

2010 ACCESSORIES & EQUIPMENT

Instrument Panel and Console Trim - Equinox & Terrain

SPECIFICATIONS

FASTENER TIGHTENING SPECIFICATIONS

Application	Specification	
	Metric	English
Brake Pedal Bracket to the Instrument Panel Carrier Assembly	22 N.m	16 lb ft
Drivers Knee Bolster Panel Fasteners	2.5 N.m	22 lb in
Drivers Knee Bolster Panel Reinforcement Fasteners	9 N.m	80 lb in
Front Floor Console Accessory Trim Plate Fasteners	2.5 N.m	22 lb in
Front Floor Console Armrest Fasteners	2.5 N.m	22 lb in
Front Floor Console Bolts	9 N.m	80 lb in
Front Floor Console Compartment Door Latch Fasteners	2.5 N.m	22 lb in
Front Floor Console Nuts	9 N.m	80 lb in
HVAC Module to the Instrument Panel Carrier Assembly	6 N.m	53 lb in
Instrument Panel Carrier Assembly to the Mod Plate	22 N.m	16 lb ft
Instrument Panel Carrier Assembly to the Vehicle Body	22 N.m	16 lb ft
Instrument Panel Center Compartment Bracket Fasteners	2.5 N.m	22 lb in
Instrument Panel Center Compartment Fasteners	2.5 N.m	22 lb in
Instrument Panel Cluster Trim Plate Bezel Fasteners	2.5 N.m	22 lb in
Instrument Panel Compartment Door Dampener Fasteners	2.5 N.m	22 lb in
Instrument Panel Inflatable Restraint Fasteners	9 N.m	80 lb in
Instrument Panel Insulator Panel Fasteners	2.5 N.m	22 lb in
Instrument Panel Lower Extension Accessory Bezel Fasteners	2.5 N.m	22 lb in
Instrument Panel Lower Trim Pad Retainer Fasteners	2.5 N.m	22 lb in
Instrument Panel Upper Trim Panel Bolt	2.5 N.m	22 lb in
Instrument Panel Upper Trim Panel Screws	2.5 N.m	22 lb in

REPAIR INSTRUCTIONS

INSTRUMENT PANEL INSULATOR PANEL REPLACEMENT - RIGHT SIDE (EQUINOX)

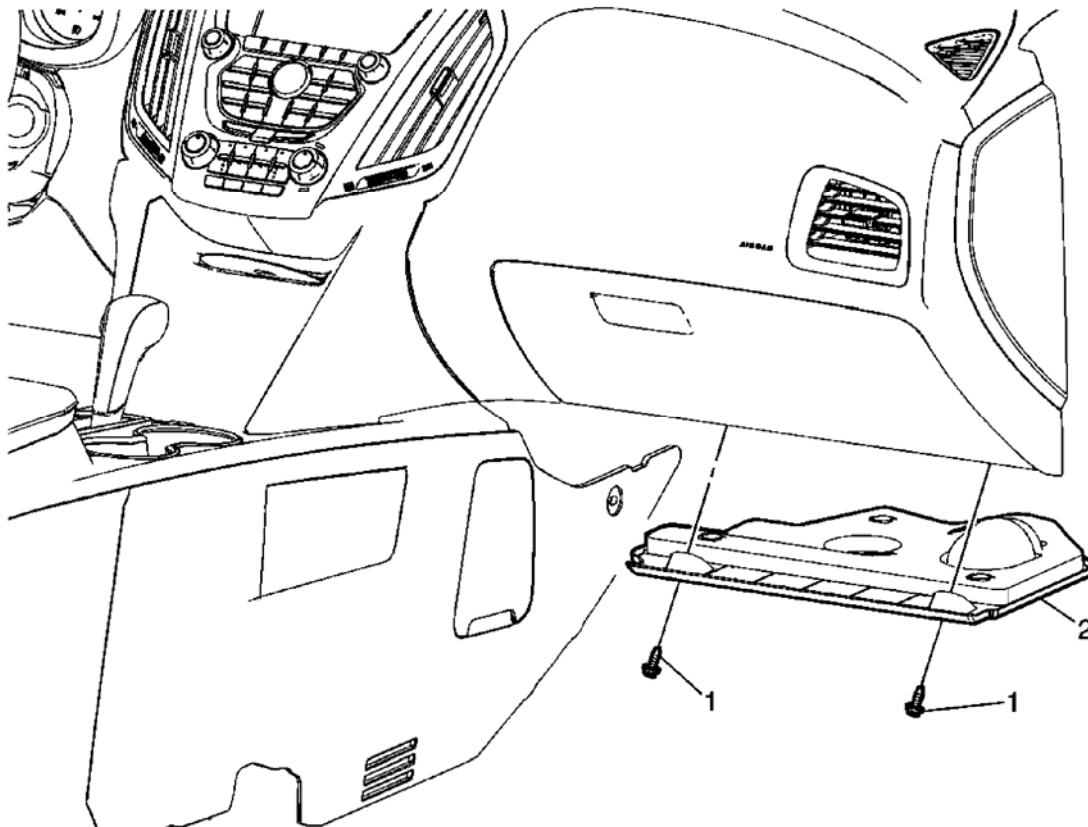


Fig. 1: Instrument Panel Insulator Panel - Right Side (Equinox)
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Instrument Panel Insulator Panel Fasteners (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> . Tighten: 2.5 N.m (22 lb in)
2	Instrument Panel Insulator Panel Assembly Procedures 1. Disconnect the electrical connections, if applicable. 2. When replacing the instrument panel insulator panel assembly, transfer all necessary components.

INSTRUMENT PANEL INSULATOR PANEL REPLACEMENT - RIGHT SIDE (TERRAIN)

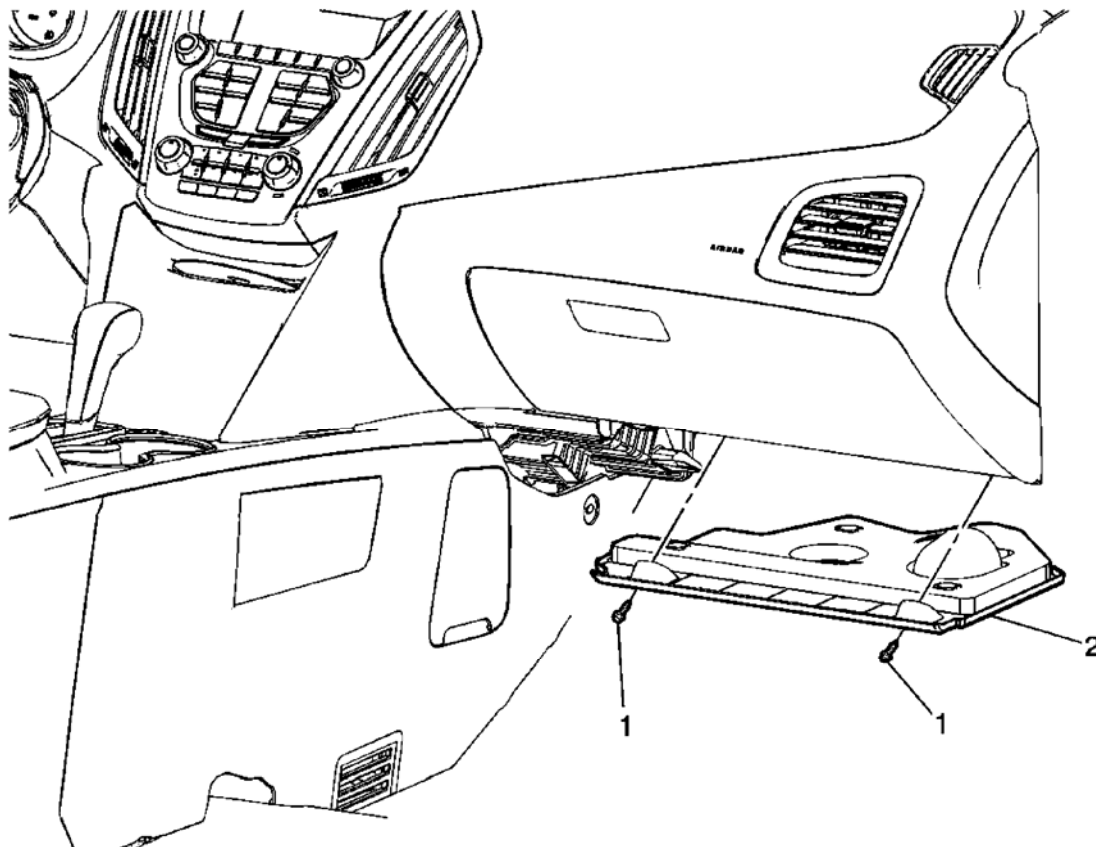


Fig. 2: Instrument Panel Insulator Panel - Right Side (Terrain)
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Instrument Panel Insulator Panel Fasteners (Qty: 3) CAUTION: Refer to <u>Fastener Caution</u> . Tighten: 2.5 N.m (22 lb in)
2	Instrument Panel Insulator Panel Assembly Procedures 1. Disconnect the electrical connections, if applicable. 2. When replacing the instrument panel insulator panel assembly, transfer all necessary components.

INSTRUMENT PANEL INSULATOR PANEL REPLACEMENT - LEFT SIDE (EQUINOX)

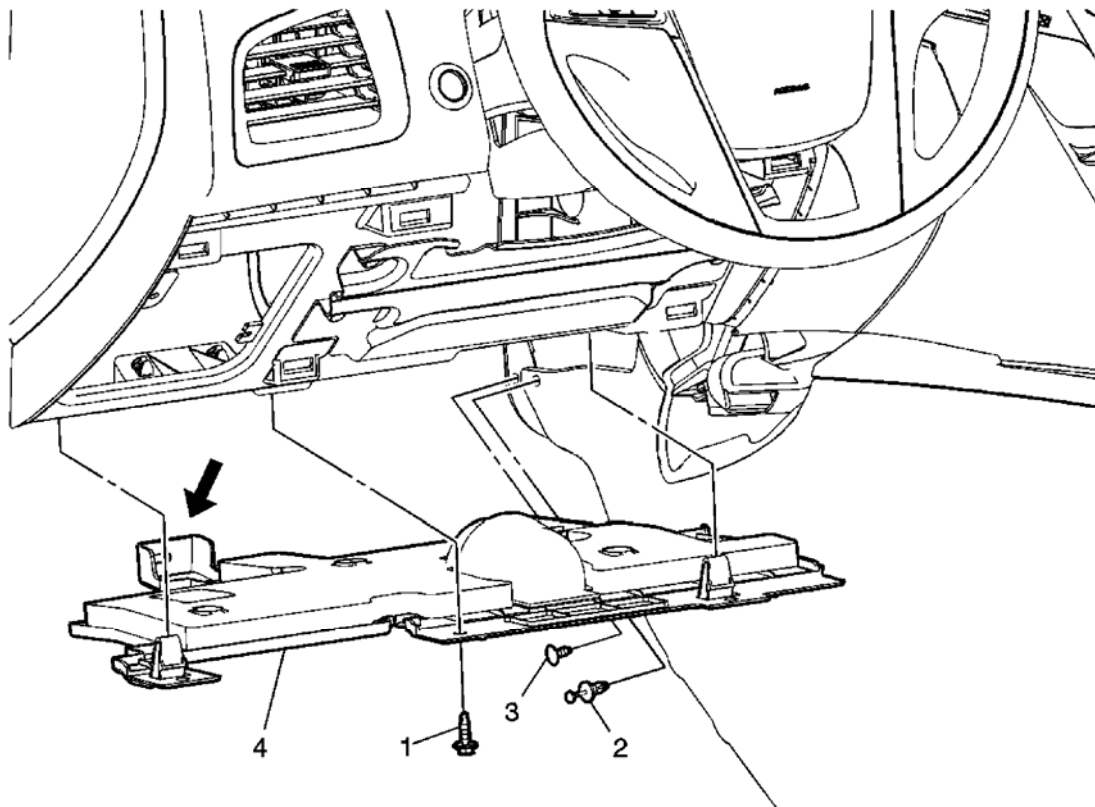


Fig. 3: Instrument Panel Insulator Panel - Left Side (Equinox)
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: Remove the drivers knee bolster panel. Refer to <u>Driver Knee Bolster Panel Replacement (Equinox)</u> or <u>Driver Knee Bolster Panel Replacement (Terrain)</u> .	
1	Instrument Panel Insulator Panel Fastener CAUTION: Refer to <u>Fastener Caution</u> . Tighten: 2.5 N.m (22 lb in)
2	Left Front Floor Lower Console Side Finish Cover Push Pin Retainer
3	Instrument Panel Insulator Panel Push-in Retainer Procedure: Pull the front edge of the left front floor lower console side finish cover outward enough to access the instrument panel insulator push-in retainer.
	Instrument Panel Insulator Panel Assembly Procedures

- | | |
|---|--|
| 4 | <ol style="list-style-type: none">1. Disconnect the electrical connections, if applicable.2. When replacing the instrument panel insulator panel assembly, transfer all necessary components.3. When reinstalling the insulator panel, ensure the rear tab aligns with the stud on the cowl panel. |
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INSTRUMENT PANEL INSULATOR PANEL REPLACEMENT - LEFT SIDE (TERRAIN)

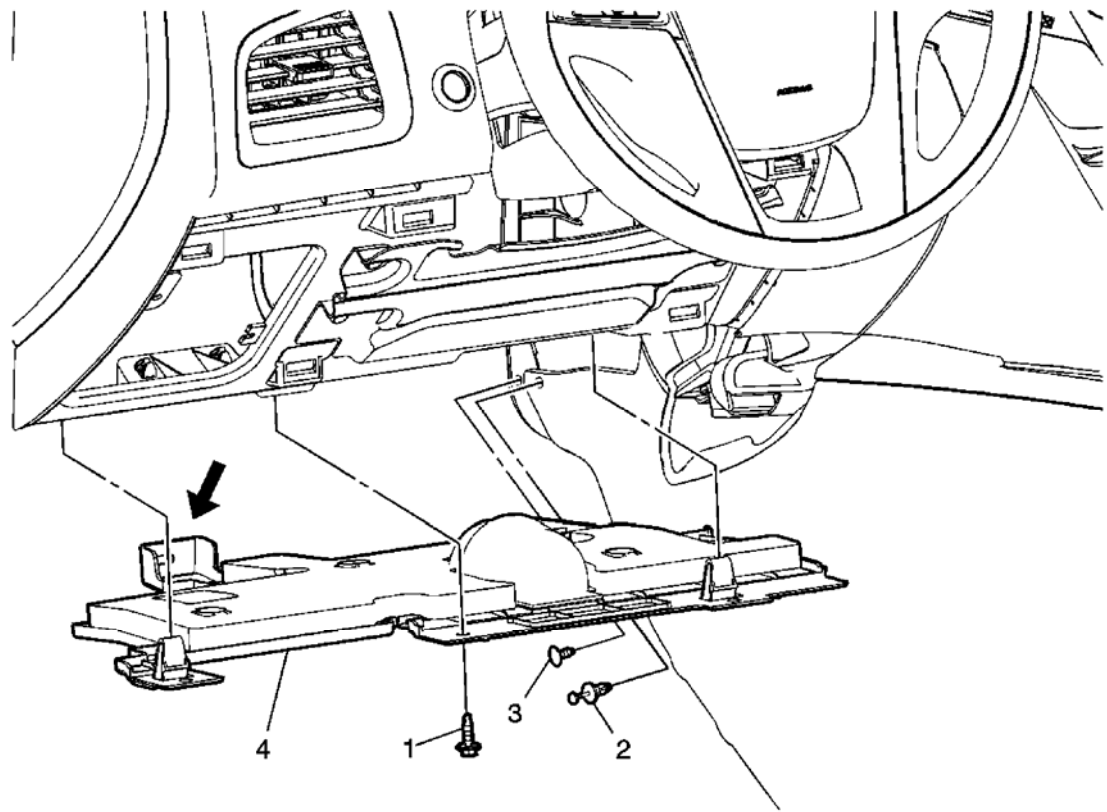


Fig. 4: Instrument Panel Insulator Panel - Left Side (Terrain)
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: Remove the drivers knee bolster panel. Refer to <u>Driver Knee Bolster Panel Replacement (Equinox)</u> or <u>Driver Knee Bolster Panel Replacement (Terrain)</u> .	
1	Instrument Panel Insulator Panel Fastener CAUTION: Refer to <u>Fastener Caution</u> . Tighten: 2.5 N.m (22 lb in)

2	Left Front Floor Lower Console Side Finish Cover Push Pin Retainer
3	Instrument Panel Insulator Panel Push-in Retainer Procedure: Pull the front edge of the left front floor lower console side finish cover outward enough to access the instrument panel insulator push-in retainer.
4	Instrument Panel Insulator Panel Assembly Procedures 1. Disconnect the electrical connections, if applicable. 2. When replacing the instrument panel insulator panel assembly, transfer all necessary components. 3. When reinstalling the insulator panel, ensure the rear tab aligns with the stud on the cowl panel.

DRIVER KNEE BOLSTER PANEL REPLACEMENT (EQUINOX)

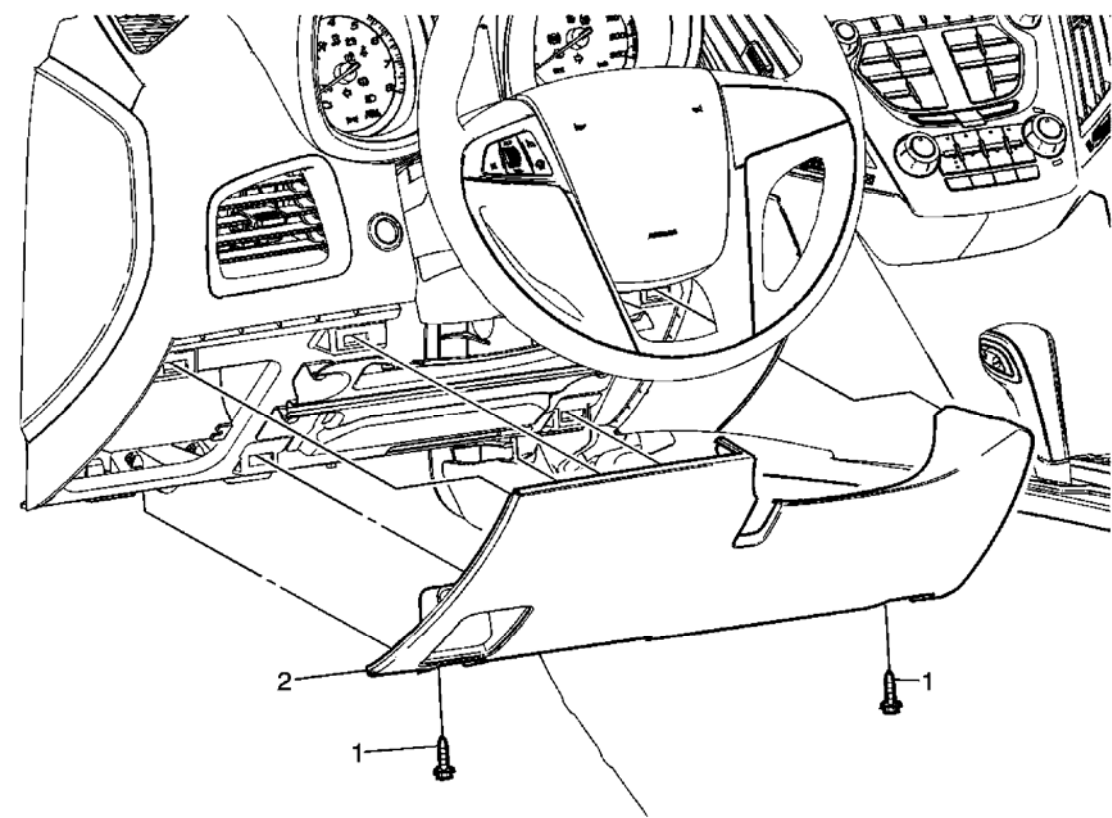


Fig. 5: Driver Knee Bolster Panel (Equinox)
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name

Preliminary Procedure:
Remove the hood primary release handle. Refer to **Hood Primary Latch Release Cable Handle Replacement** .

1	Drivers Knee Bolster Panel Fasteners (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> . Tighten: 2.5 N.m (22 lb in)
2	Drivers Knee Bolster Panel Assembly

DRIVER KNEE BOLSTER PANEL REPLACEMENT (TERRAIN)

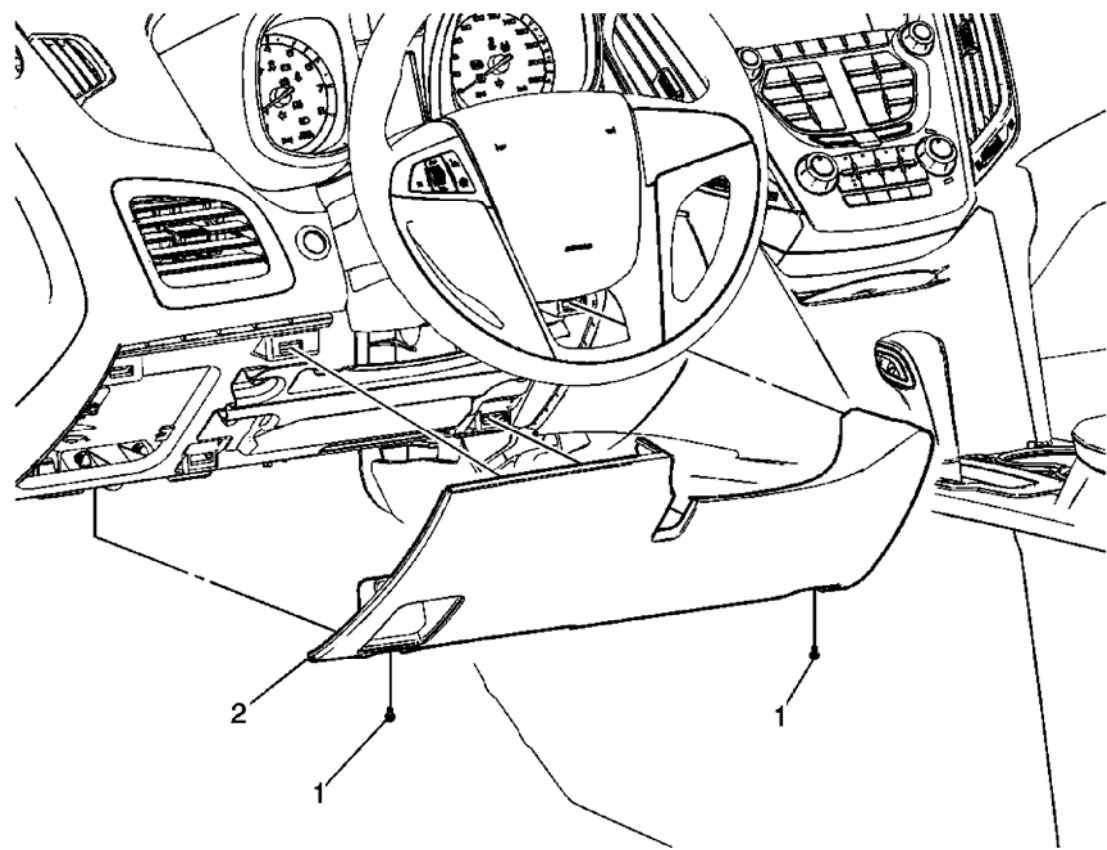


Fig. 6: Driver Knee Bolster Panel (Terrain)
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: Remove the hood primary release handle. Refer to <u>Hood Primary Latch Release Cable Handle Replacement</u> .	

1	Drivers Knee Bolster Panel Fasteners (Qty: 2)
	CAUTION: Refer to <u>Fastener Caution</u> . Tighten: 2.5 N.m (22 lb in)
2	Drivers Knee Bolster Panel Assembly

DRIVER KNEE BOLSTER REINFORCEMENT REPLACEMENT (EQUINOX)

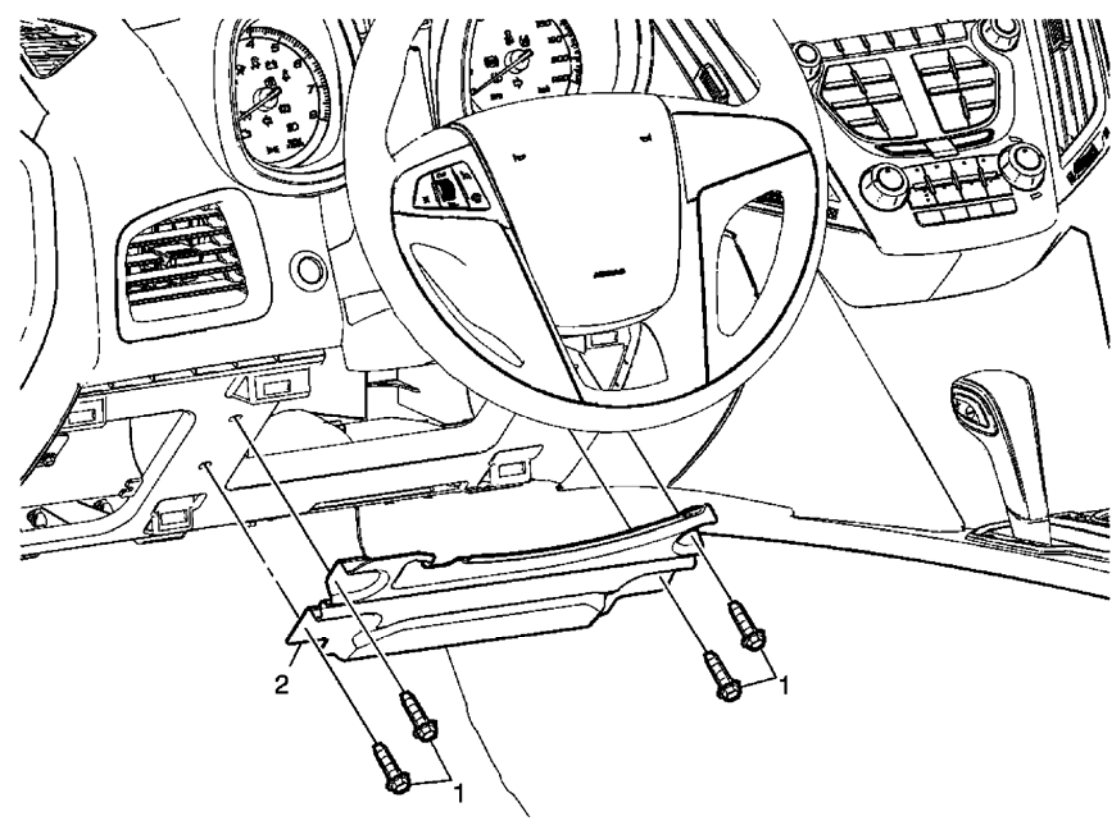


Fig. 7: Driver Knee Bolster Reinforcement (Equinox)
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: Remove the drivers knee bolster panel. Refer to <u>Driver Knee Bolster Panel Replacement (Equinox)</u> or <u>Driver Knee Bolster Panel Replacement (Terrain)</u> .	
1	Drivers Knee Bolster Panel Reinforcement Fasteners (Qty: 4) CAUTION: Refer to <u>Fastener Caution</u> .

	Tighten: 9 N.m (80 lb in)
2	Drivers Knee Bolster Panel Reinforcement Assembly

DRIVER KNEE BOLSTER REINFORCEMENT REPLACEMENT (TERRAIN)

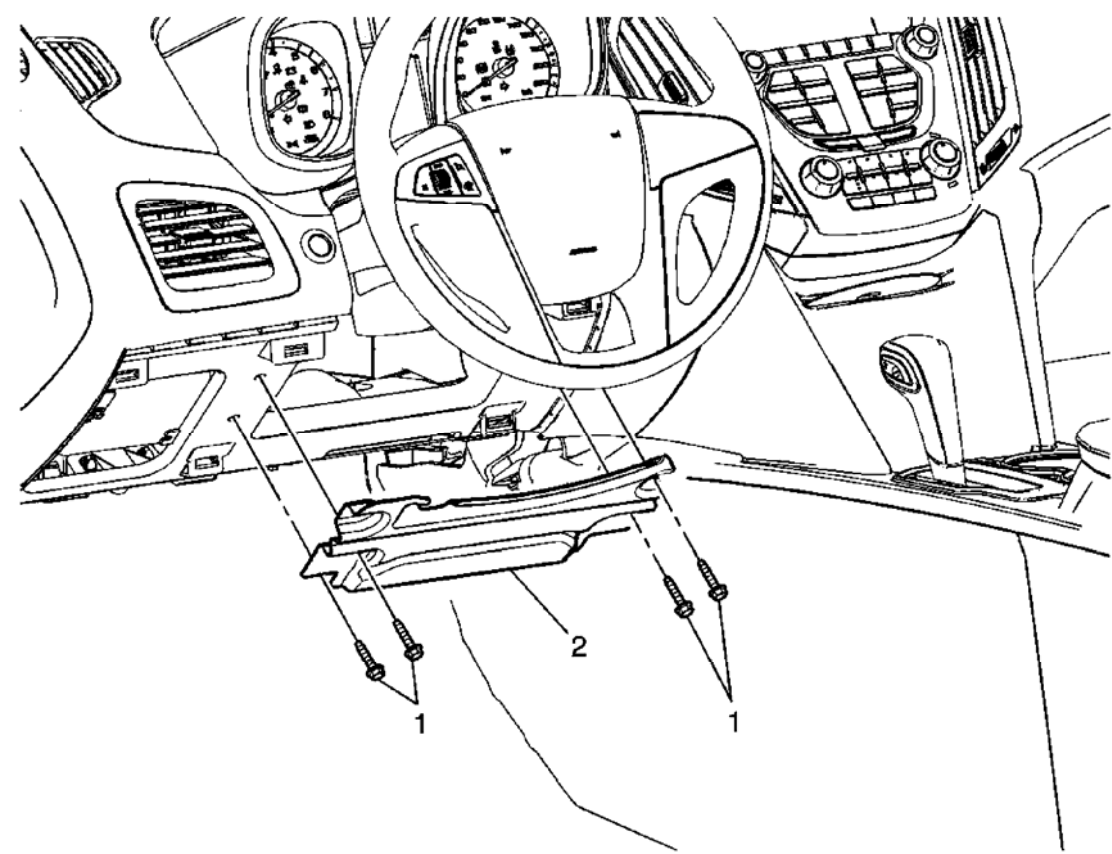


Fig. 8: Driver Knee Bolster Reinforcement (Terrain)
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: Remove the drivers knee bolster panel. Refer to <u>Driver Knee Bolster Panel Replacement (Equinox)</u> or <u>Driver Knee Bolster Panel Replacement (Terrain)</u> .	
1	Drivers Knee Bolster Panel Reinforcement Fasteners (Qty: 4) CAUTION: Refer to <u>Fastener Caution</u> . Tighten: 9 N.m (80 lb in)
2	Drivers Knee Bolster Panel Reinforcement Assembly

INSTRUMENT PANEL SIDE TRIM PANEL REPLACEMENT (EQUINOX)



Fig. 9: Instrument Panel Side Trim Panel (Equinox)
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Instrument Panel Side Trim Panels (Left or Right) Procedure: Use a flat bladed plastic trim tool in order to release the retainer clips securing the side trim panels to the instrument panel assembly.

