

ACCESSORIES & EQUIPMENT

Instrument Panel and Console Trim - CTS Coupe & Wagon

SPECIFICATIONS

FASTENER TIGHTENING SPECIFICATIONS

Fastener Tightening Specifications

Application	Specification	
	Metric	English
Front Floor Console Armrest Screw	2.5 N.m	22 lb in
Front Floor Console Compartment Door Hinge Screw	2.5 N.m	22 lb in
Front Floor Console Compartment Door Latch Screw	2.5 N.m	22 lb in
Front Floor Console Compartment Door Lower Latch Screw	2.5 N.m	22 lb in
Front Floor Console Compartment Screw	2.5 N.m	22 lb in
Front Floor Console Cupholder Screw	2.5 N.m	22 lb in
Front Floor Console Lower Armrest Retainer Screw	2.5 N.m	22 lb in
Front Floor Console Lower Armrest Retainer Screw	2.5 N.m	22 lb in
Front Floor Console Rear Compartment Screw	2.5 N.m	22 lb in
Front Floor Console Screw	2.5 N.m	22 lb in
Front Floor Console Trim Plate Screw	2.5 N.m	22 lb in
Front Floor Console Upper Closeout Screw	2.5 N.m	22 lb in
Front Floor Console Upper Closeout Screw	2.5 N.m	22 lb in
Front Floor Console Upper Closeout Screw	2.5 N.m	22 lb in
Instrument Panel Carrier to Body Bolts	25 N.m	18 lb ft
Instrument Panel Carrier to Body Nuts	25 N.m	18 lb ft
Instrument Panel Carrier to HVAC Module Screw	2.5 N.m	22 lb in
Instrument Panel Center Compartment Screws	1 N.m	9 lb in
Instrument Panel Cluster Trim Plate Cover Screw	2 N.m	18 lb in
Instrument Panel Compartment Bolts	2.5 N.m	22 lb in
Instrument Panel Compartment Door Latch Screw	2.5 N.m	22 lb in
Instrument Panel Compartment Screws	2.5 N.m	22 lb in
Instrument Panel Drivers Knee Bolster Bracket Bolt	9 N.m	80 lb in
Instrument Panel Inflatable Restraint Bolt	10 N.m	89 lb in
Instrument Panel Insulator Screw	2 N.m	18 lb in
Instrument Panel Lower Trim Panel Bolt	2.5 N.m	22 lb in
Instrument Panel Upper Trim Panel Screw	2.5 N.m	22 lb in
Parking Brake Lever Bracket Reinforcement Screws	2.5 N.m	22 lb in

REPAIR INSTRUCTIONS

INSTRUMENT PANEL INSULATOR REPLACEMENT - RIGHT SIDE (LEFT HAND DRIVE)

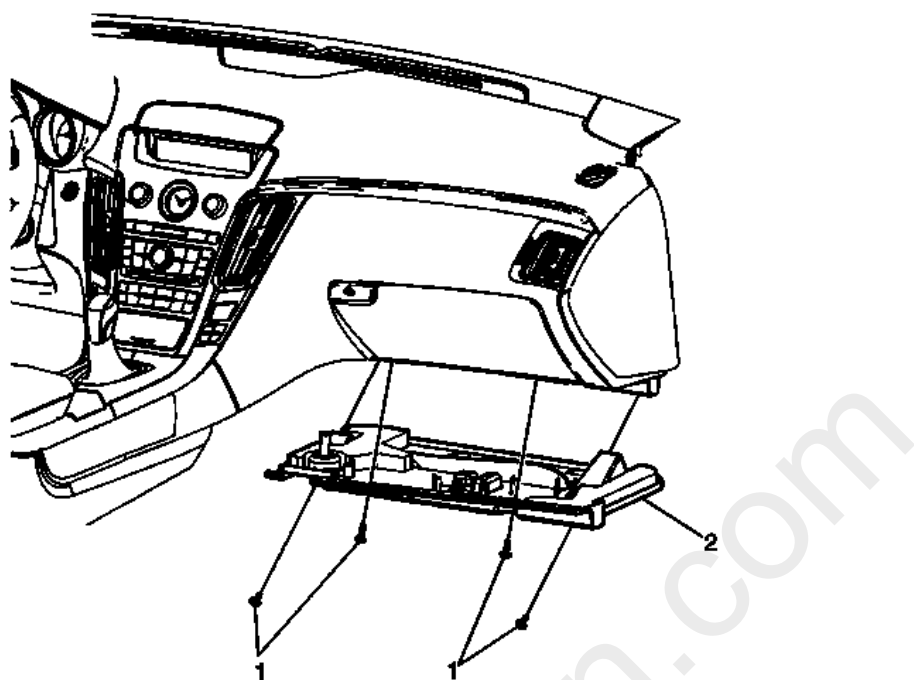


Fig. 1: Instrument Panel Insulator - Right Side (Left Hand Drive)
Courtesy of GENERAL MOTORS COMPANY

Instrument Panel Insulator Replacement - Right Side (Left Hand Drive)

Callout	Component Name
1	Instrument Panel Insulator Screw (Qty: 4) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 2 N.m (18 lb in)
2	Instrument Panel Insulator Assembly Procedure 1. Disconnect the electrical connections. 2. When replacing the instrument panel insulator assembly, transfer all necessary components.

INSTRUMENT PANEL INSULATOR REPLACEMENT - RIGHT SIDE (RIGHT HAND DRIVE)

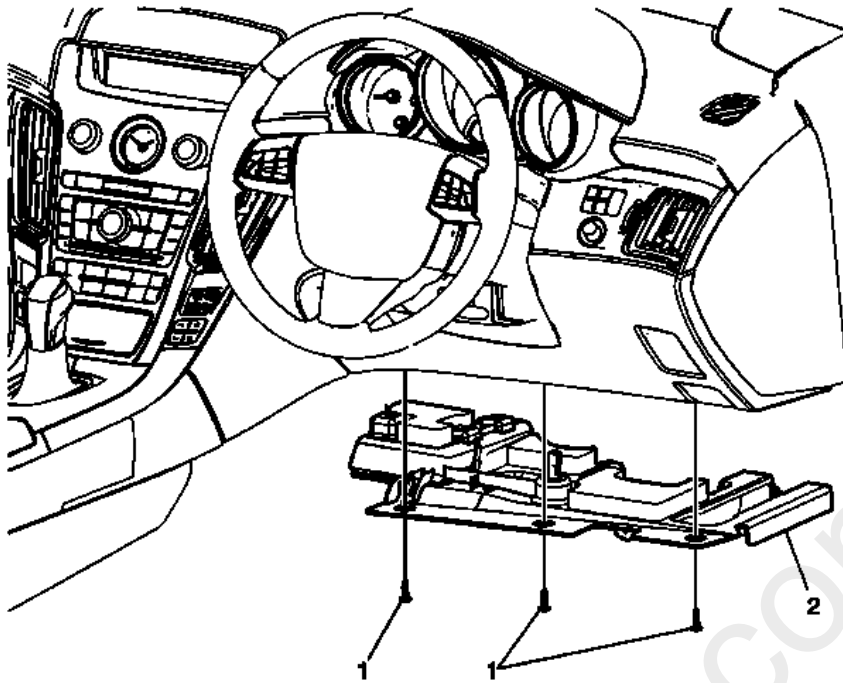


Fig. 2: Identifying Instrument Panel Insulator - Right Side (Right Hand Drive)
 Courtesy of GENERAL MOTORS COMPANY

Instrument Panel Insulator Replacement - Right Side (Right Hand Drive)

Callout	Component Name
1	Instrument Panel Insulator Screw (Qty: 3) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 2 N.m (18 lb in)
2	Instrument Panel Insulator Assembly Procedure 1. Disconnect the electrical connections. 2. When replacing the instrument panel insulator assembly, transfer all necessary components.

INSTRUMENT PANEL INSULATOR REPLACEMENT - LEFT SIDE (LEFT HAND DRIVE)

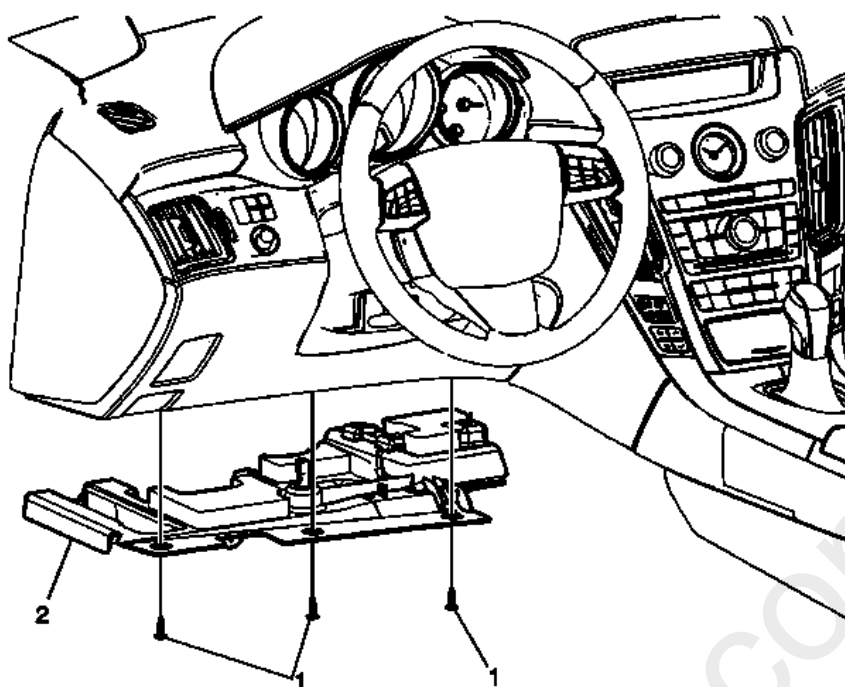


Fig. 3: Instrument Panel Insulator - Left Side (Left Hand Drive)
 Courtesy of GENERAL MOTORS COMPANY

Instrument Panel Insulator Replacement - Left Side (Left Hand Drive)

Callout	Component Name
1	Instrument Panel Insulator Screw (Qty: 3) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 2 N.m (18 lb in)
2	Instrument Panel Insulator Assembly Procedure 1. Disconnect the electrical connections. 2. When replacing the instrument panel insulator assembly, transfer all necessary components.

