2008 ACCESSORIES & EQUIPMENT

Instrument Panel and Console Trim - Cab & Chassis Sierra, Cab & Chassis Silverado, Sierra & Silverado

SPECIFICATIONS

FASTENER TIGHTENING SPECIFICATIONS

Application	Specification	
	Metric	English
Front Floor Console Armrest Screws	2 N.m	18 lb in
Front Floor Console Compartment Screws	2 N.m	18 lb in
Front Floor Console Cupholder Screws	2 N.m	18 lb in
Front Floor Console End Panel Screws	2 N.m	18 lb in
Front Floor Console Inner Cover Screws	2 N.m	18 lb in
Front Floor Console Latch Inner Screws	2 N.m	18 lb in
Front Floor Console Latch Outer Screws	2 N.m	18 lb in
Instrument Panel Accessory Switch Screws	2 N.m	18 lb in
Instrument Panel Carrier Bolts	9 N.m	80 lb in
Instrument Panel Carrier Support Bolts	22 N.m	16 lb ft
Instrument Panel Carrier Support Lower Bolt (w/RPO SLT)	2 N.m	18 lb in
Instrument Panel Cluster Screws	2 N.m	18 lb in
Instrument Panel Center Support Bracket Bolt	22 N.m	16 lb ft
Instrument Panel Cluster Trim Panel Screws (w/RPO SLT)	2 N.m	18 lb in
Instrument Panel Cluster Trim Plate Cover Screws	2 N.m	18 lb in
Instrument Panel Compartment Screws	2 N.m	18 lb in
Instrument Panel Compartment Latch Screws	2 N.m	18 lb in
Instrument Panel Compartment Door Screws (w/RPO SLT)	2 N.m	18 lb in
Instrument Panel Compartment Striker Screws	2 N.m	18 lb in
Instrument Panel Insulator Screws	2 N.m	18 lb in
Instrument Panel Knee Bolster Deflector Nuts	9 N.m	80 lb in
Instrument Panel Knee Bolster Screws	2 N.m	18 lb in
Instrument Panel Lower Trim Panel Screws	2 N.m	18 lb in

Instrument Panel Upper Trim Panel Bolts	9 N.m	80 lb in
Instrument Panel Upper Trim Panel Screws	2 N.m	18 lb in
Roof Console Screws	2 N.m	18 lb in

REPAIR INSTRUCTIONS

INSTRUMENT PANEL INSULATOR REPLACEMENT (WITH RPO SLT)

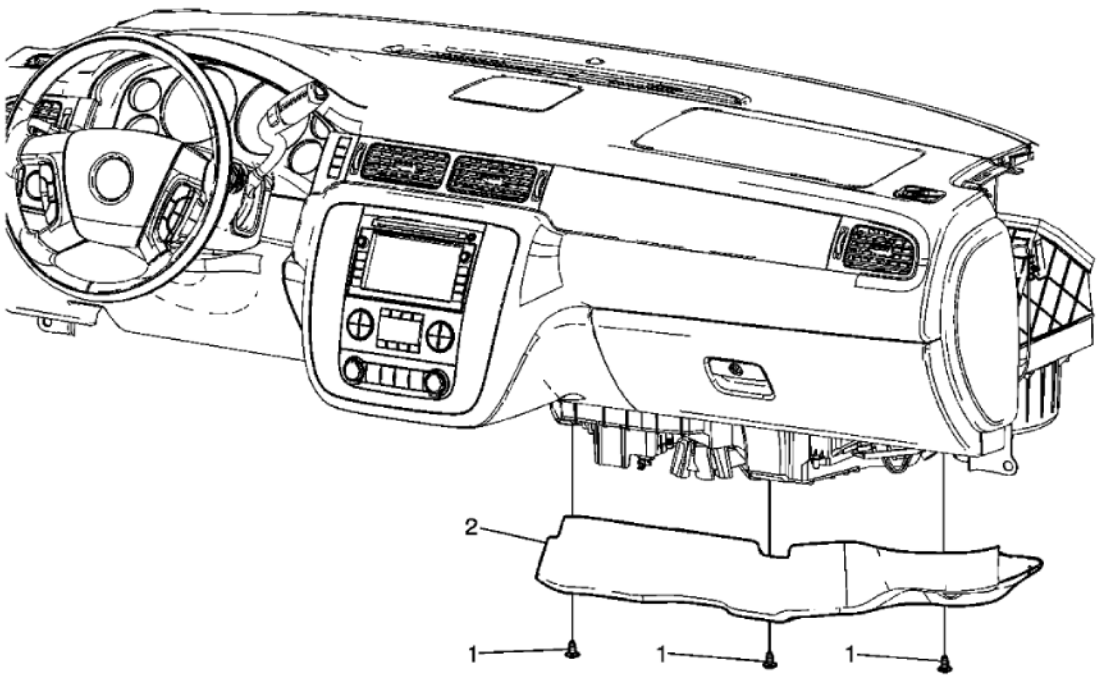


Fig. 1: View Of Instrument Panel Lower Trim Panel Insulator & Screws
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: Remove the right side front floor console side trim panel. Refer to **Front Floor Console Side Trim Panel Replacement - Right Side (with RPO SLT)**.	
1	Instrument Panel Lower Trim Panel Insulator Screws (Qty: 3) **NOTE:** Refer to **Fastener Notice** . **Tighten:** 2 N.m (18 lb in)

2	Instrument Panel Lower Trim Panel Insulator

INSTRUMENT PANEL INSULATOR REPLACEMENT (WITHOUT RPO SLT)

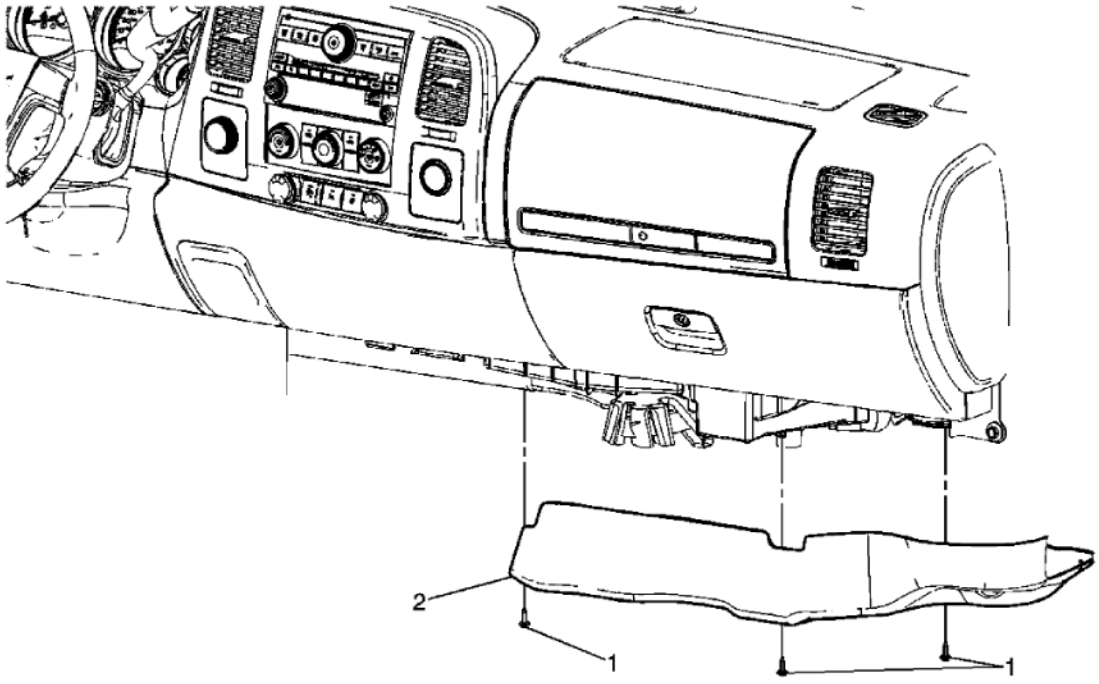


Fig. 2: Instrument Panel Insulator Panel & Screws
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: Remove the front floor console, if equipped. Refer to **Front Floor Console Replacement (with RPO SLT)** or **Front Floor Console Replacement (without RPO SLT)**.	
1	Instrument Panel Insulator Panel Screw (Qty: 3) **NOTE:** Refer to **Fastener Notice** . **Tighten:** 2 N.m (18 lb in)
2	Instrument Panel Insulator Panel

INSTRUMENT PANEL LOWER CENTER TRIM REPLACEMENT

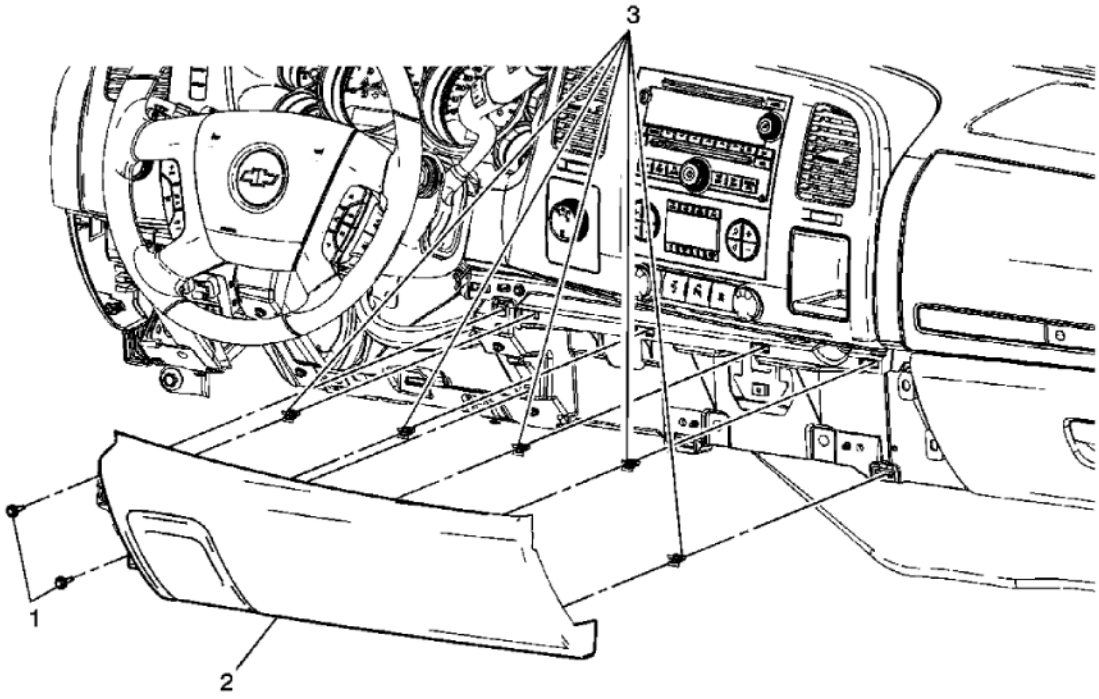


Fig. 3: View Of Instrument Panel Lower Center Trim Panel Assembly, Screws & Retainer Clips
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: Remove the knee bolster assembly. Refer to **Knee Bolster Replacement (with RPO SLT)** or **Knee Bolster Replacement (without RPO SLT)**.	
1	Instrument Panel Lower Center Trim Panel Screw (Qty: 2) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 2 N.m (18 lb in)
2	Instrument Panel Lower Center Trim Panel Assembly
3	Retainer Clip (Qty: 6)

INSTRUMENT PANEL LOWER BRACE BEZEL REPLACEMENT

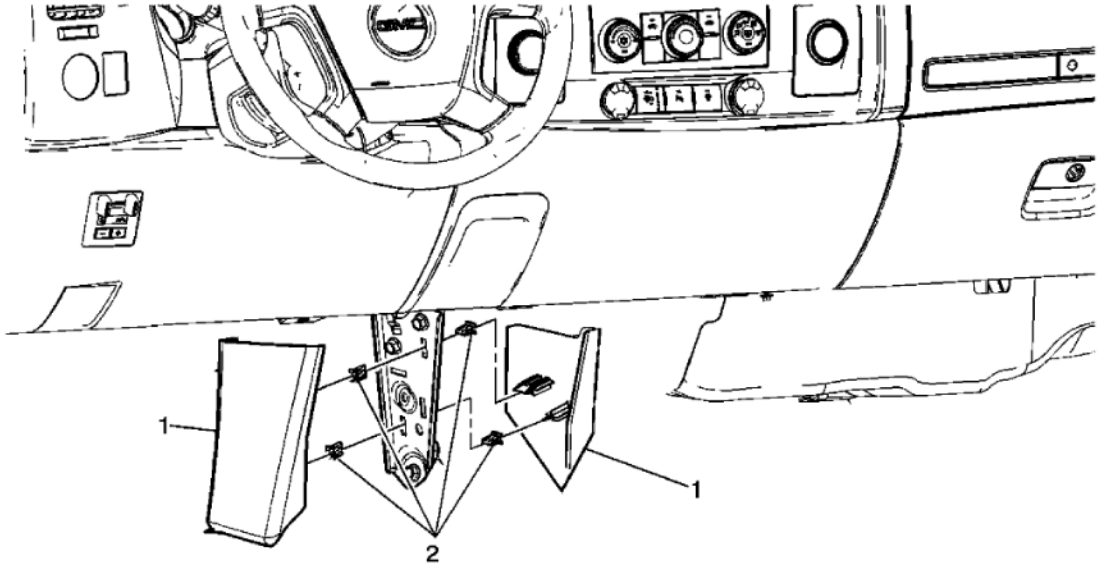


Fig. 4: View Of Instrument Panel Center Support Bracket Bezel & Retainer Clips
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Instrument Panel Center Support Bracket Bezel
2	Retainer Clips (Qty: 4)

KNEE BOLSTER REPLACEMENT (WITH RPO SLT)

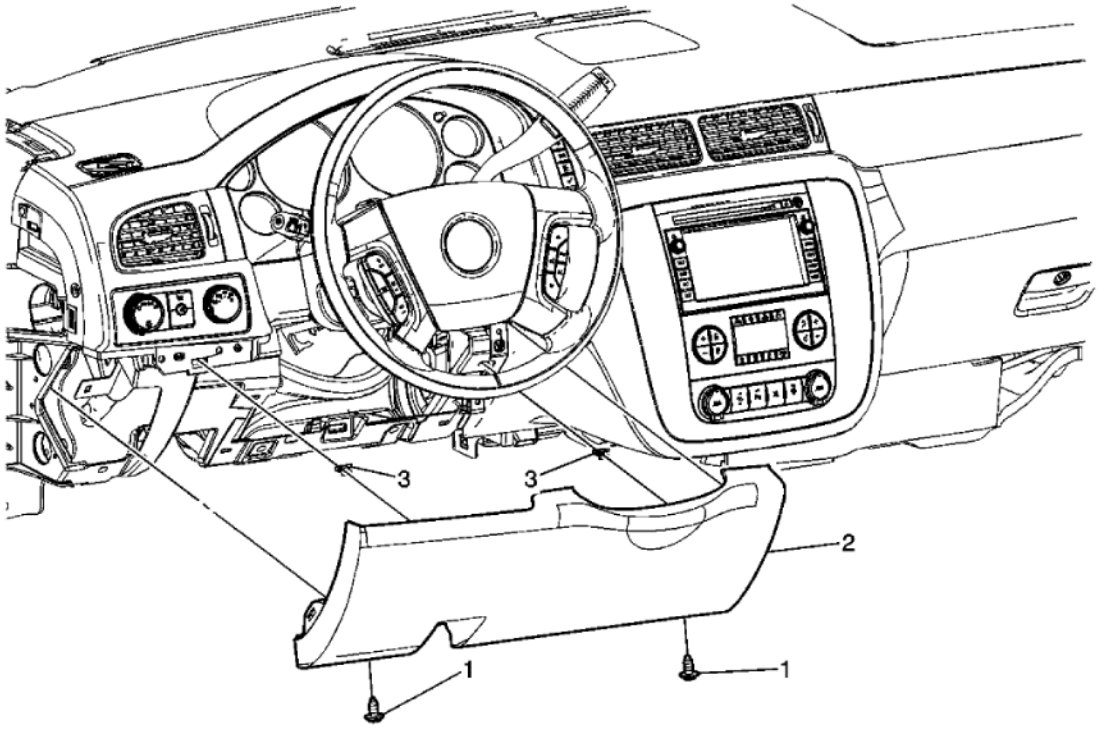


Fig. 5: View Of Knee Bolster Assembly & Components
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedures 1. Remove the left instrument panel outer trim cover. Refer to **Instrument Panel Outer Trim Cover Replacement (without RPO SLT)** or **Instrument Panel Outer Trim Cover Replacement (with RPO SLT)**. 2. Remove the park brake release handle. Refer to **Parking Brake Release Handle Assembly Replacement** .	
1	Knee Bolster Assembly Screws (Qty: 2) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 2 N.m (18 lb in)
2	Knee Bolster Assembly
3	Retainer Clips (Qty: 4)

KNEE BOLSTER REPLACEMENT (WITHOUT RPO SLT)

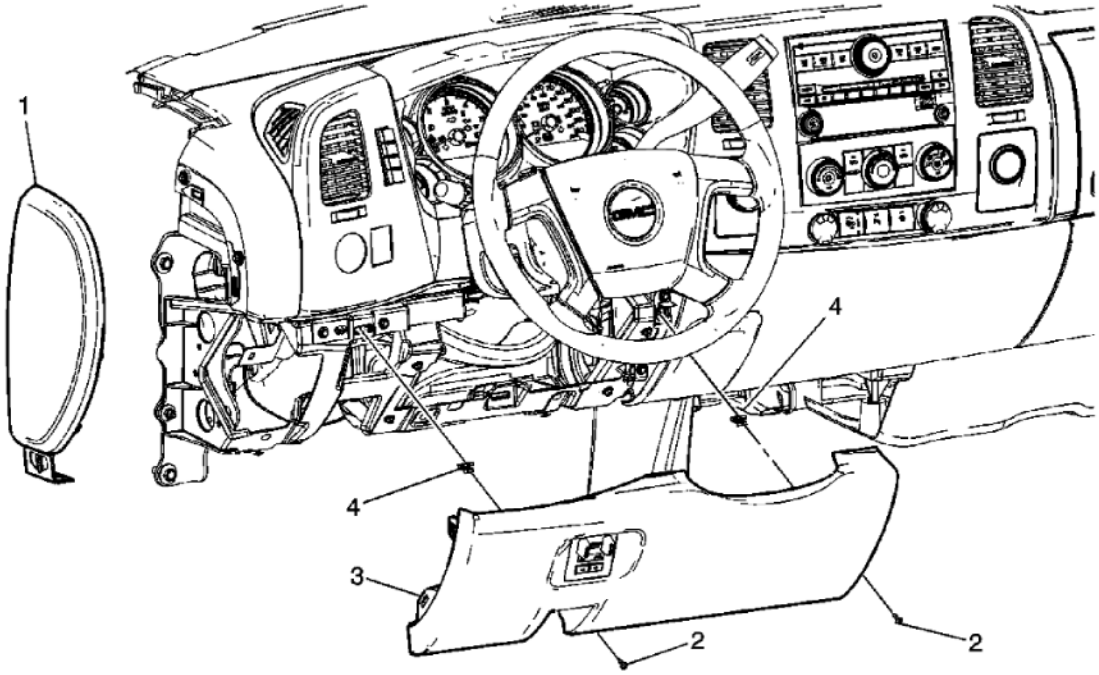


Fig. 6: View Of Knee Bolster Assembly & Components
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: Remove the park brake release handle assembly from the knee bolster. Refer to **Parking Brake Release Handle Assembly Replacement** .	
1	Instrument Panel Left Outer Trim Cover Refer to **Instrument Panel Outer Trim Cover Replacement (without RPO SLT)** or **Instrument Panel Outer Trim Cover Replacement (with RPO SLT)**.
2	Knee Bolster Screw (Qty: 2) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 2 N.m (18 lb in)
	Knee Bolster Assembly **Tip:**

3	1. Disconnect the electrical connectors. 2. If replacing the knee bolster assembly, transfer all necessary components.
4	Retainer Clip (Qty: 3)

INSTRUMENT PANEL DRIVER KNEE BOLSTER DEFLECTOR REPLACEMENT (WITH RPO SLT)

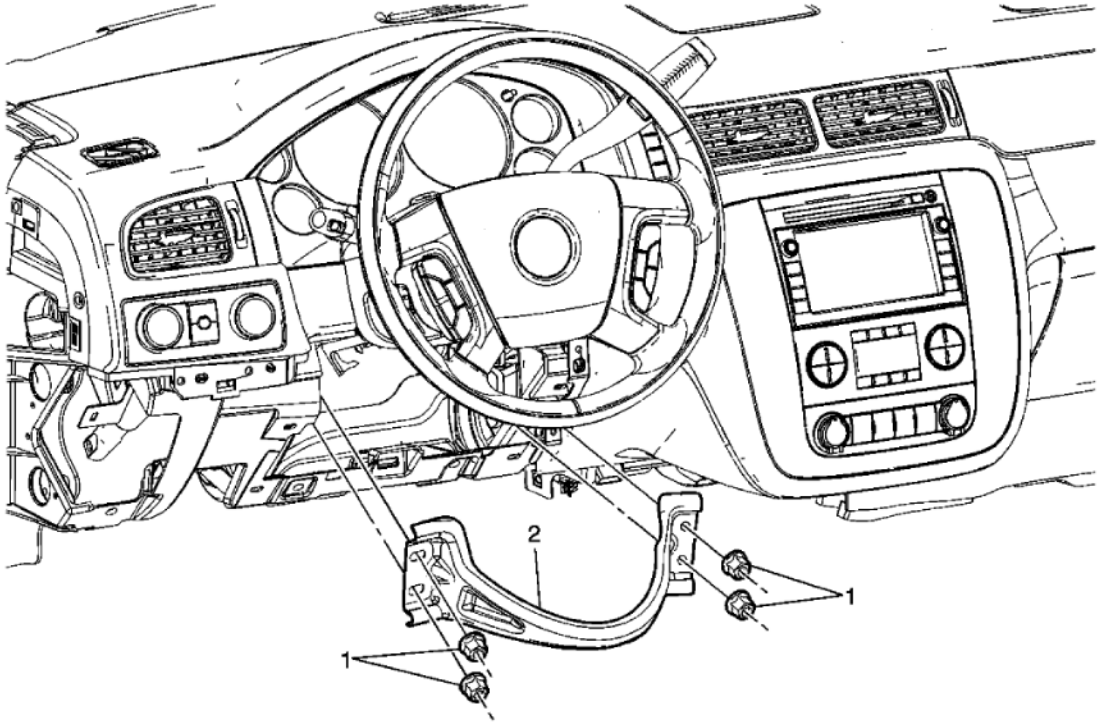


Fig. 7: View Of Knee Bolster Deflector & Nuts
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: Remove the knee bolster. Refer to **Knee Bolster Replacement (with RPO SLT)** or **Knee Bolster Replacement (without RPO SLT)**.	
1	Knee Bolster Deflector Nuts (Qty: 4) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 9 N.m (80 lb in)

2	Knee Bolster Deflector

INSTRUMENT PANEL DRIVER KNEE BOLSTER DEFLECTOR REPLACEMENT (WITHOUT RPO RPO SLT)

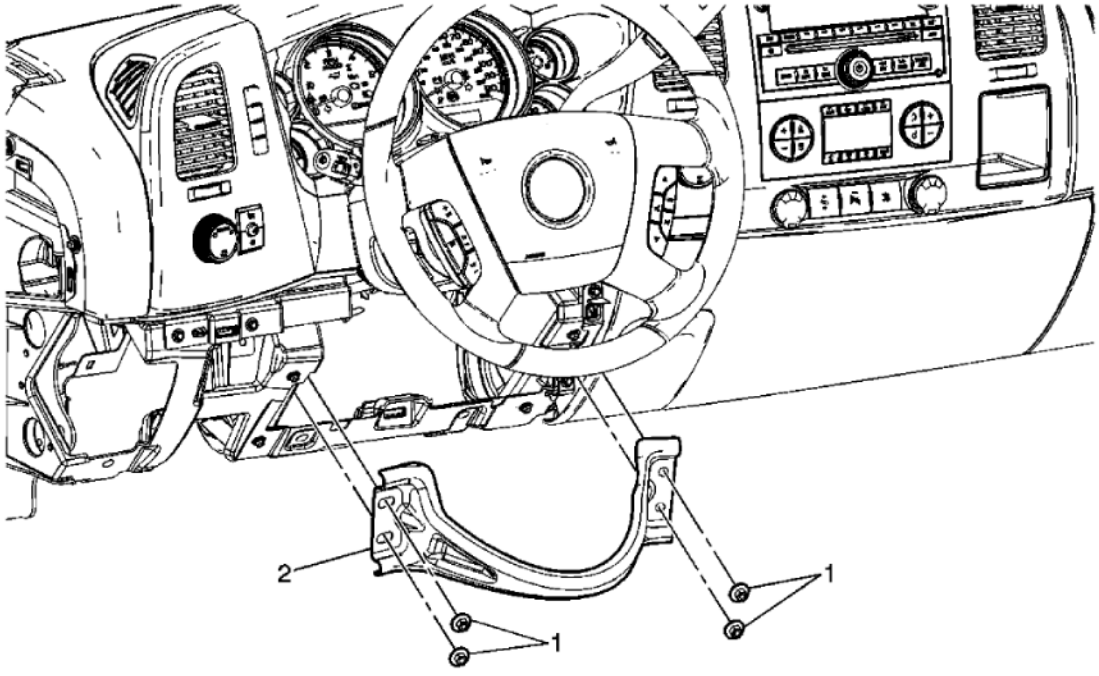


Fig. 8: View Of Knee Bolster Deflector & Nuts
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: Remove the knee bolster assembly. Refer to **Knee Bolster Replacement (with RPO SLT)** or **Knee Bolster Replacement (without RPO SLT)**.	
1	Knee Bolster Deflector Nut (Qty: 4) **NOTE:** Refer to **Fastener Notice** . **Tighten:** 9 N.m (80 lb in)
2	Knee Bolster Deflector

INSTRUMENT PANEL TRIM PLATE REPLACEMENT (WITHOUT RPO SLT)

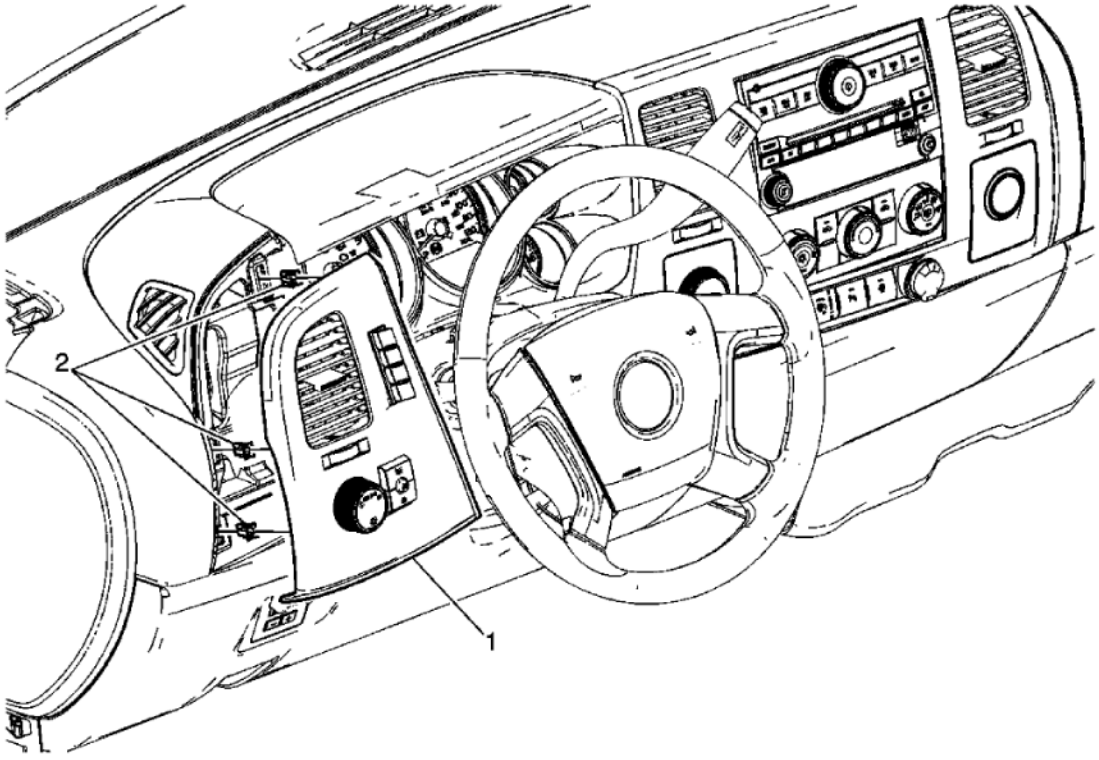


Fig. 9: Instrument Panel Trim Plate Assembly & Retainer Clips
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: Remove the instrument panel cluster trim plate cover. Refer to **Instrument Panel Cluster Trim Plate Cover Replacement (without RPO SLT)** or **Instrument Panel Cluster Trim Plate Cover Replacement (with RPO SLT)**.	
1	Instrument Panel Trim Plate Assembly **Procedure** 1. Disconnect the electrical connectors. 2. If replacing the instrument panel trim plate, transfer all necessary components.
2	Retainer Clip (Qty: 6)

INSTRUMENT PANEL ACCESSORY TRIM PLATE REPLACEMENT (WITHOUT RPO SLT)

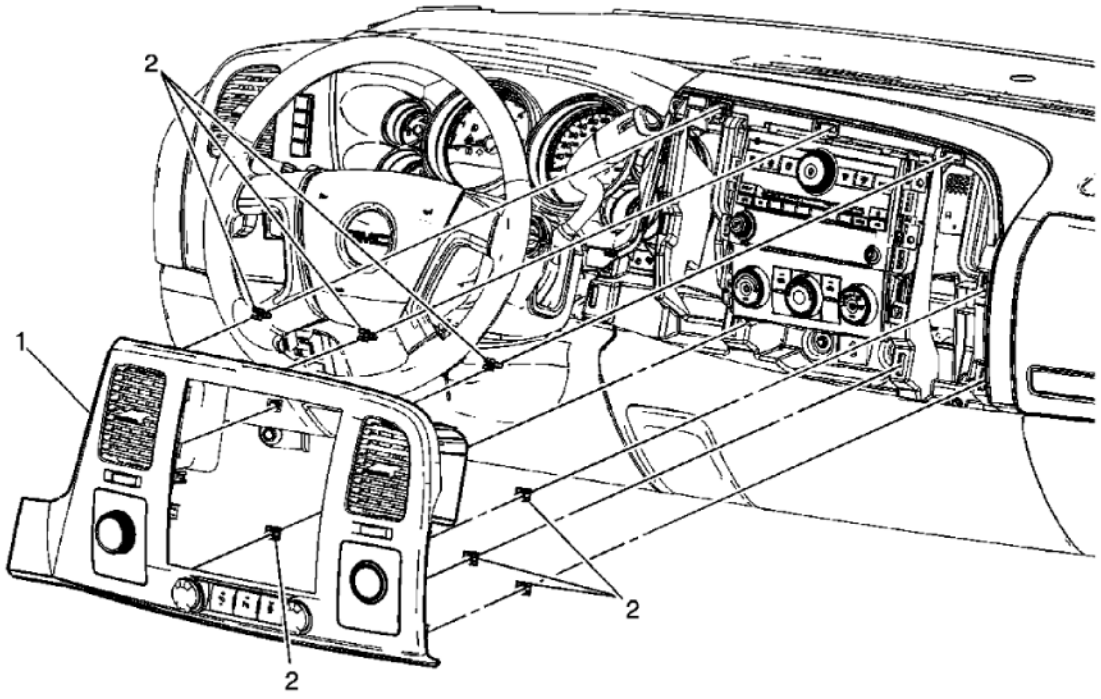


Fig. 10: View Of Instrument Panel Accessory Trim Plate Assembly & Retainer Clips
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: Remove the instrument panel cluster trim plate cover. Refer to **Instrument Panel Cluster Trim Plate Cover Replacement (without RPO SLT)** or **Instrument Panel Cluster Trim Plate Cover Replacement (with RPO SLT)**.	
1	Instrument Panel Accessory Trim Plate Assembly **Procedure** 1. Disconnect the electrical connectors. 2. When replacing the accessory trim plate, transfer all necessary components.
2	Retainer Clips (Qty: 14)

INSTRUMENT PANEL ACCESSORY TRIM PLATE REPLACEMENT (WITH RPO SLT)

