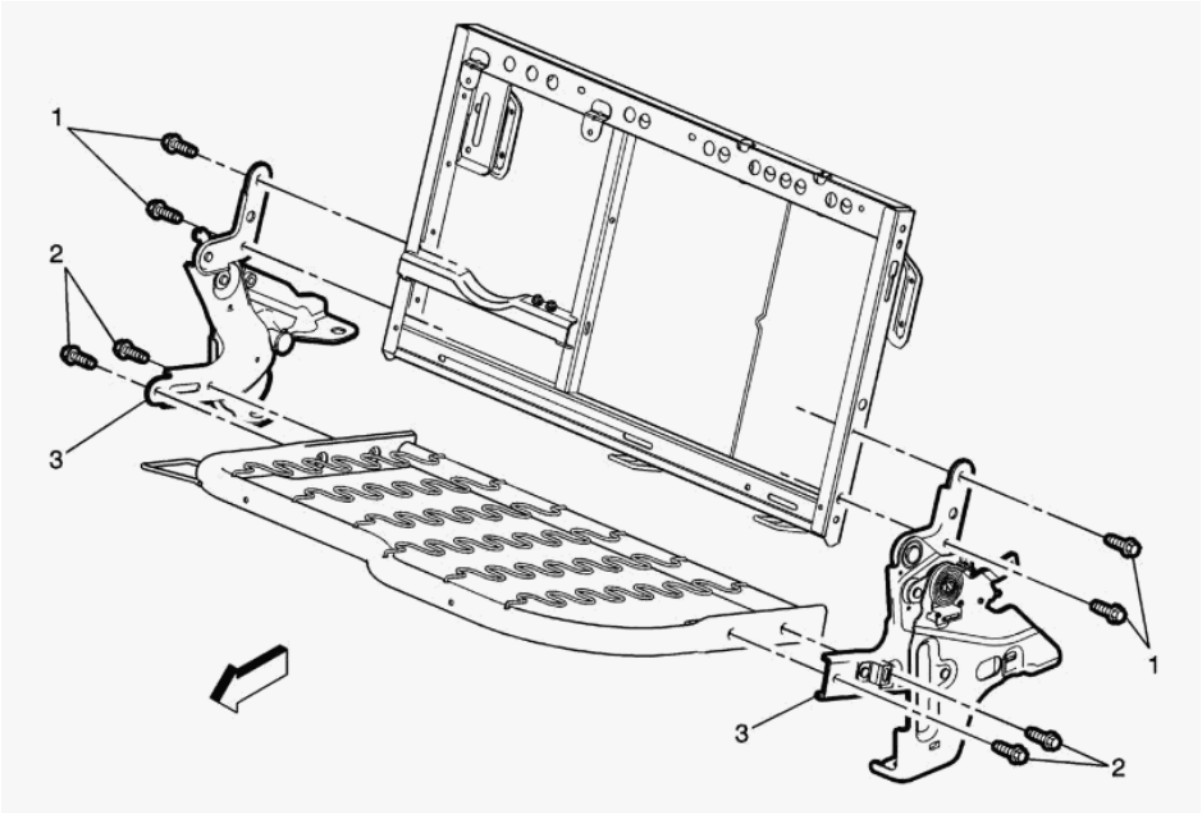


Fig. 70: Rear Seat Latch (Crew Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure 1. Remove the rear seat armrest support finish cover. Refer to. **Rear Seat Armrest Support Finish Cover Replacement (Crew Cab with A68)** 2. Remove the rear seat back cushion cover and pad. Refer to. **Rear Seat Back Cushion Cover and Pad Replacement (Crew Cab with A68)** 3. Remove the rear seat cushion cover and pad. Refer to. **Rear Seat Cushion Cover and Pad Replacement (Crew Cab with A68)**	
1	Rear Seat Back Cushion Frame Bolts (Qty: 4) **CAUTION:** **Refer to Fastener Caution .** **Tighten** 9 N.m (80 lb in)
2	Rear Seat Cushion Frame Bolts (Qty: 4) **Tighten** 9 N.m (80 lb in)

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Callout	Component Name
3	Rear Seat Back Cushion Frame **Procedure** 1. 60 percent seat shown, 40 percent seat similar. 2. Transfer components as necessary.

REAR SEAT LATCH REPLACEMENT (EXTENDED CAB WITH AM7)

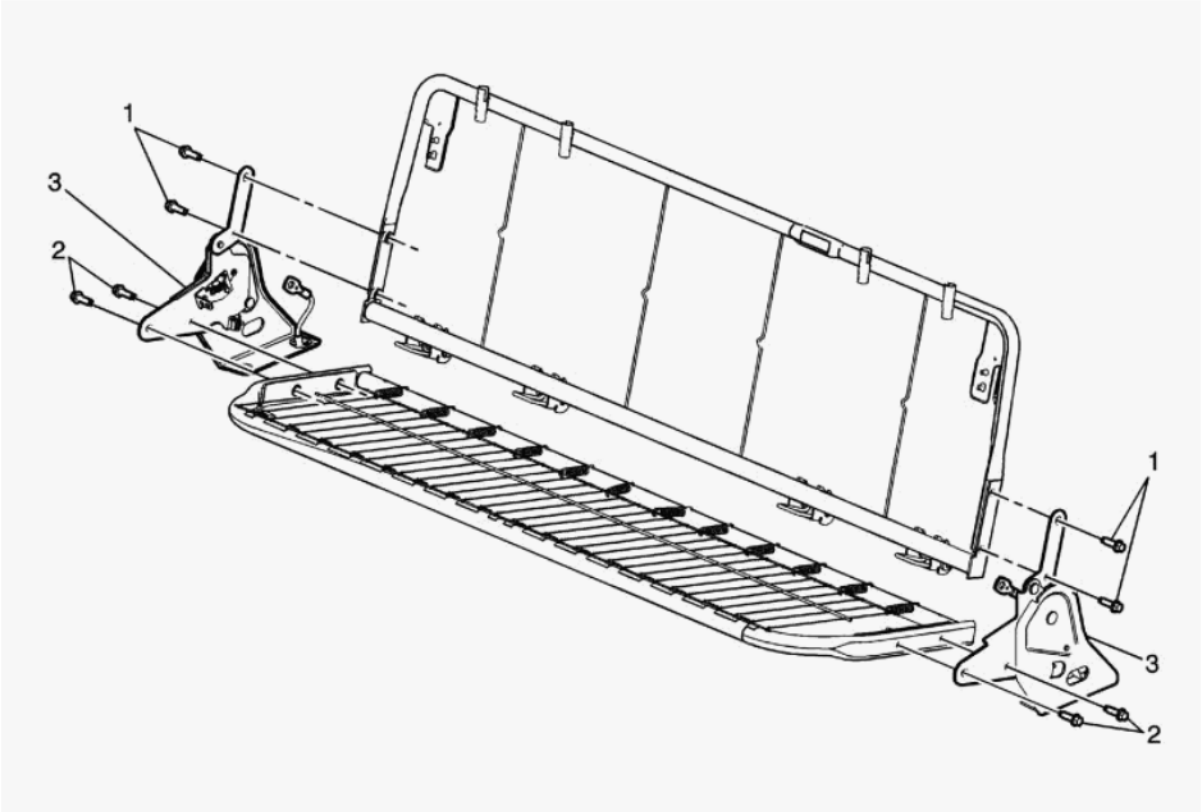


Fig. 71: Rear Seat Latch (Extended Cab with AM7)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures	
	1. Remove the rear bench seat. Refer to **Rear Seat Removal and Installation (Extended Cab with AM7)**. 2. Remove the rear seat latch finish cover. Refer to **Rear Seat Latch Finish Cover Replacement (Crew Cab with A68)**. 3. Remove the rear seat head restraint. Refer to **Rear Seat Head Restraint Replacement**. 4. Remove the rear seat head restraint guides. Refer to **Rear Seat Head Restraint Guide Replacement**. 5. Remove the rear seat back cover and pad. Refer to **Rear Seat Back Cushion Cover and Pad Replacement (Extended Cab with AM7)**. 6. Remove the rear seat cushion cover and pad. Refer to **Rear Seat Cushion Cover and Pad**

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Callout	Component Name
	Replacement (Extended Cab with AM7).
1	Rear Seat Back Cushion Frame Bolt (Qty: 4) **CAUTION:** **Refer to Fastener Caution .** **Tighten** 9 N.m (80 lb ft)
2	Rear Seat Cushion Frame Bolt (Qty: 4) **Tighten** 9 N.m (80 lb ft)
3	Rear Seat Latch (Qty: 2) **NOTE:** **Disconnect the latch cable.**

REAR SEAT BACK CUSHION COVER AND PAD REPLACEMENT (CREW CAB WITH A68)

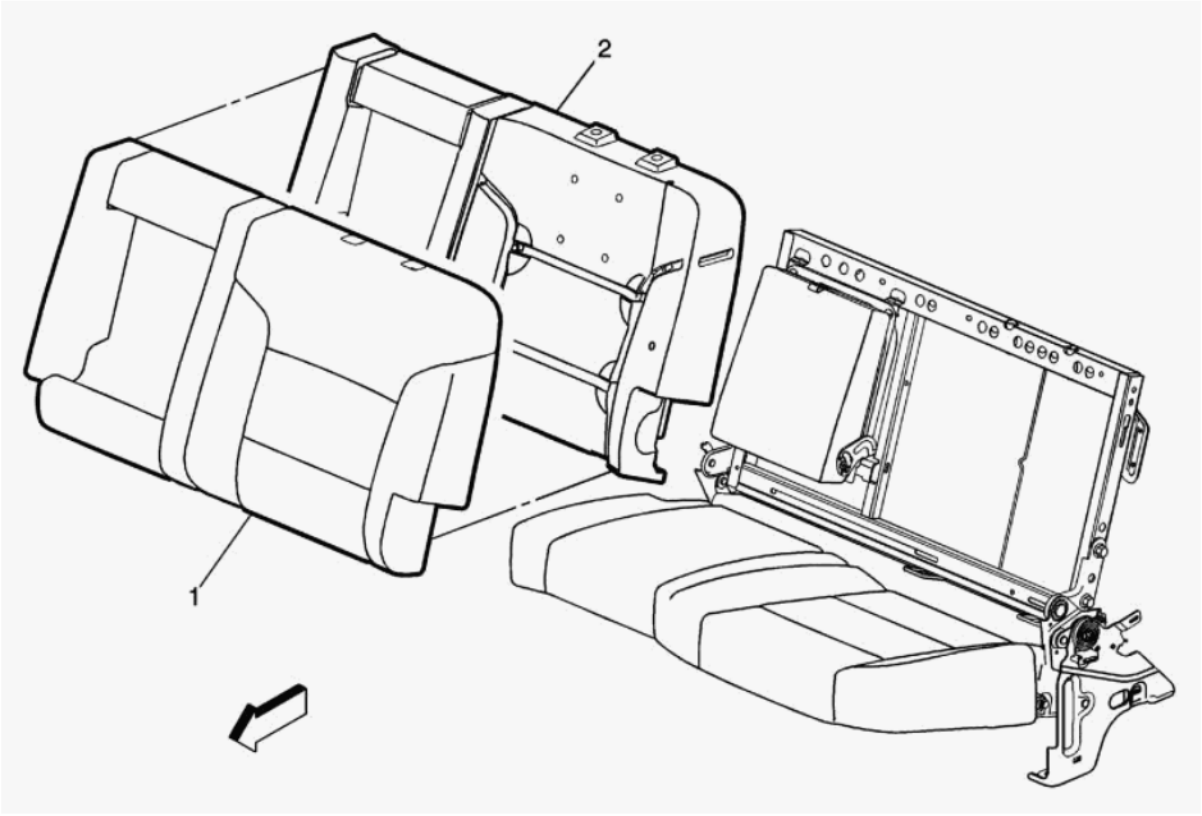


Fig. 72: Rear Seat Back Cushion Cover and Pad (Crew Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

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Callout	Component Name
Preliminary Procedure 1. Remove the rear seat. Refer to **Rear Seat Removal and Installation (Heavy Duty Crew Cab with A68)Rear Seat Removal and Installation (Light Duty Crew Cab with A68)** 2. Separate the rear split bench seat. Refer to **Rear Seat Separation (with A68)** 3. Remove the rear seat latch finish cover. Refer to **Rear Seat Latch Finish Cover Replacement (Crew Cab with A68)** 4. Remove the rear seat inner hinge finish cover. Refer to **Rear Seat Inner Hinge Finish Cover Replacement (40 Percent with A68)Rear Seat Inner Hinge Finish Cover Replacement (60 Percent with A68)** 5. Remove the rear seat head restraint guide. Refer to **Rear Seat Head Restraint Guide Replacement**	
1	Rear Seat Back Cushion Cover **Procedure** 1. Remove the rear seat back tether bolt. 2. Disconnect the j-channel from the seat back cushion frame. 3. Remove the seat back cushion cover and pad as an assembly from the frame. 4. Remove the seat back cushion cover from the pad. 5. 60% seat shown, 40% seat similar.
2	Rear Seat Back Cushion Pad

REAR SEAT BACK CUSHION COVER AND PAD REPLACEMENT (EXTENDED CAB WITH AM7)

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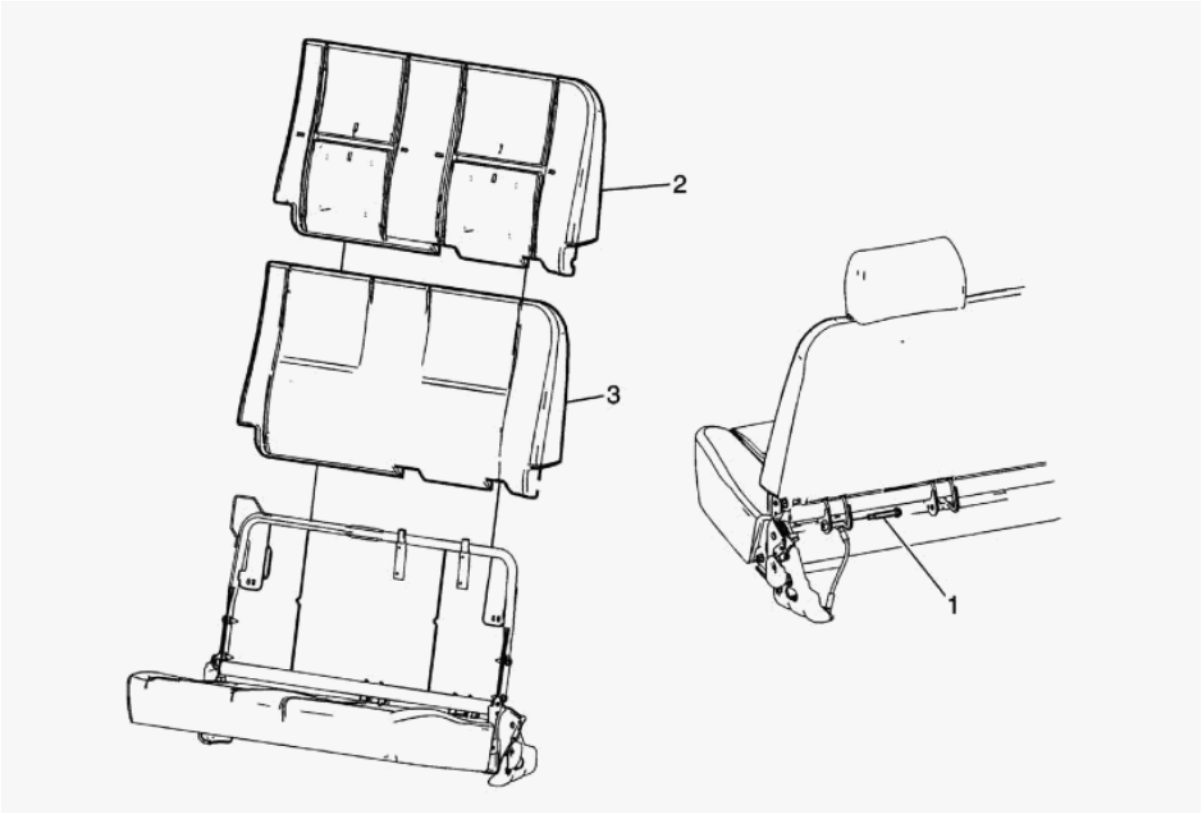


Fig. 73: Rear Seat Back Cushion Cover and Pad (Extended Cab with AM7)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. Remove the rear bench seat. Refer to **Rear Seat Removal and Installation (Extended Cab with AM7)**. 2. Remove the rear seat latch finish cover. Refer to **Rear Seat Latch Finish Cover Replacement (Crew Cab with A68)**. 3. Remove the rear seat head restraint. Refer to **Rear Seat Head Restraint Replacement**. 4. Remove the rear seat head restraint guides. Refer to **Rear Seat Head Restraint Guide Replacement**.	
1	Rear Seat Back Tether Bolt **CAUTION:** **Refer to Fastener Caution .** **Tighten** 9 N.m (80 lb ft)
2	Rear Seat Back Cushion Cover **Procedure**

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Callout	Component Name
	1. Disconnect the j-channel from the seat back cushion frame. 2. Remove the seat back cushion cover and pad as an assembly from the frame. 3. Remove the seat back cushion cover from the pad.
3	Rear Seat Back Cushion Pad

REAR SEAT BACK CUSHION COVER AND PAD REPLACEMENT (EXTENDED CAB WITH A68)

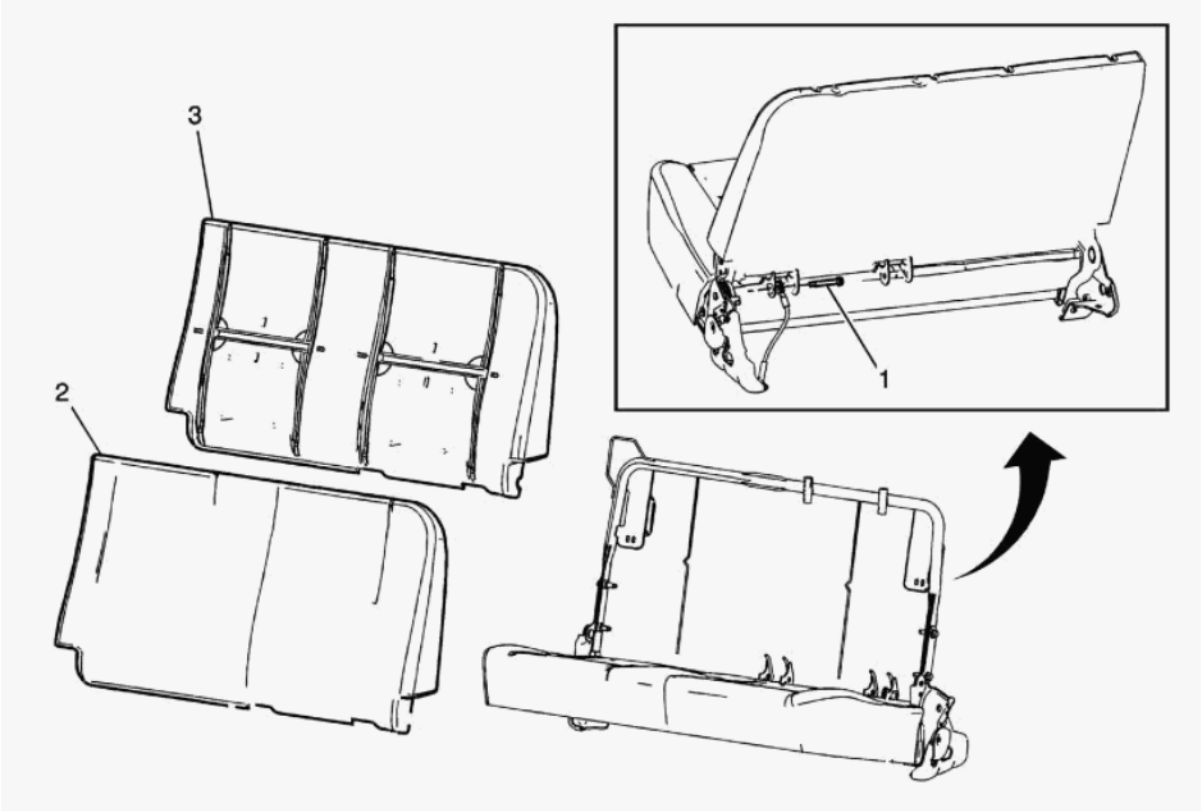


Fig. 74: Rear Seat Back Cushion Cover and Pad (Extended Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. Remove the rear seat. Refer to **Rear Seat Removal and Installation (Extended Cab with A68)**. 2. Separate the rear split bench seat. Refer to **Rear Seat Separation (with A68)**. 3. Remove the rear seat latch finish cover. Refer to **Rear Seat Latch Finish Cover Replacement (Crew Cab with A68)**. 4. Remove the rear seat head restraint. Refer to **Rear Seat Head Restraint Replacement**. 5. Remove the rear seat head restraint guides. Refer to **Rear Seat Head Restraint Guide Replacement**.	
1	Rear Seat Back Tether Bolt **CAUTION:**

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Callout	Component Name
	Refer to Fastener Caution . **Tighten** 9 N.m (80 lb in)
2	Rear Seat Back Cushion Cover **Procedure** 1. Disconnect the J-channel from the seat back cushion frame. 2. Remove the seat back cushion cover and pad as an assembly from the frame. 3. Remove the seat back cushion cover from the pad.
3	Rear Seat Back Cushion Pad

REAR SEAT BACK CUSHION LATCH COVER REPLACEMENT (CREW CAB WITH A68)

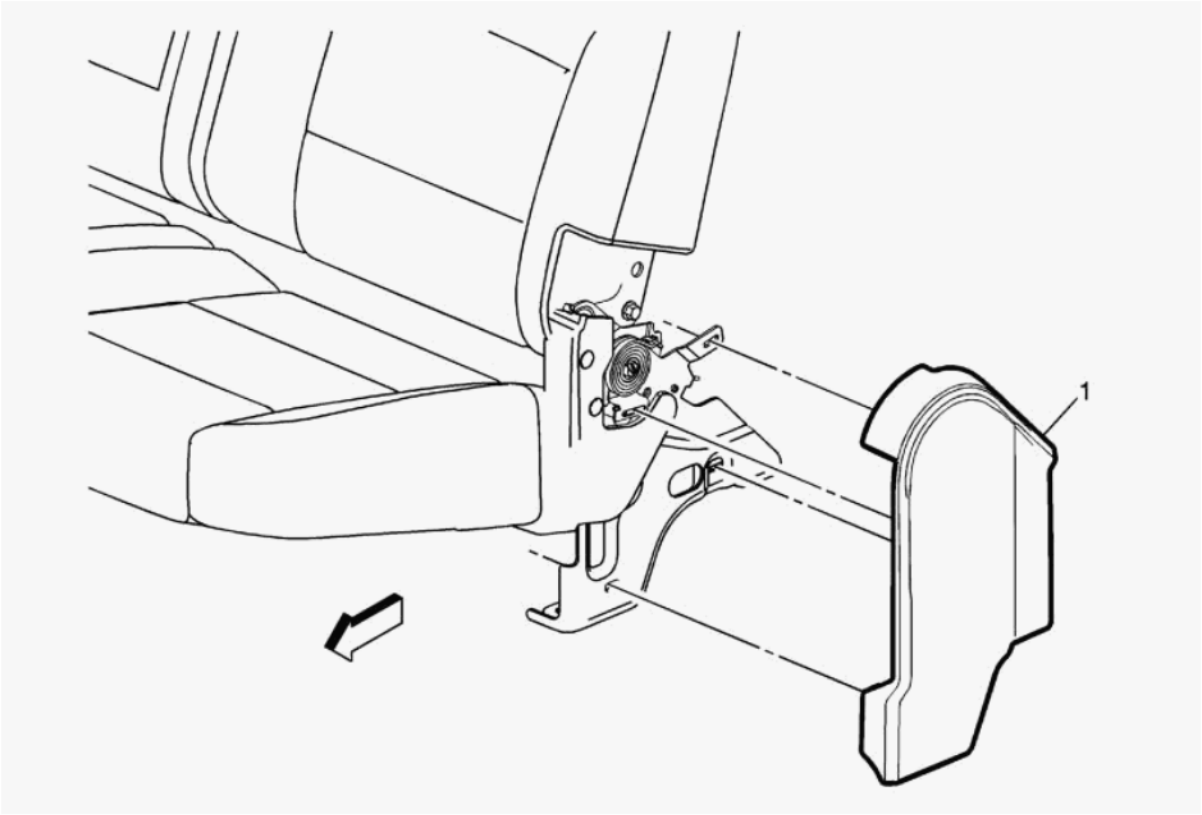


Fig. 75: Rear Seat Back Cushion Latch Cover (Crew Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Rear Seat Back Cushion Latch Cover **Procedure** Gently pull outward near the retainer clip locations to disengage the cover from the rear seat

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Callout	Component Name
	latch.

REAR SEAT BACK CUSHION FRAME REPLACEMENT (EXTENDED CAB WITH A68)

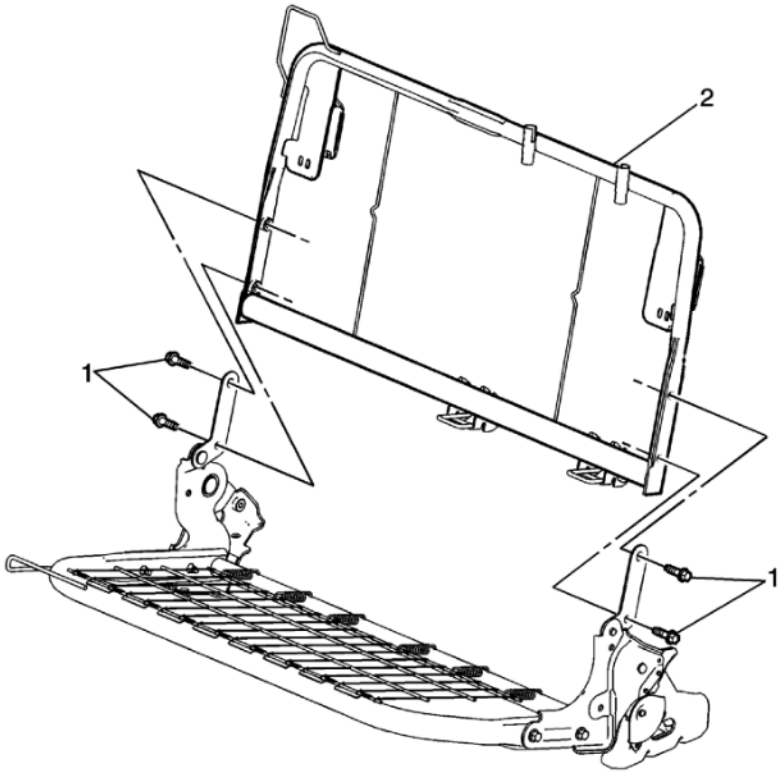


Fig. 76: Rear Seat Back Cushion Frame (Extended Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the rear seat back cover and pad. Refer to **Rear Seat Back Cushion Cover and Pad Replacement (Extended Cab with A68)**	
1	Rear Seat Back Cushion Frame Bolt (Qty: 4) **CAUTION:** **Refer to** **Fastener Caution** . **Tighten** 9 N.m (80 lb in)
2	Rear Seat Back Cushion Frame

REAR SEAT BACK CUSHION FRAME REPLACEMENT (CREW CAB WITH A68)

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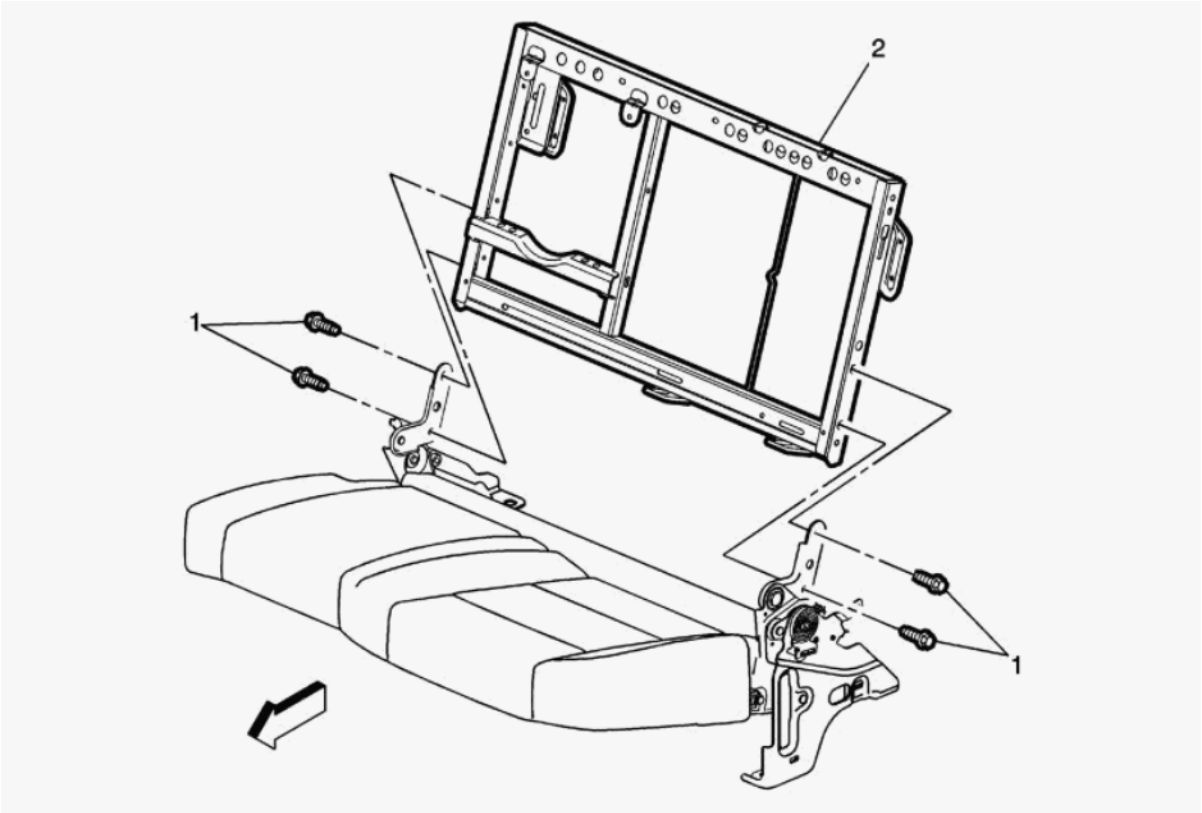


Fig. 77: Rear Seat Back Cushion Frame (Crew Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure 1. Remove the rear seat armrest support finish cover. Refer to. **Rear Seat Armrest Support Finish Cover Replacement (Crew Cab with A68)** 2. Remove the rear seat back cushion cover and pad. Refer to. **Rear Seat Back Cushion Cover and Pad Replacement (Crew Cab with A68)**	
1	Rear Seat Back Cushion Frame Bolts (Qty: 4) **CAUTION:** **Refer to** **Fastener Caution** . **Tighten** 9 N.m (80 lb in)
2	Rear Seat Back Cushion Frame **Procedure** 1. 60 percent seat shown, 40 percent seat similar. 2. Transfer components as necessary.

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REAR SEAT BACK CUSHION FRAME REPLACEMENT (EXTENDED CAB WITH AM7)

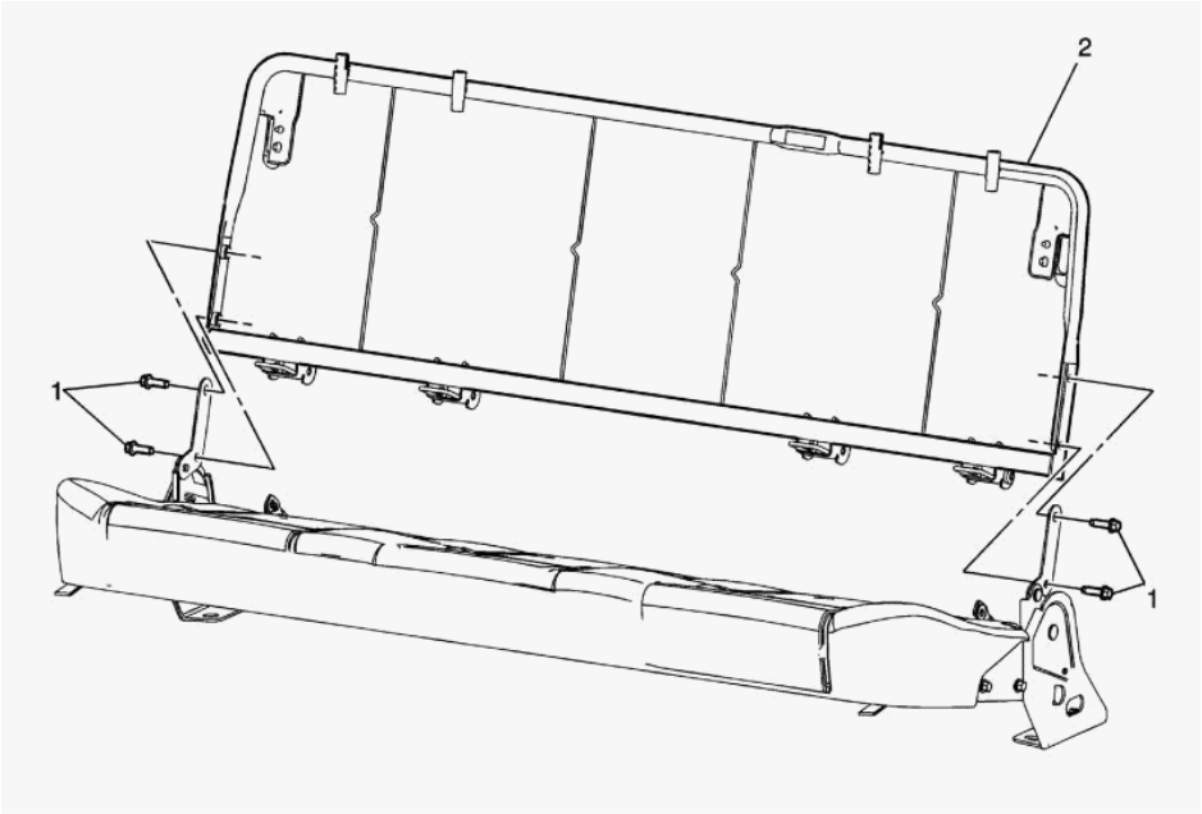


Fig. 78: Rear Seat Back Cushion Frame (Extended Cab with AM7)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. Remove the rear bench seat. Refer to **Rear Seat Removal and Installation (Extended Cab with AM7)**. 2. Remove the rear seat latch finish cover. Refer to **Rear Seat Latch Finish Cover Replacement (Crew Cab with A68)**. 3. Remove the rear seat head restraint. Refer to **Rear Seat Head Restraint Replacement**. 4. Remove the rear seat head restraint guides. Refer to **Rear Seat Head Restraint Guide Replacement**. 5. Remove the rear seat back cover and pad. Refer to **Rear Seat Back Cushion Cover and Pad Replacement (Extended Cab with AM7)**.	
1	Rear Seat Back Cushion Frame Bolt (Qty: 4) **CAUTION:** **Refer to Fastener Caution .** **Tighten**

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Callout	Component Name
	9 N.m (80 lb in)
2	Rear Seat Back Cushion Frame

REAR SEAT LATCH FINISH COVER REPLACEMENT (CREW CAB WITH A68)

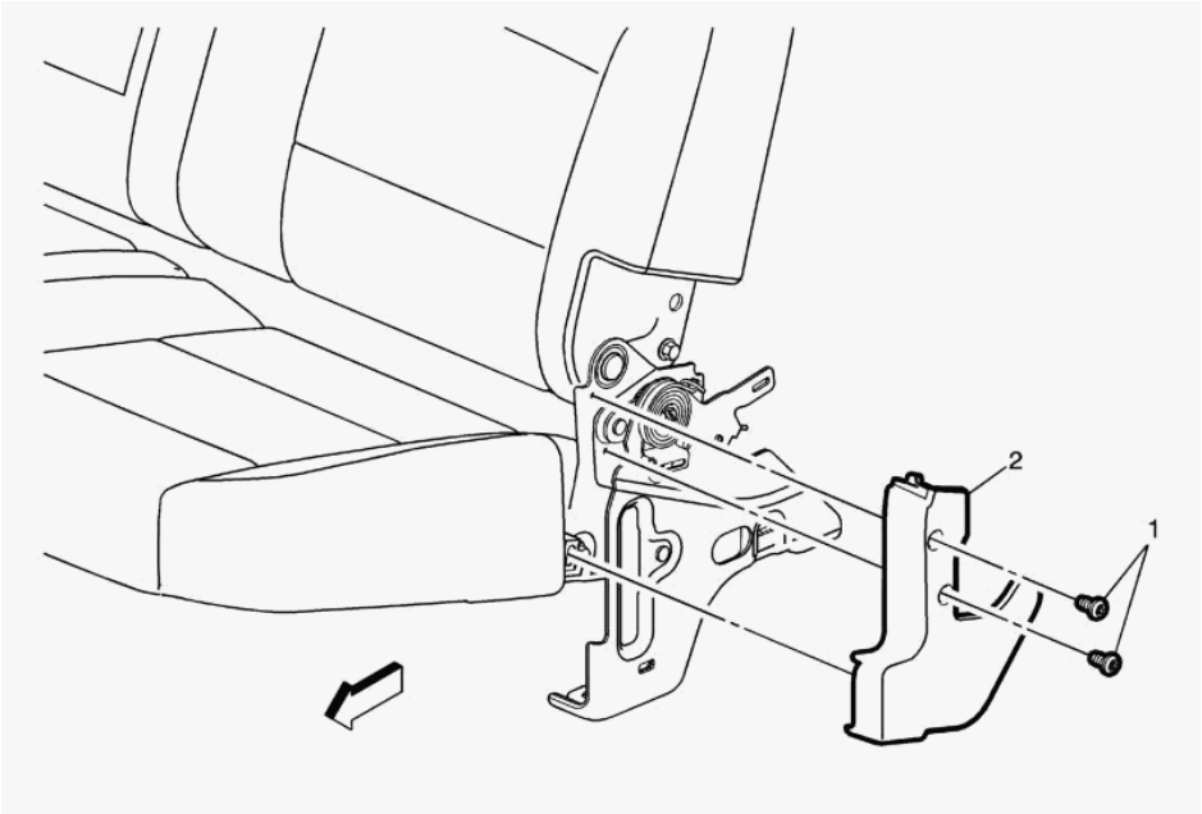


Fig. 79: Rear Seat Latch Finish Cover (Crew Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the rear seat back cushion latch cover. Refer to **Rear Seat Back Cushion Latch Cover Replacement (Crew Cab with A68)**.	
1	Rear Seat Latch Finish Cover Screw (Qty: 2) **CAUTION:** **Refer to** **Fastener Caution** .
2	Rear Seat Latch Finish Cover **Procedure** Gently pull outward near the retainer clip location to disengage the cover from the rear seat latch.

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SPECIFICATIONS

FASTENER SPECIFICATIONS

Reusable Threaded Fastener Tightening Specifications

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

Application	Specification Metric (English)
Driver or Passenger Seat Back Cushion Frame Bolt	50 N.m (37 lb ft)
Driver or Passenger Seat Bolt	45 N.m (33 lb ft)
Driver or Passenger Seat Cushion Frame Bolt	50 N.m (37 lb ft)
Front Center Seat Back Cushion Latch Nut	9 N.m (80 lb in)
Front Center Seat Bolt	45 N.m (33 lb ft)
Front Seat Armrest Bolt	9 N.m (80 lb in)
Front Seat Center Armrest Hinge Finish Cover Bolt	9 N.m (80 lb in)
Front Seat Center Armrest Screw	9 N.m (80 lb in)
Front Seat Cushion Center Cover Fastener	2.5 N.m (22 lb in)
Front Seat Cushion Center Pad Bolt	9 N.m (80 lb in)
Rear Center Seat Belt Anchor Nut	45 N.m (33 lb ft)
Rear Seat Armrest Bolt	9 N.m (80 lb in)
Rear Seat Assembly Nut	50 N.m (37 lb ft)
Rear Seat Back Cushion Frame Bolt	9 N.m (80 lb in)
Rear Seat Back Tether Bolt	9 N.m (80 lb in)
Rear Seat Belt Anchor Nut	50 N.m (37 lb ft)
Rear Seat Bolt	50 N.m (37 lb ft)
Rear Seat Cushion Frame Bolt	9 N.m (80 lb in)
Rear Seat Latch Bolt	9 N.m (80 lb in)
Rear Seat Nut	50 N.m (37 lb ft)

DIAGNOSTIC INFORMATION AND PROCEDURES

MANUAL SEAT ADJUSTER MECHANICAL DIAGNOSIS

Condition	Action
NOTE:	

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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.
The adjusters are new, not broken in.	Operate the seat to the fully forward and fully rearward positions several times in order to work the tightness out of the channels.
The adjusters are improperly lubricated.	Lubricate the adjuster channels.
The adjusters are bent or damaged.	Replace the adjusters.
The adjusters are binding.	Lubricate or replace the adjusters.
The seat components are loose, damaged, or broken.	Repair or replace the defective components.
The seat mounting bolts are loose.	Tighten the mounting bolts to specifications.
The adjuster lock bar spring is disconnected or broken.	Repair or replace the spring.
The adjuster lock bar is sticking or binding.	Lubricate the lock bar pivot or replace the adjuster.
The locking wire is too loose.	Tighten the locking wire.
The locking wire is disconnected or broken.	Repair or replace the locking wire.
The locking wire is too tight.	Loosen the locking wire.