INSTRUMENT PANEL SIDE TRIM PANEL REPLACEMENT (TERRAIN)

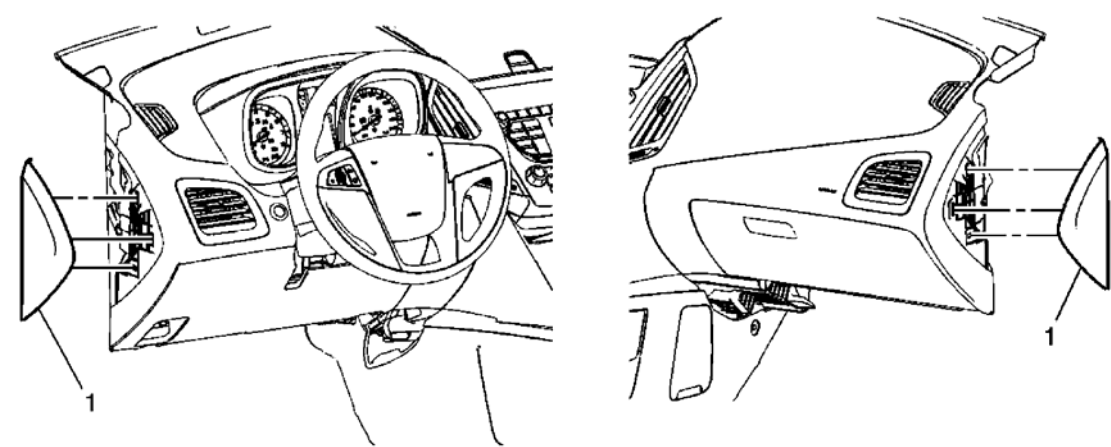


Fig. 10: Instrument Panel Side Trim Panel (Terrain)
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
	Instrument Panel Side Trim Panels (Left or Right) Procedure:

1

Use a flat bladed plastic trim tool in order to release the retainer clips securing the side trim panels to the instrument panel assembly.

INSTRUMENT PANEL ACCESSORY TRIM PLATE REPLACEMENT (EQUINOX)

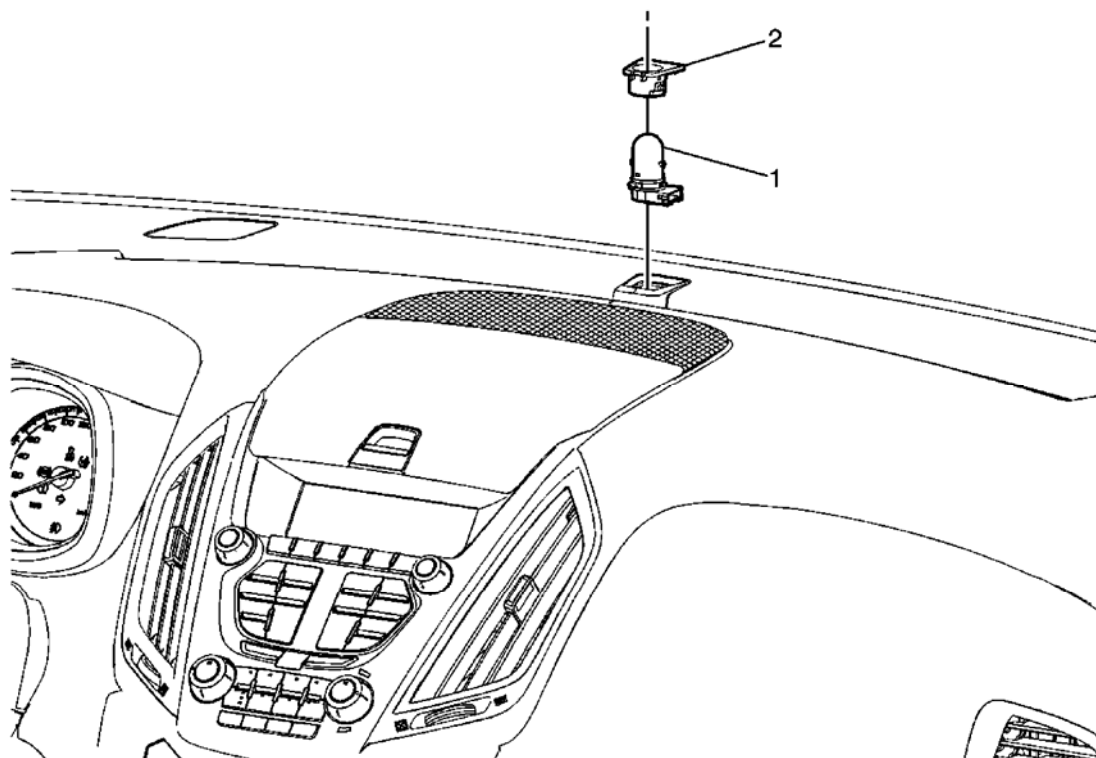


Fig. 11: Instrument Panel Accessory Trim Plate (Equinox)

Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Sun Load Temperature and Headlamp Automatic Control Ambient Light Sensor Procedure: Remove the sun load temperature and headlamp automatic control ambient light sensor and the instrument panel accessory trim plate as one assembly.
2	Instrument Panel Accessory Trim Plate Procedures 1. Use a flat bladed plastic trim tool in order to release the instrument panel accessory trim plate from the instrument panel assembly. 2. Disconnect the electrical connections to the sensor. 3. Turn the sensor within the instrument panel accessory trim plate and remove it from the instrument panel accessory trim plate.

INSTRUMENT PANEL ACCESSORY TRIM PLATE REPLACEMENT (TERRAIN)

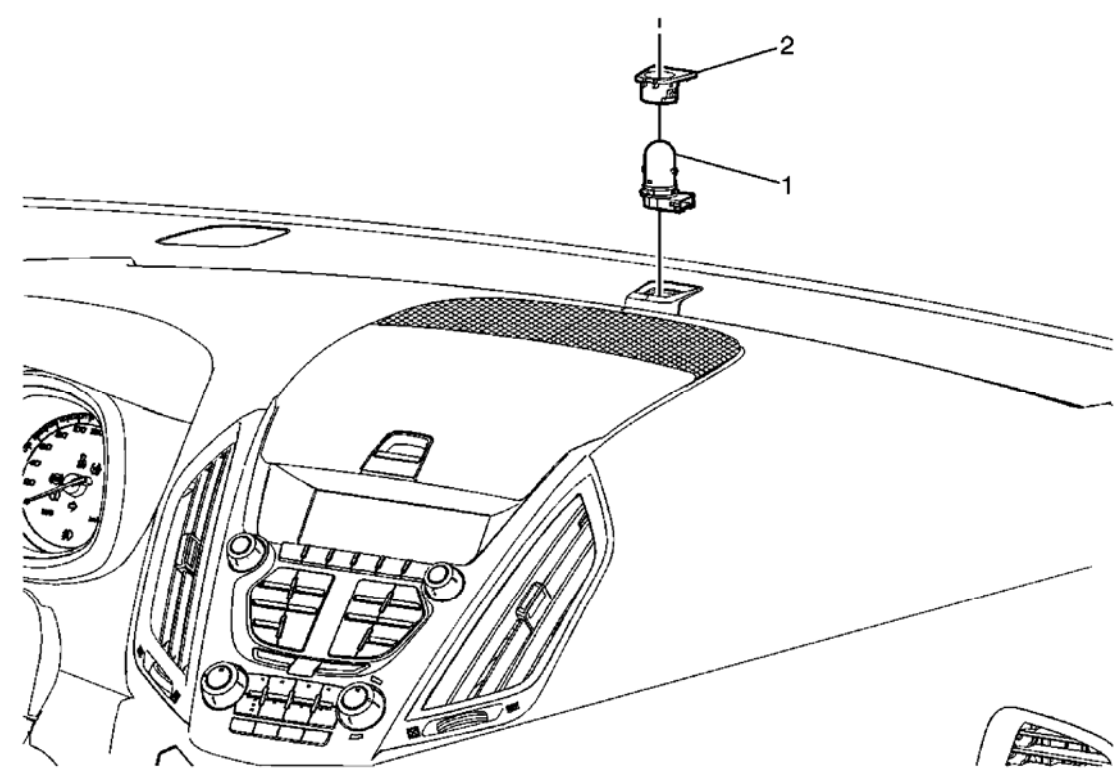


Fig. 12: Instrument Panel Accessory Trim Plate (Terrain)
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Sun Load Temperature and Headlamp Automatic Control Ambient Light Sensor Procedure: Remove the sun load temperature and headlamp automatic control ambient light sensor and the instrument panel accessory trim plate as one assembly.
2	Instrument Panel Accessory Trim Plate Procedures 1. Use a flat bladed plastic trim tool in order to release the instrument panel accessory trim plate from the instrument panel assembly. 2. Disconnect the electrical connections to the sensor. 3. Turn the sensor within the instrument panel accessory trim plate and remove it from the instrument panel accessory trim plate.

INSTRUMENT PANEL UPPER TRIM PANEL REPLACEMENT (EQUINOX)

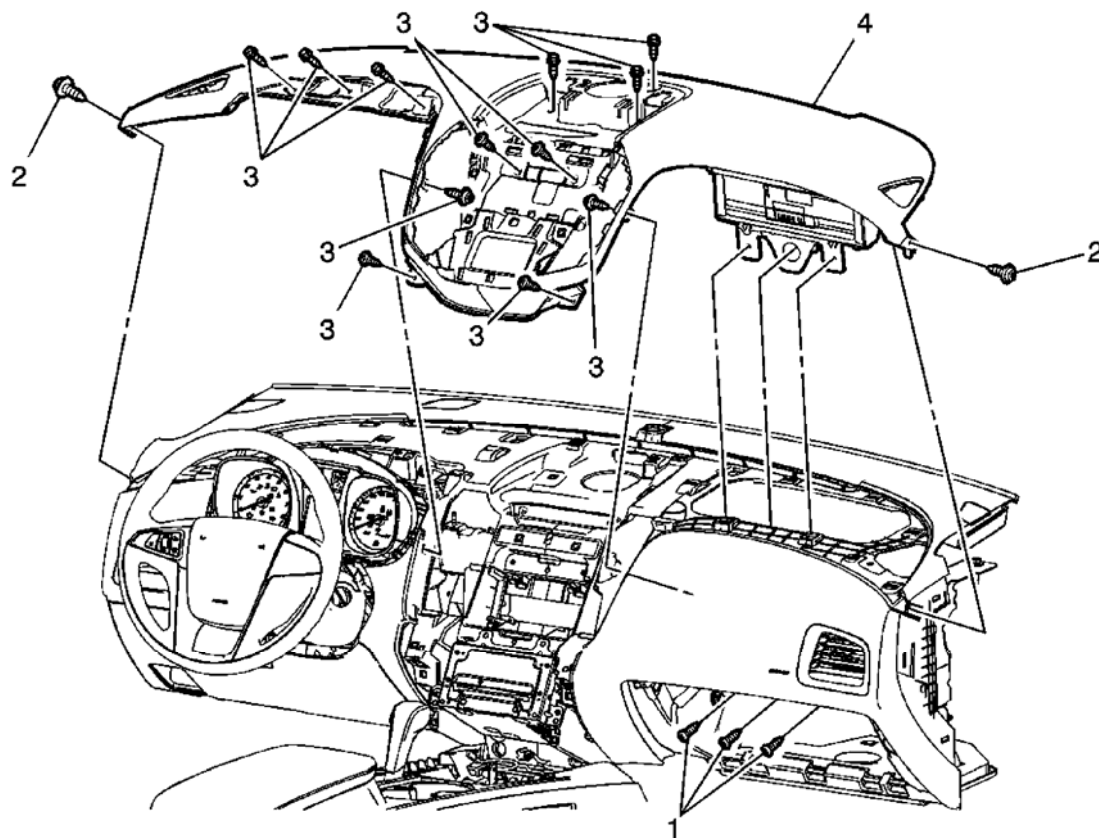


Fig. 13: Instrument Panel Upper Trim Panel (Equinox)
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedures	
1.	Disable the SIR system. Refer to <u>SIR Disabling and Enabling</u> .
2.	Remove the instrument panel accessory trim plate. Refer to <u>Instrument Panel Accessory Trim Plate Replacement (Equinox)</u> or <u>Instrument Panel Accessory Trim Plate Replacement (Terrain)</u>
3.	Remove the instrument panel cluster trim plate bezel. Refer to <u>Instrument Panel Cluster Trim Plate Bezel Replacement (Equinox)</u> or <u>Instrument Panel Cluster Trim Plate Bezel Replacement (Terrain)</u> .
4.	Remove the left and right instrument panel side trim panels. Refer to <u>Instrument Panel Side Trim Panel Replacement (Equinox)</u> or <u>Instrument Panel Side Trim Panel Replacement (Terrain)</u> .
5.	Remove the instrument panel compartment door assembly. Refer to <u>Instrument Panel Compartment Door Replacement (Equinox)</u> or <u>Instrument Panel Compartment Door Replacement (Terrain)</u> .
6.	Remove the instrument panel center compartment, if equipped. Refer to <u>Instrument Panel Center Compartment Replacement (Equinox)</u> or <u>Instrument Panel Center Compartment</u>

Replacement (Terrain)

7. Remove the radio front center speaker. Refer to **Radio Front Center Speaker Replacement** .
8. Remove the radio control assembly. Refer to **Radio Control Assembly Replacement** .
9. Remove the right and left instrument panel center air outlets. Refer to **Instrument Panel Center Air Outlet Replacement (Equinox)** or **Instrument Panel Center Air Outlet Replacement (Terrain)** .
10. Remove the instrument panel lower extension accessory bezel. Refer to **Instrument Panel Lower Extension Accessory Bezel Replacement (Equinox)** or **Instrument Panel Lower Extension Accessory Bezel Replacement (Terrain)**.
11. Remove the instrument panel upper center trim panel, if equipped. Refer to **Instrument Panel Upper Center Trim Panel Replacement (Equinox)** or **Instrument Panel Upper Center Trim Panel Replacement (Terrain)**)
12. Remove the radio, video, audio disc player, and navigational information display, if equipped. Refer to **Radio, Video, Audio Disc Player, and Navigation Information Display Replacement** .
13. Remove the instrument panel center compartment bracket, if equipped. Refer to **Instrument Panel Center Compartment Bracket Replacement (Equinox)** or **Instrument Panel Center Compartment Bracket Replacement (Terrain)**.

1	Instrument Panel Inflatable Restraint Fasteners (Qty: 3) CAUTION: Refer to <u>Fastener Caution</u> . Tighten: 9 N.m(80 lb in)
2	Instrument Panel Upper Trim Panel Screws (Qty: 4) Tighten: 2.5 N.m(22 lb in)
3	Instrument Panel Upper Trim Panel Bolts (Qty: 10) Tighten: 2.5 N.m(22 lb in)
4	Instrument Panel Upper Trim Panel Assembly Procedures 1. Note location and routing of the instrument panel wiring harness prior to removing the instrument panel upper trim panel to ensure proper reinstallation. 2. When replacing the instrument panel upper trim panel assembly, transfer all necessary components.

INSTRUMENT PANEL UPPER TRIM PANEL REPLACEMENT (TERRAIN)

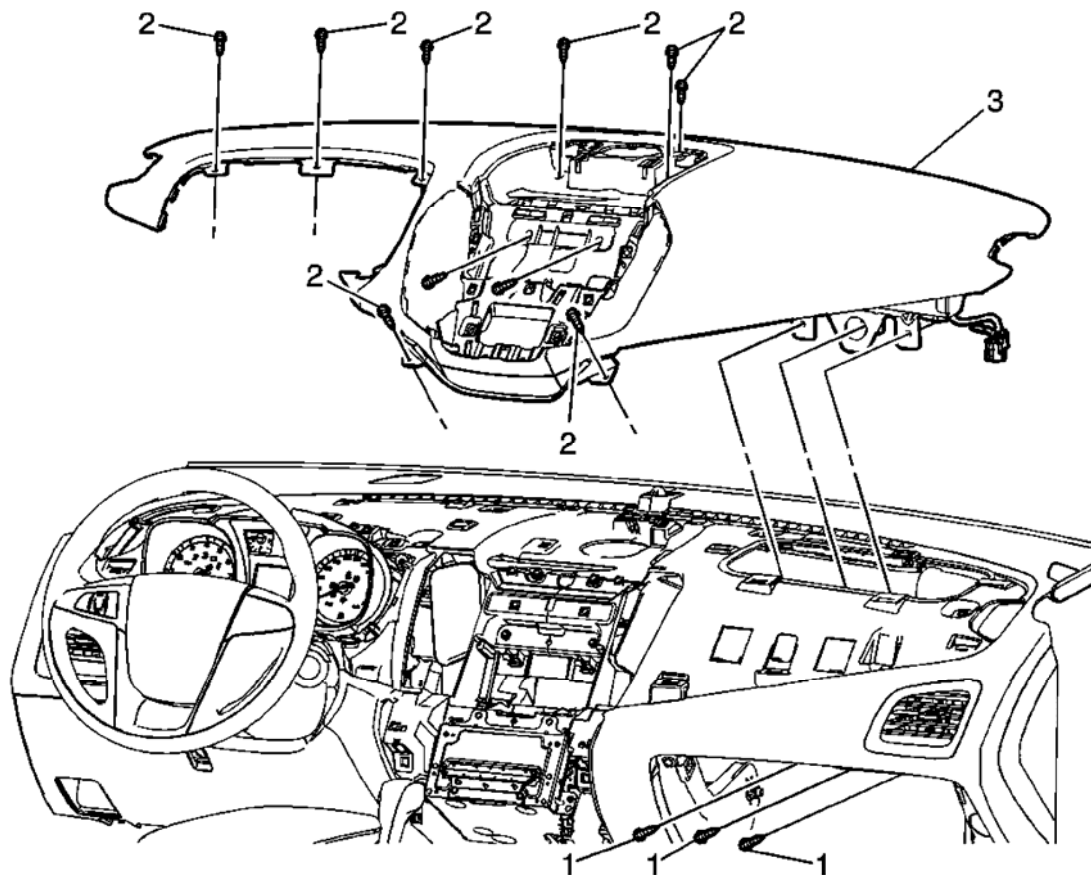


Fig. 14: Instrument Panel Upper Trim Panel (Terrain)

Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedures	
1.	Disable the SIR system. Refer to <u>SIR Disabling and Enabling</u> .
2.	Remove the left and right side window defroster outlet grille assemblies. Refer to <u>Side Window Defogger Outlet Grille Replacement (Equinox)</u> or <u>Side Window Defogger Outlet Grille Replacement (Terrain)</u>
3.	Remove the instrument panel accessory trim plate. Refer to <u>Instrument Panel Accessory Trim Plate Replacement (Equinox)</u> or <u>Instrument Panel Accessory Trim Plate Replacement (Terrain)</u>
4.	Remove the instrument panel cluster trim plate bezel. Refer to <u>Instrument Panel Cluster Trim Plate Bezel Replacement (Equinox)</u> or <u>Instrument Panel Cluster Trim Plate Bezel Replacement (Terrain)</u> .
5.	Remove the left and right instrument panel side trim panels. Refer to <u>Instrument Panel Side Trim Panel Replacement (Equinox)</u> or <u>Instrument Panel Side Trim Panel Replacement (Terrain)</u> .
6.	Remove the instrument panel compartment door assembly. Refer to <u>Instrument Panel</u>

Compartment Door Replacement (Equinox) or Instrument Panel Compartment Door Replacement (Terrain).

7. Remove the instrument panel center compartment, if equipped. Refer to **Instrument Panel Center Compartment Replacement (Equinox) or Instrument Panel Center Compartment Replacement (Terrain)**
8. Remove the radio front center speaker. Refer to **Radio Front Center Speaker Replacement** .
9. Remove the radio control assembly. Refer to **Radio Control Assembly Replacement** .
10. Remove the right and left instrument panel center air outlets. Refer to **Instrument Panel Center Air Outlet Replacement (Equinox) or Instrument Panel Center Air Outlet Replacement (Terrain)** .
11. Remove the instrument panel lower extension accessory bezel. Refer to **Instrument Panel Lower Extension Accessory Bezel Replacement (Equinox) or Instrument Panel Lower Extension Accessory Bezel Replacement (Terrain)**.
12. Remove the radio, video, audio disc player, and navigational information display, if equipped. Refer to **Radio, Video, Audio Disc Player, and Navigation Information Display Replacement** .
13. Remove the instrument panel center compartment bracket, if equipped. Refer to **Instrument Panel Center Compartment Bracket Replacement (Equinox) or Instrument Panel Center Compartment Bracket Replacement (Terrain)**.

1	Instrument Panel Inflatable Restraint Fasteners (Qty: 3) CAUTION: Refer to <u>Fastener Caution</u> . Tighten: 9 N.m(80 lb in)
2	Instrument Panel Upper Trim Panel Screws (Qty: 10) Tighten: 2.5 N.m(22 lb in)
3	Instrument Panel Upper Trim Panel Assembly Procedures 1. Note location and routing of the instrument panel wiring harness prior to removing the instrument panel upper trim panel to ensure proper reinstallation. 2. When replacing the instrument panel upper trim panel assembly, transfer all necessary components.

INSTRUMENT PANEL UPPER CENTER TRIM PANEL REPLACEMENT (EQUINOX)

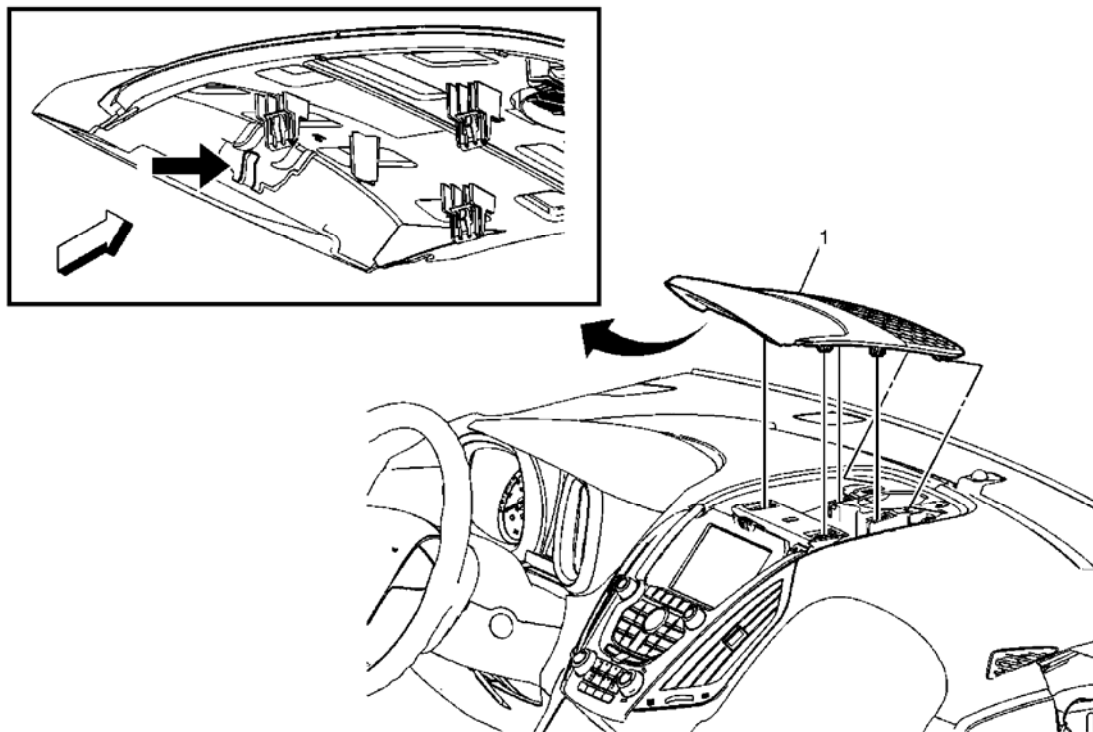


Fig. 15: Instrument Panel Upper Center Trim Panel (Equinox)

Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Instrument Panel Upper Center Trim Panel Assembly Procedure 1. Apply firm inward pressure at the top center of the radio control assembly, while at the same time applying upward pressure on the instrument panel upper center trim panel, releasing the retainer tab secure the upper center trim panel to the radio control assembly. 2. Continue applying upward pressure and use a flat bladed plastic trim tool in order to release the retainer clips securing the instrument panel center trim panel to the instrument panel assembly

INSTRUMENT PANEL UPPER CENTER TRIM PANEL REPLACEMENT (TERRAIN)

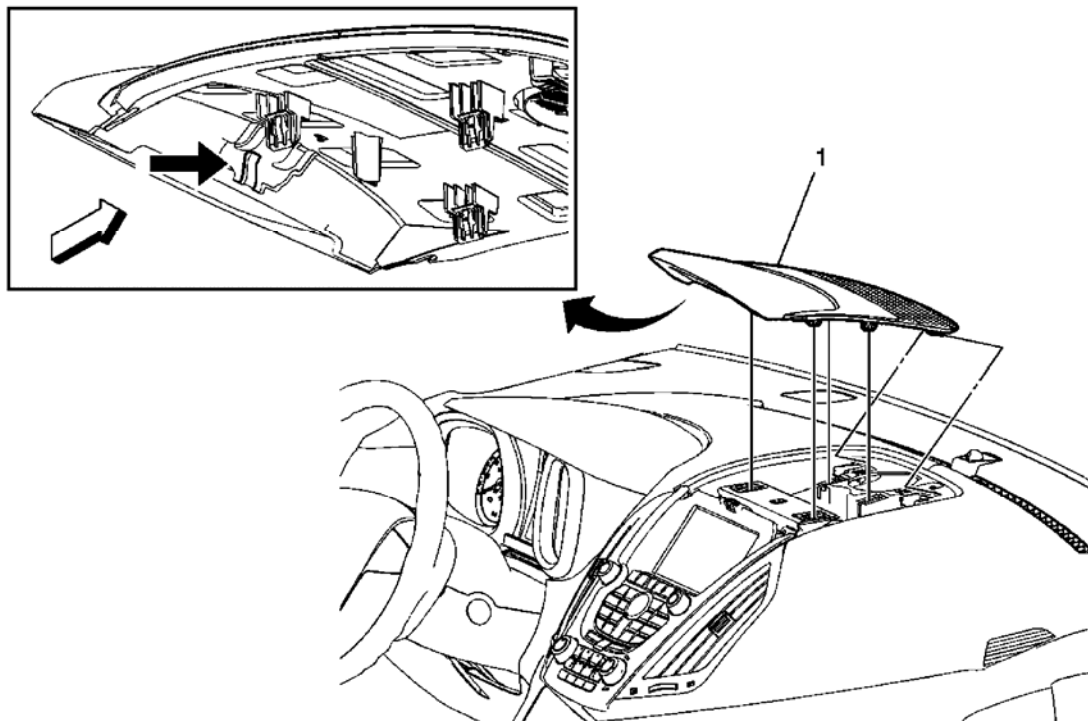


Fig. 16: Instrument Panel Upper Center Trim Panel (Terrain)
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Instrument Panel Upper Center Trim Panel Assembly Procedure 1. Apply firm inward pressure at the top center of the radio control assembly, while at the same time applying upward pressure on the instrument panel upper center trim panel, releasing the retainer tab secure the upper center trim panel to the radio control assembly. 2. Continue applying upward pressure and use a flat bladed plastic trim tool in order to release the retainer clips securing the instrument panel center trim panel to the instrument panel assembly

INSTRUMENT PANEL CLUSTER TRIM PAD REPLACEMENT (EQUINOX)