INSTRUMENT PANEL INSULATOR REPLACEMENT - LEFT SIDE (RIGHT HAND DRIVE)

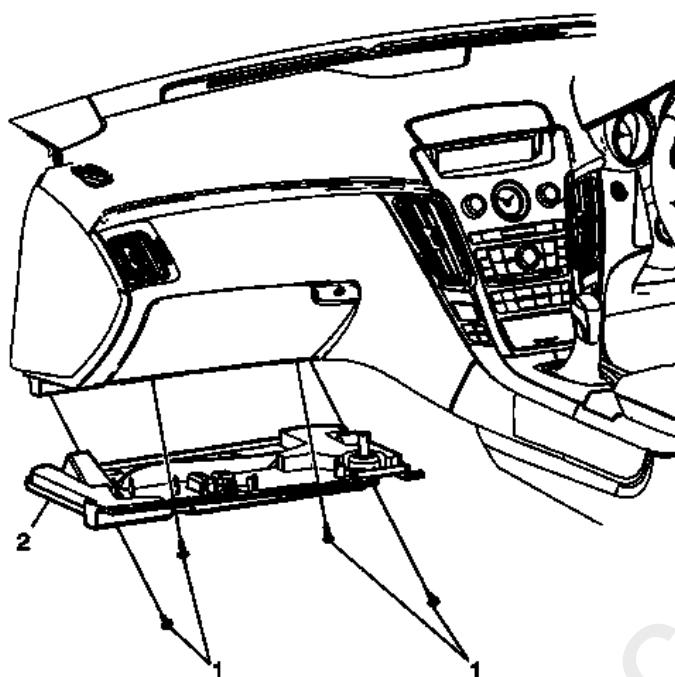


Fig. 4: Identifying Instrument Panel Insulator - Left Side (Right Hand Drive)
 Courtesy of GENERAL MOTORS COMPANY

Instrument Panel Insulator Replacement - Left Side (Right Hand Drive)

Callout	Component Name
1	Instrument Panel Insulator Screw (Qty: 4) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 2 N.m (18 lb in)
2	Instrument Panel Insulator Assembly Procedure 1. Disconnect the electrical connections. 2. When replacing the instrument panel insulator assembly, transfer all necessary components.

DRIVER KNEE BOLSTER REPLACEMENT (LEFT HAND DRIVE)

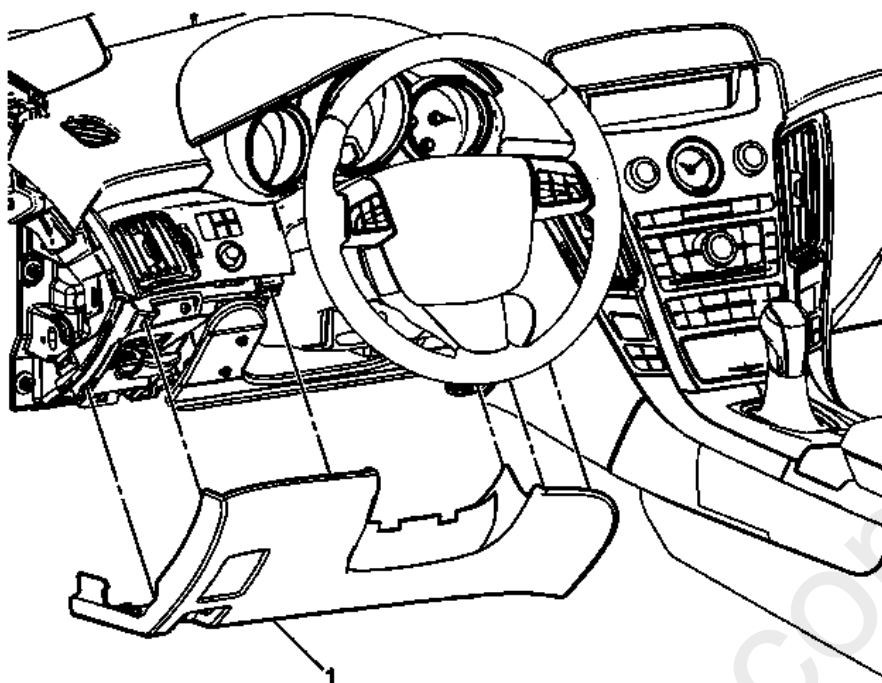


Fig. 5: Driver Knee Bolster (Left Hand Drive)
 Courtesy of GENERAL MOTORS COMPANY

Driver Knee Bolster Replacement (Left Hand Drive)

Callout	Component Name
Preliminary Procedure	
1. Remove the left instrument panel insulator. Refer to <u>Instrument Panel Insulator Replacement - Left Side (Left Hand Drive)</u> . 2. Remove the left instrument panel side trim panel. Refer to <u>Instrument Panel Side Trim Panel Replacement</u> .	
1	Instrument Panel Driver Knee Bolster Assembly Procedure Grasp the knee bolster assembly and pull rearward in order to release the retainer clips securing the knee bolster assembly to the instrument panel.

DRIVER KNEE BOLSTER REPLACEMENT (RIGHT HAND DRIVE)

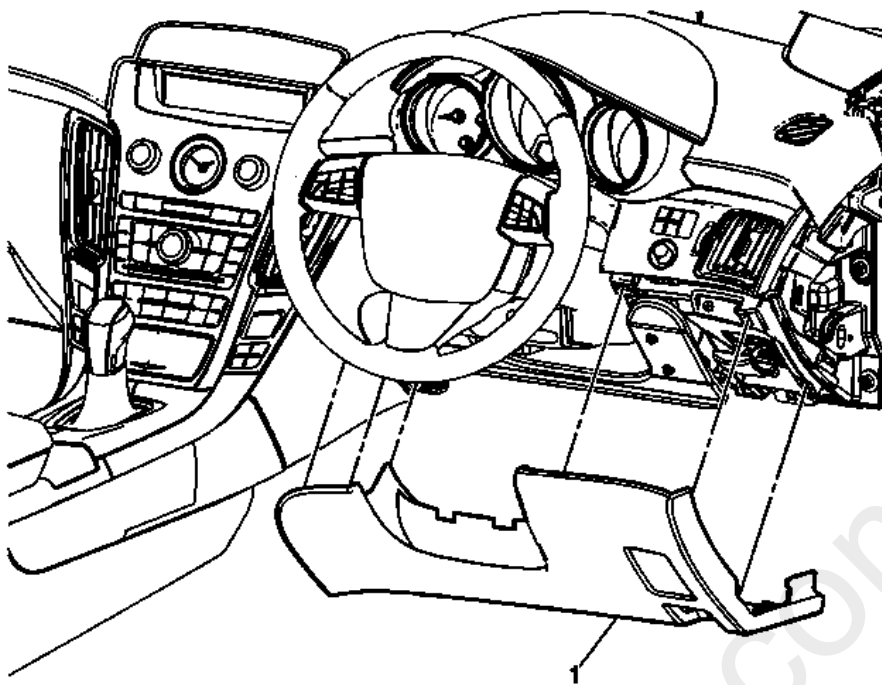


Fig. 6: Identifying Driver Knee Bolster (Right Hand Drive)

Courtesy of GENERAL MOTORS COMPANY

Driver Knee Bolster Replacement (Right Hand Drive)

Callout	Component Name
Preliminary Procedure	
1. Remove the right instrument panel insulator. Refer to <u>Instrument Panel Insulator Replacement - Right Side (Right Hand Drive)</u>. 2. Remove the right instrument panel side trim panel. Refer to <u>Instrument Panel Side Trim Panel Replacement</u>.	
1	Instrument Panel Driver Knee Bolster Assembly Procedure Grasp the knee bolster assembly and pull rearward in order to release the retainer clips securing the knee bolster assembly to the instrument panel.

DRIVER KNEE BOLSTER BRACKET REPLACEMENT (LEFT HAND DRIVE)

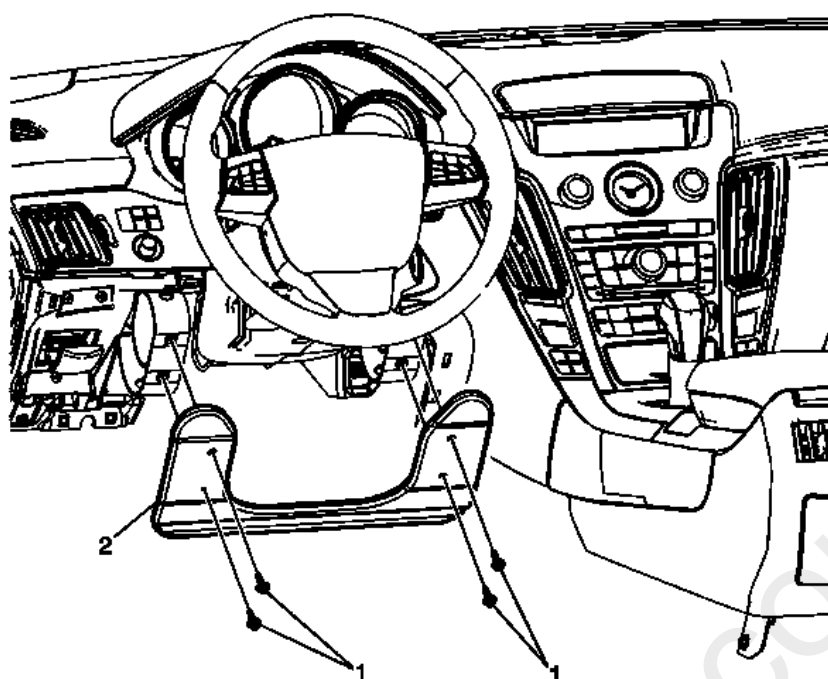


Fig. 7: Driver Knee Bolster Bracket (Left Hand Drive)