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 **Fastener Specifications**.

MANUAL SEAT ADJUSTER DOES NOT LOCK

Problem	Action
The locking wire is too tight.	Loosen the locking wire.

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Problem	Action
The adjuster lock bar spring is disconnected or broken.	Repair or replace the spring.
The adjuster lock bar is sticking or binding.	Lubricate the lock bar pivot or replace the adjuster.

MANUAL SEAT ADJUSTER DOES NOT UNLOCK

Problem	Action
The locking wire is too loose.	Tighten the locking wire.
The locking wire is disconnected or broken.	Repair or replace the locking wire.
The adjuster lock bar is sticking or binding.	Lubricate the lock bar pivot.

MANUAL SEAT ADJUSTER LOCKS BETWEEN LOCK POSITIONS

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

SEATS - ADJUSTER TRACK LOCKS AHEAD OF OTHER TRACK

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

REPAIR INSTRUCTIONS

DRIVER OR PASSENGER SEAT REMOVAL AND INSTALLATION

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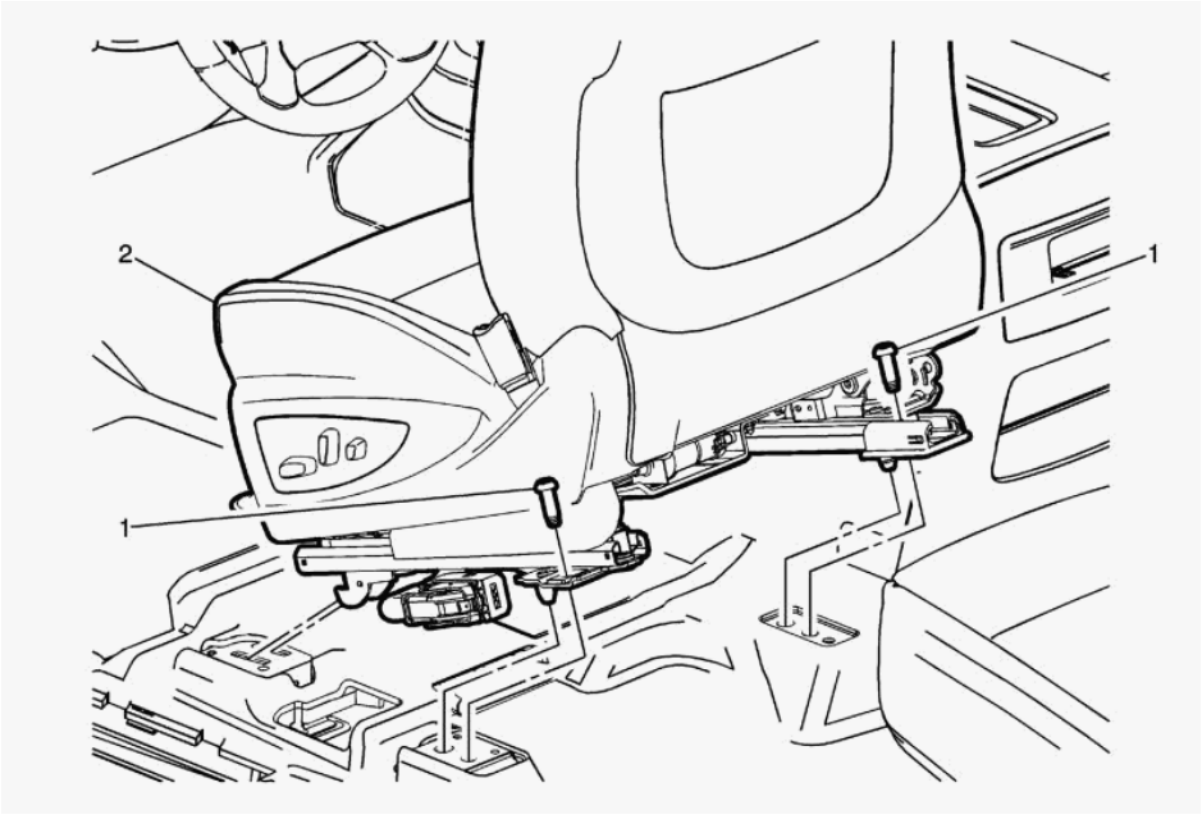


Fig. 1: Driver or Passenger Seat
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
WARNING: **Refer to SIR Warning .** **Preliminary Procedure** 1. Disable the SIR system. Refer to **SIR Disabling and Enabling** . 2. 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 adjuster finish cover. Refer to **Driver or Passenger Seat Adjuster Finish Cover Replacement**.	
1	Driver or Passenger Seat Bolt (Qty: 2) **CAUTION:** **Refer to Fastener Caution .** **Procedure**

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Callout	Component Name
	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 **Control Module References**

FRONT CENTER SEAT REMOVAL AND INSTALLATION (EXCEPT HP5)

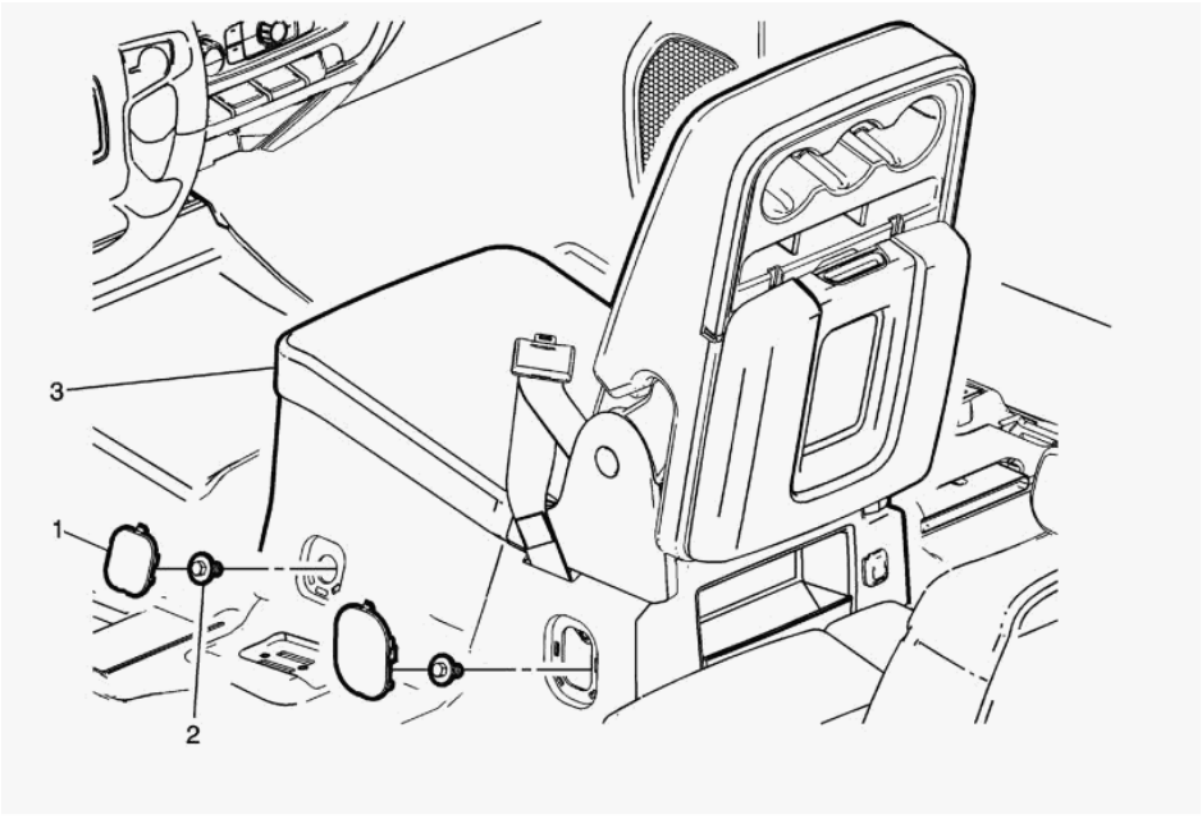


Fig. 2: Front Center Seat (Except HP5)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the driver and passenger seats. Refer to **Driver or Passenger Seat Removal and Installation**.	
1	Front Center Seat Stanchion Cover (Qty: 4)
2	Front Center Seat Bolt (Qty: 4)

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Callout	Component Name
	CAUTION: **Refer to** **Fastener Tightening Caution** . 45 N.m (33 lb ft)
3	Front Center Seat Assembly **Procedure** Disconnect the electrical connector.

FRONT CENTER SEAT REMOVAL AND INSTALLATION (HP5)

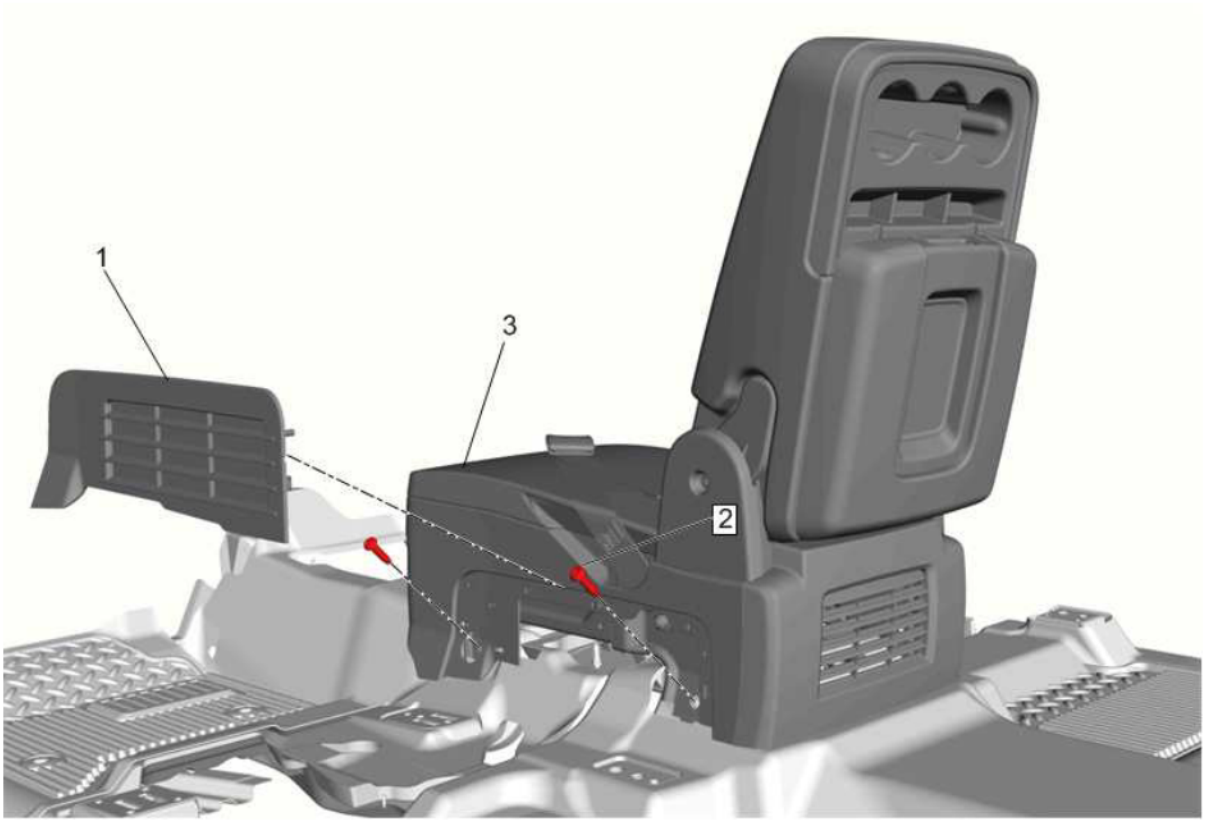


Fig. 3: Front Center Seat (HP5)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure 1. Disable the high voltage system. **High Voltage Disabling** 2. **Driver or Passenger Seat Removal and Installation**	
1	Front Floor Console Grille
2	Front Center Seat Bolt **CAUTION:**

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Callout	Component Name
	Refer to Fastener Caution . **Tighten** 45 N.m (33 lb ft)
3	Front Center Seat **Procedure** 1. Disconnect the electrical connector. 2. Enable the high voltage system. High Voltage Disabling

DRIVER OR PASSENGER SEAT INNER ADJUSTER FRONT FINISH COVER REPLACEMENT

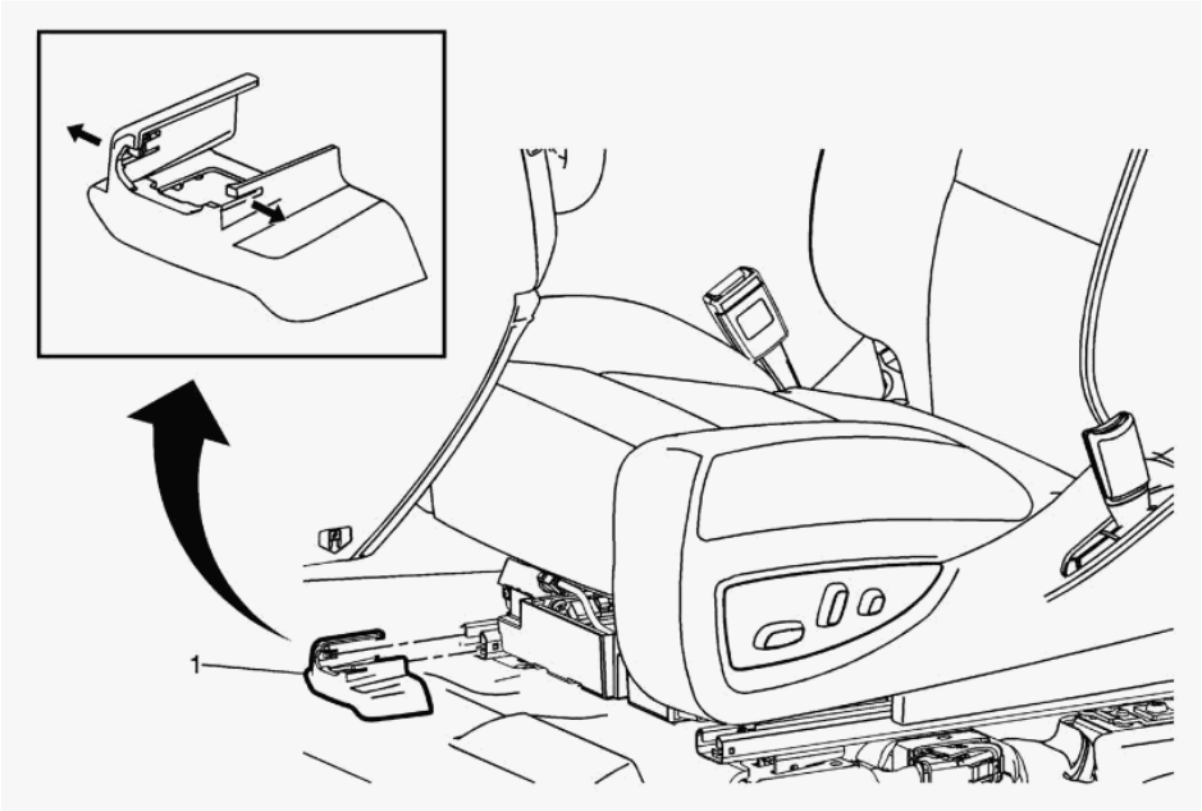


Fig. 4: Driver or Passenger Seat Inner Adjuster Front Finish Cover
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Driver or Passenger Seat Inner Adjuster Front Finish Cover **CAUTION:** **Do not twist the cover**

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Callout	Component Name
	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 disengage it from the seat track.

DRIVER OR PASSENGER SEAT INNER ADJUSTER REAR FINISH COVER REPLACEMENT

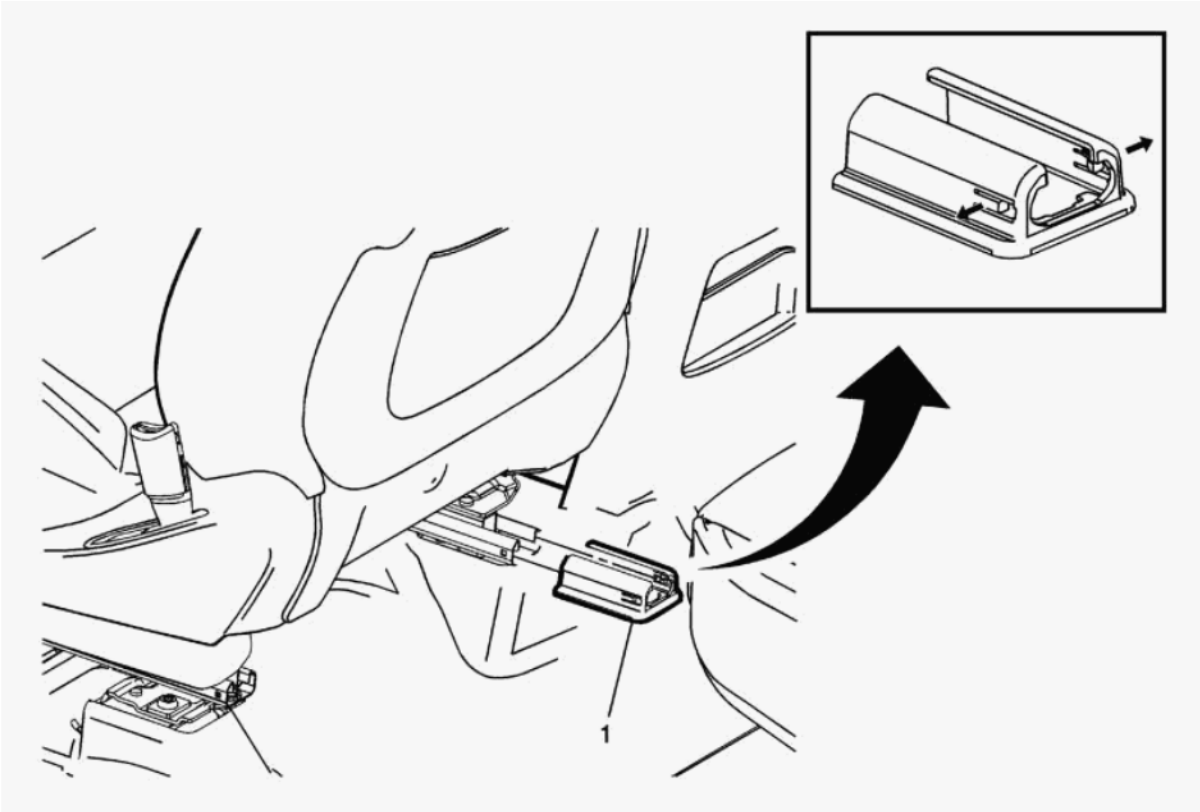


Fig. 5: Driver Or Passenger Seat Inner Adjuster Rear Finish Cover
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Driver or Passenger Seat Inner Adjuster Rear Finish Cover **CAUTION:**

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Callout	Component Name
	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 **Driver or Passenger Seat Removal and Installation**

FRONT SEAT ADJUSTER REAR FINISH COVER REPLACEMENT

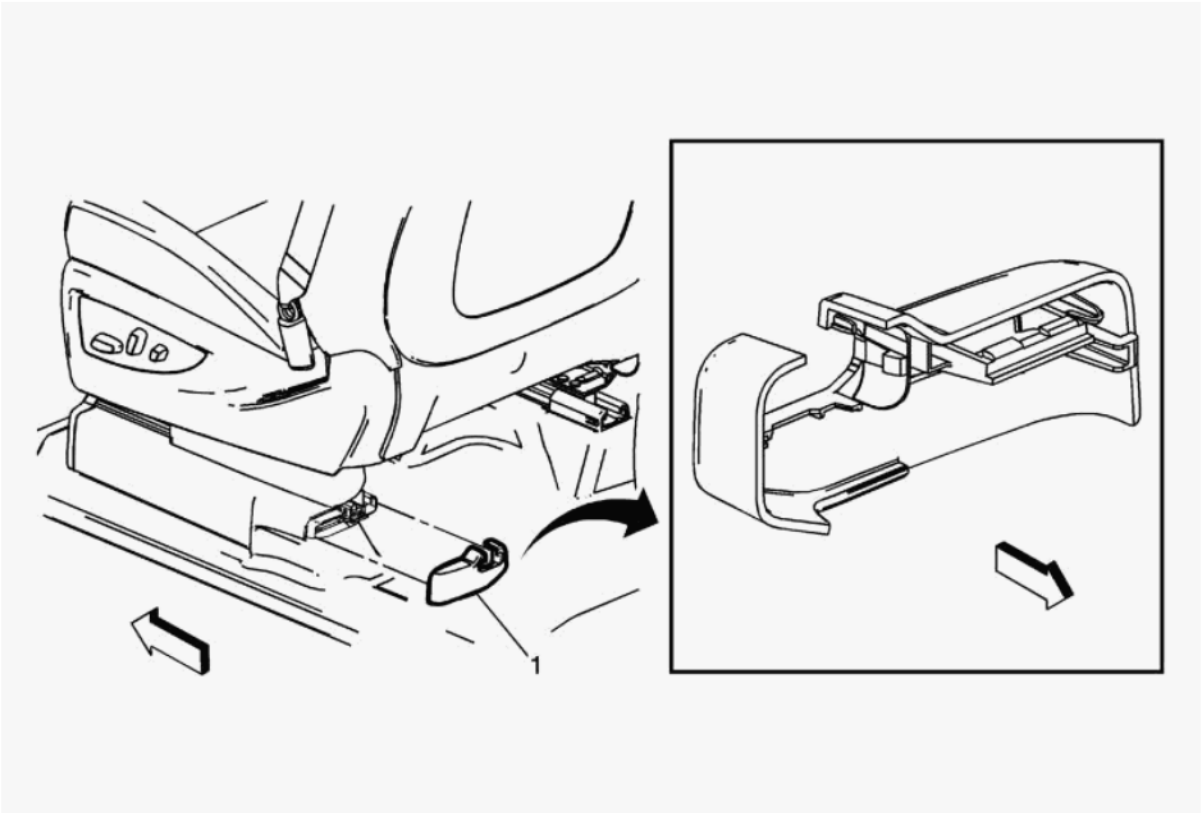


Fig. 6: Front Seat Adjuster Rear Finish Cover
Courtesy of GENERAL MOTORS COMPANY

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Callout	Component Name
1	Front Seat 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 finish cover. 2. Firmly grasp the finish cover, pulling rearward to disengage it from the seat track.

FRONT SEAT ADJUSTER KNOB REPLACEMENT (8 WAY POWER)

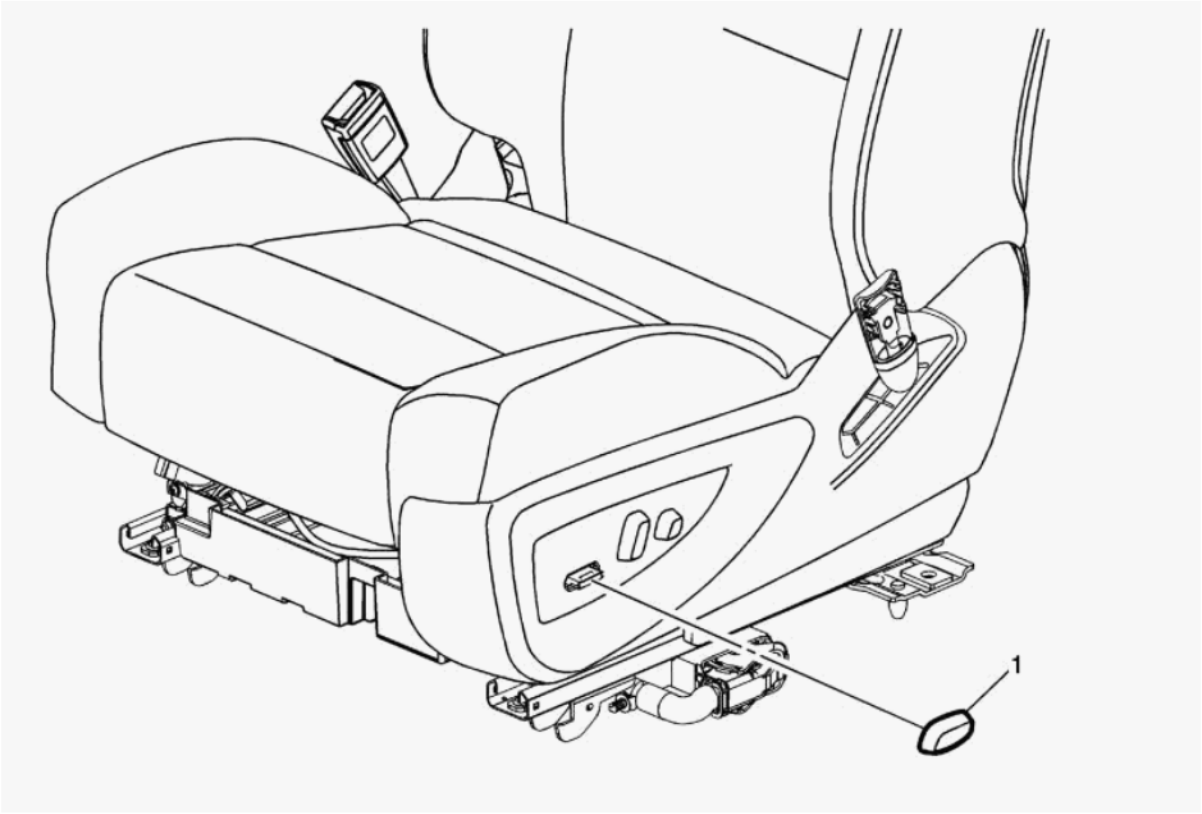


Fig. 7: Front Seat Adjuster Knob (8-Way Power)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Front Seat Adjuster Knob **Procedure**

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

DRIVER OR PASSENGER SEAT ADJUSTER HANDLE REPLACEMENT (2 WAY MANUAL)

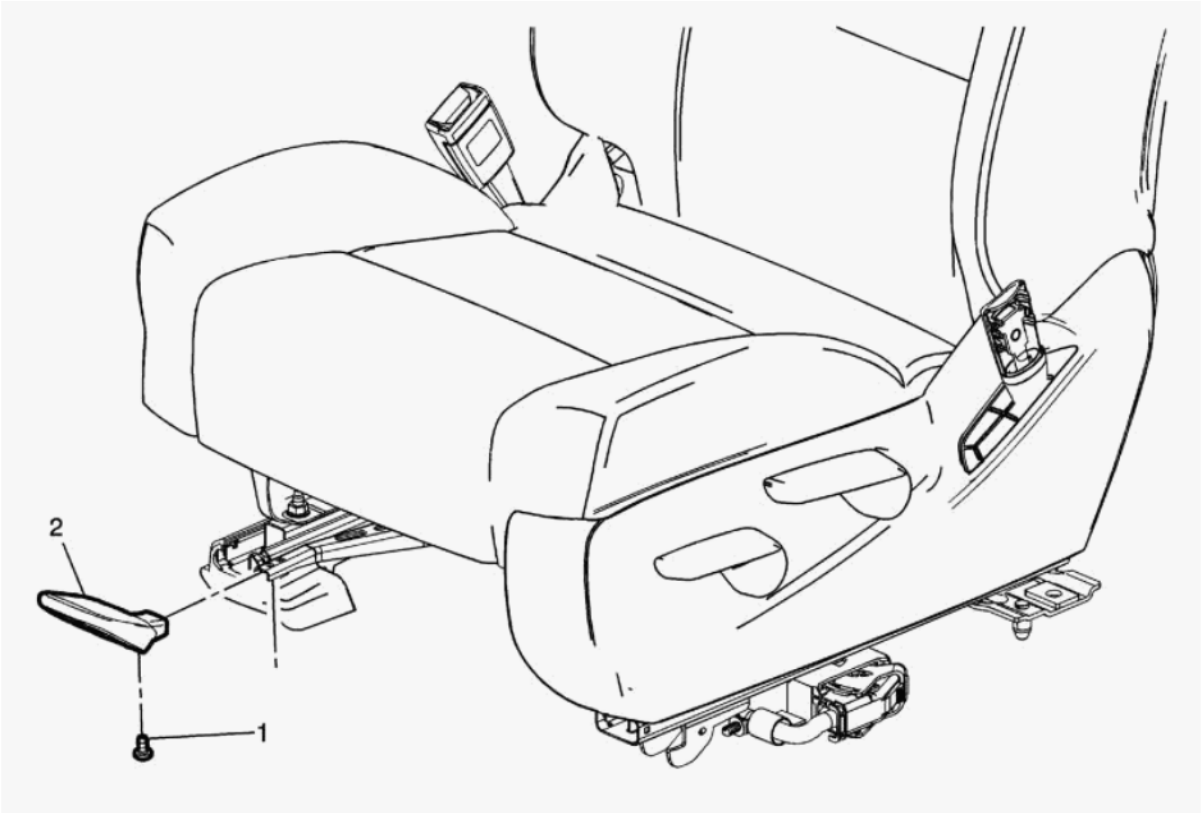


Fig. 8: Driver or Passenger Seat Adjuster Handle (2 Way Manual)
Courtesy of GENERAL MOTORS COMPANY

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

FRONT SEAT ADJUSTER SWITCH BRACKET REPLACEMENT

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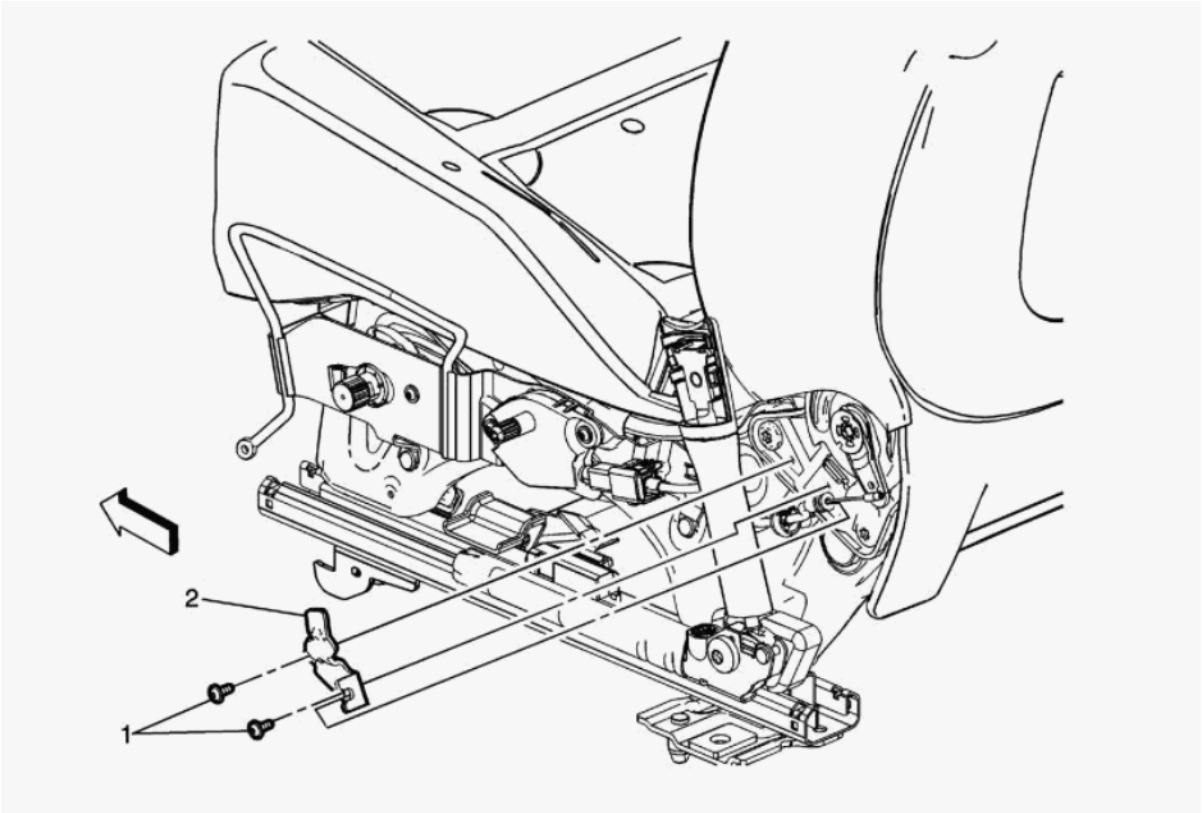


Fig. 9: Front Seat Adjuster Switch Bracket
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the front seat cushion outer finish cover. Refer to **Front Seat Cushion Outer Finish Cover Replacement (8 Way Power)Front Seat Cushion Outer Finish Cover Replacement (2 Way Manual)**.	
1	Front Seat Adjuster Switch Bracket Screw (Qty: 2) **CAUTION:** **Refer to Fastener Caution .**
2	Front Seat Adjuster Switch Bracket **Procedure** Detach the recliner cable from the adjuster switch bracket.

FRONT SEAT ADJUSTMENT (MANUAL RECLINER)

Adjustment Procedure

WARNING: Refer to SIR Warning .

1. For the seat inspection, determine if the front driver and passenger seats are 8-way power seats or 2-way manual seats. Perform the seat inspection on seats equipped with the 2-way manual recliner option by proceeding to the next steps.
2. It is important to ensure that the recliners are fully locked when adjusting the cable.

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3. To ensure the recliners are fully locked follow steps. Lift the recliner handle and allow the seatback to come to the full forward position (Caution: seatback may come forward forcefully.) Release the recliner handle and gently push the seatback rearward until it locks in its first position. Shake the seatback forward and rearward at least 3 times to verify it is fully locked. Make sure the recliner lever is not moved/bumped/nudged out of position during the adjustment process.

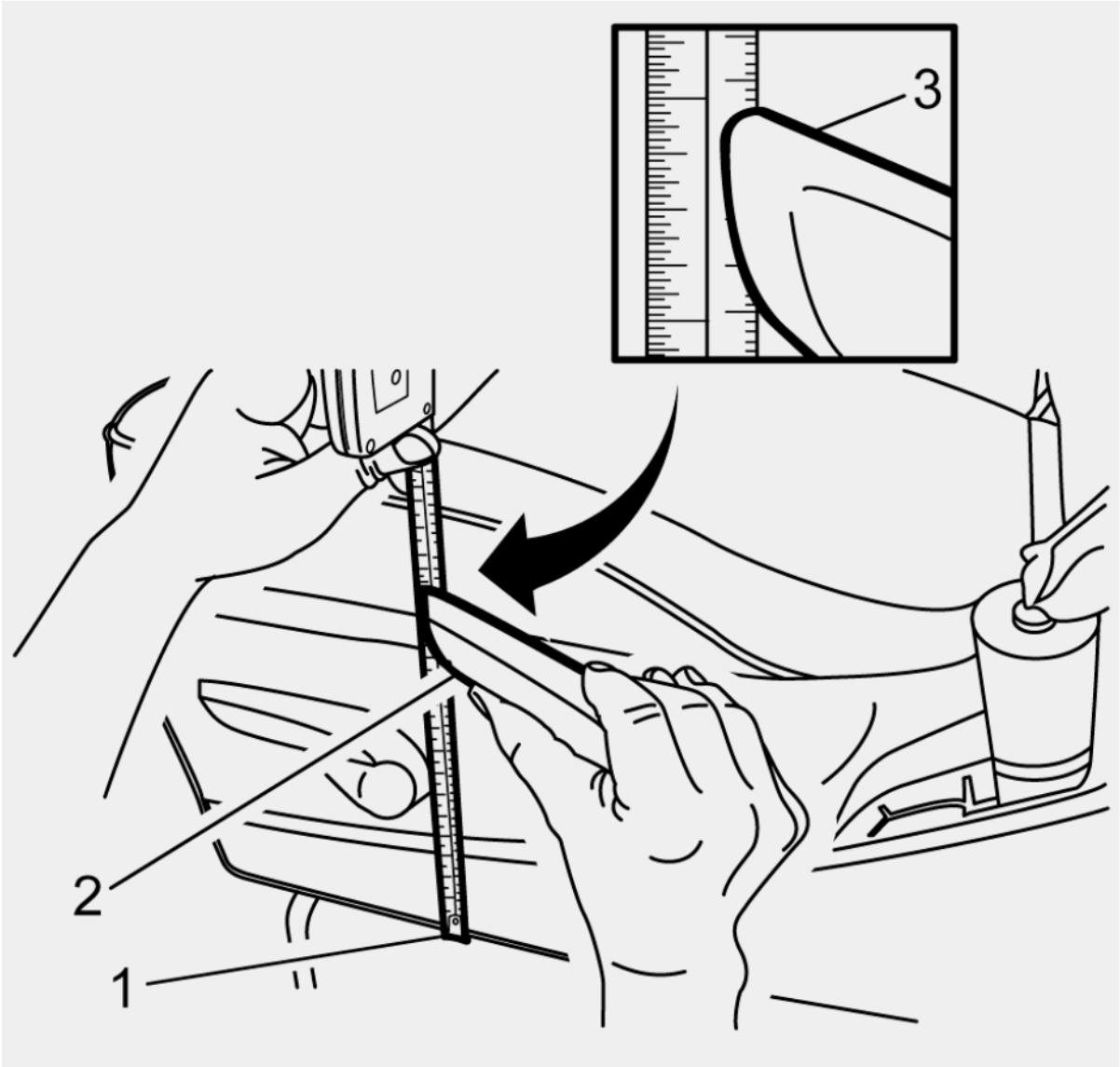


Fig. 10: Measuring Travel Of Recliner Handle
Courtesy of GENERAL MOTORS COMPANY

4. Using a tape measure, measure the travel of the recliner handle.
5. Route the tape measure from the bottom of the front seat cushion outer finish cover (1) upward and behind the recliner handle (2) as shown in the illustration.
6. Ensure your sight line is eye level with the tape measure and recliner handle.
7. Turn the recliner handle upward to the top position of the handle.
8. Measure where the top of the handle (3) intersects with the measuring tape.
9. If the seatback moves BEFORE 202 mm (7.95 in), proceed to step 11.
10. If the seatback does NOT move before the top of the recliner handle reaches the 202 mm (7.95 in) specification, no further action is required.

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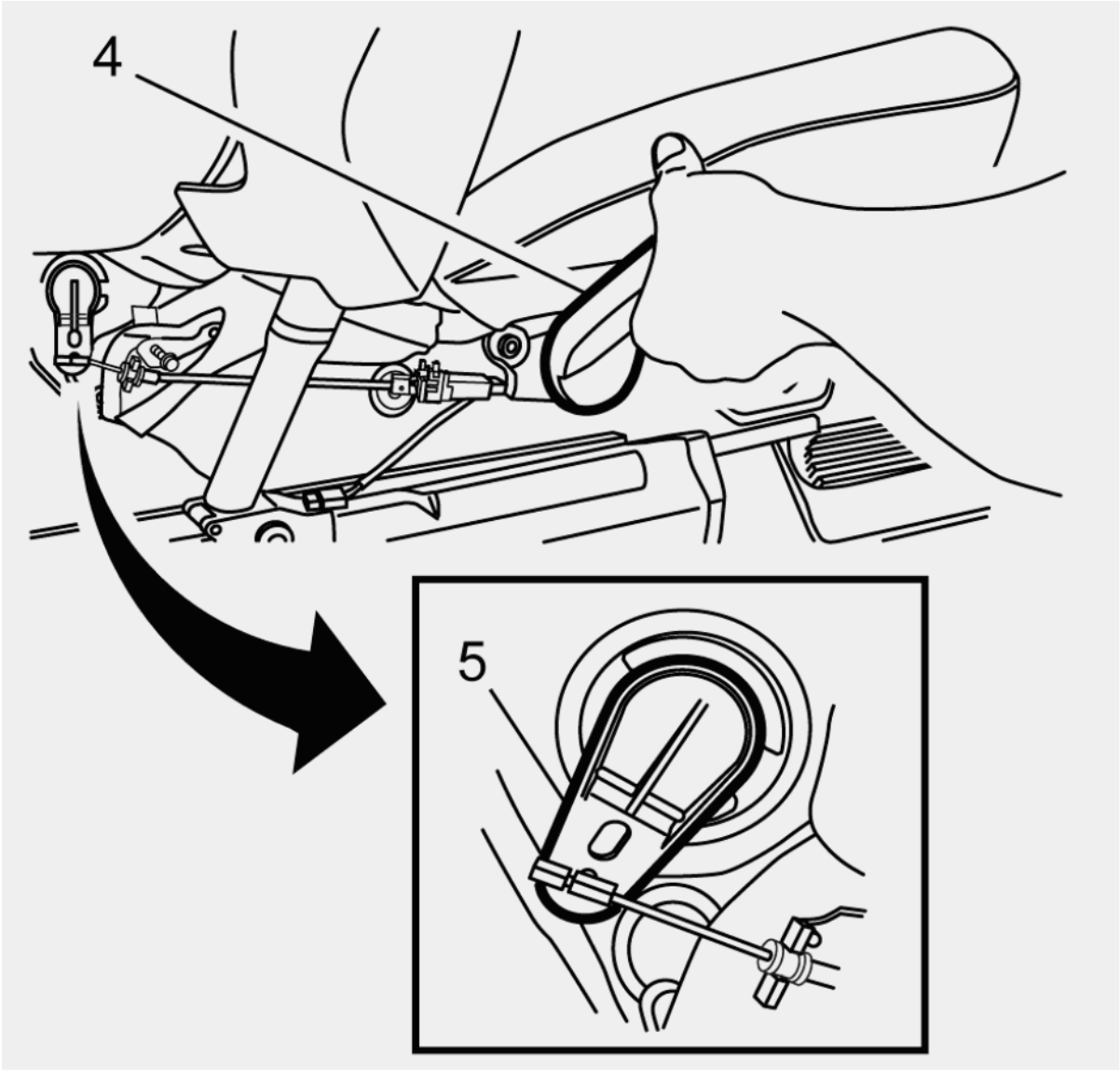


Fig. 11: Recliner Lever
Courtesy of GENERAL MOTORS COMPANY

11. For the recliner and cable adjustment, It is important to ensure that the recliners are fully locked when adjusting the cable. To ensure the recliners are fully locked follow steps.
12. Lift the recliner handle (5) and allow the seatback to come to the full forward position (Caution: seatback may come forward forcefully.)
13. Release the recliner handle and gently push the seatback rearward until it locks in its first position.
14. Shake the seatback forward and rearward at least 3 times to verify it is fully locked.
15. Make sure the recliner lever (4) is not moved/bumped/nudged out of position during the adjustment process.
16. Remove the front seat cushion outer finish cover. Refer to **Front Seat Cushion Outer Finish Cover Replacement (2 Way Manual)**.
17. If the driver seat is equipped with the manual lumbar option. Refer to **Driver or Passenger Seat Lumbar Support Replacement (2 Way Manual)**.