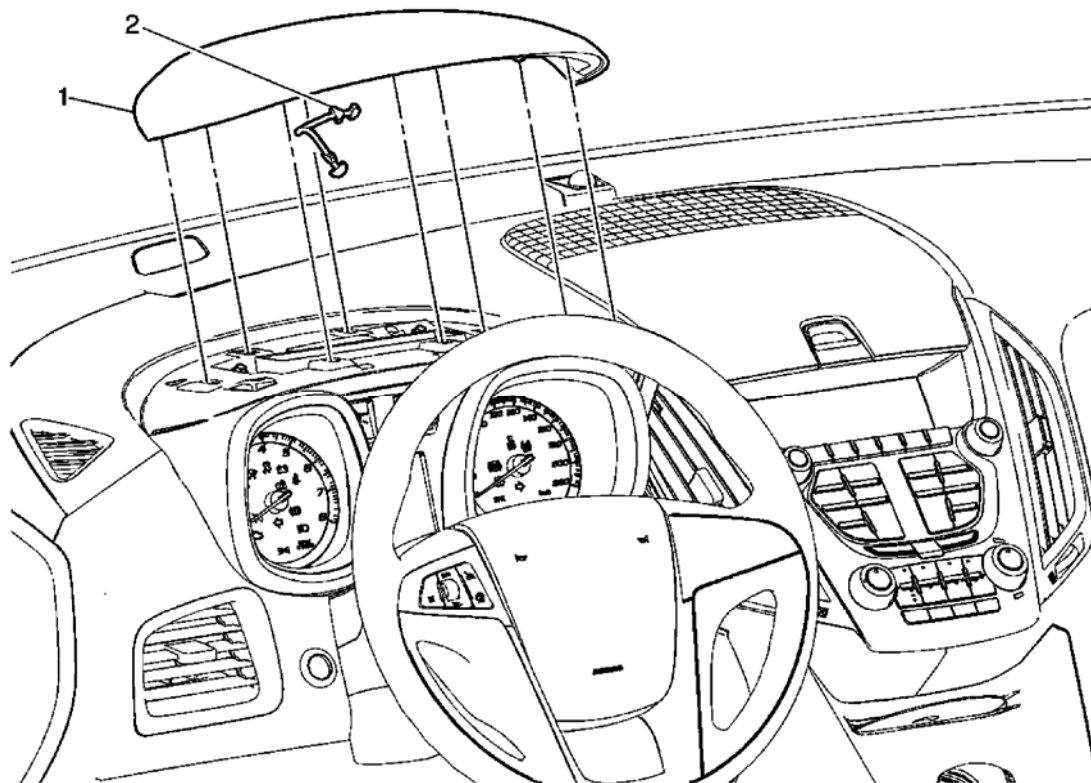


Fig. 17: Instrument Panel Cluster Trim Pad (Equinox)
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Instrument Panel Cluster Trim Pad
	Procedures 1. Use a flat bladed plastic trim tool in order to release the retainer clips securing the instrument panel cluster trim pad to the instrument panel cluster trim plate bezel. 2. Disconnect the instrument panel cluster trim pad tether.
2	Instrument Panel Cluster Trim Pad Tether

INSTRUMENT PANEL CLUSTER TRIM PAD REPLACEMENT (TERRAIN)

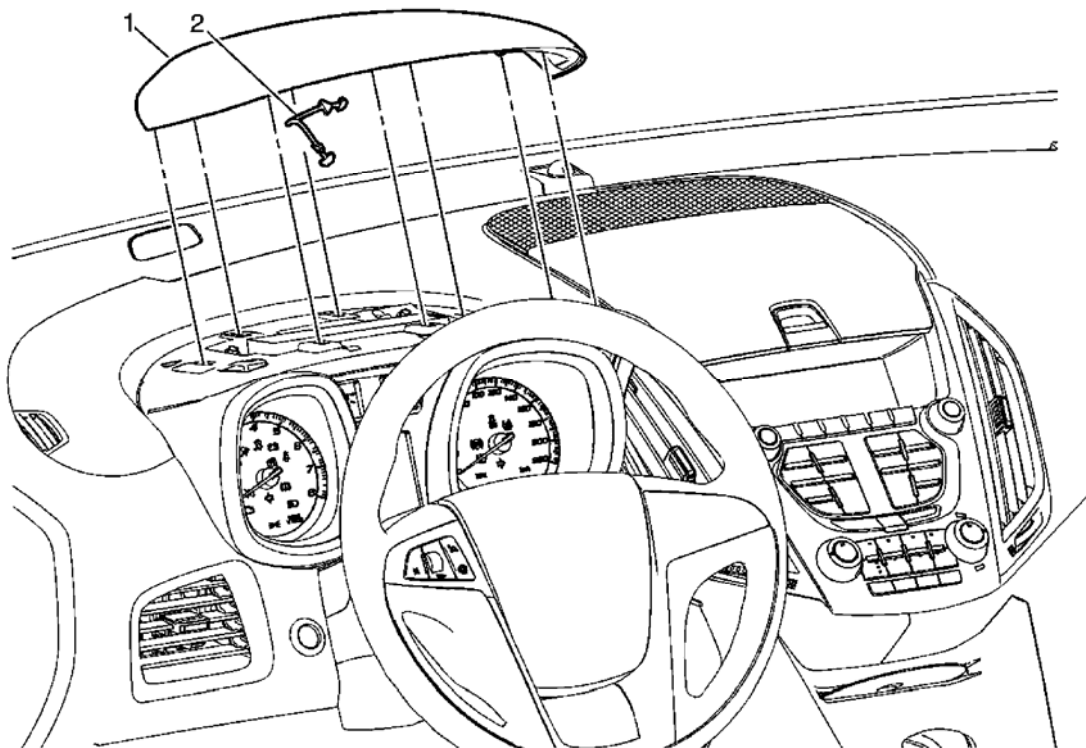


Fig. 18: Instrument Panel Cluster Trim Pad (Terrain)
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Instrument Panel Cluster Trim Pad Procedures 1. Use a flat bladed plastic trim tool in order to release the retainer clips securing the instrument panel cluster trim pad to the instrument panel cluster trim plate bezel. 2. Disconnect the instrument panel cluster trim pad tether.
2	Instrument Panel Cluster Trim Pad Tether

INSTRUMENT PANEL CLUSTER TRIM PLATE BEZEL REPLACEMENT (EQUINOX)

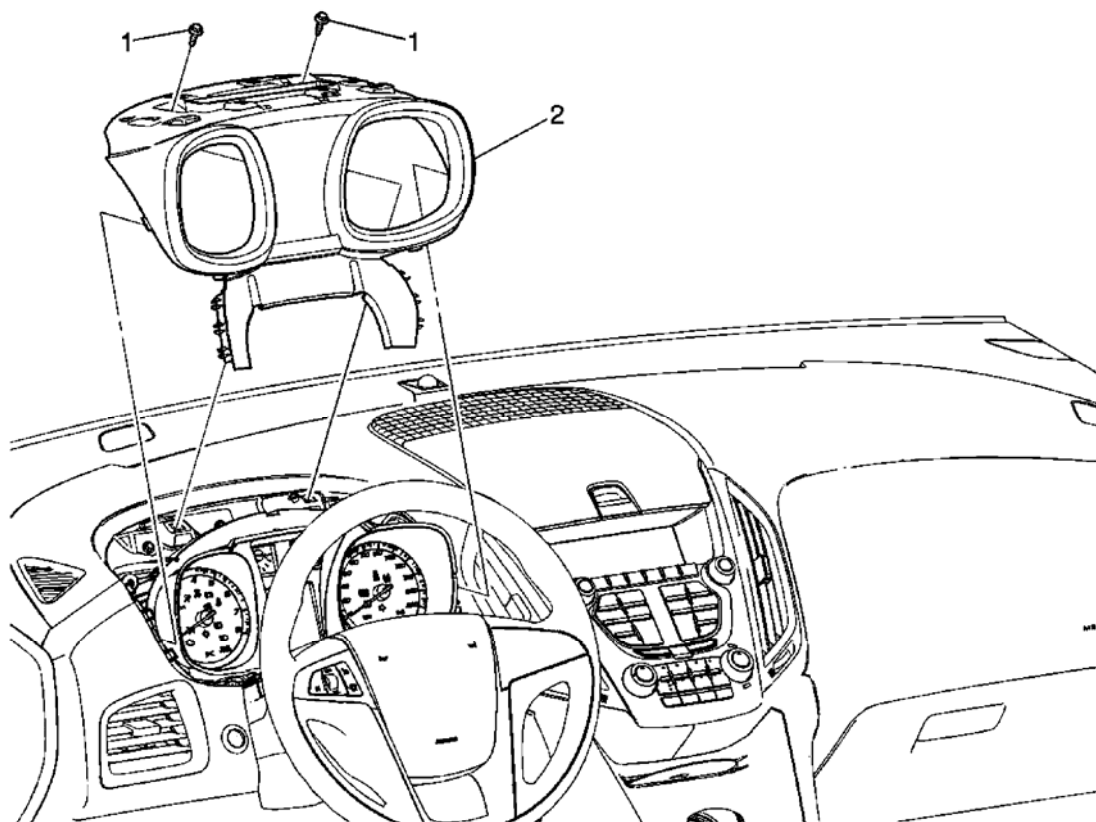


Fig. 19: Instrument Panel Cluster Trim Plate Bezel (Equinox)
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: Remove the instrument panel cluster trim pad. Refer to <u>Instrument Panel Cluster Trim Pad Replacement (Equinox)</u> or <u>Instrument Panel Cluster Trim Pad Replacement (Terrain)</u> .	
1	Instrument Panel Cluster Trim Plate Bezel Fasteners (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> Tighten: 2.5 N.m(22 lb in)
2	Instrument Panel Cluster Trim Plate Bezel Assembly Procedures 1. Use a flat bladed plastic trim tool in order to release the retainer tabs securing the steering column seal to the instrument panel lower trim pad retainer. 2. Use a flat bladed plastic trim tool in order to disengage the retainer clips securing the instrument panel cluster trim bezel to the instrument panel assembly.

INSTRUMENT PANEL CLUSTER TRIM PLATE BEZEL REPLACEMENT (TERRAIN)

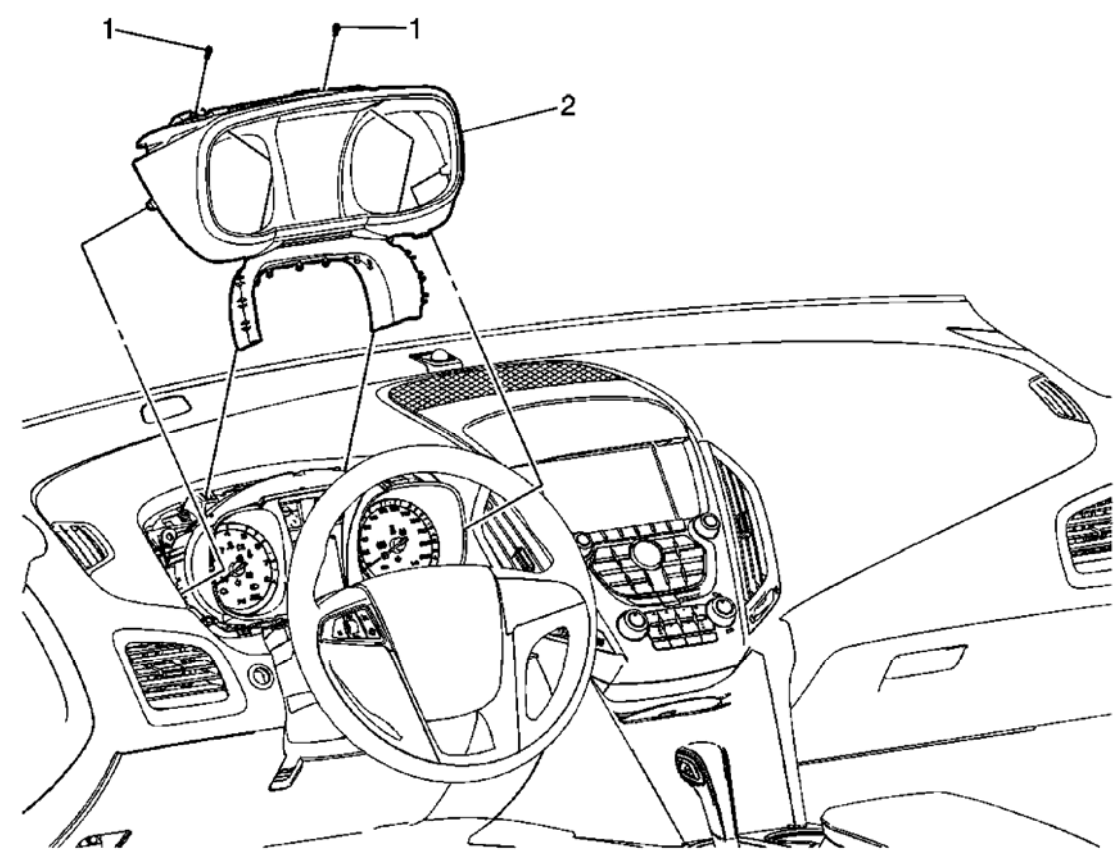


Fig. 20: Instrument Panel Cluster Trim Plate Bezel (Terrain)
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: Remove the instrument panel cluster trim pad. Refer to <u>Instrument Panel Cluster Trim Pad Replacement (Equinox)</u> or <u>Instrument Panel Cluster Trim Pad Replacement (Terrain)</u> .	
1	Instrument Panel Cluster Trim Plate Bezel Fasteners (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> Tighten: 2.5 N.m(22 lb in)
2	Instrument Panel Cluster Trim Plate Bezel Assembly Procedures 1. Use a flat bladed plastic trim tool in order to release the retainer tabs securing the steering column seal to the instrument panel lower trim pad retainer.

2. Use a flat bladed plastic trim tool in order to disengage the retainer clips securing the instrument panel cluster trim bezel to the instrument panel assembly.

INSTRUMENT PANEL LOWER EXTENSION REPLACEMENT (EQUINOX)

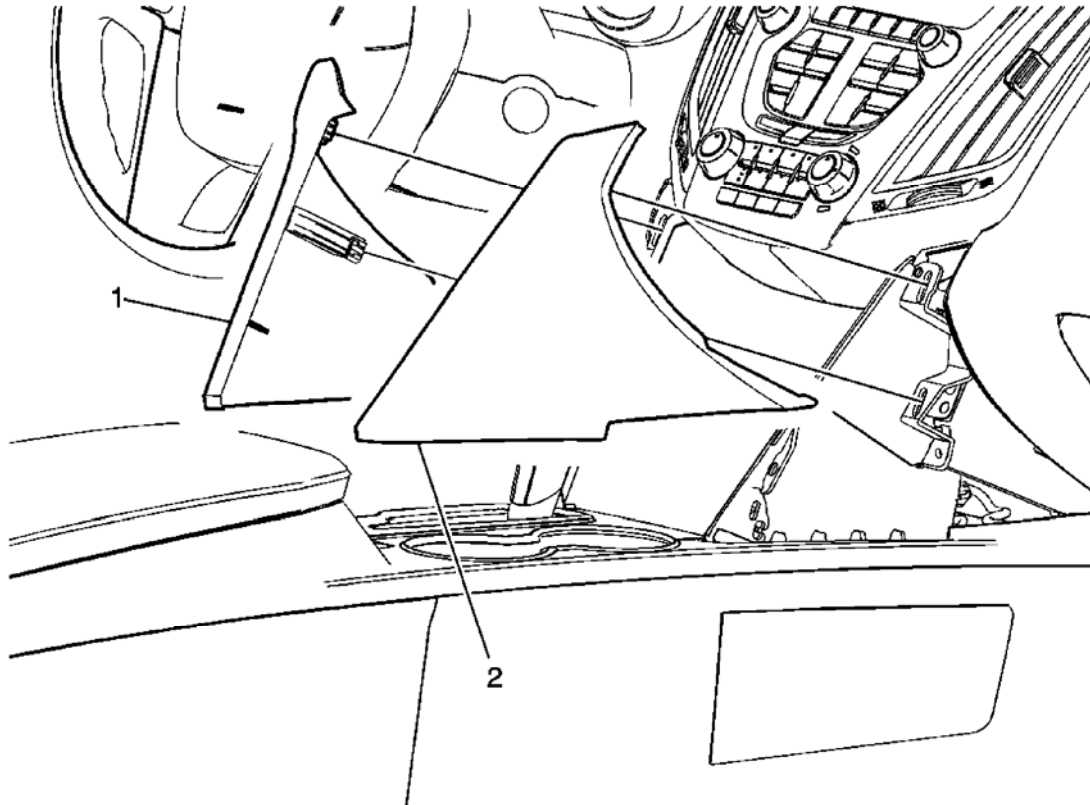


Fig. 21: Instrument Panel Lower Extension (Equinox)

Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Instrument Panel Lower Extension (Left) Procedure: Use a flat bladed plastic trim tool in order to release the retainer clips securing the left instrument panel lower extension to the instrument panel assembly.
2	Instrument Panel Lower Extension (Right) Procedure: Use a flat bladed plastic trim tool in order to release the retainer clips securing the right instrument panel lower extension to the instrument panel assembly.

INSTRUMENT PANEL LOWER EXTENSION REPLACEMENT (TERRAIN)

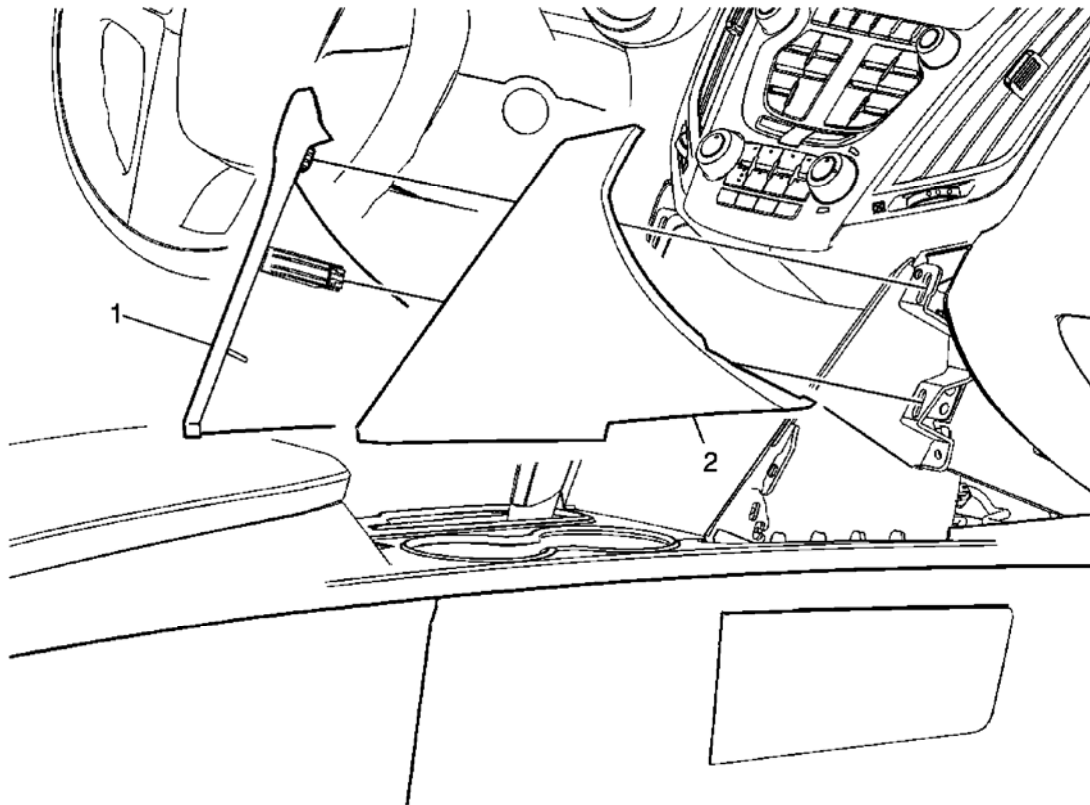


Fig. 22: Instrument Panel Lower Extension (Terrain)
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Instrument Panel Lower Extension (Left) Procedure: Use a flat bladed plastic trim tool in order to release the retainer clips securing the left instrument panel lower extension to the instrument panel assembly.
2	Instrument Panel Lower Extension (Right) Procedure: Use a flat bladed plastic trim tool in order to release the retainer clips securing the right instrument panel lower extension to the instrument panel assembly.

LOWER TRIM PAD RETAINER REPLACEMENT (EQUINOX)

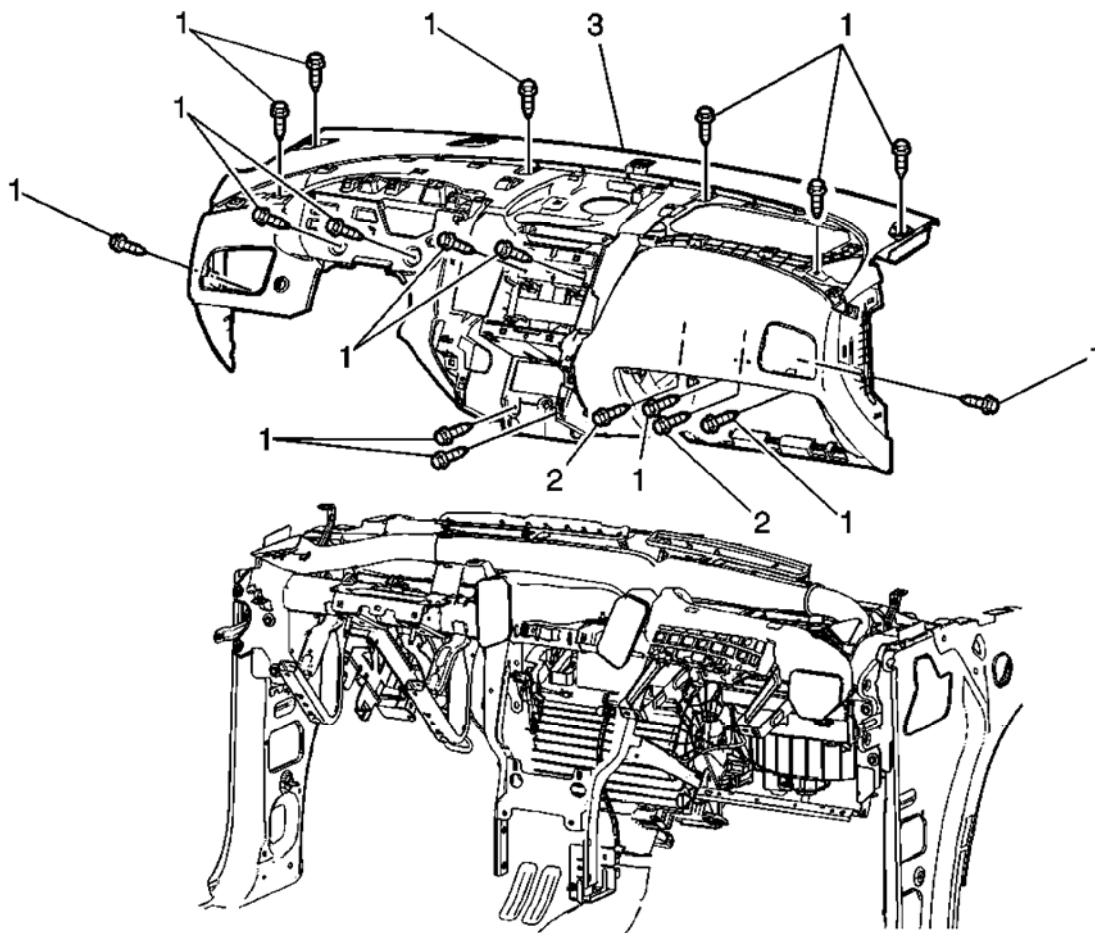


Fig. 23: Lower Trim Pad Retainer (Equinox)
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedures	
1.	Remove the front floor console. Refer to <u>Front Floor Console Replacement</u> .
2.	Remove the instrument panel upper trim panel assembly. Refer to <u>Instrument Panel Upper Trim Panel Replacement (Equinox)</u> or <u>Instrument Panel Upper Trim Panel Replacement (Terrain)</u> .
3.	Remove the radio. Refer to <u>Radio Replacement</u> .
4.	Remove the HVAC control module. Refer to <u>Heater and Air Conditioning Control Replacement</u> .
5.	Remove the left and right windshield side garnish moldings. Refer to <u>Windshield Side Garnish Molding Replacement</u> .
6.	Remove the right and left instrument panel insulator panels. Refer to <u>Instrument Panel Insulator Panel Replacement - Right Side (Equinox)</u> or <u>Instrument Panel Insulator Panel Replacement - Right Side (Terrain)</u> and <u>Instrument Panel Insulator Panel Replacement - Left Side</u> .

(Equinox) or Instrument Panel Insulator Panel Replacement - Left Side (Terrain).

7. Remove the drivers knee bolster assembly. Refer to **Driver Knee Bolster Panel Replacement (Equinox) or Driver Knee Bolster Panel Replacement (Terrain).**
8. Remove the instrument panel drivers knee bolster reinforcement. Refer to **Driver Knee Bolster Reinforcement Replacement (Equinox) or Driver Knee Bolster Reinforcement Replacement (Terrain).**
9. Remove the steering column assembly. Refer to **Steering Column Replacement .**
10. Remove the instrument cluster assembly. Refer to **Instrument Cluster Replacement (Equinox) or Instrument Cluster Replacement (Terrain) .**
11. Remove the left and right instrument panel outer air outlets. Refer to **Instrument Panel Outer Air Outlet Replacement (Equinox) or Instrument Panel Outer Air Outlet Replacement (Terrain) .**
12. Remove the instrument panel lamp dimmer switch. Refer to **Instrument Panel Lamp Dimmer Switch Replacement .**
13. Remove the instrument panel accessory trim plate. Refer to **Instrument Panel Accessory Trim Plate Replacement (Equinox) or Instrument Panel Accessory Trim Plate Replacement (Terrain).**
14. Remove the data link connector from the lower trim panel.

1	Instrument Panel Lower Trim Pad Retainer Fasteners (Qty: 16) CAUTION: Refer to <u>Fastener Caution .</u> Procedure: Remove the trim covers in order to access the right and left upper fasteners. Tighten: 2.5 N.m(22 lb in)
2	Instrument Panel Lower Trim Pad Retainer Fasteners (Qty: 2) Tip: These bolts are located up in the opening of the instrument panel compartment door attaching the instrument panel lower trim pad retainer to the carrier assembly. Tighten: 2.5 N.m(22 lb in)
3	Instrument Panel Lower Trim Pad Retainer Assembly Procedures 1. Note location and routing of the instrument panel wiring harness prior to removing the instrument panel lower trim pad retainer to ensure proper reinstallation. 2. When replacing the instrument panel lower trim pad retainer assembly, transfer all necessary components.

LOWER TRIM PAD RETAINER REPLACEMENT (TERRAIN)

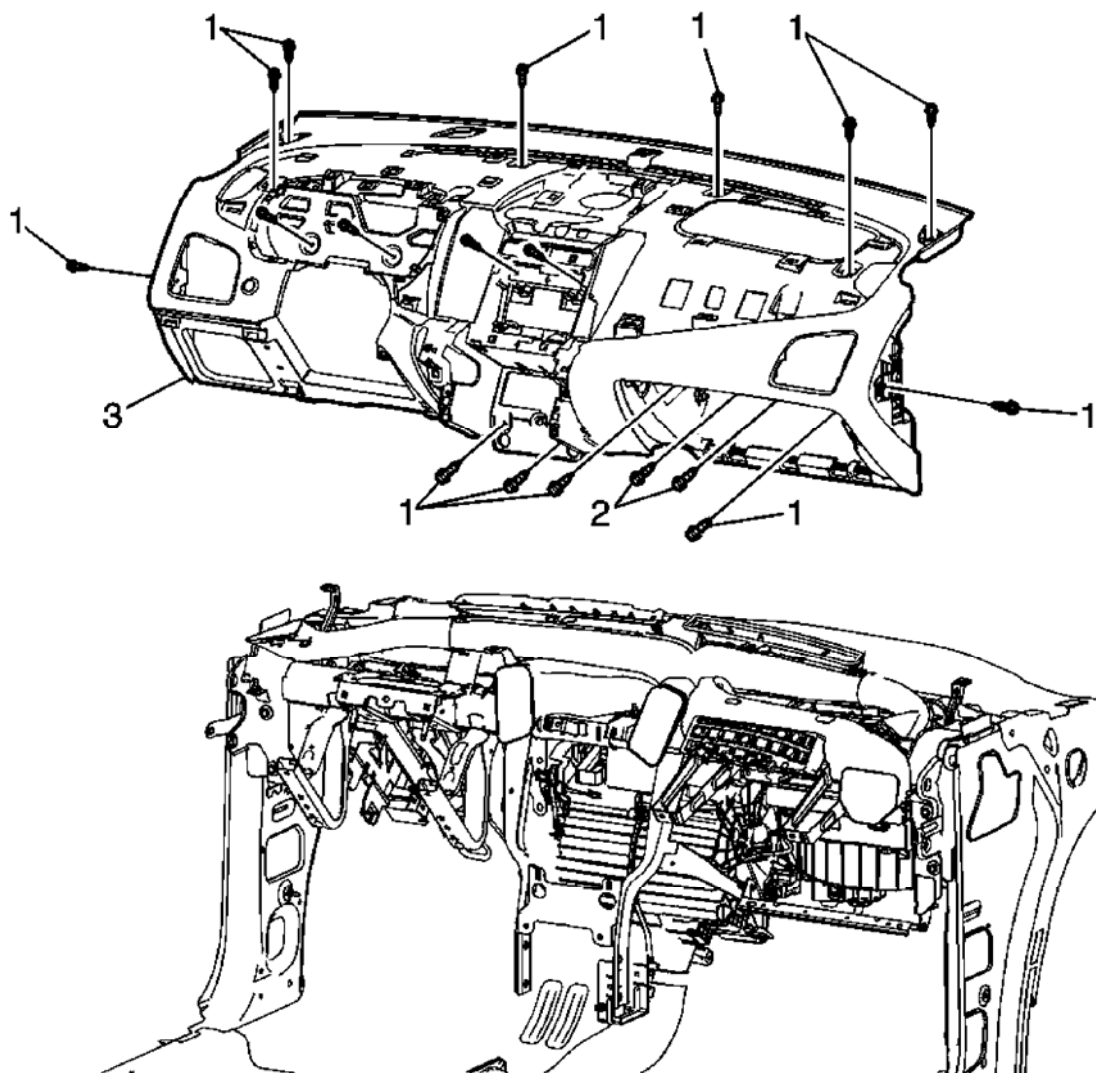


Fig. 24: Lower Trim Pad Retainer (Terrain)
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedures	
1.	Remove the front floor console. Refer to <u>Front Floor Console Replacement</u> .
2.	Remove the instrument panel upper trim panel assembly. Refer to <u>Instrument Panel Upper Trim Panel Replacement (Equinox)</u> or <u>Instrument Panel Upper Trim Panel Replacement (Terrain)</u> .
3.	Remove the radio. Refer to <u>Radio Replacement</u> .
4.	Remove the HVAC control module. Refer to <u>Heater and Air Conditioning Control Replacement</u> or <u>Heater and Air Conditioning Control Replacement (Equinox)</u> or <u>Heater and Air Conditioning Control Replacement (Terrain)</u> .