Courtesy of GENERAL MOTORS COMPANY

Driver Knee Bolster Bracket Replacement (Left Hand Drive)

Callout	Component Name
Preliminary Procedure Remove the instrument panel driver knee bolster assembly. Refer to <u>Driver Knee Bolster Replacement (Left Hand Drive)</u>	
1	Instrument Panel Driver Knee Bolster Bracket Bolt (Qty: 4) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 9 N.m (80 lb in)
2	Instrument Panel Driver Knee Bolster Bracket

DRIVER KNEE BOLSTER BRACKET REPLACEMENT (RIGHT HAND DRIVE)

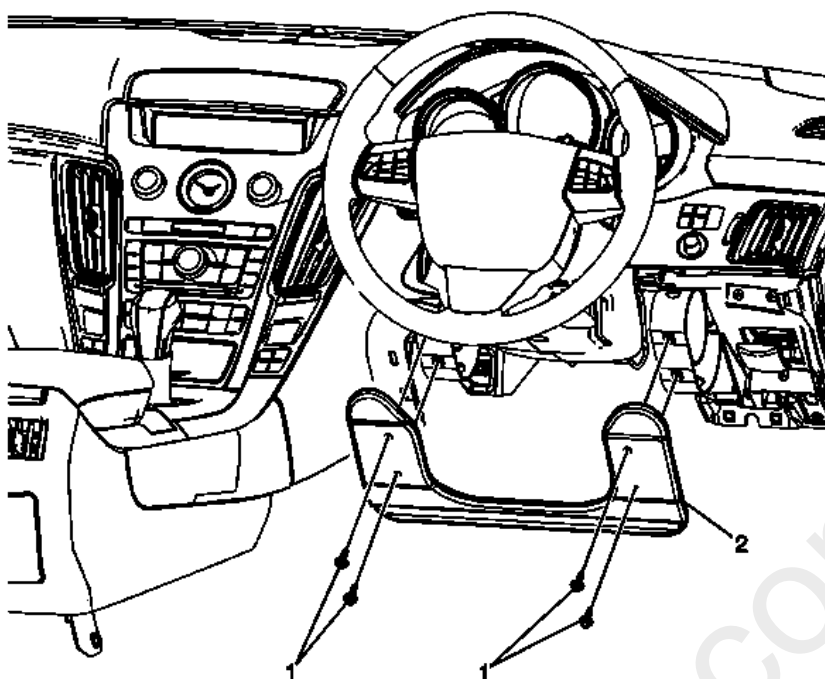


Fig. 8: Identifying Driver Knee Bolster Bracket (Right Hand Drive)
 Courtesy of GENERAL MOTORS COMPANY

Driver Knee Bolster Bracket Replacement (Right Hand Drive)

Callout	Component Name
Preliminary Procedure Remove the instrument panel driver knee bolster assembly. Refer to <u>Driver Knee Bolster Replacement (Right Hand Drive)</u>	
1	Instrument Panel Driver Knee Bolster Bracket Bolt (Qty: 4) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 9 N.m (80 lb in)
2	Instrument Panel Driver Knee Bolster Bracket

INSTRUMENT PANEL TRIM PLATE APPLIQUE REPLACEMENT - RIGHT SIDE (LEFT HAND DRIVE)

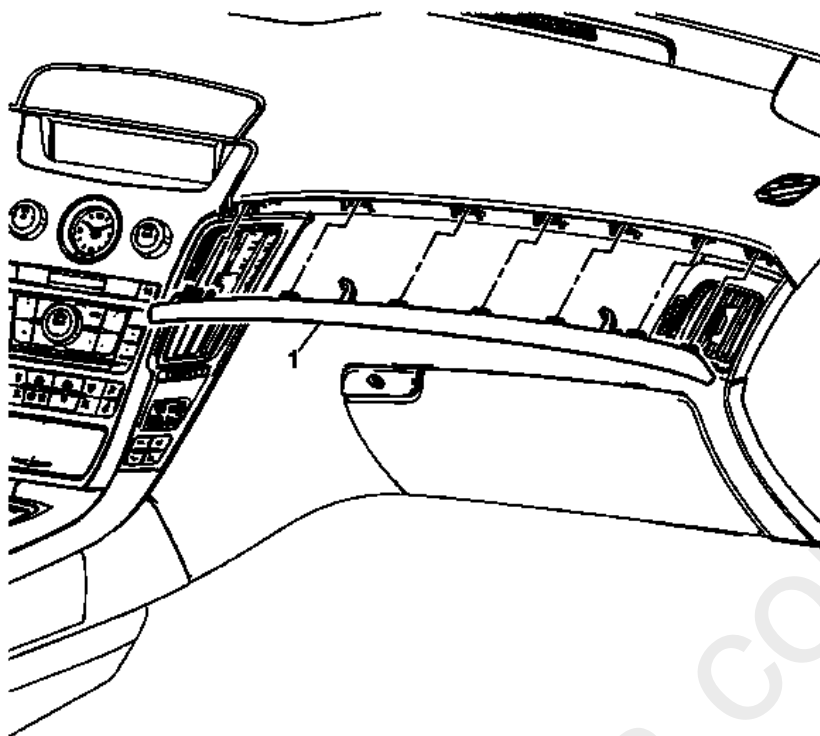


Fig. 9: Instrument Panel Trim Plate Applique Replacement - Right Side (Left Hand Drive)
 Courtesy of GENERAL MOTORS COMPANY

Instrument Panel Trim Plate Applique Replacement - Right Side (Left Hand Drive)

Callout	Component Name
1	Instrument Panel Trim Plate Applique Assembly CAUTION: To prevent component damage, DO NOT use metal tools to remove the trim. CAUTION: Be sure to follow the service procedure when removing the trim panel. Failure to follow service procedure may cause damage to the trim panel. Procedure 1. Use a flat bladed plastic trim tool in order to release the seven retaining clips securing the trim plate applique to the instrument panel. 2. Starting at the upper inboard corner, release the first retainer clip securing the applique to the instrument panel, then work outward releasing the remaining six retaining clips.

INSTRUMENT PANEL TRIM PLATE APPLIQUE REPLACEMENT - RIGHT SIDE (RIGHT HAND DRIVE)

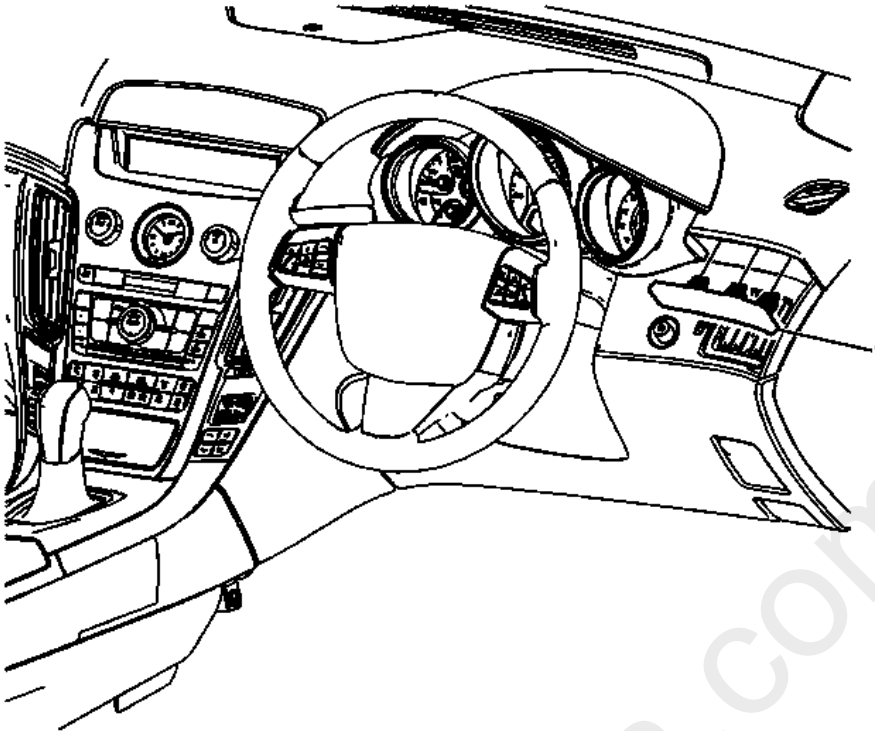


Fig. 10: Identifying Instrument Panel Trim Plate Applique - Right Side (Right Hand Drive)
 Courtesy of GENERAL MOTORS COMPANY

Instrument Panel Trim Plate Applique Replacement - Right Side (Right Hand Drive)

Callout	Component Name
1	Instrument Panel Trim Plate Applique Assembly CAUTION: To prevent component damage, DO NOT use metal tools to remove the trim. Procedure Use a flat bladed plastic trim tool in order to release the retaining clips securing the trim plate applique to the instrument panel.