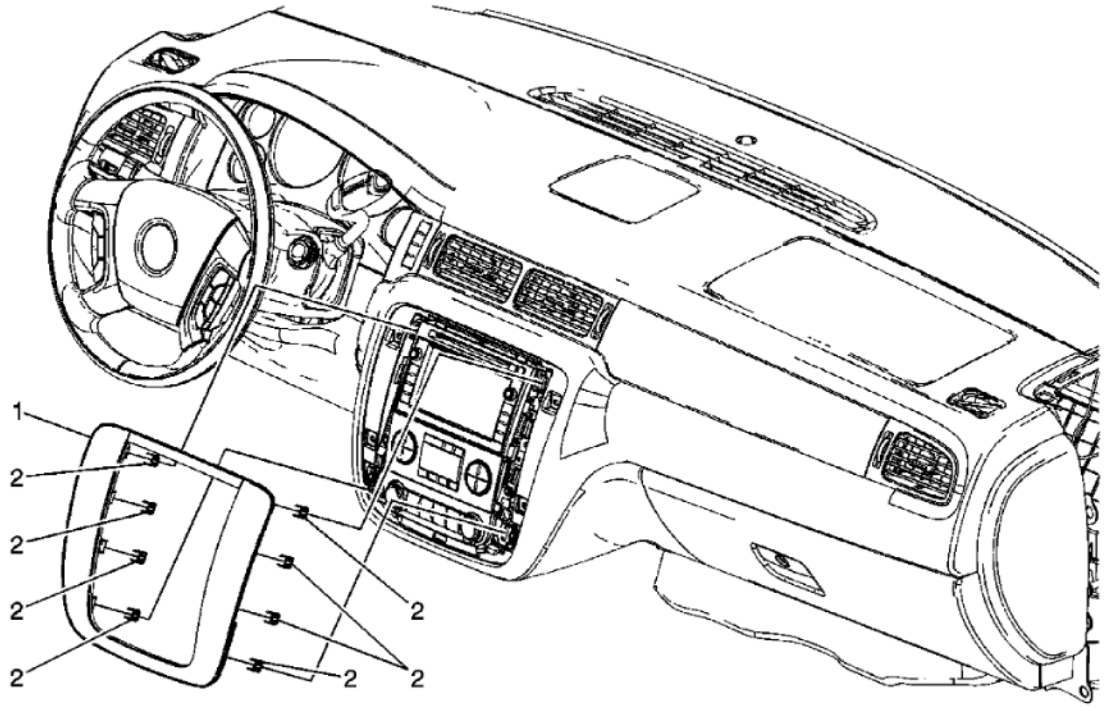


Fig. 11: View Of Instrument Panel Accessory Plate Assembly & Retainer Clips
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Instrument Panel Accessory Trim Plate **Tip:** Use a flat-bladed plastic trim tool in order to release the retainer clips securing the trim plate to the instrument panel.
2	Retainer Clips (Qty: 9)

INSTRUMENT PANEL CENTER TRIM PANEL REPLACEMENT (WITH RPO SLT)

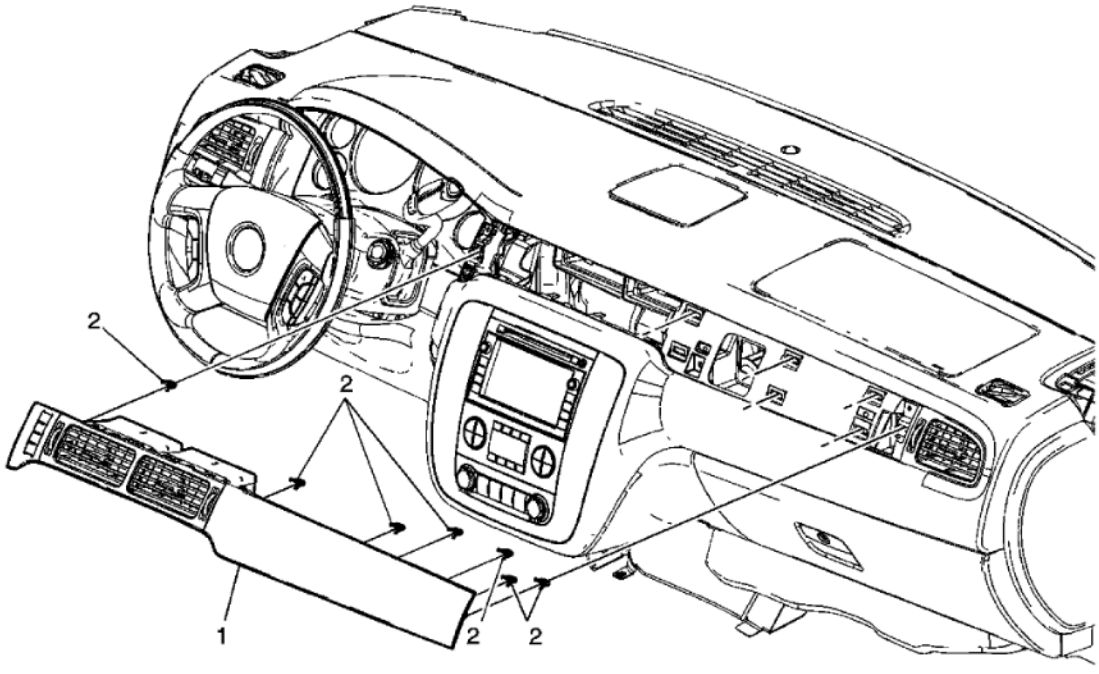


Fig. 12: Instrument Panel Center Trim Plate & Clips
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Instrument Panel Center Trim Plate **Tip:** 1. Use a flat-bladed plastic trim tool in order to release the retainer clips securing the trim plate to the instrument panel. 2. Disconnect the electrical connections.
2	Retainer Clips (Qty: 7)

INSTRUMENT PANEL UPPER TRIM PANEL REPLACEMENT (WITHOUT RPO SLT)

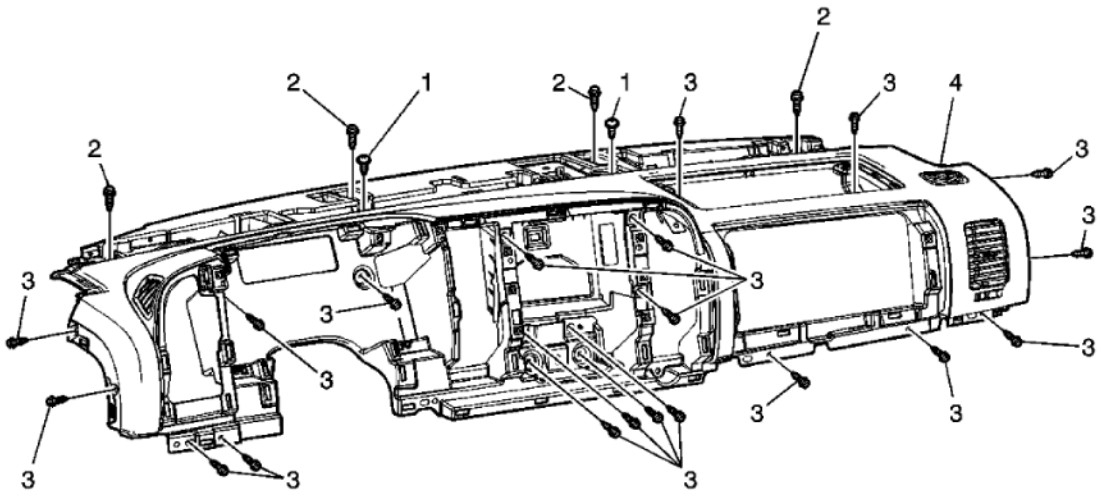


Fig. 13: Instrument Panel Upper Trim Panel & Components
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name

Preliminary Procedures

1. Disable the SIR system. Refer to **SIR Disabling and Enabling** .
2. If equipped, remove the console assembly. Refer to **Front Floor Console Replacement (with RPO SLT)** or **Front Floor Console Replacement (without RPO SLT)**.
3. Remove the instrument panel insulator panel. Refer to **Instrument Panel Insulator Replacement (with RPO SLT)** or **Instrument Panel Insulator Replacement (without RPO SLT)**.
4. Remove the windshield garnish molding. Refer to **Windshield Pillar Garnish Molding Replacement** .
5. Remove the instrument panel upper trim panel. Refer to **Instrument Panel Upper Trim Panel with Windshield Defroster Nozzle Grille Replacement (without RPO SLT)** or **Instrument Panel Upper Trim Panel with Windshield Defroster Nozzle Grille Replacement (with RPO SLT)**.
6. Remove the instrument panel inflatable restraint module. Refer to **Inflatable Restraint Instrument Panel Module Replacement** .
7. Remove the instrument panel outer trim covers. Refer to **Instrument Panel Outer Trim Cover Replacement (without RPO SLT)** or **Instrument Panel Outer Trim Cover Replacement (with RPO SLT)**.

8. Remove the instrument panel left and center air outlets. Refer to **Instrument Panel Outer Air Outlet Replacement - Left Side (without RPO SLT)** or **Instrument Panel Outer Air Outlet Replacement - Left Side (with RPO SLT)** and **Instrument Panel Center Air Outlet Replacement (without RPO SLT)** or **Instrument Panel Center Air Outlet Replacement (With RPO SLT)** .
9. Remove the instrument panel compartment assembly. Refer to **Instrument Panel Storage Compartment Replacement**.
10. Remove the instrument panel compartment closeout. Refer to **Instrument Panel Compartment Access Hole Cover Replacement (without RPO SLT)** or **Instrument Panel Compartment Access Hole Cover Replacement (with RPO SLT)**.
11. Remove the instrument panel upper storage compartment. Refer to **Instrument Panel Storage Compartment Replacement**.
12. Remove the steering column. Refer to **Steering Column Replacement (Non Hybrid)** .
13. Remove the instrument panel lower center trim panel. Refer to **Instrument Panel Lower Center Trim Replacement**.
14. Remove the instrument panel cluster assembly. Refer to **Instrument Cluster Replacement (without RPO SLT)** .
15. Remove the HVAC control module. Refer to **HVAC Control Module Replacement** .
16. Remove the radio assembly. Refer to **Radio Replacement (without RPO SLT)** or **Radio Replacement (with RPO SLT)** .

1	Instrument Panel Upper Trim Panel to Defroster Duct Screw (Qty: 2) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 2 N.m (18 lb in)
2	Instrument Panel Upper Trim Panel Screw (Qty: 7) **Tighten:** 9 N.m (80 lb in)
3	Instrument Panel Upper Trim Panel Screw (Qty: 10) **Tighten:** 2.5 N.m (22 lb in)
	Instrument Panel Upper Trim Panel Assembly **Tip:**

4	1. Note location and routing of the instrument panel wiring harness prior to removal of the instrument panel upper trim panel assembly to ensure proper reinstallation. 2. Disconnect the wiring harness from the instrument panel upper trim panel assembly. 3. With the aid of an assistant, remove the instrument panel upper trim panel assembly from the vehicle. 4. If replacing the instrument panel upper trim panel assembly, transfer all necessary components.

INSTRUMENT PANEL UPPER TRIM PANEL REPLACEMENT (WITH RPO SLT)

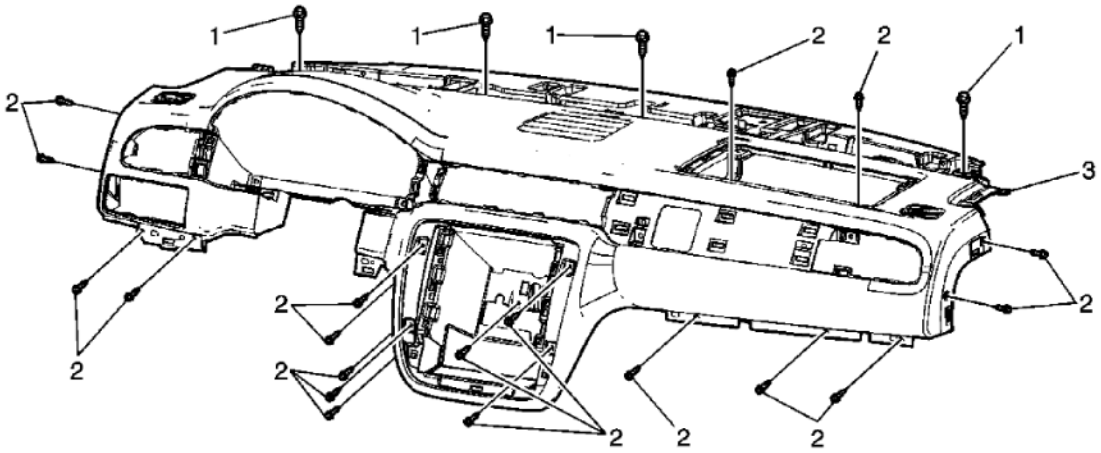


Fig. 14: View Of Instrument Panel Upper Trim Panel Assembly & Components
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedures 1. Disable the SIR system. Refer to **SIR Disabling and Enabling** . 2. Remove the windshield pillar garnish moldings. Refer to **Windshield Pillar Garnish Molding Replacement** . 3. Remove the instrument panel upper trim panel with defroster nozzle. Refer to **Instrument Panel Upper Trim Panel with Windshield Defroster Nozzle Grille Replacement (without RPO SLT)** or **Instrument Panel Upper Trim Panel with Windshield Defroster Nozzle Grille Replacement (with RPO SLT)**.	

4. Remove the radio front speaker, if equipped. Refer to **Radio Front Speaker Replacement** .
5. Remove the instrument panel outer trim covers. Refer to **Instrument Panel Outer Trim Cover Replacement (without RPO SLT)** or **Instrument Panel Outer Trim Cover Replacement (with RPO SLT)**.
6. Remove the left instrument panel air outlet. Refer to **Instrument Panel Outer Air Outlet Replacement - Left Side (without RPO SLT)** or **Instrument Panel Outer Air Outlet Replacement - Left Side (with RPO SLT)** .
7. Remove the headlamp switch bezel assembly. Refer to **Headlamp Switch Bezel Replacement (with RPO SLT)**.
8. Remove the instrument panel cluster assembly. Refer to **Instrument Cluster Replacement (without RPO SLT)** .
9. Remove the steering column. Refer to **Steering Column Replacement (Non Hybrid)** .
10. Remove the instrument panel center trim panel. Refer to **Instrument Panel Center Trim Panel Replacement (with RPO SLT)**.
11. Remove the instrument panel accessory switch assembly. Refer to **Accessory Switch Replacement (with RPO SLT)** or **Accessory Switch Replacement (without RPO SLT)** .
12. Remove the HVAC control module. Refer to **HVAC Control Module Replacement** .
13. Remove the radio. Refer to **Radio Replacement (without RPO SLT)** or **Radio Replacement (with RPO SLT)** .
14. Remove the instrument panel inflatable restraint. Refer to **Inflatable Restraint Instrument Panel Module Replacement** .
15. Remove the right instrument panel air outlet. Refer to **Instrument Panel Outer Air Outlet Replacement - Right Side (without RPO SLT)** or **Instrument Panel Outer Air Outlet Replacement - Right Side (with RPO SLT)** .
16. Remove the instrument panel compartment door. Refer to **Instrument Panel Compartment Door Replacement (with RPO SLT)**.
17. Remove the instrument panel access hole cover panel. Refer to **Instrument Panel Compartment Access Hole Cover Replacement (without RPO SLT)** or **Instrument Panel Compartment Access Hole Cover Replacement (with RPO SLT)**.

1	Instrument Panel Upper Trim Panel Bolt (Qty: 4)

	NOTE: **Refer to Fastener Notice .** **Tighten:** 9 N.m (80 lb in)
2	Instrument Panel Upper Trim Panel Screw (Qty: 27) **Tighten:** 2 N.m (18 lb in)
3	Instrument Panel Upper Trim Panel Assembly **Tip:** 1. Prior to removal of the trim panel from the carrier assembly, note the routing of the wiring to aid in reassembly. 2. Disconnect electrical connections. 3. With the aid of an assistant, remove the trim panel from the vehicle.

HEADLAMP SWITCH BEZEL REPLACEMENT (WITH RPO SLT)

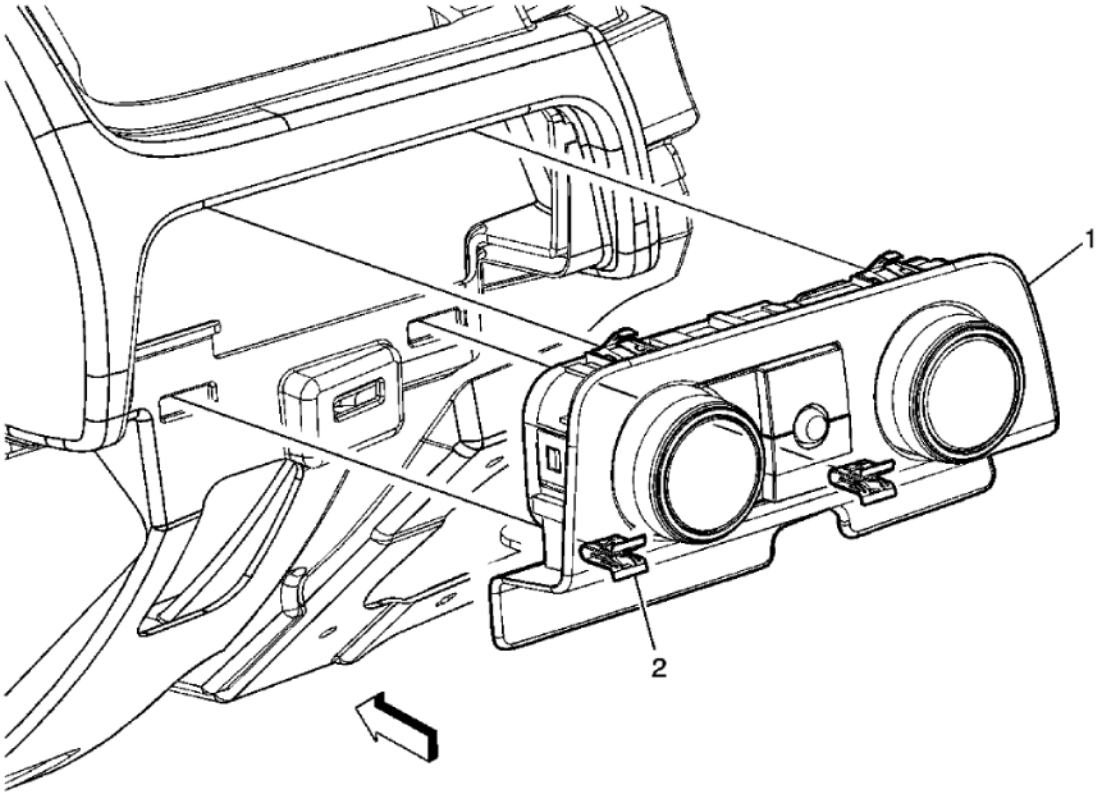


Fig. 15: View Of Headlamp Switch Trim Plate Assembly & Retainers
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: **Remove the knee bolster. Refer to Knee Bolster Replacement (with RPO SLT) or Knee Bolster Replacement (without RPO SLT).**	
1	Headlamp Switch Trim Plate Assembly **Procedure** 1. Disconnect the electrical connectors. 2. If replacing the trim plate, transfer the switches as needed.
2	Headlamp Switch Plate Retainer (Qty: 4)

INSTRUMENT PANEL CLUSTER TRIM PLATE COVER REPLACEMENT (WITHOUT RPO SLT) SLT)

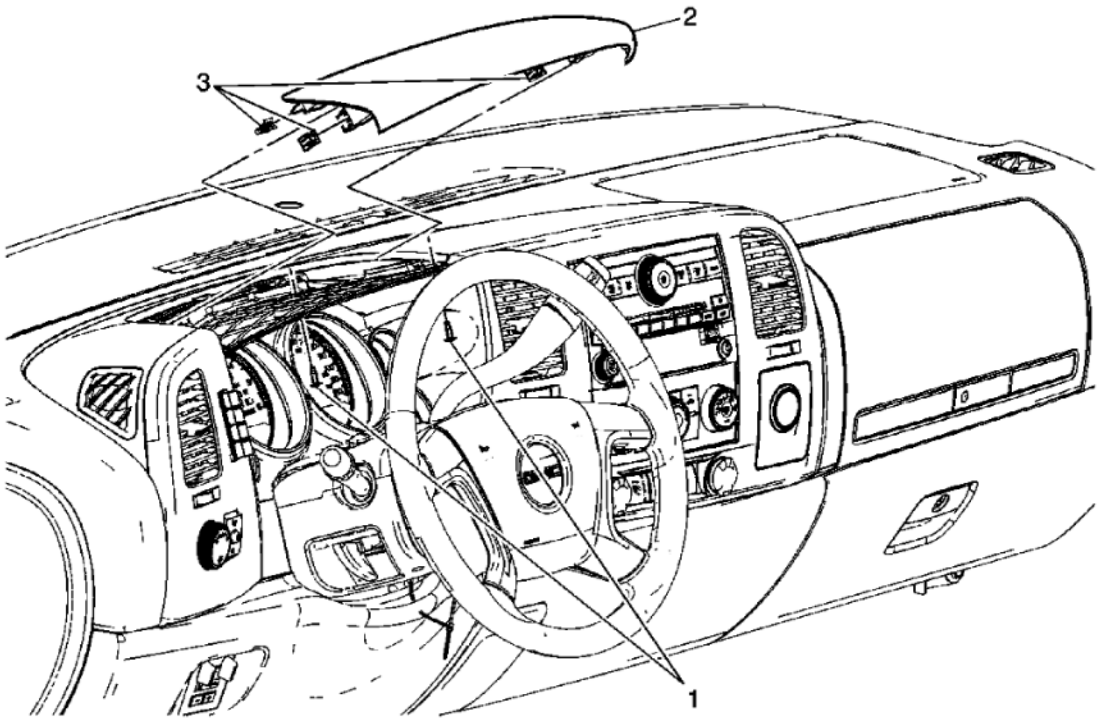


Fig. 16: View Of Instrument Panel Cluster Trim Plate Cover Assembly & Components
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
	Instrument Panel Cluster Trim Plate Cover Screw (Qty: 2)

1	**NOTE:** **Refer to Fastener Notice .** **Tighten:** 2 N.m (18 lb in)
2	Instrument Panel Cluster Trim Plate Cover Assembly
3	Retainer Clip (Qty: 4)

INSTRUMENT PANEL CLUSTER TRIM PLATE COVER REPLACEMENT (WITH RPO SLT)

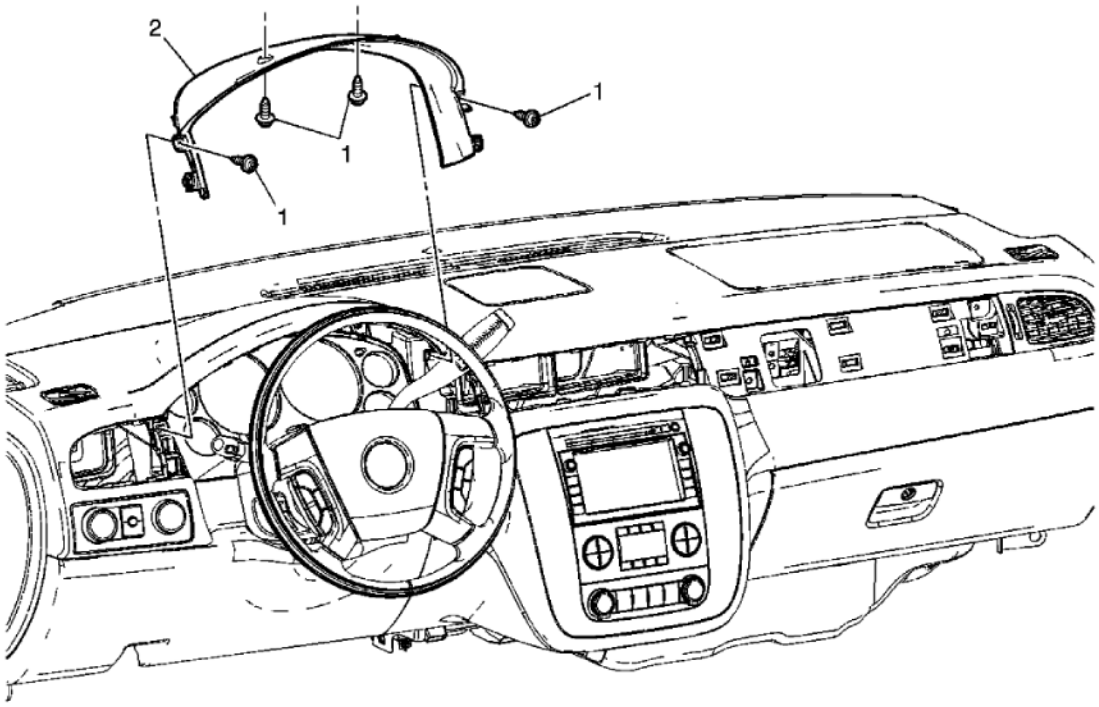


Fig. 17: View Of Instrument Panel Cluster Trim Plate Cover Assembly & Screws
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name

Preliminary Procedures

1. Tilt the steering wheel to its lowest position.
2. Remove the instrument panel left air outlet. Refer to **Instrument Panel Outer Air Outlet Replacement - Left Side (without RPO SLT)** or **Instrument Panel Outer Air Outlet Replacement - Left Side (with RPO SLT)** .
3. Remove the instrument panel center trim panel. Refer to **Instrument Panel Center**

	Trim Panel Replacement (with RPO SLT).
1	Instrument Panel Cluster Trim Plate Cover Assembly Screws (Qty: 4) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 2 N.m (18 lb in)
2	Instrument Panel Cluster Trim Plate Cover Assembly

INSTRUMENT CLUSTER TRIM PANEL REPLACEMENT (WITH RPO SLT)

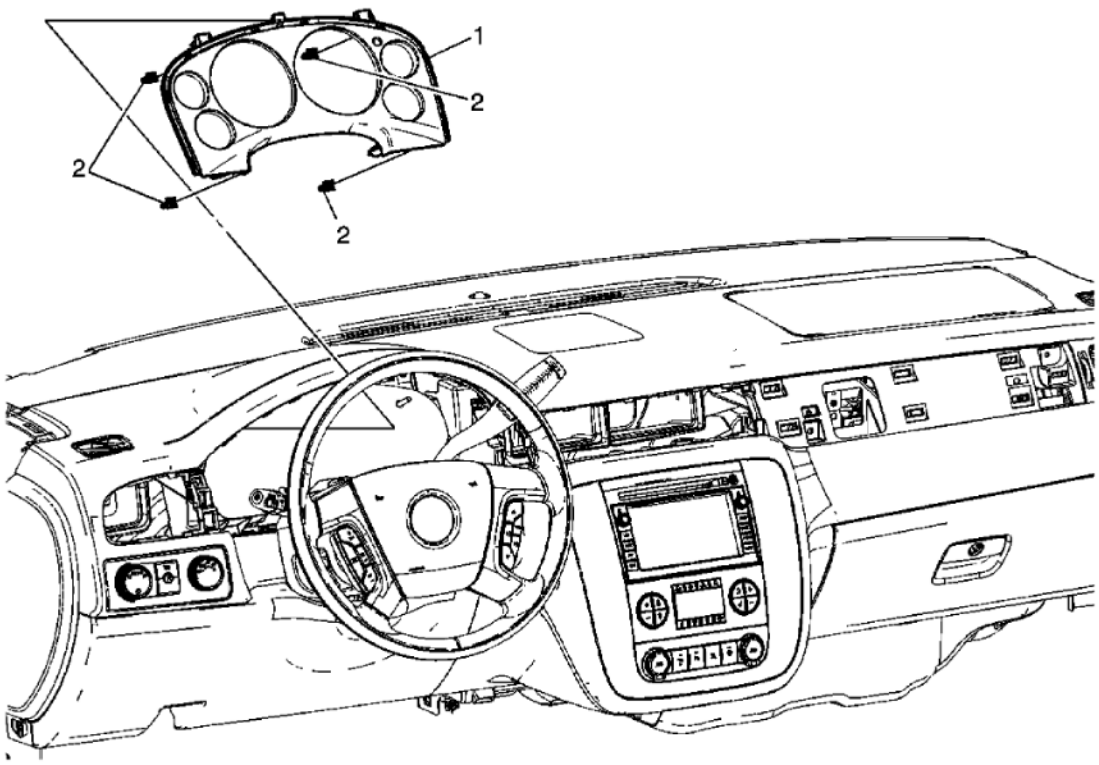


Fig. 18: View Of Instrument Cluster Trim Panel Assembly, Screws & Clips
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: Remove the instrument panel cluster trim plate cover. Refer to **Instrument Panel Cluster Trim Plate Cover Replacement (without RPO SLT)** or **Instrument Panel Cluster Trim Plate Cover Replacement (with RPO SLT)**.	

1	Instrument Panel Cluster Trim Plate
2	Retainer Clips (Qty: 4)

INSTRUMENT CLUSTER TRIM PANEL REPLACEMENT (WITHOUT RPO SLT)

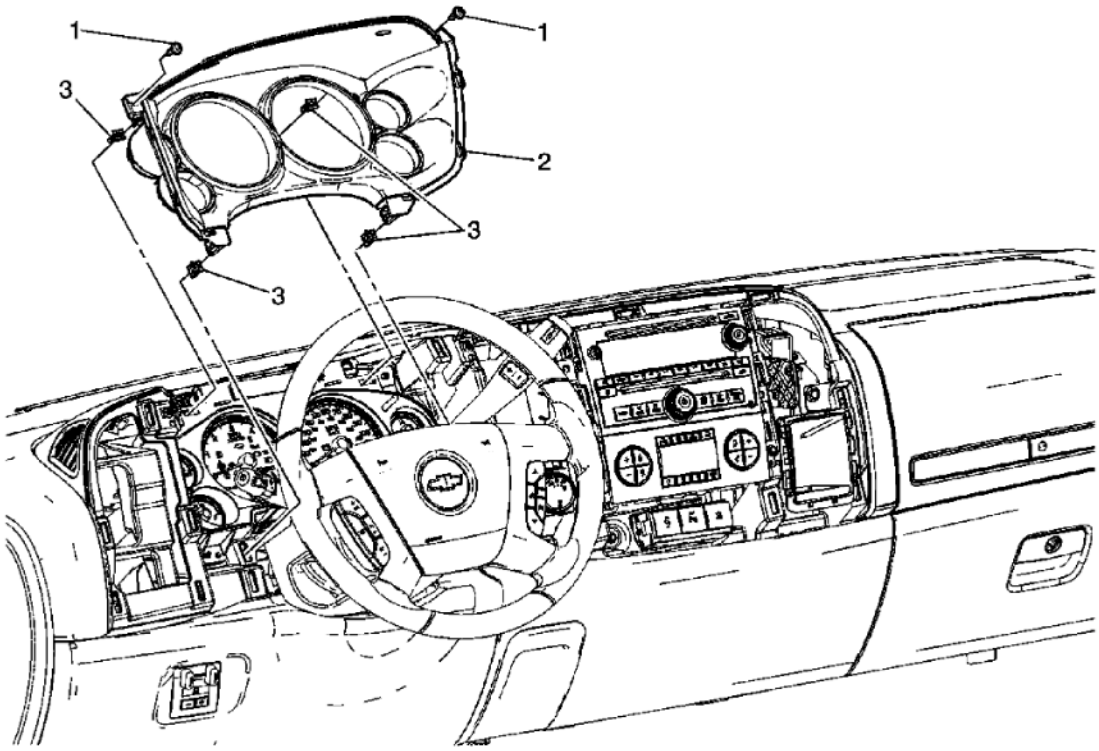


Fig. 19: View Of Instrument Cluster Trim Panel Assembly, Screws & Clips
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure 1. Remove the instrument panel trim plate. Refer to **Instrument Panel Trim Plate Replacement (Without RPO SLT)**. 2. Remove the instrument panel accessory trim plate. Refer to **Instrument Panel Accessory Trim Plate Replacement (without RPO SLT)** or **Instrument Panel Accessory Trim Plate Replacement (with RPO SLT)**. 3. Remove the instrument panel cluster trim plate cover. Refer to **Instrument Panel Cluster Trim Plate Cover Replacement (without RPO SLT)** or **Instrument Panel Cluster Trim Plate Cover Replacement (with RPO SLT)**.	