5. Remove the left and right windshield side garnish moldings. Refer to **Windshield Side Garnish Molding Replacement** .
6. Remove the right and left instrument panel insulator panels. Refer to **Instrument Panel Insulator Panel Replacement - Right Side (Equinox)** or **Instrument Panel Insulator Panel Replacement - Right Side (Terrain)** and **Instrument Panel Insulator Panel Replacement - Left Side (Equinox)** or **Instrument Panel Insulator Panel Replacement - Left Side (Terrain)**.
7. Remove the drivers knee bolster assembly. Refer to **Driver Knee Bolster Panel Replacement (Equinox)** or **Driver Knee Bolster Panel Replacement (Terrain)**.
8. Remove the instrument panel drivers knee bolster reinforcement. Refer to **Driver Knee Bolster Reinforcement Replacement (Equinox)** or **Driver Knee Bolster Reinforcement Replacement (Terrain)**.
9. Remove the steering column assembly. Refer to **Steering Column Replacement** .
10. Remove the instrument cluster assembly. Refer to **Instrument Cluster Replacement (Equinox)** or **Instrument Cluster Replacement (Terrain)** .
11. Remove the left and right instrument panel outer air outlets. Refer to **Instrument Panel Outer Air Outlet Replacement (Equinox)** or **Instrument Panel Outer Air Outlet Replacement (Terrain)** .
12. Remove the data link connector from the lower trim panel.

1	Instrument Panel Lower Trim Pad Retainer Fasteners (Qty: 16) CAUTION: Refer to <u>Fastener Caution</u> . Procedure: Remove the trim covers in order to access the right and left upper fasteners. Tighten: 2.5 N.m(22 lb in)
2	Instrument Panel Lower Trim Pad Retainer Fasteners (Qty: 2) Tip: These bolts are located up in the opening of the instrument panel compartment door attaching the instrument panel lower trim pad retainer to the carrier assembly. Tighten: 2.5 N.m(22 lb in)
3	Instrument Panel Lower Trim Pad Retainer Assembly Procedures 1. Note location and routing of the instrument panel wiring harness prior to removing the instrument panel lower trim pad retainer to ensure proper reinstallation. 2. When replacing the instrument panel lower trim pad retainer assembly, transfer all necessary components.

INSTRUMENT PANEL CENTER COMPARTMENT REPLACEMENT (EQUINOX)

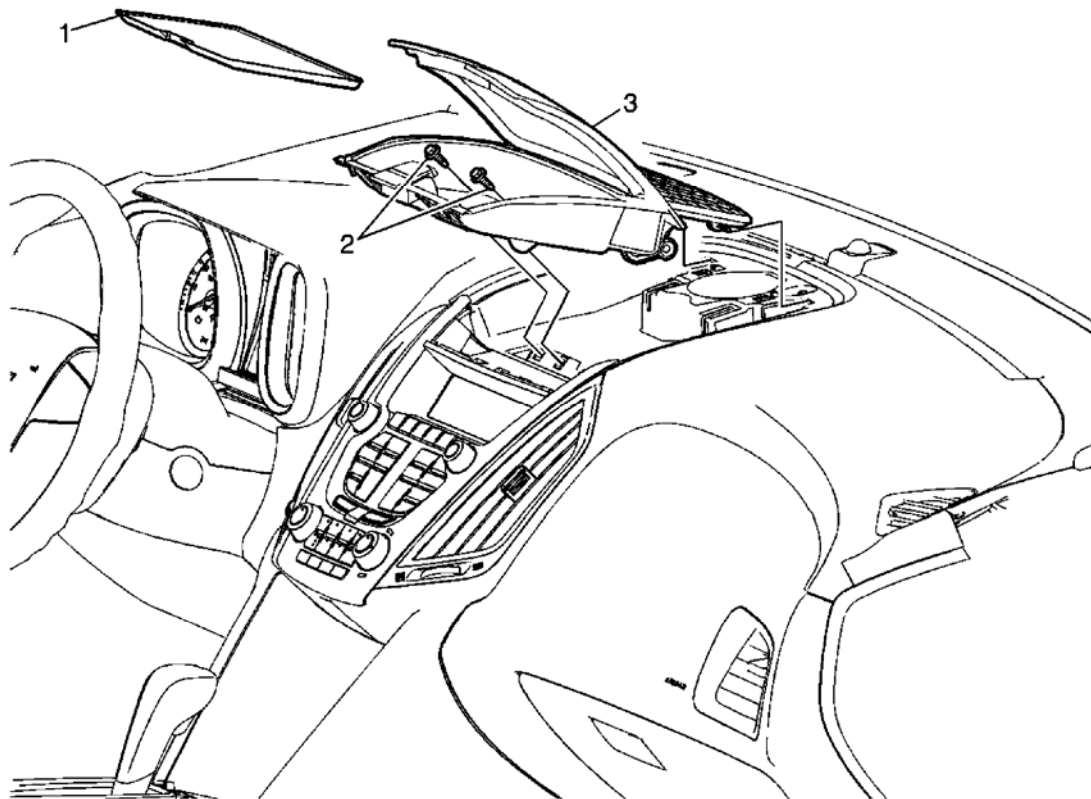


Fig. 25: Instrument Panel Center Compartment (Equinox)
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Instrument Panel Center Compartment Liner
2	Instrument Panel Center Compartment Fasteners (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> . Tighten: 2.5 N.m(22 lb in)
3	Instrument Panel Center Compartment Assembly

INSTRUMENT PANEL CENTER COMPARTMENT REPLACEMENT (TERRAIN)

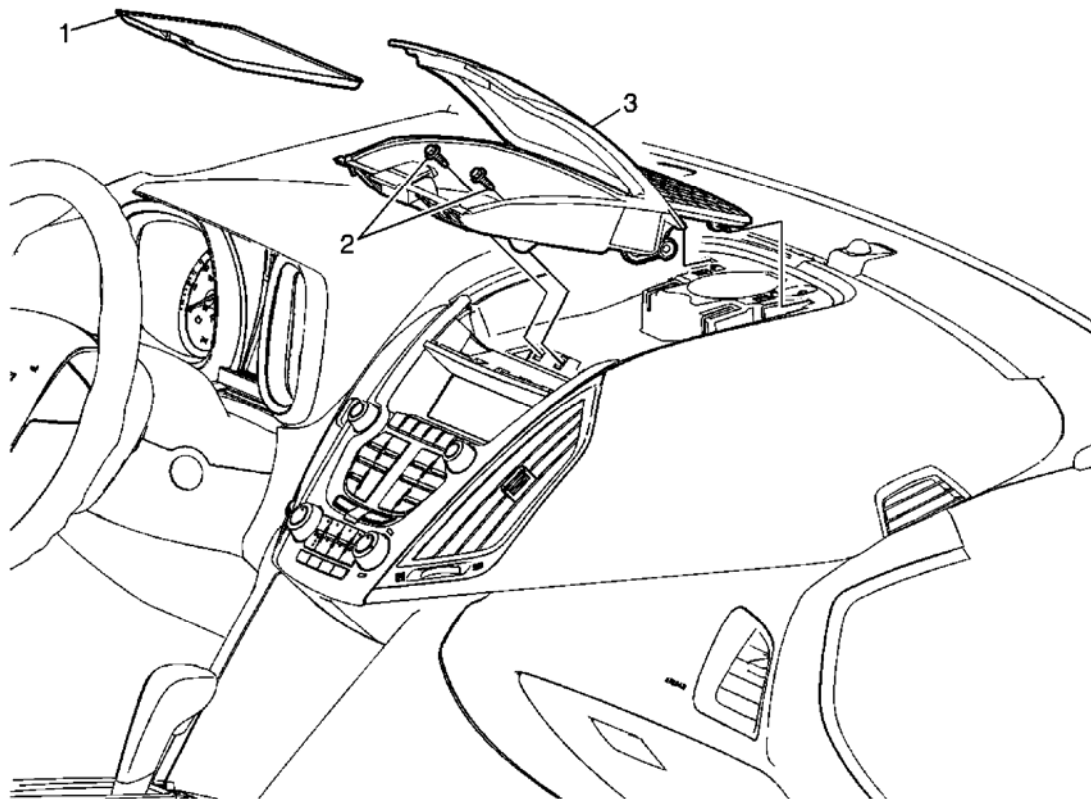


Fig. 26: Instrument Panel Center Compartment (Terrain)
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Instrument Panel Center Compartment Liner
2	Instrument Panel Center Compartment Fasteners (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> . Tighten: 2.5 N.m(22 lb in)
3	Instrument Panel Center Compartment Assembly

INSTRUMENT PANEL CENTER COMPARTMENT BRACKET REPLACEMENT (EQUINOX)

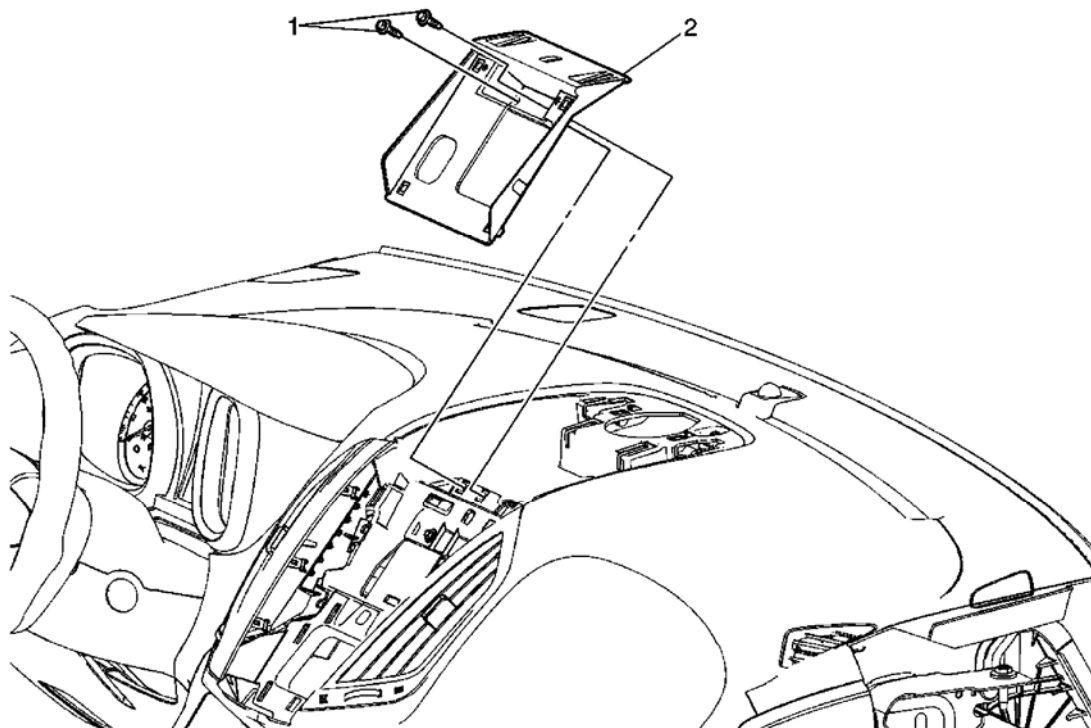


Fig. 27: Instrument Panel Center Compartment Bracket (Equinox)
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedures 1. Remove the instrument panel upper center trim panel. Refer to <u>Instrument Panel Upper Center Trim Panel Replacement (Equinox)</u> or <u>Instrument Panel Upper Center Trim Panel Replacement (Terrain)</u>. 2. Remove the radio control assembly. Refer to <u>Radio Control Assembly Replacement</u>. 3. Remove the radio, video, audio disc player, and navigational information display. Refer to <u>Radio, Video, Audio Disc Player, and Navigation Information Display Replacement</u>.	
1	Instrument Panel Center Compartment Bracket Fasteners (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u>. Tighten: 2.5 N.m(22 lb in)
2	Instrument Panel Center Compartment Bracket

INSTRUMENT PANEL CENTER COMPARTMENT BRACKET REPLACEMENT (TERRAIN)

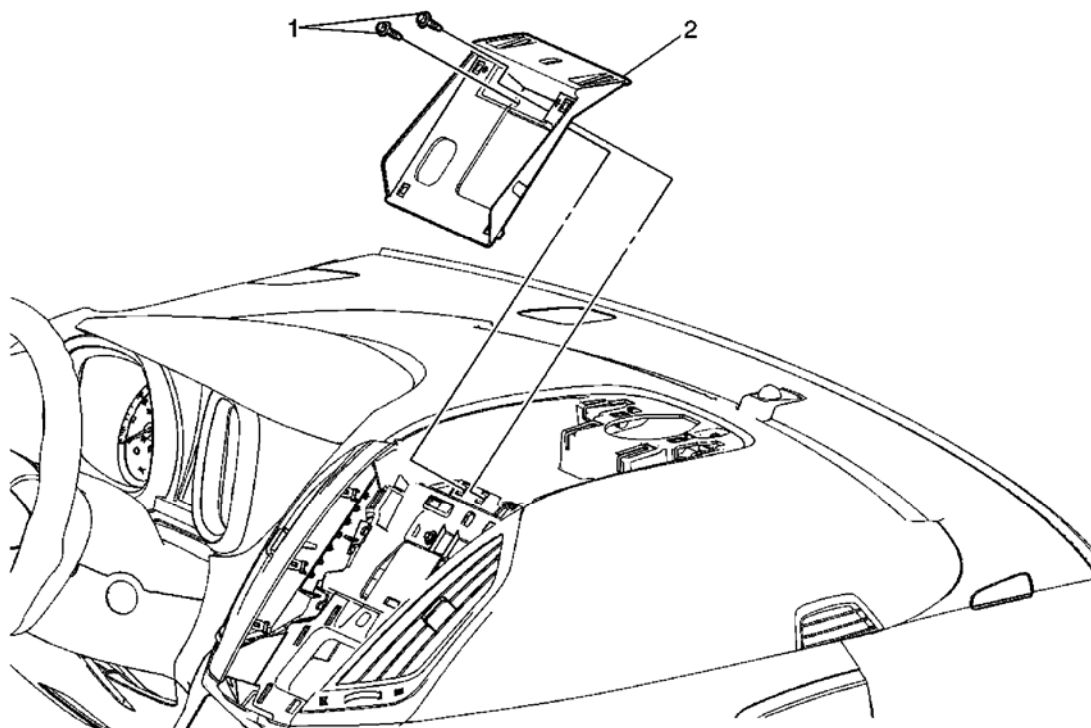


Fig. 28: Instrument Panel Center Compartment Bracket (Terrain)
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedures 1. Remove the instrument panel upper center trim panel. Refer to <u>Instrument Panel Upper Center Trim Panel Replacement (Equinox)</u> or <u>Instrument Panel Upper Center Trim Panel Replacement (Terrain)</u>. 2. Remove the radio control assembly. Refer to <u>Radio Control Assembly Replacement</u>. 3. Remove the radio, video, audio disc player, and navigational information display. Refer to <u>Radio, Video, Audio Disc Player, and Navigation Information Display Replacement</u>.	
1	Instrument Panel Center Compartment Bracket Fasteners (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> . Tighten: 2.5 N.m(22 lb in)
2	Instrument Panel Center Compartment Bracket

INSTRUMENT PANEL COMPARTMENT DOOR REPLACEMENT (EQUINOX)

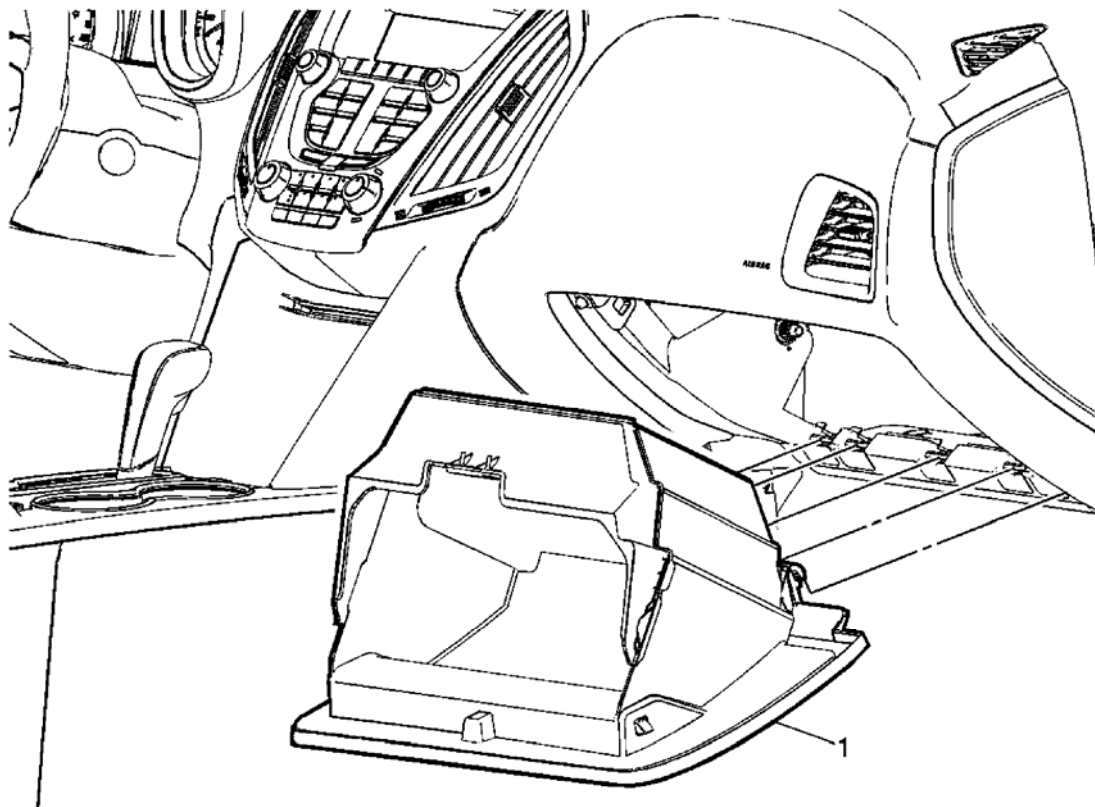


Fig. 29: Instrument Panel Compartment Door (Equinox)
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Instrument Panel Compartment Door Assembly Preliminary Procedures 1. Open the instrument panel compartment door to its fullest open position. 2. Locate the instrument panel compartment door stop along the upper edge of the instrument panel compartment door. 3. Push the instrument panel compartment door stop upward allowing the instrument panel compartment door to open past the stopping point. 4. Unsnap the instrument panel compartment door assembly from the instrument panel assembly.

INSTRUMENT PANEL COMPARTMENT DOOR REPLACEMENT (TERRAIN)

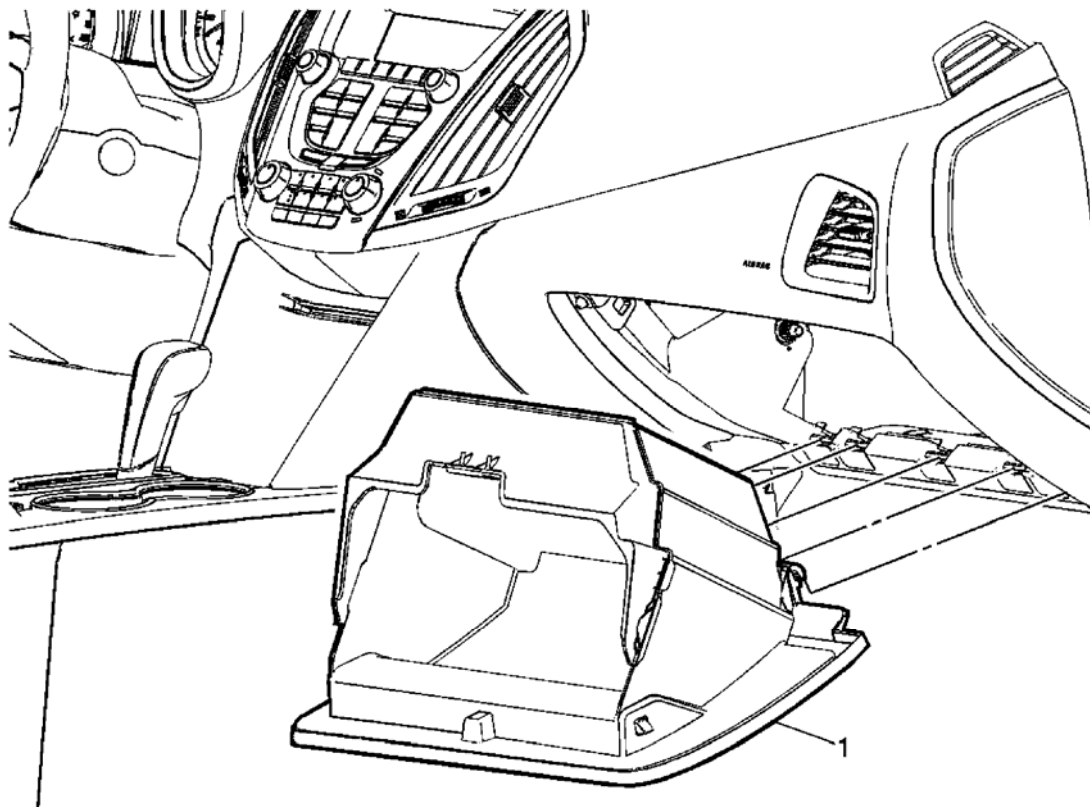


Fig. 30: Instrument Panel Compartment Door (Terrain)
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Instrument Panel Compartment Door Assembly Preliminary Procedures 1. Open the instrument panel compartment door to its fullest open position. 2. Locate the instrument panel compartment door stop along the upper edge of the instrument panel compartment door. 3. Push the instrument panel compartment door stop upward allowing the instrument panel compartment door to open past the stopping point. 4. Unsnap the instrument panel compartment door assembly from the instrument panel assembly.

INSTRUMENT PANEL COMPARTMENT DOOR LATCH REPLACEMENT

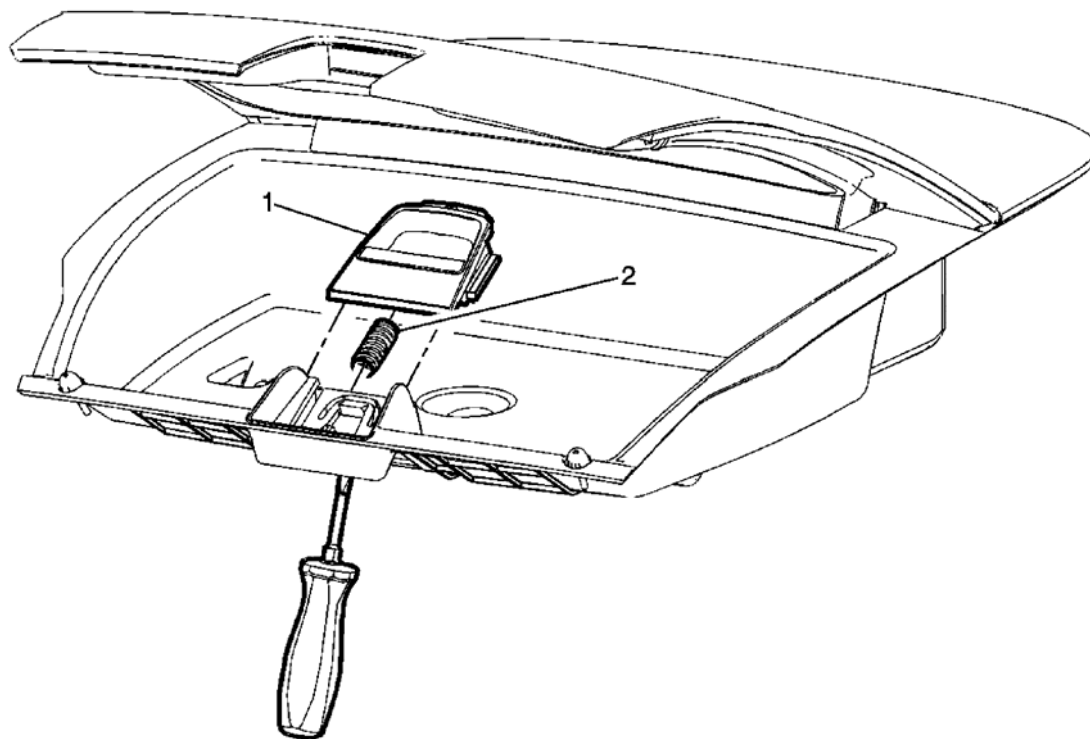


Fig. 31: Instrument Panel Center Compartment Door Latch
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: Remove the instrument panel center compartment. Refer to <u>Instrument Panel Center Compartment Replacement (Equinox)</u> or <u>Instrument Panel Center Compartment Replacement (Terrain)</u> .	
1	Instrument Panel Center Compartment Latch Assembly Procedure 1. Use a small flat bladed tool and push up on the bottom of the latch assembly until the latch clears the retainer tab. 2. Slide the latch assembly forward, out of the compartment assembly.
2	Instrument Panel Center Compartment Latch Spring

INSTRUMENT PANEL COMPARTMENT DOOR DAMPENER REPLACEMENT (EQUINOX)

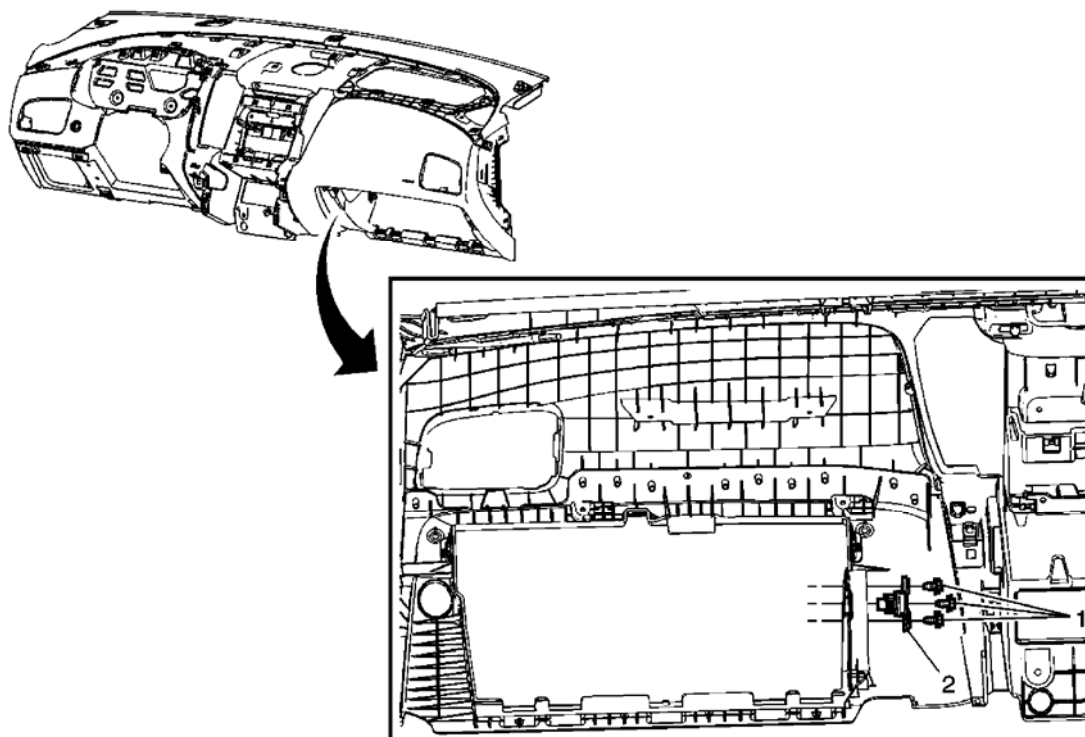


Fig. 32: Instrument Panel Compartment Door Dampener (Equinox)
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure 1. Remove the instrument panel compartment door assembly. Refer to <u>Instrument Panel Compartment Door Replacement (Equinox)</u> or <u>Instrument Panel Compartment Door Replacement (Terrain)</u>. 2. Remove the right instrument panel center air outlet. Refer to <u>Instrument Panel Center Air Outlet Replacement (Equinox)</u> or <u>Instrument Panel Center Air Outlet Replacement (Terrain)</u>.	
1	Instrument Panel Compartment Door Dampener Fasteners (Qty: 3) CAUTION: Refer to <u>Fastener Caution</u> . Tighten: 2.5 N.m(22 lb in)
2	Instrument Panel Compartment Door Dampener

INSTRUMENT PANEL COMPARTMENT DOOR DAMPENER REPLACEMENT (TERRAIN)