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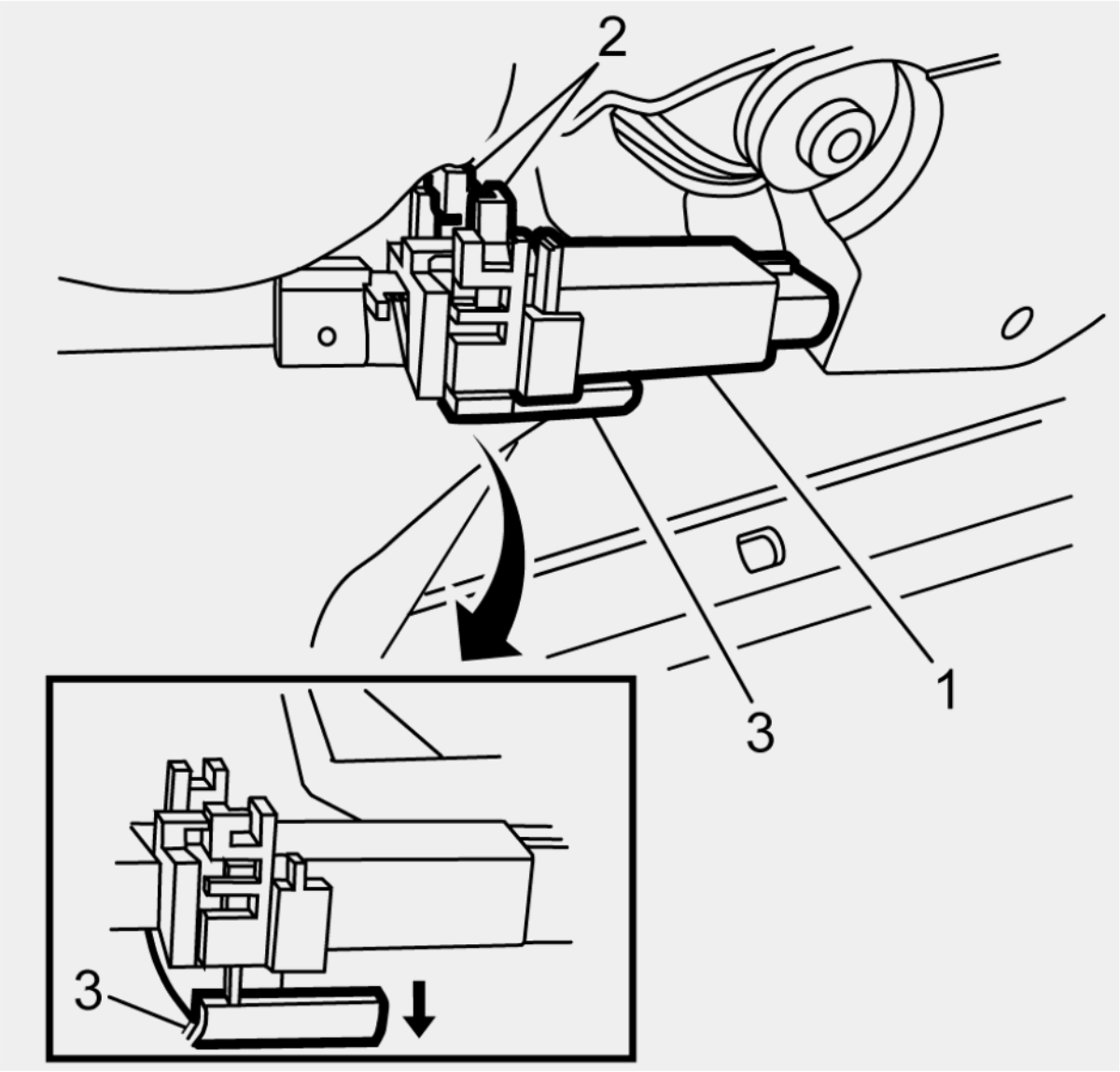


Fig. 12: Recliner Cable Adjuster Tabs And Recliner Cable Adjuster Pad
Courtesy of GENERAL MOTORS COMPANY

18. Locate the recliner cable adjuster (1).
19. Squeeze the recliner cable adjuster tabs (2) and push on the recliner cable adjuster pad (3) to unlock the recliner cable adjuster (1). Unlocking the adjuster will permit the cable to be adjusted.

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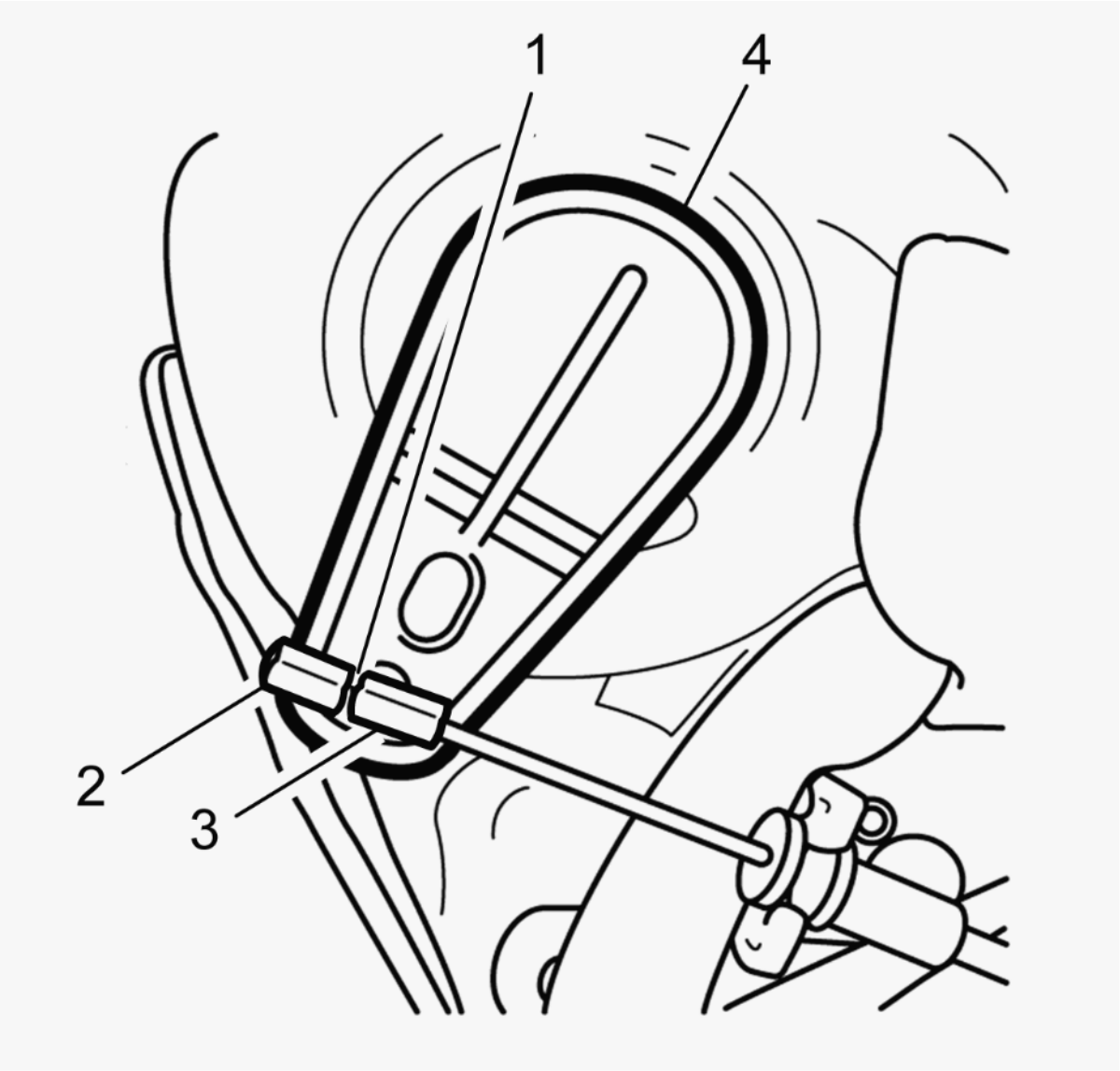


Fig. 13: Adjusting Play In Cable
Courtesy of GENERAL MOTORS COMPANY

20. Insert a dime into the cable end gap (1).
21. While holding the dime in place, adjust the play in the cable so the ferrule (2), the dime and the Z-fitting (3) are gently touching. Make sure the recliner lever (4) is not moved/bumped/nudged out of position during the adjustment process.

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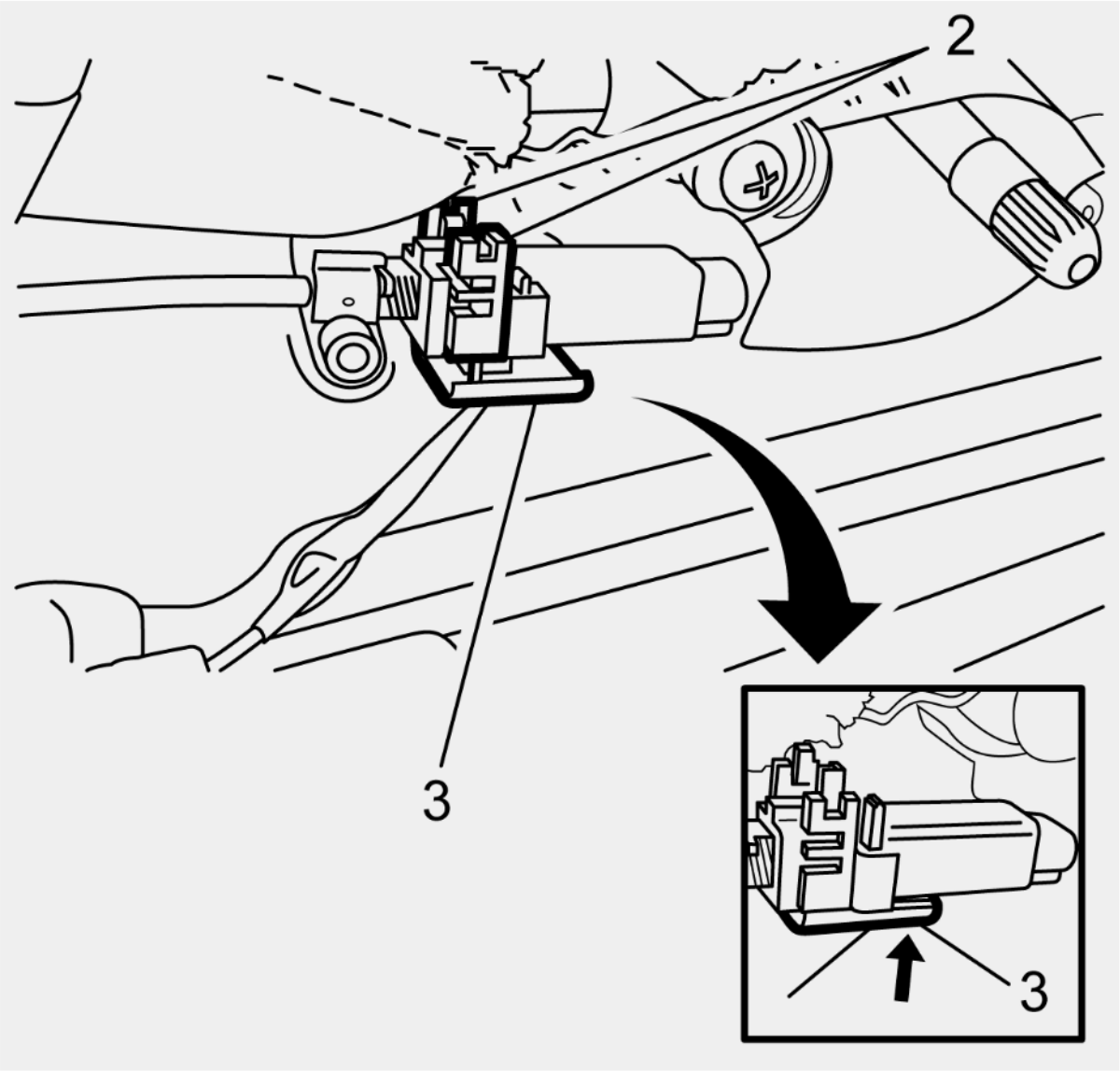


Fig. 14: Recliner Cable Adjuster Pad And Recliner Cable Adjuster
Courtesy of GENERAL MOTORS COMPANY

22. Push the recliner cable adjuster pad (3) to lock the recliner cable adjuster (2). Remove the dime. The adjusting process is now complete.
23. Note: The cable end gap may increase or decrease a small amount once the recliner cable adjuster is placed in the lock position.

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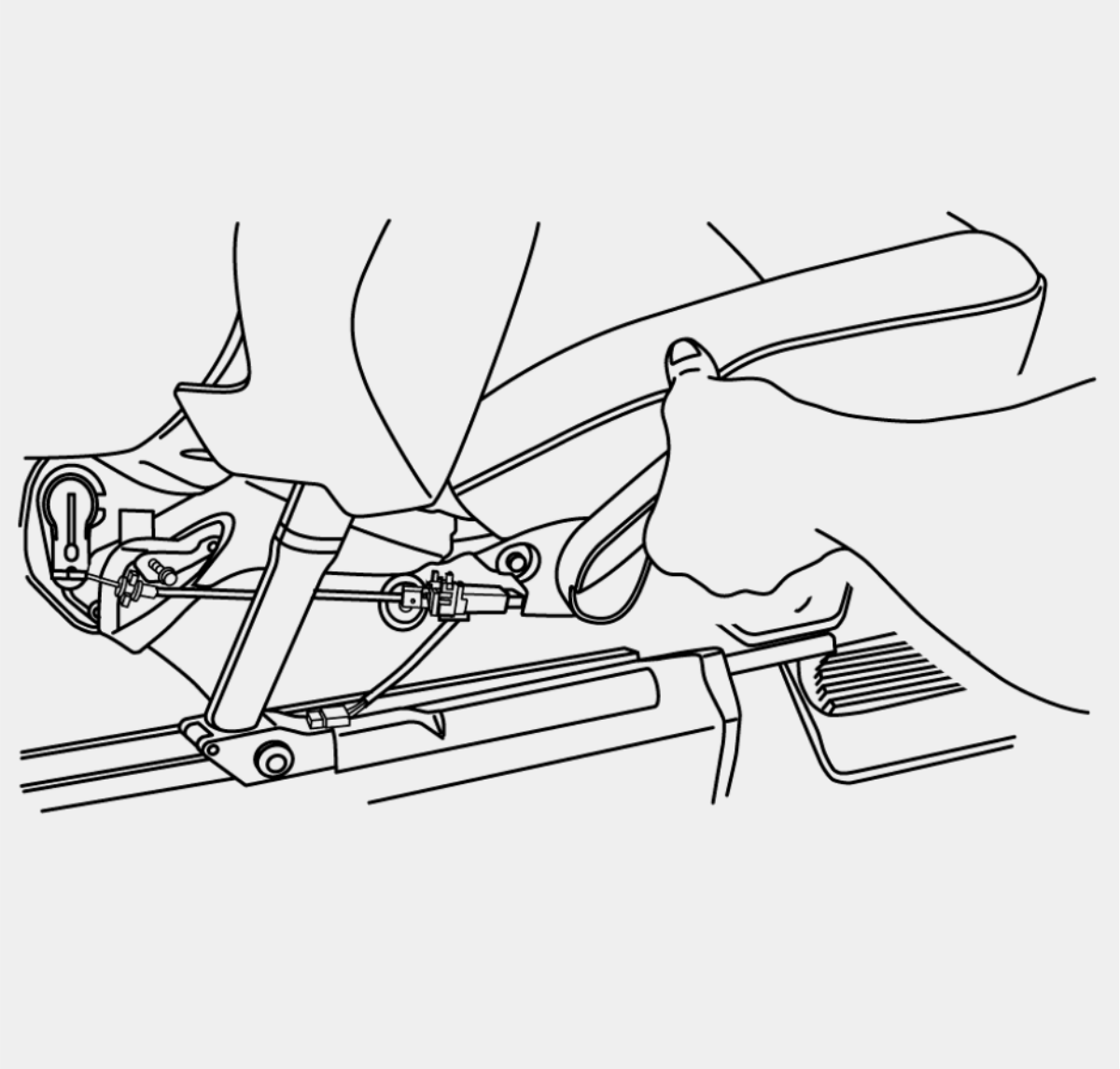


Fig. 15: Lifting Recliner Handle
Courtesy of GENERAL MOTORS COMPANY

24. Verify the cable adjustment was successful: Temporarily place recliner handle onto the recline spline and lift the recliner handle and allow the seatback to come to the full forward position.
25. Using caution so the seatback doesn't come forward forcefully, release the recliner handle.
26. Gently push the seatback rearward until it locks in its first position.
27. Shake the seatback forward and rearward at least 3 times to verify it is fully locked. There should be no movement of the seatback beyond a small amount of lash, and no ratcheting sound.
28. If the seat did NOT remain locked in position, go back and re-adjust the recliner cable.
29. To perform the final verification lift the recliner handle and adjust the seat back to a reclined position.
30. Release the recliner handle.
31. Grab both sides of the top of the seat and push rearward, then pull forward and then push rearward again to verify the seatback is fully locked. There should be no movement of the seatback beyond a small amount of lash, and no ratcheting sound.
32. Push the outboard top corner of the seat back rearward firmly.
33. Push the inboard top corner of the seat back rearward firmly.

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34. There should be no movement of the seatback beyond a small amount of lash, and no ratcheting sound.
35. There must be clearance between the ferrule and Z-fitting. The cable must not have tension.
36. If there was movement of one or both sides of the seat or a ratcheting sound, or no clearance between the ferrule and the Z-fitting, go back and re-adjust the recliner cable.
37. Install the front seat cushion outer finish cover. Refer to **Front Seat Cushion Outer Finish Cover Replacement (2 Way Manual)**.

FRONT SEAT ARMREST LID REPLACEMENT

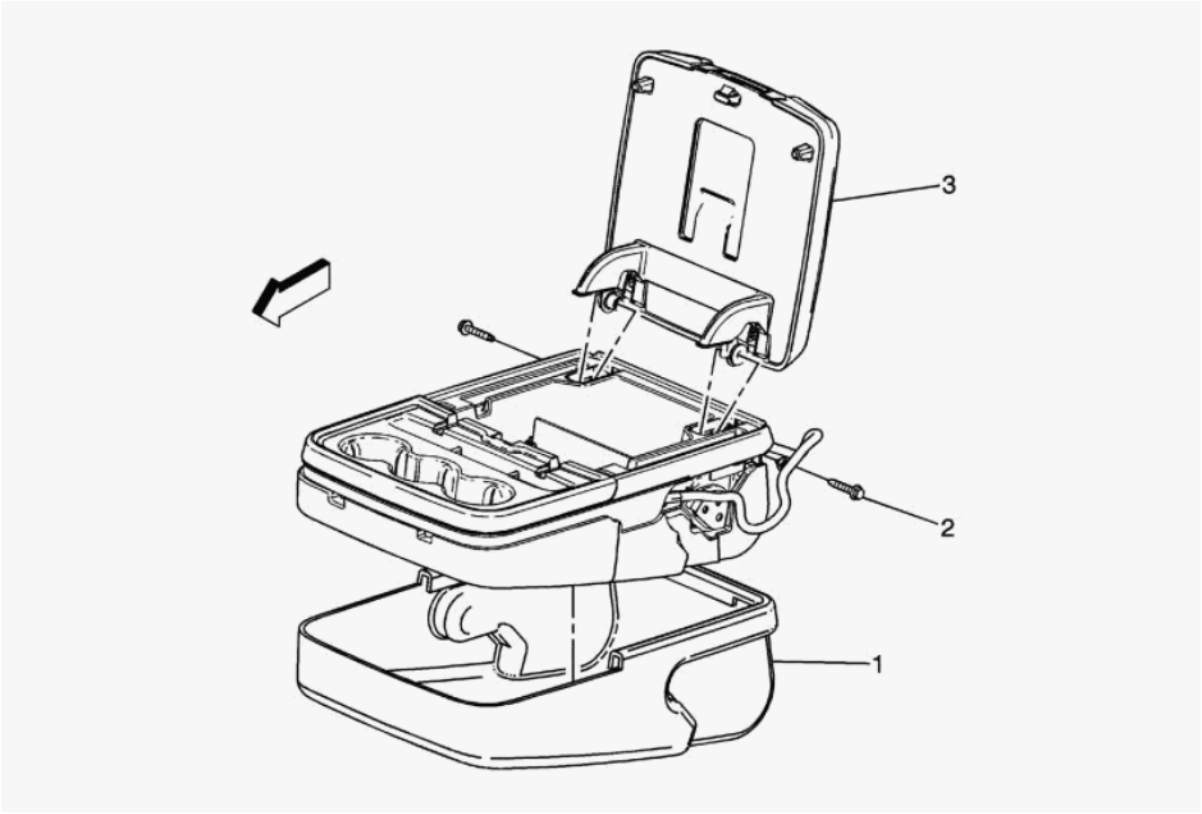


Fig. 16: Front Seat Armrest Lid
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the front seat center armrest. Refer to **Front Seat Center Armrest Replacement**.	
1	Front Seat Armrest Lower
2	Front Seat Armrest Bolt (Qty: 2) **CAUTION:** **Refer to Fastener Caution .** **Tighten** 9 N.m (80 lb in)

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Callout	Component Name
3	Front Seat Armrest Lid **Procedure** When replacing the armrest lid with a new unit, transfer components as necessary.

DRIVER OR PASSENGER SEAT HEAD RESTRAINT REPLACEMENT

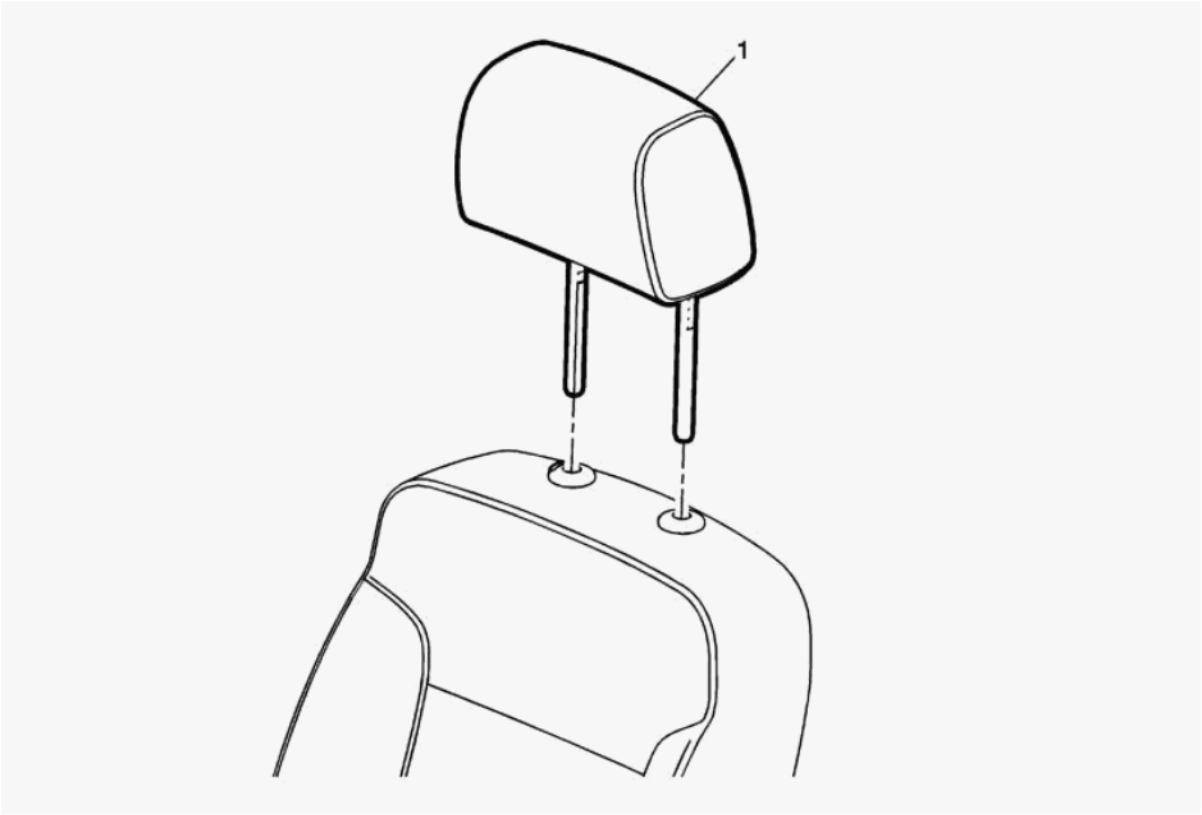


Fig. 17: Driver or Passenger Seat Head Restraint
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Driver or Passenger Seat Head Restraint **Procedure** 1. Lower the seat back 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.

DRIVER OR PASSENGER SEAT HEAD RESTRAINT GUIDE REPLACEMENT

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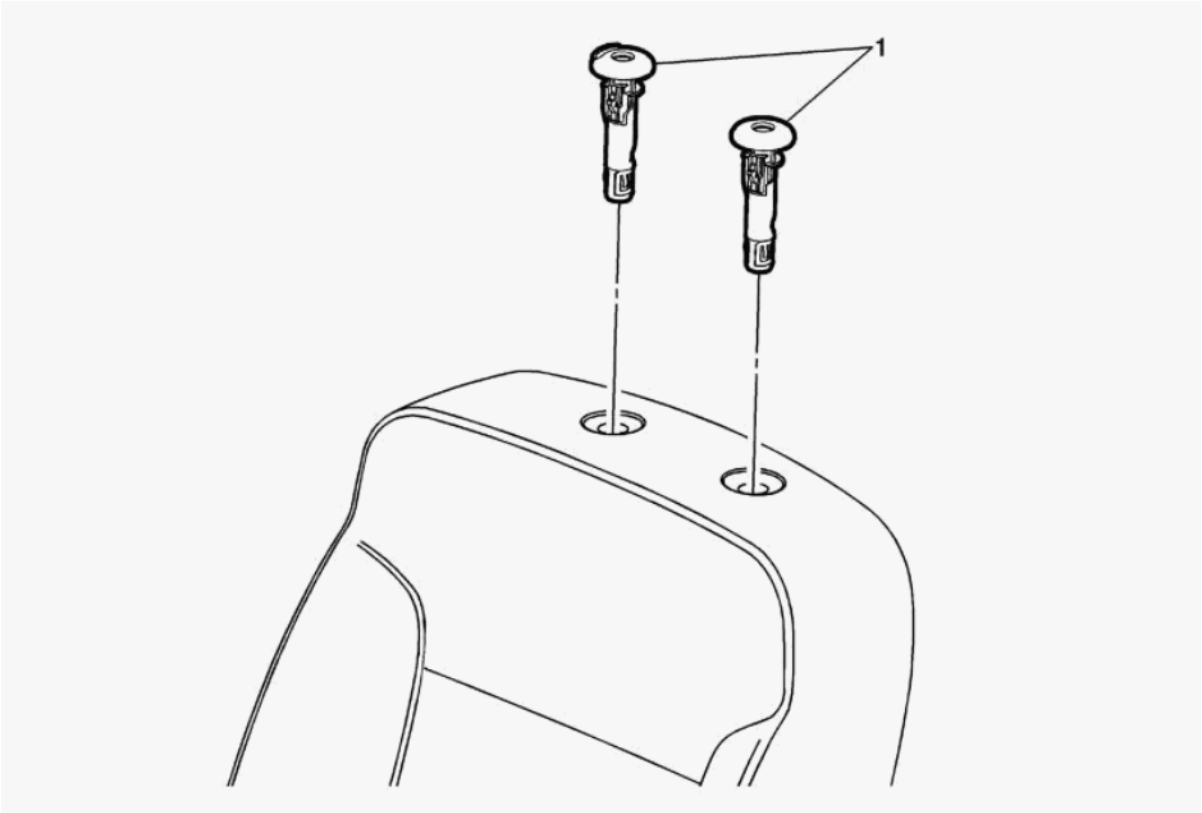


Fig. 18: Driver or Passenger Seat Head Restraint Guide
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the rear seat head restraint. Refer to **Driver or Passenger Seat Head Restraint Replacement**.	
1	Driver or Passenger Seat Head Restraint Guide (Qty: 2) **Procedure** 1. Lower the seat back 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.

FRONT SEAT HEAD RESTRAINT GUIDE BEZEL REPLACEMENT

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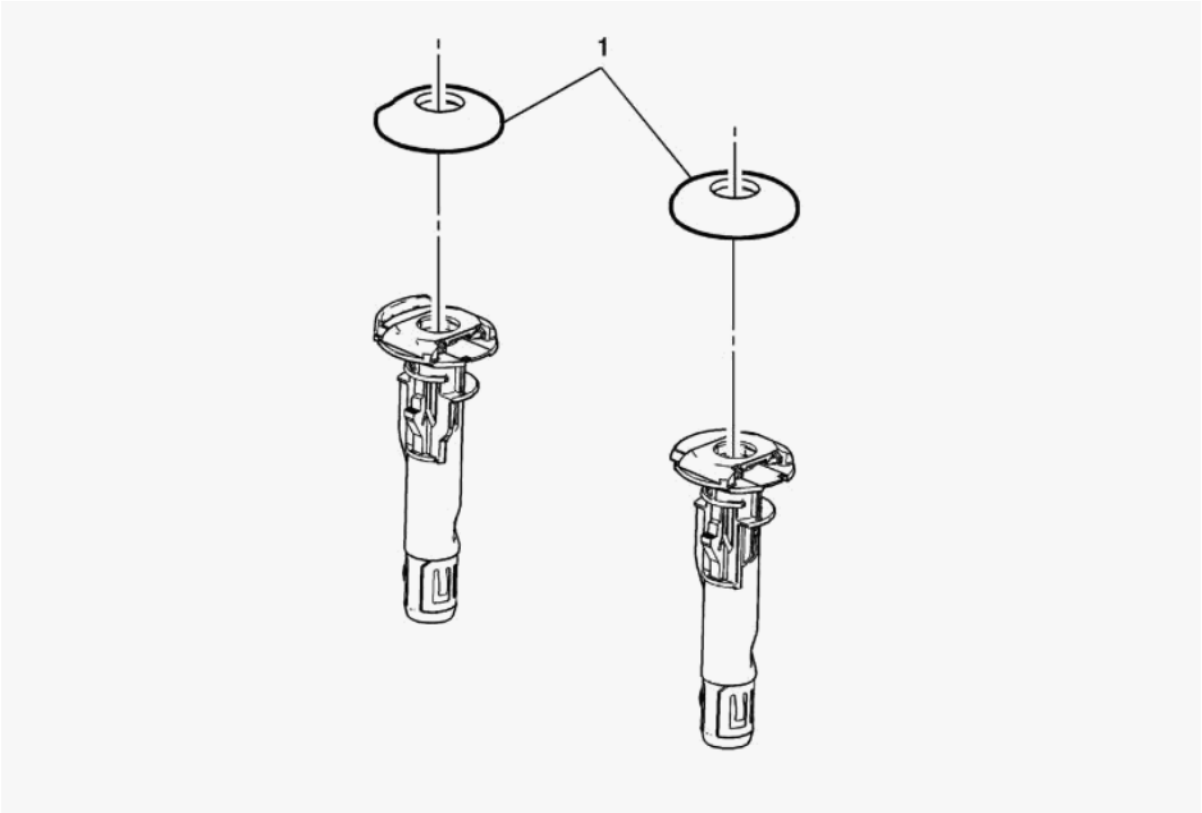


Fig. 19: Front Seat Head Restraint Guide Bezel
Courtesy of GENERAL MOTORS COMPANY

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

FRONT SEAT BELT ANCHOR PLATE TENSIONER COVER REPLACEMENT

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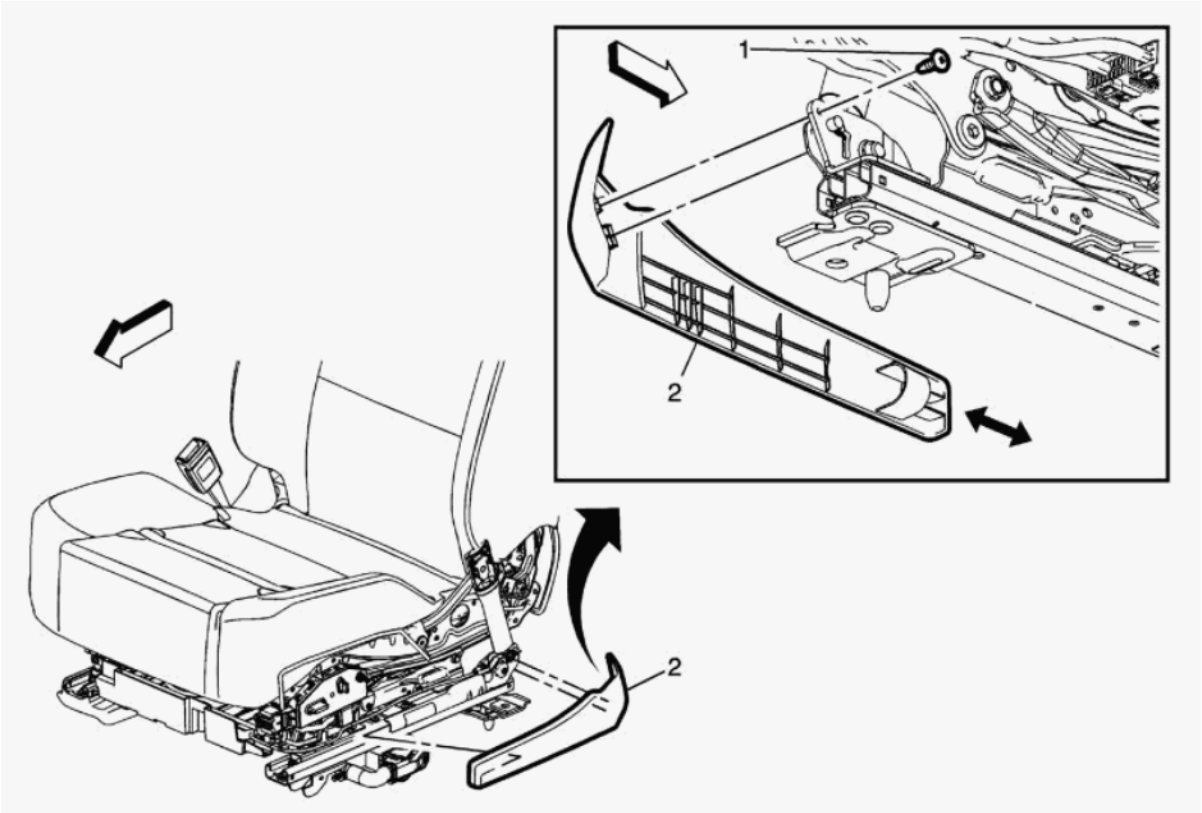


Fig. 20: Front Seat Belt Anchor Plate Tensioner Cover
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the front seat cushion outer finish cover. Refer to **Front Seat Cushion Outer Finish Cover Replacement (8 Way Power)Front Seat Cushion Outer Finish Cover Replacement (2 Way Manual)**.	
1	Front Seat Belt Anchor Plate Tensioner Cover Screw **CAUTION:** **Refer to** **Fastener Caution** . **Procedure** Raise the seat to the highest seat position.
2	Front Seat Belt Anchor Plate Tensioner Cover **Procedure** 1. Disengage the seat tensioner wiring harness from the cover. 2. Release the rear tab of the cover from the seat track. 3. Slide the finish cover forward off the tensioner rod.

DRIVER OR PASSENGER SEAT ADJUSTER FINISH COVER REPLACEMENT

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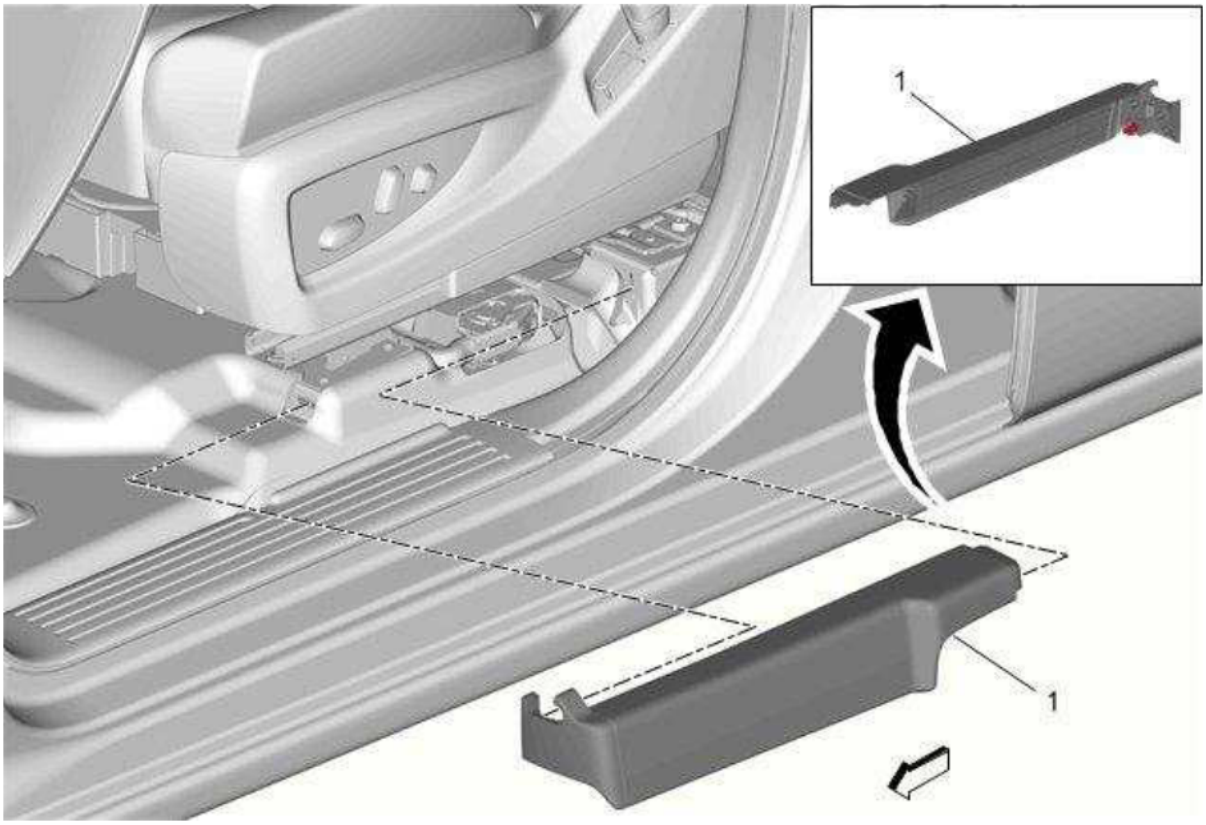


Fig. 21: Driver or Passenger Seat Adjuster Finish Cover
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure 1. Remove the front seat adjuster rear finish cover. Refer to **Front Seat Adjuster Rear Finish Cover Replacement**.	
1	Driver or Passenger Seat Adjuster 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 adjuster front finish cover and side cover, pulling forward to disengage it from the seat track.

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Callout	Component Name
	3. Firmly grasp the adjuster finish cover, pulling forward to disengage it from the seat track. 4. Make sure the front cap and side cover are not separated and heat stakes are not broken.