INSTRUMENT PANEL TRIM PLATE APPLIQUE REPLACEMENT - LEFT SIDE (LEFT HAND DRIVE)

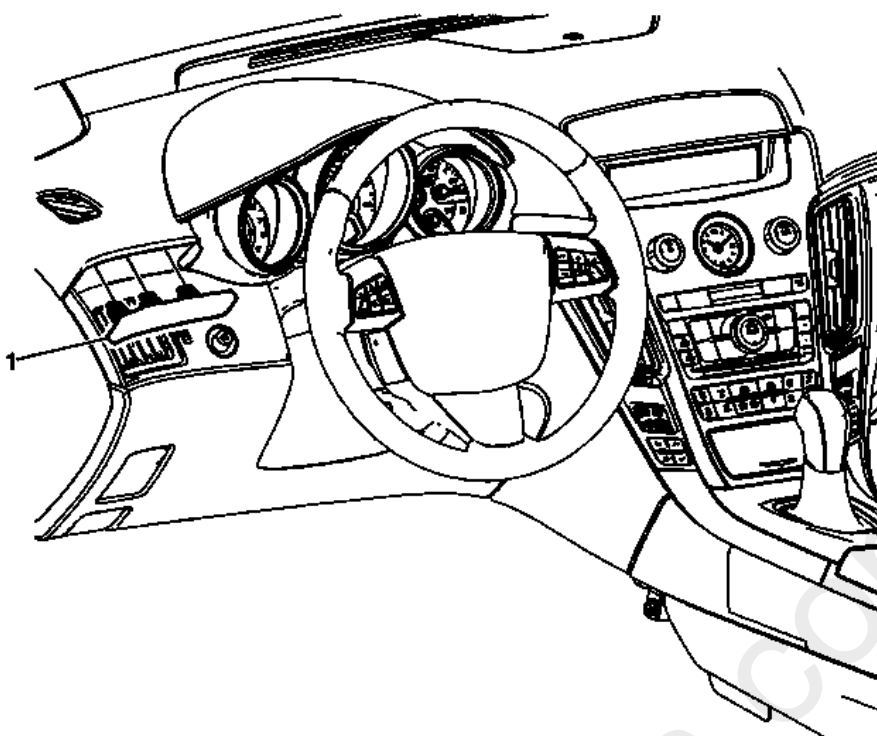


Fig. 11: Instrument Panel Trim Plate Applique Replacement - Left Side (Left Hand Drive)
 Courtesy of GENERAL MOTORS COMPANY

Instrument Panel Trim Plate Applique Replacement - Left Side (Left Hand Drive)

Callout	Component Name
1	Instrument Panel Trim Plate Applique Assembly CAUTION: To prevent component damage, DO NOT use metal tools to remove the trim. Procedure Use a flat bladed plastic trim tool in order to release the retaining clips securing the trim plate applique to the instrument panel.

INSTRUMENT PANEL TRIM PLATE APPLIQUE REPLACEMENT - LEFT SIDE (RIGHT HAND DRIVE)

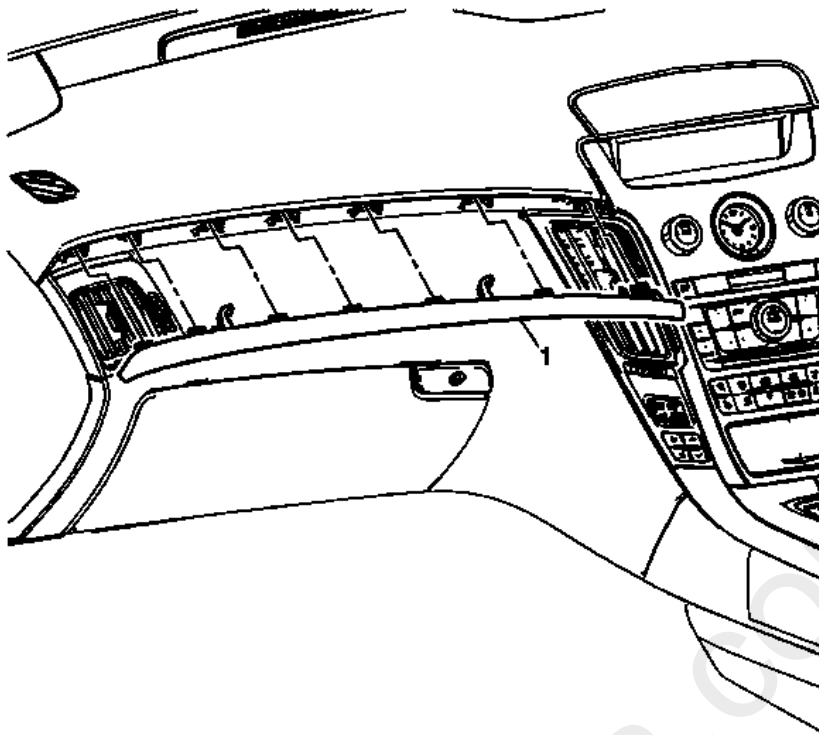


Fig. 12: Identifying Instrument Panel Trim Plate Applique - Left Side (Right Hand Drive)
 Courtesy of GENERAL MOTORS COMPANY

Instrument Panel Trim Plate Applique Replacement - Left Side (Right Hand Drive)

Callout	Component Name
1	Instrument Panel Trim Plate Applique Assembly CAUTION: To prevent component damage, DO NOT use metal tools to remove the trim. CAUTION: Be sure to follow the service procedure when removing the trim panel. Failure to follow service procedure may cause damage to the trim panel. Procedure 1. Use a flat bladed plastic trim tool in order to release the seven retaining clips securing the trim plate applique to the instrument panel. 2. Starting at the upper inboard corner, release the first retainer clip securing the applique to the instrument panel, then work outward releasing the remaining six retaining clips.

INSTRUMENT PANEL CENTER TRIM PLATE APPLIQUE REPLACEMENT (LEFT HAND DRIVE)



Fig. 13: Instrument Panel Trim Plate Applique - Center (Left Hand Drive)
 Courtesy of GENERAL MOTORS COMPANY

Instrument Panel Center Trim Plate Applique Replacement (Left Hand Drive)

Callout	Component Name
1	Instrument Panel Trim Plate Applique Assembly CAUTION: To prevent component damage, DO NOT use metal tools to remove the trim. Procedure Use a flat bladed plastic trim tool in order to release the retaining clips securing the trim plate applique to the instrument panel.

INSTRUMENT PANEL CENTER TRIM PLATE APPLIQUE REPLACEMENT (RIGHT HAND DRIVE)

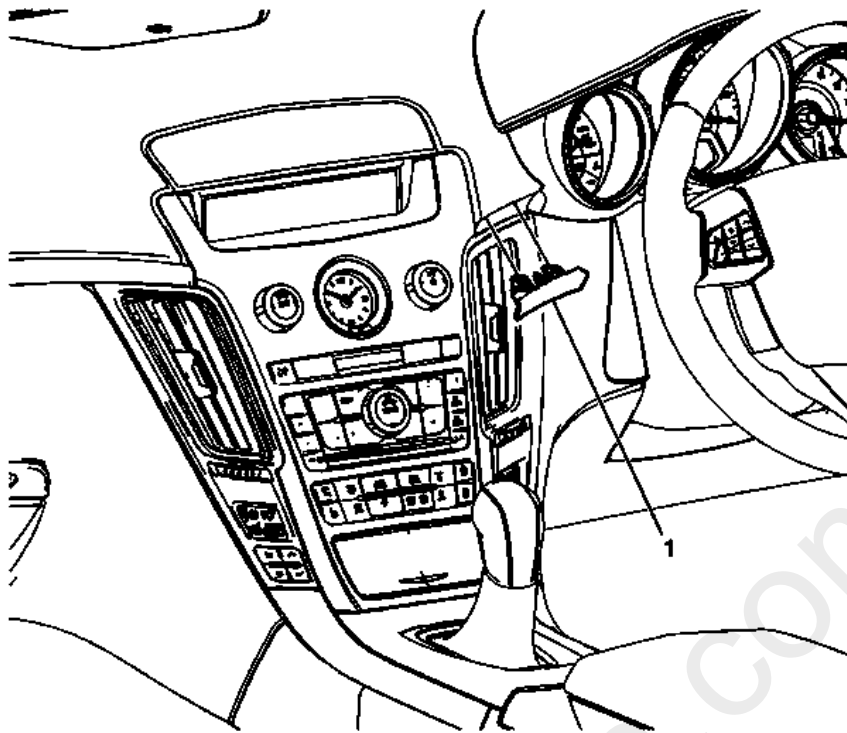


Fig. 14: Identifying Instrument Panel Trim Plate Applique - Center (Right Hand Drive)
 Courtesy of GENERAL MOTORS COMPANY

Instrument Panel Center Trim Plate Applique Replacement (Right Hand Drive)

Callout	Component Name
1	Instrument Panel Trim Plate Applique Assembly CAUTION: To prevent component damage, DO NOT use metal tools to remove the trim. Procedure Use a flat bladed plastic trim tool in order to release the retaining clips securing the trim plate applique to the instrument panel.

INSTRUMENT PANEL SIDE TRIM PANEL REPLACEMENT

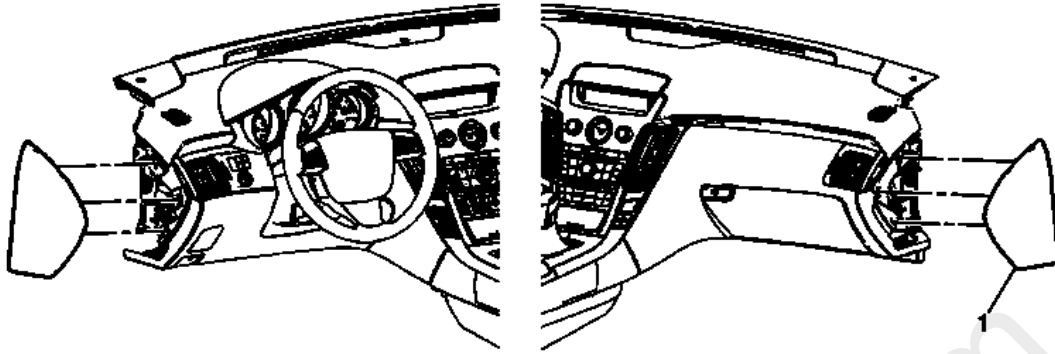


Fig. 15: Instrument Panel Side Trim Panel
 Courtesy of GENERAL MOTORS COMPANY

Instrument Panel Side Trim Panel Replacement

Callout	Component Name
1	Instrument Panel Side Trim Panel Assembly Procedure Use a flat bladed plastic trim tool in order to release the retaining clips securing the side trim panel to the instrument panel.