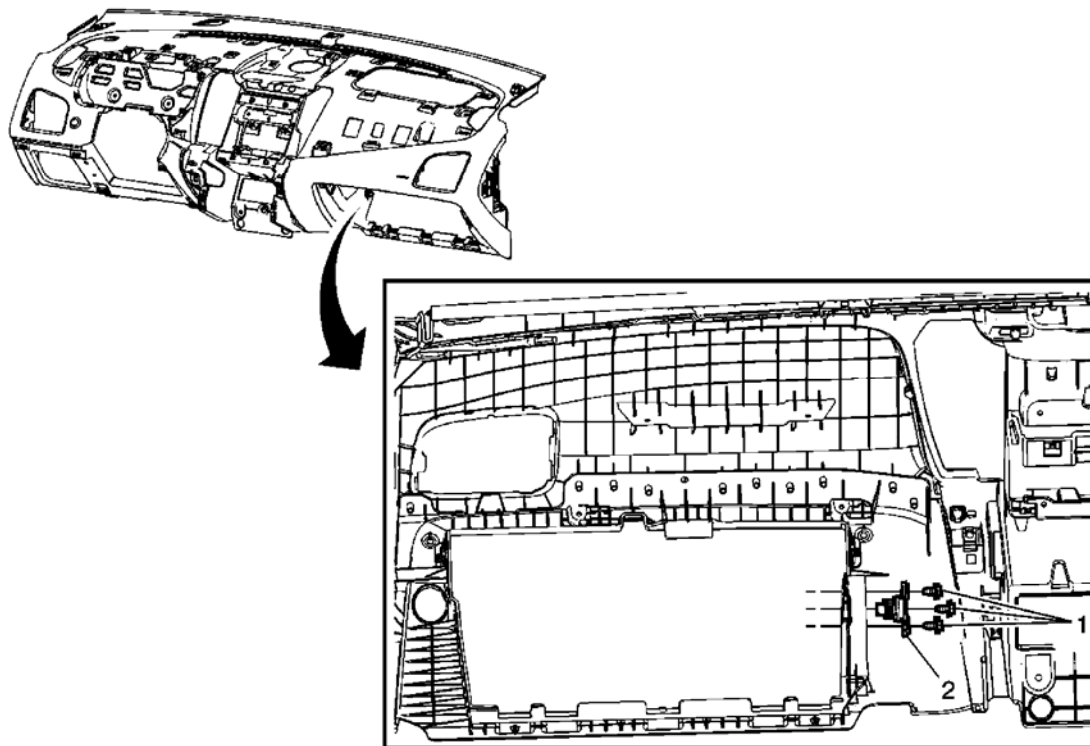


Fig. 33: Instrument Panel Compartment Door Dampener (Terrain)
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure 1. Remove the instrument panel compartment door assembly. Refer to <u>Instrument Panel Compartment Door Replacement (Equinox)</u> or <u>Instrument Panel Compartment Door Replacement (Terrain)</u>. 2. Remove the right instrument panel center air outlet. Refer to <u>Instrument Panel Center Air Outlet Replacement (Equinox)</u> or <u>Instrument Panel Center Air Outlet Replacement (Terrain)</u>.	
1	Instrument Panel Compartment Door Dampener Fasteners (Qty: 3) CAUTION: Refer to <u>Fastener Caution</u> . Tighten: 2.5 N.m(22 lb in)
2	Instrument Panel Compartment Door Dampener

INSTRUMENT PANEL LOWER EXTENSION ACCESSORY BEZEL REPLACEMENT (EQUINOX)

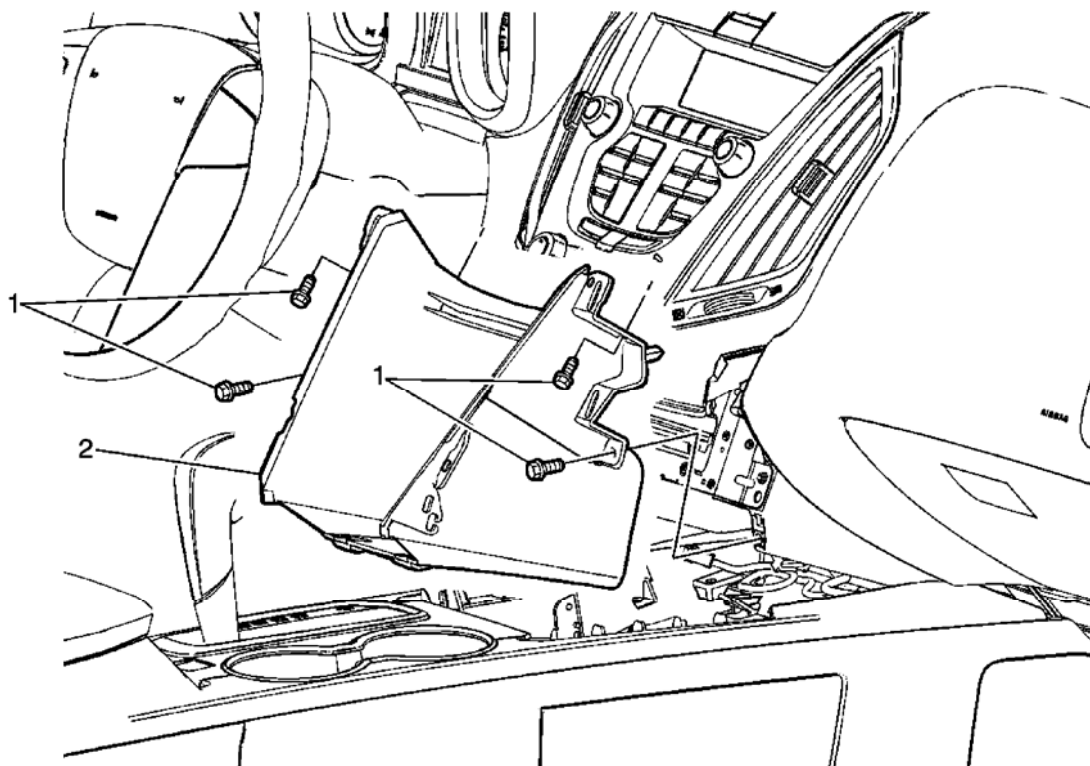


Fig. 34: Instrument Panel Lower Extension Accessory Bezel (Equinox)
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure 1. Set the parking brake. 2. Move the shift control knob to the most rearward position. 3. Remove the right and left instrument panel lower extensions. Refer to <u>Instrument Panel Lower Extension Replacement (Equinox)</u> or <u>Instrument Panel Lower Extension Replacement (Terrain)</u>.	
1	Instrument Panel Lower Extension Accessory Bezel Fasteners (Qty: 4) CAUTION: Refer to <u>Fastener Caution</u> . Tighten:: 2.5 N.m(22 lb in)
2	Instrument Panel Lower Extension Accessory Bezel Assembly Procedures 1. Disconnect the electrical connections.

2. When replacing the instrument panel lower extension accessory bezel, transfer all necessary components.

INSTRUMENT PANEL LOWER EXTENSION ACCESSORY BEZEL REPLACEMENT (TERRAIN)

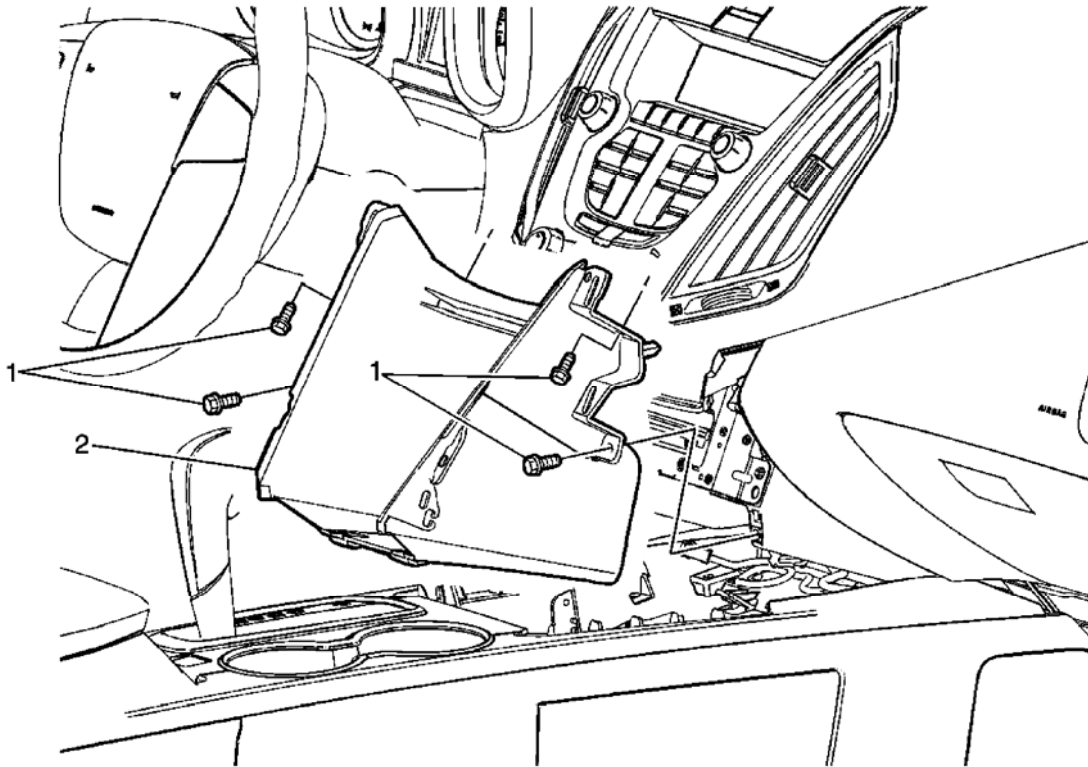


Fig. 35: Instrument Panel Lower Extension Accessory Bezel (Terrain)
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure	
1. Set the parking brake. 2. Move the shift control knob to the most rearward position. 3. Remove the right and left instrument panel lower extensions. Refer to <u>Instrument Panel Lower Extension Replacement (Equinox)</u> or <u>Instrument Panel Lower Extension Replacement (Terrain)</u>.	
1	Instrument Panel Lower Extension Accessory Bezel Fasteners (Qty: 4) CAUTION: Refer to <u>Fastener Caution</u> . Tighten:: 2.5 N.m(22 lb in)

Instrument Panel Lower Extension Accessory Bezel Assembly

2

Procedures

1. Disconnect the electrical connections.
2. When replacing the instrument panel lower extension accessory bezel, transfer all necessary components.

INSTRUMENT CARRIER REPLACEMENT (EQUINOX)

Removal Procedure

1. Remove the instrument panel lower trim pad retainer assembly. Refer to **Lower Trim Pad Retainer Replacement (Equinox)** or **Lower Trim Pad Retainer Replacement (Terrain)**.
2. Remove the left and right air distributor outer ducts. Refer to **Air Distributor Outer Duct Replacement - Left Side** and **Air Distributor Outer Duct Replacement - Right Side**.
3. Remove the center air outlet duct. Refer to **Instrument Panel Center Air Outlet Duct Replacement**.
4. Remove the left and right side window defogger outlet ducts. Refer to **Side Window Defogger Outlet Duct Replacement - Left Side** and **Side Window Defogger Outlet Duct Replacement - Right Side**.
5. Remove the windshield defroster duct. Refer to **Windshield Defroster Duct Replacement**.
6. Remove the communication interface module. Refer to **Communication Interface Module Replacement**.
7. Remove the radio speaker amplifier. Refer to **Radio Speaker Amplifier Replacement**.
8. Remove the body control module. Refer to **Body Control Module Replacement**.
9. Remove the instrument wiring harness junction block from its bracket. Refer to **Instrument Panel Wiring Harness Junction Block Replacement**.
10. Disconnect the ground wire connected to the instrument wiring harness junction block bracket.

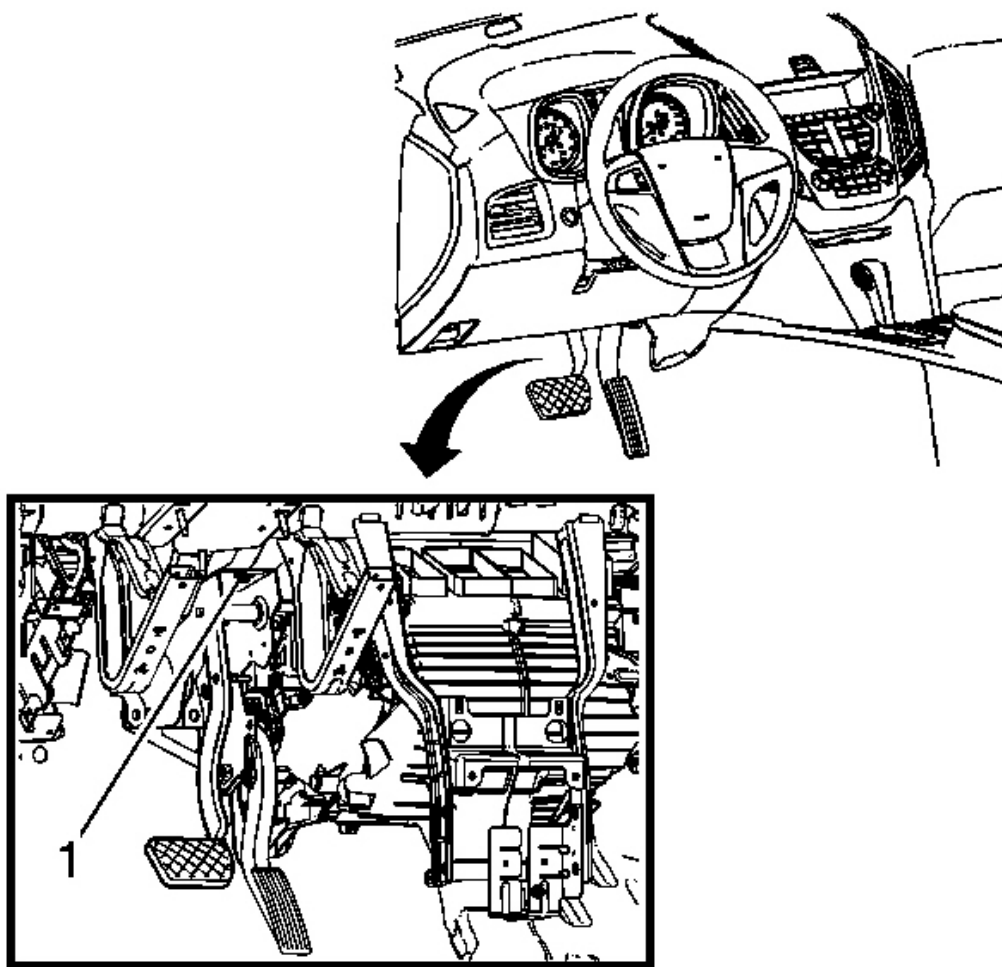


Fig. 36: Identifying Bolt Securing Brake Pedal Bracket
Courtesy of GENERAL MOTORS CORP.

11. Remove the bolt (1) securing the brake pedal bracket to the instrument panel carrier assembly.

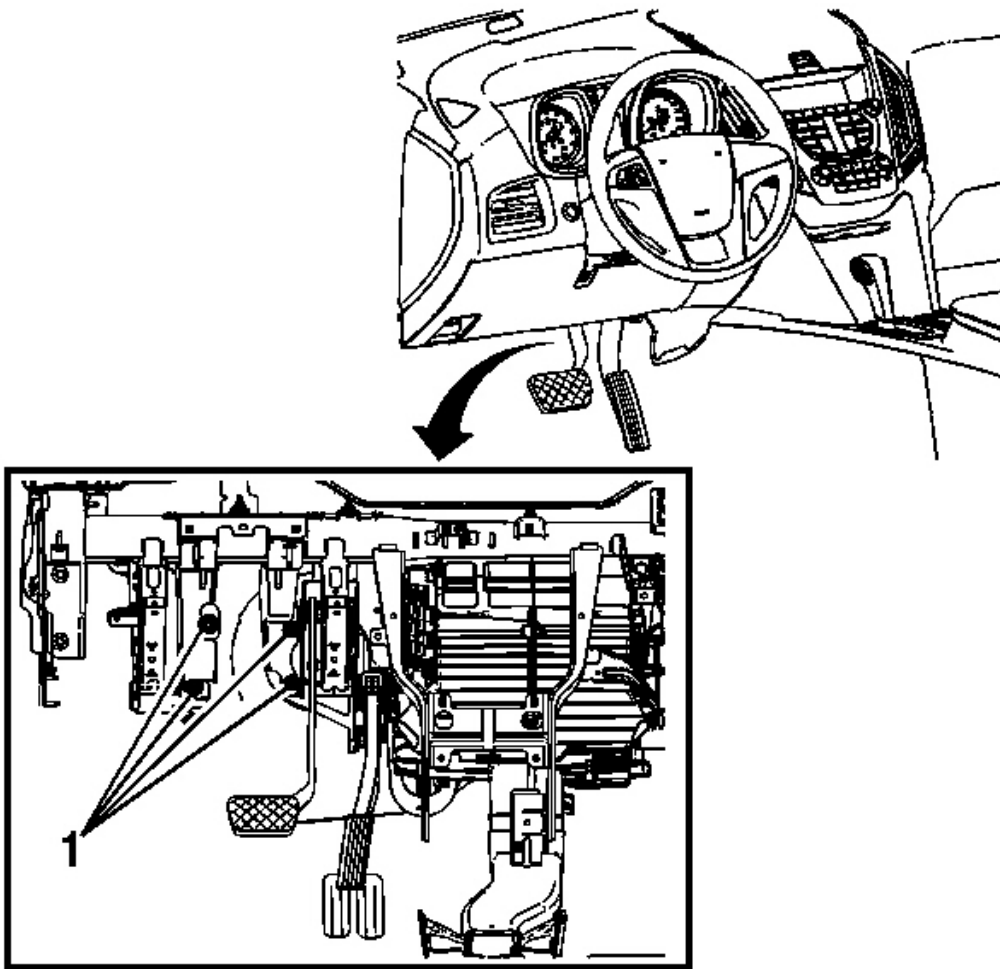


Fig. 37: Identifying Nuts Securing Instrument Panel Carrier Assembly To Mod Plate
Courtesy of GENERAL MOTORS CORP.

12. Remove the nuts (1) securing the instrument panel carrier assembly to the mod plate.

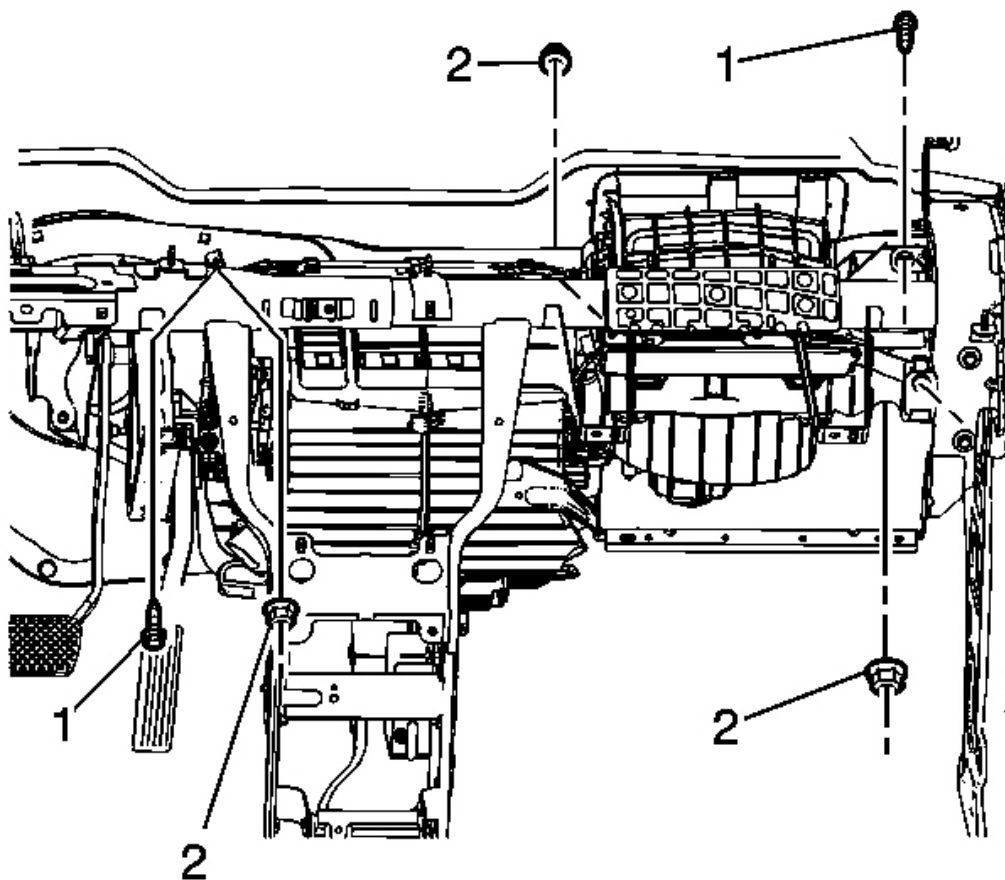


Fig. 38: View Of HVAC Module

Courtesy of GENERAL MOTORS CORP.

13. Remove the bolts (1) securing the HVAC module to the instrument panel carrier assembly.
14. Remove the nuts (2) securing the HVAC module to the instrument panel carrier assembly.

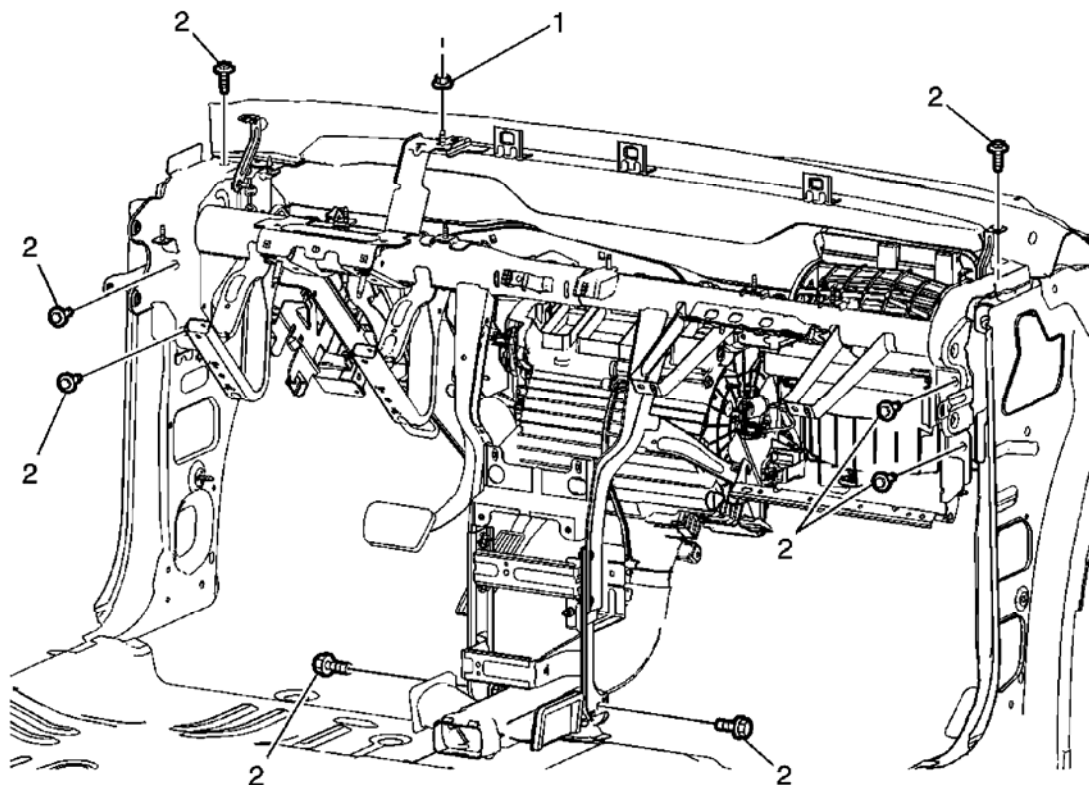


Fig. 39: Identifying Nut & Bolts Securing Instrument Panel Carrier Assembly To Vehicle Body
Courtesy of GENERAL MOTORS CORP.

15. Remove the nut (1) securing the instrument panel carrier assembly to the vehicle body.
16. Remove the bolts (2) securing the instrument panel carrier assembly to the vehicle body.
17. Note the location and routing of the instrument panel wiring harness to ensure proper reinstallation.
18. Disconnect the instrument panel wiring harness fasteners from the instrument panel carrier assembly and route the wiring harness out of the way.
19. Adequately support the HVAC module in order to prevent damage.

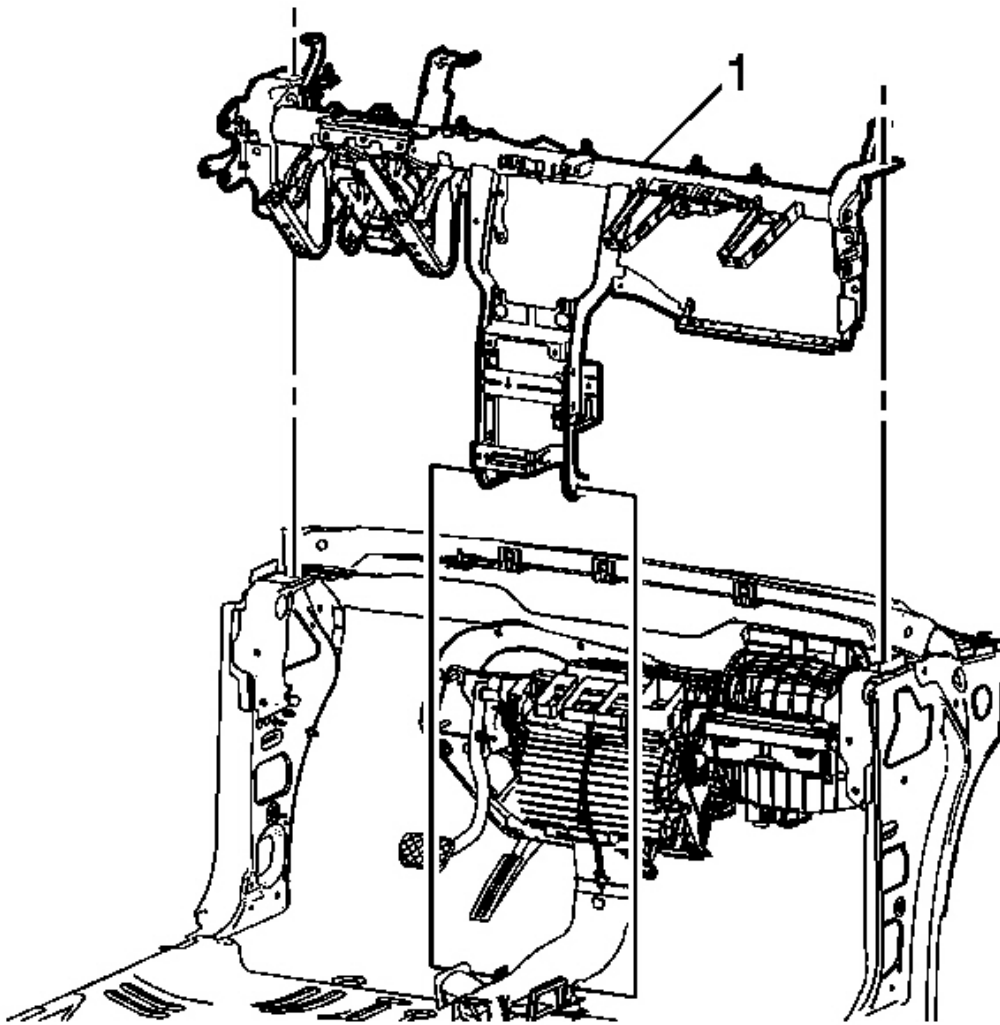


Fig. 40: Instrument Panel Carrier
Courtesy of GENERAL MOTORS CORP.

20. Remove the instrument panel carrier from the vehicle.
21. If replacing the instrument panel carrier assembly, transfer all necessary components to the new carrier assembly.

Installation Procedure

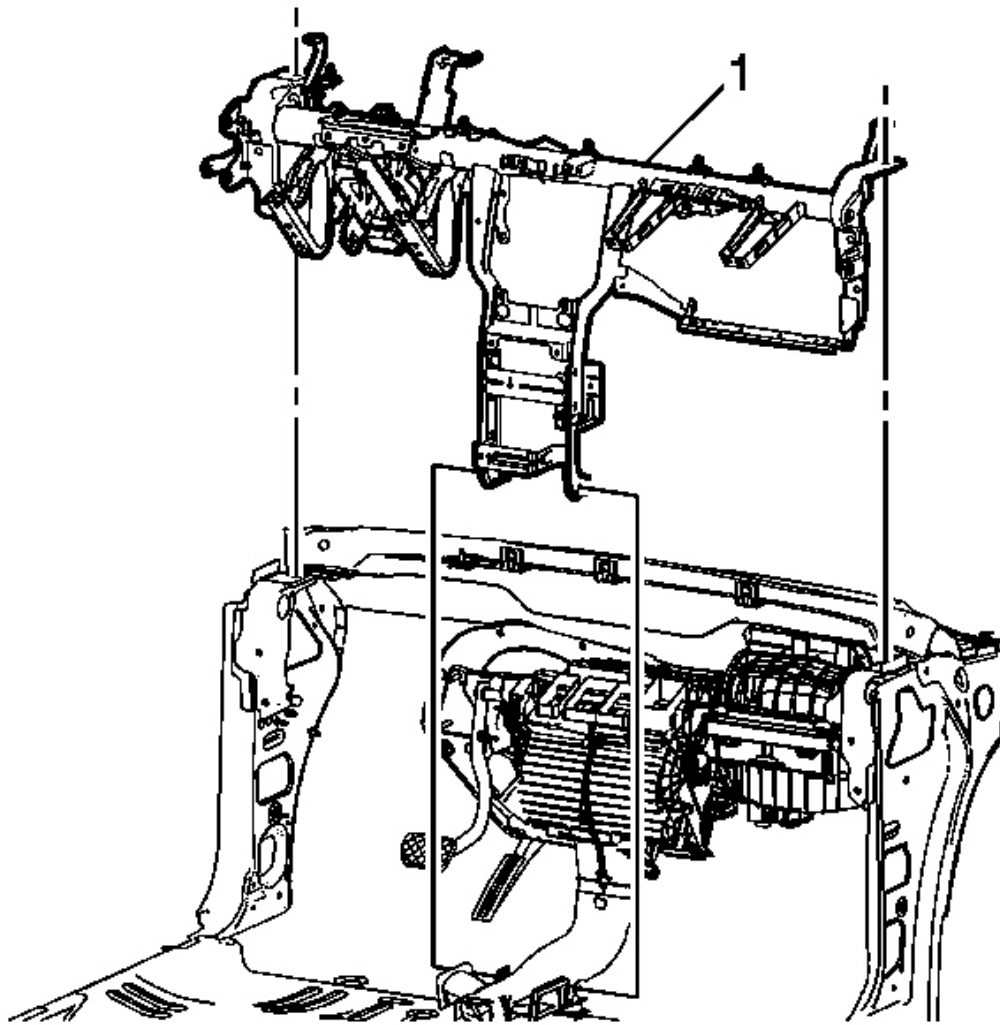


Fig. 41: Instrument Panel Carrier
Courtesy of GENERAL MOTORS CORP.