DRIVER OR PASSENGER SEAT INNER RECLINER FINISH COVER REPLACEMENT

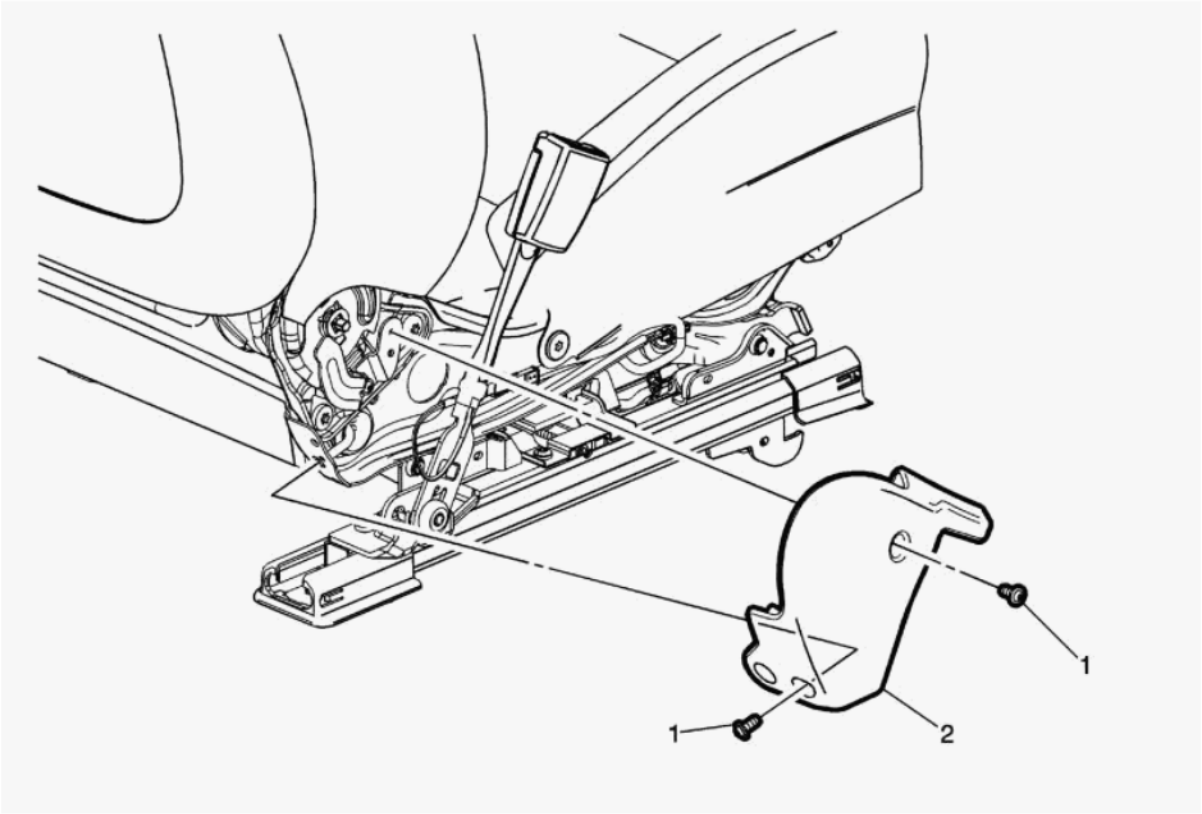


Fig. 22: Driver or Passenger Seat Inner Recliner Finish Cover
Courtesy of GENERAL MOTORS COMPANY

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

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Callout	Component Name
	2. Remove the inner finish cover by pulling upward.

FRONT SEAT CUSHION CENTER COVER REPLACEMENT (AZ3)

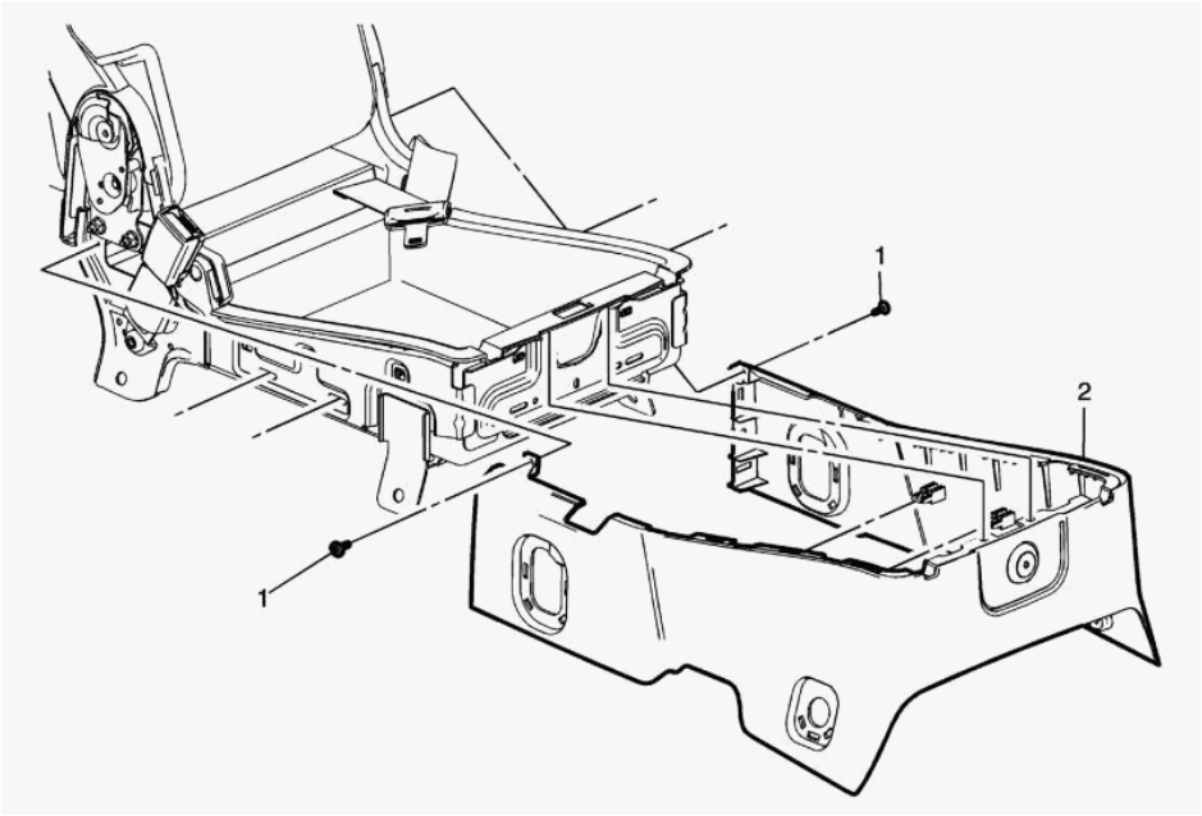


Fig. 23: Front Seat Cushion Center Cover (AZ3)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure 1. Remove the front center seat. Refer to **Front Center Seat Removal and Installation (Except HP5)**. 2. Remove the front seat cushion rear frame center cover. Refer to **Front Seat Cushion Rear Frame Center Cover Replacement (AZ3)**. 3. Remove the front seat center armrest hinge finish cover. Refer to **Front Seat Center Armrest Hinge Finish Cover Replacement**. 4. Remove the front seat cushion center pad. Refer to **Front Seat Cushion Center Pad Replacement (AZ3)**.	
1	Front Seat Cushion Center Cover Fastener (Qty: 2) **CAUTION:** **Refer to Fastener Caution .**

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Callout	Component Name
2	Front Seat Cushion Center Cover **Procedure** 1. Pull downward on the front of the cushion center cover to disengage it from the storage bin. 2. Pull outward on the cushion center cover sides to disengage it from the center seat frame. 3. Pull forward to disengage the remaining retainers.

FRONT SEAT CUSHION CENTER COVER REPLACEMENT (HP5)

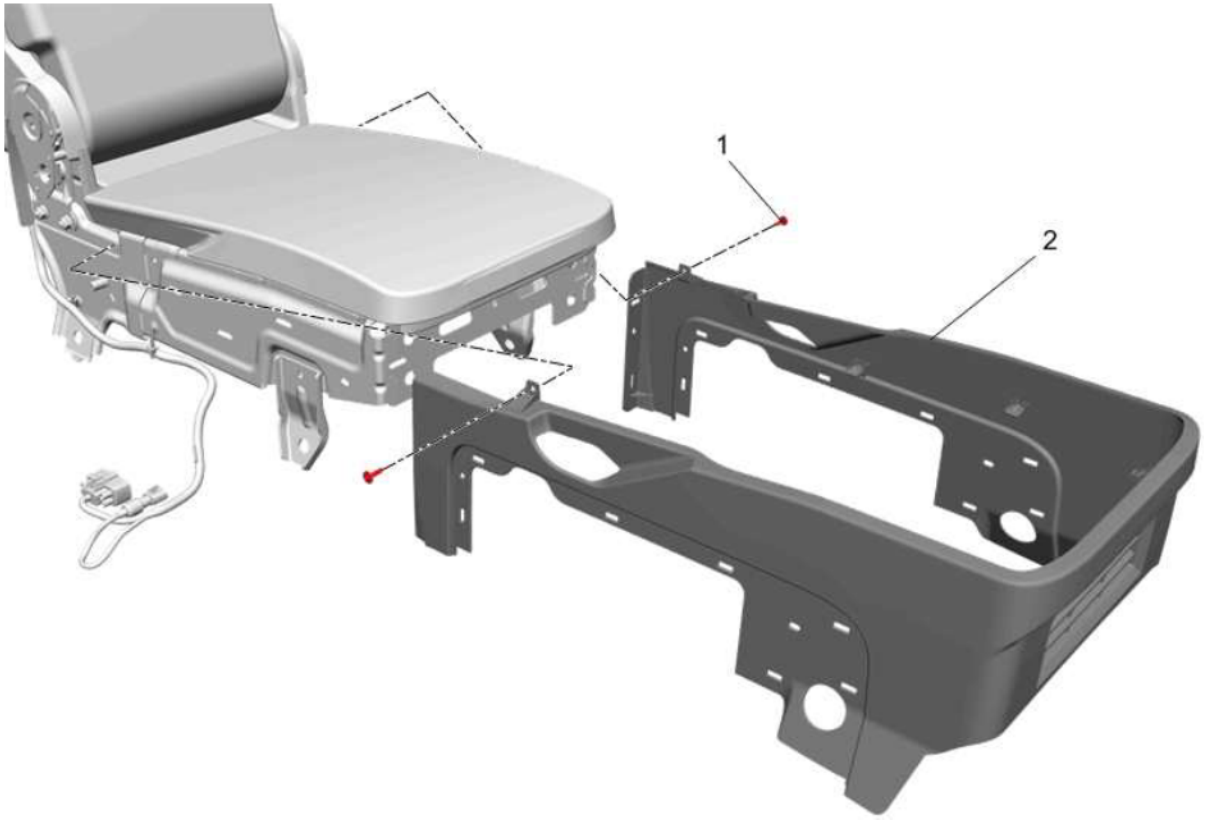


Fig. 24: Front Seat Cushion Center Cover (HP5)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. Front Center Seat Removal and Installation (HP5) 2. Front Seat Cushion Rear Frame Center Cover Replacement (HP5) 3. Front Seat Center Armrest Hinge Finish Cover Replacement 4. Front Seat Belt Latch Replacement (HP5) 5. Front Center Seat Belt Buckle Replacement (with AZ3)	

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Callout	Component Name
1	Front Seat Cushion Center Cover Fastener **CAUTION:** **Refer to** **Fastener Caution** . **Tighten** 2.5 N.m (22 lb in)
2	Front Seat Cushion Center Cover **Procedure** 1. Pull downward on the front of the cushion center cover to disengage the retainers. 2. Pull outward on the cushion center cover sides to disengage the retainers. 3. Pull forward to disengage the remaining retainers.

FRONT SEAT CUSHION CENTER FRAME REPLACEMENT (EXCEPT HP5)

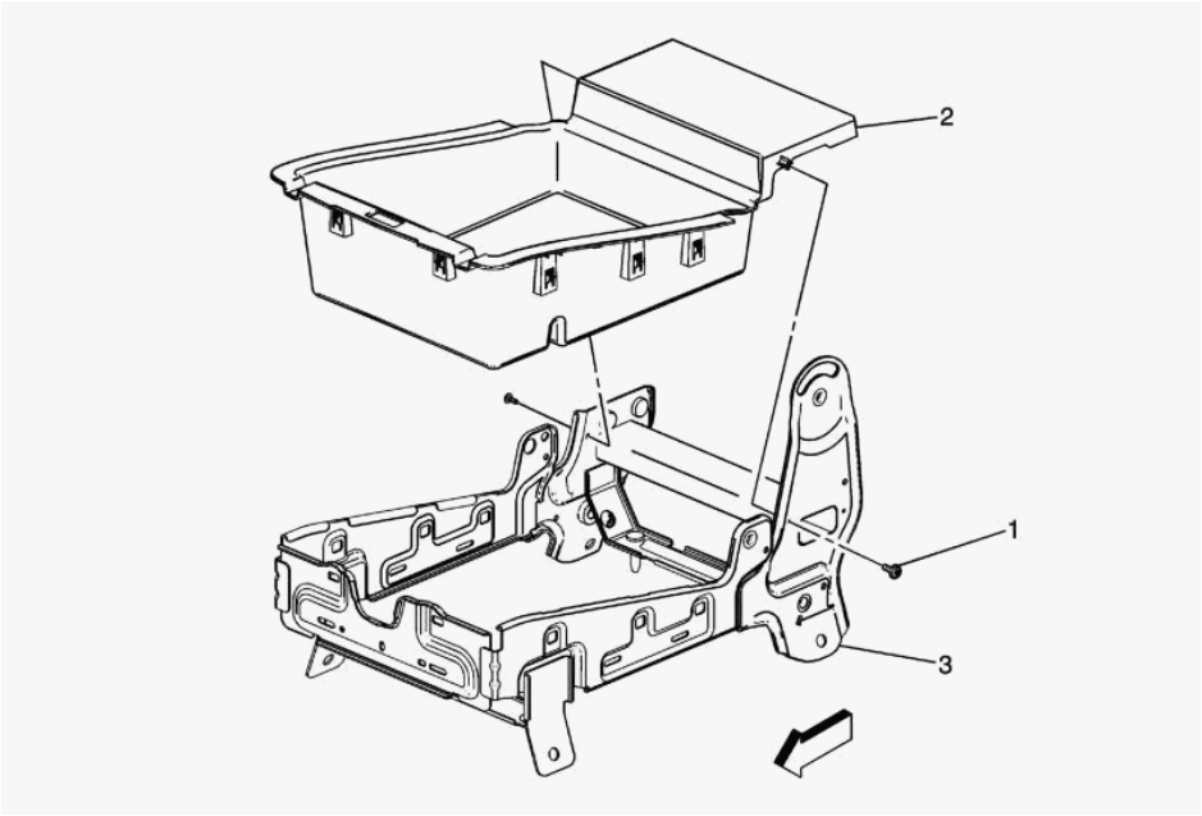


Fig. 25: Front Seat Cushion Center Frame (Except HP5)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure	

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Callout	Component Name
1. Remove the front seat cushion center cover. Refer to **Front Seat Cushion Center Cover Replacement (AZ3)**. 2. Remove the front center seat back cushion latch. Refer to **Front Center Seat Back Cushion Latch Replacement (Except HP5)**. 3. Remove the front seat center armrest hinge finish inner cover. Refer to **Front Seat Center Armrest Hinge Finish Inner Cover Replacement**.	
1	Front Seat Cushion Center Frame Screw (Qty: 2) **CAUTION:** **Refer to Fastener Caution .**
2	Front Seat Cushion Center Storage Bin
3	Front Seat Cushion Center Frame

FRONT SEAT CUSHION CENTER FRAME REPLACEMENT (HP5)

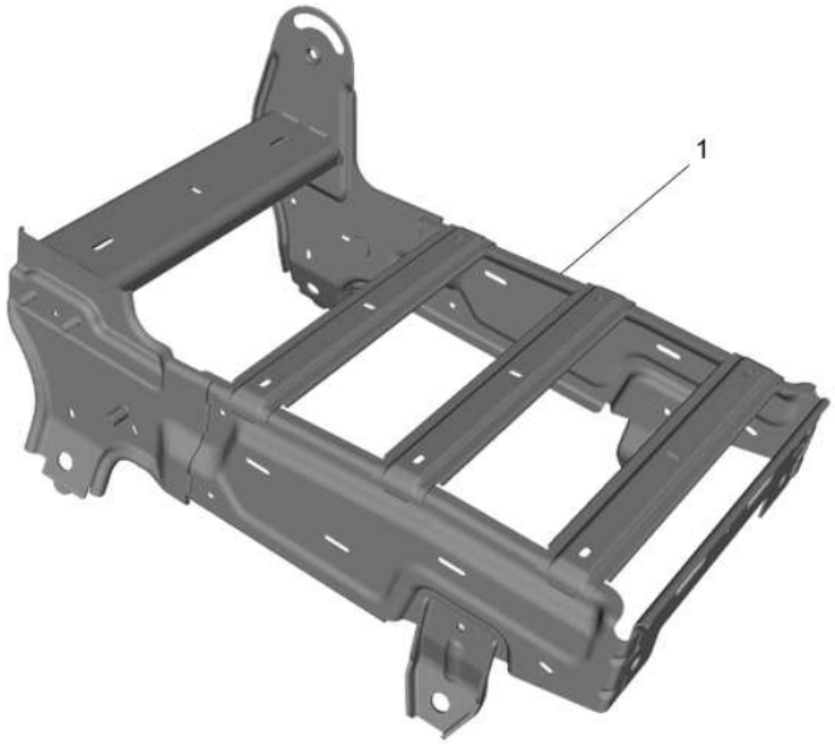


Fig. 26: Front Seat Cushion Center Frame (HP5)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. **Front Seat Cushion Center Pad Replacement (HP5)**	

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Callout	Component Name
2. Front Center Seat Back Cushion Latch Replacement (HP5) 3. Front Seat Center Armrest Hinge Finish Inner Cover Replacement	
1	Front Seat Cushion Center Frame

FRONT SEAT CUSHION CENTER PAD REPLACEMENT (AZ3)

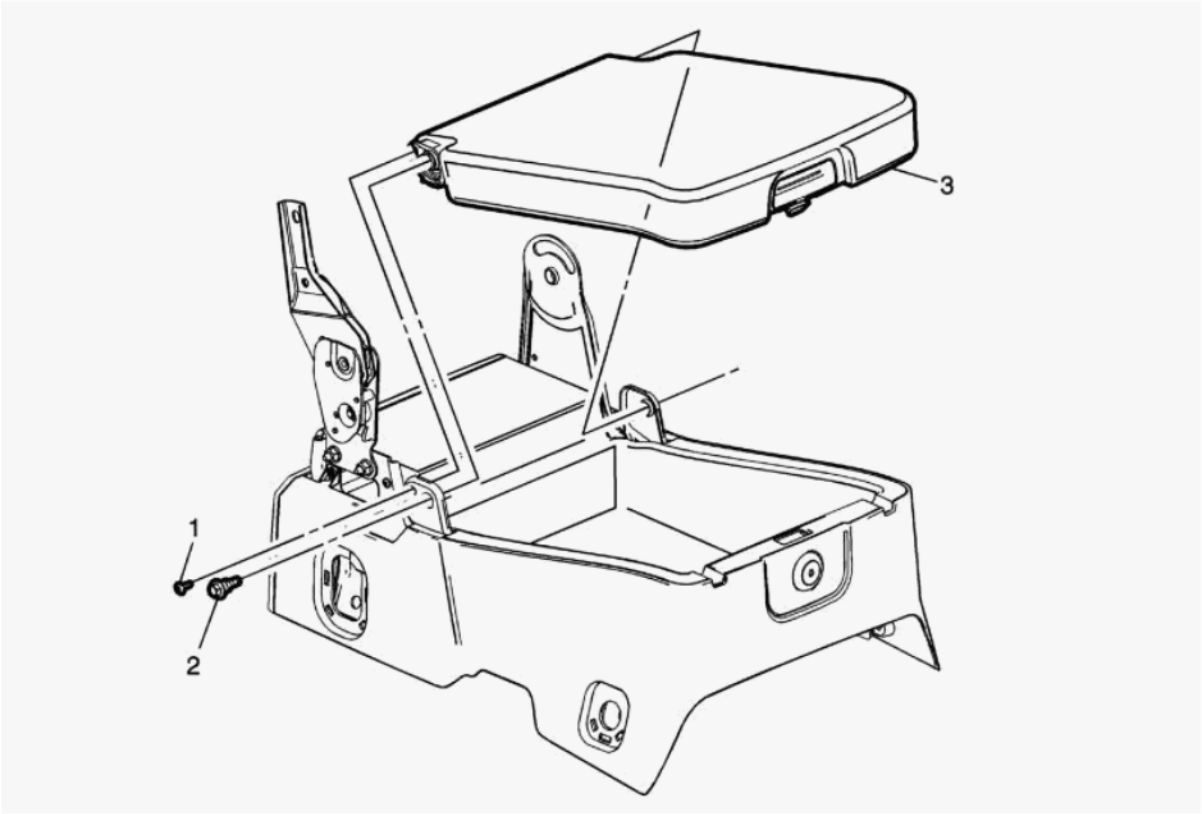


Fig. 27: Front Seat Cushion Center Pad (with AZ3)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the front seat center armrest hinge finish inner cover. Refer to Front Seat Center Armrest Hinge Finish Inner Cover Replacement.	
1	Front Seat Cushion Center Pad Screw **CAUTION:** **Refer to Fastener Caution .**

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Callout	Component Name
2	Front Seat Cushion Center Pad Bolt **CAUTION:** **Refer to** **Fastener Caution** . **Tighten** 9 N.m (80 lb in)
3	Front Seat Cushion Center Pad

FRONT SEAT CUSHION CENTER PAD REPLACEMENT (HP5)

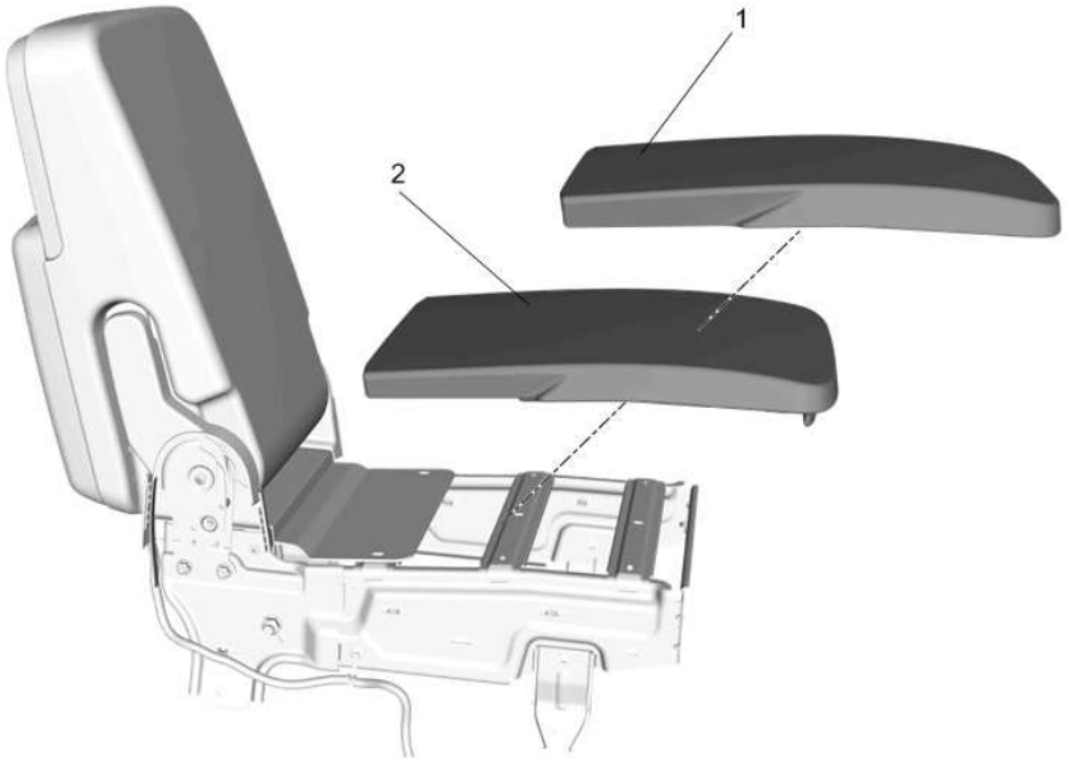


Fig. 28: Front Seat Cushion Center Pad (HP5)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure **Front Seat Cushion Center Cover Replacement (HP5)**	
1	Front Seat Cushion Center Cover **Procedure** Disengage the j-channel retainer.
2	Front Seat Cushion Center Pad

FRONT SEAT CUSHION CENTER STOWAGE COMPARTMENT LOCK CYLINDER CASE

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REPLACEMENT

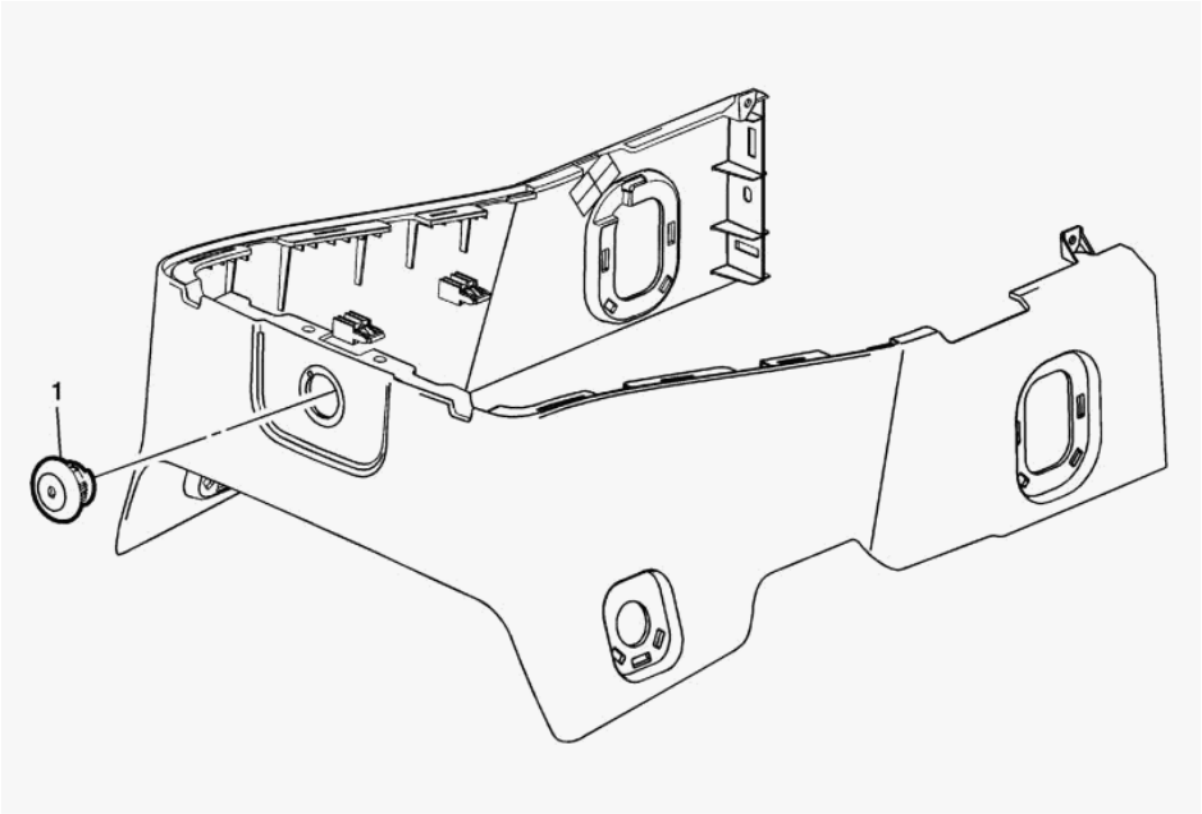


Fig. 29: Front Seat Cushion Center Stowage Compartment Lock Cylinder Case
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the front seat cushion center cover. Refer to **Front Seat Cushion Center Cover Replacement (AZ3)Front Seat Cushion Center Cover Replacement (HP5)**.	
1	Front Seat Cushion Center Stowage Compartment Lock Cylinder Case **Procedure** 1. Use a flat-bladed tool to release the lock clamp from the lock cylinder assembly. 2. Remove the lock cylinder by sliding it forward through the front seat cushion center cover.

FRONT SEAT CENTER ARMREST REPLACEMENT

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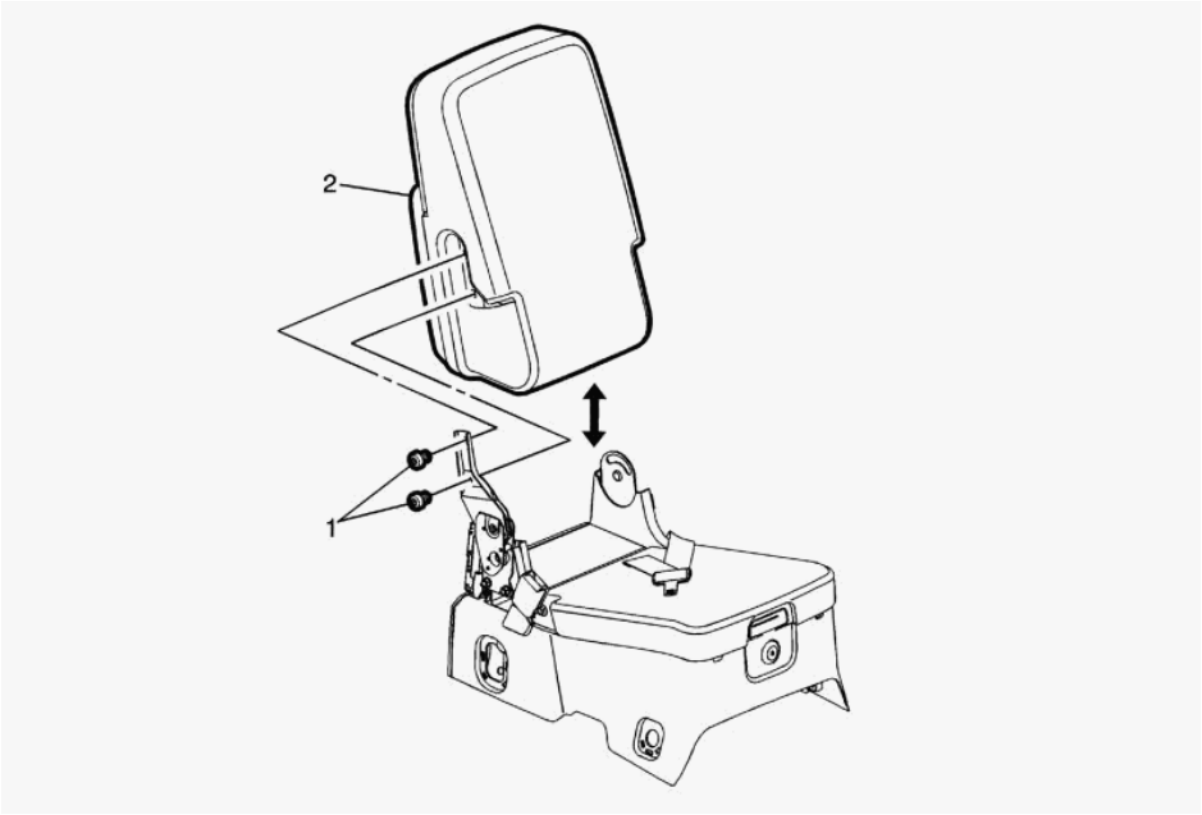


Fig. 30: Front Seat Center Armrest
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure 1. Remove the front center seat back cushion latch upper cover. Refer to **Front Center Seat Back Cushion Latch Upper Cover Replacement**. 2. Remove the front seat cushion rear frame center cover. Refer to **Front Seat Cushion Rear Frame Center Cover Replacement (AZ3)Front Seat Cushion Rear Frame Center Cover Replacement (HP5)**.	
1	Front Seat Center Armrest screw (Qty: 2) **CAUTION:** **Refer to Fastener Caution .** **Tighten** 9 N.m (80 lb in)
2	Front Seat Center Armrest

FRONT SEAT CENTER ARMREST HINGE FINISH COVER REPLACEMENT

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Fig. 31: Front Seat Center Armrest Hinge Finish Cover
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the front center seat. Refer to **Front Center Seat Removal and Installation (Except HP5)Front Center Seat Removal and Installation (HP5)**.	
1	Front Seat Center Armrest Hinge Finish Cover Cap **NOTE:** **Use a trim tool to aid in the removal of the push in cap.**
2	Front Seat Center Armrest Hinge Finish Cover Bolt **CAUTION:** **Refer to Fastener Caution .** **Tighten** 9 N.m (80 lb in)

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Callout	Component Name
3	Front Seat Center Armrest Hinge Finish Cover (Qty: 2) **Procedure** Use a flat bladed tool to release the plastic tabs attaching the finish cover to the inner finish cover.

FRONT SEAT CENTER ARMREST HINGE FINISH INNER COVER REPLACEMENT

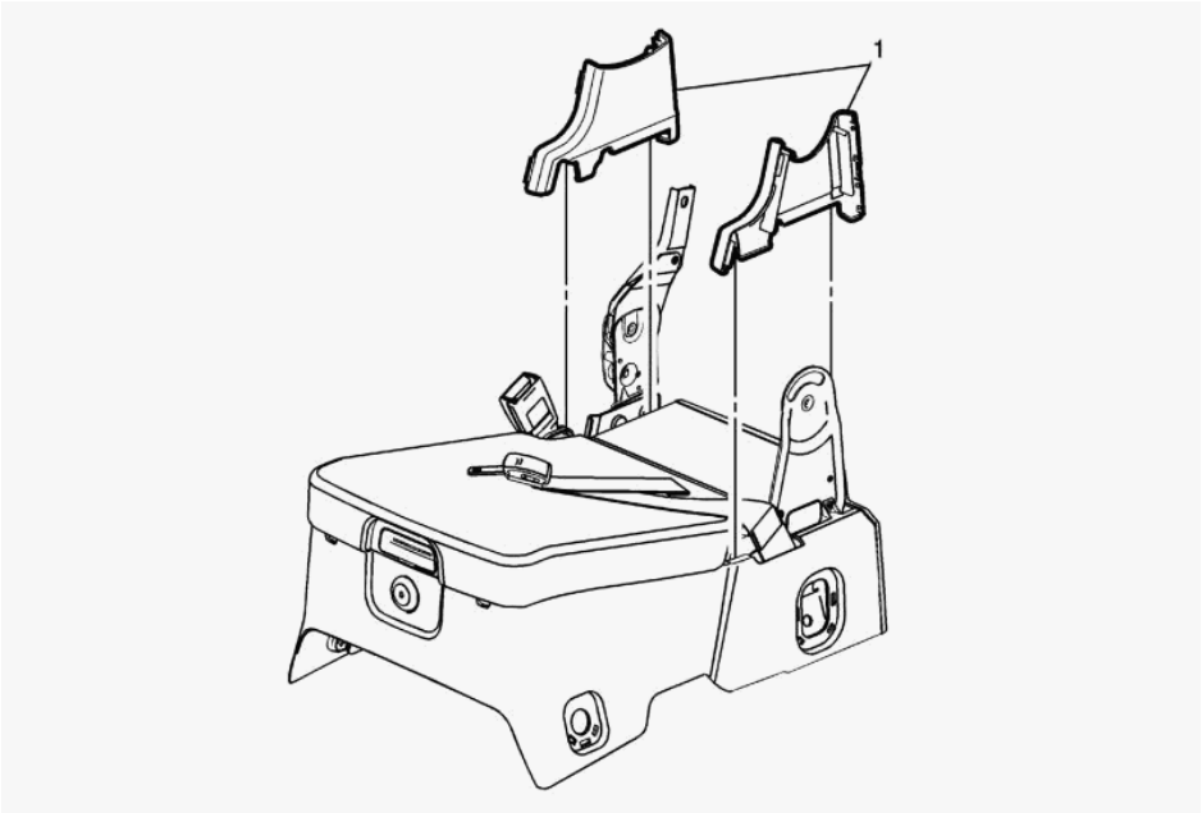


Fig. 32: Front Seat Center Armrest Hinge Finish Inner Cover
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the front seat center armrest. Refer to **Front Seat Center Armrest Replacement**.	
1	Front Seat Center Armrest Hinge Finish Inner Cover (Qty: 2) **Procedure** Use a flat bladed tool to release the plastic tabs attaching the inner finish cover to the outer finish cover.

FRONT SEAT CUSHION REAR FRAME CENTER COVER REPLACEMENT (AZ3)

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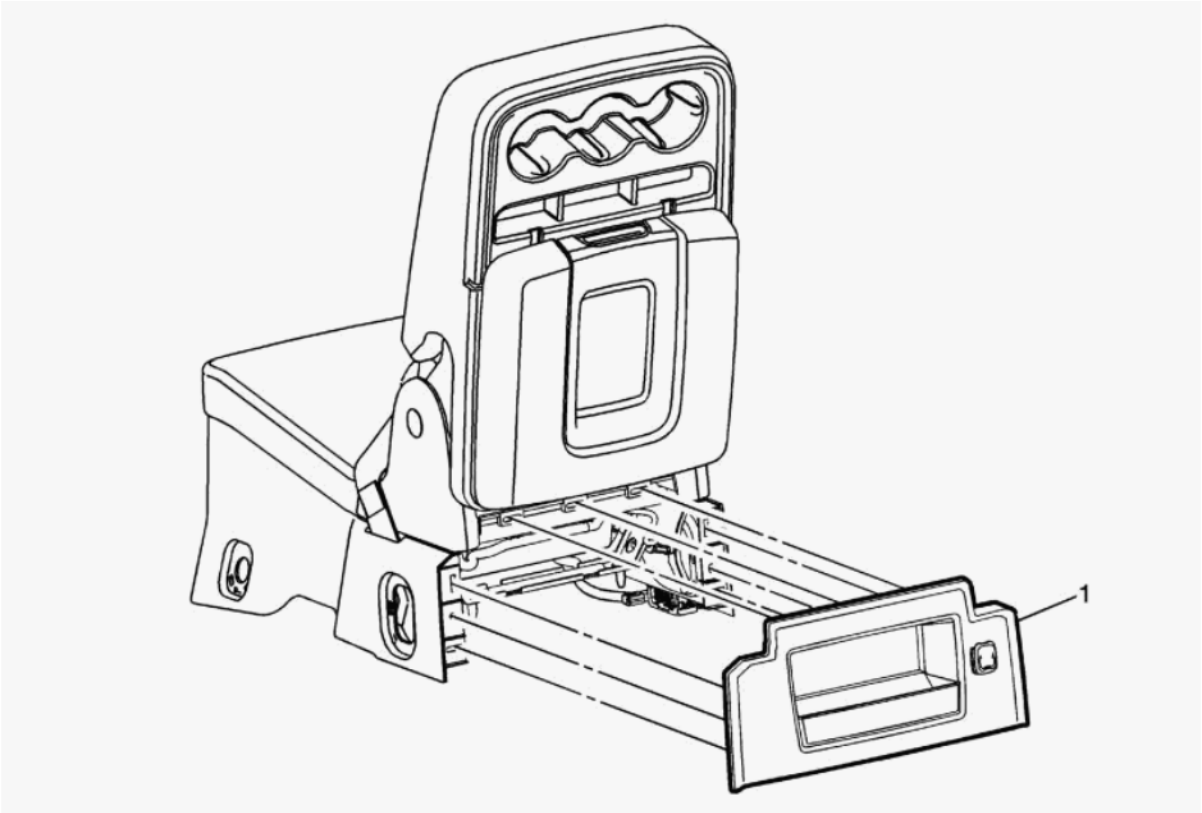


Fig. 33: Front Seat Cushion Rear Frame Center Cover (with AZ3)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Front Seat Cushion Rear Frame Center Cover **Procedure** 1. Disconnect the electrical connection. 2. Gently pull rearward on the top of the cover to disengage it from the storage bin. 3. Gently pull rearward on the sides of the cover to disengage the remaining retainers from the center cushion cover.

FRONT SEAT CUSHION REAR FRAME CENTER COVER REPLACEMENT (HP5)

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Fig. 34: Front Seat Cushion Rear Frame Center Cover (HP5)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Front Seat Cushion Rear Frame Center Cover **Procedure** 1. Pull rearward on the top of the cover to disengage the retainers. 2. Pull rearward on the sides of the cover to disengage the remaining retainers.