INSTRUMENT PANEL UPPER TRIM PANEL REPLACEMENT (LEFT HAND DRIVE)

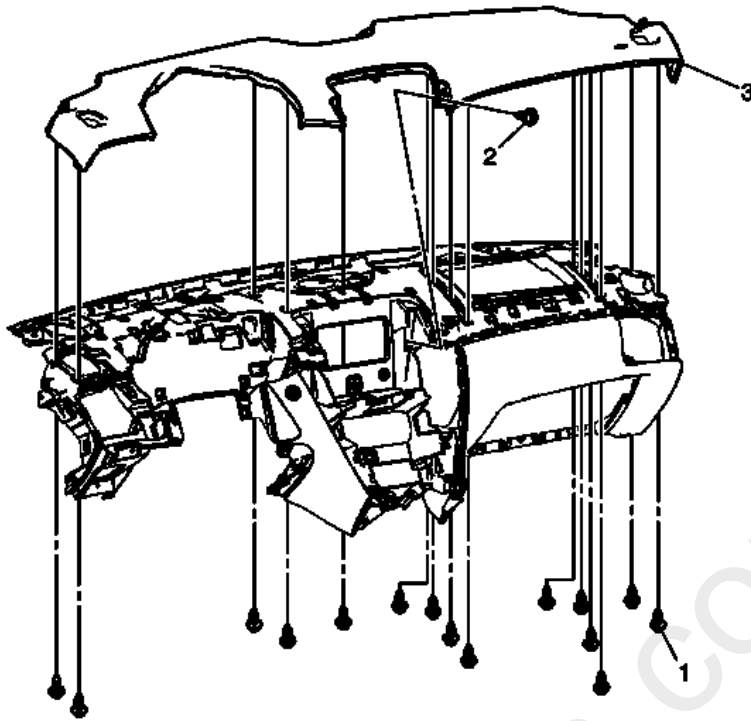


Fig. 16: Instrument Panel Upper Trim Panel (Left Hand Drive)

Courtesy of GENERAL MOTORS COMPANY

Instrument Panel Upper Trim Panel Replacement (Left Hand Drive)

Callout	Component Name
Preliminary Procedure Remove the instrument panel inflatable restraint module. Refer to Airbag Instrument Panel Module Replacement .	
1	Instrument Panel Upper Trim Panel Screw (Qty: 37) CAUTION: Refer to Fastener Caution . Tighten 2.5 N.m (22 lb in)
2	Instrument Panel Upper Trim Panel Tie-Down Screw (Qty: 1) Tighten 2.5 N.m (22 lb in)
3	Instrument Panel Upper Trim Panel Procedure 1. Grasp the upper trim panel and pull upward disengaging the retainer clips securing the upper trim panel to the lower trim panel.

2. When replacing the instrument panel upper trim panel assembly, transfer all necessary components.

INSTRUMENT PANEL UPPER TRIM PANEL REPLACEMENT (RIGHT HAND DRIVE)

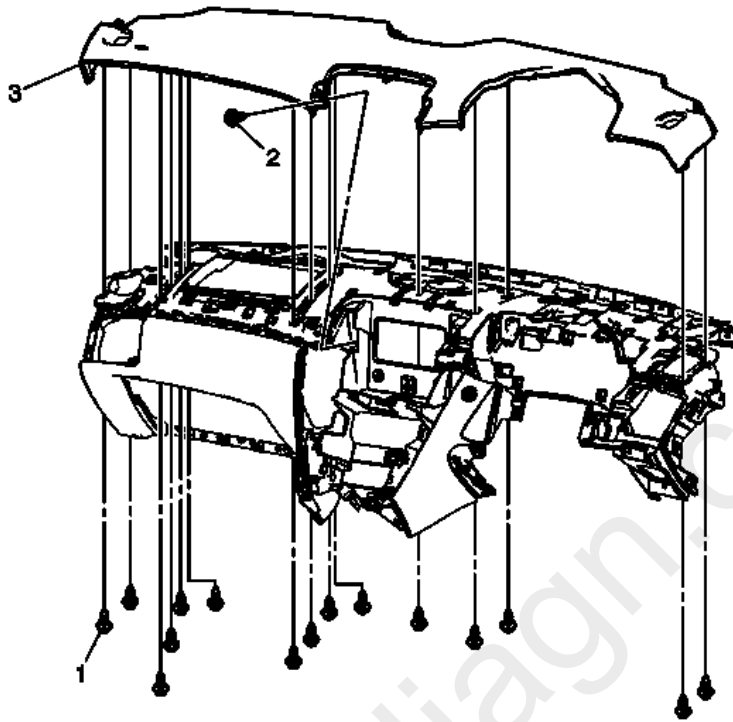


Fig. 17: Identifying Instrument Panel Upper Trim Panel (Right Hand Drive)

Courtesy of GENERAL MOTORS COMPANY

Instrument Panel Upper Trim Panel Replacement (Right Hand Drive)

Callout	Component Name
Preliminary Procedure Remove the instrument panel inflatable restraint module. Refer to Airbag Instrument Panel Module Replacement .	
1	Instrument Panel Upper Trim Panel Screw (Qty: 37) CAUTION: Refer to Fastener Caution . Tighten 2.5 N.m (22 lb in)
2	Instrument Panel Upper Trim Panel Tie-Down Screw (Qty: 1) Tighten 2.5 N.m (22 lb in)

3	Instrument Panel Upper Trim Panel
	Procedure 1. Grasp the upper trim panel and pull upward disengaging the retainer clips securing the upper trim panel to the lower trim panel. 2. When replacing the instrument panel upper trim panel assembly, transfer all necessary components.

INSTRUMENT PANEL CLUSTER TRIM PLATE COVER REPLACEMENT (LEFT HAND DRIVE)

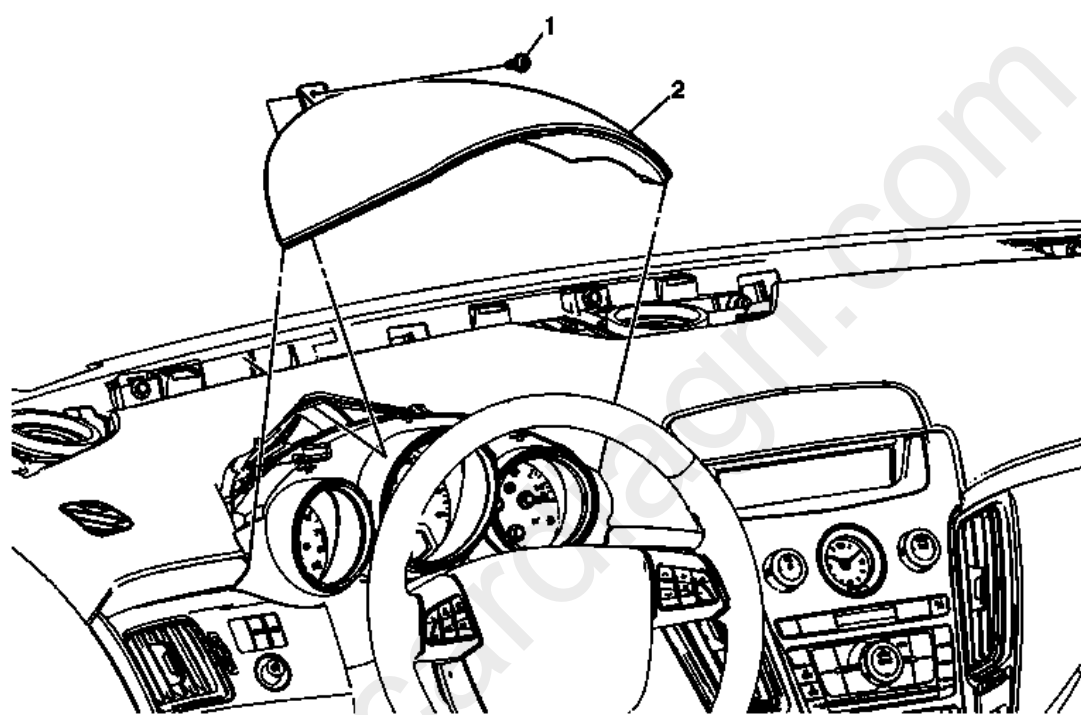


Fig. 18: Instrument Panel Cluster Trim Plate Cover (Left Hand Drive)
Courtesy of GENERAL MOTORS COMPANY

Instrument Panel Cluster Trim Plate Cover Replacement (Left Hand Drive)

Callout	Component Name
Preliminary Procedure Remove the windshield defroster grill assembly. Refer to <u>Windshield Defroster Nozzle Grille Replacement (Left Hand Drive)</u> .	
1	Instrument Panel Cluster Trim Plate Cover Screw (Qty: 1) CAUTION: Refer to <u>Fastener Caution</u> .

	Tighten 2 N.m (18 lb in)
2	Instrument Panel Cluster Trim Plate Cover Assembly

INSTRUMENT PANEL CLUSTER TRIM PLATE COVER REPLACEMENT (RIGHT HAND DRIVE)

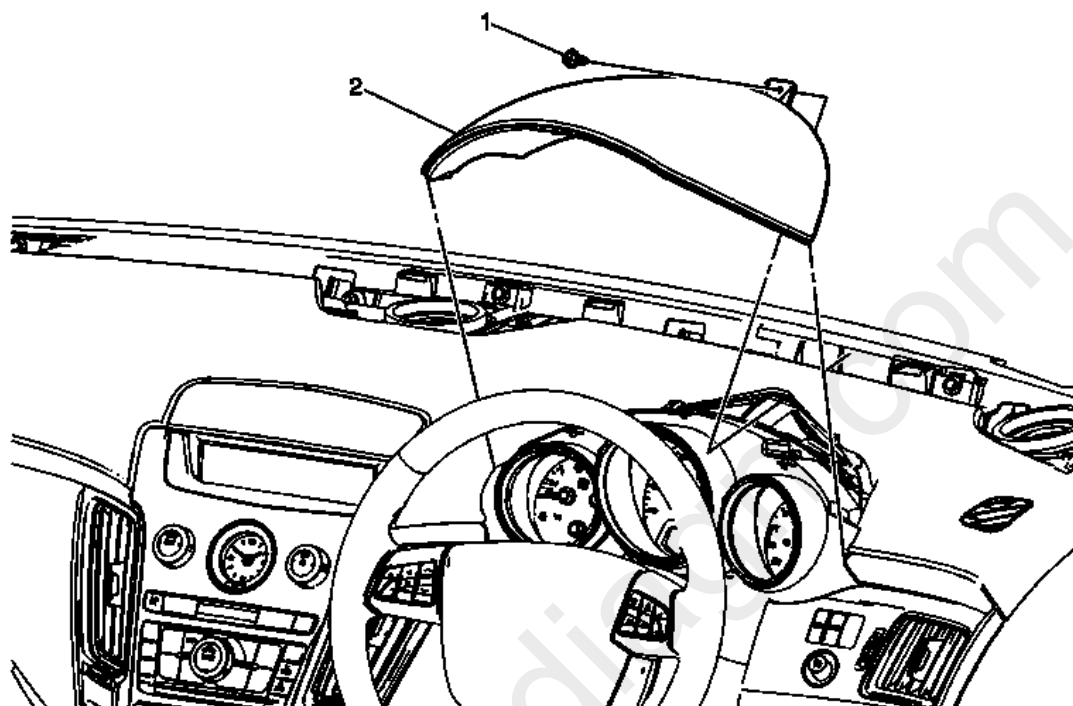


Fig. 19: Identifying Instrument Panel Cluster Trim Plate Cover (Right Hand Drive)
Courtesy of GENERAL MOTORS COMPANY