1	Instrument Panel Cluster Trim Panel Screw (Qty: 2) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 2 N.m (18 lb in)
2	Instrument Panel Cluster Trim Panel Assembly
3	Retainer Clip (Qty: 4)

INSTRUMENT PANEL OUTER TRIM COVER REPLACEMENT (WITHOUT RPO SLT)

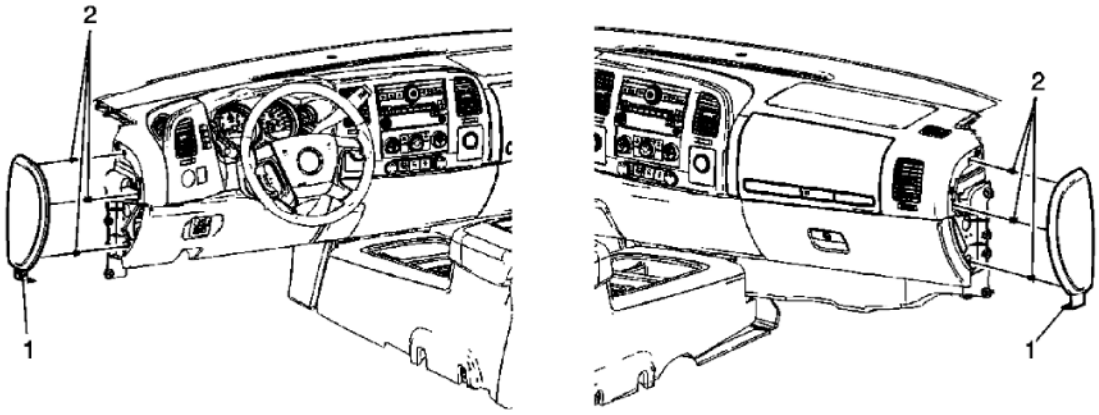


Fig. 20: View Of Instrument Panel Outer Trim Covers & Retainer Clips
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Instrument Panel Outer Trim Covers
2	Retainer Clips (Qty: 6)

INSTRUMENT PANEL OUTER TRIM COVER REPLACEMENT (WITH RPO SLT)

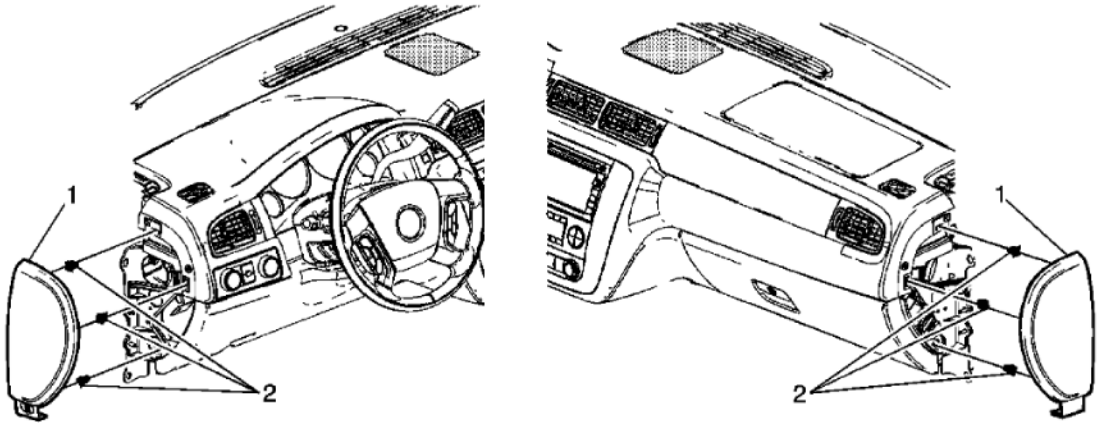


Fig. 21: View Of Instrument Panel Outer Trim Cover & Clips
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Instrument Panel Outer Trim Cover - Right or Left
2	Retainer Clips (Qty: 3)

ASHTRAY REPLACEMENT

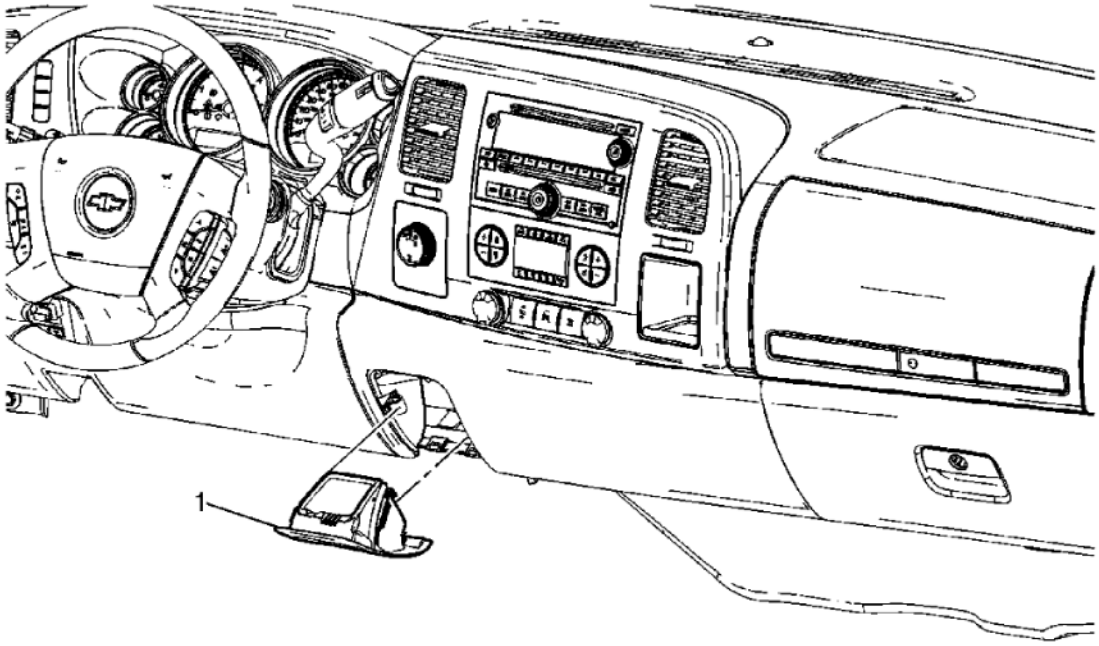


Fig. 22: View Of Instrument Panel Ashtray Assembly
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Instrument Panel Ashtray Assembly **Tip:** 1. Open the Ashtray 2. Remove the ash receptacle from the ashtray assembly. 3. Squeeze the sides of the ashtray assembly inward while pulling reward and remove the ashtray assembly from the instrument panel.

INSTRUMENT PANEL UPPER COMPARTMENT REPLACEMENT

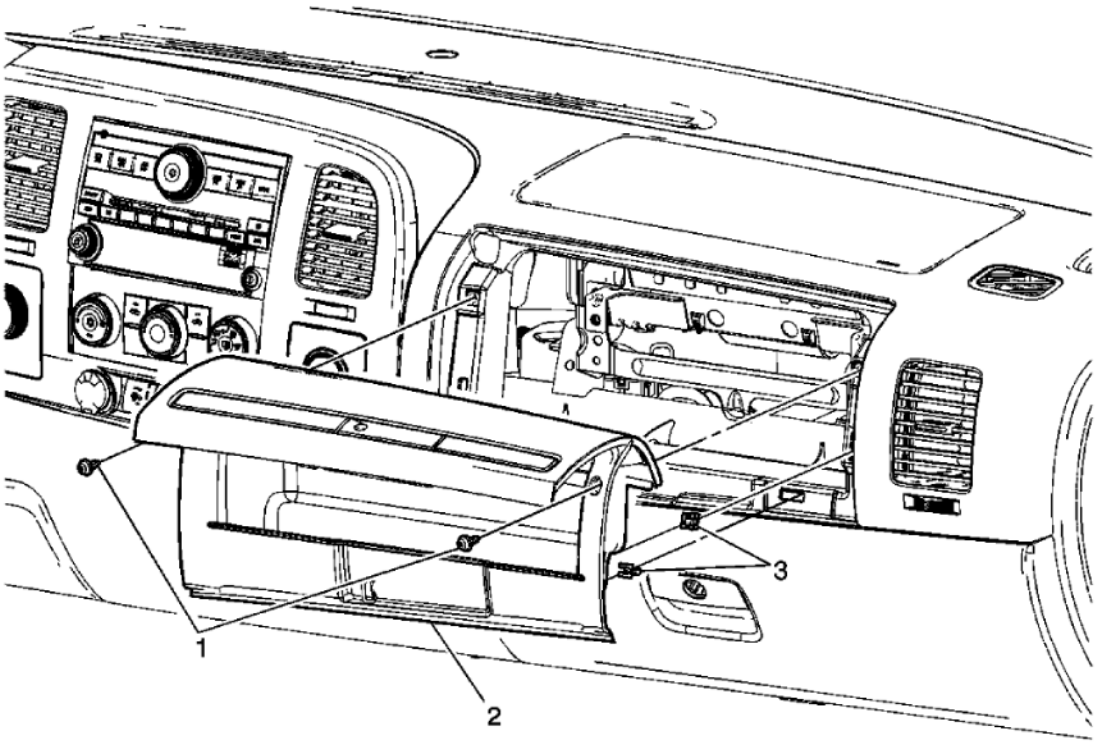


Fig. 23: View Of Instrument Panel Upper Compartment Assembly & Components
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Instrument Panel Upper Storage Compartment Screw (Qty: 2) **NOTE:** **Refer to Fastener Notice .**

	Tighten: 2 N.m (18 lb in)
2	Instrument Panel Upper Storage Compartment Assembly
3	Retainer Clip (Qty: 4)

INSTRUMENT PANEL STORAGE COMPARTMENT REPLACEMENT

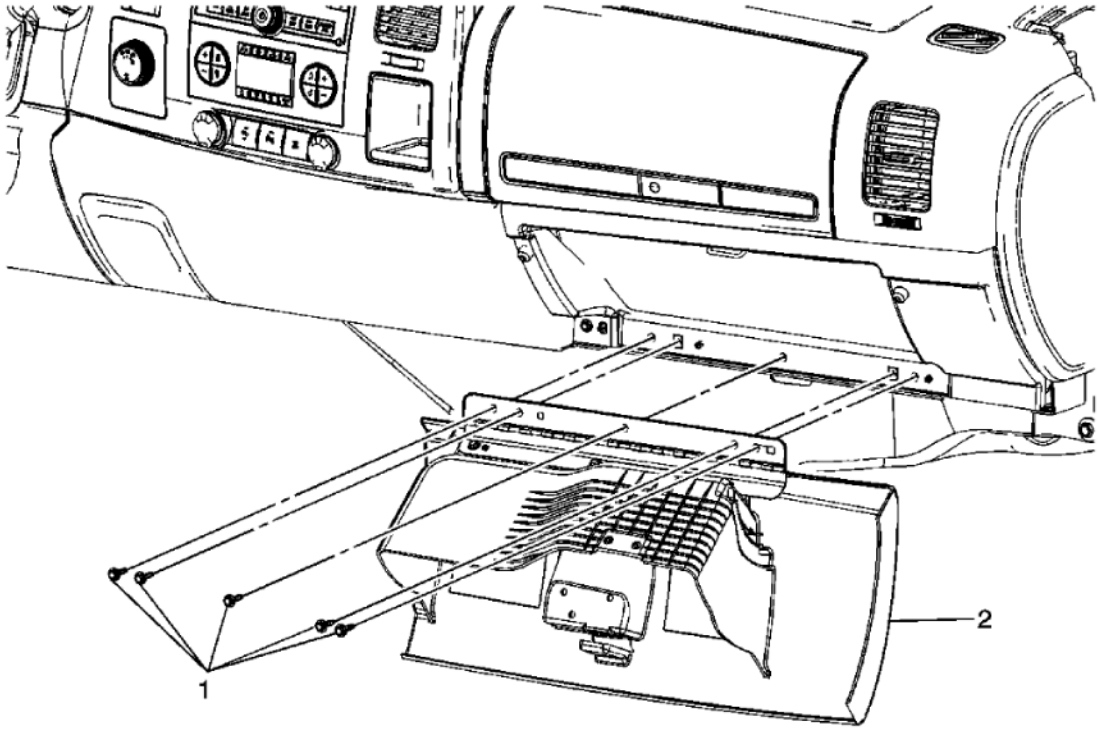


Fig. 24: View Of Instrument Panel Compartment Assembly & Screws
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Instrument Panel Compartment Assembly Screw (Qty: 5) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 2 N.m (18 lb in)
2	Instrument Panel Compartment Assembly

INSTRUMENT PANEL COMPARTMENT DOOR LOCK STRIKER REPLACEMENT (WITH RPO RPO SLT)

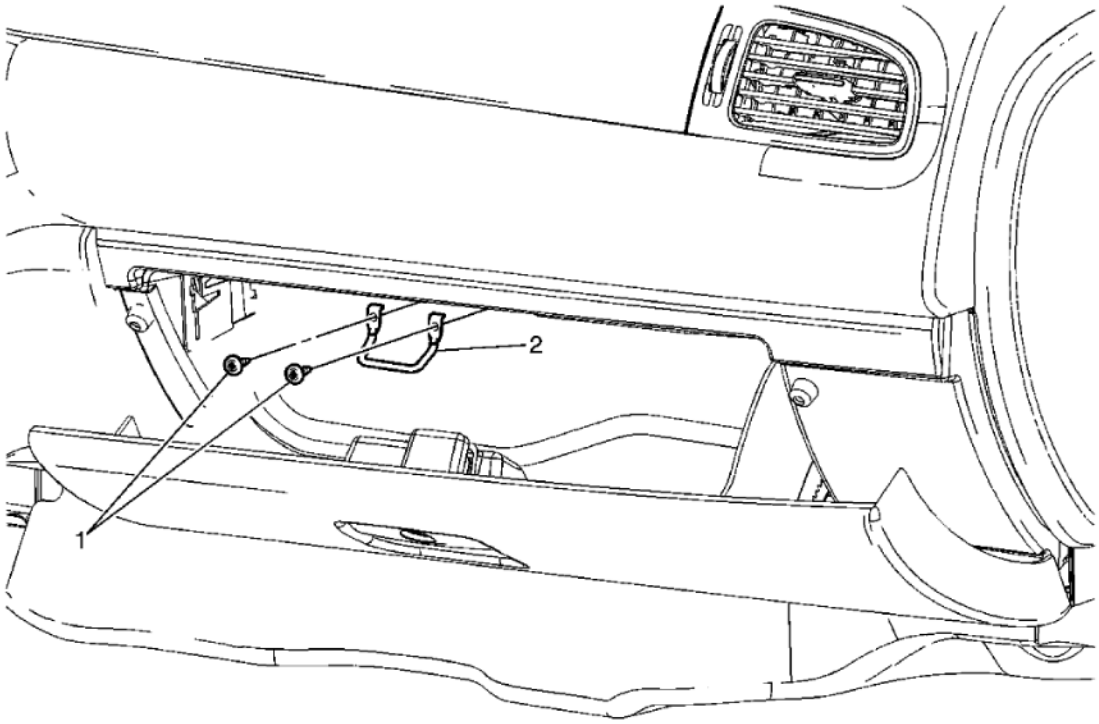


Fig. 25: View Of Instrument Panel Compartment Striker & Screws
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Instrument Panel Compartment Striker Screws (Qty: 2) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 2 N.m (18 lb in)
2	Instrument Panel Compartment Striker

INSTRUMENT PANEL COMPARTMENT DOOR REPLACEMENT (WITH RPO SLT)

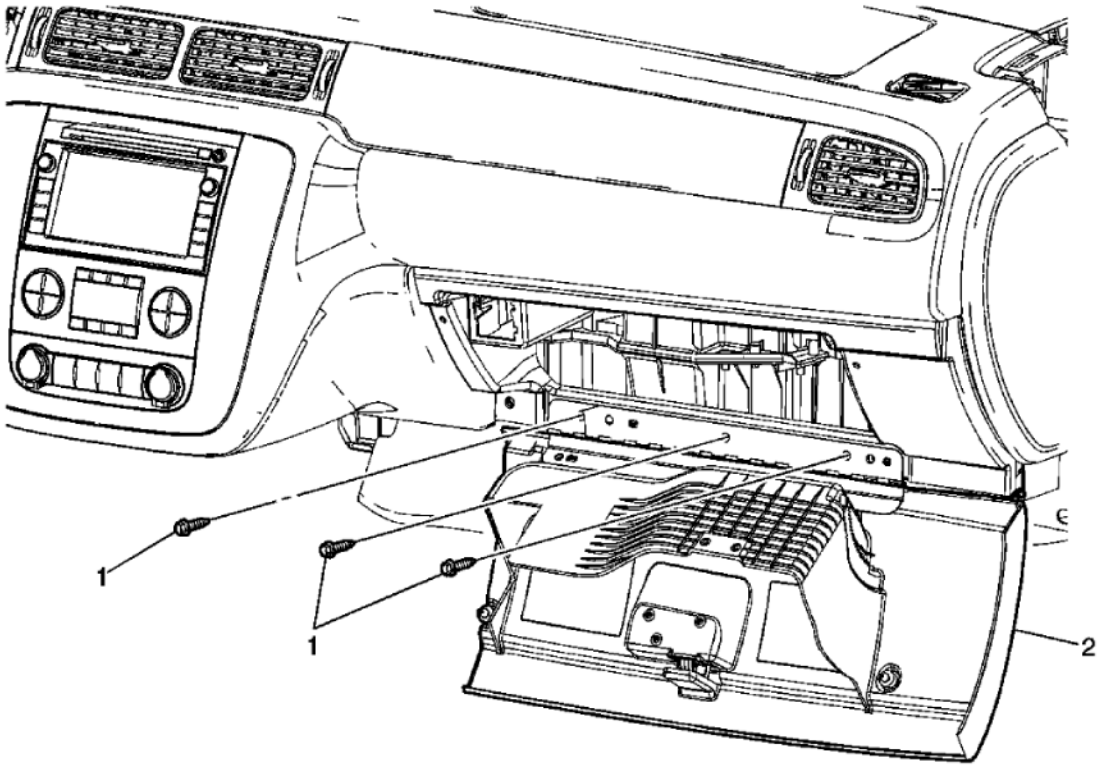


Fig. 26: View Of Instrument Panel Compartment Door Assembly & Screws
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Instrument Panel Compartment Door Screw (Qty: 3) **NOTE:** **Refer to Fastener Notice .** **Tip:** 1. Open the instrument panel compartment door. 2. Release the instrument panel compartment door stop. 3. Allow the instrument panel compartment door to open completely to access the screws. **Tighten:** 2 N.m (18 lb in)
2	Instrument Panel Compartment Door Assembly

INSTRUMENT PANEL COMPARTMENT DOOR ASSEMBLY REPLACEMENT (WITH RPO SLT) SLT)

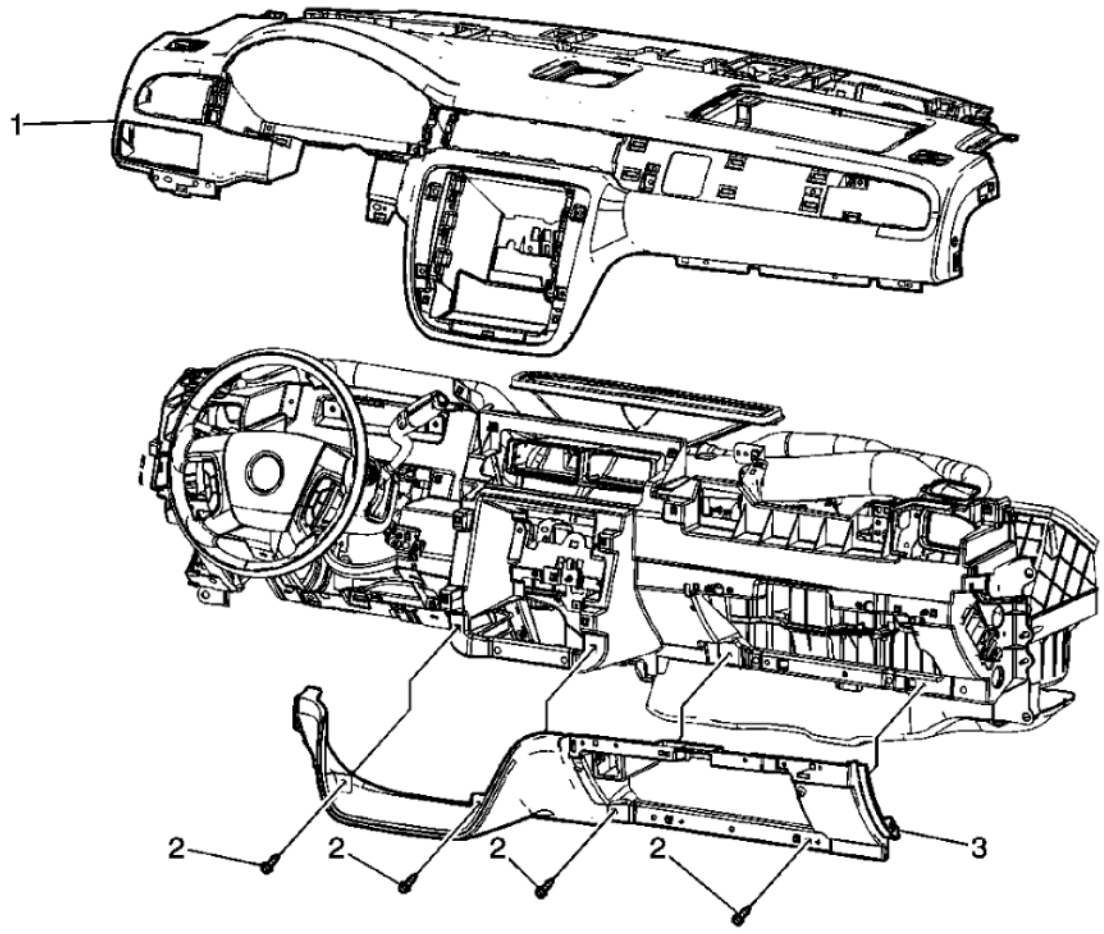


Fig. 27: View Of Instrument Panel Compartment Assembly & Components
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: Remove the front floor console. Refer to **Front Floor Console Replacement (with RPO SLT)** or **Front Floor Console Replacement (without RPO SLT)**.	
1	Instrument Panel Upper Trim Panel Assembly Refer to **Instrument Panel Upper Trim Panel Replacement (without RPO SLT)** or **Instrument Panel Upper Trim Panel Replacement (with RPO SLT)**.
	Instrument Panel Compartment Assembly Screws (Qty: 18)

2	**NOTE:** **Refer to Fastener Notice .** **Tighten:** 2 N.m (18 lb in)
3	Instrument Panel Compartment Assembly (Lower Trim Panel)

INSTRUMENT PANEL COMPARTMENT ACCESS HOLE COVER REPLACEMENT (WITHOUT RPO SLT)

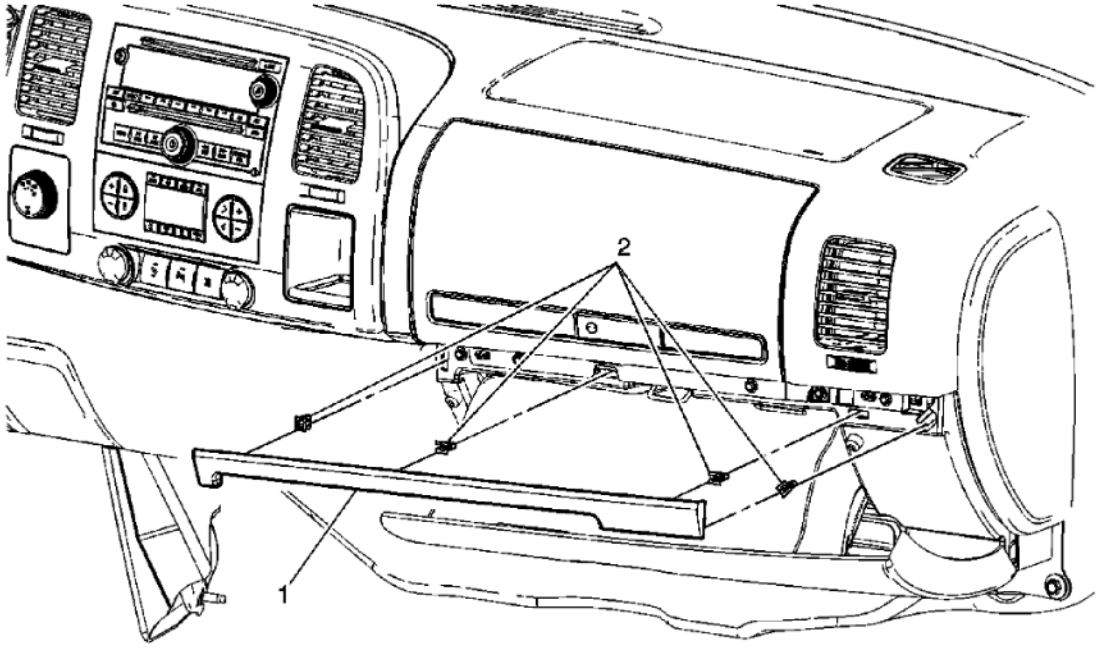


Fig. 28: View Of Instrument Panel Compartment Cover Assembly & Clips
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Instrument Panel Compartment Access Cover Assembly
2	Retainer Clip (Qty: 4)

INSTRUMENT PANEL COMPARTMENT ACCESS HOLE COVER REPLACEMENT (WITH RPO RPO SLT)

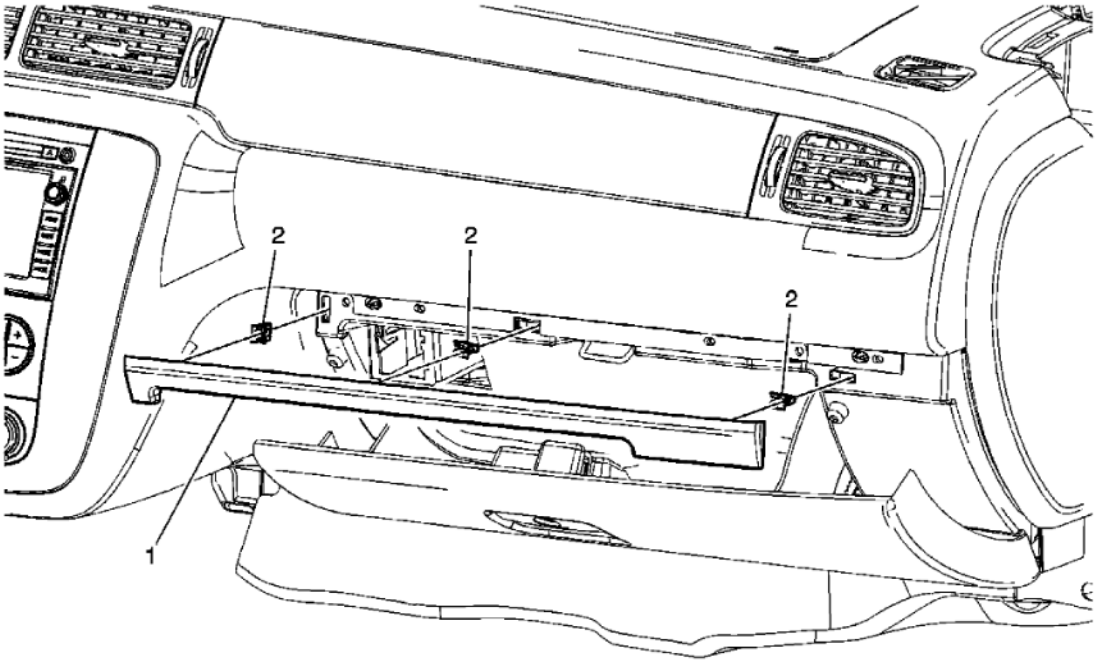


Fig. 29: View Of Instrument Panel Access Hole Cover & Clips
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Instrument Panel Access Hole Cover
2	Retainer Clips (Qty: 3)

INSTRUMENT PANEL COMPARTMENT DOOR OPENING FRAME REPLACEMENT (WITH (WITHOUT RPO SLT)

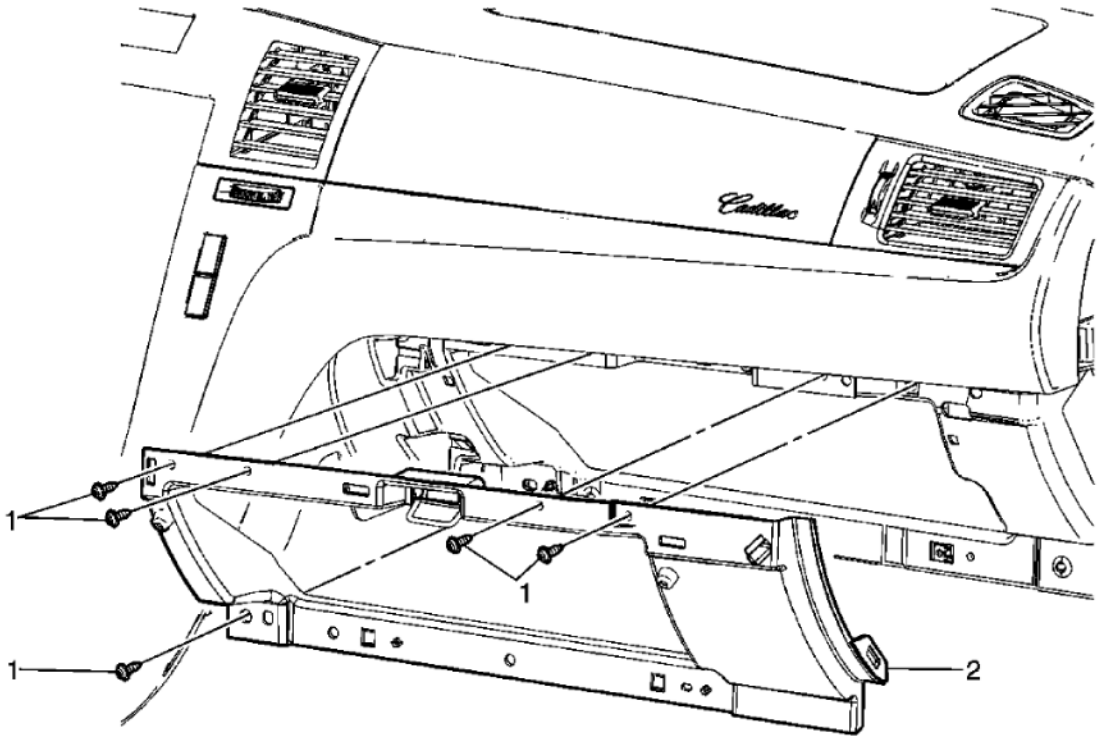


Fig. 30: View Of Instrument Panel Compartment Door Opening Frame
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure 1. Remove the instrument panel compartment door. Refer to **Instrument Panel Compartment Door Replacement (with RPO SLT)**. 2. Remove the right instrument panel outer trim cover. Refer to **Instrument Panel Outer Trim Cover Replacement (without RPO SLT)** or **Instrument Panel Outer Trim Cover Replacement (with RPO SLT)**.	
1	Instrument Panel Compartment Opening Frame Screw (Qty: 5) **NOTE:** **Refer to Fastener Notice Fastener Notice.** **Tighten:** 2.5 N.m (22 lb in)
	Instrument Panel Compartment Opening Frame Assembly **Procedure**

2	1. Disconnect the electrical connections. 2. When replacing the instrument panel compartment opening frame assembly, transfer all necessary components.