1. Position the instrument panel carrier in the vehicle.
2. Reposition the instrument panel wiring harness as was noted in the removal procedure and reattach the wiring harness to the instrument panel carrier assembly.

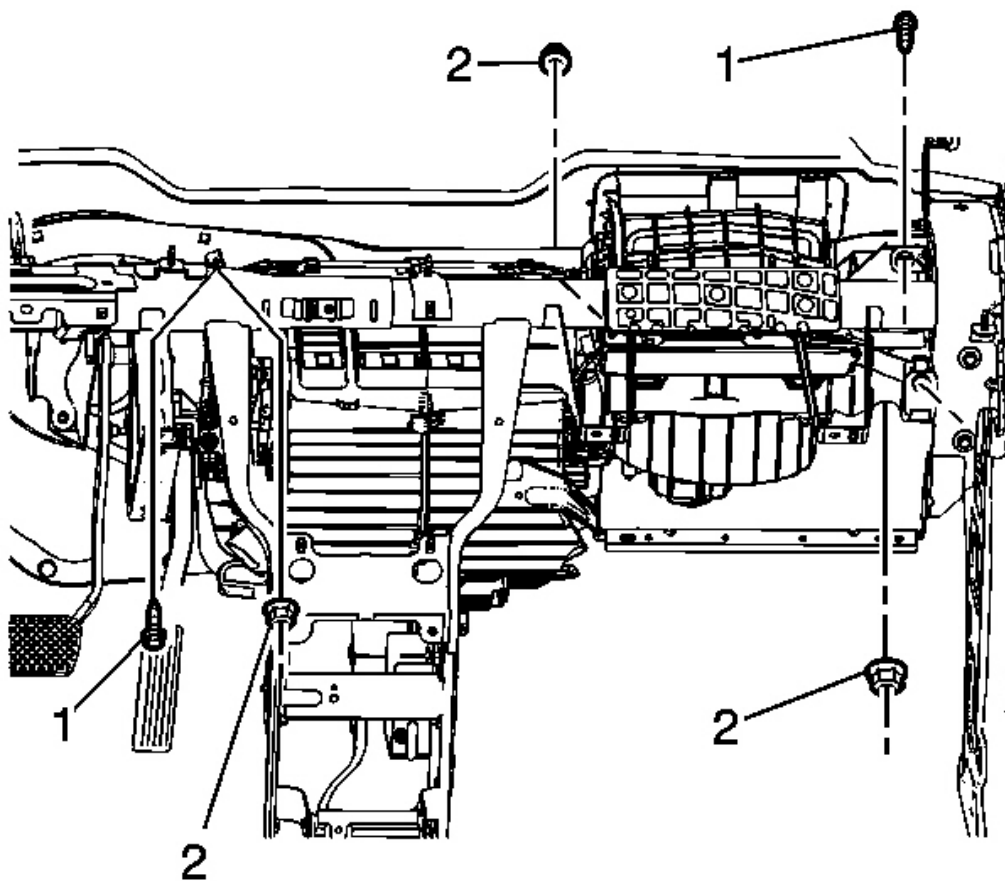


Fig. 42: View Of HVAC Module
Courtesy of GENERAL MOTORS CORP.

3. Loosely install the bolts (1) securing the HVAC module to the instrument panel carrier assembly.
4. Loosely install the nuts (2) securing the HVAC module to the instrument panel carrier assembly.

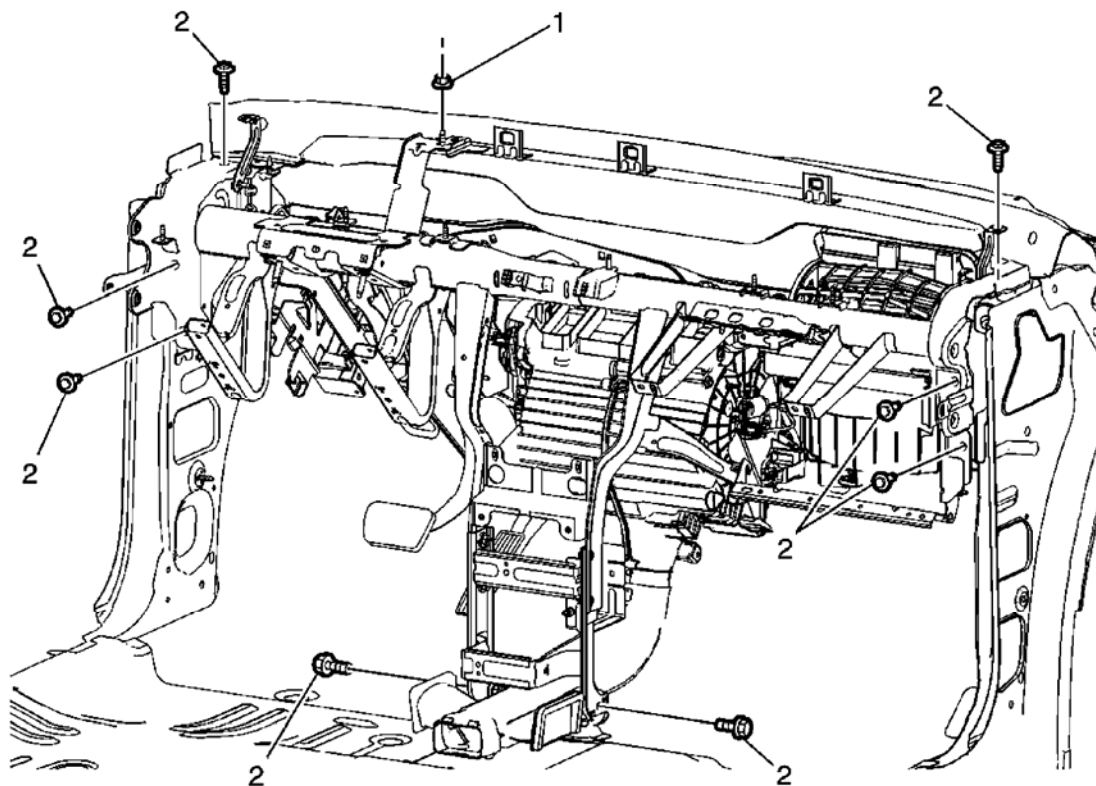


Fig. 43: Identifying Nut & Bolts Securing Instrument Panel Carrier Assembly To Vehicle Body
Courtesy of GENERAL MOTORS CORP.

5. Loosely install the bolts (2) securing the instrument panel carrier assembly to the vehicle body.
6. Loosely install the nut (1) securing the instrument panel carrier assembly to the vehicle body.

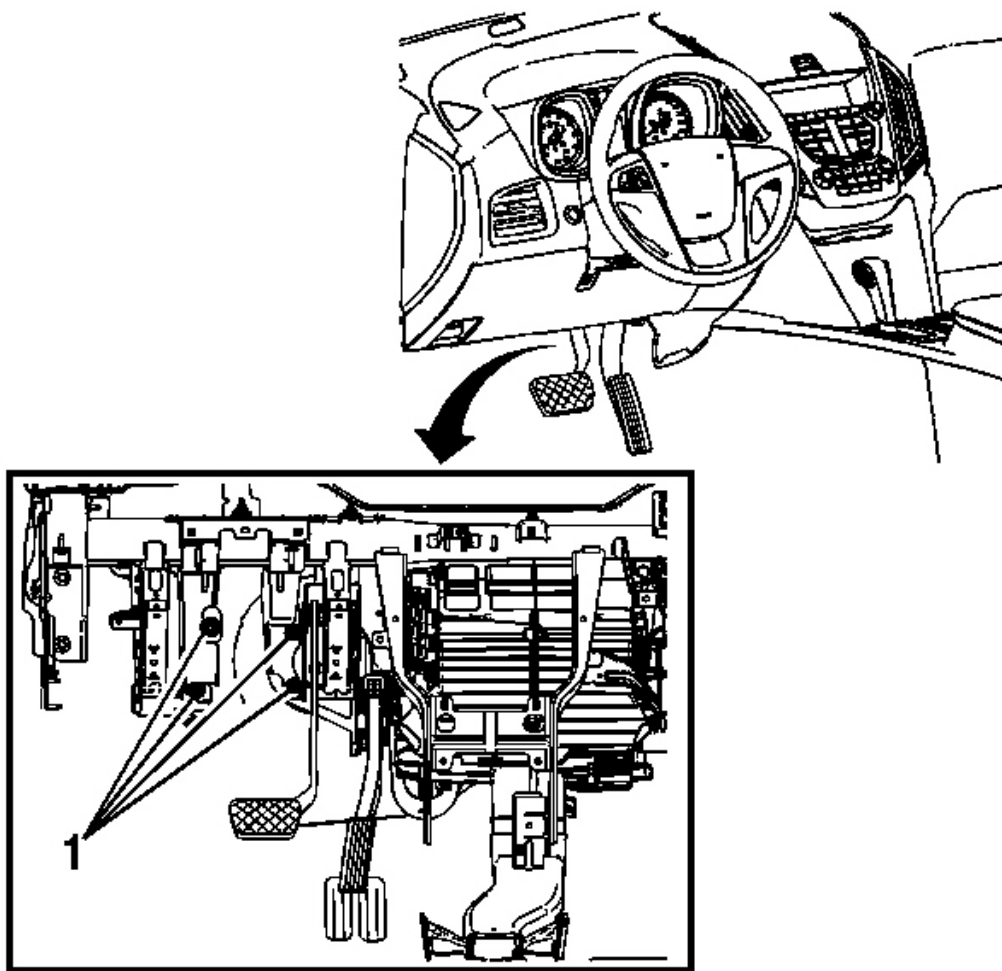


Fig. 44: Identifying Nuts Securing Instrument Panel Carrier Assembly To Mod Plate
Courtesy of GENERAL MOTORS CORP.

7. Loosely install the nuts (1) securing the instrument panel carrier assembly to the mod plate.

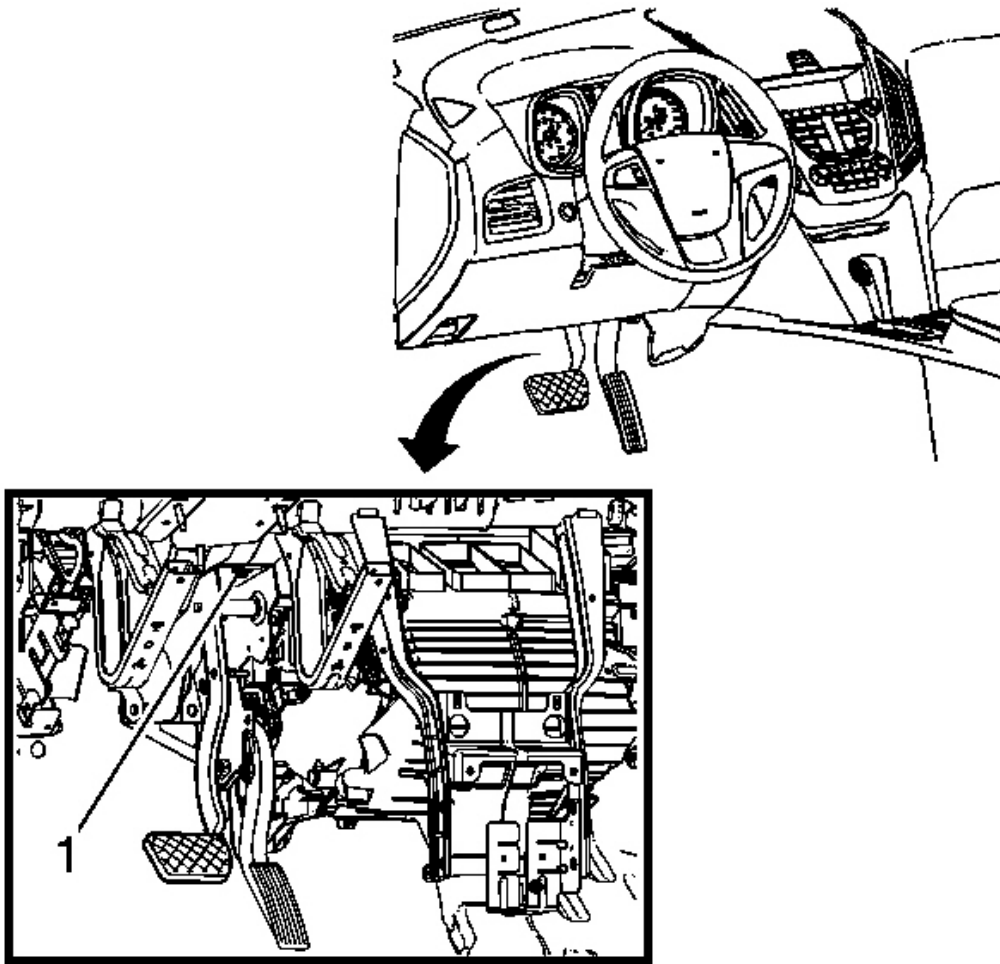


Fig. 45: Identifying Bolt Securing Brake Pedal Bracket
Courtesy of GENERAL MOTORS CORP.

8. Loosely install the bolt (1) securing the brake pedal bracket to the instrument panel carrier assembly.

CAUTION: Refer to Fastener Caution .

9. Tighten the bolts and the nuts securing the HVAC module to the instrument panel carrier assembly to 6 N.m(53 lb in).
10. Tighten the bolt securing the brake pedal bracket to the instrument panel carrier assembly to 22 N.m(16 lb ft).

11. Tighten the nuts securing the instrument panel carrier assembly to the mod plate to 22 N.m(16 lb ft).
12. Tighten the bolts and the nut securing the instrument panel carrier assembly to the vehicle body to 22 N.m(16 lb ft).
13. Connect the ground wire to the instrument wiring harness junction block bracket.
14. Install the instrument wiring harness junction block into its bracket. Refer to **Instrument Panel Wiring Harness Junction Block Replacement** .
15. Install the body control module. Refer to **Body Control Module Replacement** .
16. Install the radio speaker amplifier. Refer to **Radio Speaker Amplifier Replacement** .
17. Install the communication interface module. Refer to **Communication Interface Module Replacement** .
18. Install the windshield defroster duct. Refer to **Windshield Defroster Duct Replacement** .
19. Install the left and right side window defogger outlet ducts. Refer to **Side Window Defogger Outlet Duct Replacement - Left Side** and **Side Window Defogger Outlet Duct Replacement - Right Side** .
20. Install the center air outlet duct. Refer to **Instrument Panel Center Air Outlet Duct Replacement** .
21. Install the left and right air distributor outer ducts. Refer to **Air Distributor Outer Duct Replacement - Left Side** and **Air Distributor Outer Duct Replacement - Right Side** .
22. Install the instrument panel lower trim pad retainer assembly. Refer to **Lower Trim Pad Retainer Replacement (Equinox)** or **Lower Trim Pad Retainer Replacement (Terrain)**.
23. Refer to **Control Module References** for programming and setup information for the body control module, communication interface module, drivers information display, and the instrument cluster.

INSTRUMENT CARRIER REPLACEMENT (TERRAIN)

Removal Procedure

1. Remove the instrument panel lower trim pad retainer assembly. Refer to **Lower Trim Pad Retainer Replacement (Equinox)** or **Lower Trim Pad Retainer Replacement (Terrain)**.
2. Remove the left and right air distributor outer ducts. Refer to **Air Distributor Outer Duct Replacement - Left Side** and **Air Distributor Outer Duct Replacement - Right Side** .
3. Remove the center air outlet duct. Refer to **Instrument Panel Center Air Outlet Duct Replacement** .
4. Remove the left and right side window defogger outlet ducts. Refer to **Side Window Defogger Outlet Duct Replacement - Left Side** and **Side Window Defogger Outlet Duct Replacement - Right Side** .
5. Remove the windshield defroster duct. Refer to **Windshield Defroster Duct Replacement** .
6. Remove the communication interface module. Refer to **Communication Interface Module Replacement** .
7. Remove the radio speaker amplifier. Refer to **Radio Speaker Amplifier Replacement** .
8. Remove the body control module. Refer to **Body Control Module Replacement** .
9. Remove the instrument wiring harness junction block from its bracket. Refer to **Instrument Panel Wiring Harness Junction Block Replacement** .
10. Disconnect the ground wire connected to the instrument wiring harness junction block bracket.

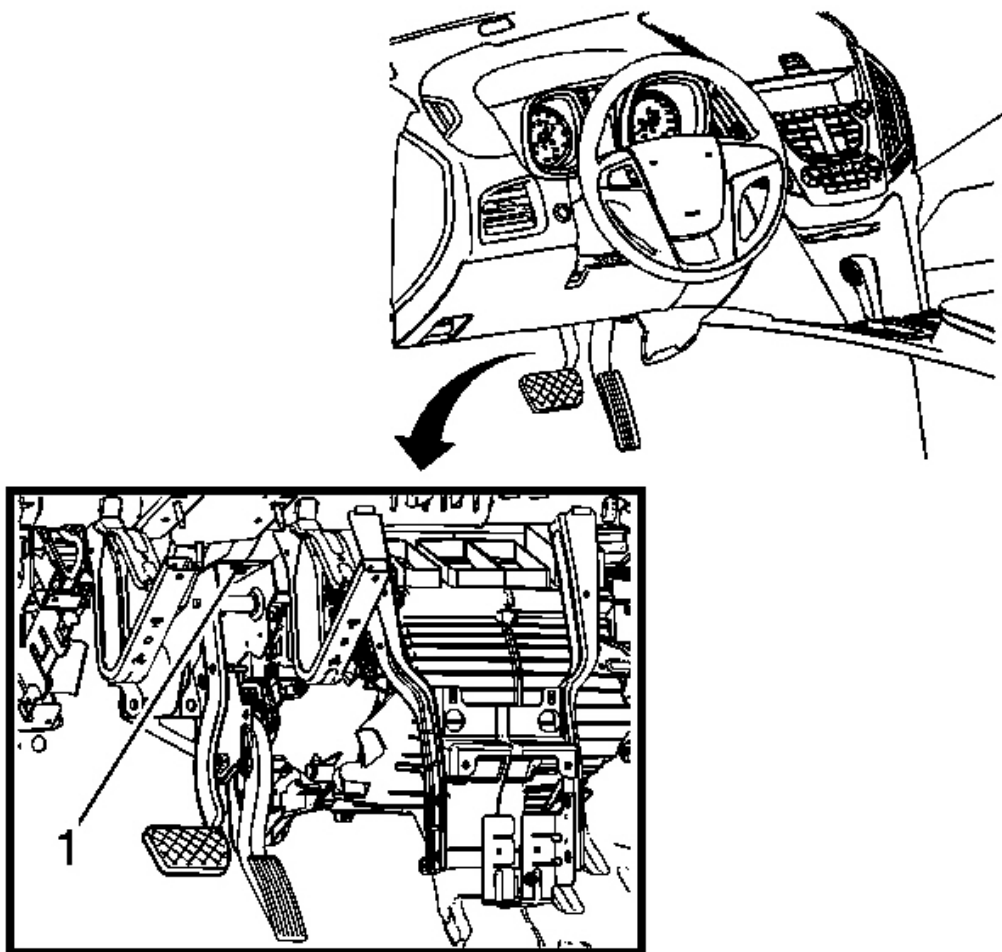


Fig. 46: Identifying Bolt Securing Brake Pedal Bracket To Instrument Panel Carrier Assembly
Courtesy of GENERAL MOTORS CORP.

11. Remove the bolt (1) securing the brake pedal bracket to the instrument panel carrier assembly.

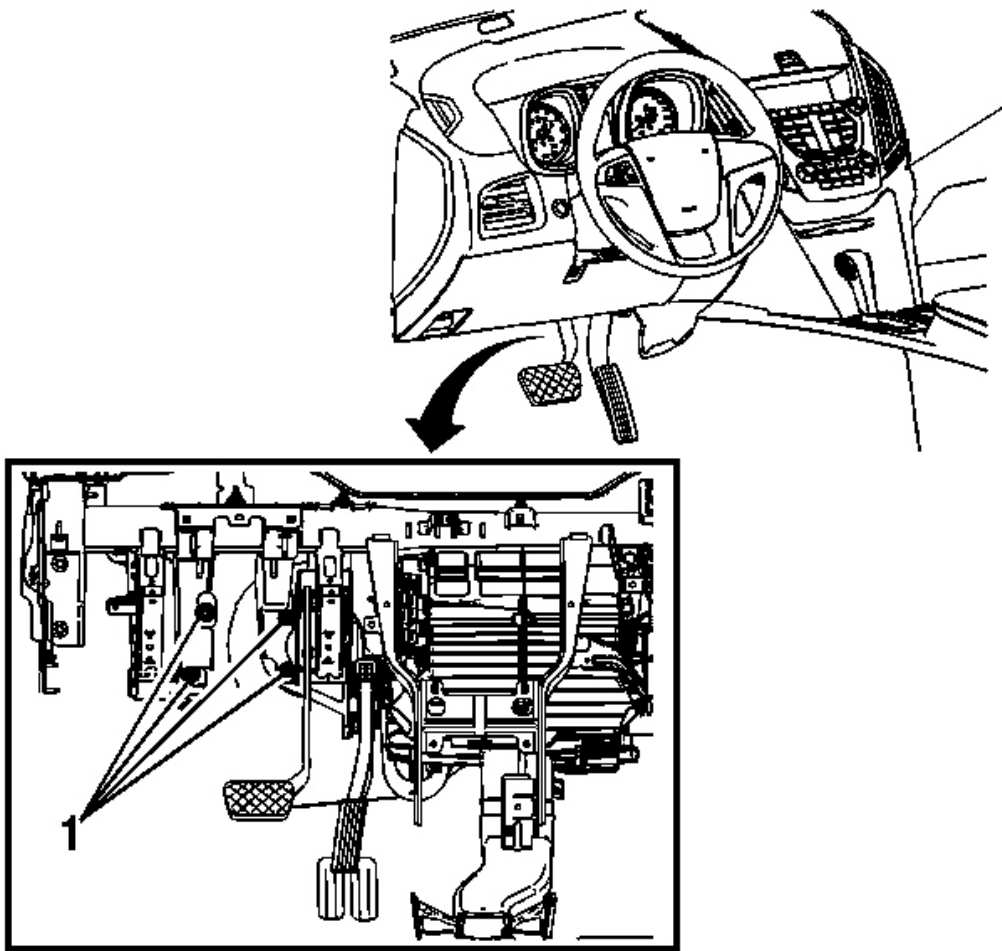


Fig. 47: Identifying Nuts Securing Instrument Panel Carrier Assembly To Mod Plate
Courtesy of GENERAL MOTORS CORP.

12. Remove the nuts (1) securing the instrument panel carrier assembly to the mod plate.

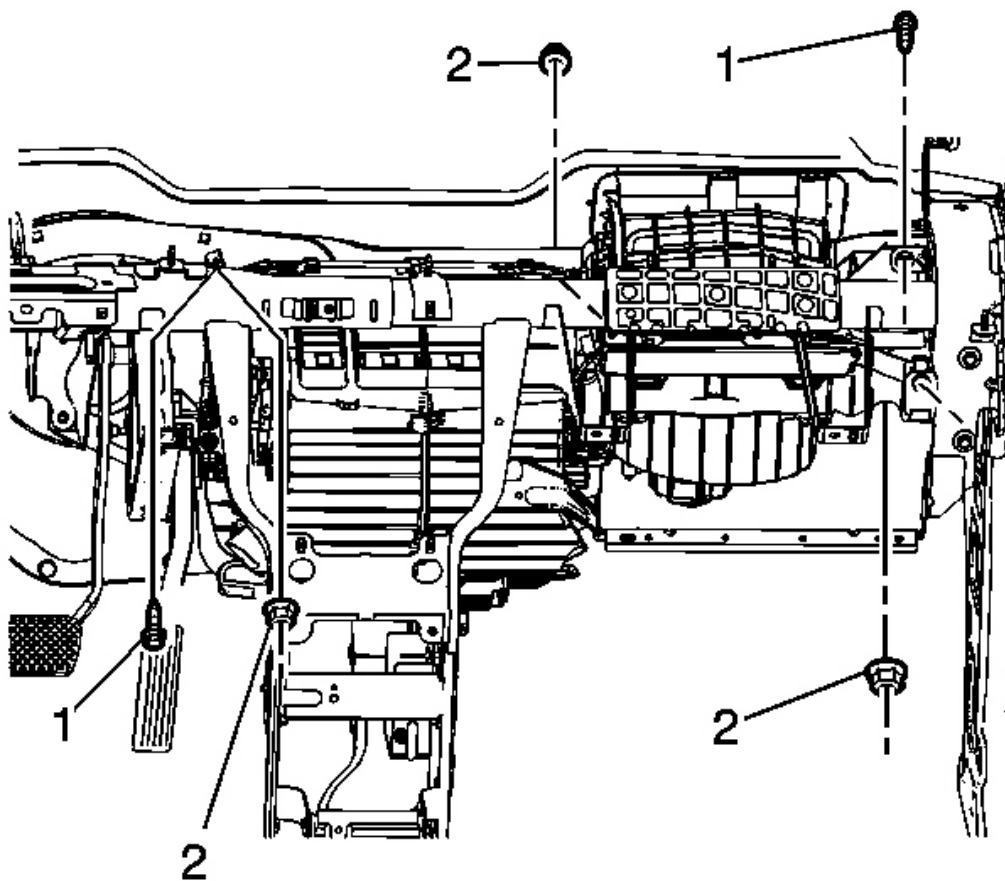


Fig. 48: View Of HVAC Module

Courtesy of GENERAL MOTORS CORP.

13. Remove the bolts (1) securing the HVAC module to the instrument panel carrier assembly.
14. Remove the nuts (2) securing the HVAC module to the instrument panel carrier assembly.

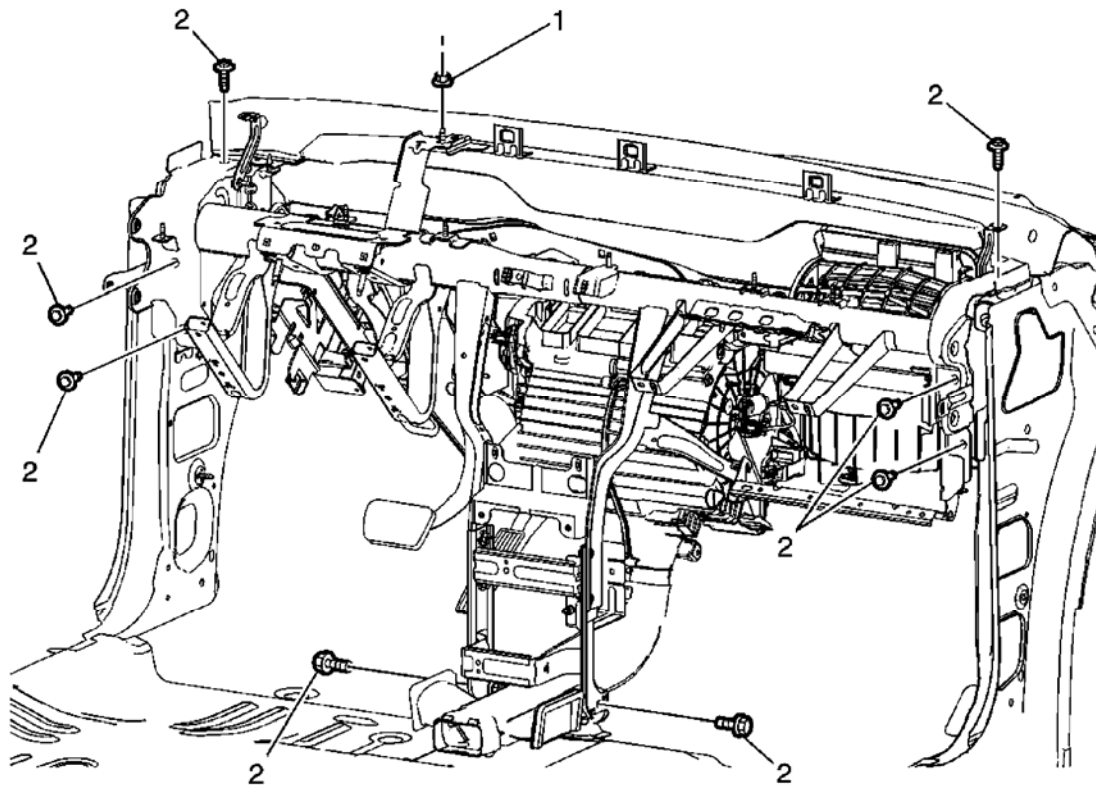


Fig. 49: Identifying Nut & Bolts Securing Instrument Panel Carrier Assembly To Vehicle Body
Courtesy of GENERAL MOTORS CORP.

15. Remove the nut (1) securing the instrument panel carrier assembly to the vehicle body.
16. Remove the bolts (2) securing the instrument panel carrier assembly to the vehicle body.
17. Note the location and routing of the instrument panel wiring harness to ensure proper reinstallation.
18. Disconnect the instrument panel wiring harness fasteners from the instrument panel carrier assembly and route the wiring harness out of the way.
19. Adequately support the HVAC module in order to prevent damage.