DRIVER OR PASSENGER SEAT CUSHION FRAME REPLACEMENT (EXCEPT PASSENGER SIDE WITH 6-WAY POWER)

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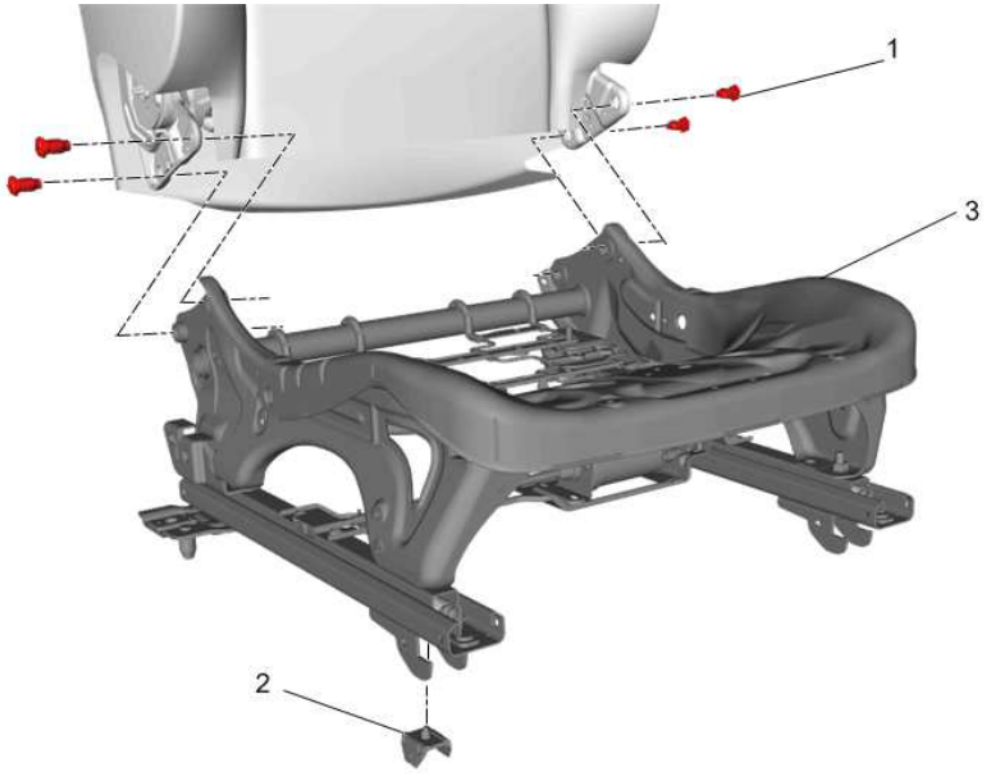


Fig. 35: Driver or Passenger Seat Cushion Frame (Except Passenger Side with 6-way Power)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure **Front Seat Cushion Cover and Pad Replacement**	
1	Driver or Passenger Seat Back Frame Fastener[4x] **CAUTION:** **Refer to** **Fastener Caution** . **Procedure** 1. Remove the front seat recliner control bracket. 2. Clean the thread locking compound from the bolts and reapply new thread locker. The bolts are held in by Blue 242Â® medium strength loctite. **Tighten** 50 N.m (37 lb ft)
2	Front Seat Adjuster Front Spacer **NOTE:**

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Callout	Component Name
	Installed on the outboard side only.
3	Driver or Passenger Seat Cushion Frame **Procedure** 1. Disconnect the electrical connector. 2. Transfer components as necessary.

DRIVER OR PASSENGER SEAT CUSHION FRAME REPLACEMENT (PASSENGER SIDE WITH 6-WAY POWER)

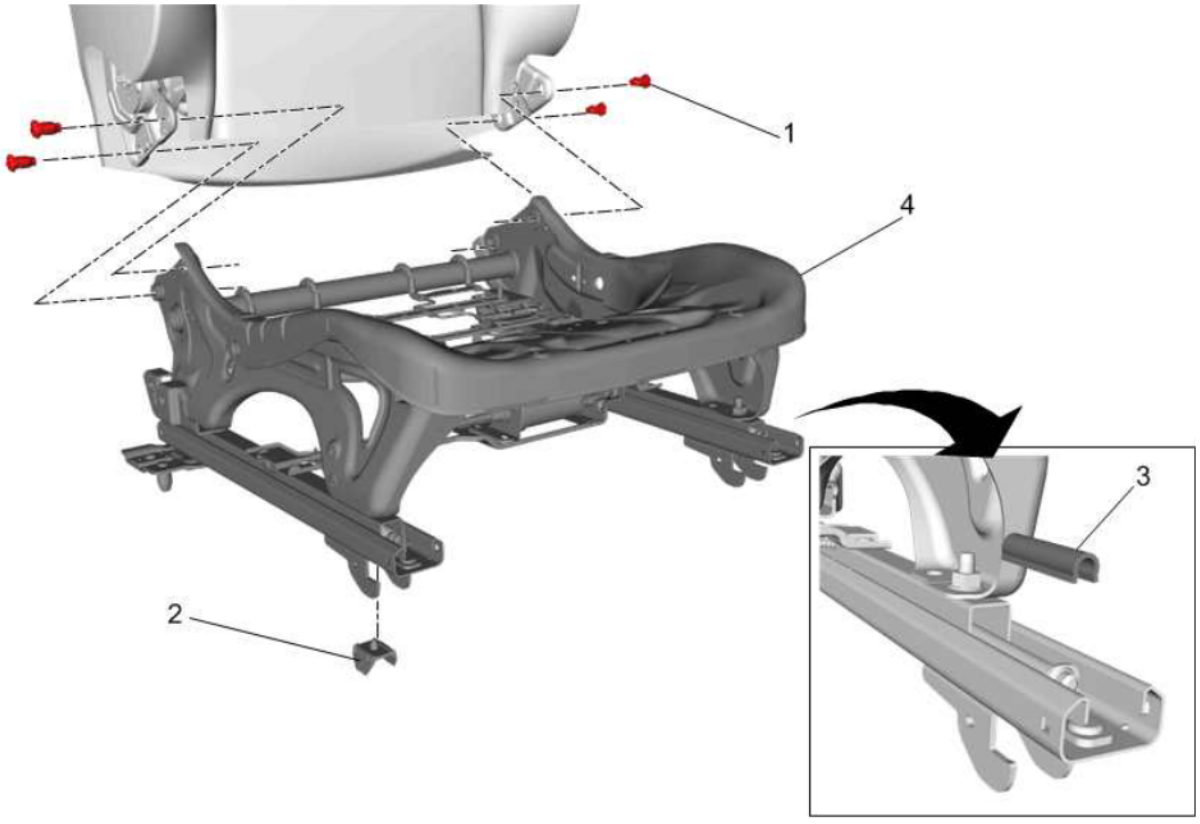


Fig. 36: Driver or Passenger Seat Cushion Frame (Passenger Side with 6-way Power)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Front Seat Cushion Cover and Pad Replacement	
1	Driver or Passenger Seat Back Frame Fastener[4x] **CAUTION:** **Refer to** **Fastener Caution** .

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Callout	Component Name
	Procedure 1. Remove the front seat recliner control bracket. 2. Clean the thread locking compound from the bolts and reapply new thread locker. The bolts are held in by Blue 242Â® medium strength loctite. **Tighten** 50 N.m (37 lb ft)
2	Front Seat Adjuster Front Spacer **NOTE:** **Installed on the outboard side only.**
3	Front Seat Adjuster Stop [2x] **NOTE:** **When replacing the seat cushion frame, ensure the front seat adjuster stops are installed. The frame may need to be adjusted to access the stops.**
4	Driver or Passenger Seat Cushion Frame **Procedure** 1. Disconnect the electrical connector. 2. Transfer components as necessary.

FRONT SEAT CUSHION PAD SUPPORT WIRE SPRING REPLACEMENT

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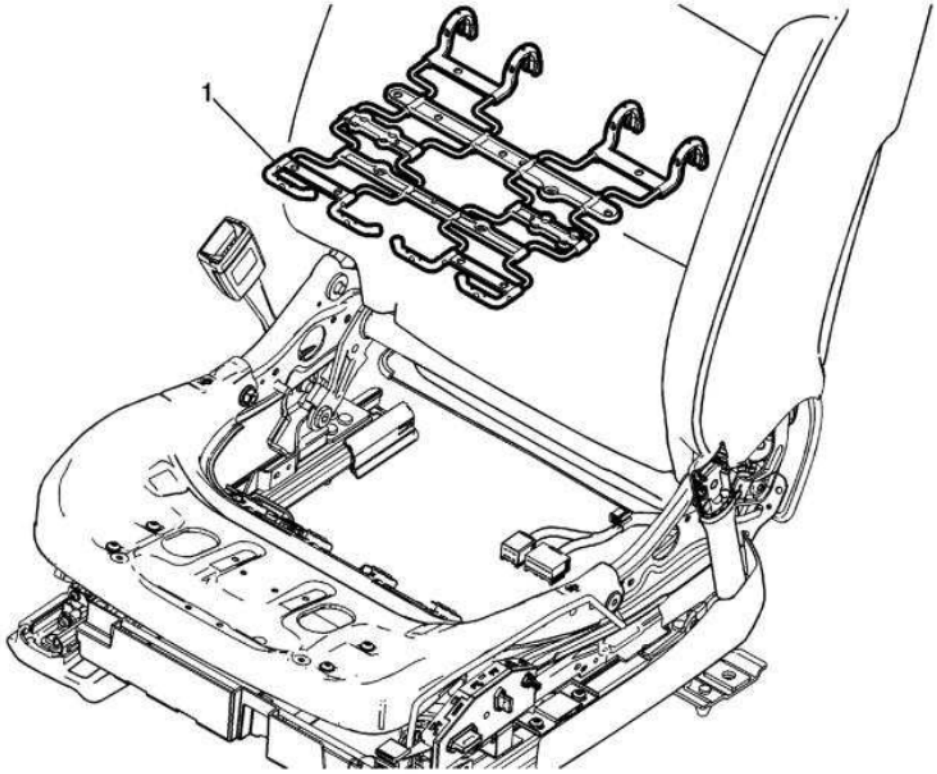


Fig. 37: Front Seat Cushion Pad Support Wire Spring
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
WARNING: Refer to SIR Warning **Preliminary Procedure** 1. Remove the driver or passenger seat. Refer to Driver or Passenger Seat Removal and Installation 2. Remove the front seat cushion cover and pad. Refer to Front Seat Cushion Cover and Pad Replacement 3. Program the inflatable restraint passenger presence system after replacement. Refer to Control Module References .	
1	Front Seat Cushion Pad Support Wire Spring **Procedure** 1. Disconnect electrical connectors. 2. Transfer components as necessary.

FRONT SEAT CUSHION OUTER FINISH COVER REPLACEMENT (8 WAY POWER)

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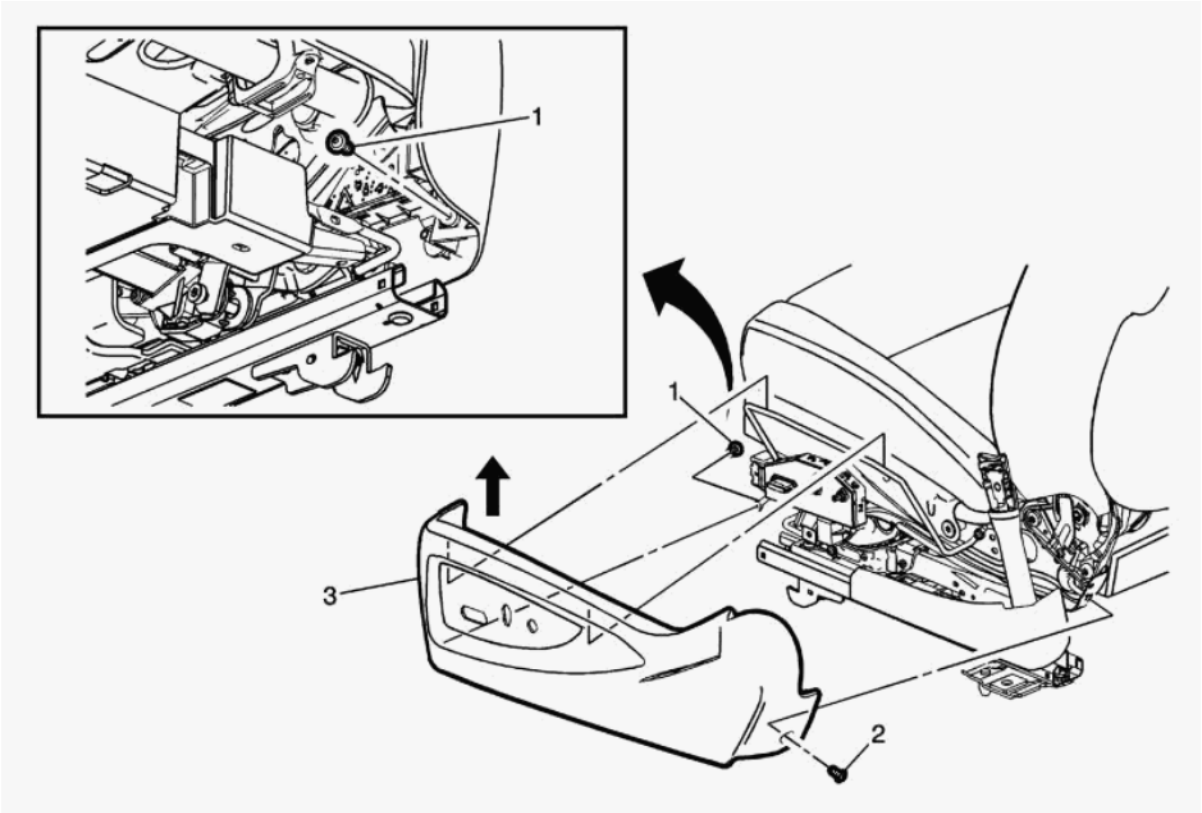


Fig. 38: Front Seat Cushion Outer Finish Cover (8-Way Power)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure 1. Remove the seat belt from the front seat belt anchor plate tensioner. Refer to **Front Seat Belt Anchor Plate Tensioner Replacement**	
1	Front Seat Cushion Outer Finish Cover Front Fastener **CAUTION:** **Refer to Fastener Caution .**
2	Front Seat Cushion Outer Finish Cover Rear Fastener **CAUTION:** **Refer to Fastener Caution .**
3	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.

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

FRONT SEAT CUSHION OUTER FINISH COVER REPLACEMENT (2 WAY MANUAL)

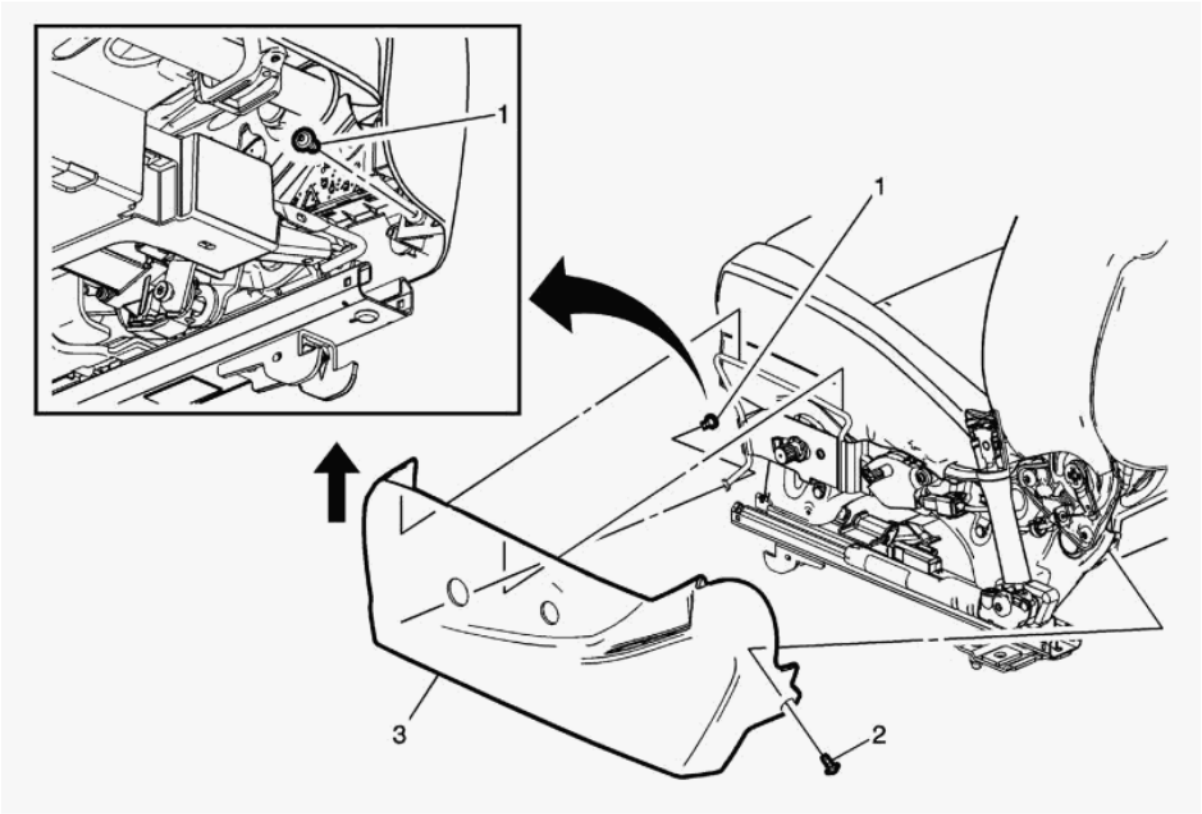


Fig. 39: Front Seat Cushion Outer Finish Cover (2-Way Manual)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure 1. Remove the seat belt from the pretensioner. 2. Remove the front seat back recliner handle. Refer to **Front Seat Back Recliner Handle Replacement (2 Way Manual)**. 3. Remove the driver seat lumbar support actuator lever, if equipped. Refer to **Driver Seat Lumbar Support Actuator Lever Replacement (2 Way Manual)**.	
1	Front Seat Cushion Outer Finish Cover Front Fastener **CAUTION:** **Refer to Fastener Caution .**

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Callout	Component Name
2	Front Seat Cushion Outer Finish Cover Rear Fastener **CAUTION:** **Refer to** **Fastener Caution** .
3	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 cover by pulling upward near the retainer clip locations. 3. Disconnect the electrical connectors. 4. If replacing the finish cover, transfer components as necessary.

FRONT SEAT CUSHION COVER AND PAD REPLACEMENT

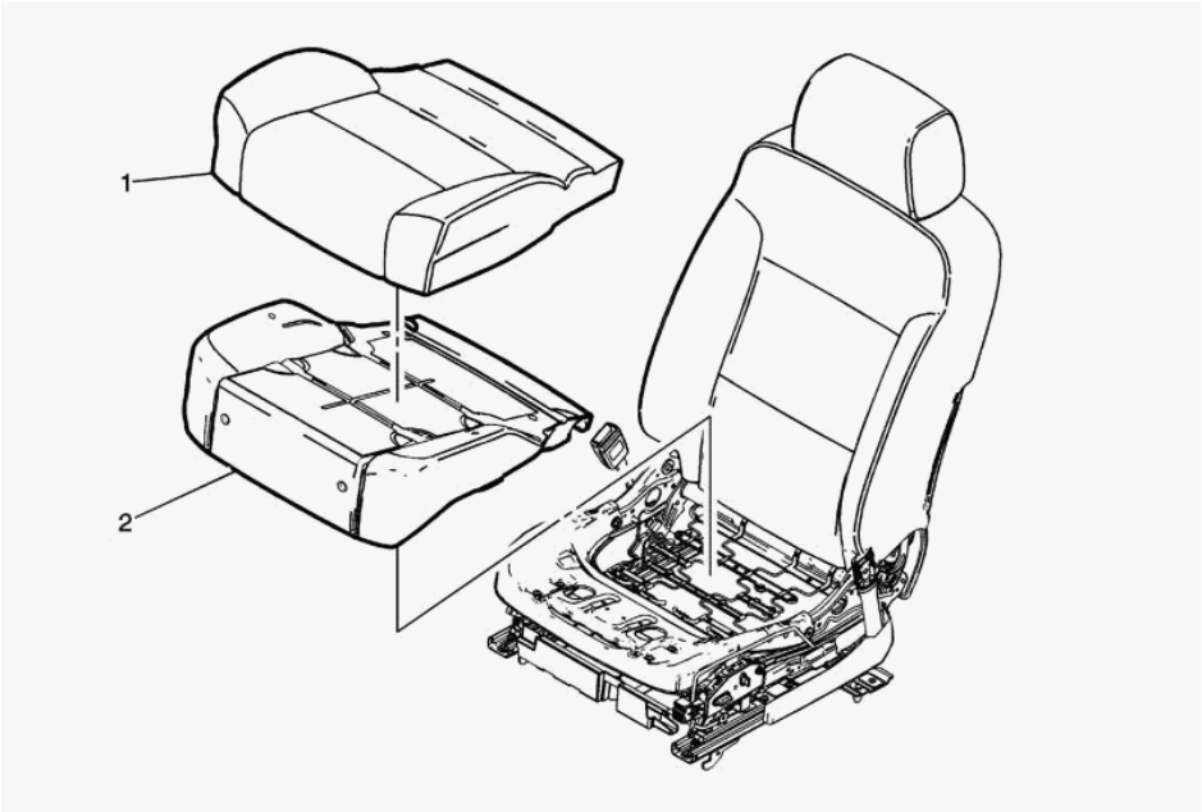


Fig. 40: Front Seat Cushion Cover and Pad
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
WARNING:	

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Callout	Component Name
Refer to SIR Warning . **Preliminary Procedures** 1. Disable the SIR system. Refer to **SIR Disabling and Enabling** . 2. Remove the driver or passenger seat. Refer to **Driver or Passenger Seat Removal and Installation**. 3. Remove the driver or passenger seat inner recliner finish cover. Refer to **Driver or Passenger Seat Inner Recliner Finish Cover Replacement**. 4. Remove the front seat cushion outer finish cover. Refer to **Front Seat Cushion Outer Finish Cover Replacement (8 Way Power)Front Seat Cushion Outer Finish Cover Replacement (2 Way Manual)**. 5. 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. Remove the front seat cushion cover retainer fasteners and retainer. 2. Disengage the J-channel retainers from the seat cushion frame. 3. Disconnect the blower ventilation duct and electrical connectors, if equipped. 4. If the seat is equipped with lane departure warning actuators, release the electrical harness and disconnect the electrical connector. 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 releasing the hook and loop retainers, U-channels and pulling the cover away from the pad. 2. Transfer part as necessary.

DRIVER OR PASSENGER SEAT BACK COVER AND PAD REPLACEMENT

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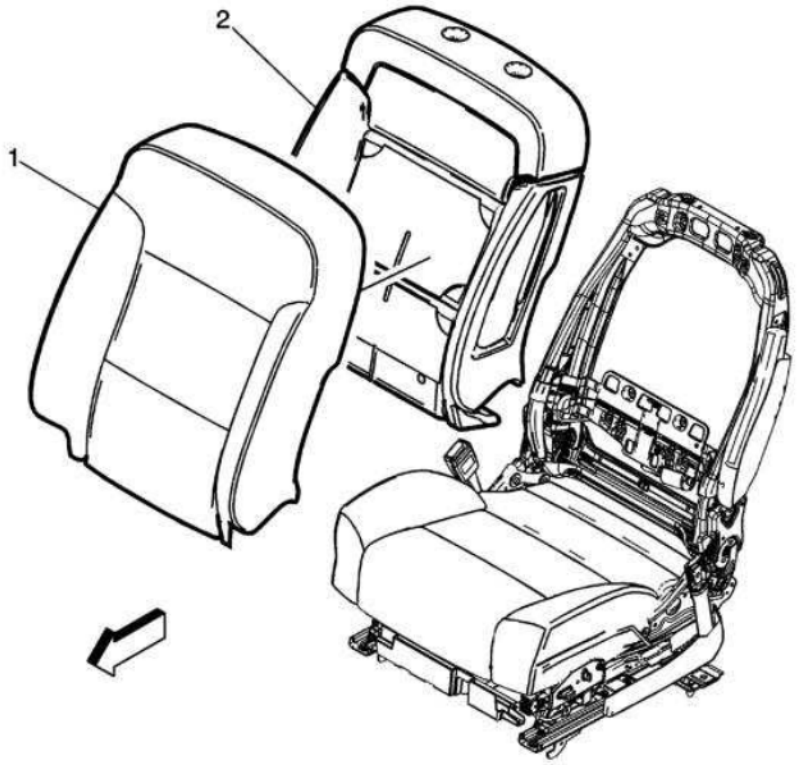


Fig. 41: Driver or Passenger Seat Back Cover and Pad
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
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	

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Callout	Component Name
improper airbag deployment which could result in personal injury. **Preliminary Procedures** 1. **Driver or Passenger Seat Inner Recliner Finish Cover Replacement** 2. **Front Seat Cushion Outer Finish Cover Replacement (8 Way Power)Front Seat Cushion Outer Finish Cover Replacement (2 Way Manual)** 3. **Driver or Passenger Seat Head Restraint Guide Replacement**	
1	Driver or Passenger Seat Back Cushion Cover **Procedure** 1. Unzip both zippers. 2. Disengage the j-channel retainers from the seat back cushion frame. 3. Loosen the seat back cushion cover and pad to remove the seat back cushion cover hog ring collar. 4. Disconnect the blower from the seat back cushion pad, if equipped. 5. Remove the air duct, if equipped. 6. Disconnect the electrical connectors that attach to the seat back cushion, if equipped. 7. Remove the connector position assurance (CPA) from the airbag module, if equipped. 8. 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** Pull the cover away from the pad to disengage the retainers, if equipped.

DRIVER OR PASSENGER SEAT BACK CUSHION FRAME REPLACEMENT

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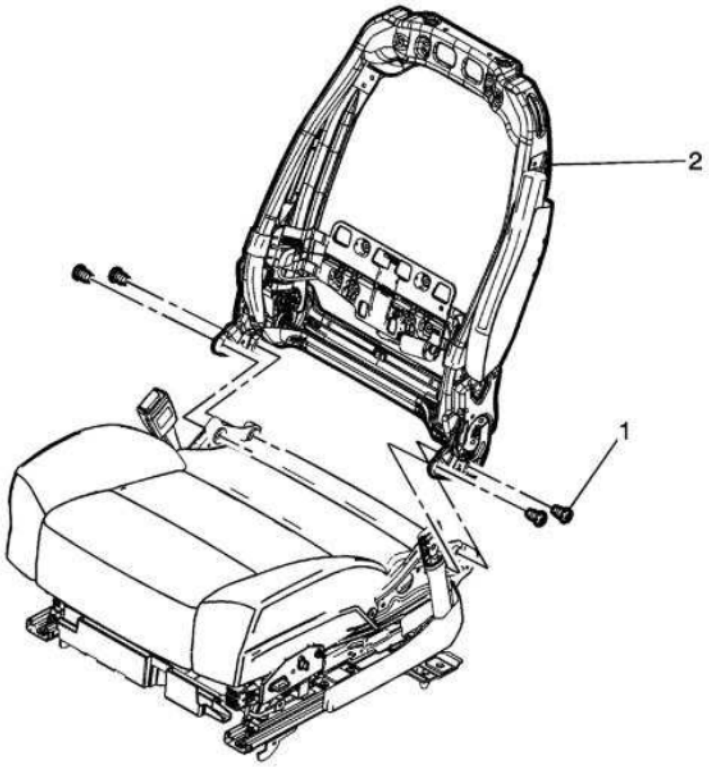


Fig. 42: Driver or Passenger Seat Back Cushion Frame
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
WARNING: Refer to SIR Warning . **WARNING:** Do not repair or replace the seat stitching or seams in the seat back trim cover with an internal mounted seat side airbag module. Replace the complete seat back trim cover from the	

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Callout	Component Name
OEM. Non-OEM seat stitching may cause improper airbag deployment which could result in personal injury. **Preliminary Procedures** 1. Disable the SIR system. Refer to **SIR Disabling and Enabling** . 2. Remove the driver or passenger seat. Refer to **Driver or Passenger Seat Removal and Installation**. 3. Remove the driver or passenger seat back cushion cover and pad. Refer to **Driver or Passenger Seat Back Cover and Pad Replacement**.	
1	Driver or Passenger Seat Back Cushion Frame Bolt (Qty: 4) **CAUTION:** **Refer to Fastener Caution** . **Procedure** Remove the front seat recliner control bracket to gain access to the seat cushion frame bolt. **Tighten** 50 N.m (37 lb ft)
2	Driver or Passenger Seat Back Cushion Frame **Procedure** 1. Disconnect electrical connectors as needed. 2. Remove the front seat outboard seat back airbag. Refer to **Front Seat Outboard Seat Back Airbag Replacement** 3. Transfer components as necessary.

FRONT SEAT RECLINER KNOB REPLACEMENT (8 WAY POWER)

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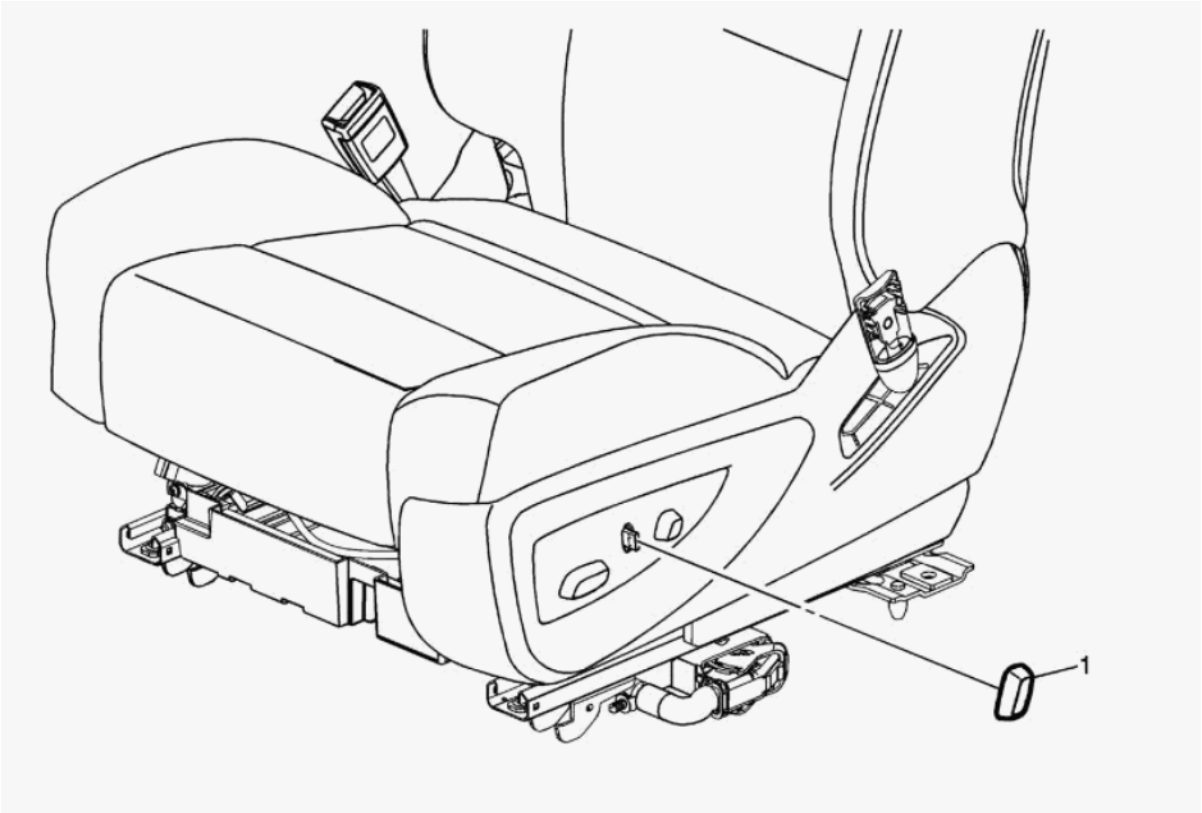


Fig. 43: Front Seat Recliner Knob (8 Way Power)
Courtesy of GENERAL MOTORS COMPANY

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 REPLACEMENT (2 WAY MANUAL)

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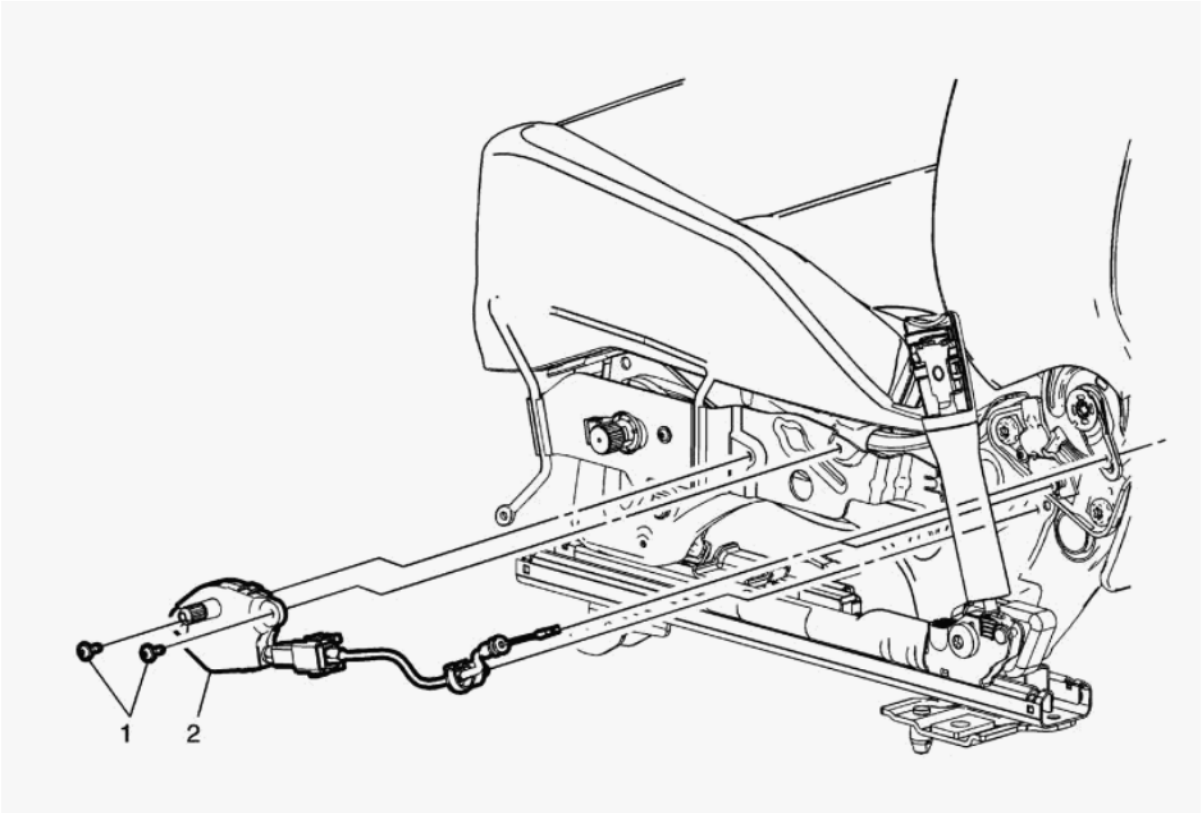


Fig. 44: Front Seat Recliner Control (2 Way Manual)
Courtesy of GENERAL MOTORS COMPANY

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

FRONT SEAT BACK RECLINER HANDLE REPLACEMENT (2 WAY MANUAL)

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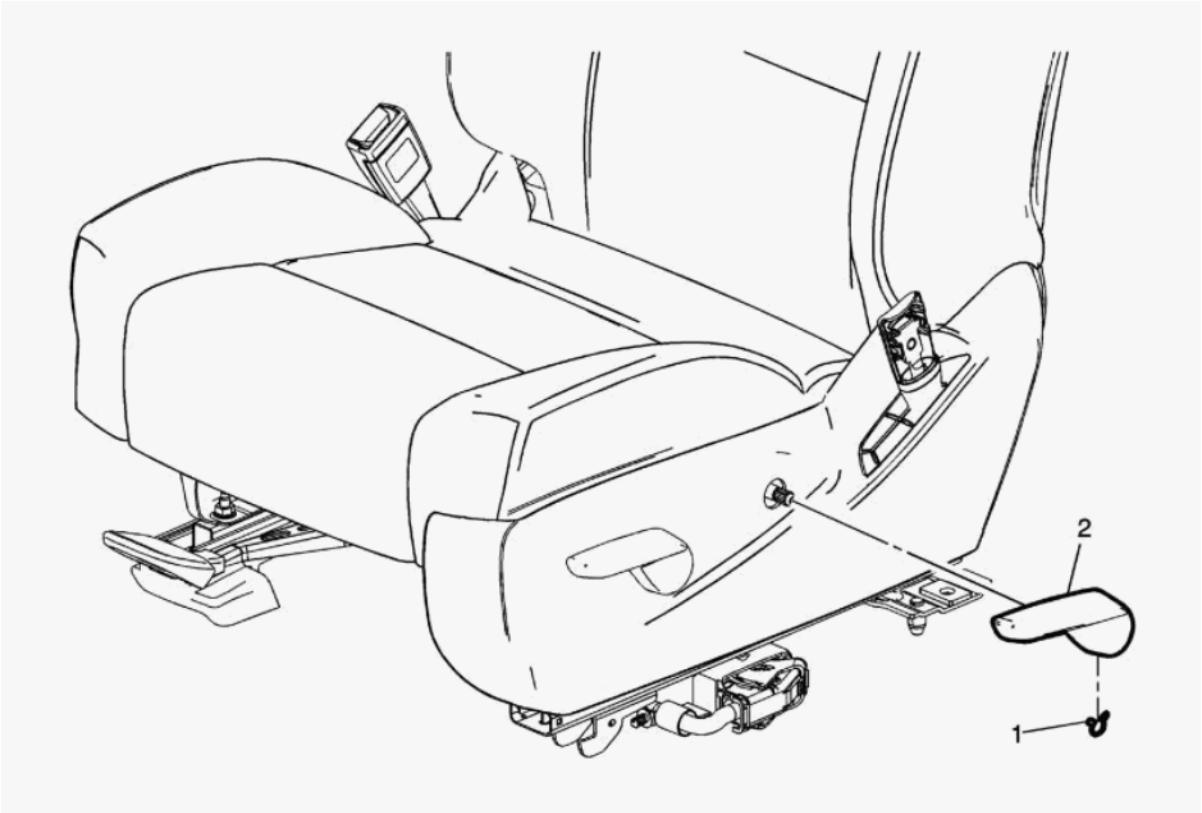


Fig. 45: Front Seat Back Recliner Handle (2 Way Manual)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Front Seat Back Recliner Handle Clamp **Procedure** Use a flat-bladed tool to release the recliner handle clamp from the handle assembly.
2	Front Seat Back Recliner Handle **Procedure** Use a flat-bladed tool to release the handle from the cushion outer finish panel.

FRONT CENTER SEAT BACK CUSHION LATCH UPPER COVER REPLACEMENT

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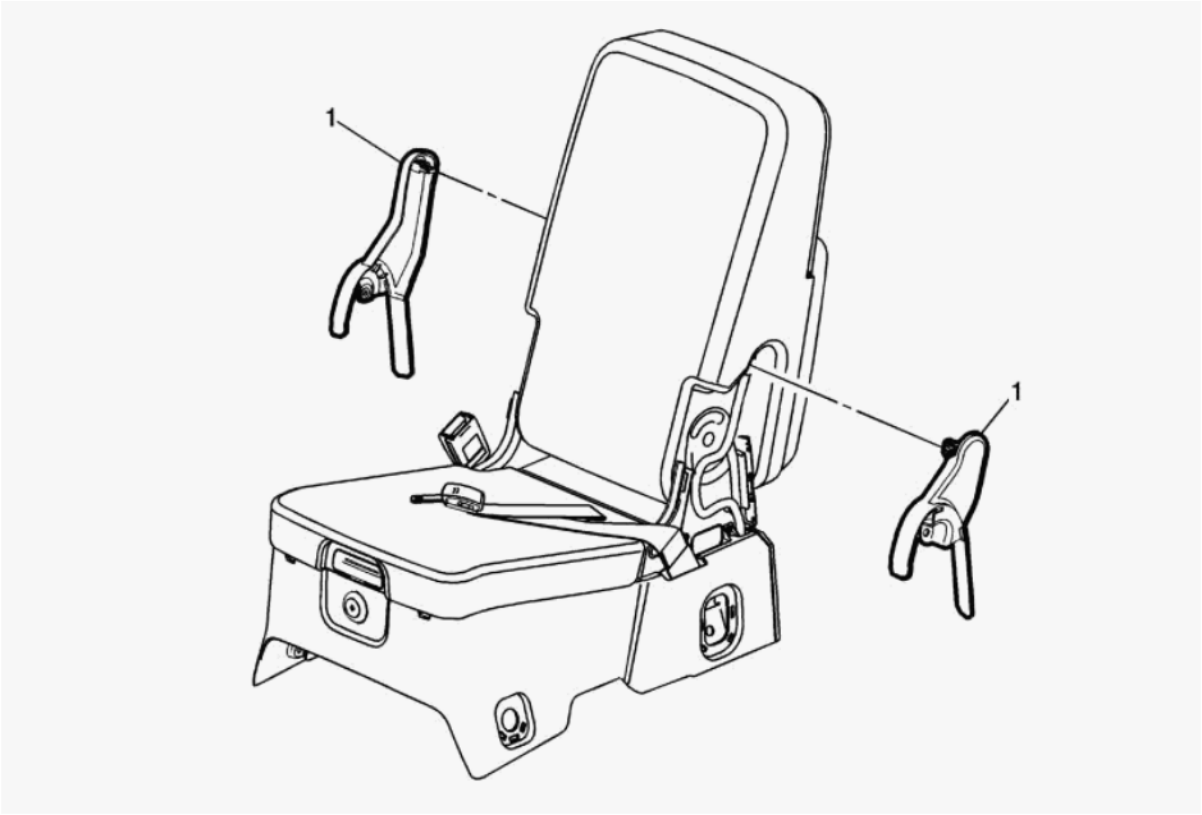


Fig. 46: Front Center Seat Back Cushion Latch Upper Cover
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the front seat center armrest hinge finish cover. Refer to **Front Seat Center Armrest Hinge Finish Cover Replacement**.	
1	Front Center Seat Back Cushion Latch Cover (Qty: 2) **Procedure** Firmly grasp the latch cover, pulling it outward to disengage the top of the cover from the armrest frame.