INSTRUMENT PANEL COMPARTMENT DOOR LATCH REPLACEMENT (WITH RPO SLT)

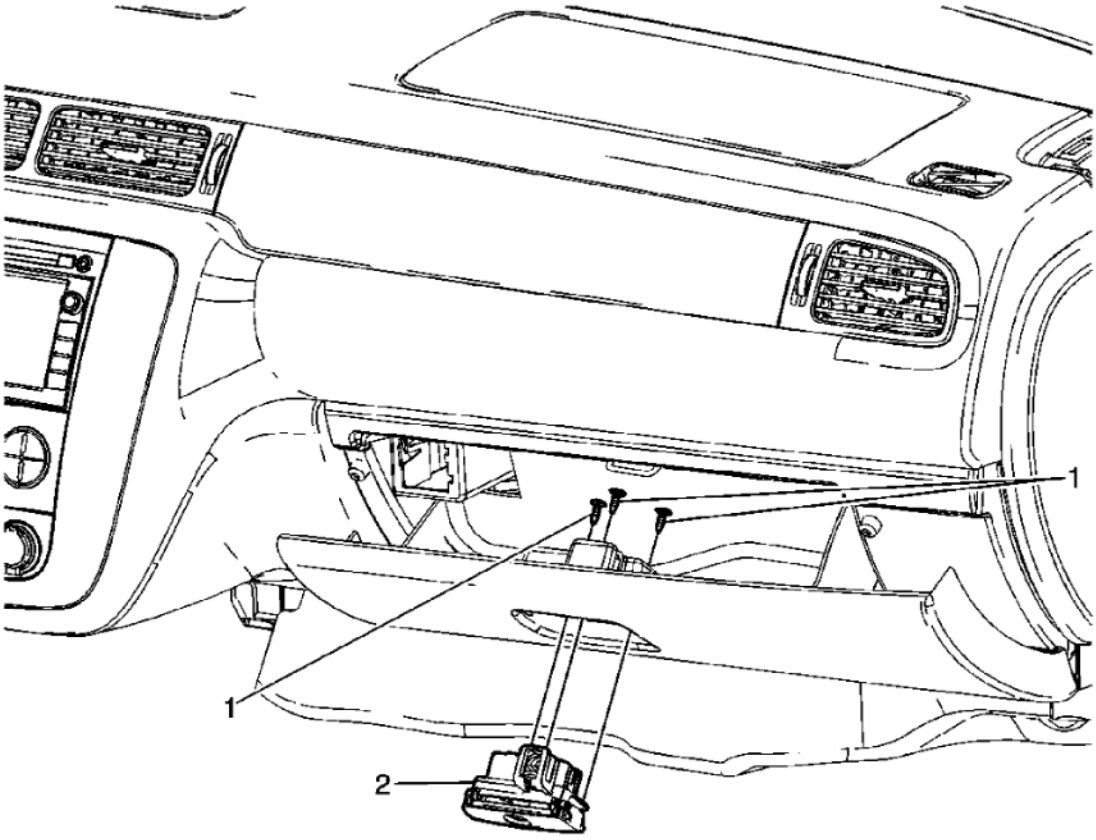


Fig. 31: View Of Instrument Panel Compartment Latch Assembly & Screws
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Instrument Panel Compartment Latch Screws (Qty: 3) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 2 N.m (18 lb in)
2	Instrument Panel Compartment Latch Assembly

INSTRUMENT PANEL COMPARTMENT DOOR LATCH REPLACEMENT (WITHOUT RPO SLT) SLT)

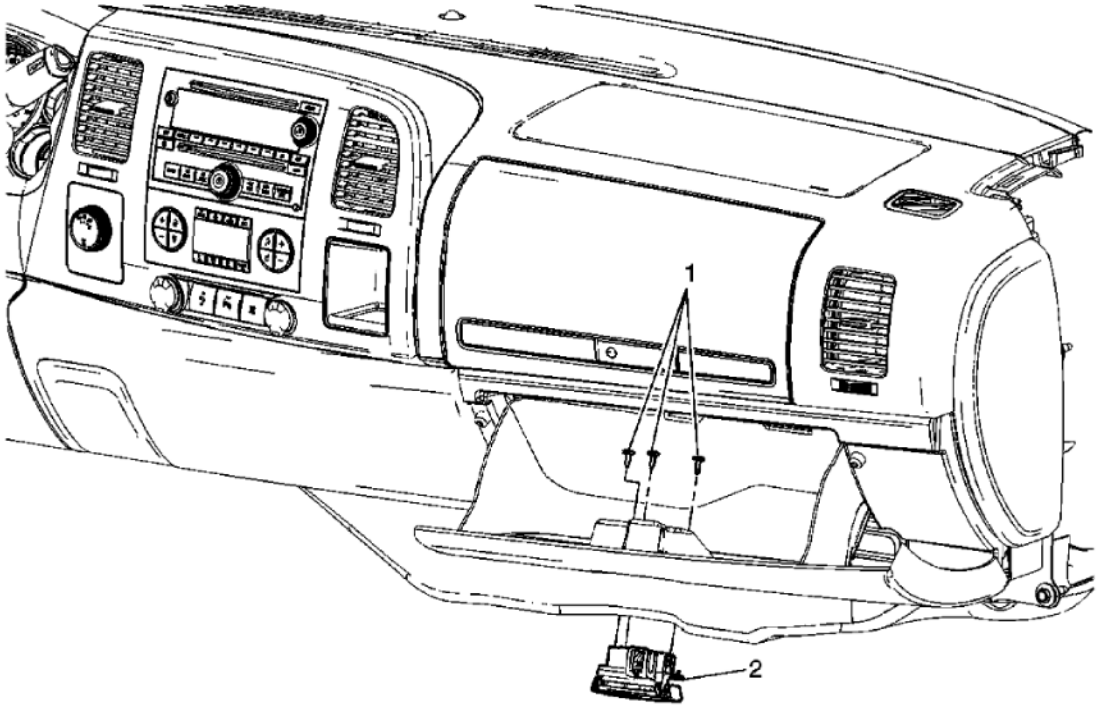


Fig. 32: View Of Instrument Panel Compartment Latch Assembly & Screws
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Instrument Panel Compartment Latch Screw (Qty: 3) **NOTE:** Refer to Fastener Notice . **Tighten:** 2 N.m (18 lb in)
2	Instrument Panel Compartment Latch Assembly

INSTRUMENT PANEL COMPARTMENT DOOR LOCK CYLINDER REPLACEMENT

Removal Procedure

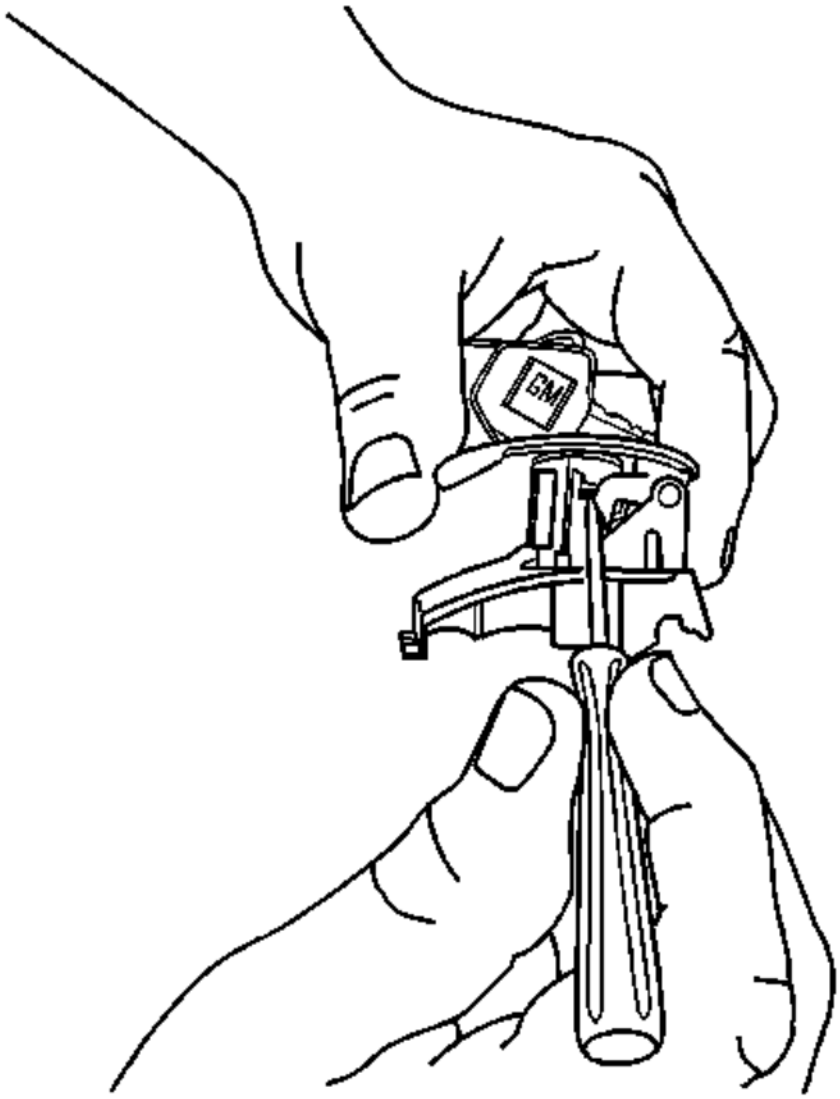


Fig. 33: Depressing Retainer Tumbler Through Poke Hole
Courtesy of GENERAL MOTORS CORP.

1. Remove the instrument panel compartment latch. Refer to **Instrument Panel Compartment Door Latch Replacement (with RPO SLT)** or **Instrument Panel Compartment Door Latch Replacement (without RPO SLT)**.
2. Position the instrument panel compartment latch fork bolt in the up position.

3. Insert the key into the instrument panel compartment lock cylinder.
4. Rotate the instrument panel compartment lock cylinder clockwise to the 3 o'clock position with the key.
5. With the key in position, apply a light load and depress the retainer tumbler through the poke hole at the right hand side of the instrument panel compartment latch.

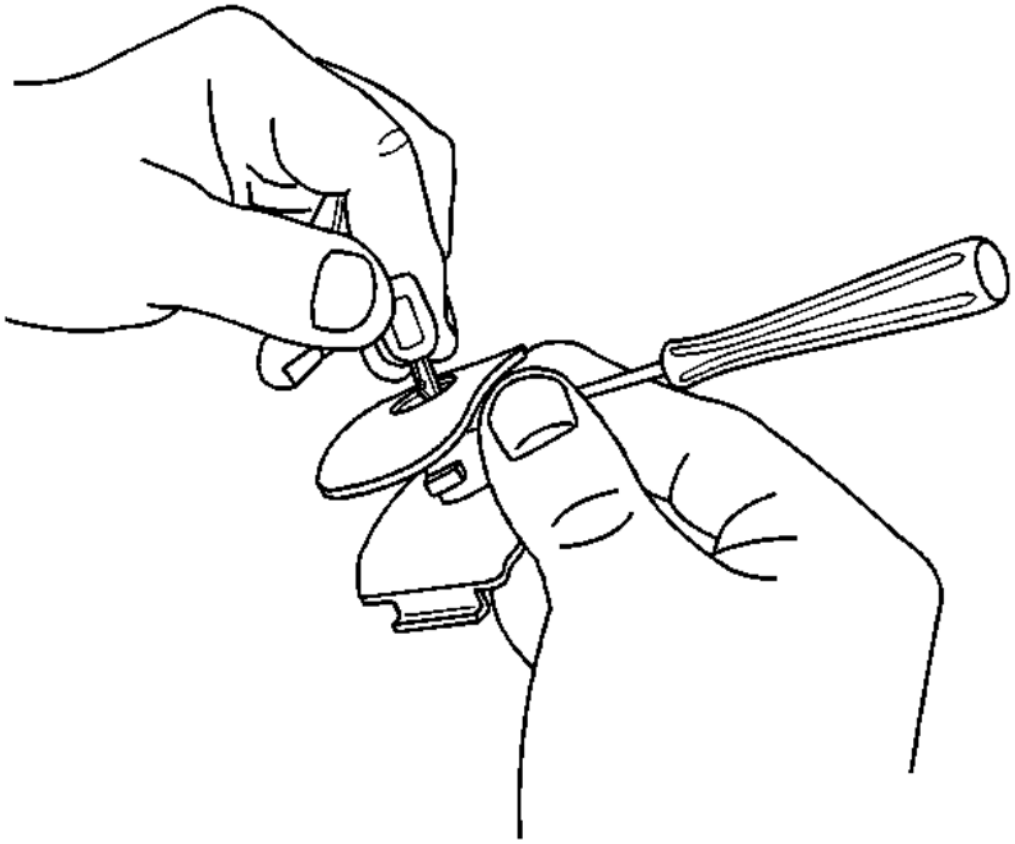


Fig. 34: Rotating Key To 5 O'Clock
Courtesy of GENERAL MOTORS CORP.

6. Rotate the key until the instrument panel compartment lock cylinder rotates to about the 5 o'clock position.

   This will line up the notch at the rear of the instrument panel compartment lock cylinder with the tab in the instrument panel compartment latch housing.

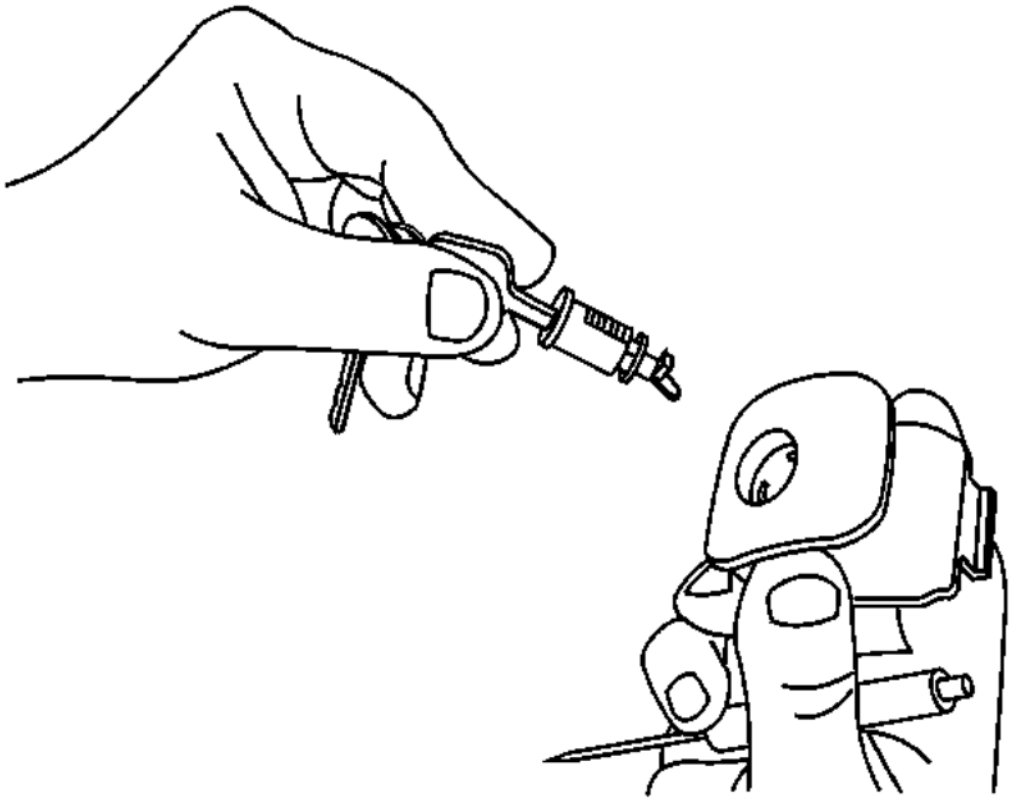


Fig. 35: Identifying I/P Compartment Door Lock Cylinder
Courtesy of GENERAL MOTORS CORP.

7. Remove the instrument panel compartment lock cylinder from the instrument panel compartment latch by pulling on the key.

Installation Procedure

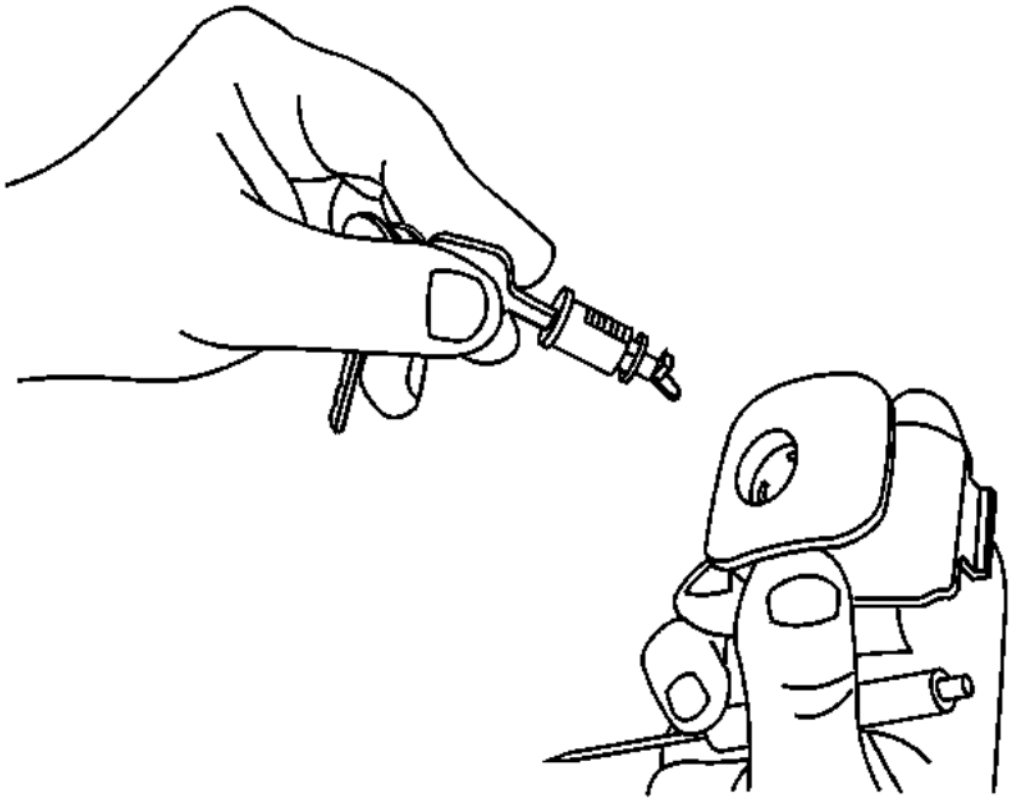


Fig. 36: Identifying I/P Compartment Door Lock Cylinder
Courtesy of GENERAL MOTORS CORP.

1. Position the instrument panel compartment latch fork bolt in the up position.
2. Grasp the instrument panel compartment lock cylinder. Depress the rear-most, light-colored tumbler that is flush with the instrument panel compartment lock cylinder surface.
3. Insert the key.

   All the tumblers will now stay depressed.

4. Insert the instrument panel compartment lock cylinder, with the key inserted, into the instrument panel compartment latch housing. Ensure that the front projection pin is at the appropriate 8 o'clock position.

   The instrument panel compartment lock cylinder will drop into place.

5. Rotate the key counterclockwise until the key stops.
6. Remove the key, the tumblers will now release.

   The instrument panel compartment lock cylinder is now locked into the instrument panel compartment latch housing.

7. Install the instrument panel compartment latch. Refer to **Instrument Panel Compartment Door Latch Replacement (with RPO SLT)** or **Instrument Panel Compartment Door Latch Replacement (without RPO SLT)**.

INSTRUMENT PANEL COMPARTMENT DOOR DAMPENER REPLACEMENT (WITH RPO SLT) SLT)

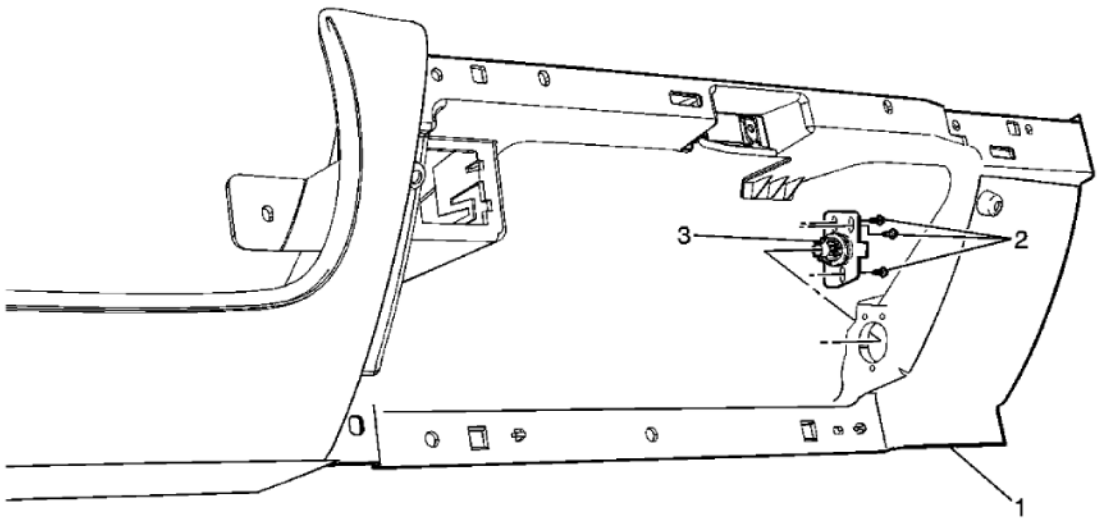


Fig. 37: View Of Instrument Panel Compartment Door Dampener
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Instrument Panel Compartment door assembly. Refer to **Instrument Panel Compartment Door Assembly Replacement (with RPO SLT)**.
2	Instrument Panel Compartment Dampner Screw (Qty: 3) **NOTE:** **Refer to Fastener Notice Fastener Notice.** **Tighten:** 2.5 N.m (22 lb in)

3	Instrument Panel Compartment Dampner

INSTRUMENT PANEL COMPARTMENT DOOR DAMPENER REPLACEMENT (WITHOUT RPO RPO SLT)

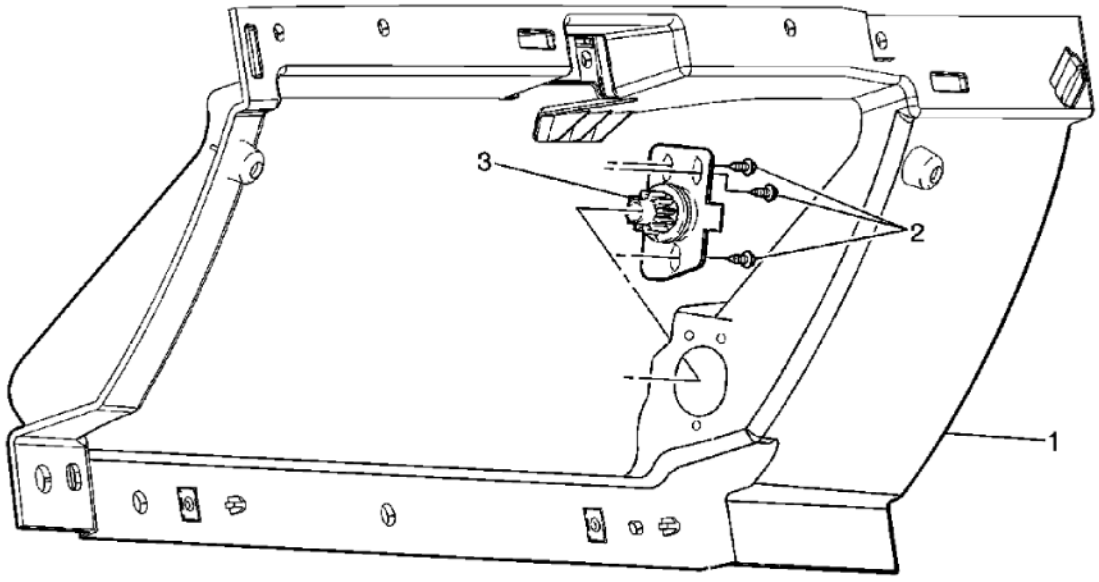


Fig. 38: View Of Instrument Panel Compartment Door Dampener
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Instrument Panel Compartment Opening Frame. Refer to **Instrument Panel Compartment Door Opening Frame Replacement (Without RPO SLT)**.
2	Instrument Panel Compartment Dampner Screw (Qty: 3) **NOTE:** **Refer to Fastener Notice Fastener Notice.** **Tighten:** 2.5 N.m (22 lb in)
3	Instrument Panel Compartment Dampner

INSTRUMENT PANEL LOWER TRIM PANEL REPLACEMENT

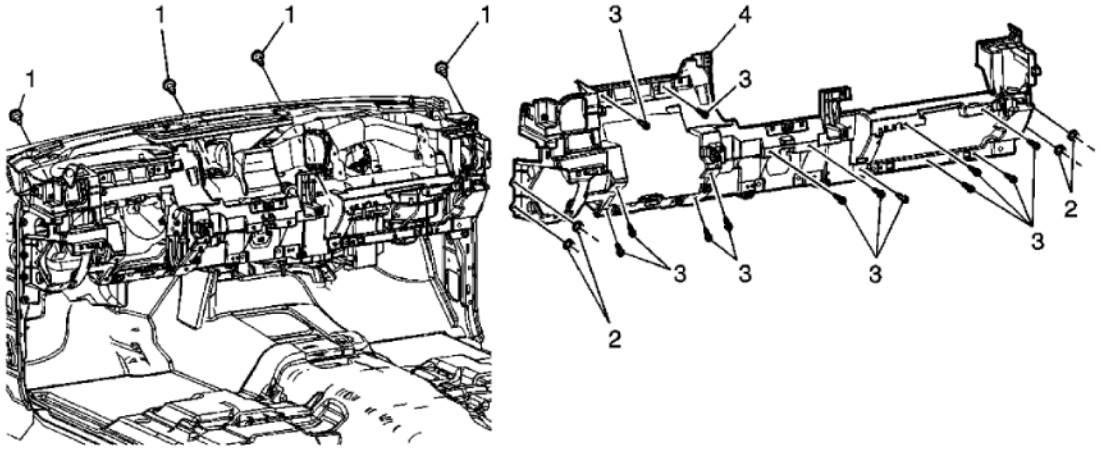


Fig. 39: View Of Instrument Panel Lower Trim Panel Assembly & Components
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedures 1. Remove the instrument panel upper trim panel assembly. Refer to **Instrument Panel Upper Trim Panel Replacement (without RPO SLT)** or **Instrument Panel Upper Trim Panel Replacement (with RPO SLT)**. 2. Remove the steering column. Refer to **Steering Column Replacement (Non Hybrid)** . 3. Remove the communication interface module. Refer to **Communication Interface Module Replacement (without RPO SLT)** or **Communication Interface Module Replacement (with RPO SLT)** .	
1	Instrument Panel Lower Trim Panel to HVAC Screw (Qty: 4) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 2 N.m (18 lb in)
2	Instrument Panel Lower Trim Panel to Body Nut (Qty: 4) **Tighten:** 9 N.m (80 lb in)
3	Instrument Panel Lower Trim Panel Bolt (Qty: 7) **Tighten:** 2.5 N.m (22 lb in)

4	Instrument Panel Lower Trim Panel Assembly **Procedure** 1. Note location and routing of the instrument panel wiring harness prior to removal of the instrument panel lower trim panel assembly to ensure proper reinstallation. 2. Disconnect the wiring harness from the instrument panel lower trim panel assembly. 3. With the aid of an assistant, remove the instrument panel lower trim panel assembly from the vehicle. 4. If replacing the instrument panel lower trim panel assembly, transfer all necessary components.

INSTRUMENT PANEL UPPER TRIM PANEL WITH WINDSHIELD DEFROSTER NOZZLE GRILLE REPLACEMENT (WITHOUT RPO SLT)

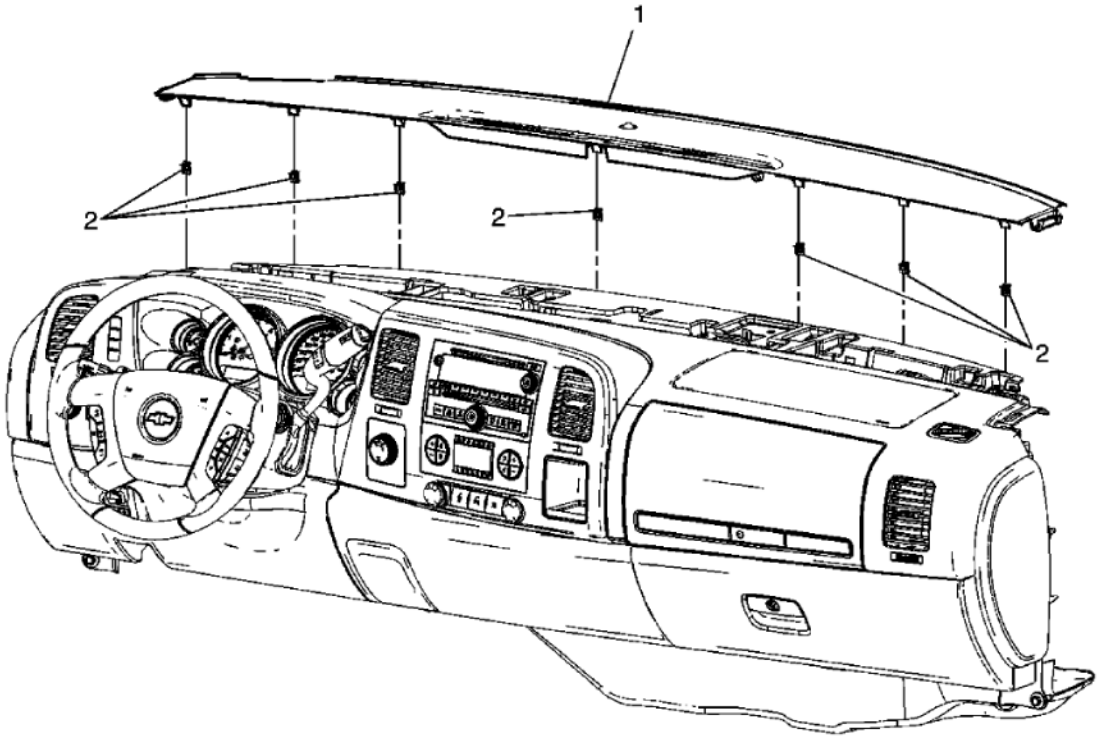


Fig. 40: View Of Instrument Panel Upper Trim Panel & Retainer Clips
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: Remove the windshield pillar garnish moldings. Refer to **Windshield Pillar Garnish Molding Replacement** .	
1	Instrument Panel Upper Trim Panel **Tip:** 1. Disconnect the electrical connectors. 2. If replacing the instrument panel upper trim panel, transfer all necessary components.
2	Retainer Clip (Qty: 7)

INSTRUMENT PANEL UPPER TRIM PANEL WITH WINDSHIELD DEFROSTER NOZZLE GRILLE REPLACEMENT (WITH RPO SLT)

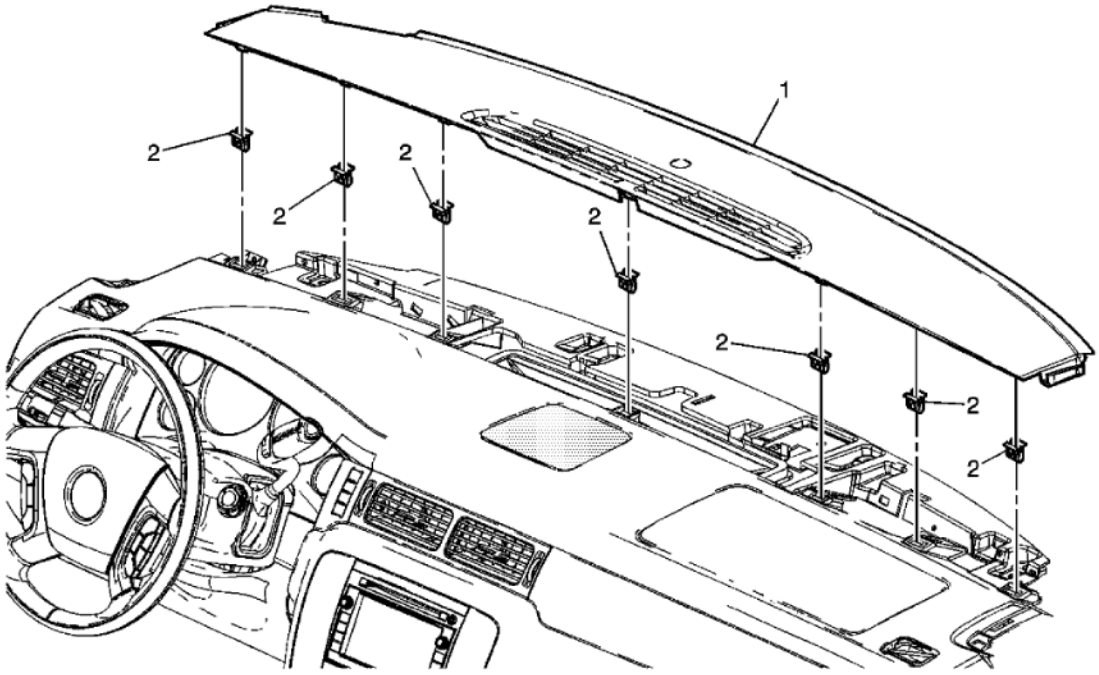


Fig. 41: View Of Instrument Panel Upper Trim Panel with Windshield Defroster Nozzle & Clips
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure:	

Remove the windshield garnish moldings. Refer to **Windshield Pillar Garnish Molding Replacement** .	
1	Instrument Panel Upper Trim Panel **Tip:** Disconnect the electrical connections.
2	Retainer Clips (Qty: 7)

INSTRUMENT PANEL CENTER SUPPORT BRACKET REPLACEMENT

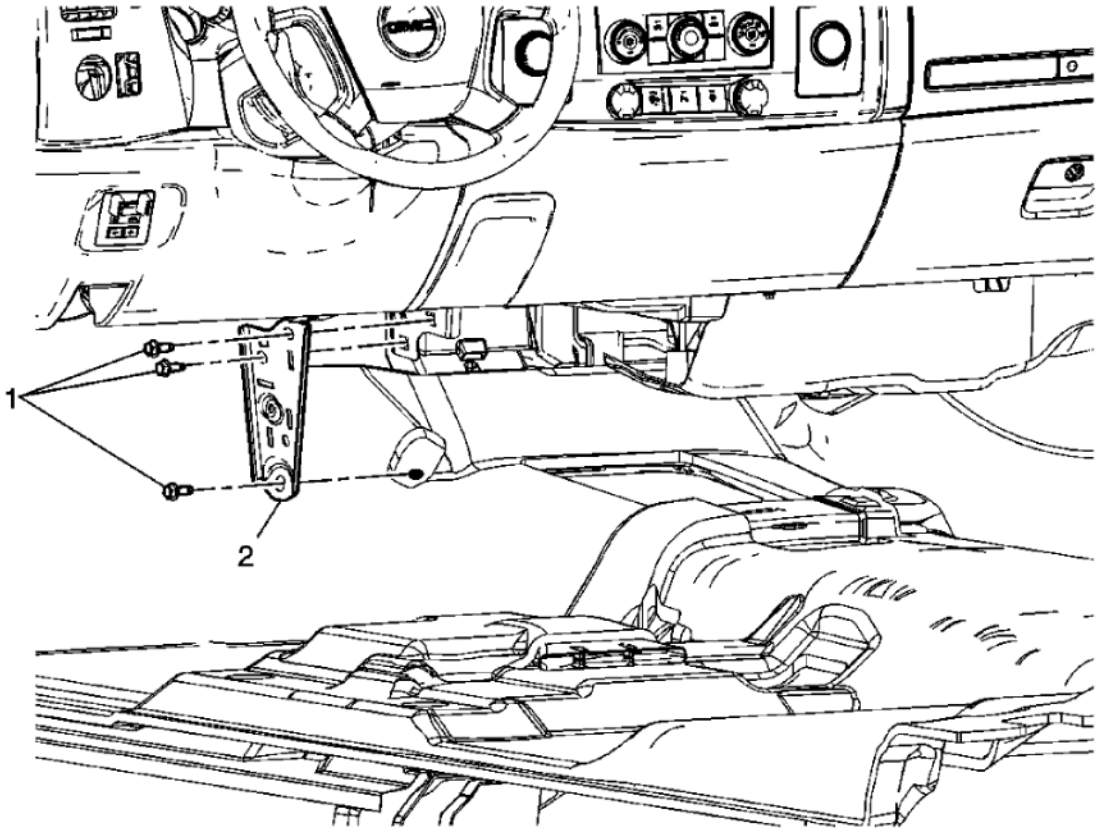


Fig. 42: View Of Instrument Panel Lower Center Support Bracket & Bolts
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: Remove the instrument panel center lower support bracket bezel. Refer to **Instrument Panel Lower Brace Bezel Replacement**.	
	Instrument Panel Lower Center Support Bracket Bolt (Qty: 3) **NOTE:**

1	Refer to Fastener Notice . **Tighten:** 22 N.m (16 lb ft)
2	Instrument Panel Lower Center Support Bracket

INSTRUMENT PANEL SERVICE POSITIONING (WITHOUT SLT)

Special Tools

J 42640 Steering Column Anti-Rotation Pin. See **Special Tools**.