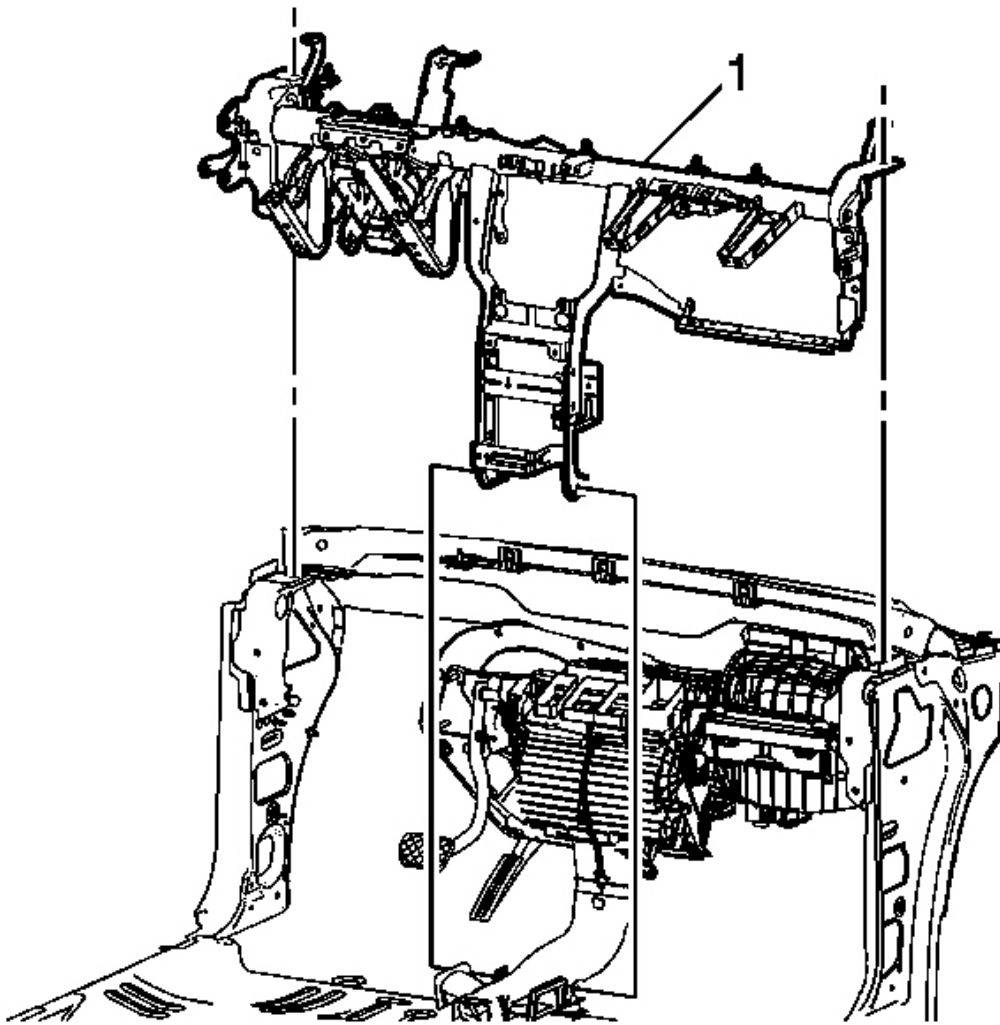


Fig. 50: View Of Instrument Panel Carrier
Courtesy of GENERAL MOTORS CORP.

20. Remove the instrument panel carrier from the vehicle.
21. If replacing the instrument panel carrier assembly, transfer all necessary components to the new carrier assembly.

Installation Procedure

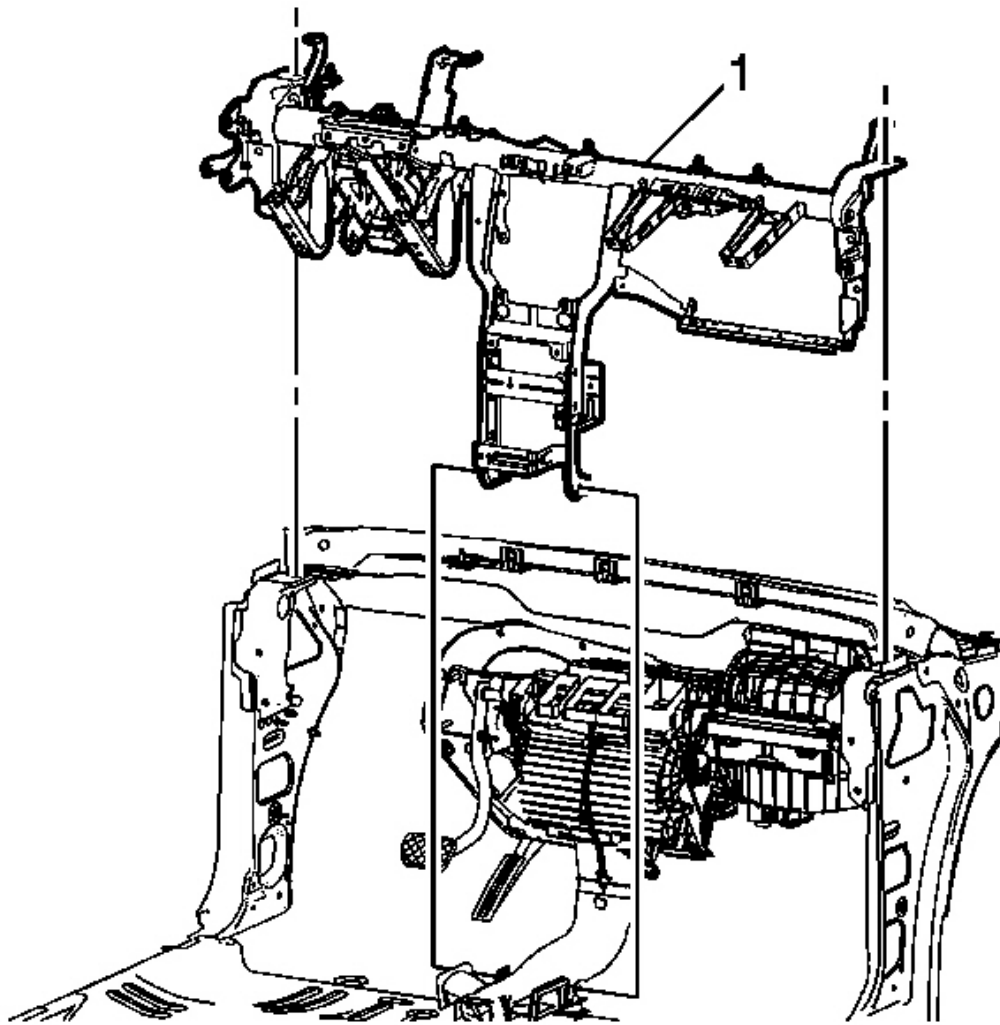


Fig. 51: View Of Instrument Panel Carrier
Courtesy of GENERAL MOTORS CORP.

1. Position the instrument panel carrier in the vehicle.
2. Reposition the instrument panel wiring harness as was noted in the removal procedure and reattach the wiring harness to the instrument panel carrier assembly.

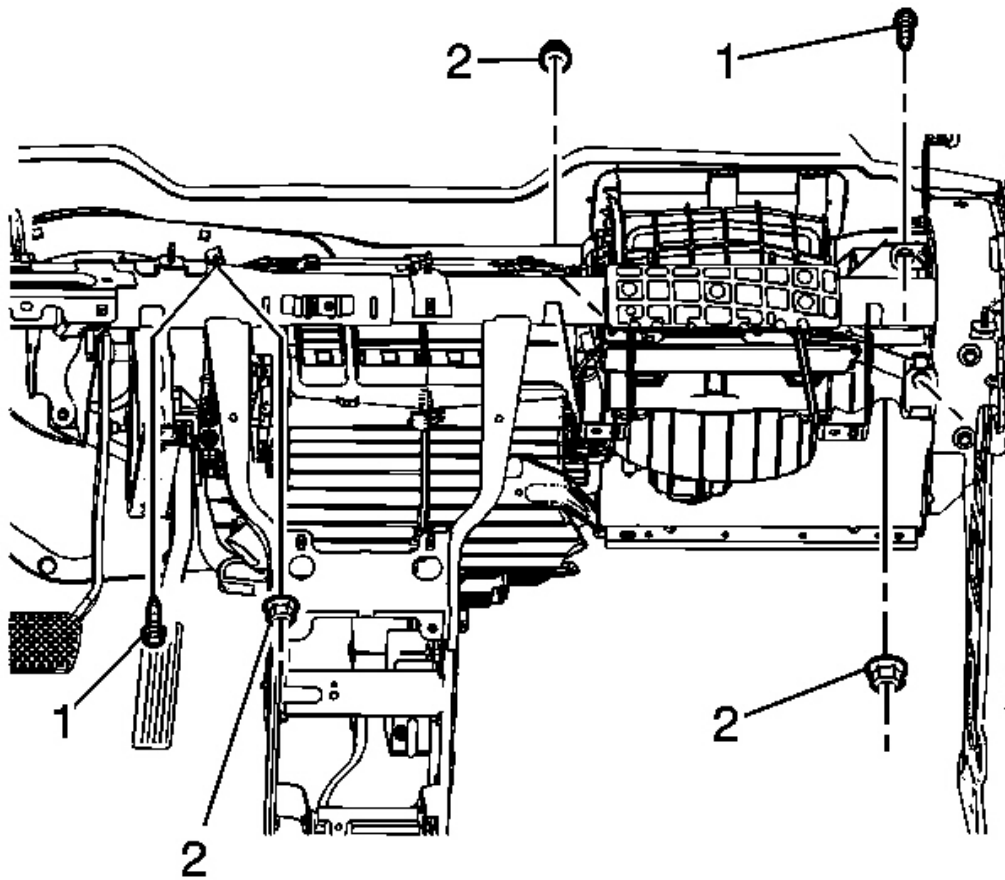


Fig. 52: View Of HVAC Module

Courtesy of GENERAL MOTORS CORP.

3. Loosely install the bolts (1) securing the HVAC module to the instrument panel carrier assembly.
4. Loosely install the nuts (2) securing the HVAC module to the instrument panel carrier assembly.

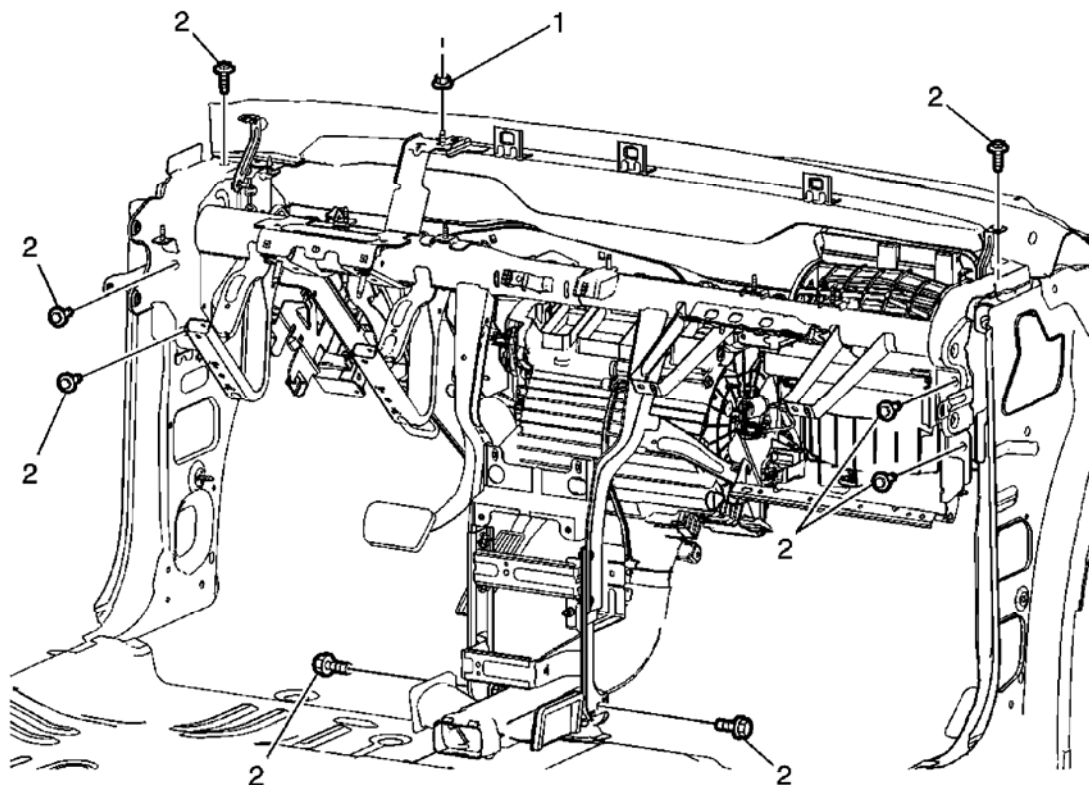


Fig. 53: Identifying Nut & Bolts Securing Instrument Panel Carrier Assembly To Vehicle Body
Courtesy of GENERAL MOTORS CORP.

5. Loosely install the bolts (2) securing the instrument panel carrier assembly to the vehicle body.
6. Loosely install the nut (1) securing the instrument panel carrier assembly to the vehicle body.

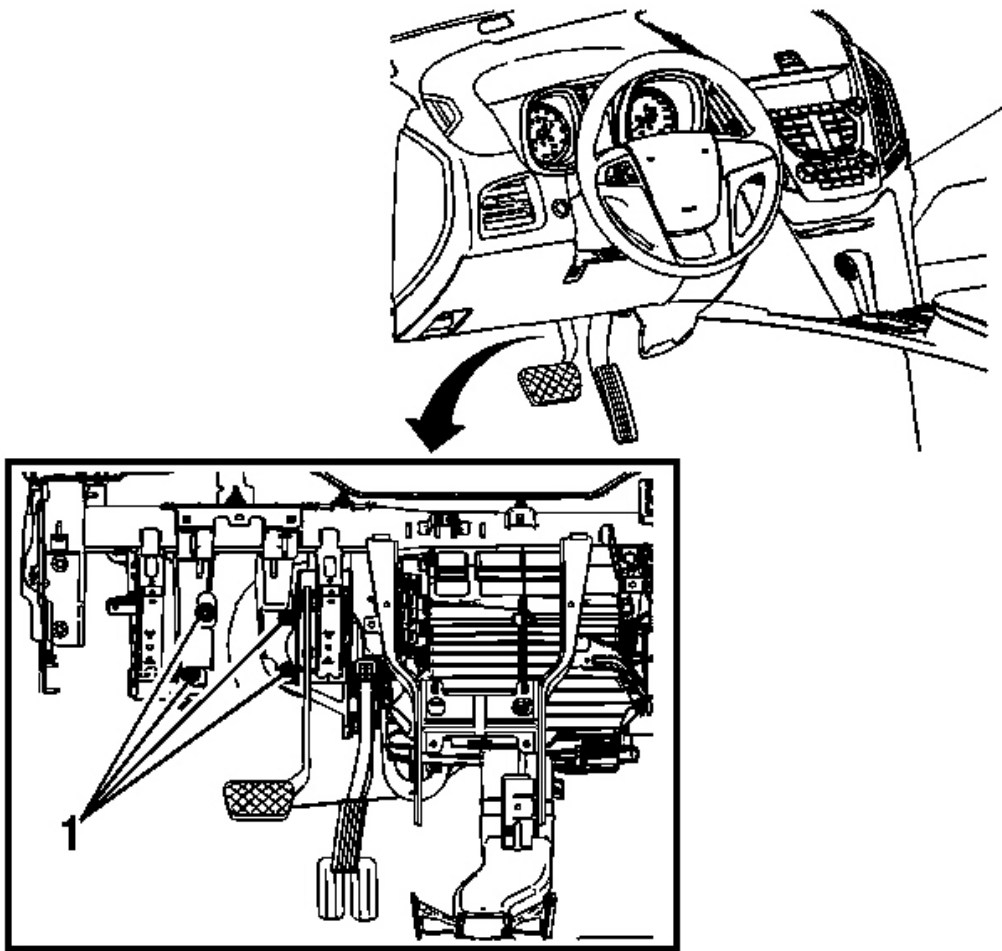


Fig. 54: Identifying Nuts Securing Instrument Panel Carrier Assembly To Mod Plate
Courtesy of GENERAL MOTORS CORP.

7. Loosely install the nuts (1) securing the instrument panel carrier assembly to the mod plate.

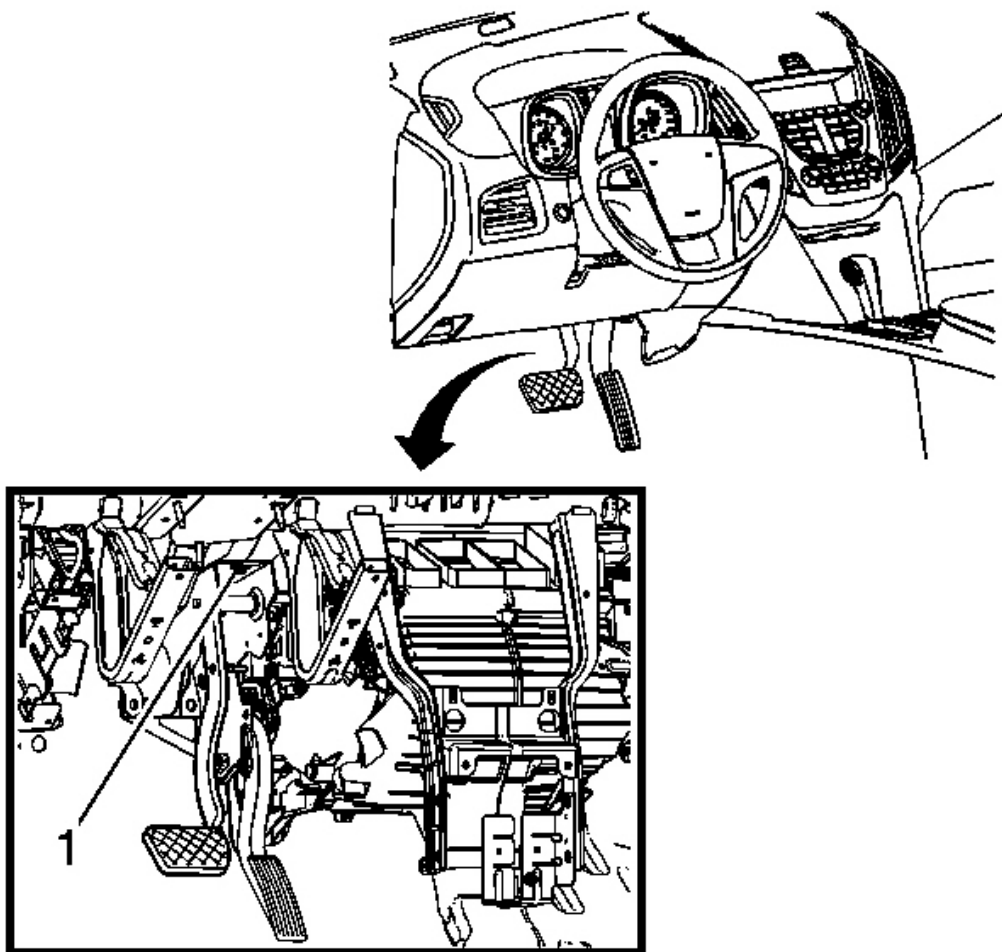


Fig. 55: Identifying Bolt Securing Brake Pedal Bracket To Instrument Panel Carrier Assembly
Courtesy of GENERAL MOTORS CORP.

8. Loosely install the bolt (1) securing the brake pedal bracket to the instrument panel carrier assembly.

CAUTION: Refer to Fastener Caution .

9. Tighten the bolts and the nuts securing the HVAC module to the instrument panel carrier assembly to 6 N.m(53 lb in).
10. Tighten the bolt securing the brake pedal bracket to the instrument panel carrier assembly to 22 N.m(16 lb ft).
11. Tighten the nuts securing the instrument panel carrier assembly to the mod plate to 22 N.m(16 lb ft).

12. Tighten the bolts and the nut securing the instrument panel carrier assembly to the vehicle body to 22 N.m(16 lb ft).
13. Connect the ground wire to the instrument wiring harness junction block bracket.
14. Install the instrument wiring harness junction block into its bracket. Refer to **Instrument Panel Wiring Harness Junction Block Replacement** .
15. Install the body control module. Refer to **Body Control Module Replacement** .
16. Install the radio speaker amplifier. Refer to **Radio Speaker Amplifier Replacement** .
17. Install the communication interface module. Refer to **Communication Interface Module Replacement** .
18. Install the windshield defroster duct. Refer to **Windshield Defroster Duct Replacement** .
19. Install the left and right side window defogger outlet ducts. Refer to **Side Window Defogger Outlet Duct Replacement - Left Side** and **Side Window Defogger Outlet Duct Replacement - Right Side** .
20. Install the center air outlet duct. Refer to **Instrument Panel Center Air Outlet Duct Replacement** .
21. Install the left and right air distributor outer ducts. Refer to **Air Distributor Outer Duct Replacement - Left Side** and **Air Distributor Outer Duct Replacement - Right Side** .
22. Install the instrument panel lower trim pad retainer assembly. Refer to **Lower Trim Pad Retainer Replacement (Equinox)** or **Lower Trim Pad Retainer Replacement (Terrain)**.
23. Refer to **Control Module References** for programming and setup information for the body control module, communication interface module, drivers information display, and the instrument cluster.

FRONT FLOOR CONSOLE COMPARTMENT DOOR LATCH REPLACEMENT

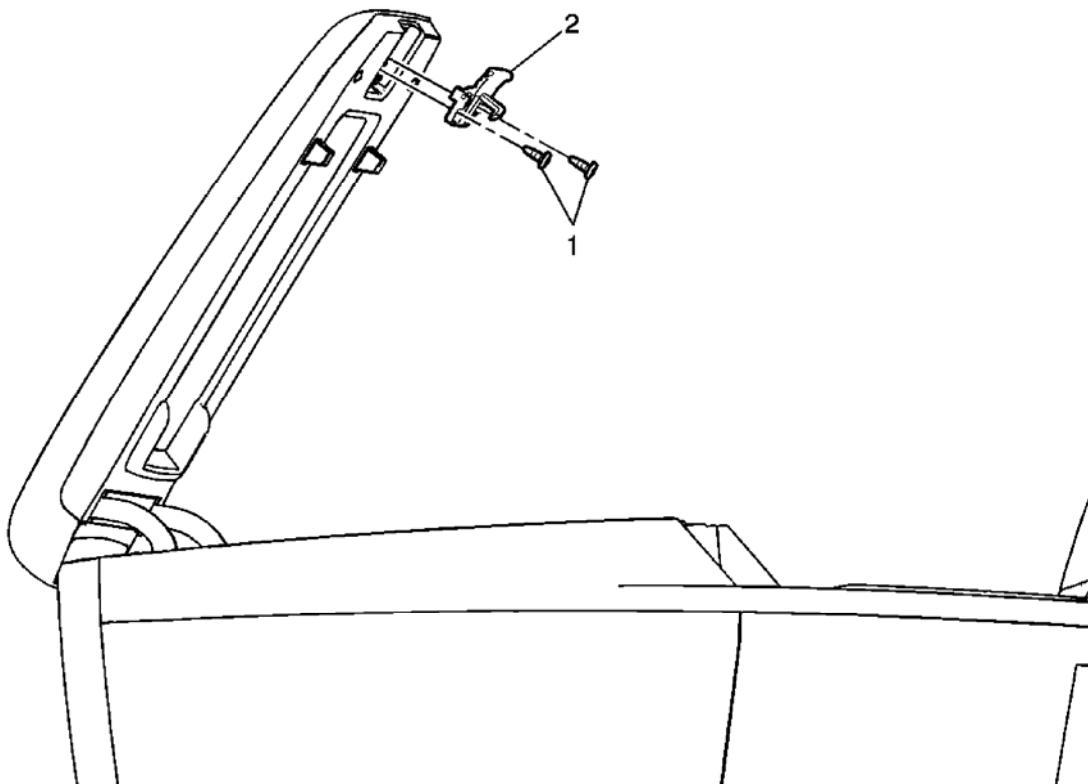


Fig. 56: Front Floor Console Compartment Door Latch
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Front Floor Console Compartment Door Latch Fasteners (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> . Tighten: 2.5 N.m(22 lb in)
2	Front Floor Console Compartment Door Latch

FRONT FLOOR CONSOLE ACCESSORY TRIM PLATE REPLACEMENT

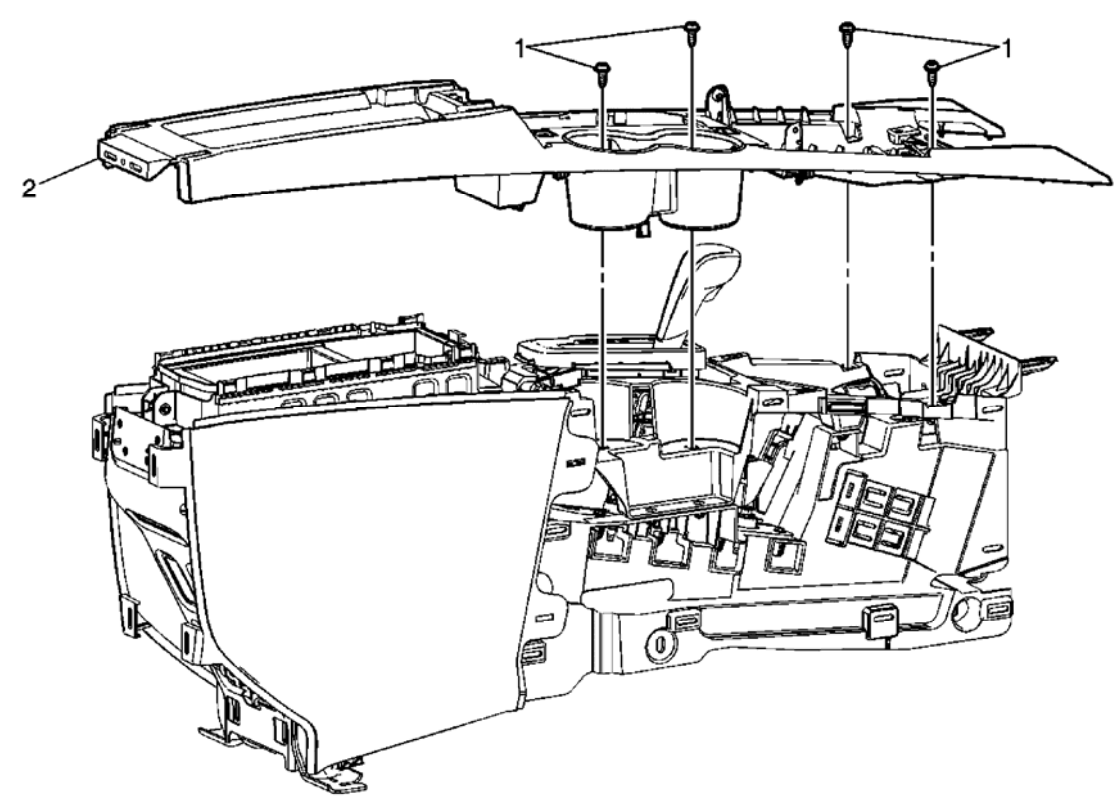


Fig. 57: Front Floor Console Accessory Trim Plate
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure	
1.	Remove the front floor console. Refer to <u>Front Floor Console Replacement</u> .
2.	Remove front floor console transmission shift opening trim plate. Refer to <u>Front Floor Console</u>

Transmission Shift Opening Trim Plate Replacement.

- 3. Remove the front floor console rear cover. Refer to **Front Floor Console Rear Cover Replacement.**
- 4. Remove the front floor console armrest. Refer to **Front Floor Console Armrest Replacement.**
- 5. Remove the cupholder liner.

1	Front Floor Console Accessory Trim Plate Fasteners (Qty: 4) CAUTION: Refer to <u>Fastener Caution</u> . Tighten: 2.5 N.m(22 lb in)
2	Front Floor Console Accessory Trim Plate Procedures 1. Grasp the front floor console accessory trim plate and lift upward disengaging the retainer clips securing the trim plate to the console assembly. 2. Disconnect the electrical connections. 3. When replacing the front floor console accessory trim plate, transfer all neccessary components.

FRONT FLOOR LOWER CONSOLE SIDE FINISH COVER REPLACEMENT - RIGHT SIDE (EQUINOX)

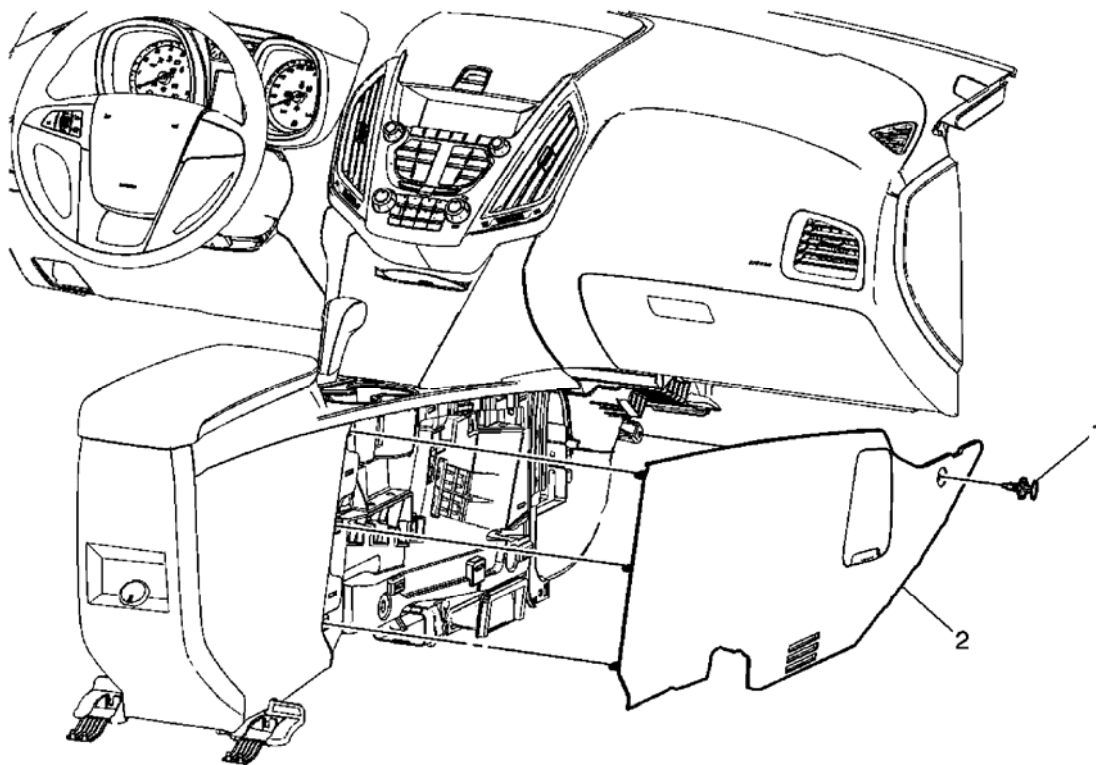


Fig. 58: Front Floor Lower Console Side Finish Cover - Right Side (Equinox)
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: Move the right front seat to the full rearward position.	
1	Push Pin Fastener
2	Front Floor Lower Console Side Finish Cover - Right Procedure: Grasp the side finish cover and pull outward releasing the retainer clips securing the side finish panel to the console assembly.