FRONT CENTER SEAT BACK CUSHION LATCH REPLACEMENT (EXCEPT HP5)

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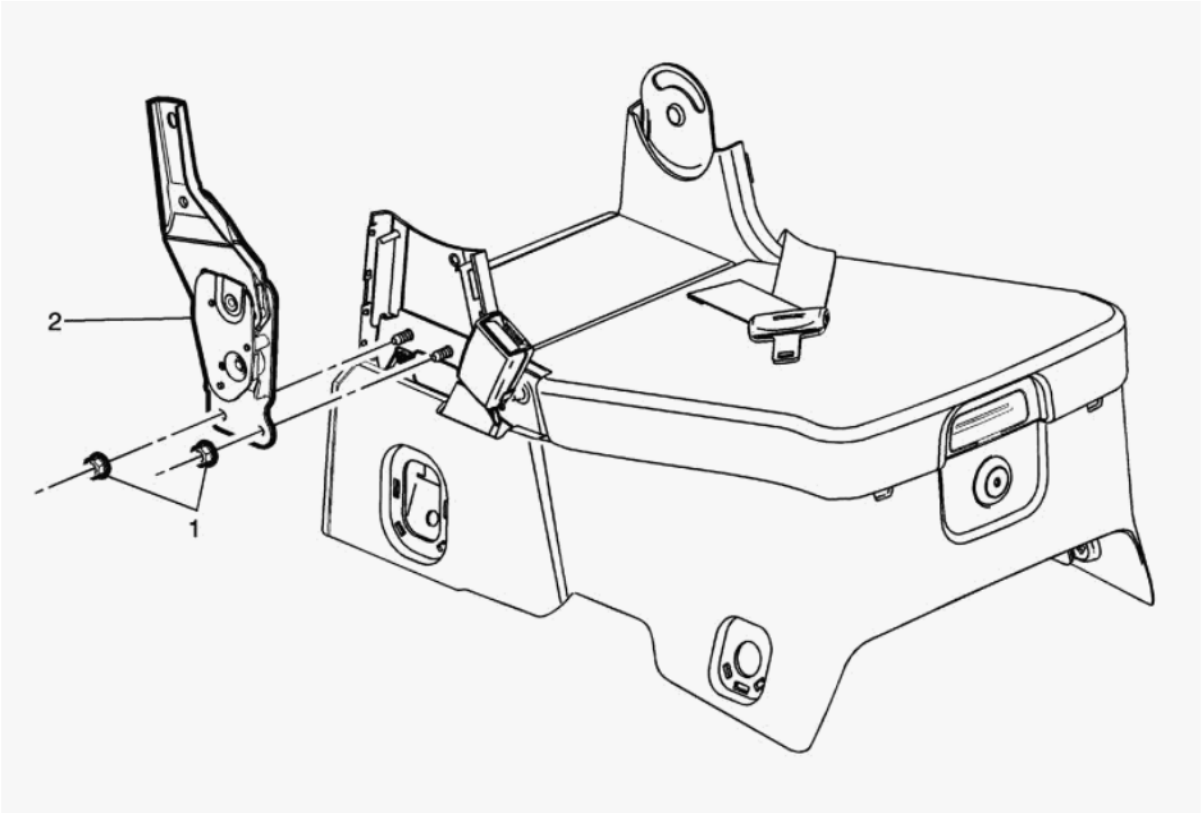


Fig. 47: Front Center Seat Back Cushion Latch (Except HP5)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the front seat center armrest. Refer to **Front Seat Center Armrest Replacement**.	
1	Front Center Seat Back Cushion Latch Nut (Qty: 2) **CAUTION:** **Refer to Fastener Caution .** **Tighten** 9 N.m (80 lb in)
2	Front Center Seat Back Cushion Latch

FRONT CENTER SEAT BACK CUSHION LATCH REPLACEMENT (HP5)

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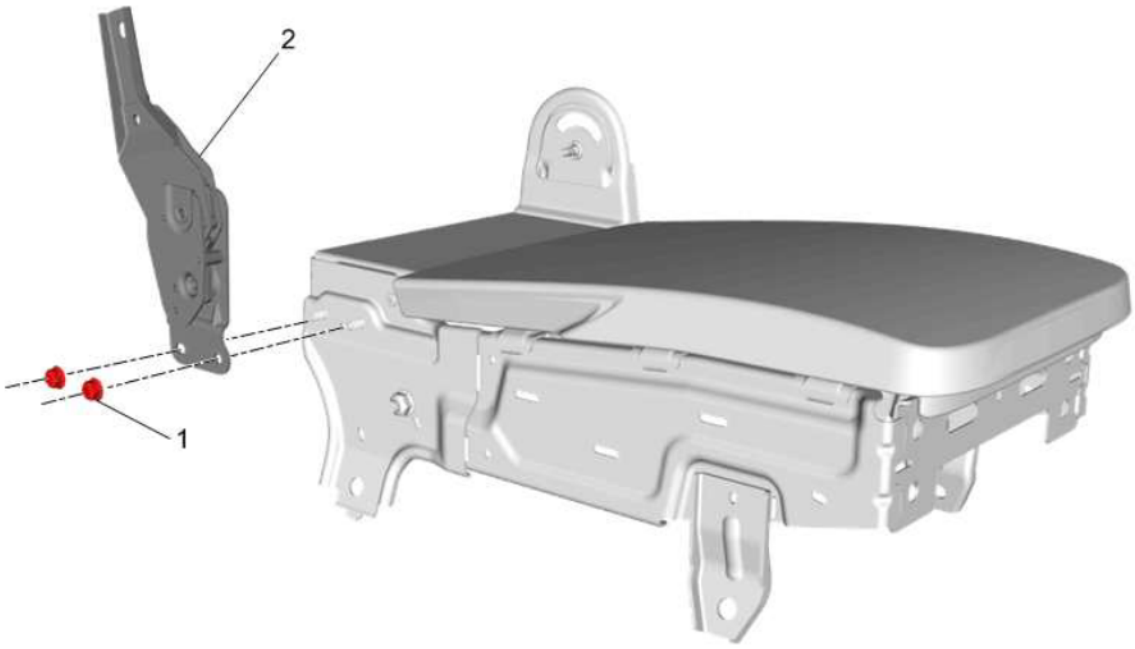


Fig. 48: Front Center Seat Back Cushion Latch (HP5)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. **Front Seat Center Armrest Replacement** 2. **Front Seat Cushion Center Cover Replacement (HP5)**	
1	Front Center Seat Back Cushion Latch Nut **CAUTION:** **Refer to Fastener Caution .** **Tighten** 9 N.m (80 lb in)
2	Front Center Seat Back Cushion Latch

DRIVER OR PASSENGER SEAT LUMBAR SUPPORT REPLACEMENT (2 WAY MANUAL)

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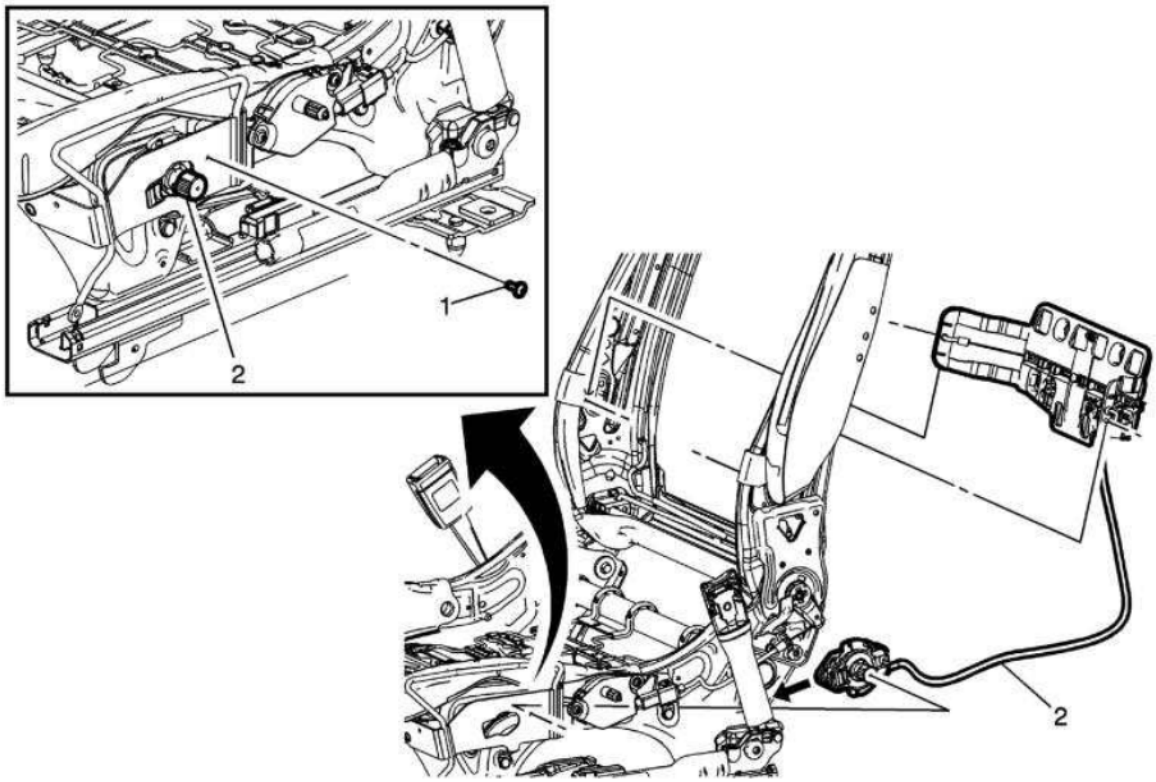


Fig. 49: Driver or Passenger Seat Lumbar Support (2 Way Manual)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure 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 Lumbar Support Screw **CAUTION:** **Refer to Fastener Caution .**
2	Driver or Passenger Seat Lumbar Support **Procedure** 1. Note the routing of the lumbar cable for installation. 2. Disengage the lumbar actuator lever clip from the seat cushion frame. 3. Push inward on both side of the lumbar support to disengage the locator tabs. 4. Pull the lumbar support up and rearward until the lumbar support disengages from the seat back frame.

DRIVER OR PASSENGER SEAT LUMBAR SUPPORT ACTUATOR KNOB REPLACEMENT (8 WAY POWER)

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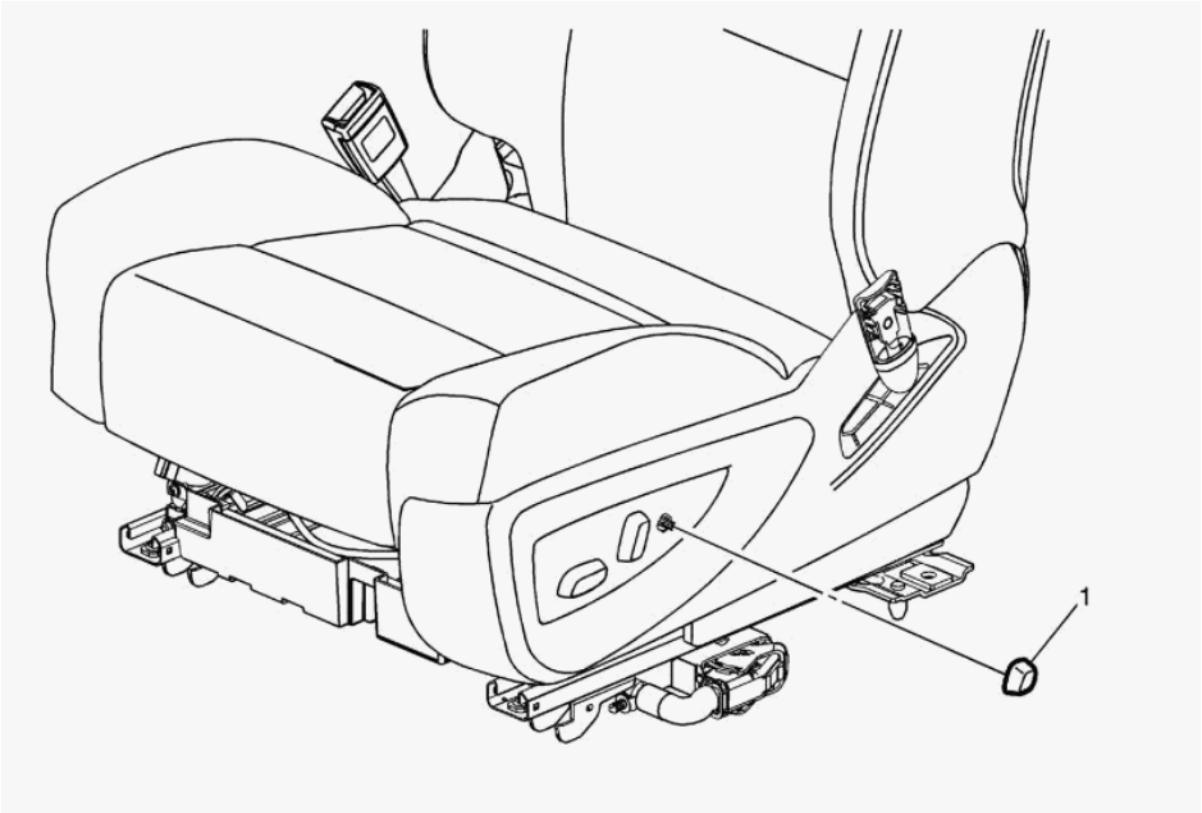


Fig. 50: Driver or Passenger Seat Lumbar Support Actuator Knob (8 Way Power)
Courtesy of GENERAL MOTORS COMPANY

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

DRIVER SEAT LUMBAR SUPPORT ACTUATOR LEVER REPLACEMENT (2 WAY MANUAL)

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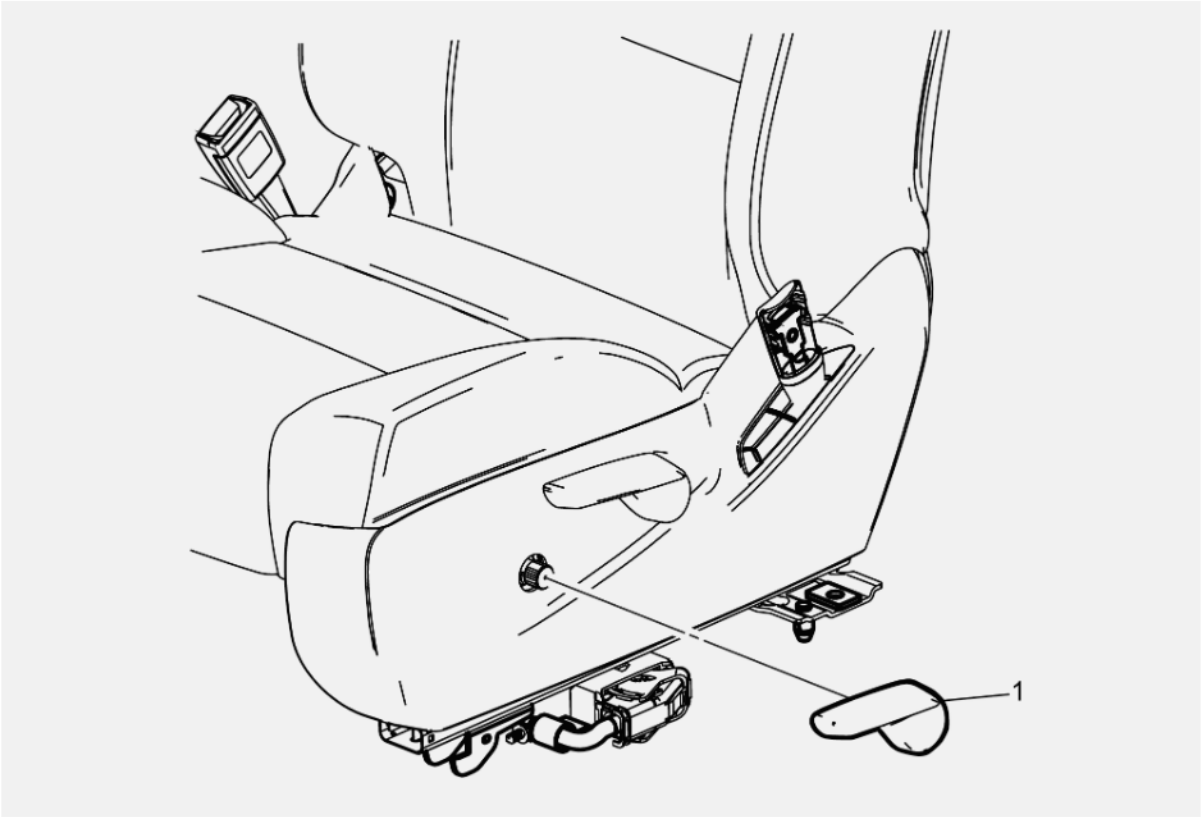


Fig. 51: Driver Seat Lumbar Support Actuator Lever (2 Way Manual)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Driver Seat Lumbar Support Actuator Lever **CAUTION:** **Do not twist the cover during removal. Twisting the cover may cause the component to break.** **Procedure** Use a flat-bladed tool to remove the driver seat lumbar support actuator lever.

REAR SEAT SEPARATION (WITH A68)

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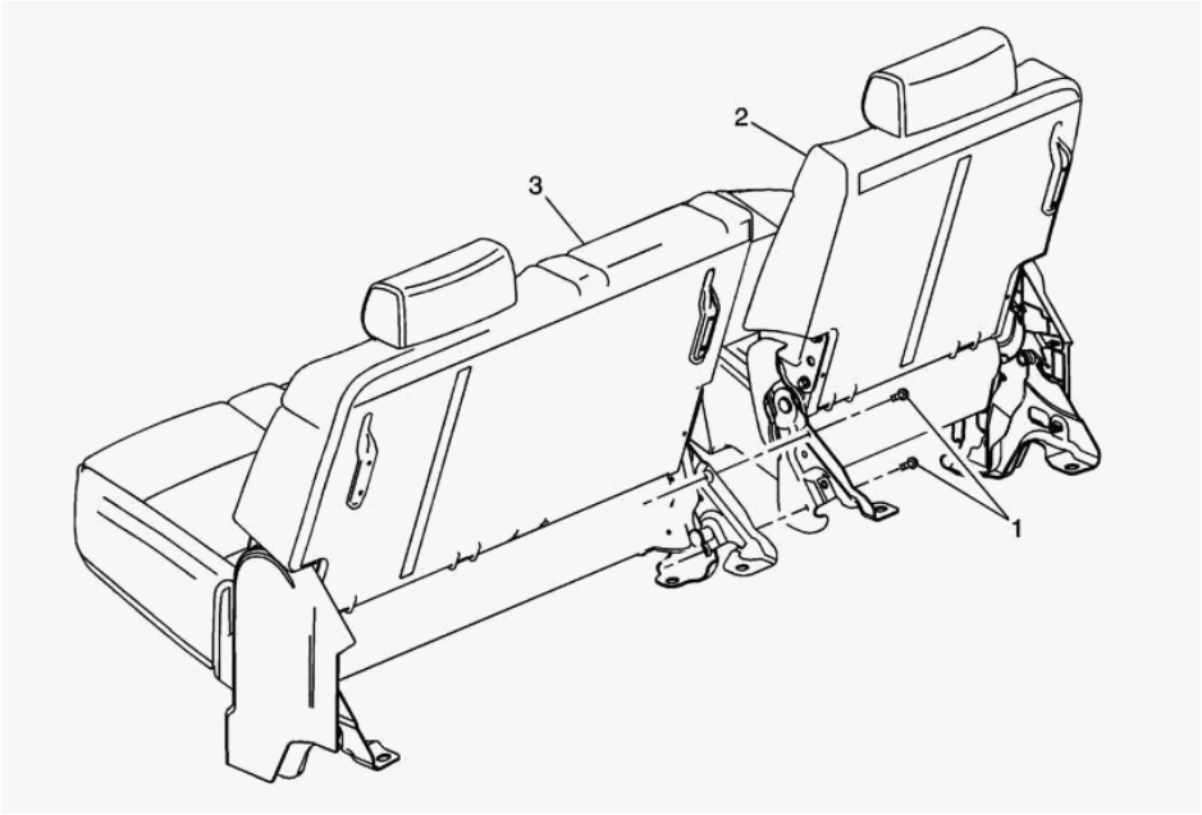


Fig. 52: Rear Seat Separation (with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the rear seat. Refer to **Rear Seat Removal and Installation (Heavy Duty Crew Cab with A68)Rear Seat Removal and Installation (Light Duty Crew Cab with A68)Rear Seat Removal and Installation (Extended Cab with A68)**.	
1	Rear Seat Latch Bolt (Qty: 2) **CAUTION:** **Refer to** **Fastener Caution** . **Procedure** If separating the seats in the vehicle, fold the seat bottom up to gain access to the bolts. **Tighten** 9 N.m (80 lb in)
2	Rear Seat Assembly - 40 Percent
3	Rear Seat Assembly - 60 Percent

REAR SEAT REMOVAL AND INSTALLATION (EXTENDED CAB WITH AM7)

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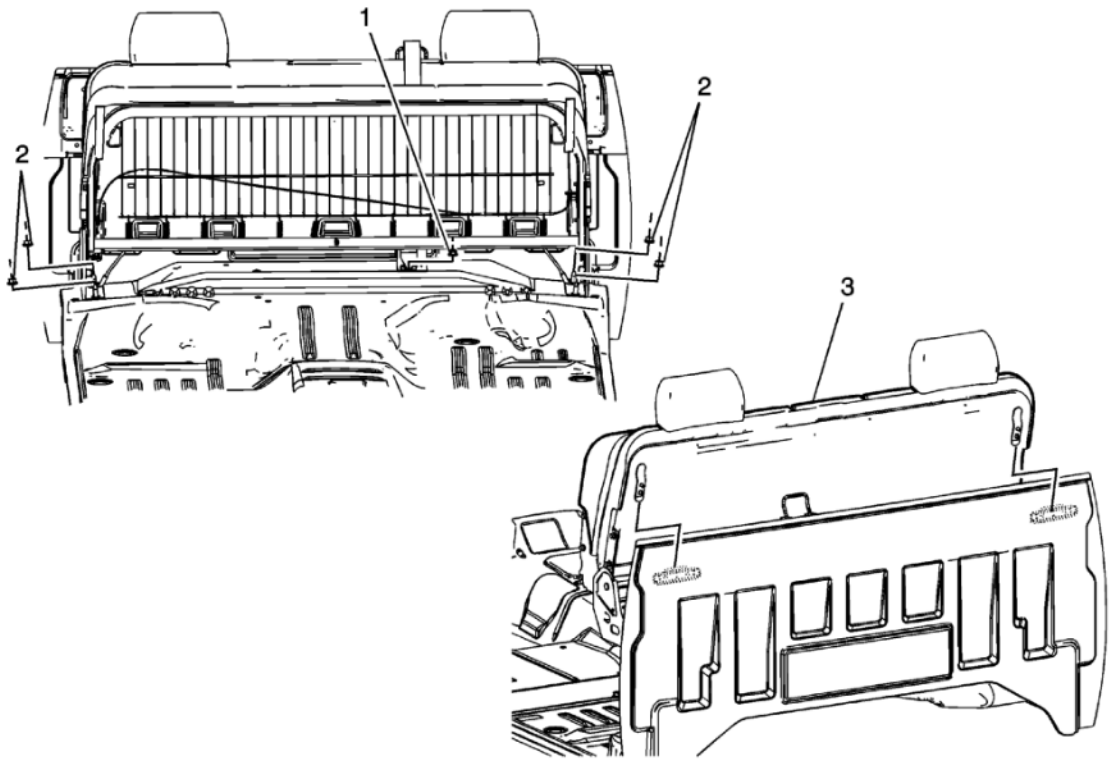


Fig. 53: Rear Seat (Extended Cab with AM7)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Rear Seat Belt Anchor Nut **CAUTION:** **Refer to** **Fastener** **Caution** . **TIP:** Fold the rear seat cushion up to access the nut. **Tighten** 50 N.m (37 lb ft)
2	Rear Seat Nut (Qty: 4) **Tighten** 50 N.m (37 lb ft)
3	Rear Seat Assembly **TIP:** Lift the seat assembly upward to release the rear seat back hooks from the rear of the cab.

REAR SEAT REMOVAL AND INSTALLATION (HEAVY DUTY CREW CAB WITH A68)

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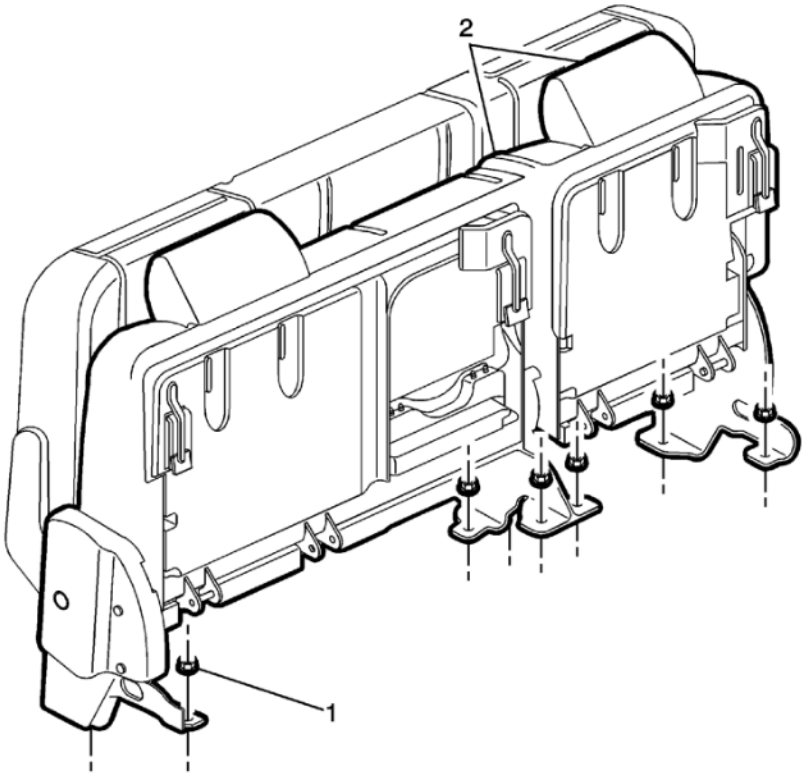


Fig. 54: Rear Seat (Heavy Duty Crew Cab With A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the rear seat belt buckle. Refer to **Rear Seat Belt Buckle Replacement (Extended Cab with A68)** .	
1	Rear Seat Assembly Nut (Qty: 8) **CAUTION:** **Refer to** **Fastener** **Caution** . **Procedure** Remove nut and slide seat belt webbing through the rear seat and out of the way. **TIP:** Fold the rear seat cushion up to access the nuts. **Tighten** 50 N.m (37 lb ft)
2	Rear Seat Assembly 1. Split the rear seats if only one seat is to removed at a time. Refer to **Rear Seat Separation (with A68)**. 2. Lift the seat assembly upward to release the rear seat back hooks from the rear of the cab. 3. During installation flip rear edge of carpet out of the way to prevent the carpet from

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Callout	Component Name
	being installed under any of the seat hardware/attachments.

REAR SEAT REMOVAL AND INSTALLATION (LIGHT DUTY CREW CAB WITH A68)

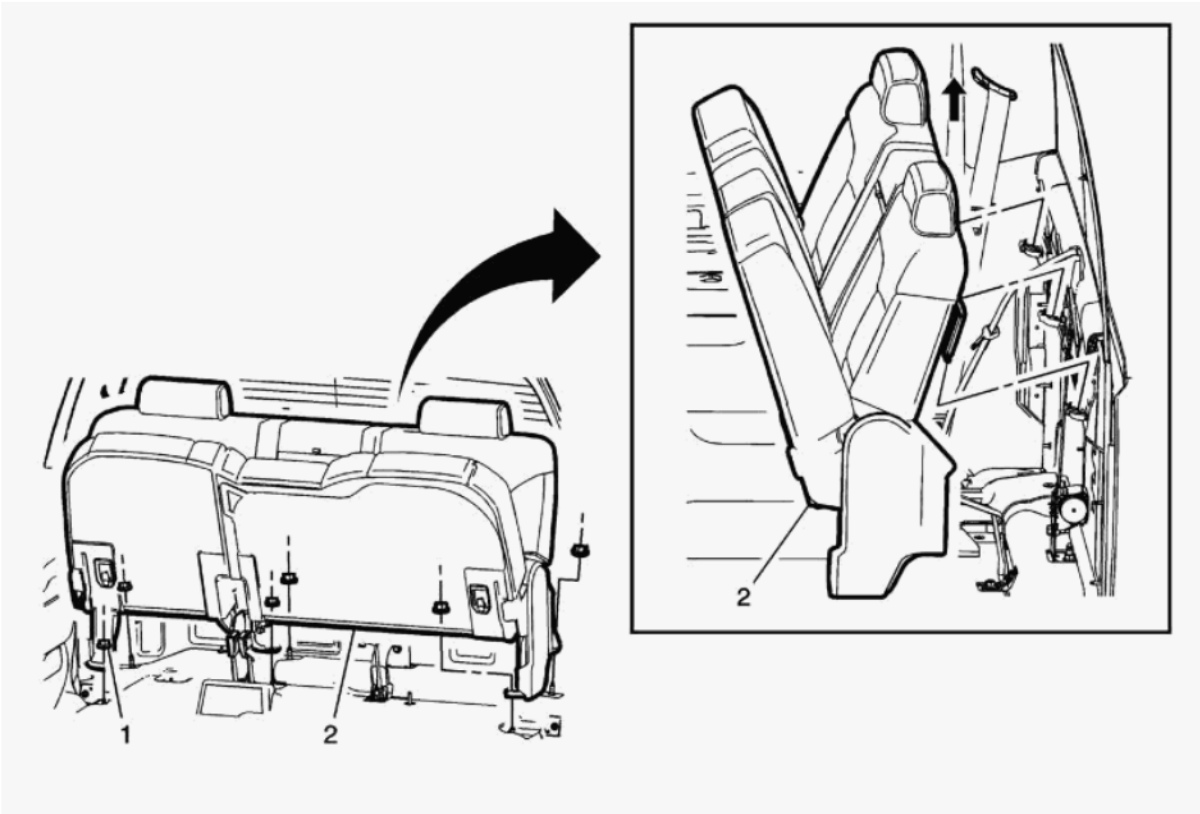


Fig. 55: Rear Seat (Light Duty Crew Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the rear seat belt buckle. Refer to **Rear Seat Belt Buckle Replacement (Crew Cab)** .	
1	Rear Center Seat Belt Anchor Nut **CAUTION:** **Refer to** **Fastener** **Caution** . **Procedure** Remove nut and slide seat belt webbing through the rear seat and out of the way. **Tighten** 45 N.m (33 lb ft)
2	Rear Seat Assembly Nut (Qty: 8) **Procedure** Fold the rear seat cushion up to gain access to the nuts.

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Callout	Component Name
	Tighten 50 N.m (37 lb ft)
3	Rear Seat Assembly **Procedure** 1. Split the rear seats if only one seat is to removed at a time. Refer to **Rear Seat Separation (with A68)** 2. Lift the seat assembly upward to release the rear seat back hooks from the rear of the cab. 3. During installation flip rear edge of carpet out of the way to prevent the carpet from being installed under any of the seat hardware/attachments.

REAR SEAT REMOVAL AND INSTALLATION (EXTENDED CAB WITH A68)

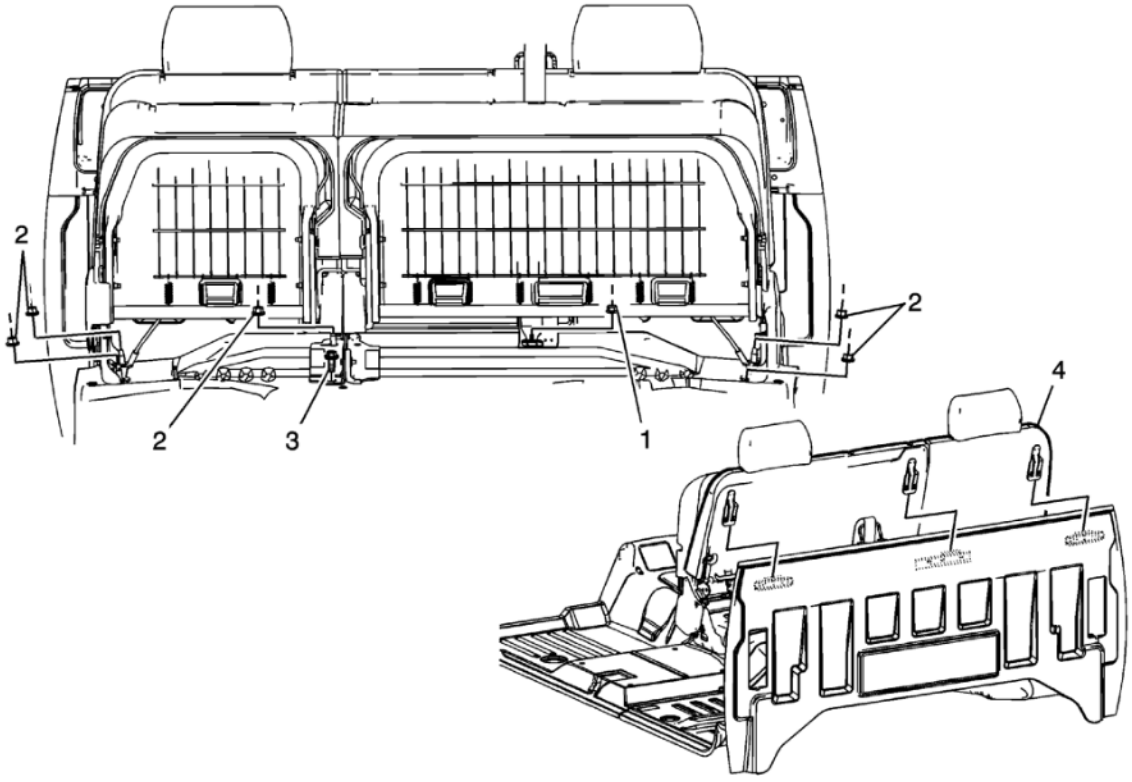


Fig. 56: Rear Seat (Extended Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the rear seat belt buckle. Refer to **Rear Seat Belt Buckle Replacement (Extended Cab with A68)** .	
1	Rear Seat Belt Anchor Nut **CAUTION:**

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Callout	Component Name
	Refer to Fastener Caution . **TIP:** Fold the rear seat cushion up to access the nut. **Tighten** 50 N.m (37 lb ft)
2	Rear Seat Nut (Qty: 5) **Tighten** 50 N.m (37 lb ft)
3	Rear Seat Bolt **Tighten** 50 N.m (37 lb ft)
4	Rear Seat Assembly 1. Split the rear seats if only one seat is to removed at a time. Refer to Rear Seat Separation (with A68). 2. Lift the seat assembly upward to release the rear seat back hooks from the rear of the cab.

REAR SEAT ARMREST REPLACEMENT (CREW CAB WITH A68)

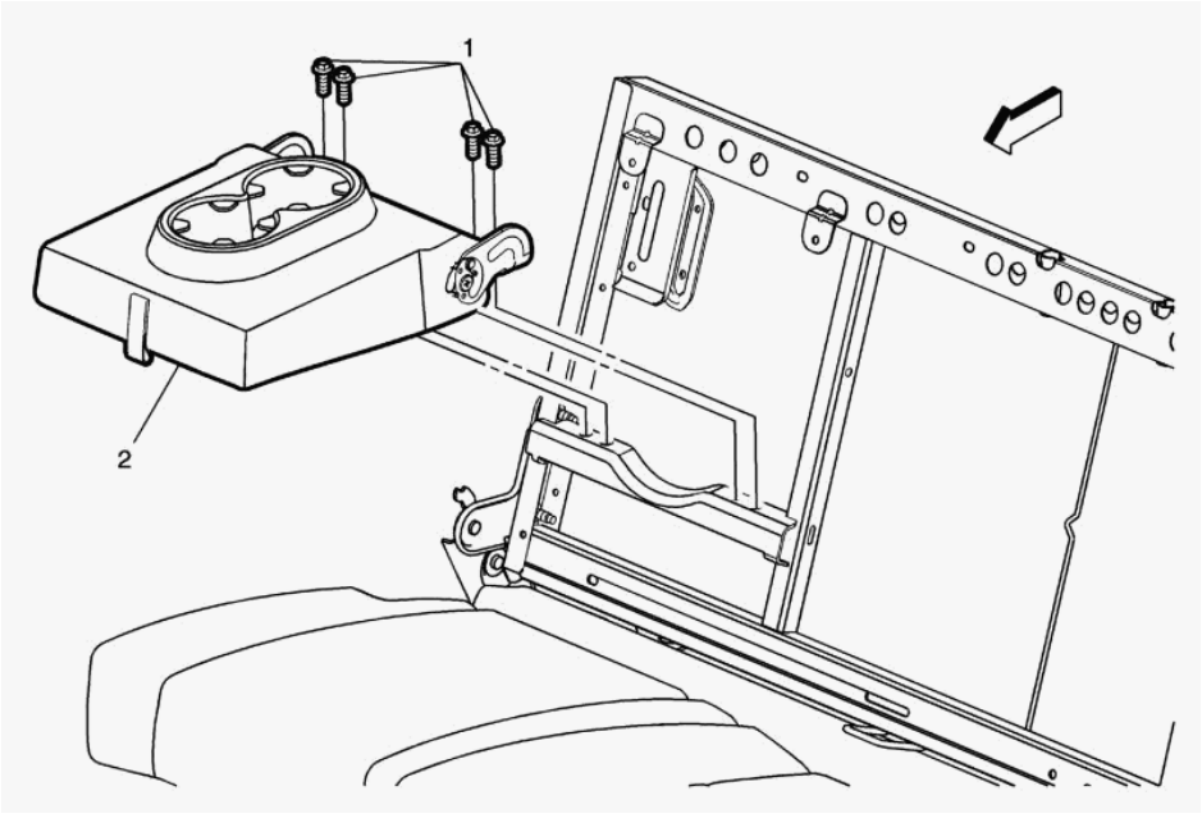


Fig. 57: Rear Seat Armrest (Crew Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

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Callout	Component Name
Preliminary Procedure Remove the rear seat armrest support finish cover. Refer to **Rear Seat Armrest Support Finish Cover Replacement (Crew Cab with A68)**.	
1	Rear Seat Armrest Bolt (Qty: 4) **CAUTION:** **Refer to** **Fastener Caution** . **Tighten** 9 N.m (80 lb in)
2	Rear Seat Armrest

REAR SEAT ARMREST SUPPORT FINISH COVER REPLACEMENT (CREW CAB WITH A68)

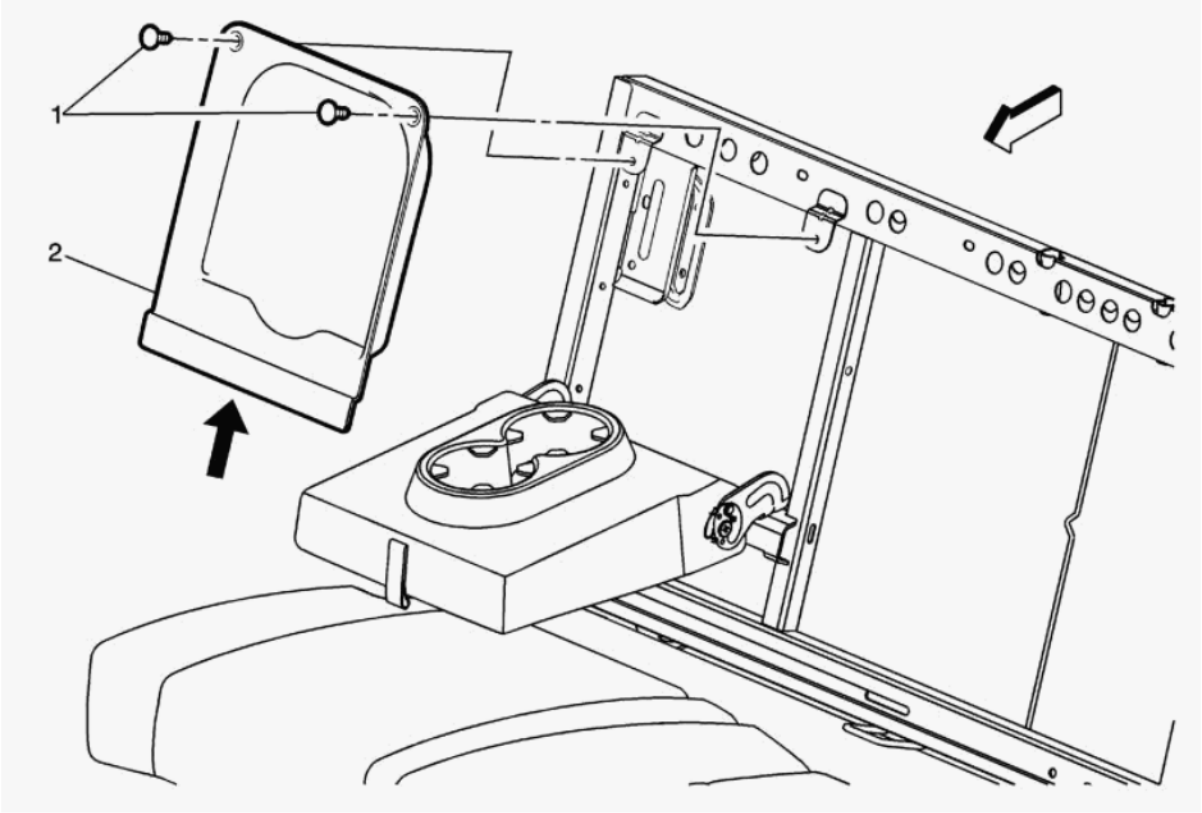


Fig. 58: Rear Seat Armrest Support Finish Cover (Crew Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. Remove the rear seat. Refer to **Rear Seat Removal and Installation (Heavy Duty Crew Cab with A68)Rear Seat Removal and Installation (Light Duty Crew Cab with A68)**. 2. Separate the rear split bench seat. Refer to **Rear Seat Separation (with A68)**.	