Removal Procedure

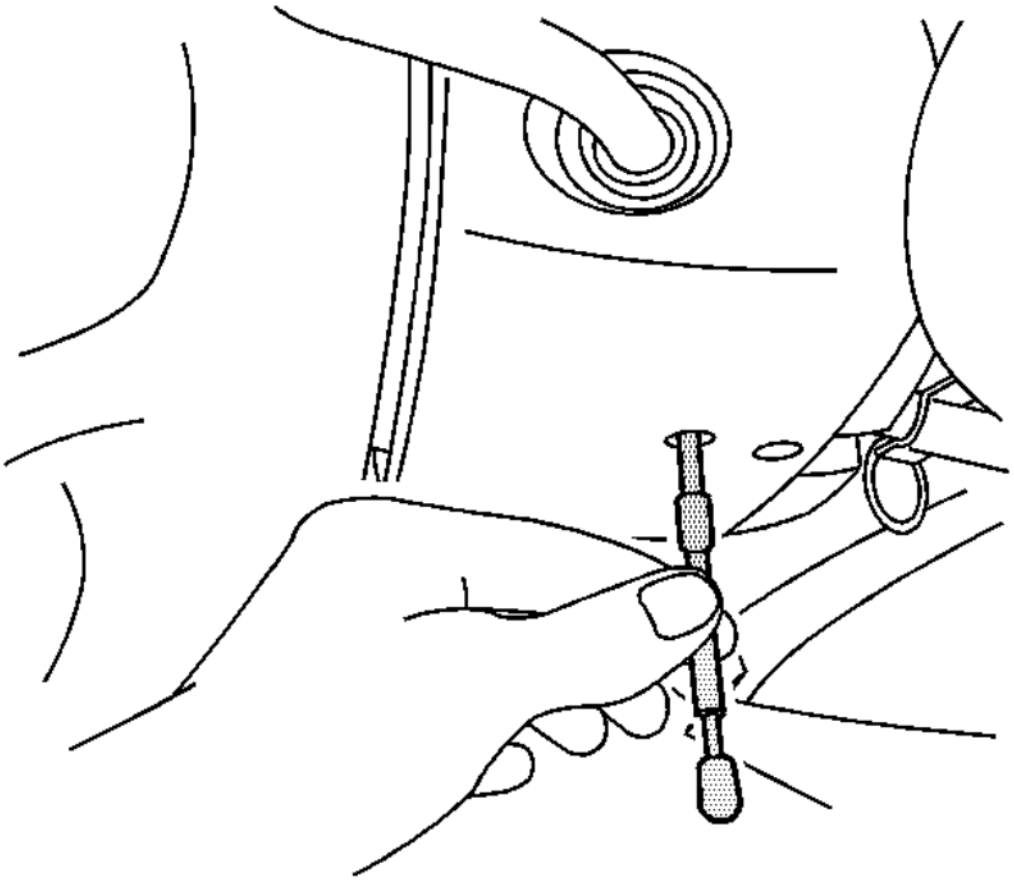


Fig. 43: Identifying J 42640

Courtesy of GENERAL MOTORS CORP.

NOTE: Secure the steering wheel utilizing a strap to prevent rotation. Locking of the steering column will prevent damage and a possible malfunction of the SIR system. The steering wheel must be secured in position before disconnecting the following components:

- **The steering column**
- **The intermediate shaft**
- **The steering gear**

After disconnecting these components, do not move the front tires and wheels. Failure to follow these procedures may cause improper alignment of some components during installation and result in possible damage to the SIR coil.

1. Lock the steering column through the access hole in the steering column shroud using anti-rotation pin J 42640.

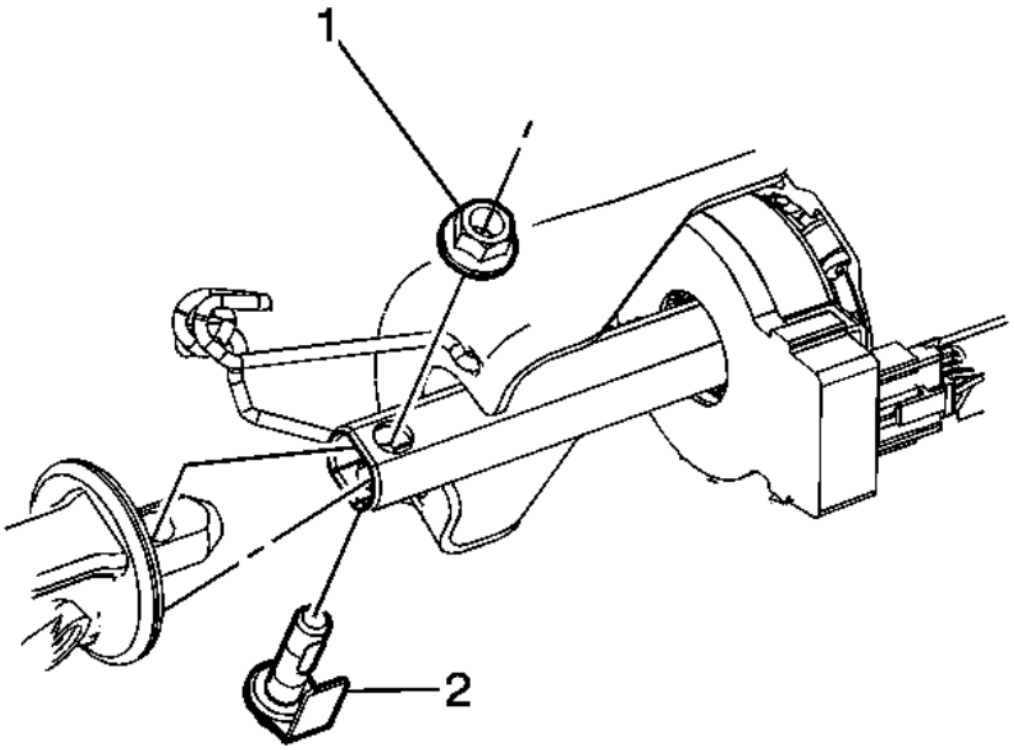


Fig. 44: View Of Upper Intermediate Shaft Pinch Bolt, Nut & Steering Column
Courtesy of GENERAL MOTORS CORP.

2. Remove the steering shaft coupling nut (1) and bolt (2) at the steering column.
3. Remove the front floor console, If equipped. Refer to **Front Floor Console Replacement (with RPO SLT)** or **Front Floor Console Replacement (without RPO SLT)**.
4. Remove the transmission control lever knob, if equipped with a manual transmission. Refer to **Transmission Control Lever Knob Replacement** or **Transmission Control Lever Knob Replacement** .
5. Disconnect the negative battery cable. Refer to **Battery Negative Cable Disconnection and Connection (w/Single Battery)** or **Battery Negative Cable Disconnection and Connection (w/Auxiliary Battery)** or **Battery Negative Cable Disconnection and Connection (w/Dual Batteries)** .
6. Remove the instrument panel outer trim covers. Refer to **Instrument Panel Outer Trim Cover Replacement (without RPO SLT)** or **Instrument Panel Outer Trim Cover**

Replacement (with RPO SLT).

7. Remove the windshield pillar garnish moldings. Refer to **Windshield Pillar Garnish Molding Replacement** .
8. Remove the instrument panel upper trim panel with windshield defroster nozzle grille. Refer to **Instrument Panel Upper Trim Panel with Windshield Defroster Nozzle Grille Replacement (without RPO SLT)** or **Instrument Panel Upper Trim Panel with Windshield Defroster Nozzle Grille Replacement (with RPO SLT)**.
9. Tape the ambient light sensor to the instrument panel upper trim panel to ensure it does not fall behind the instrument panel assembly during reinstallation.
10. Remove the right and left body hinge pillar trim panel. Refer to **Body Hinge Pillar Trim Panel Replacement** .
11. Remove the instrument panel center support bracket. Refer to **Instrument Panel Center Support Bracket Replacement**.
12. Note location and routing of the instrument panel wiring harness prior to removal in order to ensure proper installation.
13. On the right side of the instrument panel.
    - Disconnect the electrical connections to the instrument panel right electrical center.
    - Disconnect the electrical connection for the instrument panel inflatable restraint module.
    - Disconnect the radio antennas.
    - Release the wire looms securing the wiring harnesses to the right side of the instrument panel.
14. On the left side of the instrument panel.
    - Disconnect the electrical connections to the instrument panel left electrical center.
    - Disconnect the ground wires from the upper left cowl panel.
    - Remove the body wiring harness junction block from its bracket to allow movement in the body harness.
    - Release the wire looms securing the wiring harnesses to the left side of the instrument panel.

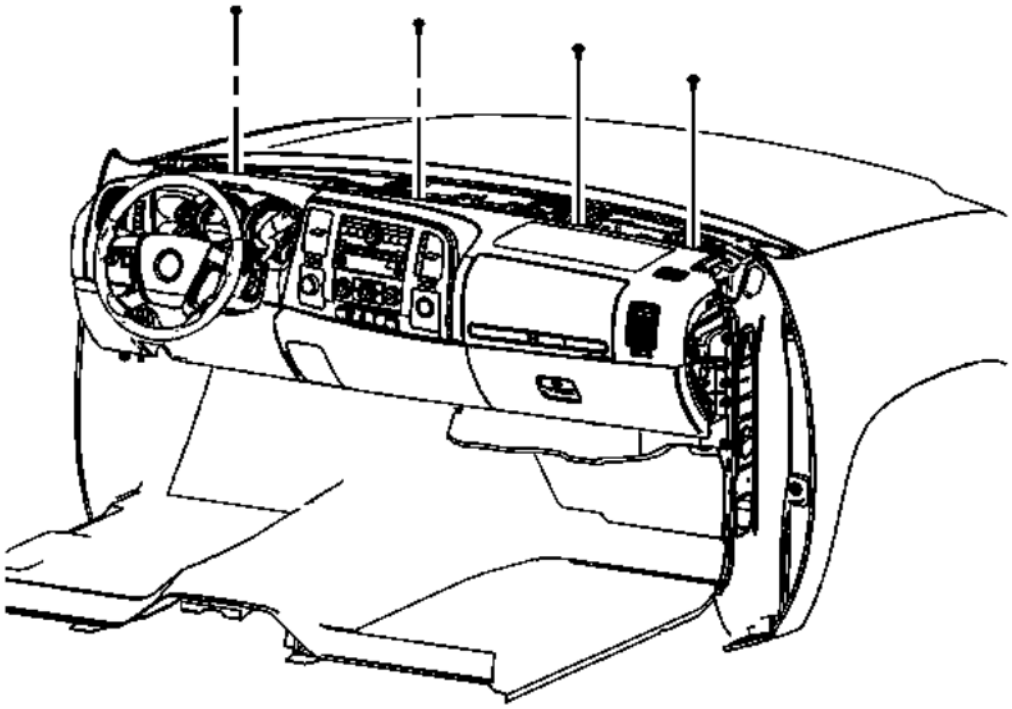


Fig. 45: View Of Bolts Securing Instrument Panel Upper Trim Panel To Cowl
Courtesy of GENERAL MOTORS CORP.

15. Remove the (4) bolts (1) securing the instrument panel upper trim panel to the cowl.

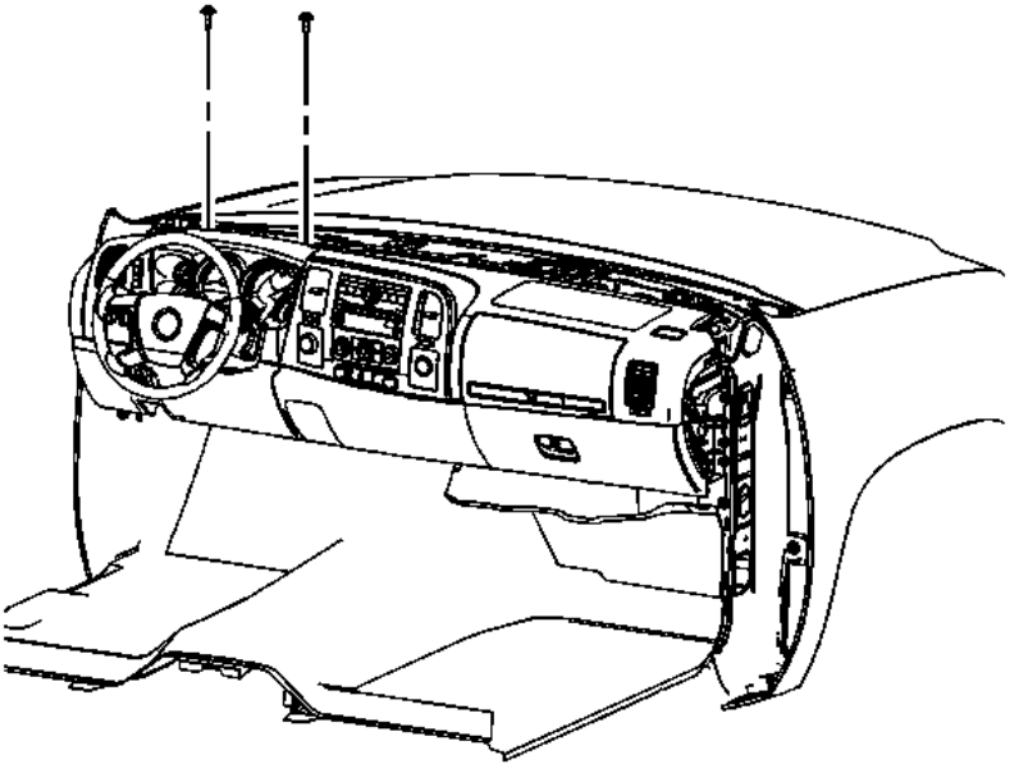


Fig. 46: View Of Bolts Securing Instrument Carrier Support To Cowl
Courtesy of GENERAL MOTORS CORP.

16. Remove the (2) bolts (1) securing the instrument carrier support to the cowl.

    These bolts are located down inside the instrument panel and can be seen through the windshield.

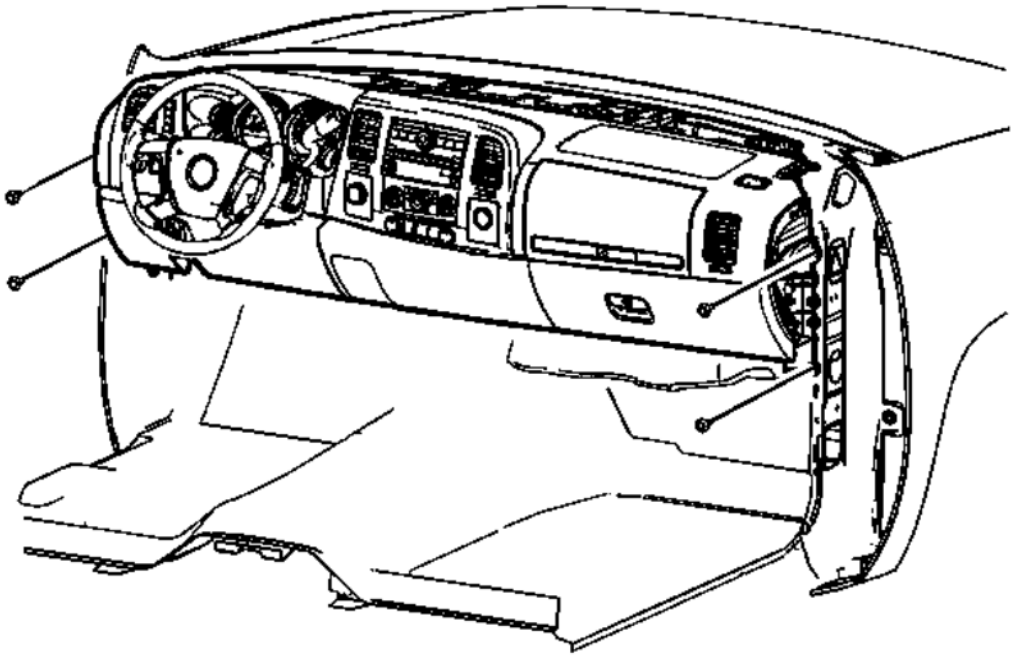


Fig. 47: View Of Bolts Holding Instrument Panel Assembly To Vehicle
Courtesy of GENERAL MOTORS CORP.

17. Remove the (4) bolts (1) releasing the instrument panel assembly from the vehicle.

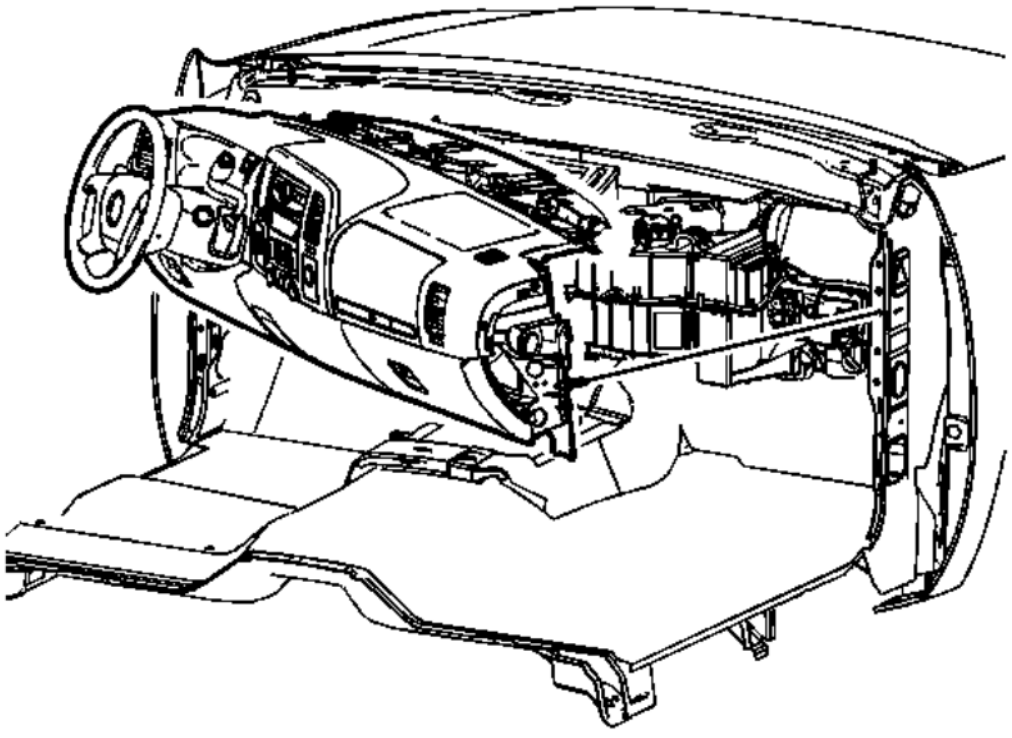


Fig. 48: Removing/Installing Instrument Panel Assembly
Courtesy of GENERAL MOTORS CORP.

18. With the aid of an assistant pull the instrument panel assembly (1) rearward in the vehicle until the locator pin on each side clears the opening.
19. The person on the right side of the instrument panel should pivot the instrument panel inward toward the center of the vehicle until enough clearance is gained to access the HVAC module.
20. Set the instrument panel assembly down and adequately support it in order to prevent any damage.

Installation Procedure

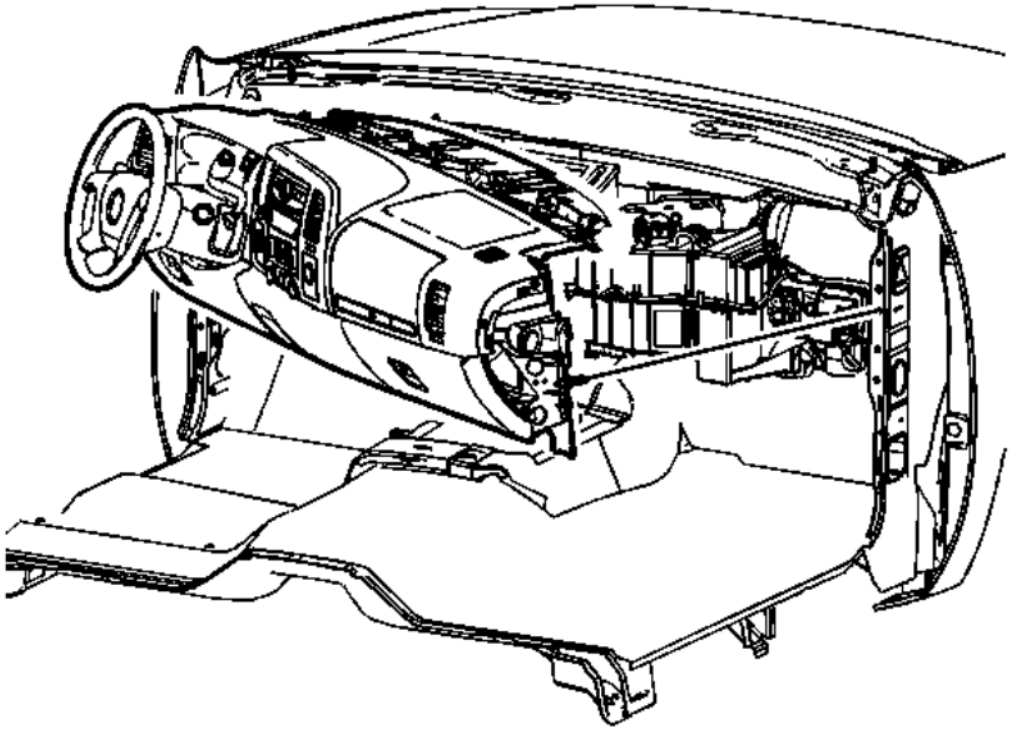


Fig. 49: Removing/Installing Instrument Panel Assembly
Courtesy of GENERAL MOTORS CORP.

1. With the aid of an assistant.
    - Lift the instrument panel assembly (1) up and align the locator pins to the openings in the hinge pillars.
    - Push the instrument panel forward until the instrument panel is in vehicle position.

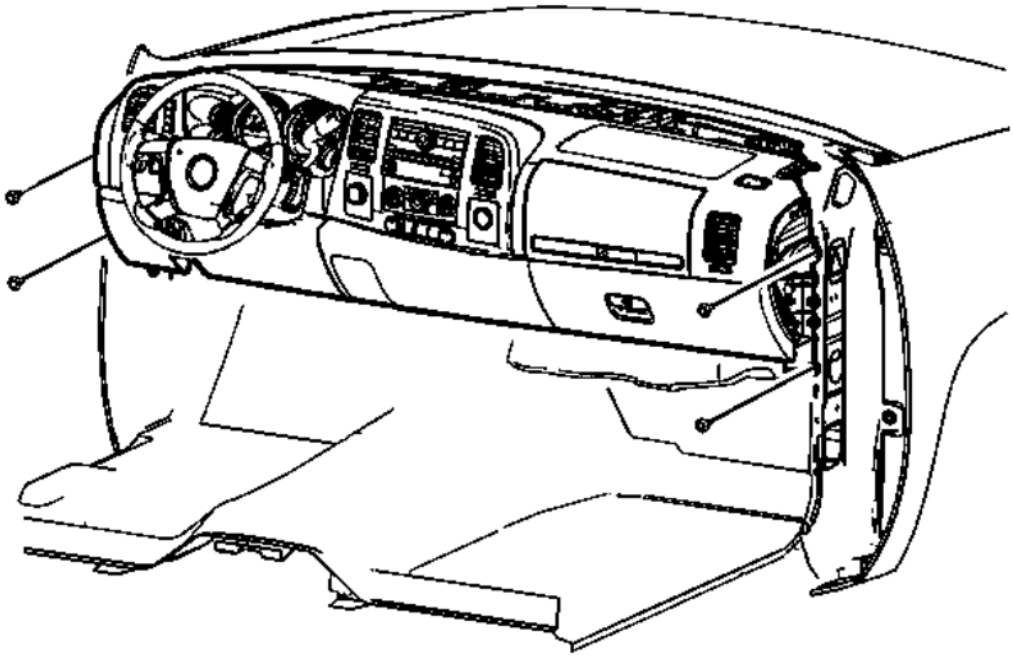


Fig. 50: View Of Bolts Holding Instrument Panel Assembly To Vehicle
Courtesy of GENERAL MOTORS CORP.

2. Loosely install the (4) bolts (1) on the outer ends of the instrument panel.

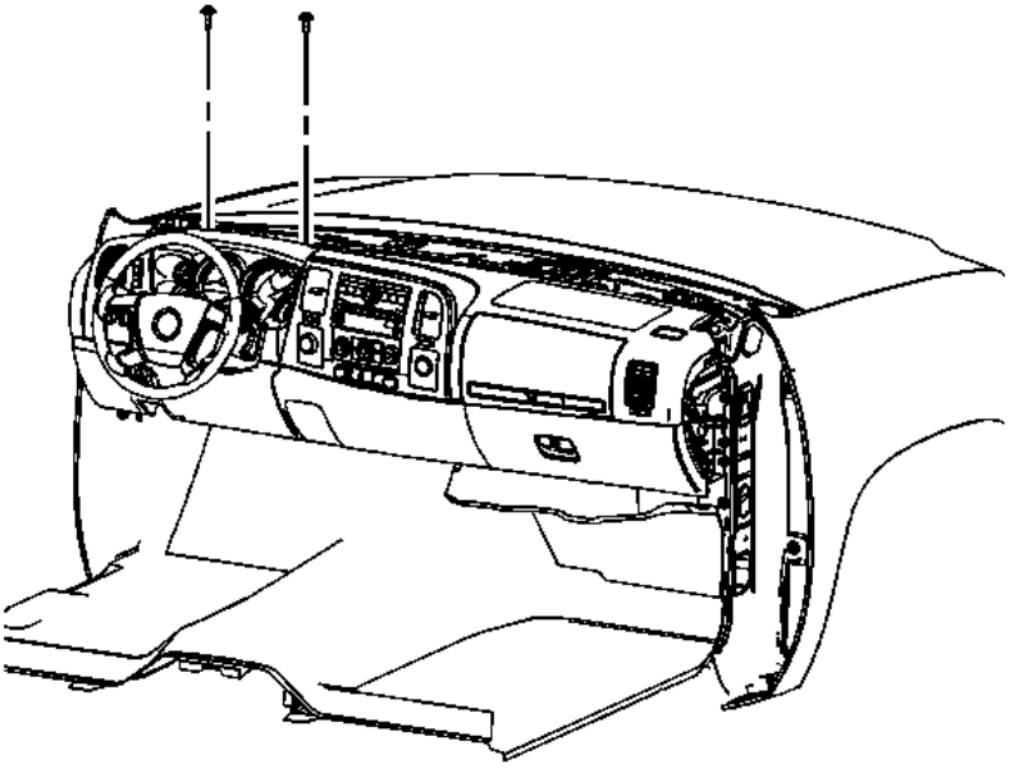


Fig. 51: View Of Bolts Securing Instrument Carrier Support To Cowl
Courtesy of GENERAL MOTORS CORP.

3. Loosely install the (2) bolts (1) securing the instrument panel carrier support to the cowl.

NOTE: **Refer to Fastener Notice .**

4. Tighten the (6) bolts securing the instrument panel to the vehicle.

Tighten: Tighten the bolts to 22 N.m (16 lb ft).

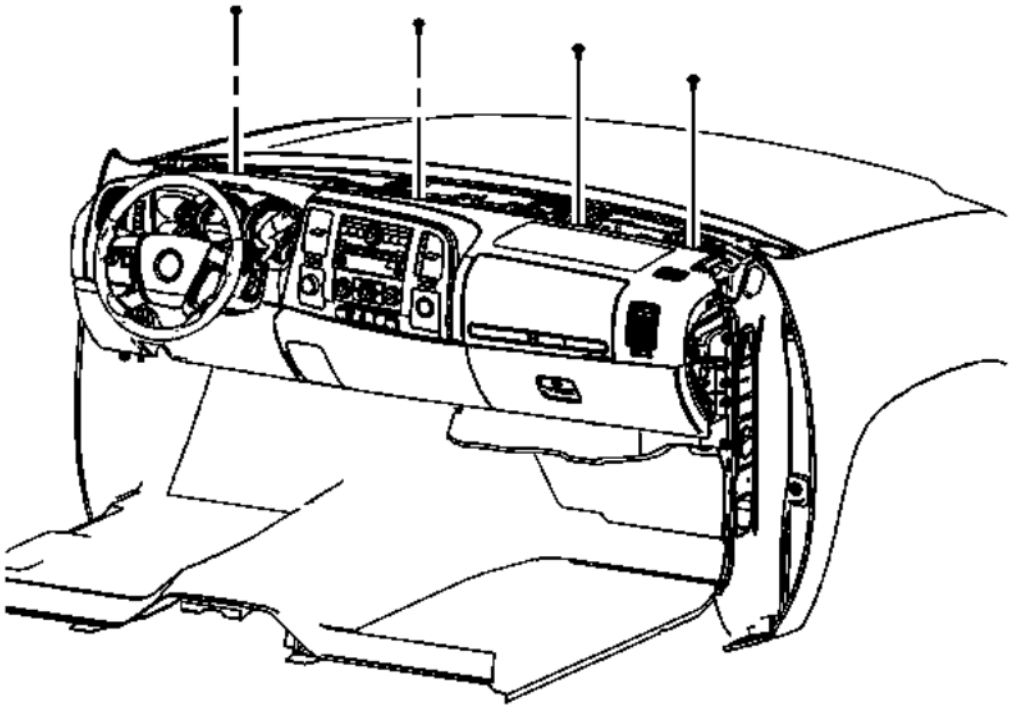


Fig. 52:
Courtesy of GENERAL MOTORS CORP.

5. Install the (4) bolts (1) securing the instrument panel upper trim panel to the cowl.

   Tighten: Tighten the bolts to 9 N.m (80 lb in).

6. On the left side of the instrument panel.
   - Connect the wire looms securing the wiring harnesses to the left side of the instrument panel.
   - Install the body wiring harness junction block into its bracket.
   - Connect the ground wires to the upper left cowl panel.

     Tighten: Tighten the nut to 9 N.m (80 lb in).

   - Connect the electrical connections to the instrument panel left electrical center.
7. On the right side of the instrument panel.

- Connect the wire looms securing the wiring harnesses to the right side of the instrument panel.
- Connect the radio antennas.
- Connect the electrical connection for the instrument panel inflatable restraint module.
- Connect the electrical connections to the instrument panel right electrical center.

8. Install the instrument panel center support bracket. Refer to **Instrument Panel Center Support Bracket Replacement**.
9. Install the right and left body hinge pillar trim panel. Refer to **Body Hinge Pillar Trim Panel Replacement** .
10. Remove the instrument panel upper trim panel with windshield defroster nozzle grille. Refer to **Instrument Panel Upper Trim Panel with Windshield Defroster Nozzle Grille Replacement (without RPO SLT)** or **Instrument Panel Upper Trim Panel with Windshield Defroster Nozzle Grille Replacement (with RPO SLT)**.
11. Install the windshield pillar garnish moldings. Refer to **Windshield Pillar Garnish Molding Replacement** .
12. Install the instrument panel outer trim covers. Refer to **Instrument Panel Outer Trim Cover Replacement (without RPO SLT)** or **Instrument Panel Outer Trim Cover Replacement (with RPO SLT)**.
13. Install the transmission control lever knob, if equipped with a manual transmission. Refer to **Transmission Control Lever Knob Replacement** or **Transmission Control Lever Knob Replacement** .
14. Install the front floor console. Refer to **Front Floor Console Replacement (with RPO SLT)** or **Front Floor Console Replacement (without RPO SLT)**.