FRONT FLOOR LOWER CONSOLE SIDE FINISH COVER REPLACEMENT - RIGHT SIDE (TERRAIN)

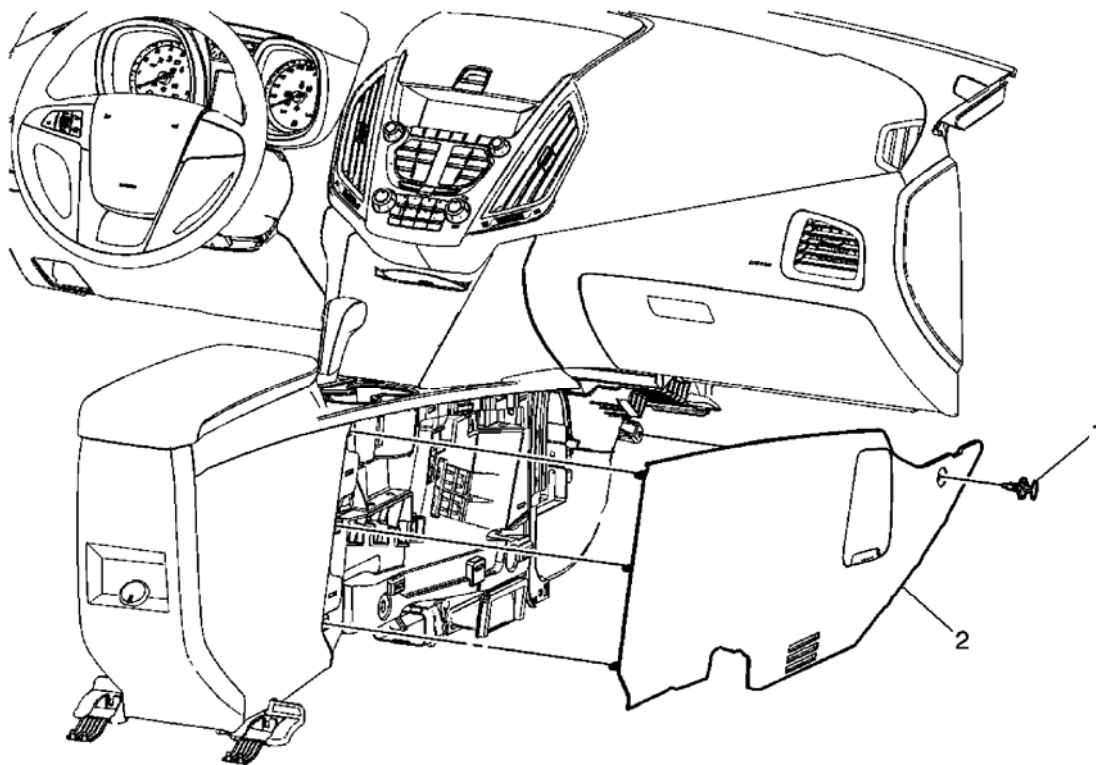


Fig. 59: Front Floor Lower Console Side Finish Cover - Right Side (Terrain)
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: Move the right front seat to the full rearward position.	
1	Push Pin Fastener
2	Front Floor Lower Console Side Finish Cover - Right Procedure: Grasp the side finish cover and pull outward releasing the retainer clips securing the side finish panel to the console assembly.

FRONT FLOOR LOWER CONSOLE SIDE FINISH COVER REPLACEMENT - LEFT SIDE (EQUINOX)

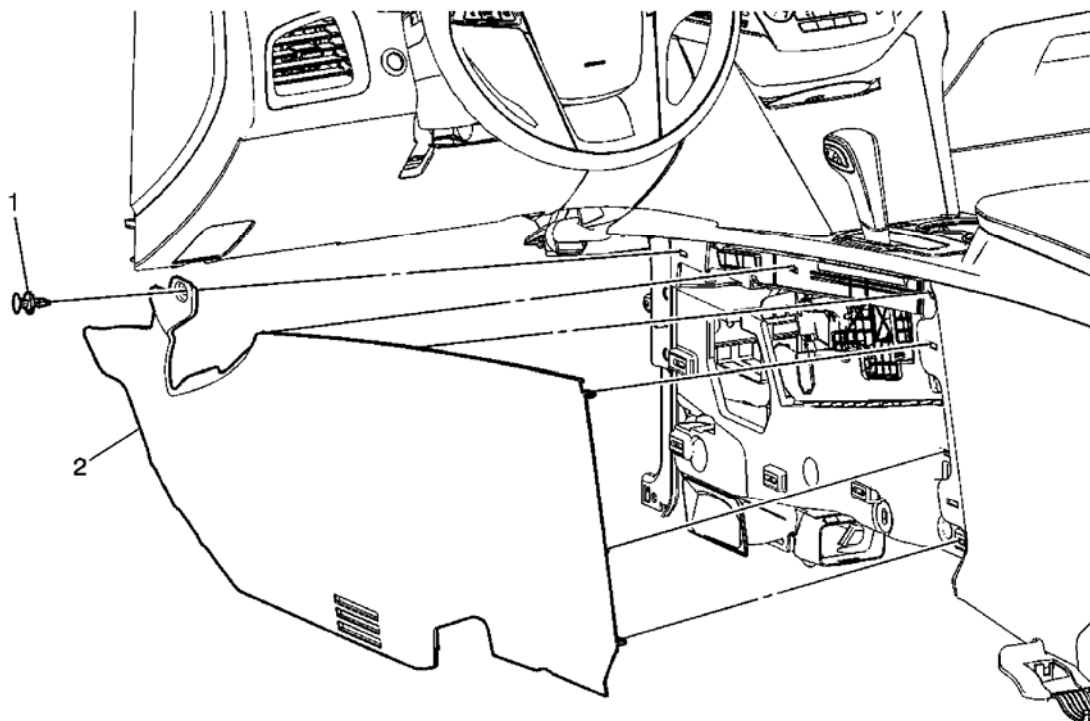


Fig. 60: Front Floor Lower Console Side Finish Cover - Left Side (Equinox)
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: Move the left front seat to the full rearward position.	
1	Push Pin Fastener
2	Front Floor Lower Console Side Finish Cover - Left Procedure: Grasp the side finish cover and pull outward releasing the retainer clips securing the side finish panel to the console assembly.

FRONT FLOOR LOWER CONSOLE SIDE FINISH COVER REPLACEMENT - LEFT SIDE (TERRAIN)

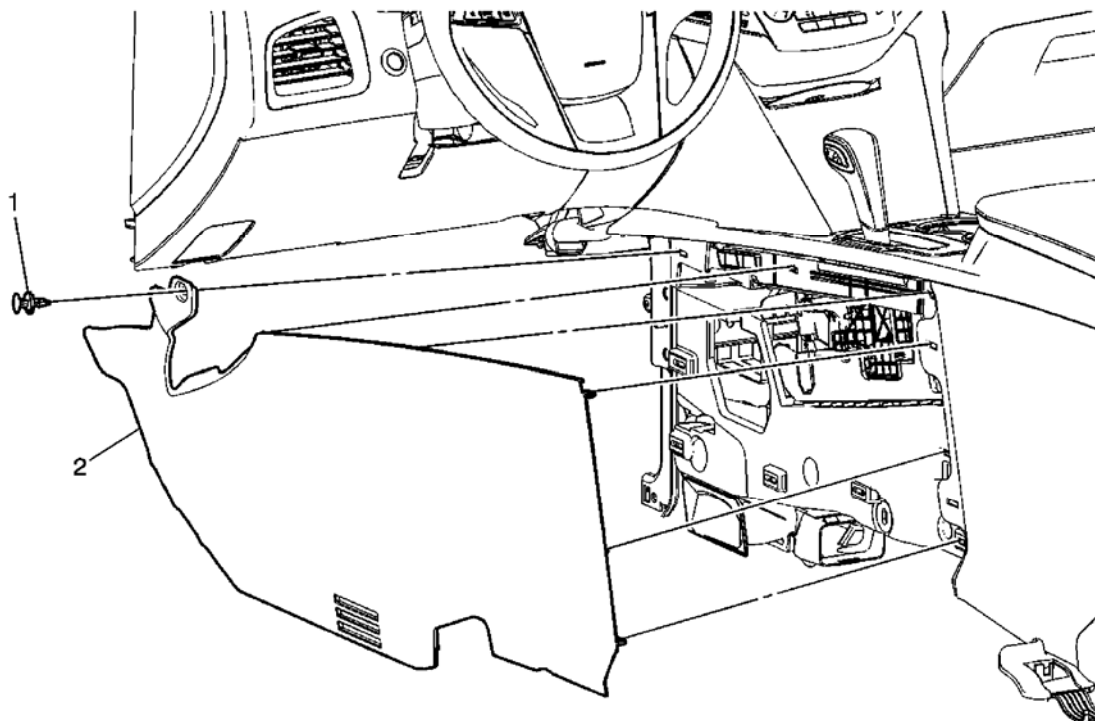


Fig. 61: Front Floor Lower Console Side Finish Cover - Left Side (Terrain)
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: Move the left front seat to the full rearward position.	
1	Push Pin Fastener
2	Front Floor Lower Console Side Finish Cover - Left Procedure: Grasp the side finish cover and pull outward releasing the retainer clips securing the side finish panel to the console assembly.

FRONT FLOOR CONSOLE TRANSMISSION SHIFT OPENING TRIM PLATE REPLACEMENT

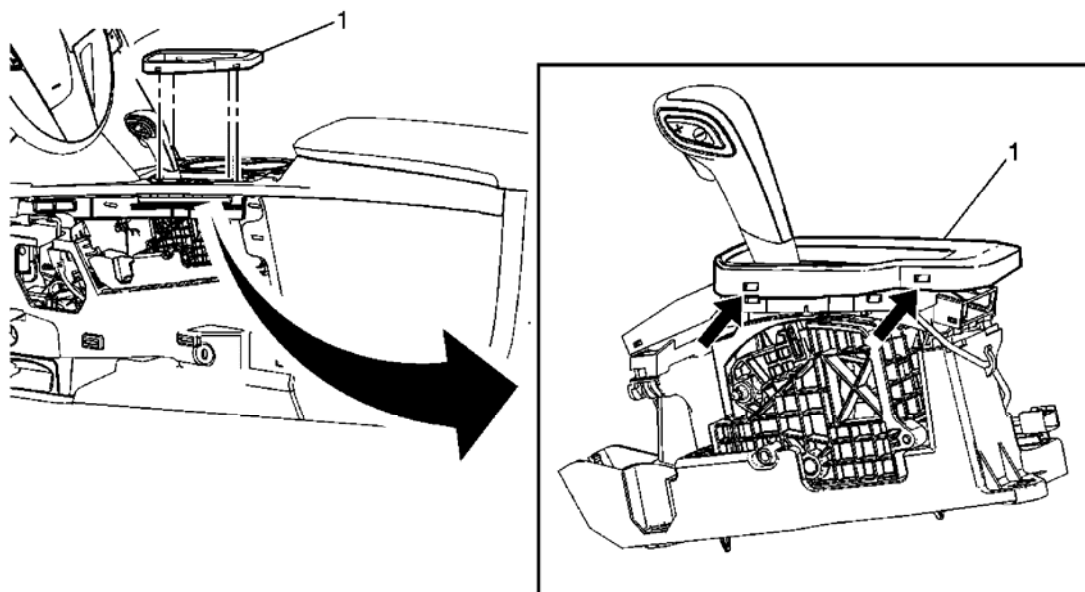


Fig. 62: Front Floor Console Transmission Shift Opening Trim Plate
 Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure: Remove the left front floor lower console side finish cover. Refer to <u>Front Floor Lower Console Side Finish Cover Replacement - Left Side (Equinox)</u> or <u>Front Floor Lower Console Side Finish Cover Replacement - Left Side (Terrain)</u> .	
1	Front Floor Console Transmission Shift Opening Trim Plate Procedures 1. Using a suitable tool, release the two left retainer tabs securing the front floor console transmission shift opening trim plate to the shift control assembly. 2. While holding the left edge of the front floor console transmission shift opening trim plate up, to keep the retainer tabs from reattaching, grasp the shifter assembly and gently pull it to the left. 3. Push the front floor console transmission shift opening trim plate to the right as far as possible and pull upward in order to release the two right side retainer tabs.

FRONT FLOOR CONSOLE REPLACEMENT

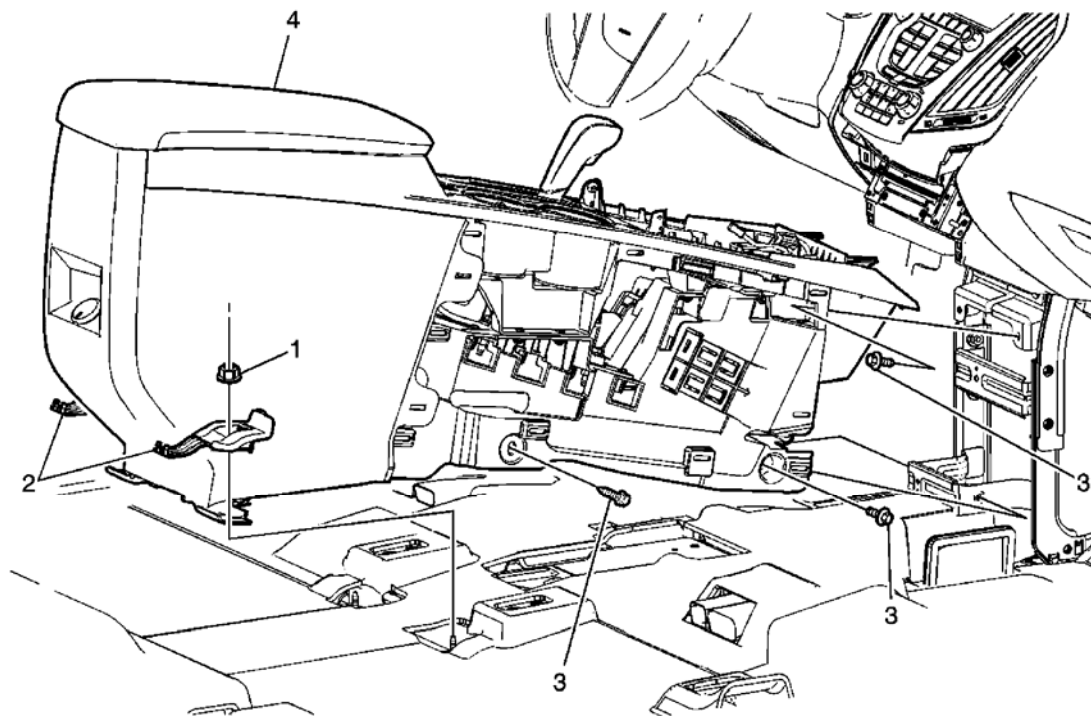


Fig. 63: Front Floor Console
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedures	
1.	Remove the front seats. Refer to <u>Driver or Passenger Seat Replacement</u> .
2.	Remove the right and left front floor lower console side finish covers. Refer to <u>Front Floor Lower Console Side Finish Cover Replacement - Right Side (Equinox)</u> or <u>Front Floor Lower Console Side Finish Cover Replacement - Right Side (Terrain)</u> and <u>Front Floor Lower Console Side Finish Cover Replacement - Left Side (Equinox)</u> or <u>Front Floor Lower Console Side Finish Cover Replacement - Left Side (Terrain)</u> .
3.	Remove the instrument panel right and left lower extensions. Refer to <u>Instrument Panel Lower Extension Replacement (Equinox)</u> or <u>Instrument Panel Lower Extension Replacement (Terrain)</u> .
4.	Remove the instrument panel lower extension accessory bezel. Refer to <u>Instrument Panel Lower Extension Accessory Bezel Replacement (Equinox)</u> or <u>Instrument Panel Lower Extension Accessory Bezel Replacement (Terrain)</u> .
5.	Disconnect the range selector lever cable from the transmission control assembly. Refer to <u>Range Selector Lever Cable Replacement</u> or <u>Range Selector Lever Cable Replacement</u> .
	Front Floor Console Nuts (Qty: 2) Procedure: Use a suitable flat bladed tool to open the front floor console fastener covers in order to expose the console nuts.

1	CAUTION: Refer to <u>Fastener Caution</u> . Tighten: 9 N.m(80 lb in)
2	Front Floor Console Fastener Covers
3	Front Floor Console Bolts (Qty: 6) Tighten: 9 N.m(80 lb in)
4	Front Floor Console Assembly Procedures 1. Disconnect the electrical connections. 2. When replacing the front floor console assembly, transfer all necessary components.

FRONT FLOOR CONSOLE ARMREST REPLACEMENT

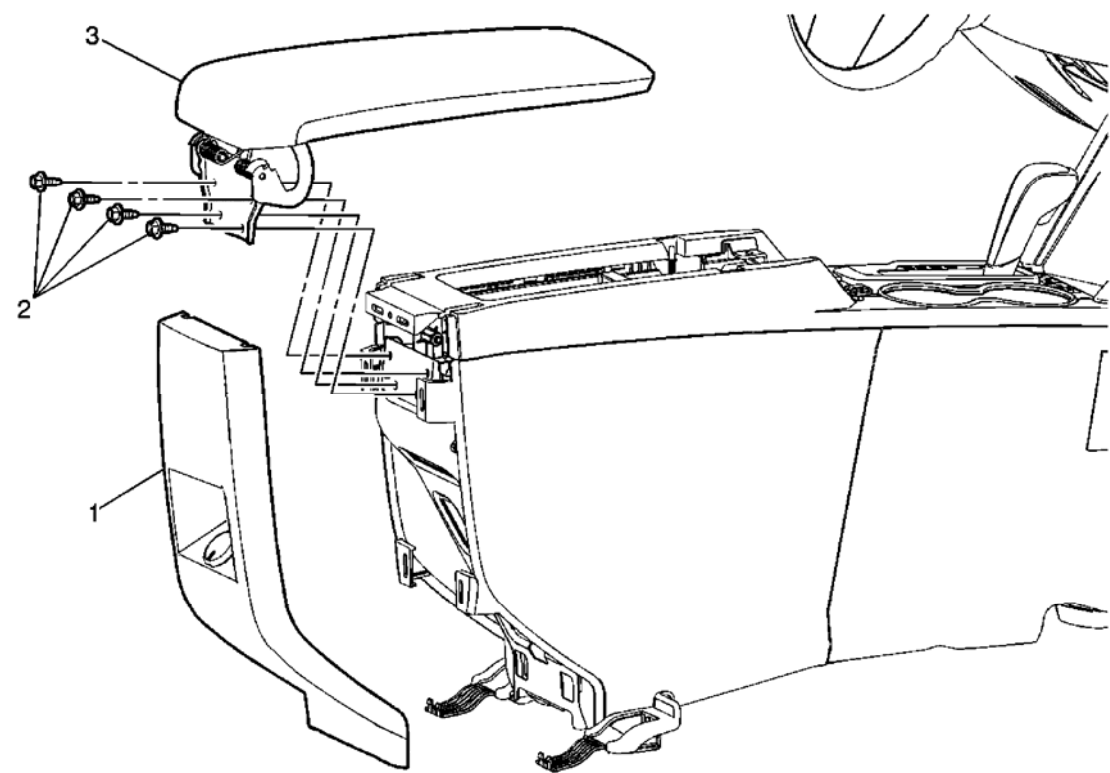


Fig. 64: Front Floor Console Armrest
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
	Front Floor Console Rear Cover

1	Refer to <u>Front Floor Console Rear Cover Replacement</u> .
2	Front Floor Console Armrest Fasteners (Qty: 4) CAUTION: Refer to <u>Fastener Caution</u> . Tighten:: 2.5 N.m(22 lb in)
3	Front Floor Console Armrest Assembly

FRONT FLOOR CONSOLE TRIM PLATE REPLACEMENT

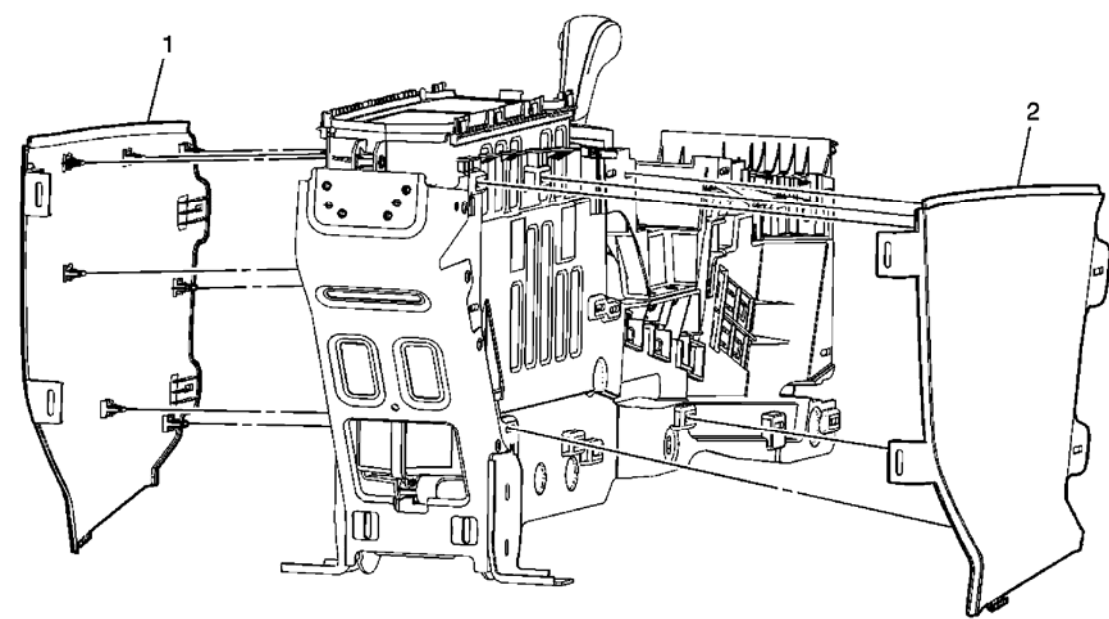


Fig. 65: Front Floor Console Trim Plate
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
Preliminary Procedure	
1. Remove the front seat assemblies. Refer to <u>Driver or Passenger Seat Replacement</u> .	
2. Remove the front floor console left and right side finish covers. Refer to <u>Front Floor Lower Console Side Finish Cover Replacement - Left Side (Equinox)</u> or <u>Front Floor Lower Console Side Finish Cover Replacement - Left Side (Terrain)</u> and <u>Front Floor Lower Console Side Finish Cover Replacement - Right Side (Equinox)</u> or <u>Front Floor Lower Console Side Finish Cover Replacement - Right Side (Terrain)</u> .	
3. Remove the front floor console rear cover. Refer to <u>Front Floor Console Rear Cover Replacement</u> .	
	Front Floor Console Trim Plate - Left

1	Procedure: Grasp the front floor console trim plate and pull outward releasing the retainer clips securing the front floor console trim plate to the console assembly.
2	Front Floor Console Trim Plate - Right Procedure: Grasp the front floor console trim plate and pull outward releasing the retainer clips securing the front floor console trim plate to the console assembly.

FRONT FLOOR CONSOLE REAR COVER REPLACEMENT

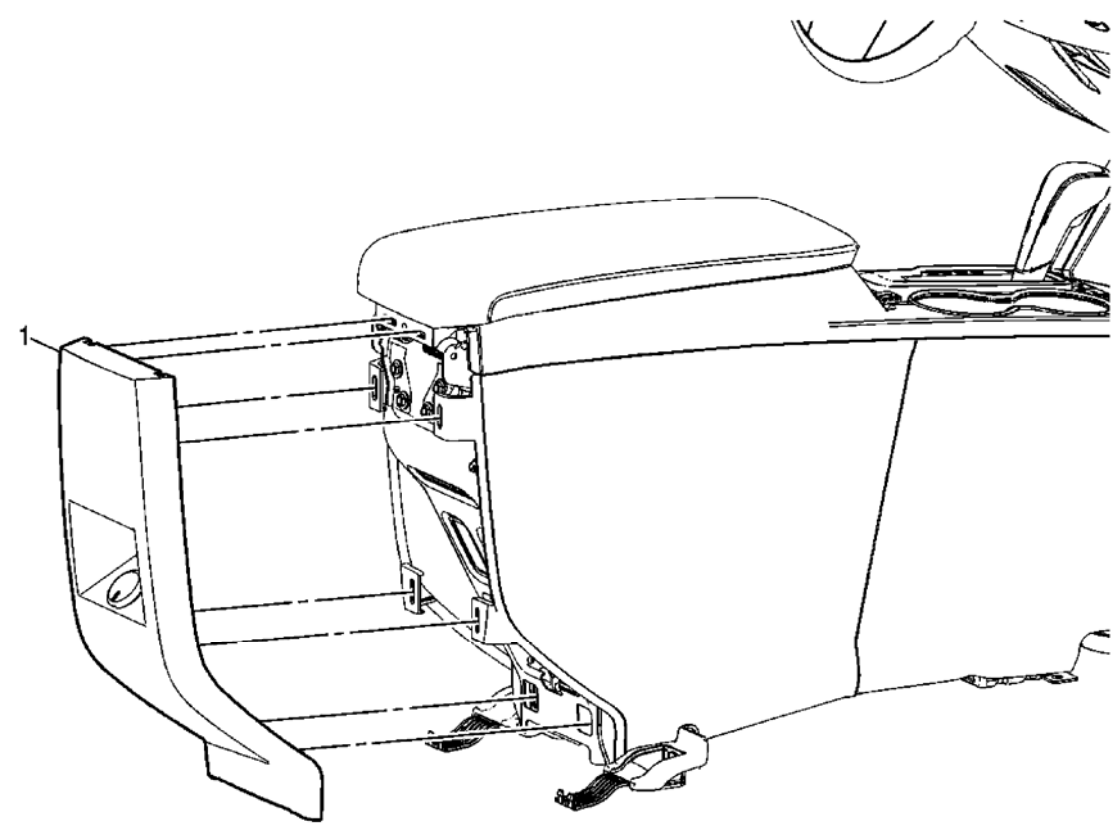


Fig. 66: Front Floor Console Rear Cover
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Front Floor Console Rear Cover Procedures 1. Grasp the console rear cover and pull it rearward away from the console assembly. 2. Disconnect the electrical connections, if applicable. 3. When replacing the front floor console rear cover, transfer all necessary components.

ROOF CONSOLE REPLACEMENT

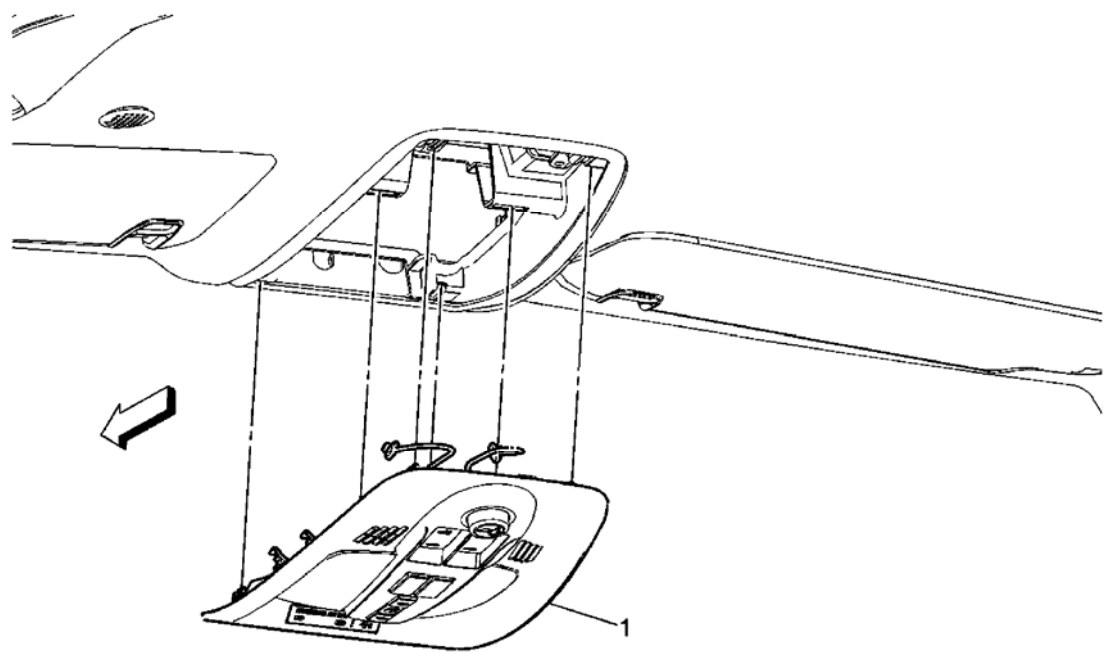


Fig. 67: Roof Console
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Roof Console Assembly Procedure 1. Use a flat bladed plastic trim tool in order to release the retainer clips securing the roof console to the headliner assembly. 2. Disconnect the roof console tether. 3. Disconnect the electrical connections. 4. When replacing the roof console assembly, transfer all necessary components.