Instrument Panel Cluster Trim Plate Cover Replacement (Right Hand Drive)

Callout	Component Name
Preliminary Procedure Remove the windshield defroster grill assembly. Refer to <u>Windshield Defroster Nozzle Grille Replacement (Right Hand Drive)</u> .	
1	Instrument Panel Cluster Trim Plate Cover Screw (Qty: 1) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 2 N.m (18 lb in)
2	Instrument Panel Cluster Trim Plate Cover Assembly

INSTRUMENT PANEL LOWER TRIM PANEL REPLACEMENT (LEFT HAND DRIVE)

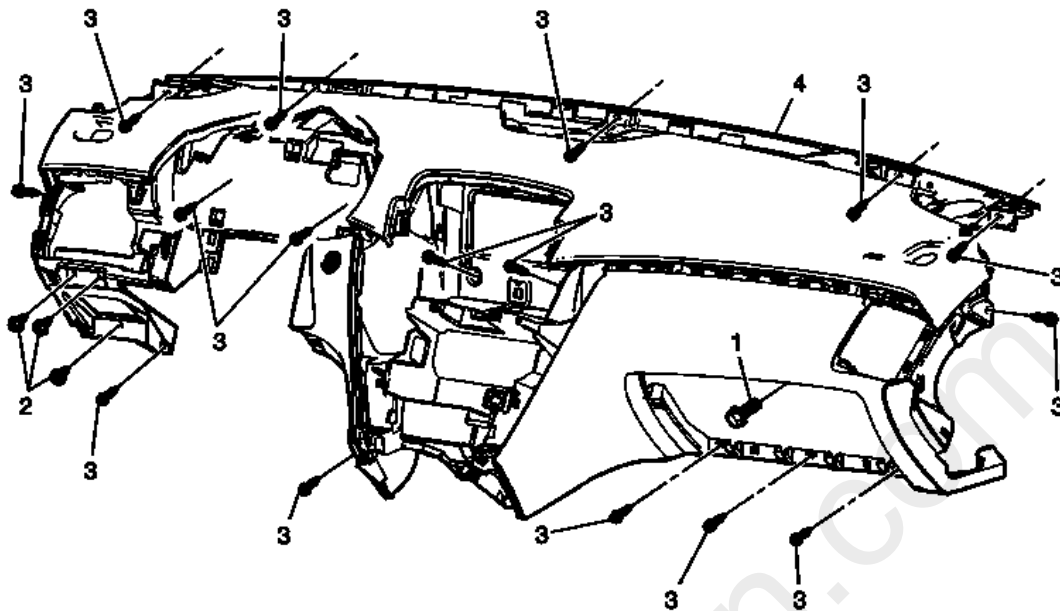


Fig. 20: Instrument Panel Lower Trim Panel (Left Hand Drive)
Courtesy of GENERAL MOTORS COMPANY

Instrument Panel Lower Trim Panel Replacement (Left Hand Drive)

Callout	Component Name
Preliminary Procedure	
1.	Remove the front floor console assembly. Refer to <u>Front Floor Console Replacement (Left Hand Drive)</u> .
2.	Disable the SIR system. Refer to <u>SIR Disabling and Enabling</u> .
3.	Remove the radio front speakers. Refer to <u>Radio Front Speaker Replacement</u> .
4.	Remove the radio. Refer to <u>Radio Replacement</u> .
5.	Remove the radio, video, audio disc player, and navigation information display assembly, if equipped. Refer to <u>Radio, Video, and Audio Player and Navigation Information Display Replacement</u> .
6.	Remove the left and right instrument panel insulators. Refer to <u>Instrument Panel Insulator Replacement - Left Side (Left Hand Drive)</u> , and <u>Instrument Panel Insulator Replacement - Right Side (Left Hand Drive)</u> .
7.	Remove the steering column assembly. Refer to <u>Steering Column Replacement</u> .
8.	Remove the instrument panel cluster assembly. Refer to <u>Instrument Cluster Replacement (Left Hand Drive)</u> , <u>Instrument Cluster Replacement (Right Hand Drive)</u> .
9.	Remove the instrument panel compartment assembly. Refer to <u>Instrument Panel Compartment</u>

Replacement (Left Hand Drive).

10. Remove the right, left, and center instrument panel trim panel appliques. Refer to **Instrument Panel Trim Plate Applique Replacement - Right Side (Left Hand Drive)** and **Instrument Panel Trim Plate Applique Replacement - Left Side (Left Hand Drive)**, and **Instrument Panel Center Trim Plate Applique Replacement (Left Hand Drive)**.
11. Remove the right and left instrument panel flood lamp assemblies. Refer to **Instrument Panel Flood Lamp Replacement - Left Side** , and **Instrument Panel Flood Lamp Replacement - Right Side** .
12. Remove the left and right instrument panel air outlet deflector assemblies. Refer to **Instrument Panel Outer Air Outlet Deflector Replacement - Left Side** , and **Instrument Panel Outer Air Outlet Deflector Replacement - Right Side** .
13. Prior to removal of the instrument panel lower trim panel assembly, note the routing of the instrument panel wiring harness and connector locations to ensure proper reinstallation.

1	Instrument Panel Inflatable Restraint Bolt (Qty: 1) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 10 N.m (89 lb in)
2	Parking Brake Lever Bracket Reinforcement Screw (Qty: 3) Tighten 2.5 N.m (22 lb in)
3	Instrument Panel Lower Trim Panel Bolt/Screws (Qty: 16) Tighten 2.5 N.m (22 lb in)
4	Instrument Panel Lower Trim Panel Assembly Procedure 1. Disconnect the instrument panel wiring harness from the instrument panel lower trim panel assembly and position out of the way. 2. When replacing the instrument panel lower trim panel assembly, transfer all necessary components.

INSTRUMENT PANEL LOWER TRIM PANEL REPLACEMENT (RIGHT HAND DRIVE)

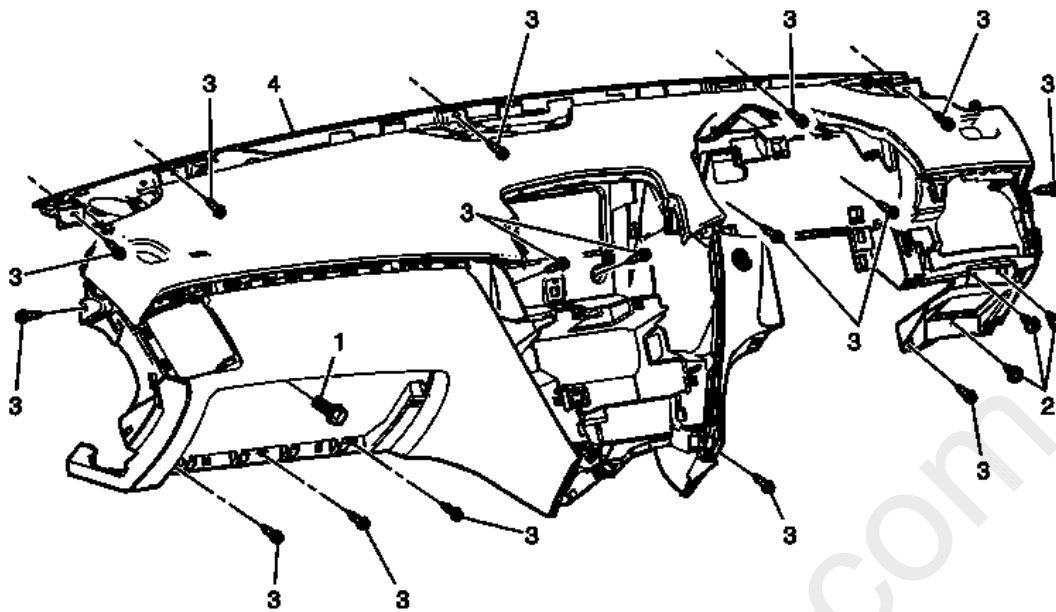


Fig. 21: Identifying Instrument Panel Lower Trim Panel (Right Hand Drive)
 Courtesy of GENERAL MOTORS COMPANY

Instrument Panel Lower Trim Panel Replacement (Right Hand Drive)

Callout	Component Name
Preliminary Procedure	
1.	Remove the front floor console assembly. Refer to <u>Front Floor Console Replacement (Right Hand Drive)</u> .
2.	Disable the SIR system. Refer to <u>SIR Disabling and Enabling</u> .
3.	Remove the radio front speakers. Refer to <u>Radio Front Speaker Replacement</u> .
4.	Remove the radio. Refer to <u>Radio Replacement</u> .
5.	Remove the radio, video, audio disc player, and navigation information display assembly, if equipped. Refer to <u>Radio, Video, and Audio Player and Navigation Information Display Replacement</u> .
6.	Remove the left and right instrument panel insulators. Refer to <u>Instrument Panel Insulator Replacement - Left Side (Right Hand Drive)</u> and <u>Instrument Panel Insulator Replacement - Right Side (Right Hand Drive)</u> .
7.	Remove the steering column assembly. Refer to <u>Steering Column Replacement</u> .
8.	Remove the instrument panel cluster assembly. Refer to <u>Instrument Cluster Replacement (Left Hand Drive)</u> , <u>Instrument Cluster Replacement (Right Hand Drive)</u> .
9.	Remove the instrument panel compartment assembly. Refer to <u>Instrument Panel Compartment Replacement (Right Hand Drive)</u> .