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Callout	Component Name
3. Remove the rear seat latch finish cover. Refer to **Rear Seat Latch Finish Cover Replacement (Crew Cab with A68)**. 4. Remove the rear seat head restraint guides. Refer to **Rear Seat Head Restraint Guide Replacement**. 5. Remove the rear seat back cover and pad. Refer to **Rear Seat Back Cushion Cover and Pad Replacement (Crew Cab with A68)**.	
1	Rear Seat Armrest Support Finish Cover Retainer (Qty: 2)
2	Rear Seat Armrest Support Finish Cover **Procedure** Disengage the rear seat armrest support finish cover by pulling up to separate it from the rear seat back frame.

REAR SEAT INNER HINGE FINISH COVER REPLACEMENT (40 PERCENT WITH A68)

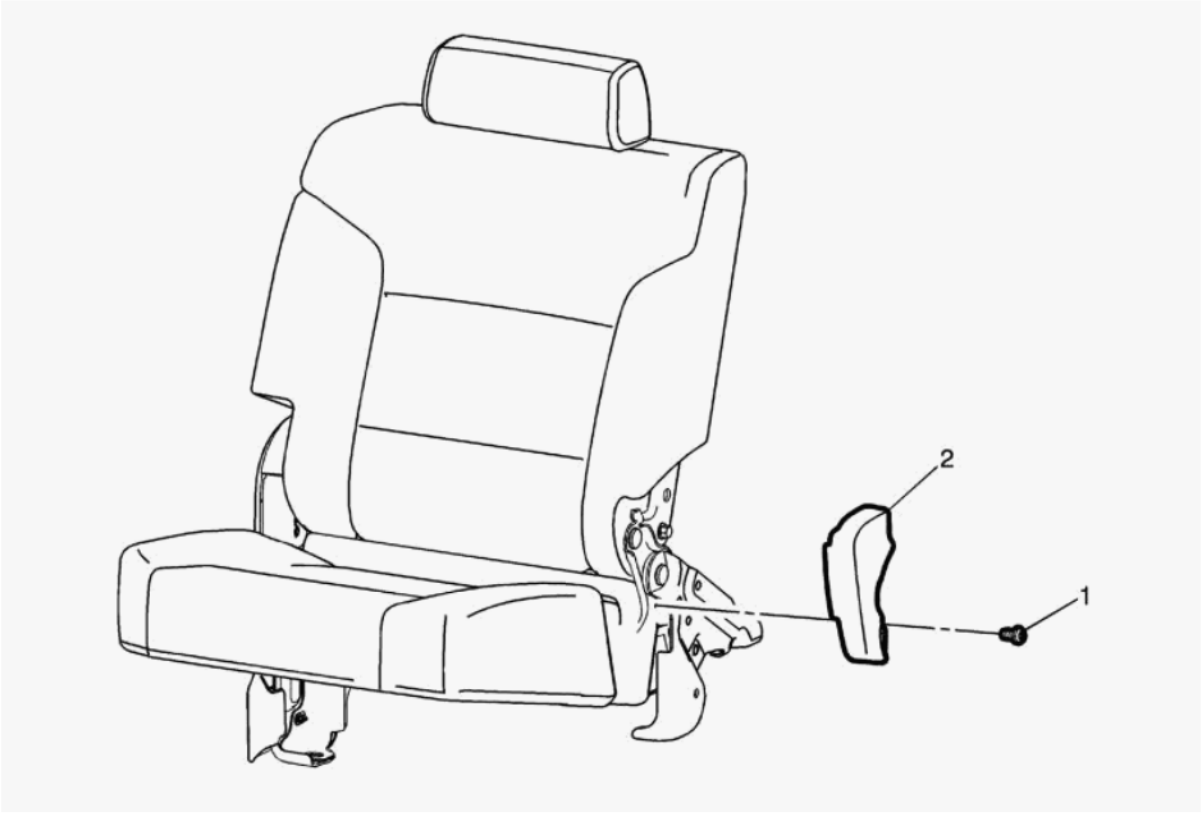


Fig. 59: Rear Seat Inner Hinge Finish Cover (40 Percent with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the rear seat separation. Refer to **Rear Seat Separation (with A68)**.	
1	Rear Seat Inner Hinge Finish Cover Bolt **CAUTION:**

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Callout	Component Name
	Refer to Fastener Caution .
2	Rear Seat Inner Hinge Finish Cover **Procedure** Gently pull outward near the retainer clip location to disengage the cover from the rear seat latch.

REAR SEAT INNER HINGE FINISH COVER REPLACEMENT (60 PERCENT WITH A68)

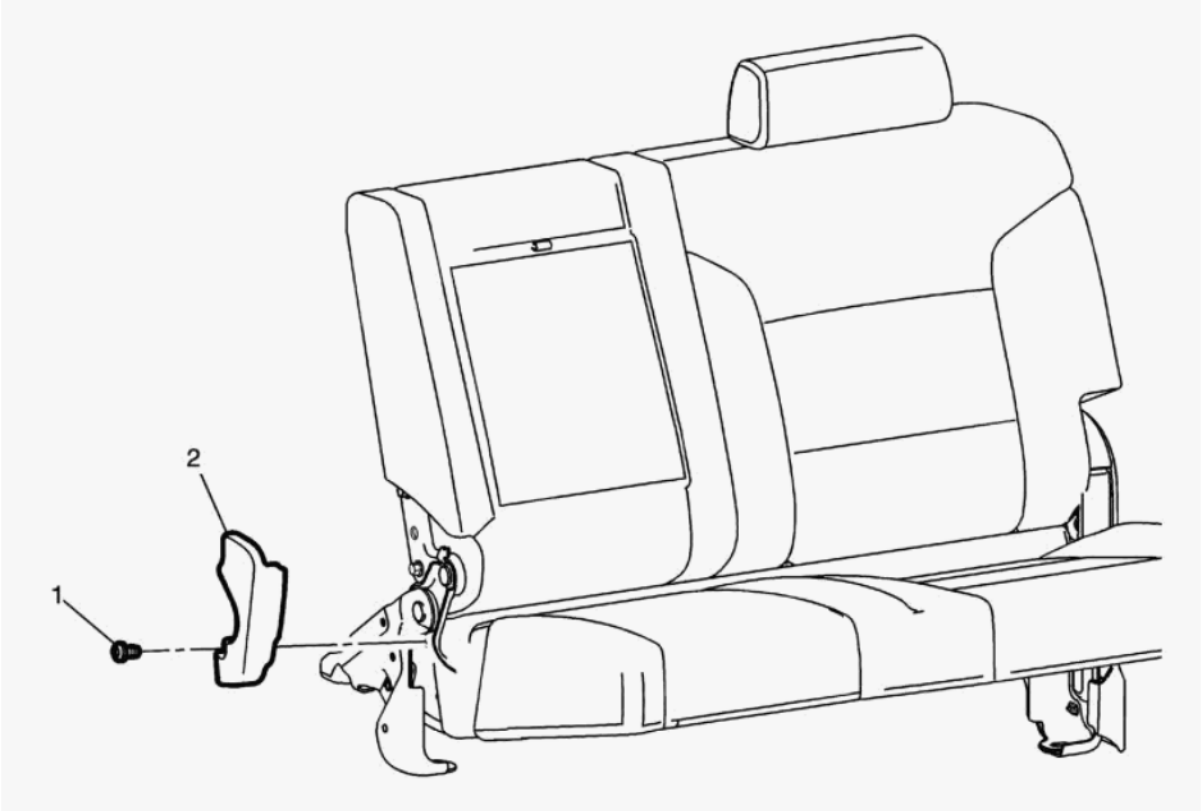


Fig. 60: Rear Seat Inner Hinge Finish Cover (60 Percent with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the rear seat separation. Refer to Rear Seat Separation (with A68).	
1	Rear Seat Inner Hinge Finish Cover Bolt **CAUTION:** **Refer to** Fastener Caution .
2	Rear Seat Inner Hinge Finish Cover **Procedure** Gently pull outward near the retainer clip location to disengage the cover from the rear seat latch.

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REAR SEAT HEAD RESTRAINT REPLACEMENT

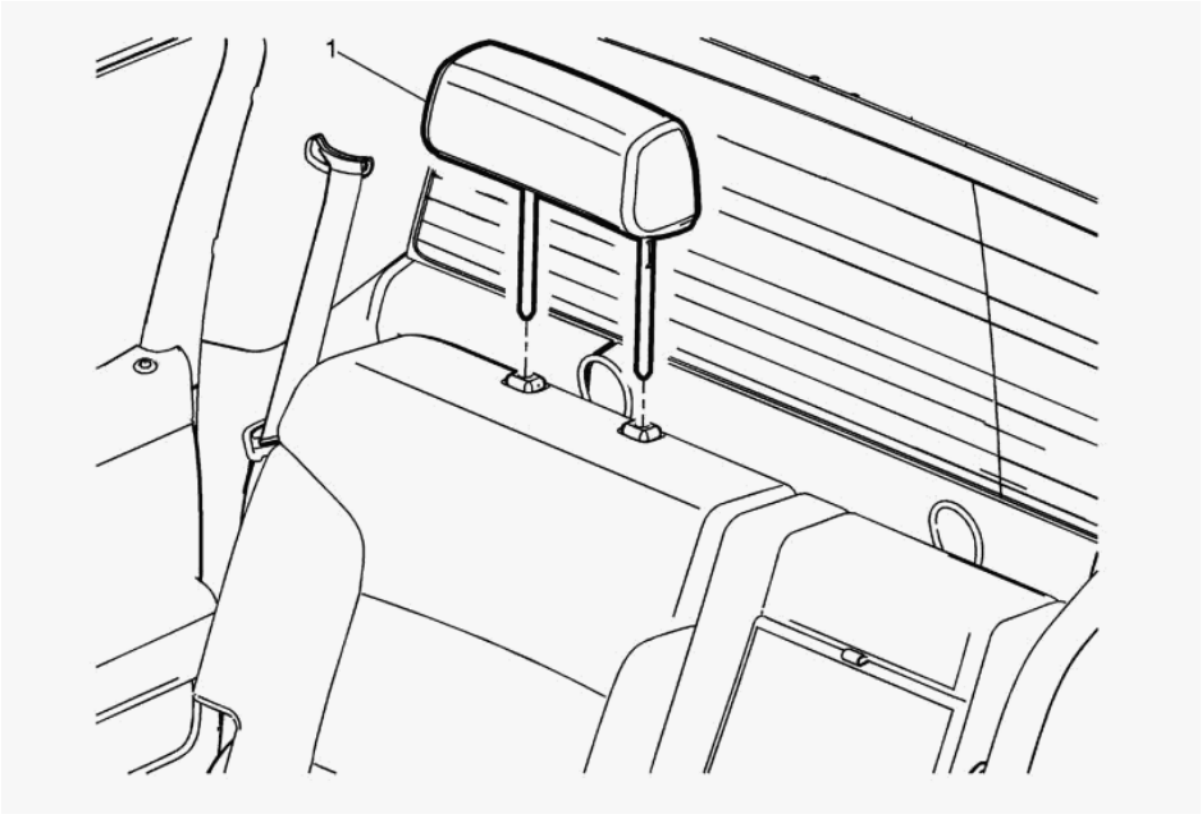


Fig. 61: Rear Seat Head Restraint
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Rear Seat Head Restraint **Procedure** 1. Depress the button on the inboard head restraint guide to raise the head restraint to the full up position. 2. Insert a small diameter tool into the hole on the inboard side of both head restraint guides and pull upward to remove.

REAR SEAT HEAD RESTRAINT GUIDE REPLACEMENT

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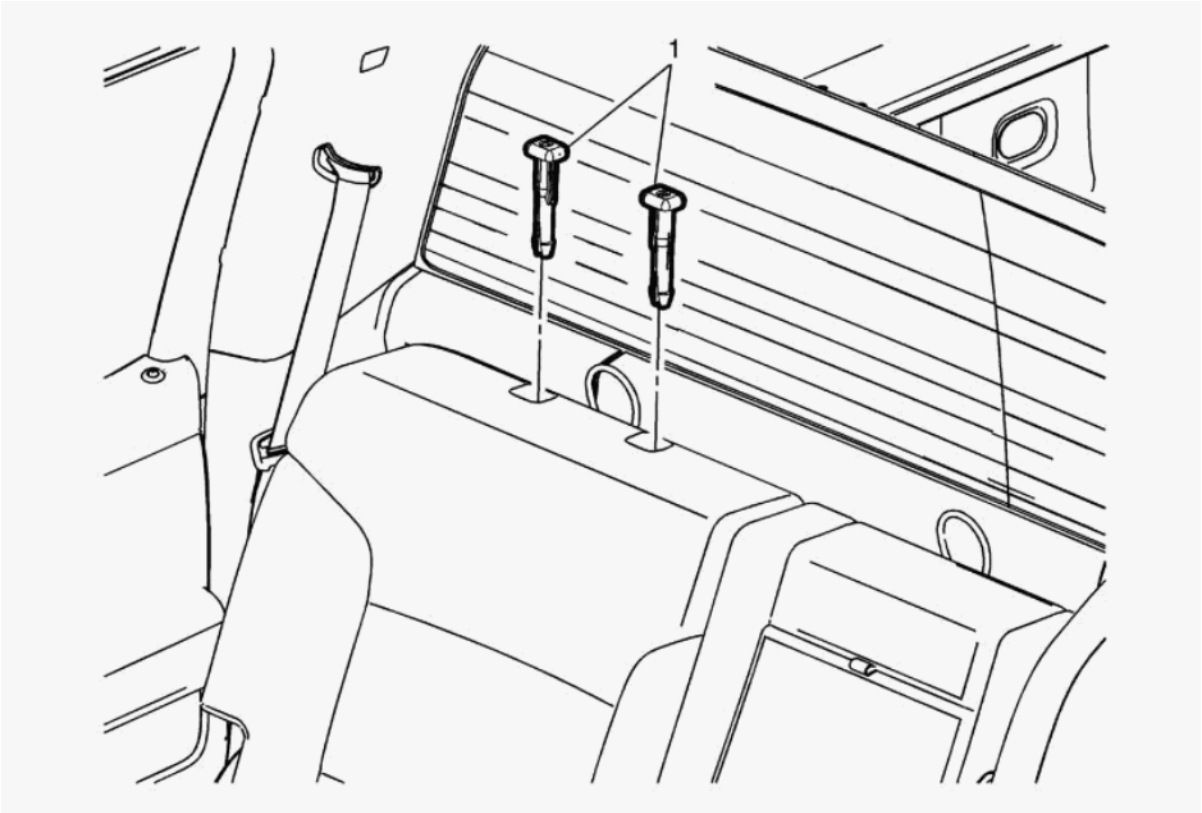


Fig. 62: Rear Seat Head Restraint Guide
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure 1. Remove the rear seat head restraint. Refer to **Rear Seat Head Restraint Replacement**. 2. Remove the rear seat. Refer to **Rear Seat Removal and Installation (Extended Cab with AM7)Rear Seat Removal and Installation (Heavy Duty Crew Cab with A68)Rear Seat Removal and Installation (Light Duty Crew Cab with A68)Rear Seat Removal and Installation (Extended Cab with A68)**.	
1	Rear Seat Head Restraint Guide (Qty: 2) **Procedure** 1. Release the j-channel at the bottom of the seat back and pull the seat back cover up enough to gain access to the head restraint guides. 2. Squeeze the bottom of the head restraint guide together and push up to remove.

REAR SEAT CUSHION COVER AND PAD REPLACEMENT (CREW CAB WITH A68)

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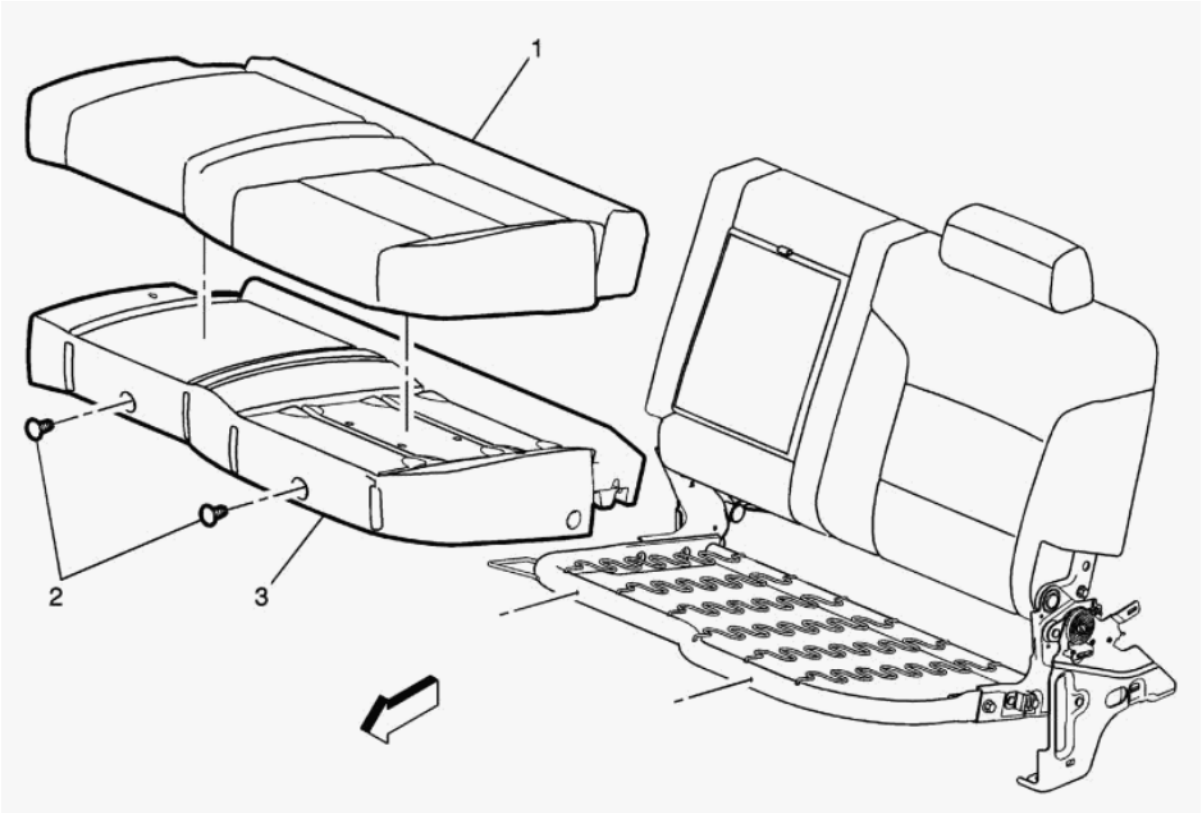


Fig. 63: Rear Seat Cushion Cover and Pad (Crew Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure 1. Remove the rear seat. Refer to **Rear Seat Removal and Installation (Heavy Duty Crew Cab with A68)Rear Seat Removal and Installation (Light Duty Crew Cab with A68)** 2. Separate the rear split bench seat. Refer to **Rear Seat Separation (with A68)** 3. Remove the rear seat latch finish cover. Refer to **Rear Seat Latch Finish Cover Replacement (Crew Cab with A68)** 4. Remove the rear seat inner hinge finish cover. Refer to **Rear Seat Inner Hinge Finish Cover Replacement (40 Percent with A68)Rear Seat Inner Hinge Finish Cover Replacement (60 Percent with A68)**	
1	Rear Seat Cushion Cover **Procedure** 1. Disconnect the j-channel from the seat cushion frame. 2. Remove the seat cushion cover and pad as an assembly from the frame. 3. Remove the seat cushion cover from the pad. 4. 60% seat shown, 40% seat similar.
2	Rear Seat Cushion Cover Retainer (Qty: 2)
3	Rear Seat Cushion Pad

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REAR SEAT CUSHION COVER AND PAD REPLACEMENT (EXTENDED CAB WITH A68)

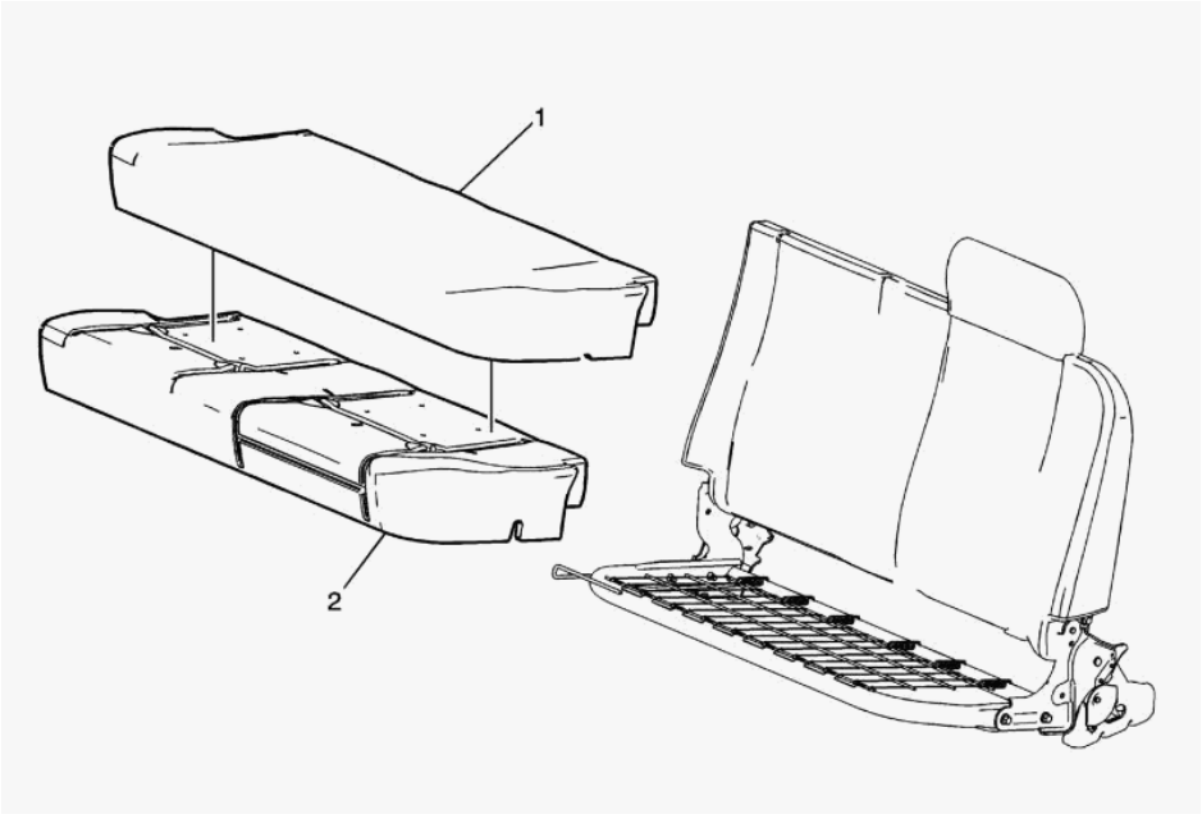


Fig. 64: Rear Seat Cushion Cover and Pad (Extended Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. Remove the rear seat. Refer to **Rear Seat Removal and Installation (Extended Cab with A68)**. 2. Separate the rear split bench seat. Refer to **Rear Seat Separation (with A68)**. 3. Remove the rear seat inner hinge finish cover. Refer to **Rear Seat Inner Hinge Finish Cover Replacement (40 Percent with A68)Rear Seat Inner Hinge Finish Cover Replacement (60 Percent with A68)**. 4. Remove the rear seat latch finish cover. Refer to **Rear Seat Latch Finish Cover Replacement (Crew Cab with A68)**.	
1	Rear Seat Cushion Cover **Procedure** 1. Disconnect the j-channel from the seat cushion frame. 2. Remove the seat cushion cover and pad as an assembly from the frame. 3. Remove the seat cushion cover from the pad. 4. 60% seat shown, 40% seat similar.
2	Rear Seat Cushion Pad

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REAR SEAT CUSHION COVER AND PAD REPLACEMENT (EXTENDED CAB WITH AM7)

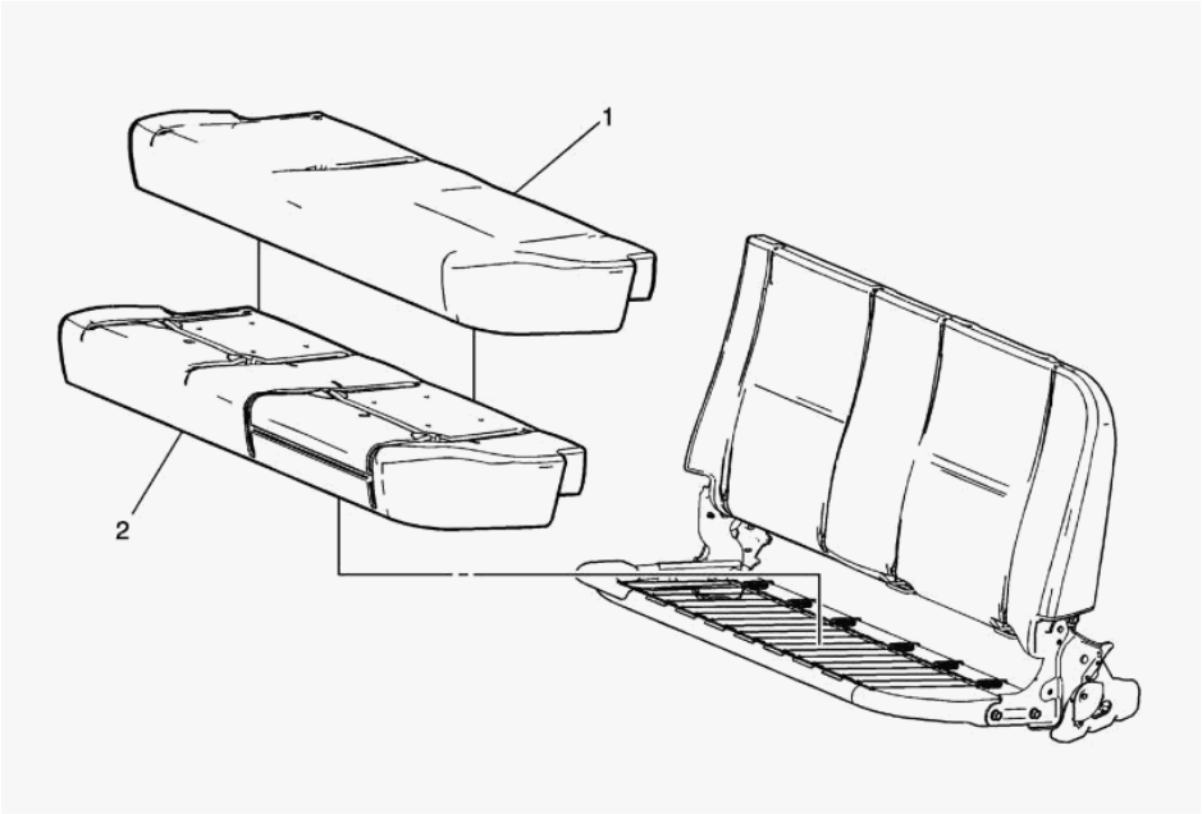


Fig. 65: Rear Seat Cushion Cover and Pad (Extended Cab with AM7)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. Remove the rear bench seat. Refer to **Rear Seat Removal and Installation (Extended Cab with AM7)**. 2. Remove the rear seat latch finish cover. Refer to **Rear Seat Latch Finish Cover Replacement (Crew Cab with A68)**.	
1	Rear Seat Cushion Cover **Procedure** 1. Disconnect the j-channel from the seat cushion frame. 2. Remove the seat cushion cover and pad as an assembly from the frame. 3. Remove the seat cushion cover from the pad.
2	Rear Seat Cushion Pad

REAR SEAT CUSHION FRAME REPLACEMENT (EXTENDED CAB WITH A68)

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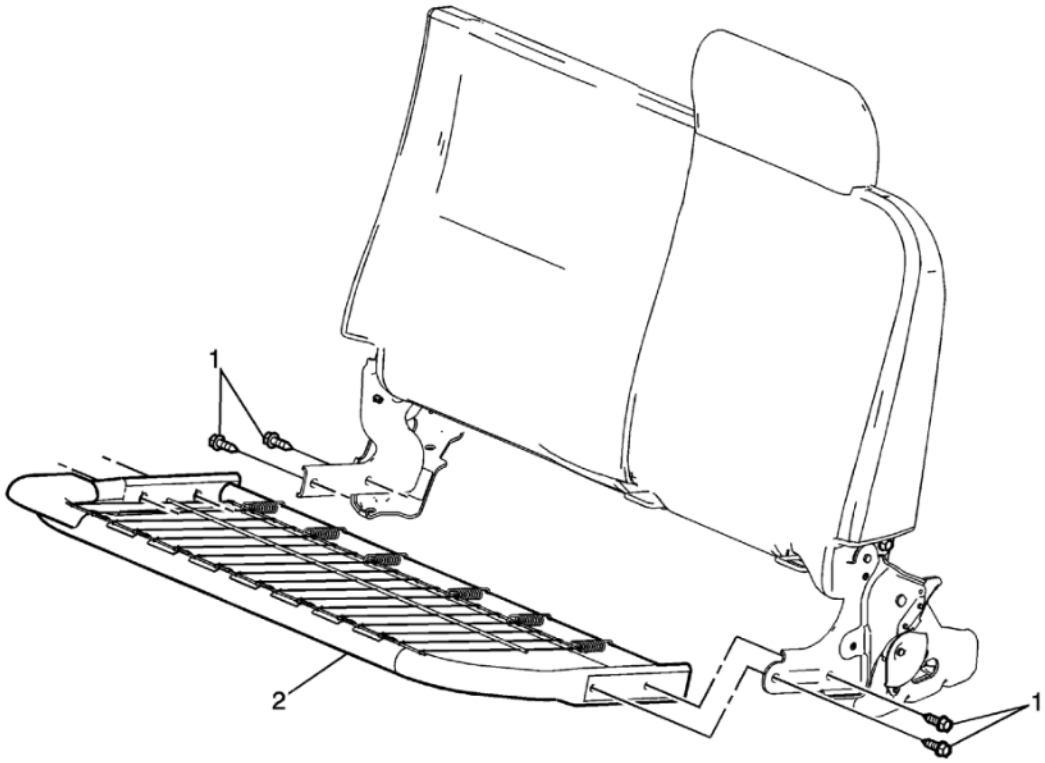


Fig. 66: Rear Seat Cushion Frame (Extended Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the rear seat cushion cover and pad. Refer to **Rear Seat Cushion Cover and Pad Replacement (Extended Cab with A68)**	
1	Rear Seat Cushion Frame Bolt (Qty: 4) **CAUTION:** **Refer to Fastener Caution .** **Tighten** 9 N.m (80 lb ft)
2	Rear Seat Cushion Frame

REAR SEAT CUSHION FRAME REPLACEMENT (CREW CAB WITH A68)

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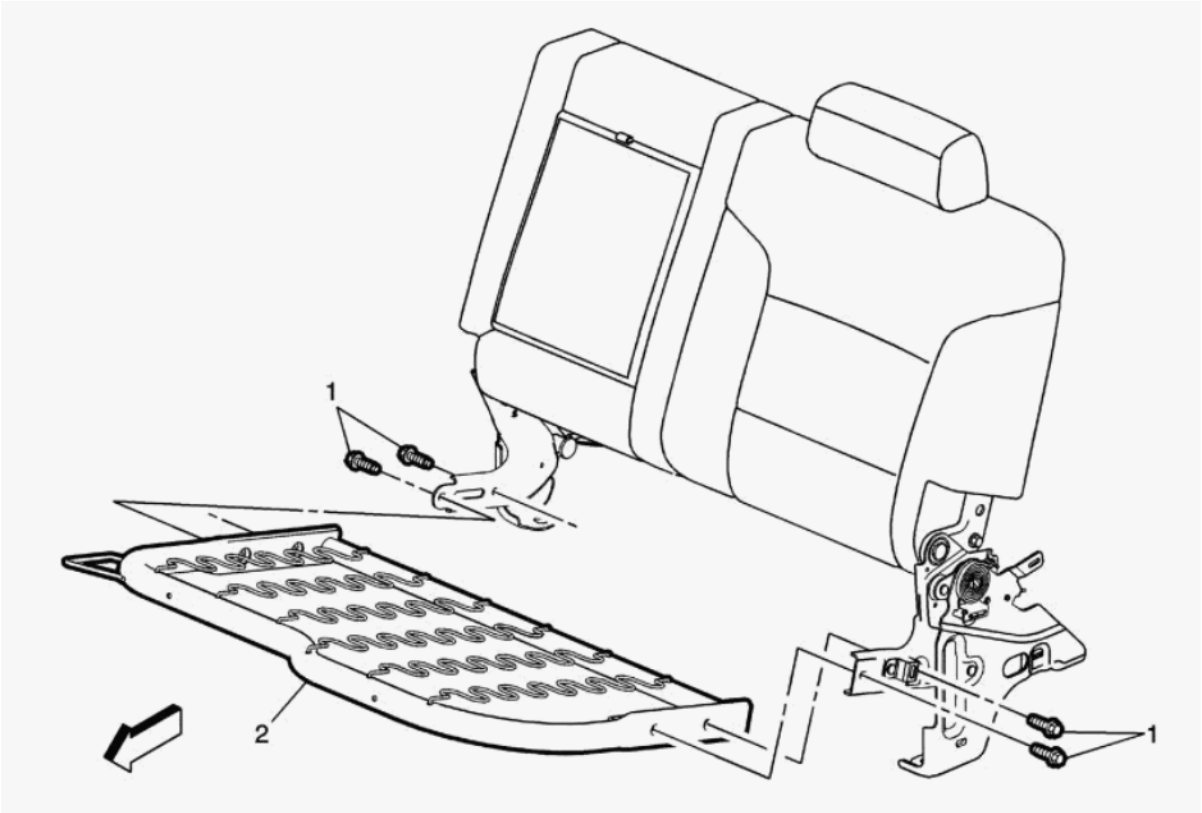


Fig. 67: Rear Seat Cushion Frame (Crew Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the rear seat cushion cover and pad. Refer to **Rear Seat Cushion Cover and Pad Replacement (Crew Cab with A68)**.	
1	Rear Seat Cushion Frame Bolts (Qty: 4) **CAUTION:** **Refer to** **Fastener Caution** . **Tighten** 9 N.m (80 lb in)
2	Rear Seat Cushion Frame **Procedure** 1. 60 percent seat shown, 40 percent seat similar. 2. Transfer components as necessary.

REAR SEAT CUSHION FRAME REPLACEMENT (EXTENDED CAB WITH AM7)

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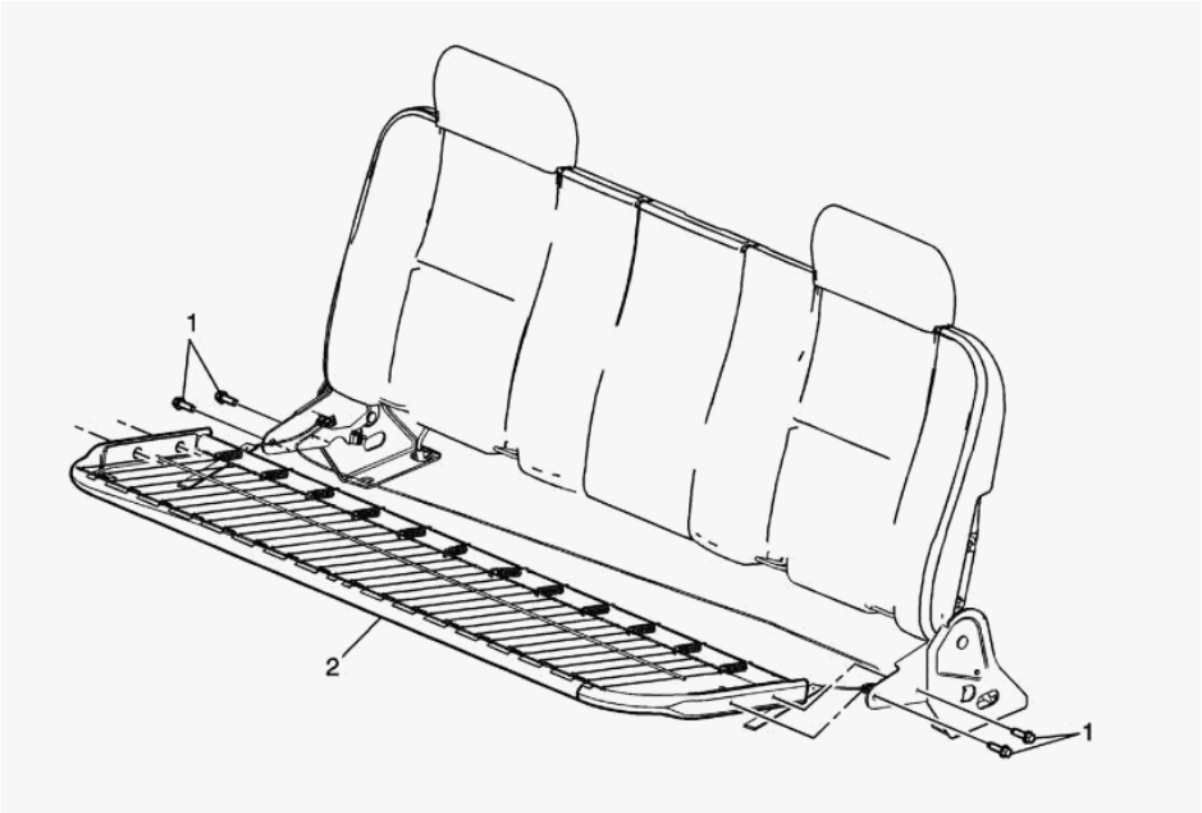


Fig. 68: Rear Seat Cushion Frame (Extended Cab with AM7)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. Remove the rear bench seat. Refer to **Rear Seat Removal and Installation (Extended Cab with AM7)**. 2. Remove the rear seat latch finish cover. Refer to **Rear Seat Latch Finish Cover Replacement (Crew Cab with A68)**. 3. Remove the rear seat cushion cover and pad. Refer to **Rear Seat Cushion Cover and Pad Replacement (Extended Cab with AM7)**.	
1	Rear Seat Cushion Frame Bolt (Qty: 4) **CAUTION:** **Refer to Fastener Caution .** **Tighten** 9 N.m (80 lb ft)
2	Rear Seat Cushion Frame

REAR SEAT LATCH REPLACEMENT (EXTENDED CAB WITH A68)

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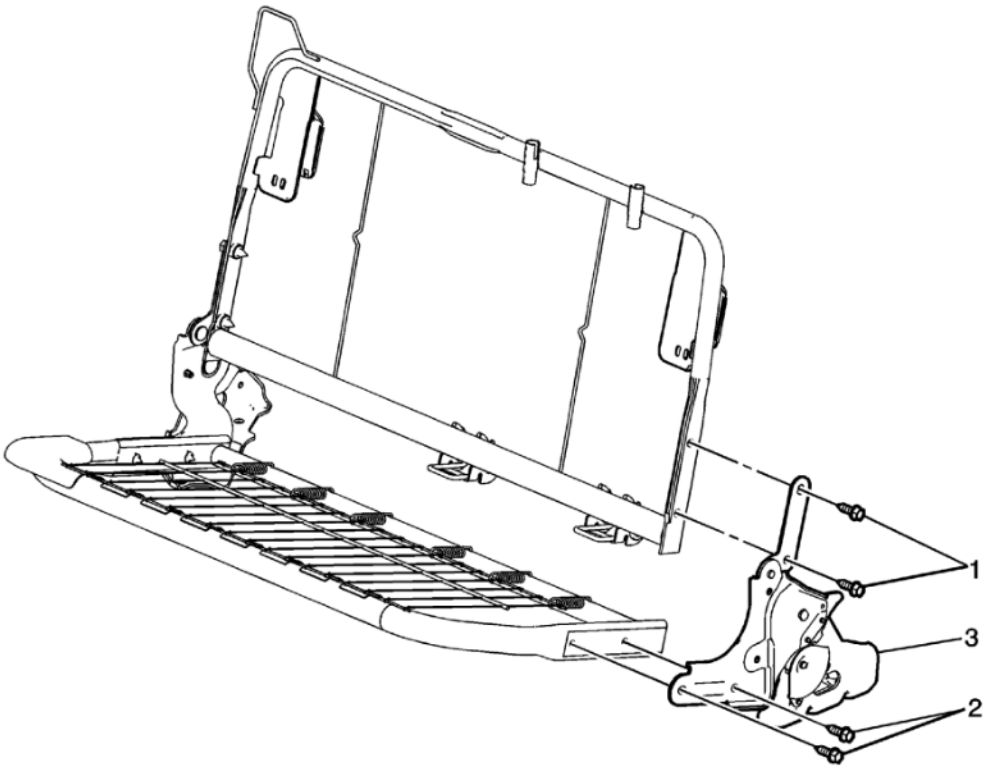


Fig. 69: Rear Seat Latch (Extended Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. Remove the rear seat back cover and pad. Refer to **Rear Seat Back Cushion Cover and Pad Replacement (Extended Cab with A68)**. 2. Remove the rear seat cushion cover and pad. Refer to **Rear Seat Cushion Cover and Pad Replacement (Extended Cab with A68)**.	
1	Rear Seat Back Cushion Frame Bolt (Qty: 2) **CAUTION:** **Refer to Fastener Caution .** **Tighten** 9 N.m (80 lb ft)
2	Rear Seat Cushion Frame Bolt (Qty: 2) **Tighten** 9 N.m (80 lb ft)
3	Rear Seat Latch (Qty: 2) **TIP:** 60 percent seat shown, 40 percent seat similar.