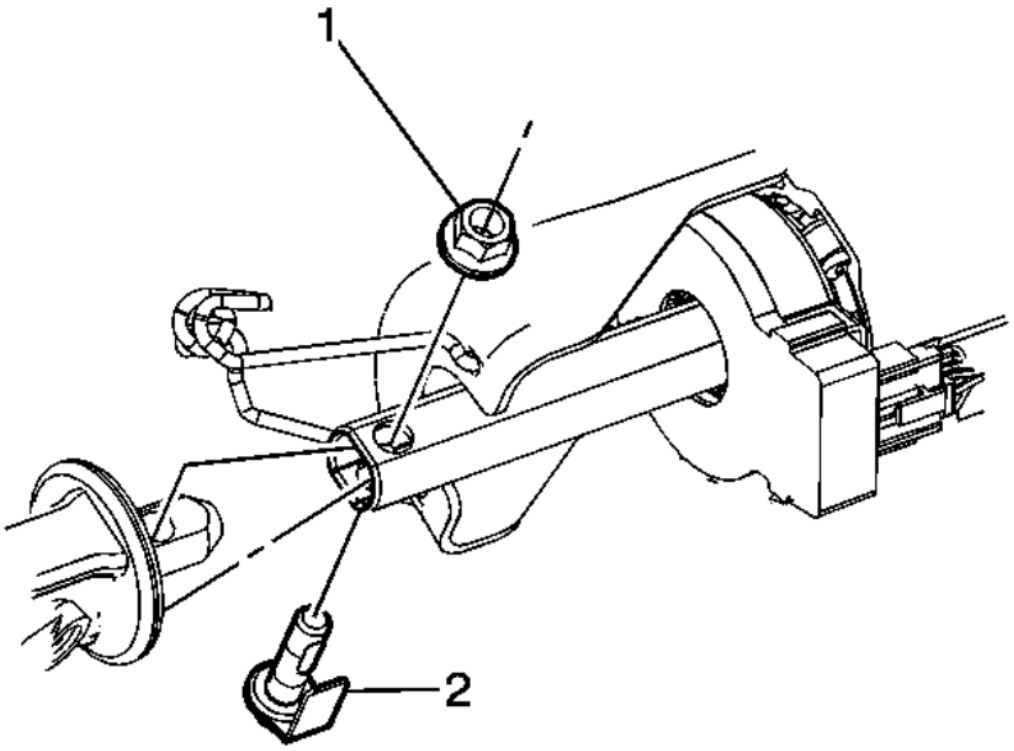


Fig. 53: View Of Upper Intermediate Shaft Pinch Bolt, Nut & Steering Column
Courtesy of GENERAL MOTORS CORP.

15. Install the steering shaft coupling nut (1) and bolt (2) at the steering column.

    Tighten: Tighten the nut and bolt to 50 N.m (37 lb ft).

16. Connect the negative battery cable. Refer to **Battery Negative Cable Disconnection and Connection (w/Single Battery)** or **Battery Negative Cable Disconnection and Connection (w/Auxiliary Battery)** or **Battery Negative Cable Disconnection and Connection (w/Dual Batteries)** .

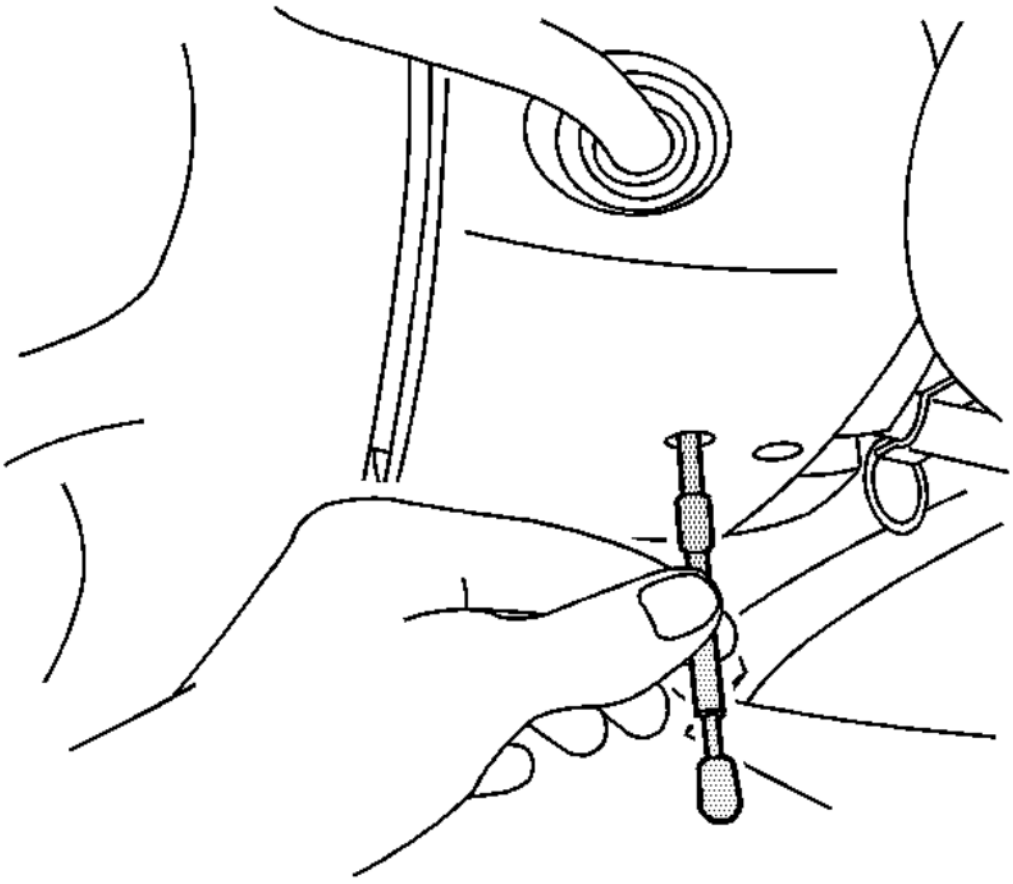


Fig. 54: Identifying J 42640
Courtesy of GENERAL MOTORS CORP.

17. Remove the anti-rotation pin J 42640 from the steering column.

INSTRUMENT PANEL SERVICE POSITIONING (WITH SLT)

Special Tools

J 42640 Steering Column Anti-Rotation Pin. See **Special Tools**.

Removal Procedure

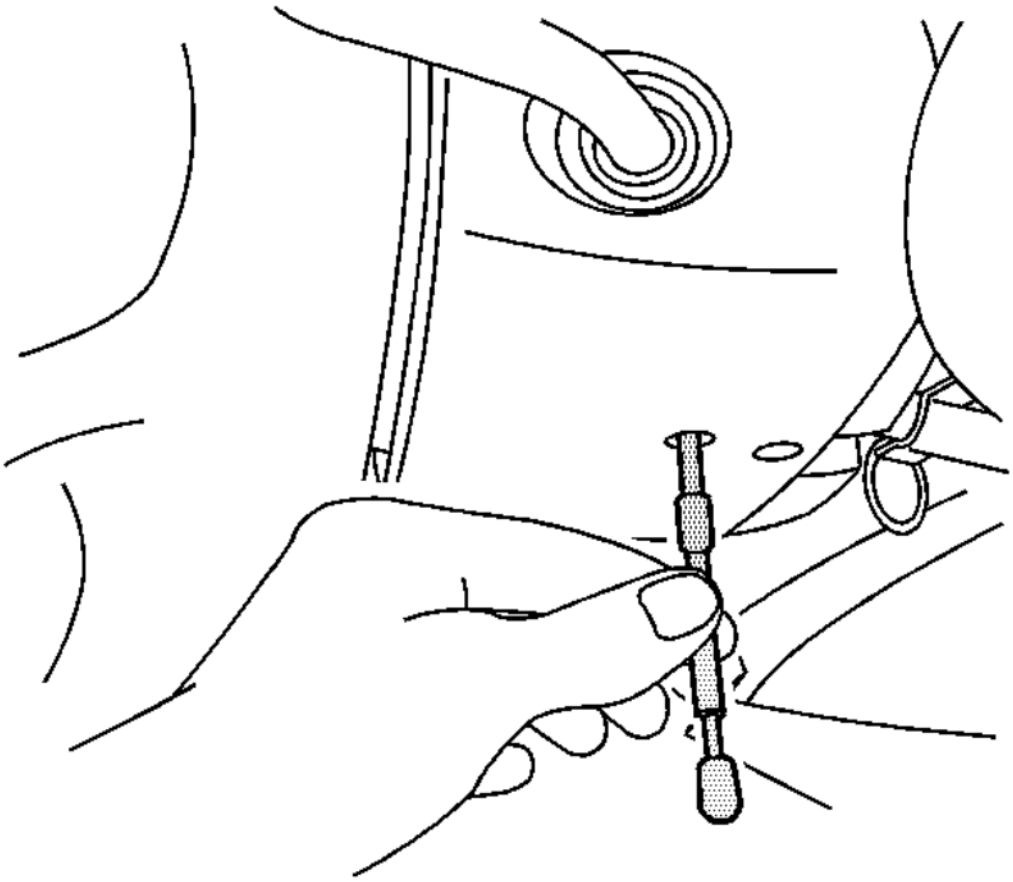


Fig. 55: Identifying J 42640
Courtesy of GENERAL MOTORS CORP.

NOTE: Secure the steering wheel utilizing a strap to prevent rotation. Locking of the steering column will prevent damage and a possible malfunction of the SIR system. The steering wheel must be secured in position before disconnecting the following components:

- **The steering column**
- **The intermediate shaft**
- **The steering gear**

After disconnecting these components, do not move the front tires and wheels. Failure to follow these procedures may cause improper alignment of some components during installation and result in possible damage to the SIR coil.

1. Lock the steering column through the access hole in the steering column shroud using anti-rotation pin J 42640.

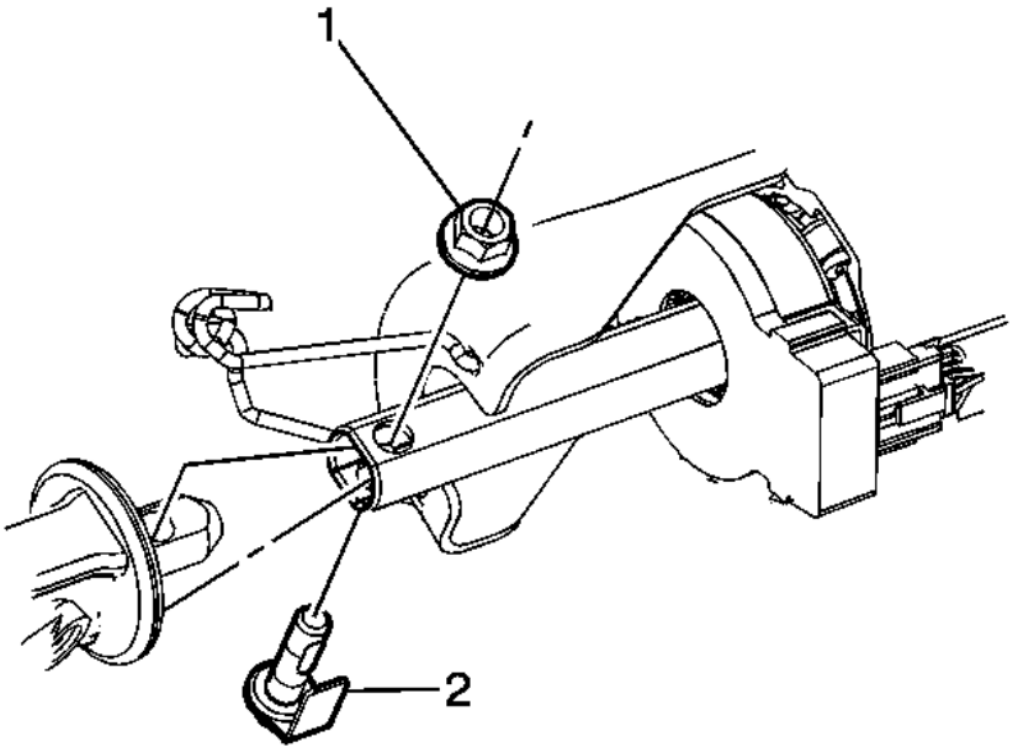


Fig. 56: View Of Upper Intermediate Shaft Pinch Bolt, Nut & Steering Column
Courtesy of GENERAL MOTORS CORP.

2. Remove the steering shaft coupling nut (1) and bolt (2) at the steering column.
3. Remove the front seats. Refer to **Front Seat Replacement - Bucket** .
4. Disconnect the negative battery cable. Refer to **Battery Negative Cable Disconnection and Connection (w/Single Battery)** or **Battery Negative Cable Disconnection and**

Connection (w/Auxiliary Battery) or **Battery Negative Cable Disconnection and Connection (w/Dual Batteries)** .

5. Remove the front floor console. Refer to **Front Floor Console Replacement (with RPO SLT)** or **Front Floor Console Replacement (without RPO SLT)**.
6. Remove the instrument panel outer trim covers. Refer to **Instrument Panel Outer Trim Cover Replacement (without RPO SLT)** or **Instrument Panel Outer Trim Cover Replacement (with RPO SLT)**.
7. Remove the windshield pillar garnish moldings. Refer to **Windshield Pillar Garnish Molding Replacement** .
8. Remove the instrument panel upper trim panel with windshield defroster nozzle grille. Refer to **Instrument Panel Upper Trim Panel with Windshield Defroster Nozzle Grille Replacement (without RPO SLT)** or **Instrument Panel Upper Trim Panel with Windshield Defroster Nozzle Grille Replacement (with RPO SLT)**.
9. Tape the ambient light sensor to the instrument panel upper trim panel to ensure it does not fall behind the instrument panel assembly during reinstallation.
10. Remove the right and left body hinge pillar trim panel. Refer to **Body Hinge Pillar Trim Panel Replacement** .
11. Remove the instrument panel center support bracket. Refer to **Instrument Panel Center Support Bracket Replacement**.
12. Note location and routing of the instrument panel wiring harness prior to removal in order to ensure proper installation.
13. On the right side of the instrument panel.
    - Disconnect the electrical connections to the instrument panel right electrical center.
    - Disconnect the electrical connection for the instrument panel inflatable restraint module.
    - Disconnect the radio antennas.
    - Release the wire looms securing the wiring harnesses to the right side of the instrument panel.
14. On the left side of the instrument panel.
    - Disconnect the electrical connections to the instrument panel left electrical center.
    - Disconnect the ground wires from the upper left cowl panel.
    - Remove the body wiring harness junction block from its bracket to allow movement in the body harness.
    - Release the wire looms securing the wiring harnesses to the left side of the instrument panel.

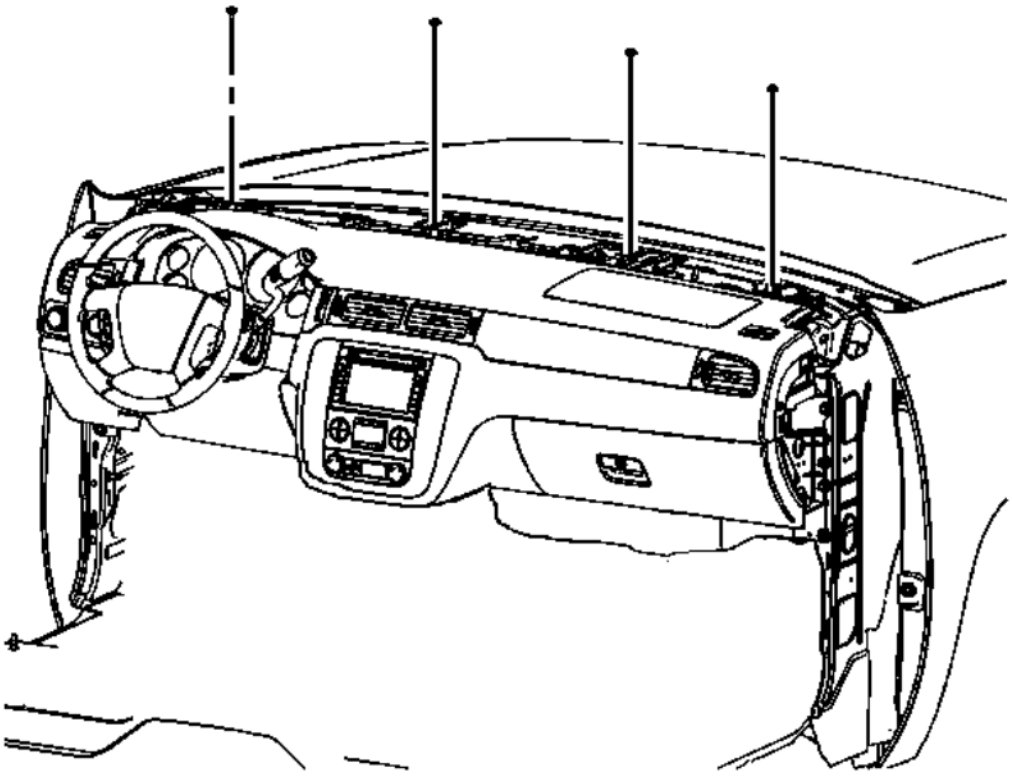


Fig. 57: View Of Bolts Securing Instrument Panel Upper Trim Panel To Cowl
Courtesy of GENERAL MOTORS CORP.

15. Remove the (4) bolts (1) securing the instrument panel upper trim panel to the cowl.

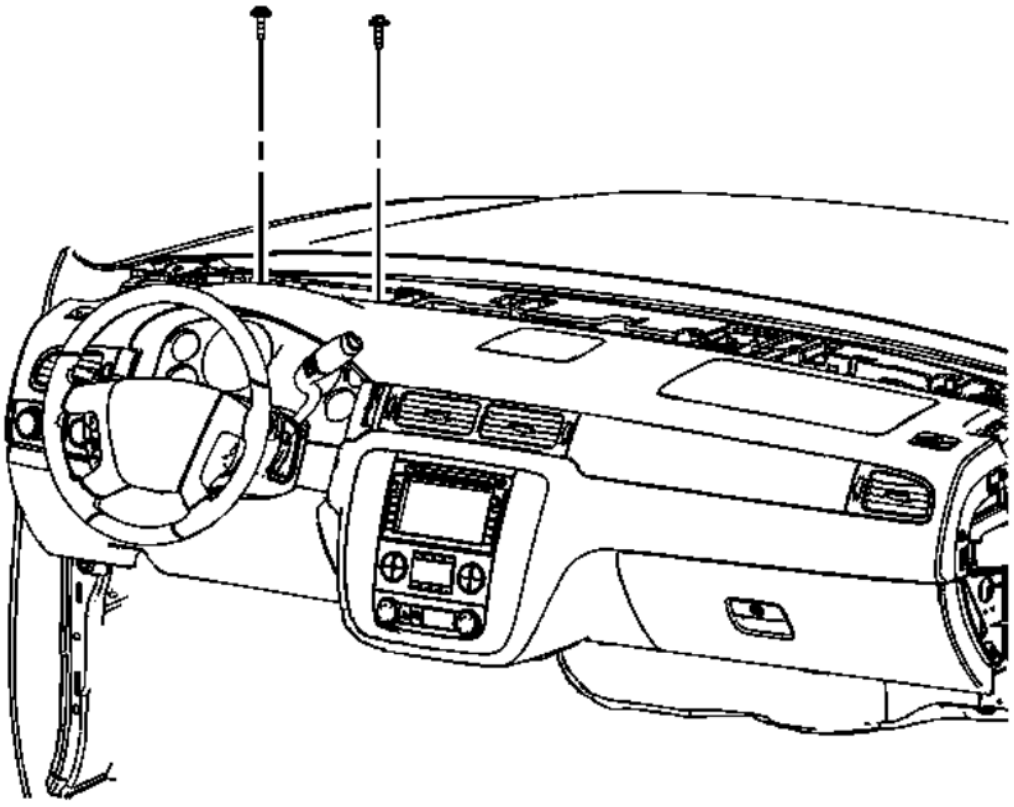


Fig. 58: View Of Bolts Securing Instrument Carrier Support To Cowl
Courtesy of GENERAL MOTORS CORP.

16. Remove the (2) bolts (1) securing the instrument carrier support to the cowl.

    These bolts are located down inside the instrument panel and can be seen through the windshield.

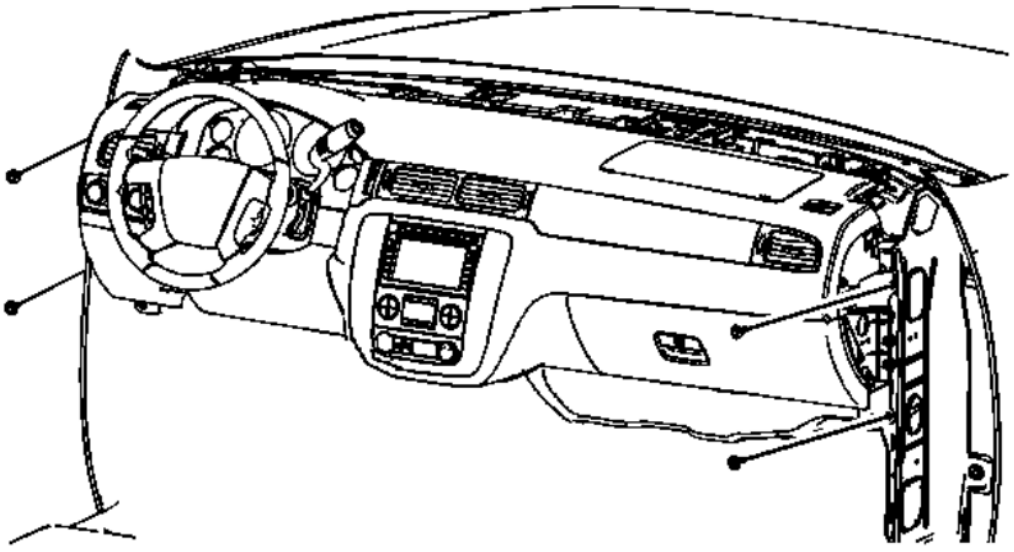


Fig. 59: View Of Bolts Holding Instrument Panel Assembly To Vehicle
Courtesy of GENERAL MOTORS CORP.

17. Remove the (4) bolts (1) releasing the instrument panel assembly from the vehicle.

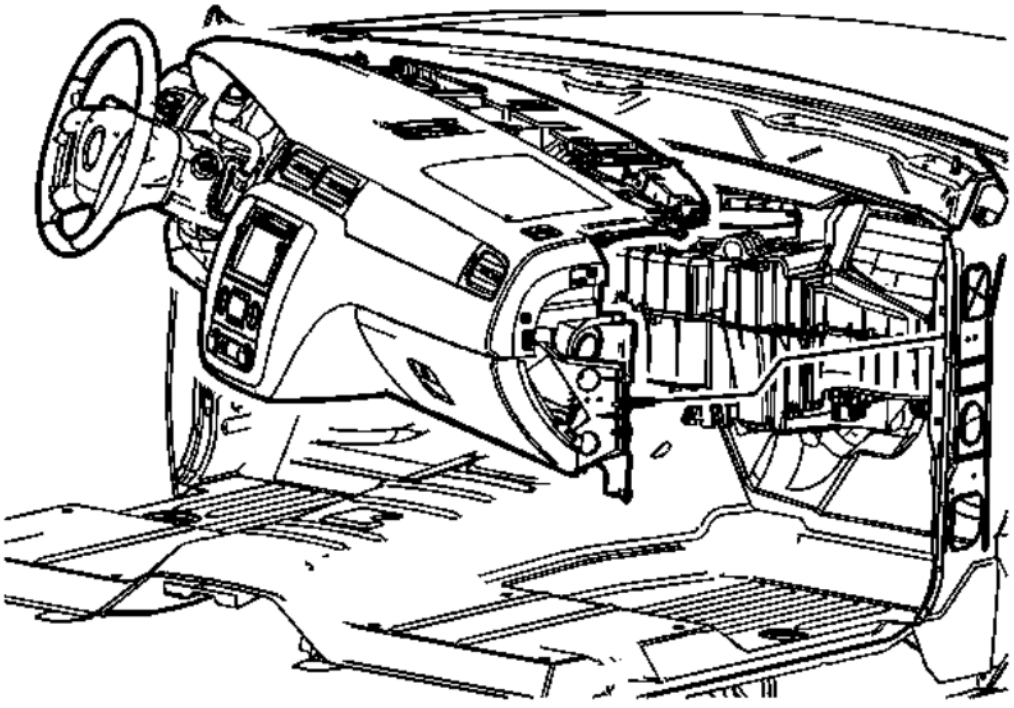


Fig. 60: Removing/Installing Instrument Panel Assembly
Courtesy of GENERAL MOTORS CORP.

18. With the aid of an assistant pull the instrument panel assembly (1) rearward in the vehicle until the locator pin on each side clears the opening.
19. The person on the right side of the instrument panel should pivot the instrument panel inward toward the center of the vehicle until enough clearance is gained to access the HVAC module.
20. Set the instrument panel assembly down and adequately support it in order to prevent any damage.

Installation Procedure

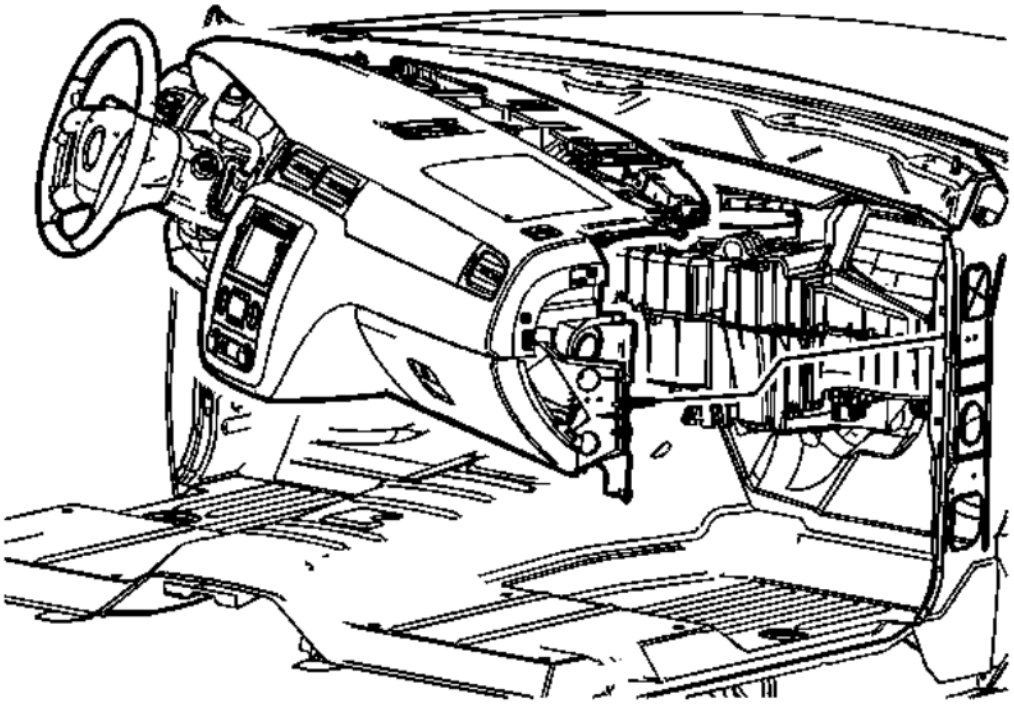


Fig. 61: Removing/Installing Instrument Panel Assembly
Courtesy of GENERAL MOTORS CORP.

1. With the aid of an assistant.
    - Lift the instrument panel assembly (1) up and align the locator pins to the openings in the hinge pillars.
    - Push the instrument panel forward until the instrument panel is in vehicle position.

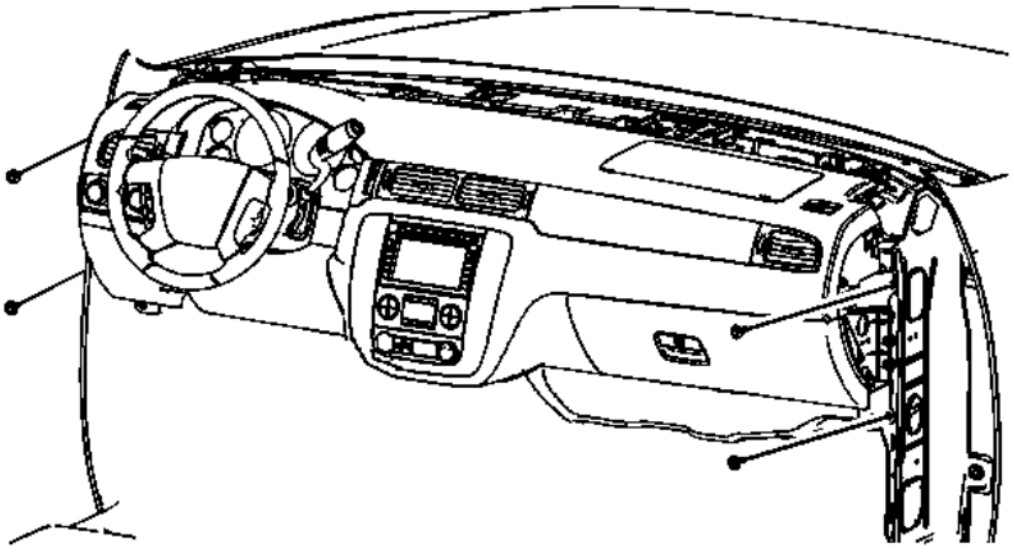


Fig. 62: View Of Bolts Holding Instrument Panel Assembly To Vehicle
Courtesy of GENERAL MOTORS CORP.

2. Loosely install the (4) bolts (1) on the outer ends of the instrument panel.

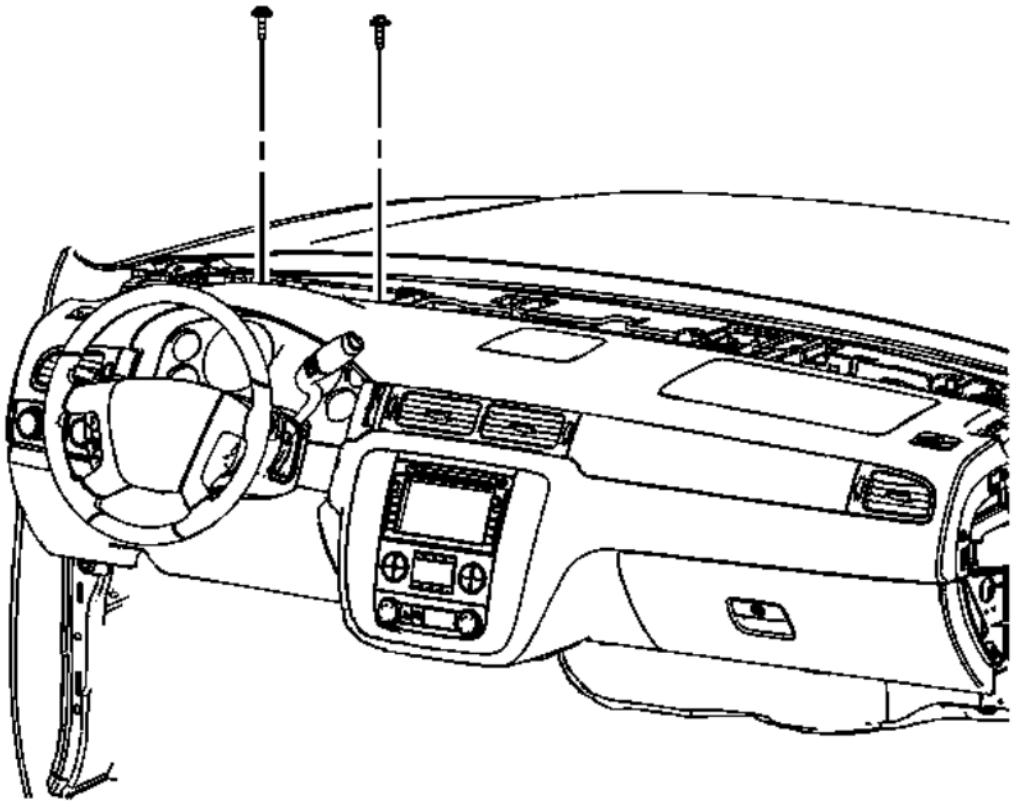


Fig. 63: View Of Bolts Securing Instrument Carrier Support To Cowl
Courtesy of GENERAL MOTORS CORP.