10. Remove the right, left, and center instrument panel trim panel appliques. Refer to **Instrument Panel Trim Plate Applique Replacement - Right Side (Right Hand Drive)**, and **Instrument Panel Trim Plate Applique Replacement - Left Side (Right Hand Drive)**, **Instrument Panel Center Trim Plate Applique Replacement (Right Hand Drive)**.
11. Remove the right and left instrument panel flood lamp assemblies. Refer to **Instrument Panel Flood Lamp Replacement - Left Side** , and **Instrument Panel Flood Lamp Replacement - Right Side** .
12. Remove the left and right instrument panel air outlet deflector assemblies. Refer to **Instrument Panel Outer Air Outlet Deflector Replacement - Left Side** , and **Instrument Panel Outer Air Outlet Deflector Replacement - Right Side** .
13. Prior to removal of the instrument panel lower trim panel assembly, note the routing of the instrument panel wiring harness and connector locations to ensure proper reinstallation.

1	Instrument Panel Inflatable Restraint Bolt (Qty: 1) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 10 N.m (89 lb in)
2	Parking Brake Lever Bracket Reinforcement Screw (Qty: 3) Tighten 2.5 N.m (22 lb in)
3	Instrument Panel Lower Trim Panel Bolt/Screws (Qty: 16) Tighten 2.5 N.m (22 lb in)
4	Instrument Panel Lower Trim Panel Assembly Procedure 1. Disconnect the instrument panel wiring harness from the instrument panel lower trim panel assembly and position out of the way. 2. When replacing the instrument panel lower trim panel assembly, transfer all necessary components.

INSTRUMENT PANEL CENTER COMPARTMENT REPLACEMENT

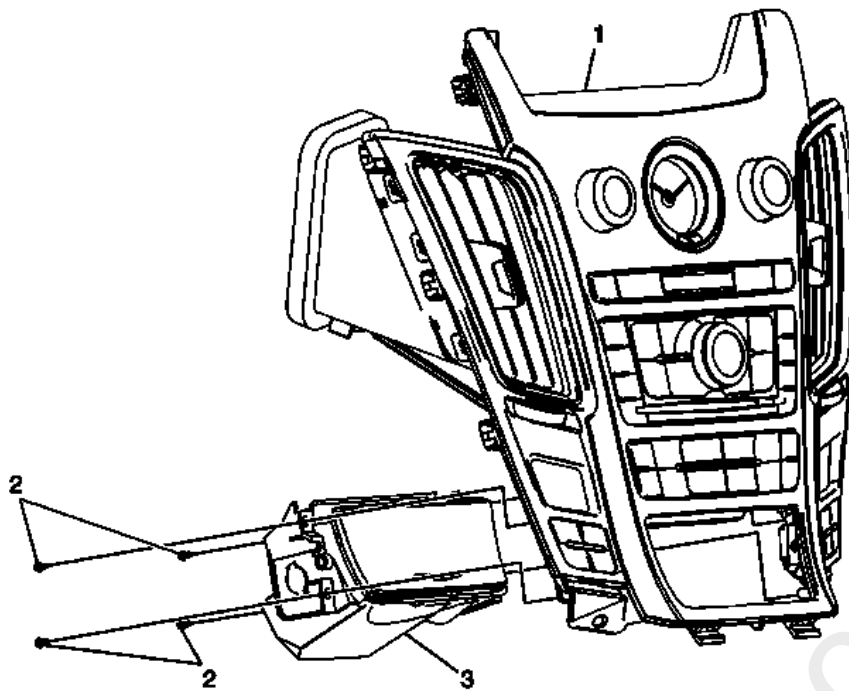


Fig. 22: Instrument Panel Center Compartment
 Courtesy of GENERAL MOTORS COMPANY

Instrument Panel Center Compartment Replacement

Callout	Component Name
1	AM/FM Stereo, Clock, and CD Player Radio Control Assembly Refer to <u>Radio Control Assembly Replacement (with Navigation Display)</u> , <u>Radio Control Assembly Replacement (without Navigation Display)</u> .
2	Instrument Panel Center Compartment Screw (Qty: 4) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 1 N.m (9 lb in)
3	Instrument Panel Center Compartment Assembly

INSTRUMENT PANEL COMPARTMENT REPLACEMENT (LEFT HAND DRIVE)

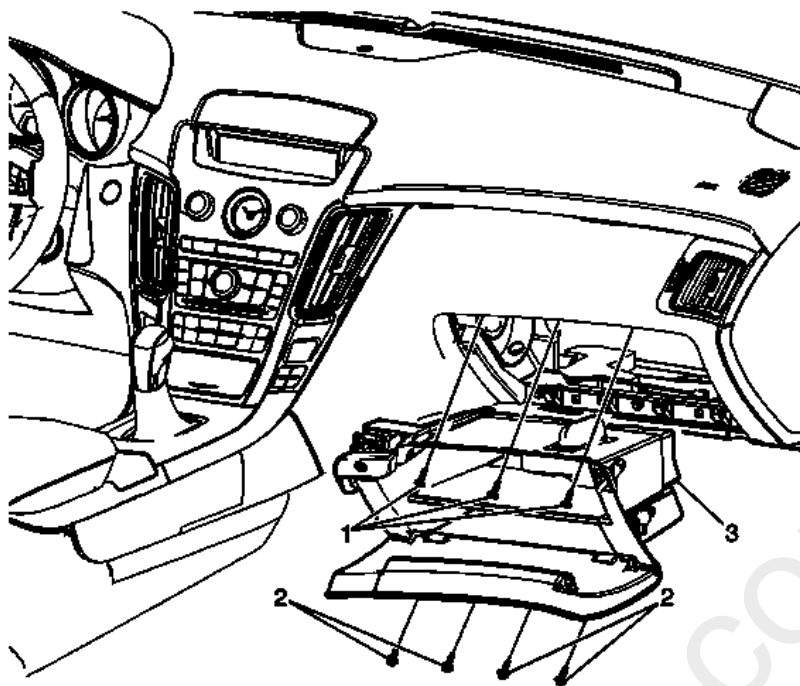


Fig. 23: Instrument Panel Compartment (Left Hand Drive)

Courtesy of GENERAL MOTORS COMPANY

Instrument Panel Compartment Replacement (Left Hand Drive)

Callout	Component Name
1	Instrument Panel Compartment Screw (Qty: 3) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 2.5 N.m (22 lb in)
2	Instrument Panel Compartment Bolt (Qty: 4) Tighten 2.5 N.m (22 lb in)
3	Instrument Panel Compartment Assembly Procedure 1. Disconnect the electrical connections. 2. When replacing the instrument panel compartment assembly, transfer all necessary components.

INSTRUMENT PANEL COMPARTMENT REPLACEMENT (RIGHT HAND DRIVE)

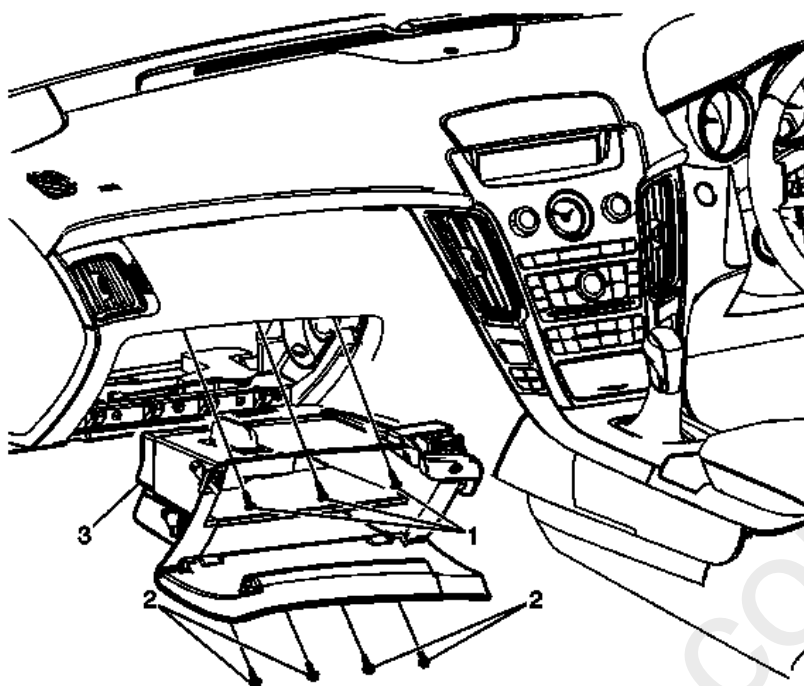


Fig. 24: Identifying Instrument Panel Compartment (Right Hand Drive)
 Courtesy of GENERAL MOTORS COMPANY

Instrument Panel Compartment Replacement (Right Hand Drive)

Callout	Component Name
1	Instrument Panel Compartment Screw (Qty: 3) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 2.5 N.m (22 lb in)
2	Instrument Panel Compartment Bolt (Qty: 4) Tighten 2.5 N.m (22 lb in)
3	Instrument Panel Compartment Assembly Procedure 1. Disconnect the electrical connections. 2. When replacing the instrument panel compartment assembly, transfer all necessary components.