REAR SEAT LATCH REPLACEMENT (CREW CAB WITH A68)

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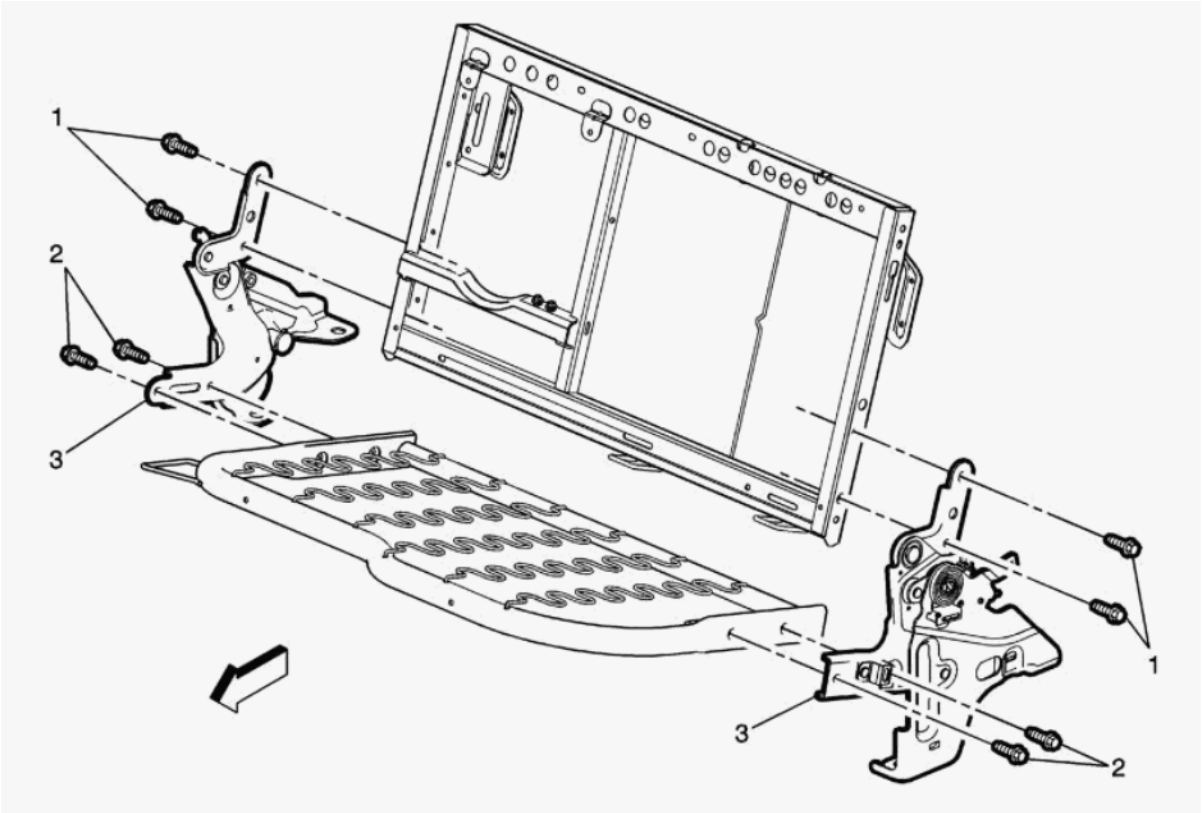


Fig. 70: Rear Seat Latch (Crew Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure 1. Remove the rear seat armrest support finish cover. Refer to. **Rear Seat Armrest Support Finish Cover Replacement (Crew Cab with A68)** 2. Remove the rear seat back cushion cover and pad. Refer to. **Rear Seat Back Cushion Cover and Pad Replacement (Crew Cab with A68)** 3. Remove the rear seat cushion cover and pad. Refer to. **Rear Seat Cushion Cover and Pad Replacement (Crew Cab with A68)**	
1	Rear Seat Back Cushion Frame Bolts (Qty: 4) **CAUTION:** **Refer to Fastener Caution .** **Tighten** 9 N.m (80 lb in)
2	Rear Seat Cushion Frame Bolts (Qty: 4) **Tighten** 9 N.m (80 lb in)

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Callout	Component Name
3	Rear Seat Back Cushion Frame **Procedure** 1. 60 percent seat shown, 40 percent seat similar. 2. Transfer components as necessary.

REAR SEAT LATCH REPLACEMENT (EXTENDED CAB WITH AM7)

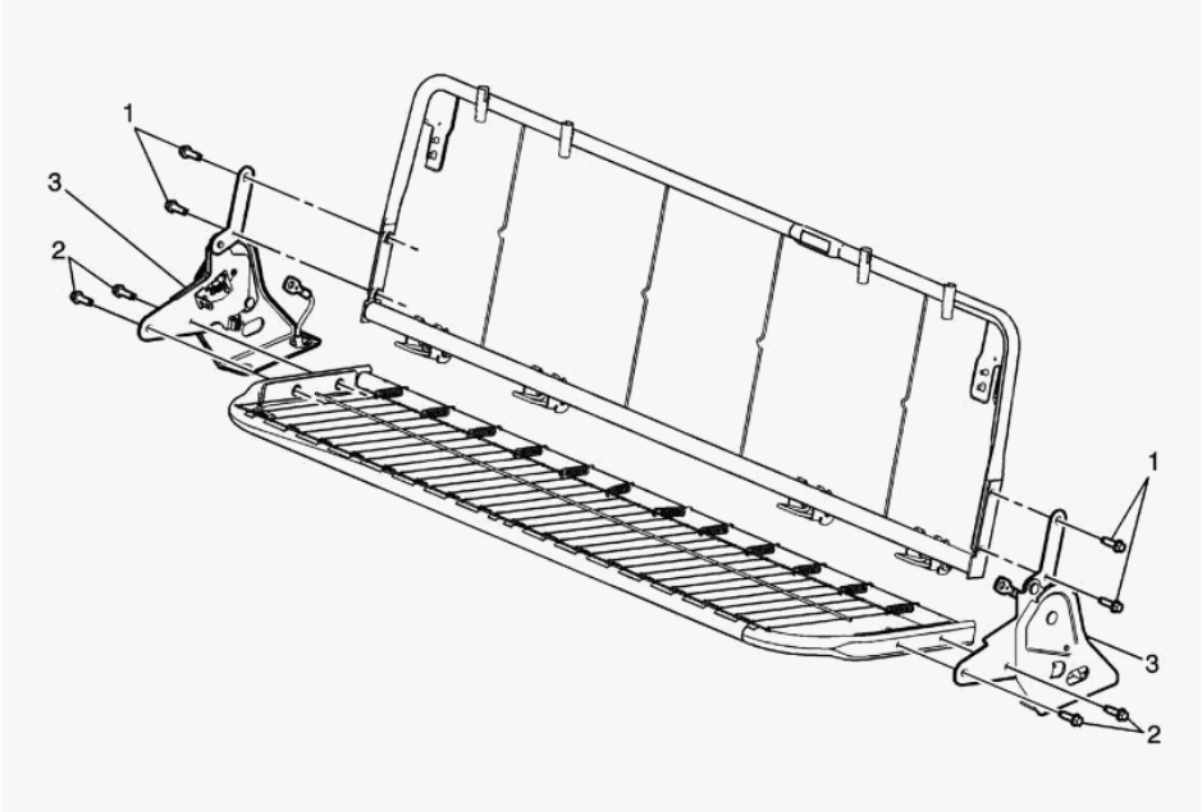


Fig. 71: Rear Seat Latch (Extended Cab with AM7)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures	
	1. Remove the rear bench seat. Refer to **Rear Seat Removal and Installation (Extended Cab with AM7)**. 2. Remove the rear seat latch finish cover. Refer to **Rear Seat Latch Finish Cover Replacement (Crew Cab with A68)**. 3. Remove the rear seat head restraint. Refer to **Rear Seat Head Restraint Replacement**. 4. Remove the rear seat head restraint guides. Refer to **Rear Seat Head Restraint Guide Replacement**. 5. Remove the rear seat back cover and pad. Refer to **Rear Seat Back Cushion Cover and Pad Replacement (Extended Cab with AM7)**. 6. Remove the rear seat cushion cover and pad. Refer to **Rear Seat Cushion Cover and Pad**

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Callout	Component Name
	Replacement (Extended Cab with AM7).
1	Rear Seat Back Cushion Frame Bolt (Qty: 4) **CAUTION:** **Refer to Fastener Caution .** **Tighten** 9 N.m (80 lb ft)
2	Rear Seat Cushion Frame Bolt (Qty: 4) **Tighten** 9 N.m (80 lb ft)
3	Rear Seat Latch (Qty: 2) **NOTE:** **Disconnect the latch cable.**

REAR SEAT BACK CUSHION COVER AND PAD REPLACEMENT (CREW CAB WITH A68)

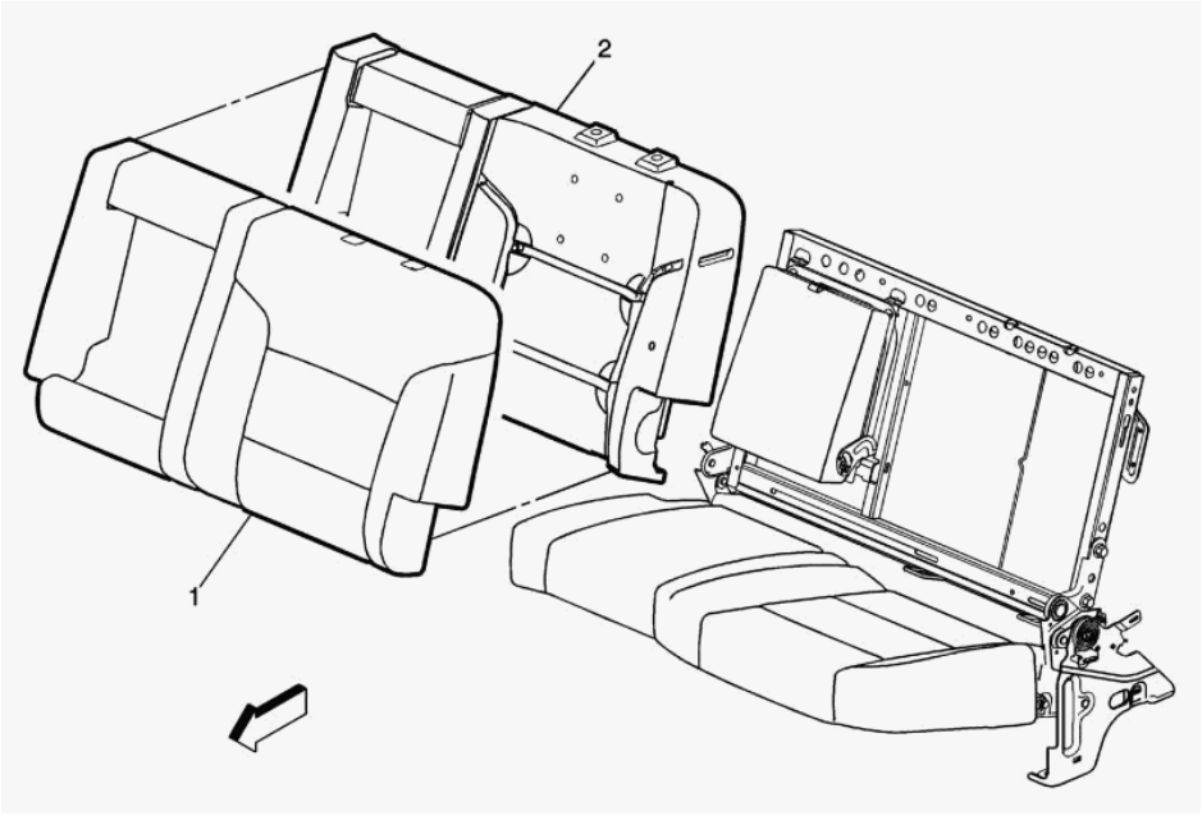


Fig. 72: Rear Seat Back Cushion Cover and Pad (Crew Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

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Callout	Component Name
Preliminary Procedure 1. Remove the rear seat. Refer to **Rear Seat Removal and Installation (Heavy Duty Crew Cab with A68)Rear Seat Removal and Installation (Light Duty Crew Cab with A68)** 2. Separate the rear split bench seat. Refer to **Rear Seat Separation (with A68)** 3. Remove the rear seat latch finish cover. Refer to **Rear Seat Latch Finish Cover Replacement (Crew Cab with A68)** 4. Remove the rear seat inner hinge finish cover. Refer to **Rear Seat Inner Hinge Finish Cover Replacement (40 Percent with A68)Rear Seat Inner Hinge Finish Cover Replacement (60 Percent with A68)** 5. Remove the rear seat head restraint guide. Refer to **Rear Seat Head Restraint Guide Replacement**	
1	Rear Seat Back Cushion Cover **Procedure** 1. Remove the rear seat back tether bolt. 2. Disconnect the j-channel from the seat back cushion frame. 3. Remove the seat back cushion cover and pad as an assembly from the frame. 4. Remove the seat back cushion cover from the pad. 5. 60% seat shown, 40% seat similar.
2	Rear Seat Back Cushion Pad

REAR SEAT BACK CUSHION COVER AND PAD REPLACEMENT (EXTENDED CAB WITH AM7)

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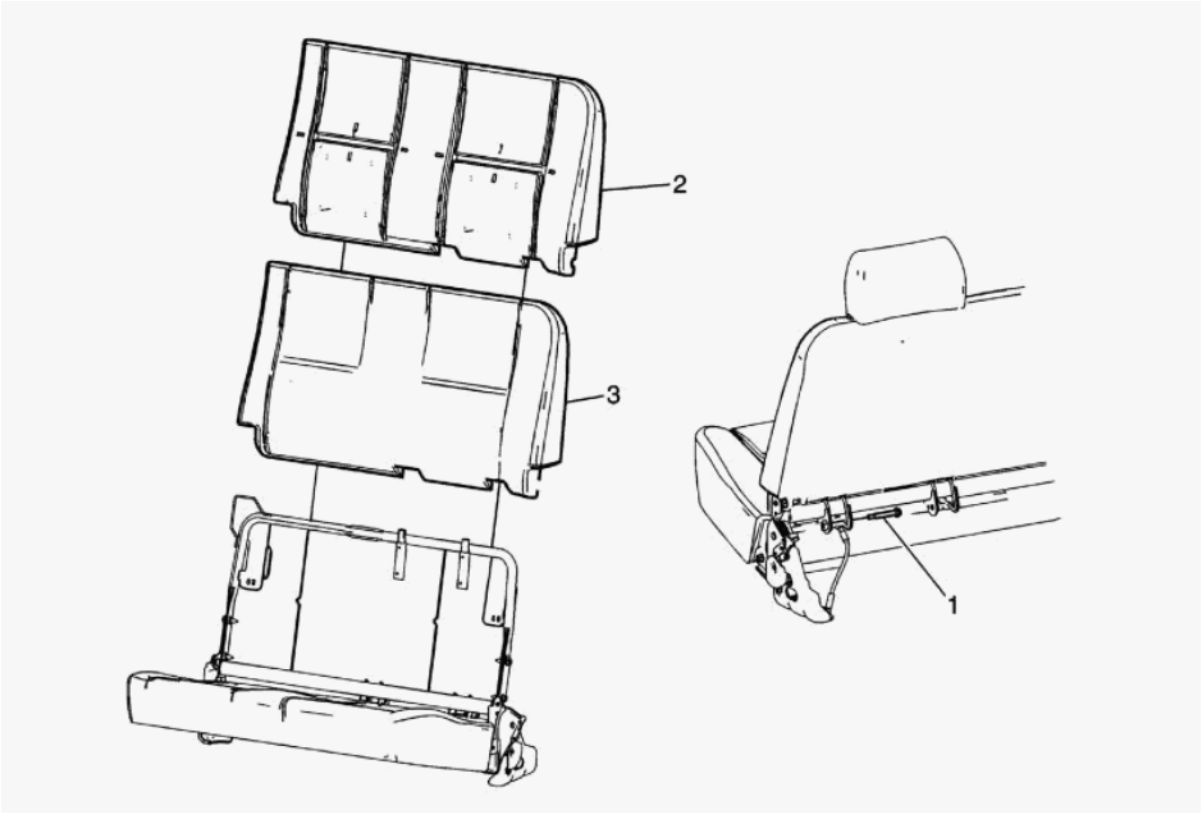


Fig. 73: Rear Seat Back Cushion Cover and Pad (Extended Cab with AM7)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. Remove the rear bench seat. Refer to **Rear Seat Removal and Installation (Extended Cab with AM7)**. 2. Remove the rear seat latch finish cover. Refer to **Rear Seat Latch Finish Cover Replacement (Crew Cab with A68)**. 3. Remove the rear seat head restraint. Refer to **Rear Seat Head Restraint Replacement**. 4. Remove the rear seat head restraint guides. Refer to **Rear Seat Head Restraint Guide Replacement**.	
1	Rear Seat Back Tether Bolt **CAUTION:** **Refer to Fastener Caution .** **Tighten** 9 N.m (80 lb ft)
2	Rear Seat Back Cushion Cover **Procedure**

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Callout	Component Name
	1. Disconnect the j-channel from the seat back cushion frame. 2. Remove the seat back cushion cover and pad as an assembly from the frame. 3. Remove the seat back cushion cover from the pad.
3	Rear Seat Back Cushion Pad

REAR SEAT BACK CUSHION COVER AND PAD REPLACEMENT (EXTENDED CAB WITH A68)

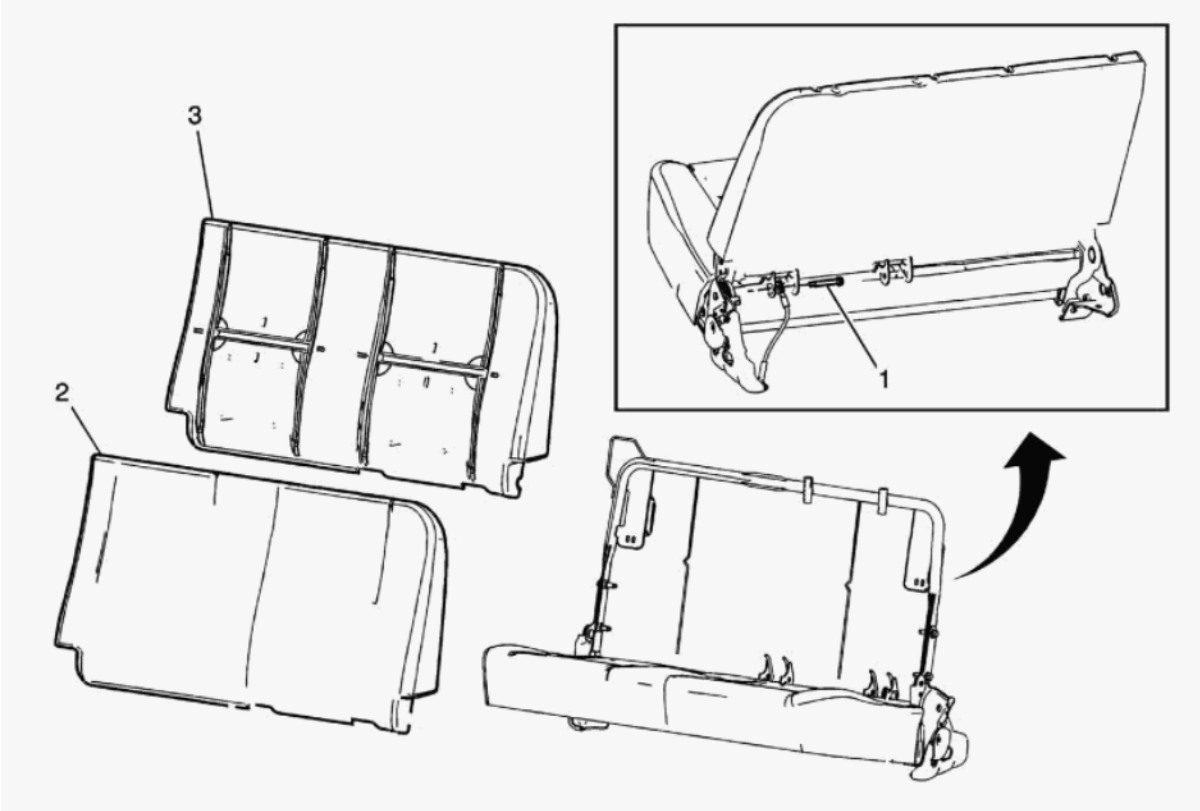


Fig. 74: Rear Seat Back Cushion Cover and Pad (Extended Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. Remove the rear seat. Refer to **Rear Seat Removal and Installation (Extended Cab with A68)**. 2. Separate the rear split bench seat. Refer to **Rear Seat Separation (with A68)**. 3. Remove the rear seat latch finish cover. Refer to **Rear Seat Latch Finish Cover Replacement (Crew Cab with A68)**. 4. Remove the rear seat head restraint. Refer to **Rear Seat Head Restraint Replacement**. 5. Remove the rear seat head restraint guides. Refer to **Rear Seat Head Restraint Guide Replacement**.	
1	Rear Seat Back Tether Bolt **CAUTION:**

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Callout	Component Name
	Refer to Fastener Caution . **Tighten** 9 N.m (80 lb in)
2	Rear Seat Back Cushion Cover **Procedure** 1. Disconnect the J-channel from the seat back cushion frame. 2. Remove the seat back cushion cover and pad as an assembly from the frame. 3. Remove the seat back cushion cover from the pad.
3	Rear Seat Back Cushion Pad

REAR SEAT BACK CUSHION LATCH COVER REPLACEMENT (CREW CAB WITH A68)

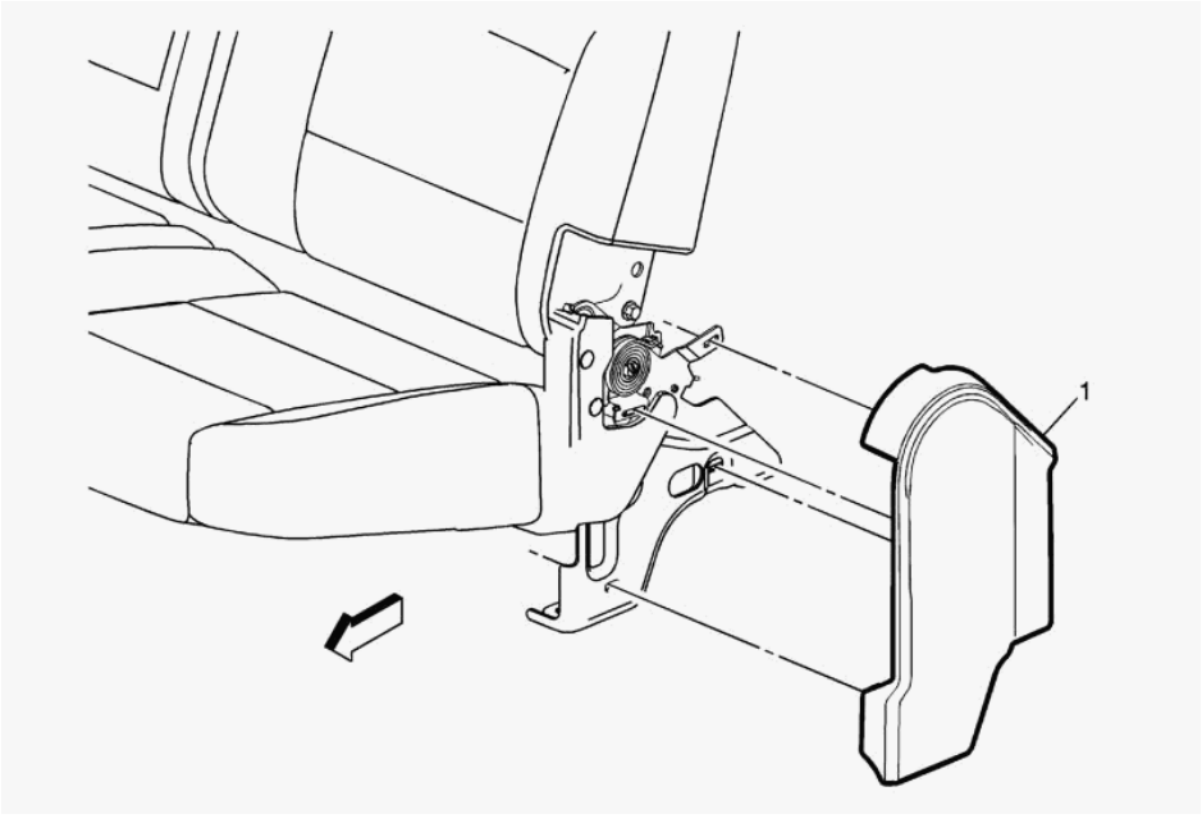


Fig. 75: Rear Seat Back Cushion Latch Cover (Crew Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Rear Seat Back Cushion Latch Cover **Procedure** Gently pull outward near the retainer clip locations to disengage the cover from the rear seat

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Callout	Component Name
	latch.

REAR SEAT BACK CUSHION FRAME REPLACEMENT (EXTENDED CAB WITH A68)

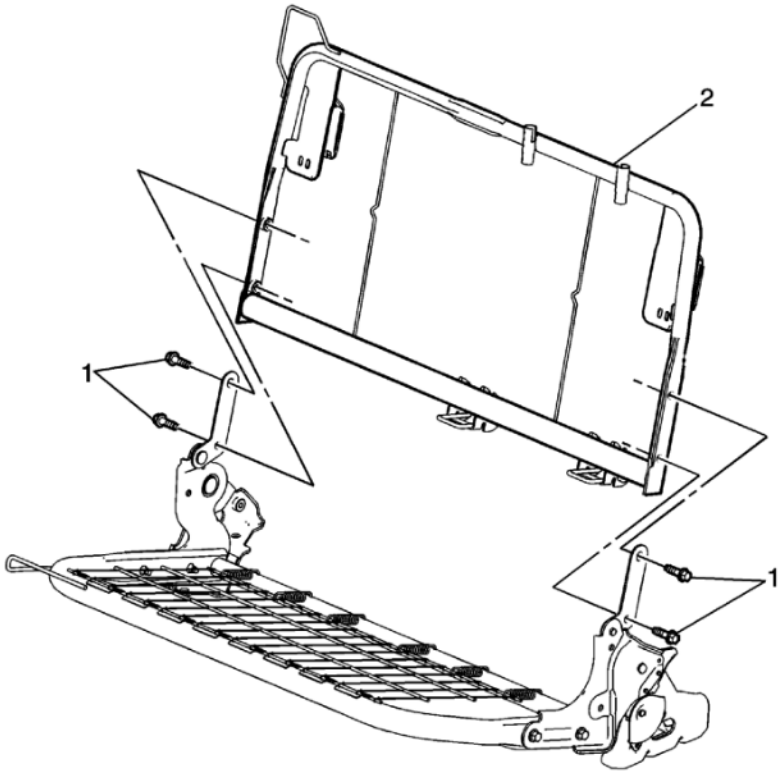


Fig. 76: Rear Seat Back Cushion Frame (Extended Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the rear seat back cover and pad. Refer to **Rear Seat Back Cushion Cover and Pad Replacement (Extended Cab with A68)**	
1	Rear Seat Back Cushion Frame Bolt (Qty: 4) **CAUTION:** **Refer to** **Fastener Caution** . **Tighten** 9 N.m (80 lb in)
2	Rear Seat Back Cushion Frame

REAR SEAT BACK CUSHION FRAME REPLACEMENT (CREW CAB WITH A68)

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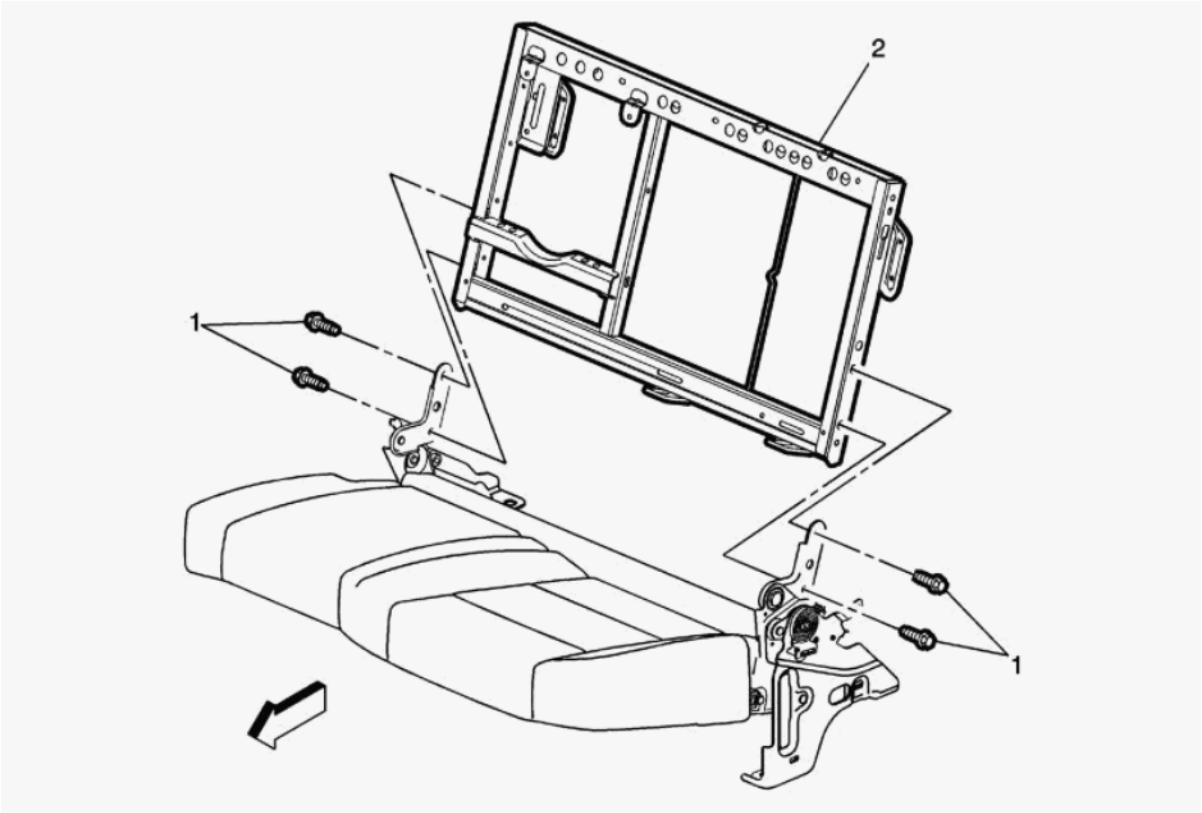


Fig. 77: Rear Seat Back Cushion Frame (Crew Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure 1. Remove the rear seat armrest support finish cover. Refer to. **Rear Seat Armrest Support Finish Cover Replacement (Crew Cab with A68)** 2. Remove the rear seat back cushion cover and pad. Refer to. **Rear Seat Back Cushion Cover and Pad Replacement (Crew Cab with A68)**	
1	Rear Seat Back Cushion Frame Bolts (Qty: 4) **CAUTION:** **Refer to** **Fastener Caution** . **Tighten** 9 N.m (80 lb in)
2	Rear Seat Back Cushion Frame **Procedure** 1. 60 percent seat shown, 40 percent seat similar. 2. Transfer components as necessary.

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REAR SEAT BACK CUSHION FRAME REPLACEMENT (EXTENDED CAB WITH AM7)

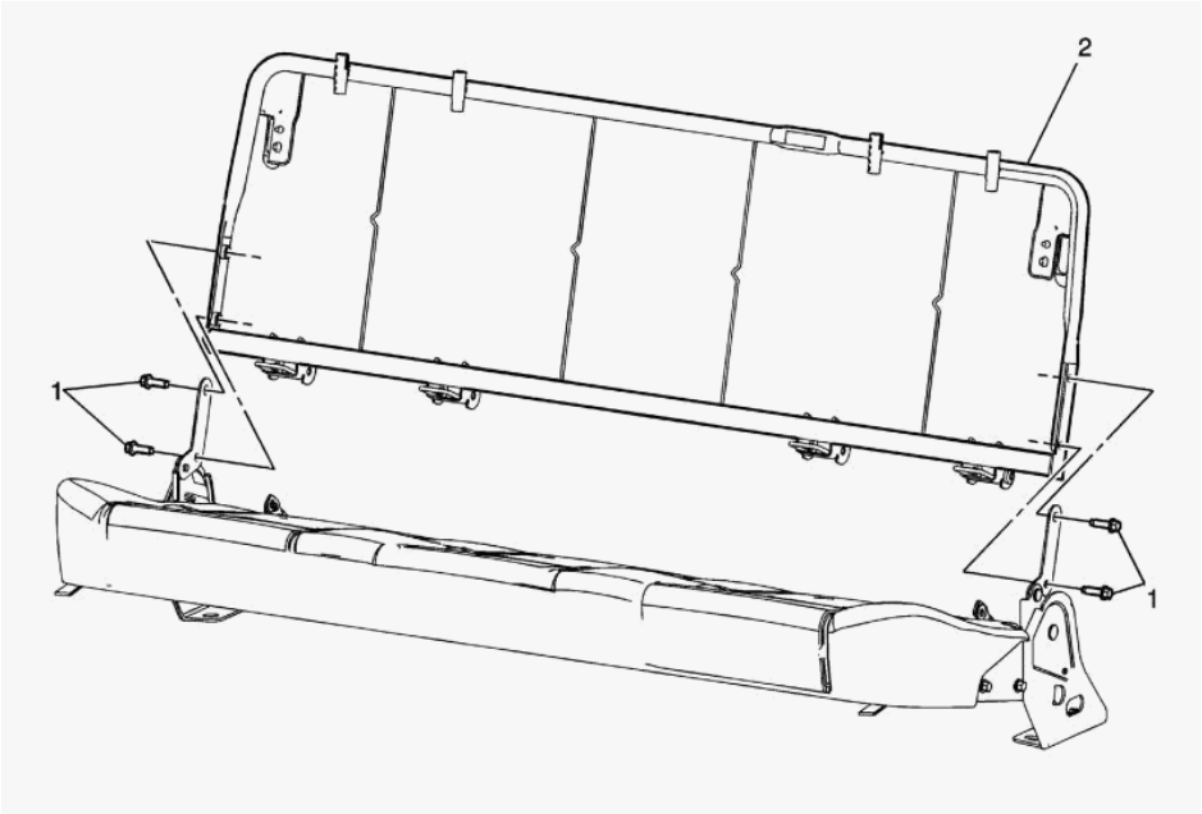


Fig. 78: Rear Seat Back Cushion Frame (Extended Cab with AM7)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedures 1. Remove the rear bench seat. Refer to **Rear Seat Removal and Installation (Extended Cab with AM7)**. 2. Remove the rear seat latch finish cover. Refer to **Rear Seat Latch Finish Cover Replacement (Crew Cab with A68)**. 3. Remove the rear seat head restraint. Refer to **Rear Seat Head Restraint Replacement**. 4. Remove the rear seat head restraint guides. Refer to **Rear Seat Head Restraint Guide Replacement**. 5. Remove the rear seat back cover and pad. Refer to **Rear Seat Back Cushion Cover and Pad Replacement (Extended Cab with AM7)**.	
1	Rear Seat Back Cushion Frame Bolt (Qty: 4) **CAUTION:** **Refer to Fastener Caution .** **Tighten**

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Callout	Component Name
	9 N.m (80 lb in)
2	Rear Seat Back Cushion Frame

REAR SEAT LATCH FINISH COVER REPLACEMENT (CREW CAB WITH A68)

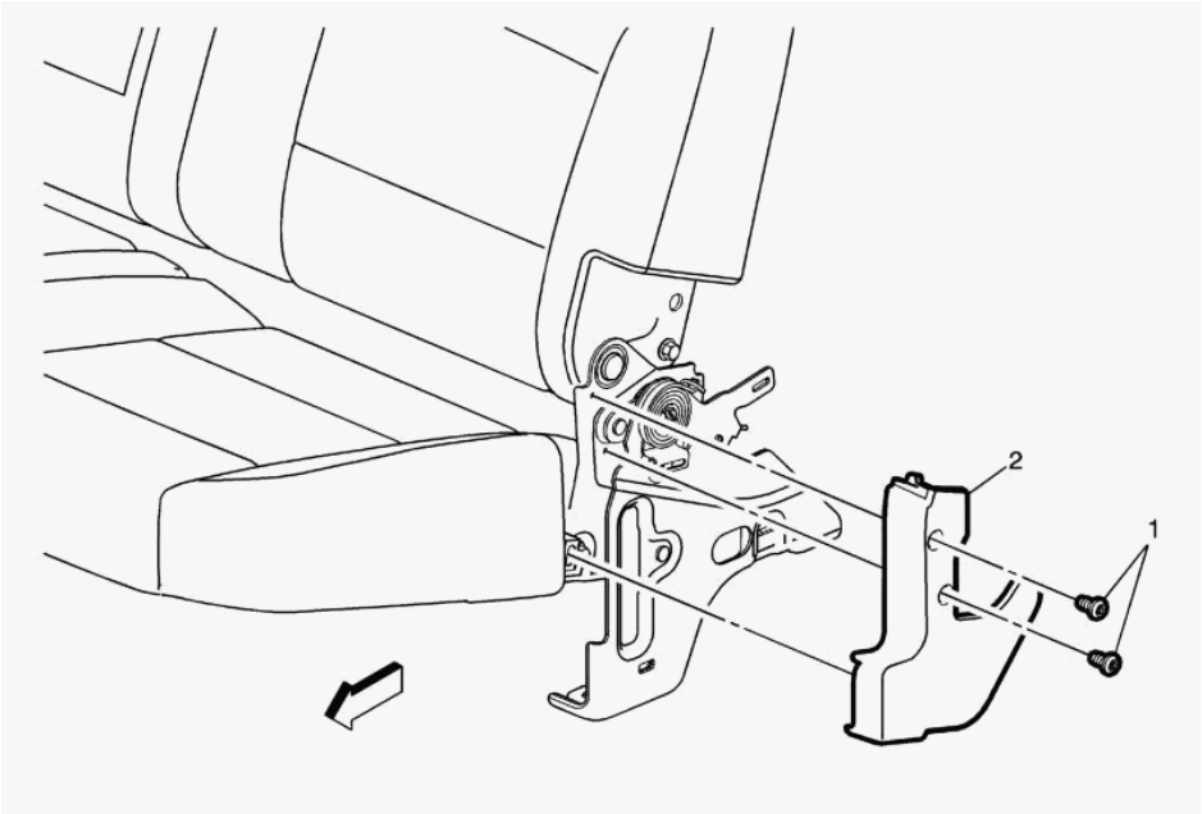


Fig. 79: Rear Seat Latch Finish Cover (Crew Cab with A68)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
Preliminary Procedure Remove the rear seat back cushion latch cover. Refer to **Rear Seat Back Cushion Latch Cover Replacement (Crew Cab with A68)**.	
1	Rear Seat Latch Finish Cover Screw (Qty: 2) **CAUTION:** **Refer to Fastener Caution .**
2	Rear Seat Latch Finish Cover **Procedure** Gently pull outward near the retainer clip location to disengage the cover from the rear seat latch.

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