3. Loosely install the (2) bolts (1) securing the instrument panel carrier support to the cowl.

NOTE: **Refer to Fastener Notice .**

4. Tighten the (6) bolts securing the instrument panel to the vehicle.

Tighten: Tighten the bolts to 22 N.m (16 lb ft).

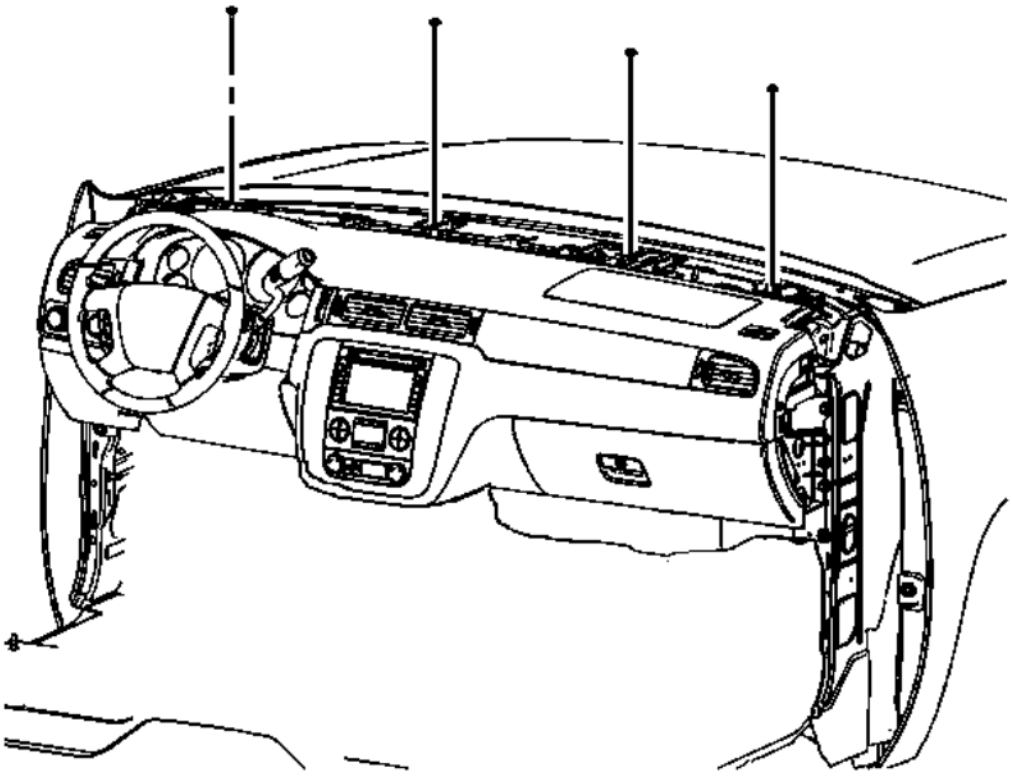


Fig. 64: View Of Bolts Securing Instrument Panel Upper Trim Panel To Cowl
Courtesy of GENERAL MOTORS CORP.

5. Install the (4) bolts (1) securing the instrument panel upper trim panel to the cowl.

   Tighten: Tighten the bolts to 9 N.m (80 lb in).

6. On the left side of the instrument panel.
   - Connect the wire looms securing the wiring harnesses to the left side of the instrument panel.
   - Install the body wiring harness junction block into its bracket.
   - Connect the ground wires to the upper left cowl panel.

     Tighten: Tighten the nut to 9 N.m (80 lb in).

   - Connect the electrical connections to the instrument panel left electrical center.

7. On the right side of the instrument panel.
   - Connect the wire looms securing the wiring harnesses to the right side of the instrument panel.
   - Connect the radio antennas.
   - Connect the electrical connection for the instrument panel inflatable restraint module.
   - Connect the electrical connections to the instrument panel right electrical center.
8. Install the instrument panel center support bracket. Refer to **Instrument Panel Center Support Bracket Replacement**.
9. Install the right and left body hinge pillar trim panel. Refer to **Body Hinge Pillar Trim Panel Replacement** .
10. Remove the instrument panel upper trim panel with windshield defroster nozzle grille. Refer to **Instrument Panel Upper Trim Panel with Windshield Defroster Nozzle Grille Replacement (without RPO SLT)** or **Instrument Panel Upper Trim Panel with Windshield Defroster Nozzle Grille Replacement (with RPO SLT)**.
11. Install the windshield pillar garnish moldings. Refer to **Windshield Pillar Garnish Molding Replacement** .
12. Install the instrument panel outer trim covers. Refer to **Instrument Panel Outer Trim Cover Replacement (without RPO SLT)** or **Instrument Panel Outer Trim Cover Replacement (with RPO SLT)**.
13. Install the front floor console. Refer to **Front Floor Console Replacement (with RPO SLT)** or **Front Floor Console Replacement (without RPO SLT)**.
14. Connect the negative battery cable. Refer to **Battery Negative Cable Disconnection and Connection (w/Single Battery)** or **Battery Negative Cable Disconnection and Connection (w/Auxiliary Battery)** or **Battery Negative Cable Disconnection and Connection (w/Dual Batteries)** .
15. Install the front seats. Refer to **Front Seat Replacement - Bucket** .

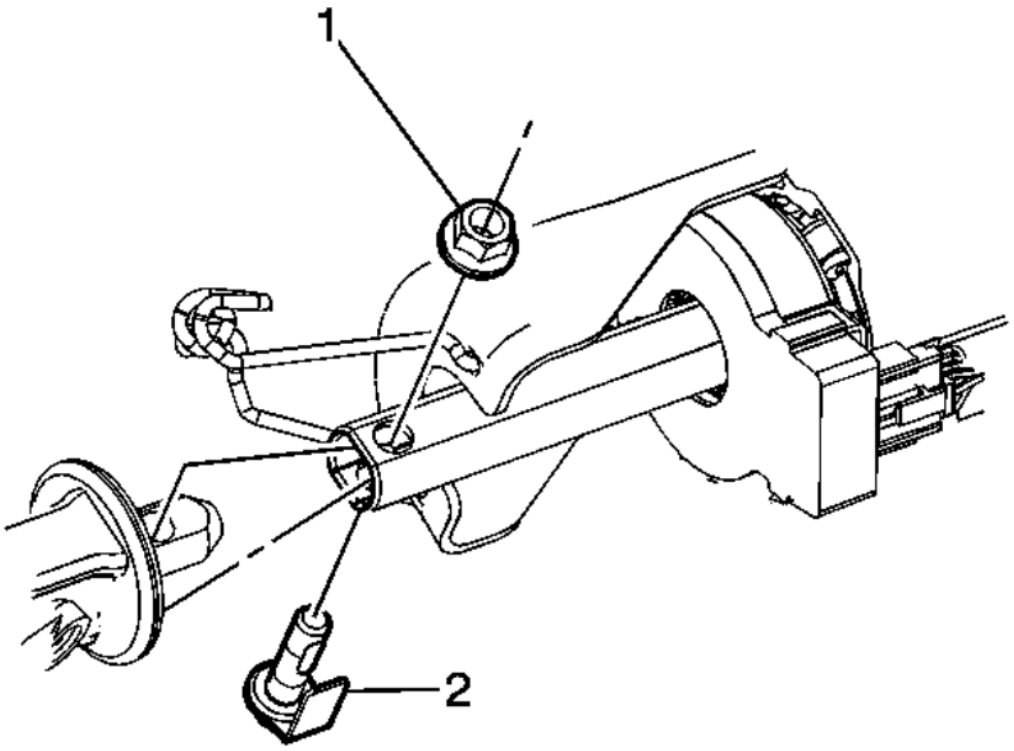


Fig. 65: View Of Upper Intermediate Shaft Pinch Bolt, Nut & Steering Column
Courtesy of GENERAL MOTORS CORP.

16. Install the steering shaft coupling nut (1) and bolt (2) at the steering column.

    Tighten: Tighten the nut and bolt to 50 N.m (37 lb ft).

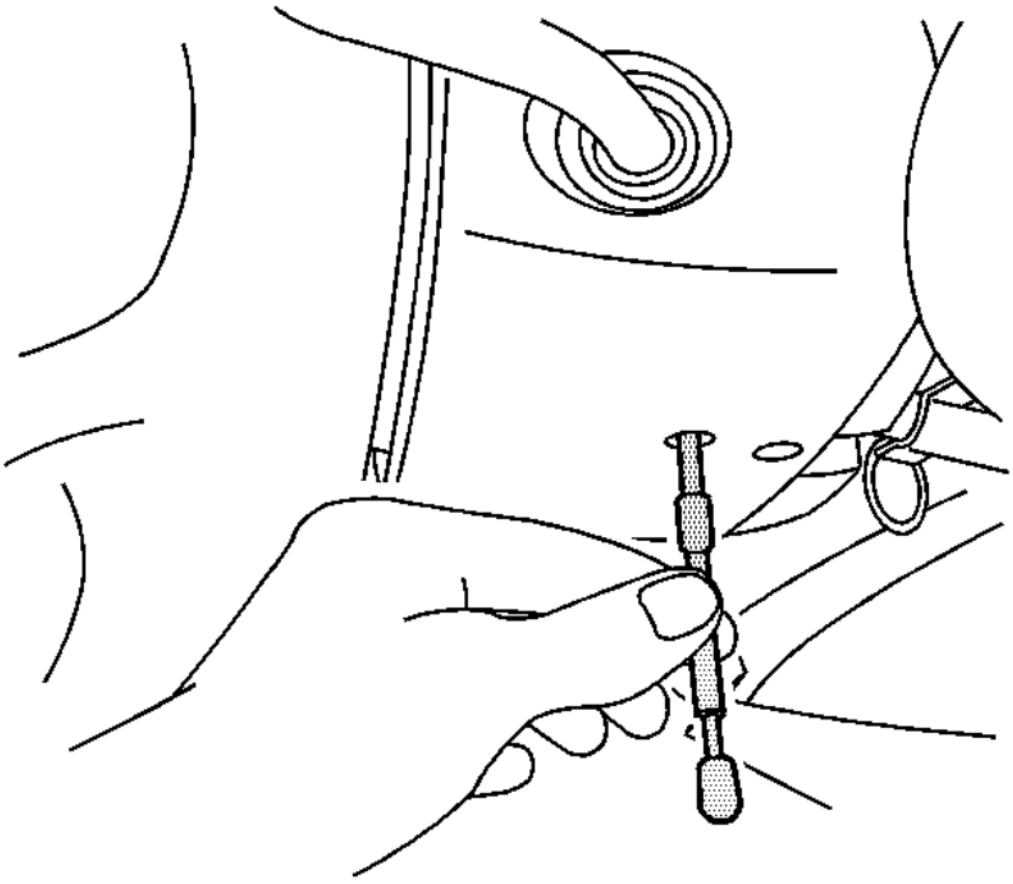


Fig. 66: Identifying J 42640
Courtesy of GENERAL MOTORS CORP.

17. Remove the anti-rotation pin J 42640 from the steering column.

INSTRUMENT PANEL CARRIER REPLACEMENT

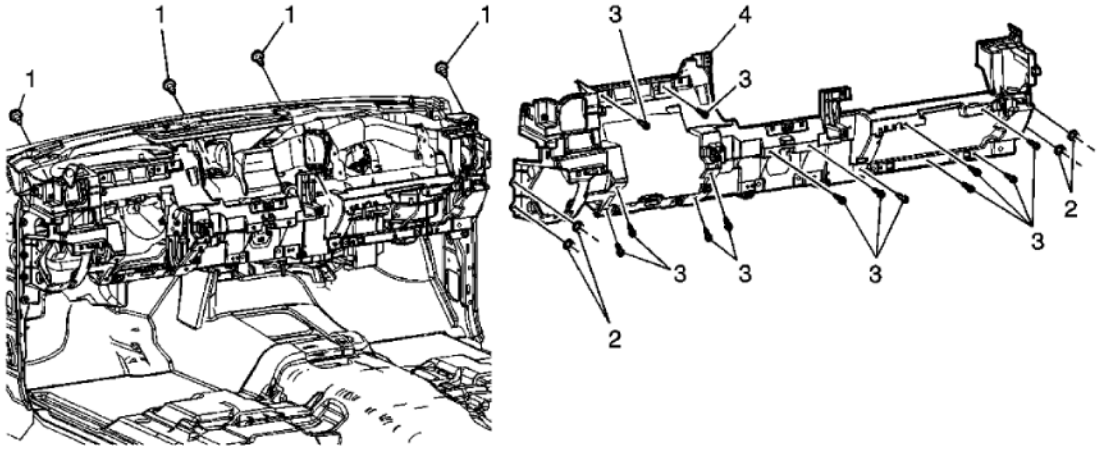


Fig. 67: View Of Instrument Panel Carrier Assembly & Components
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: Remove the instrument Panel Compartment Assembly. Refer to **Instrument Panel Compartment Door Assembly Replacement (with RPO SLT)**.	
1	Instrument Panel Carrier to HVAC Screw (Qty: 4) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 2 N.m (18 lb in)
2	Instrument Panel Carrier to Body Nut (Qty: 4) **Tighten:** 9 N.m (80 lb in)
3	Instrument Panel Carrier Bolt (Qty: 7) **Tighten:** 2.5 N.m (22 lb in)
4	Instrument Panel Carrier Assembly **Procedure** 1. Note location and routing of the instrument panel wiring harness prior to removal of the instrument panel carrier assembly to ensure proper reinstallation. 2. Disconnect the wiring harness from the instrument panel carrier assembly.

3. With the aid of an assistant, remove the instrument panel carrier assembly from the vehicle.
4. If replacing the instrument panel carrier assembly, transfer all necessary components.

INSTRUMENT PANEL CARRIER SUPPORT REPLACEMENT (WITH RPO SLT)

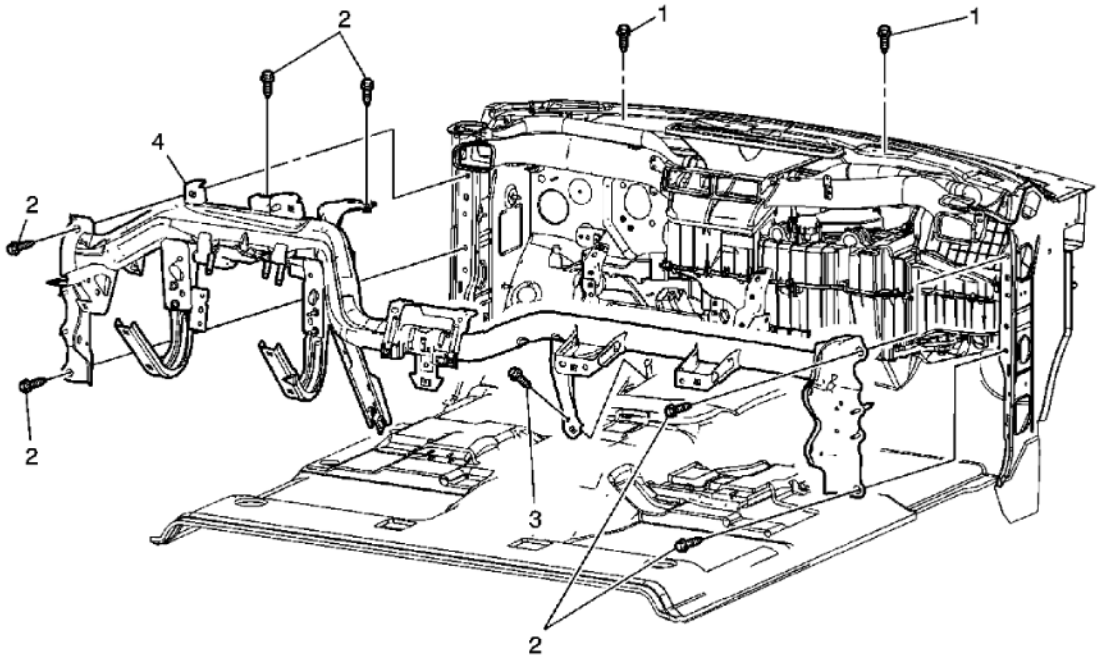


Fig. 68: View Of Instrument Panel Carrier Support Assembly & Bolts
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name

Preliminary Procedure

1. Remove the instrument panel carrier assembly. Refer to **Instrument Panel Carrier Replacement**.
2. Remove the body control module bracket. Refer to **Body Control Module Bracket Replacement** .
3. Remove the communication interface module, if equipped. Refer to **Communication Interface Module Replacement (without RPO SLT)** or **Communication Interface Module Replacement (with RPO SLT)** .
4. Remove the digital radio receiver, if equipped. Refer to **Digital Radio Receiver**

Replacement .	
1	Instrument Panel Carrier to HVAC Duct Screws (Qty 2) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 2 N.m (18 lb in)
2	Instrument Panel Carrier Support Assembly Bolt (Qty: 1) **Tighten:** 9 N.m (80 lb in)
3	Instrument Panel Carrier Support Assembly Bolts (Qty: 4) **Tighten:** 22 N.m (16 lb ft)
4	Instrument Panel Carrier Support Assembly **Procedure** 1. Note location and routing of the instrument panel wiring harness prior to removal of the instrument panel carrier support assembly to ensure proper reinstallation. 2. Disconnect the wiring harness from the instrument panel carrier support assembly. 3. With the aid of an assistant, remove the instrument panel carrier support assembly from the vehicle. 4. If replacing the instrument panel carrier support assembly, transfer all necessary components.

INSTRUMENT PANEL CARRIER SUPPORT REPLACEMENT (WITHOUT RPO SLT)

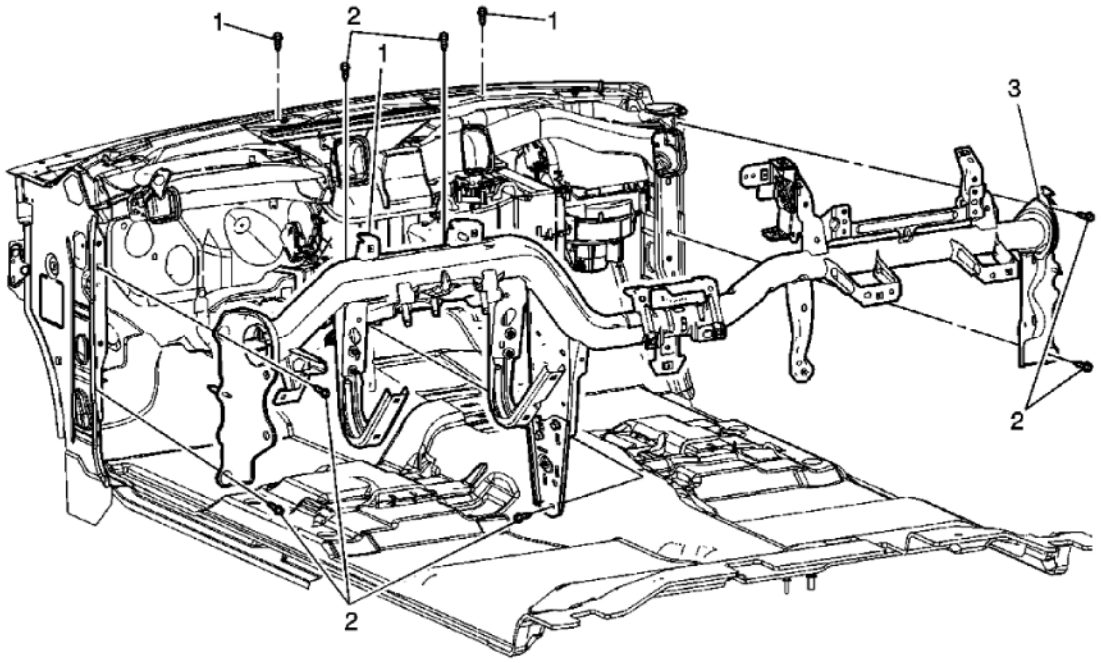


Fig. 69: View Of Instrument Panel Carrier Support Assembly & Bolts
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedures 1. Remove the instrument panel lower trim panel assembly. Refer to **Instrument Panel Lower Trim Panel Replacement**. 2. Remove the body control module bracket. Refer to **Body Control Module Bracket Replacement** .	
1	Instrument Panel Carrier to HVAC Duct Screws (Qty 2) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 2 N.m (18 lb in)
2	Instrument Panel Carrier Support Bolt (Qty: 7) **Tighten:** 22 N.m (16 lb ft)
	Instrument Panel Carrier Support Assembly **Procedure**

3	1. Note location and routing of the instrument panel wiring harness prior to removal of the instrument panel carrier support assembly to ensure proper reinstallation. 2. Disconnect the wiring harness from the instrument panel carrier support assembly. 3. With the aid of an assistant, remove the instrument panel carrier support assembly from the vehicle. 4. If replacing the instrument panel carrier support assembly, transfer all necessary components.

FRONT FLOOR CONSOLE COMPARTMENT BEZEL REPLACEMENT

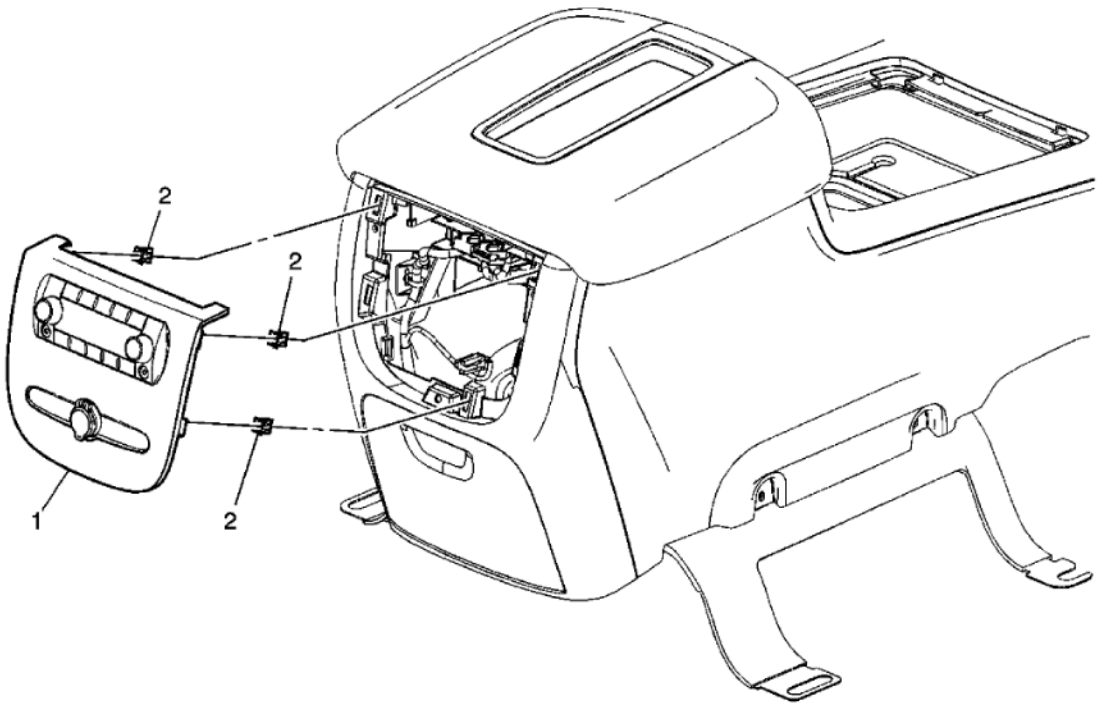


Fig. 70: View Of Front Floor Console Compartment Bezel Assembly & Clips
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Front Floor Console Compartment Bezel Assembly **Tip:** 1. Disconnect the electrical connections.

	2. If replacing the front floor console compartment bezel, transfer all necessary components.
2	Retainer Clips (Qty: 4)

FRONT FLOOR CONSOLE COMPARTMENT DOOR LATCH REPLACEMENT (EXCEPT CADILLAC)

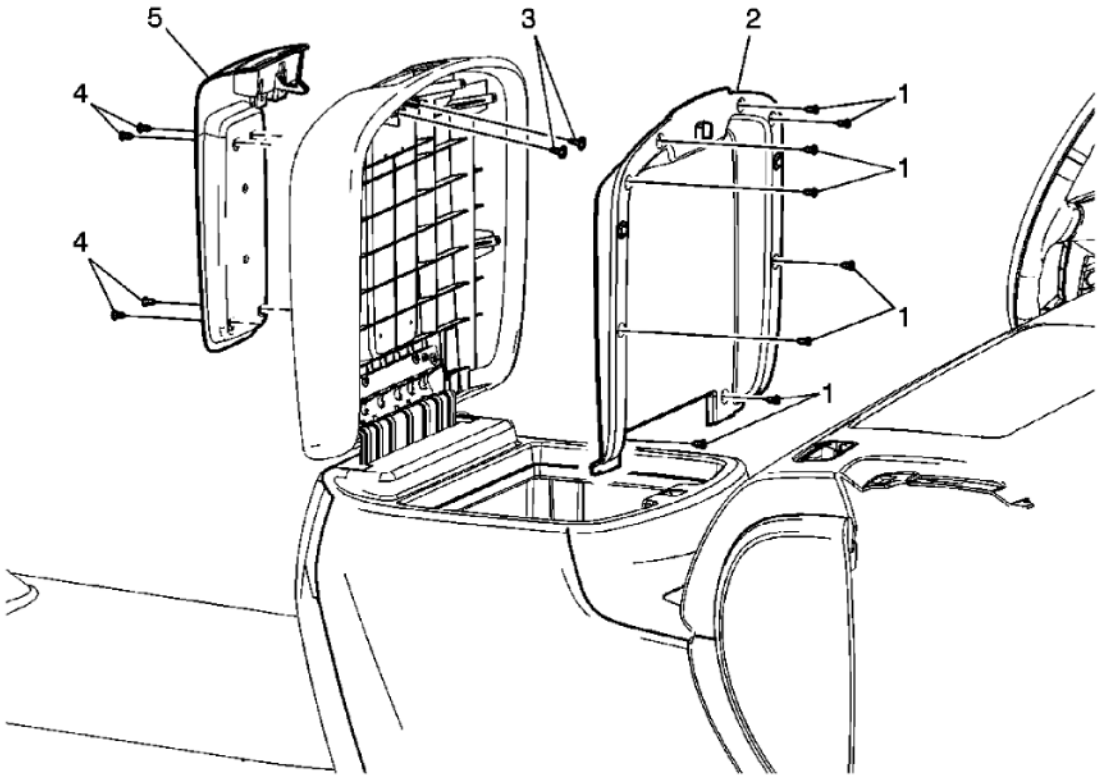


Fig. 71: View Of Front Floor Console Cover Latch Assembly & Components
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Front Floor Console Inner Cover Panel Screws (Qty: 8) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 2 N.m (18 lb in)
2	Front Floor Console Inner Panel
	Front Floor Console Latch Inner Screws (Qty: 2)

3	**Tighten:** 2 N.m (18 lb in)
4	Front Floor Console Latch Outer Screws (Qty: 2) **Tighten:** 2 N.m (18 lb in)
5	Front Floor Console Cover Latch Assembly

FRONT FLOOR CONSOLE CUP HOLDER REPLACEMENT

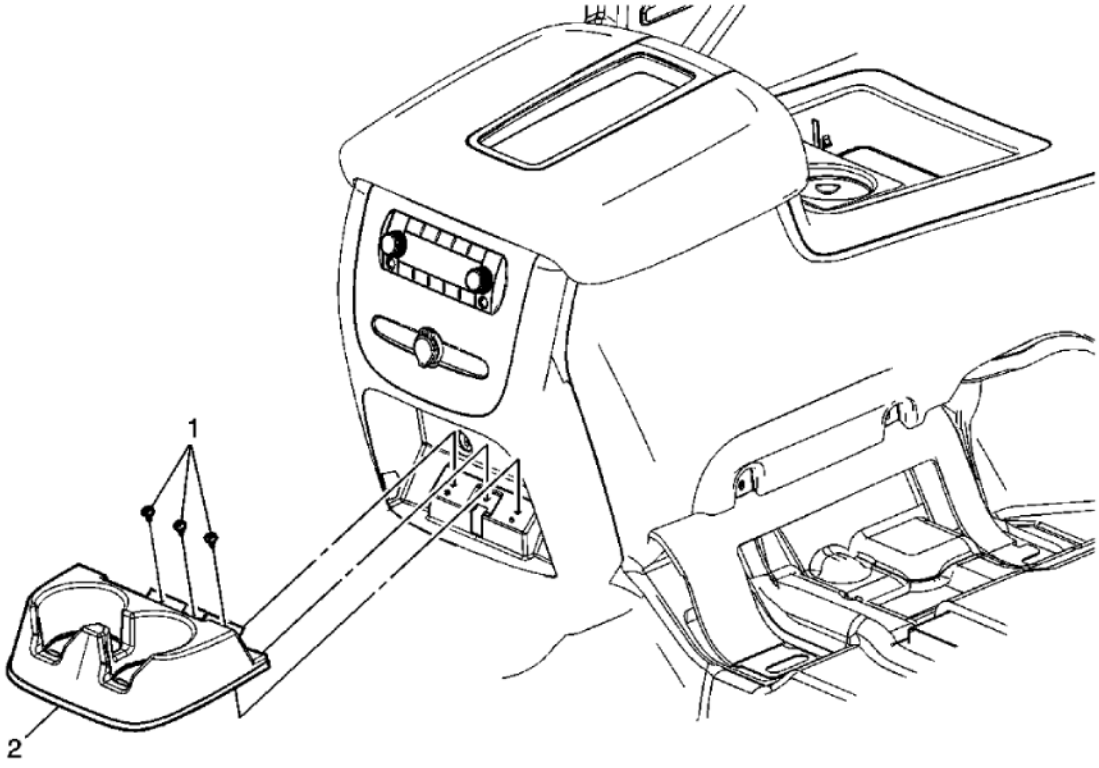


Fig. 72: View Of Front Floor Console Rear Cup Holder Assembly & Screws
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Front Floor Console Rear Cupholder Assembly Screws (Qty: 3) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 2 N.m (18 lb in)
2	Front Floor Console Rear Cupholder Assembly

FRONT FLOOR CONSOLE SIDE TRIM PANEL REPLACEMENT - RIGHT SIDE (WITH RPO SLT) SLT)

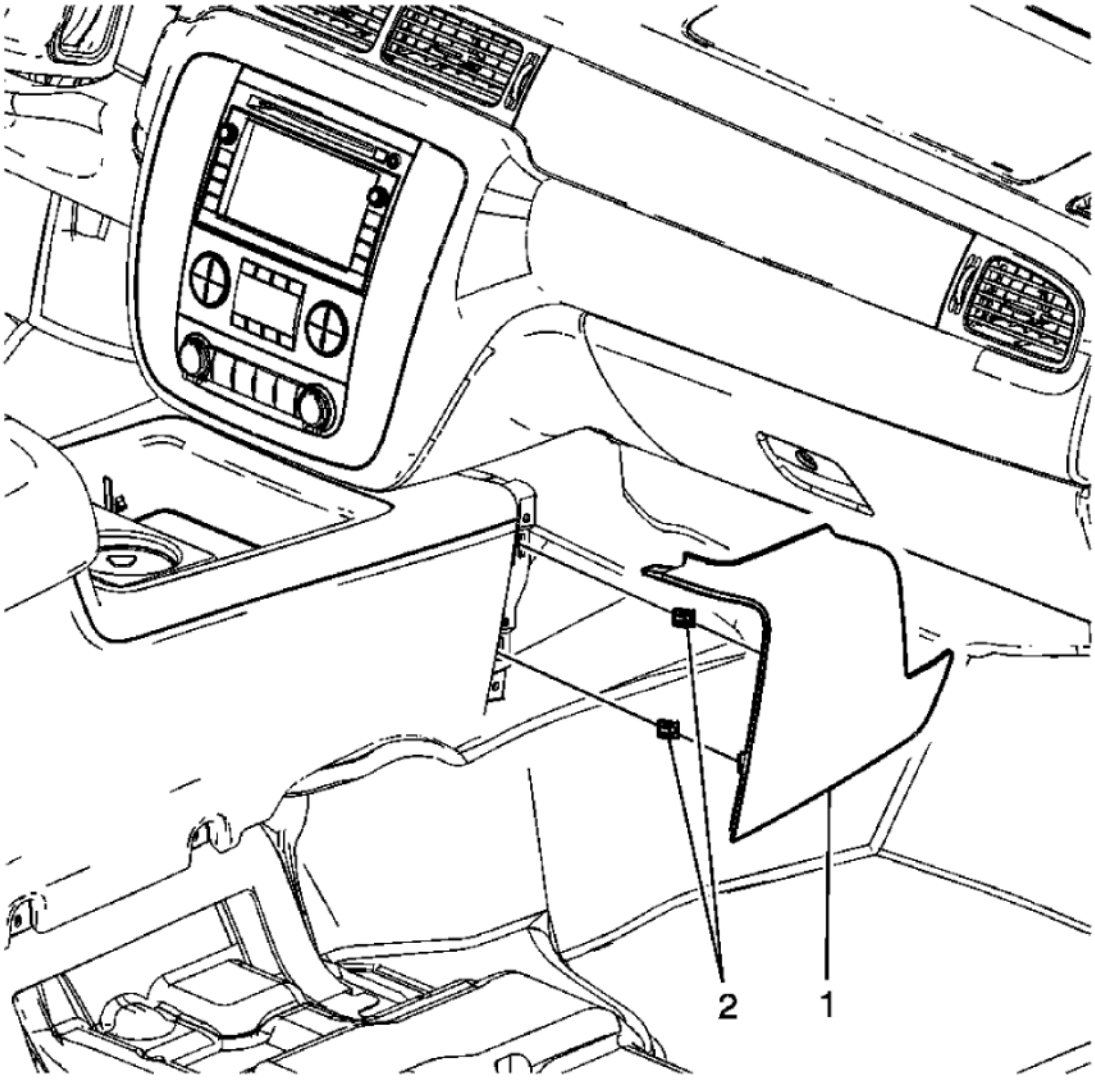


Fig. 73: View Of Console Side Trim Panel & Clips
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Console Side Trim Panel
2	Retainer Clips (Qty: 2)

FRONT FLOOR CONSOLE SIDE TRIM PANEL REPLACEMENT - LEFT SIDE (WITH RPO SLT) SLT)

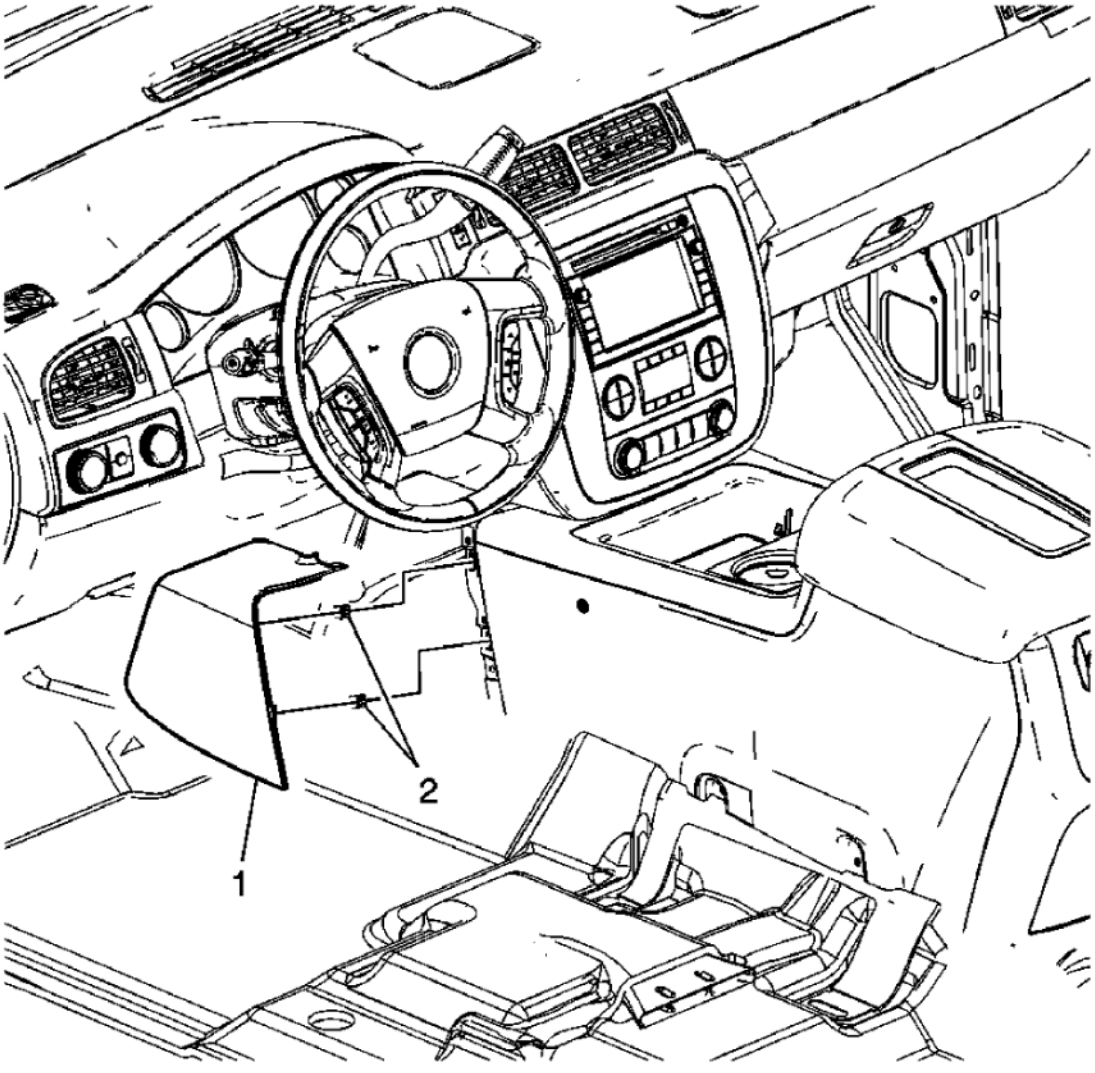


Fig. 74: View Of Console Side Trim Panel & Clips
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Console Side Trim Panel
2	Retainer Clips (Qty: 2)

FLOOR CONSOLE BEZEL REPLACEMENT

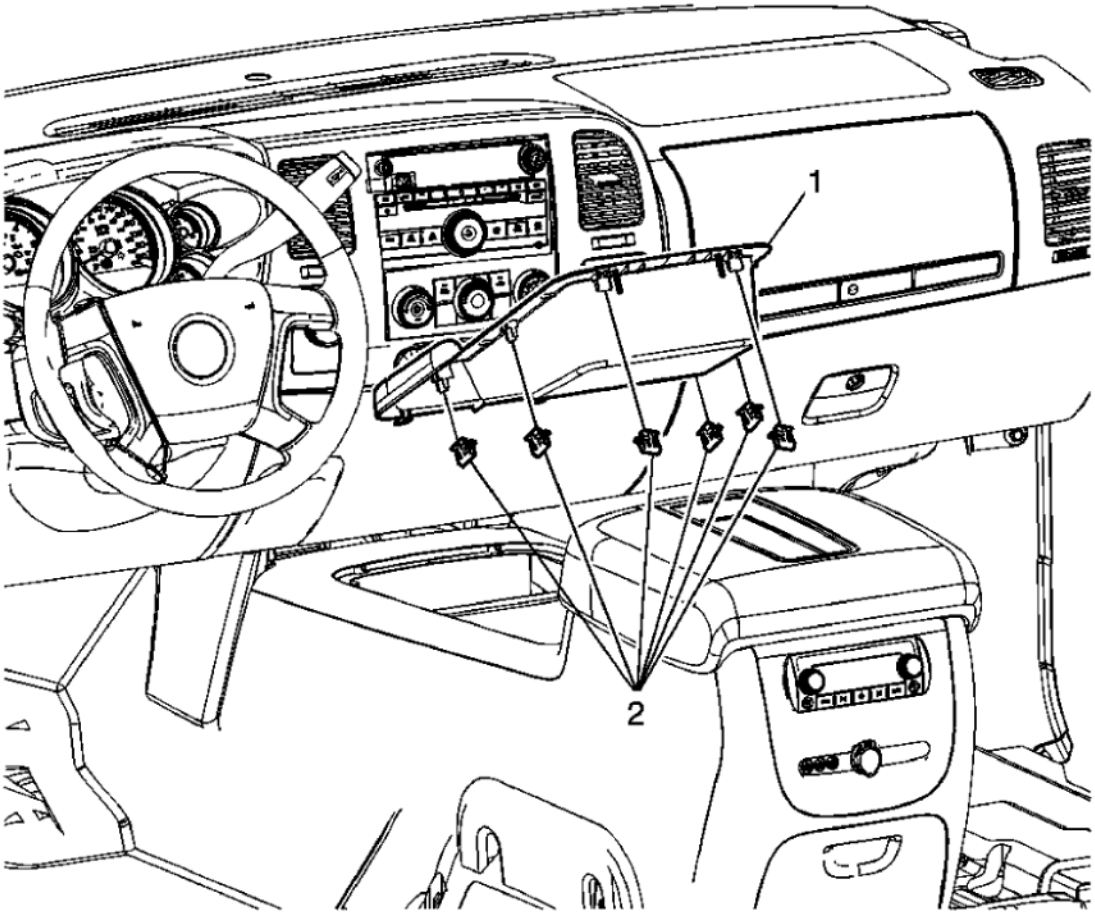


Fig. 75: View Of Floor Console Bezel Assembly & Clip
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Front Floor Console Bezel Assembly **Tip:** 1. Use a flat-bladed plastic trim tool to release the retainer clips along the rear edge of the bezel. 2. Lift the bezel out of the console assembly. 3. If replacing the front floor console bezel assembly, transfer all necessary components.
2	Retainer Clip (Qty: 4)

FRONT FLOOR CONSOLE COMPARTMENT REPLACEMENT (EXCEPT CADILLAC)

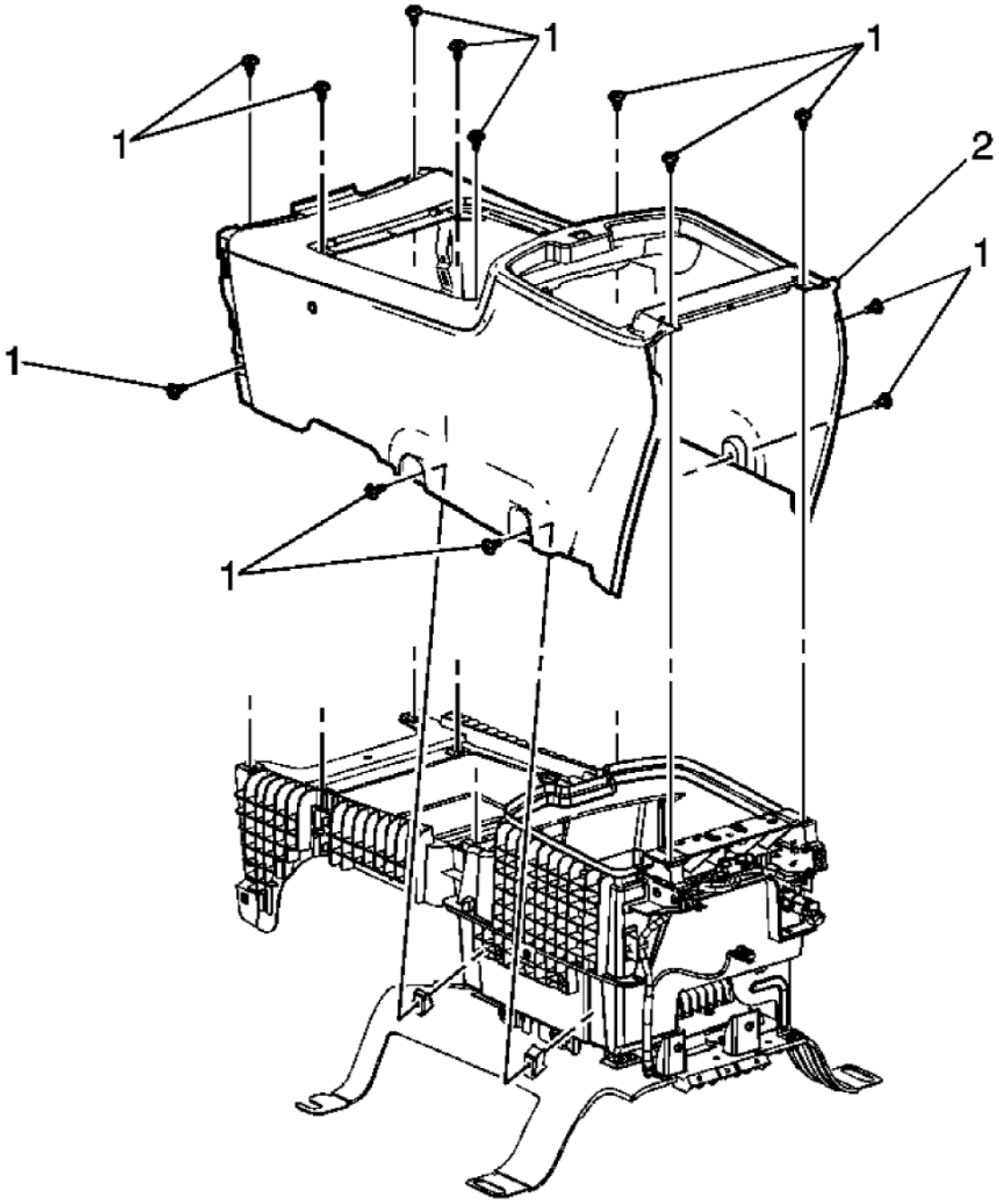


Fig. 76: View Of Front Floor Console Compartment Assembly & Screws
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
	Preliminary Procedures

	1. Remove the front floor console. Refer to **Front Floor Console Replacement (with RPO SLT)** or **Front Floor Console Replacement (without RPO SLT)**. 2. Remove the front floor console end panel. Refer to **Center Console End Panel Replacement**.
1	Front Floor Console Compartment Screws (Qty: 14) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 2 N.m (18 lb in)
2	Front Floor Console Compartment Assembly

FRONT FLOOR CONSOLE REPLACEMENT (WITH RPO SLT)

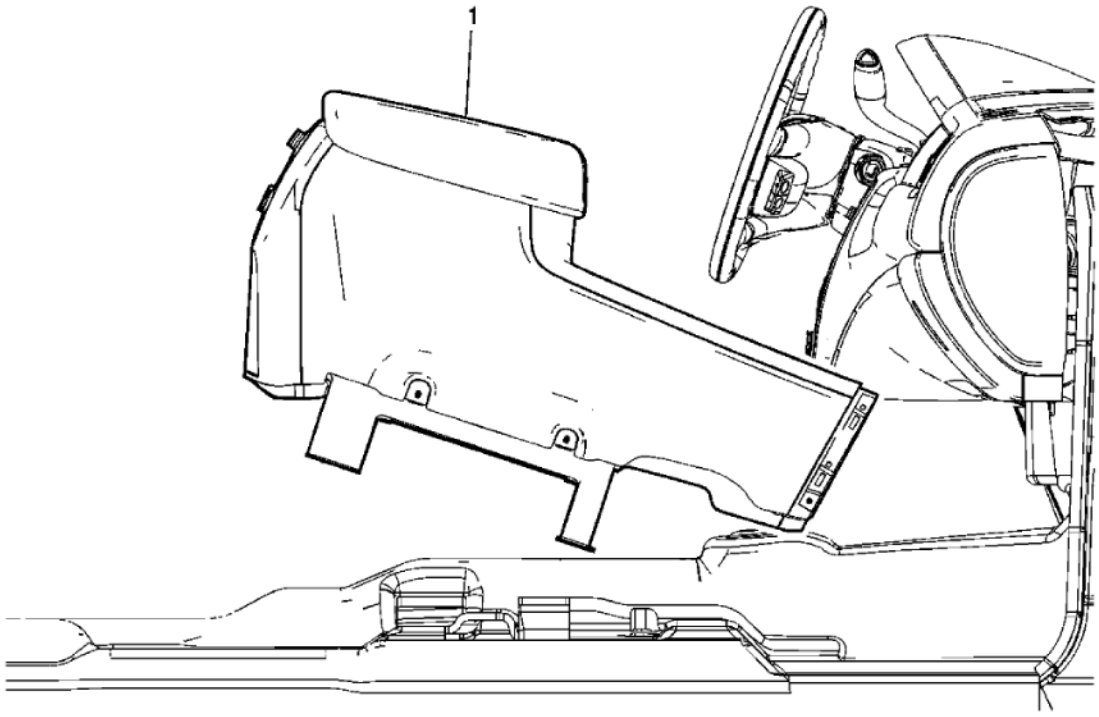


Fig. 77: View Of Front Floor Console Assembly
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedures	

	1. Remove the 2 front seats. Refer to **Front Seat Replacement - Bucket** . 2. Remove the right and left front floor console trim panels. Refer to **Front Floor Console Side Trim Panel Replacement - Right Side (with RPO SLT)** and **Front Floor Console Side Trim Panel Replacement - Left Side (with RPO SLT)**. 3. Remove the front floor console bezel. Refer to **Floor Console Bezel Replacement**. 4. Disconnect the electrical connectors to the console assembly.
1	Front Floor Console Assembly **Tip:** 1. With the aid of an assistant, remove the console from the vehicle. 2. When replacing the console assembly, transfer all the necessary components.

FRONT FLOOR CONSOLE REPLACEMENT (WITHOUT RPO SLT)

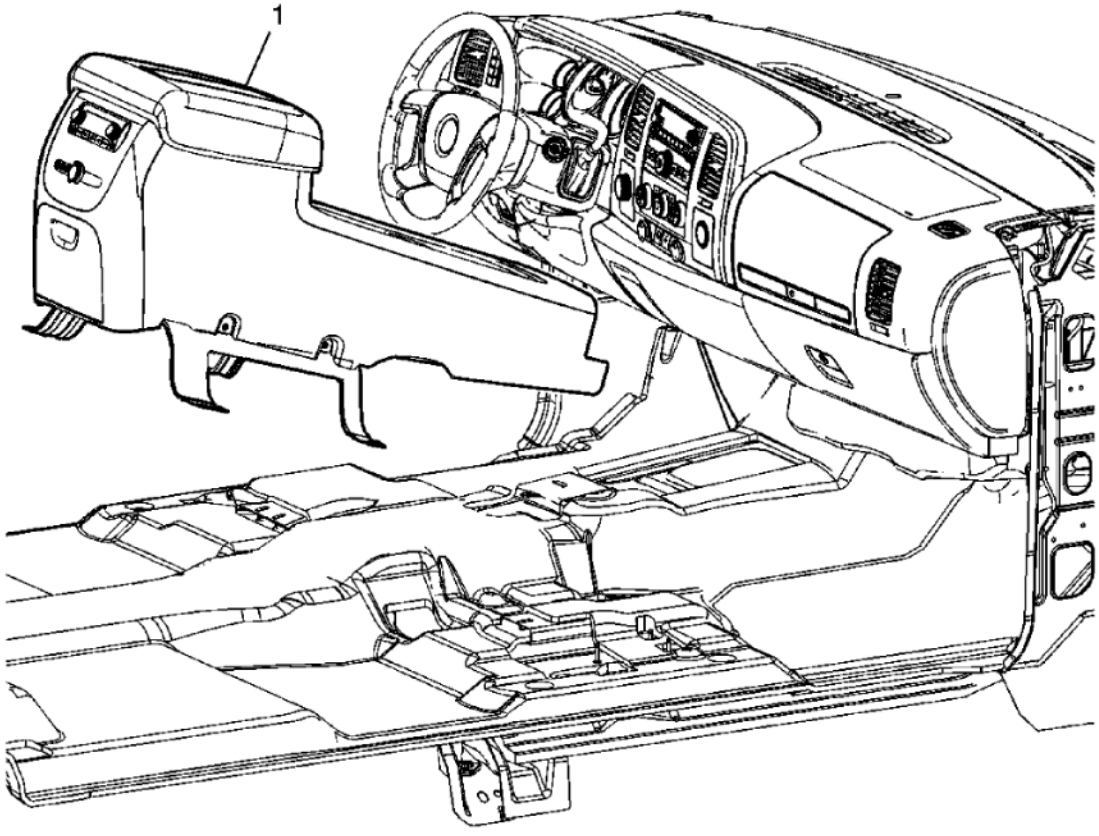


Fig. 78: View Of Front Floor Console Assembly
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedures 1. Remove the front seats. Refer to **Front Seat Replacement - Bucket** . 2. Remove the front floor console bezel. Refer to **Floor Console Bezel Replacement**. 3. Disconnect the electrical connectors to the console assembly.	
1	Front Floor Console Assembly **Tip:** 1. With the aid of an assistant, remove the console from the vehicle. 2. When replacing the console assembly, transfer all the necessary components.

FRONT FLOOR CONSOLE ARMREST REPLACEMENT

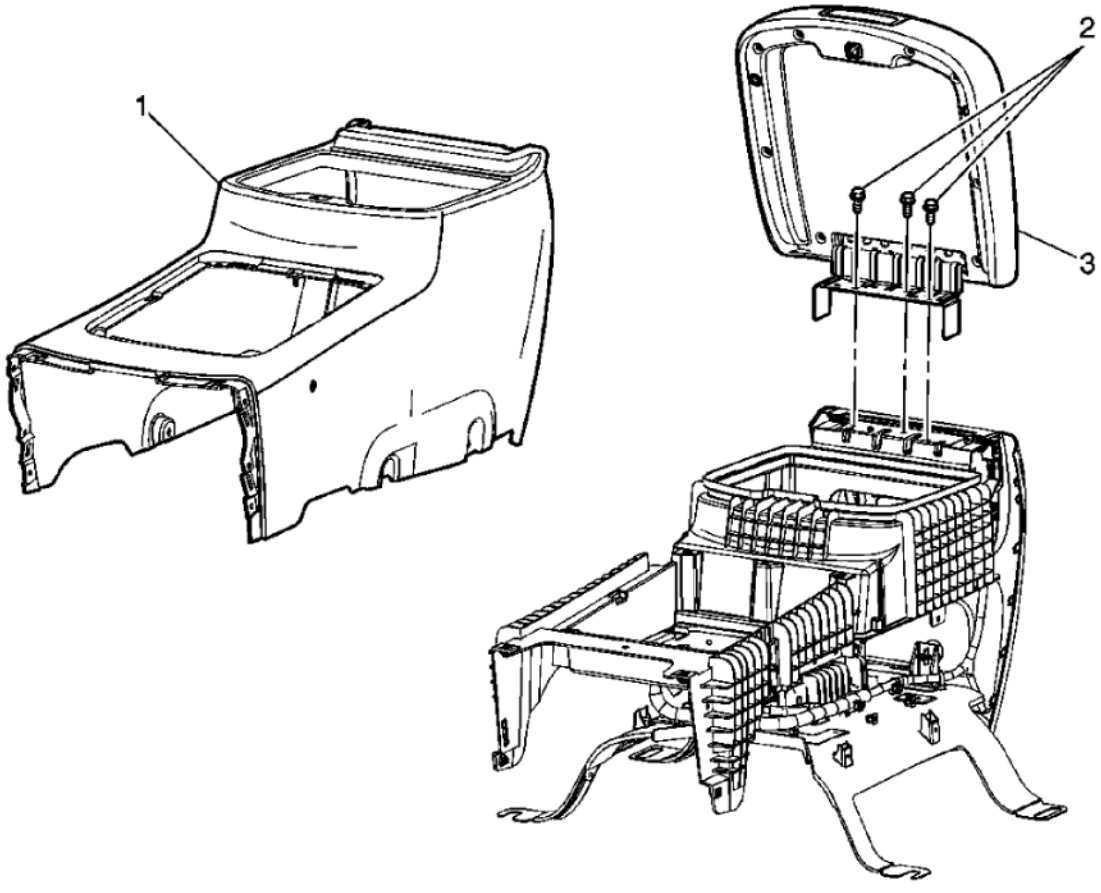


Fig. 79: View Of Front Floor Armrest Assembly & Components

Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Front Floor Console Compartment Cover Assembly Refer to **Front Floor Console Compartment Replacement (Except Cadillac)**.
2	Front Floor Console Armrest Assembly Screws (Qty: 3) **NOTE:** Refer to Fastener Notice . **Tighten:** 2 N.m (18 lb in)
3	Front Floor Console Armrest Assembly

CENTER CONSOLE END PANEL REPLACEMENT

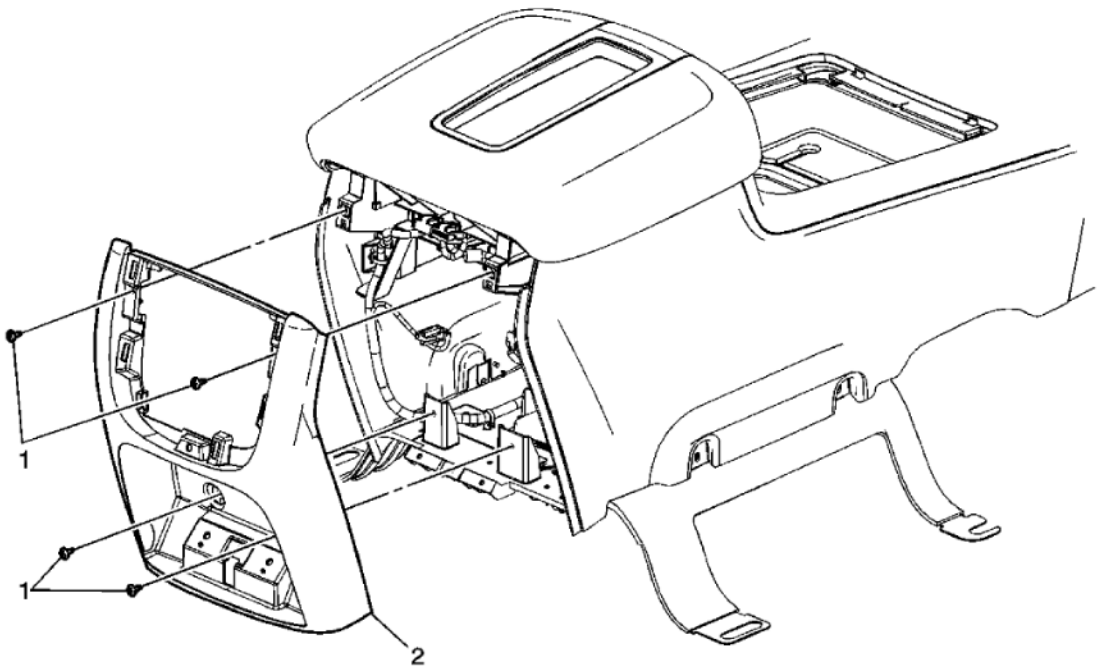


Fig. 80: View Of Front Floor Console End Cap Assembly & Screws
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedures	

1. Remove the front floor console compartment bezel. Refer to **Front Floor Console Compartment Bezel Replacement**.
2. Remove the front floor console rear cupholder. Refer to **Front Floor Console Cup Holder Replacement**.

1	Front Floor Console End Cap Screws (Qty: 4) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 2 N.m (18 lb in)
2	Front Floor Console End Cap Assembly

ROOF CONSOLE REPLACEMENT

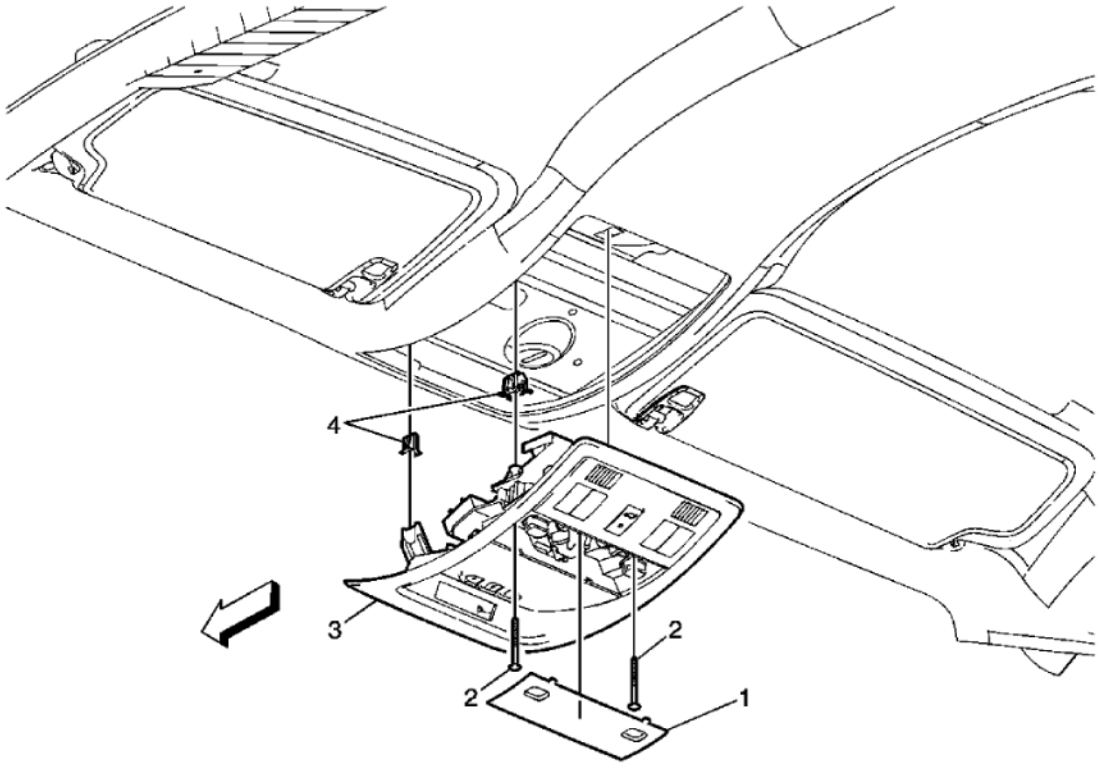


Fig. 81: View Of Roof Console Assembly & Components
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Front Overhead Console Lens

2	Roof Console Screws (Qty: 2) **NOTE:** **Refer to Fastener Notice .** **Tighten:** 2 N.m (18 lb in)
3	Roof Console Assembly **Tip:** 1. Disconnect the electrical connectors. 2. If replacing roof console assembly, transfer all necessary components.
4	Roof Console Retainers (Qty: 2) **Tip:** Pull down to disengage clips.

ROOF REAR CONSOLE REPLACEMENT (WITH DVD)

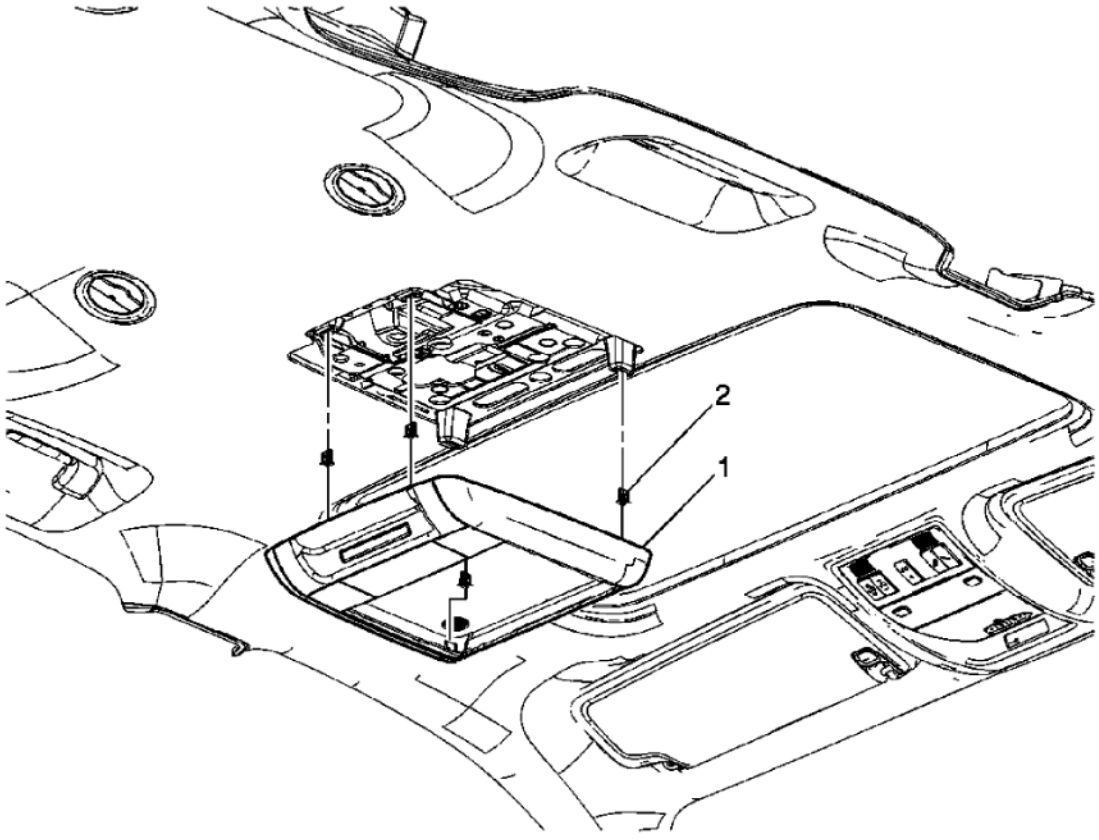


Fig. 82: View Of Roof Console Assembly & Retainers
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: Remove the video display assembly. Refer to **Video Display Replacement (Second Row)** .	
1	Roof Console Assembly **Tip:** 1. Pull down to disengage the retainer clips. 2. Disconnect the electrical connectors. 3. If replacing the rear roof console, transfer all necessary components.
2	Roof Console Retainer (Qty: 4)

SPECIAL TOOLS AND EQUIPMENT

SPECIAL TOOLS

Illustration	Tool Number/ Description
	J 42640 Steering Column Anti-Rotation Pin