INSTRUMENT PANEL COMPARTMENT DOOR LATCH REPLACEMENT

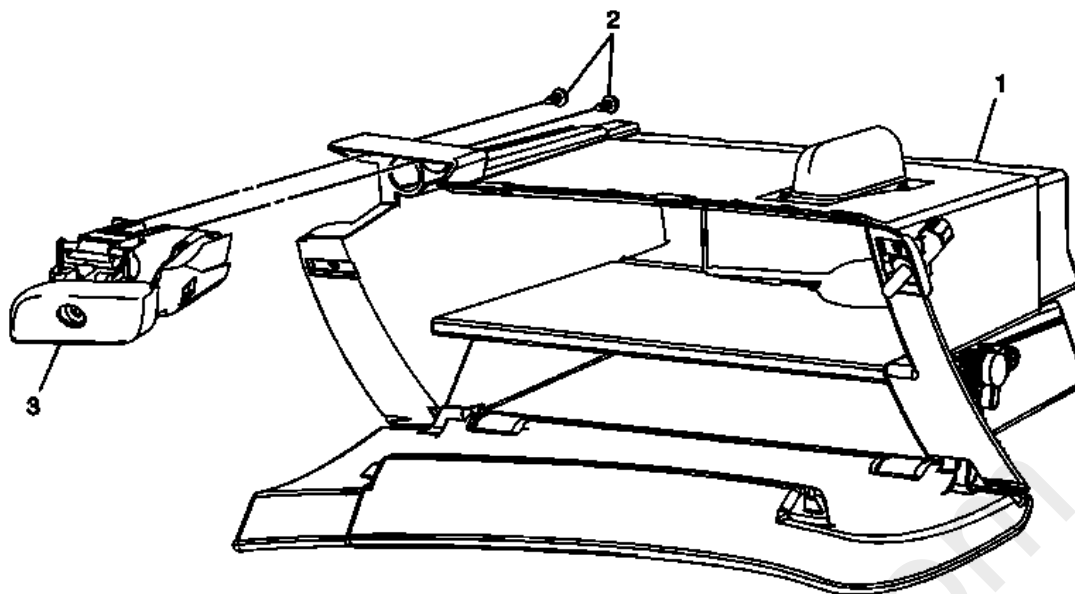


Fig. 25: Instrument Panel Compartment Door Latch Trim Cover
Courtesy of GENERAL MOTORS COMPANY

Instrument Panel Compartment Door Latch Replacement

Callout	Component Name
1	Instrument Panel Compartment Assembly Refer to <u>Instrument Panel Compartment Replacement (Right Hand Drive)</u> , <u>Instrument Panel Compartment Replacement (Left Hand Drive)</u> .
2	Instrument Panel Compartment Door Latch Screw (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 2.5 N.m (22 lb in)
3	Instrument Panel Compartment Door Latch Assembly

INSTRUMENT PANEL COMPARTMENT DOOR LATCH TRIM COVER REPLACEMENT

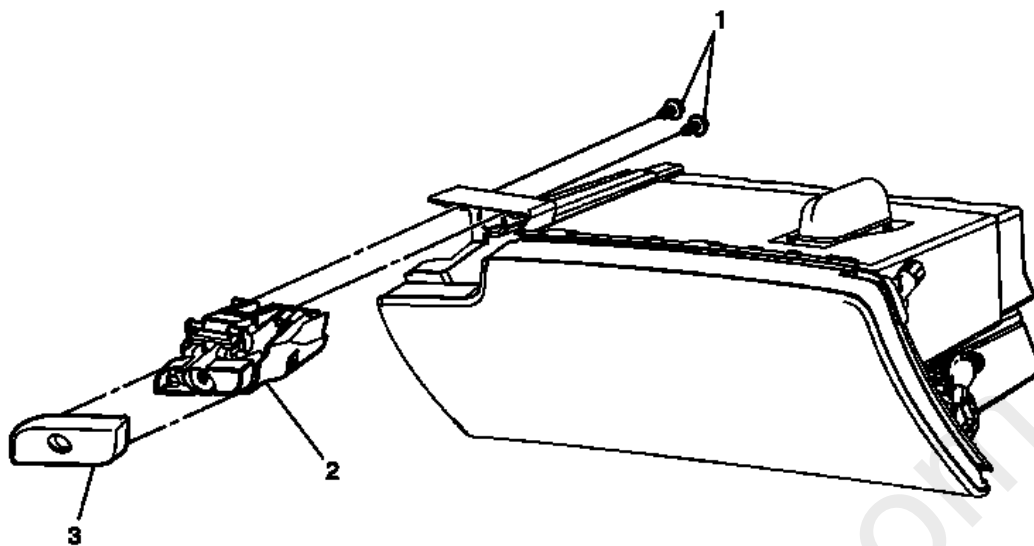


Fig. 26: Identifying Instrument Panel Compartment Door Latch Trim Cover
 Courtesy of GENERAL MOTORS COMPANY

Instrument Panel Compartment Door Latch Trim Cover Replacement

Callout	Component Name
Preliminary Procedure Remove the instrument compartment assembly. Refer to <u>Instrument Panel Compartment Replacement (Right Hand Drive)</u> , <u>Instrument Panel Compartment Replacement (Left Hand Drive)</u> .	
1	Instrument Panel Compartment Door Latch Screw (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 2.5 N.m (22 lb in)
2	Instrument Panel Compartment Door Latch Assembly
3	Instrument Panel Compartment Door Latch Trim Procedure Unsnap the instrument panel compartment door latch trim from the latch assembly.

INSTRUMENT PANEL COMPARTMENT DOOR LOCK CYLINDER REPLACEMENT

Removal Procedure

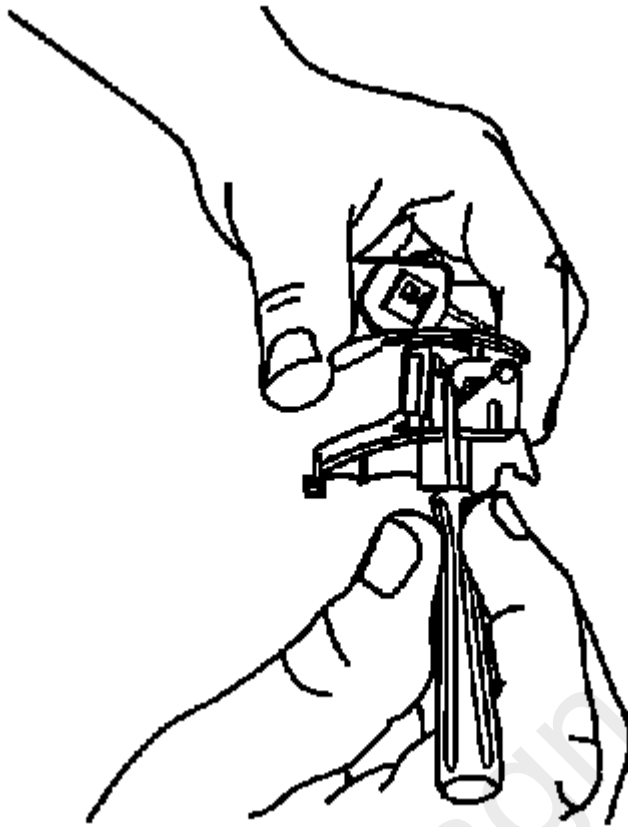


Fig. 27: Depressing Retainer Tumbler Through Poke Hole
Courtesy of GENERAL MOTORS COMPANY

1. Remove the instrument panel compartment latch. Refer to **Instrument Panel Compartment Door Latch Replacement**.
2. Remove the instrument panel compartment door latch trim cover from the latch assembly. Refer to **Instrument Panel Compartment Door Latch Trim Cover Replacement**.
3. Position the instrument panel compartment latch fork bolt in the up position.
4. Insert the key into the instrument panel compartment lock cylinder.
5. Rotate the instrument panel compartment lock cylinder clockwise to the 3 o'clock position with the key.
6. 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.

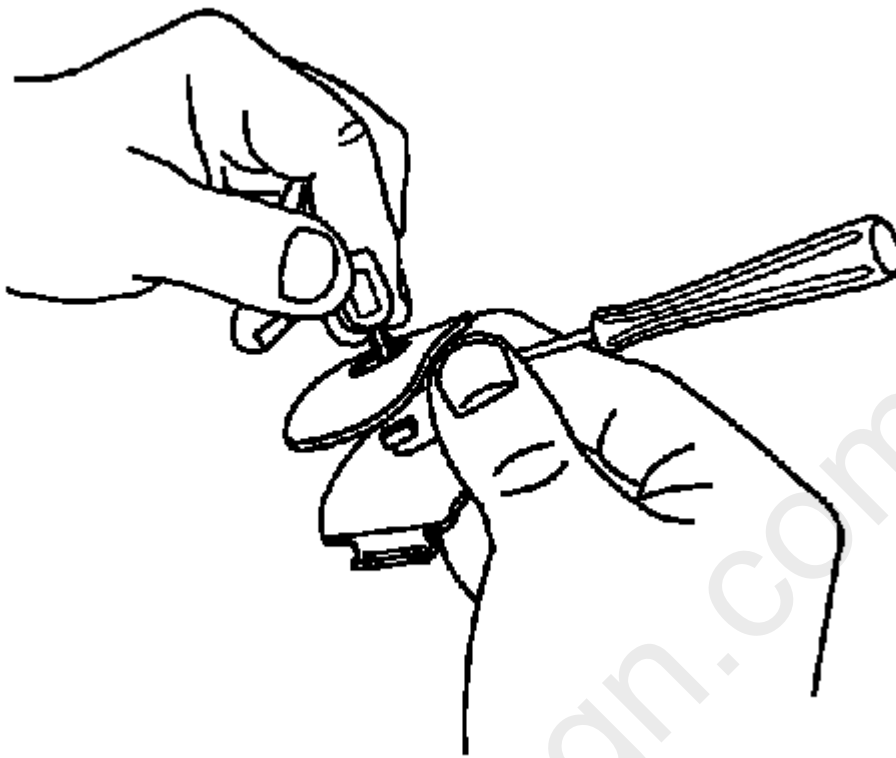


Fig. 28: Rotating Key To 5 O'Clock
Courtesy of GENERAL MOTORS COMPANY

7. 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.

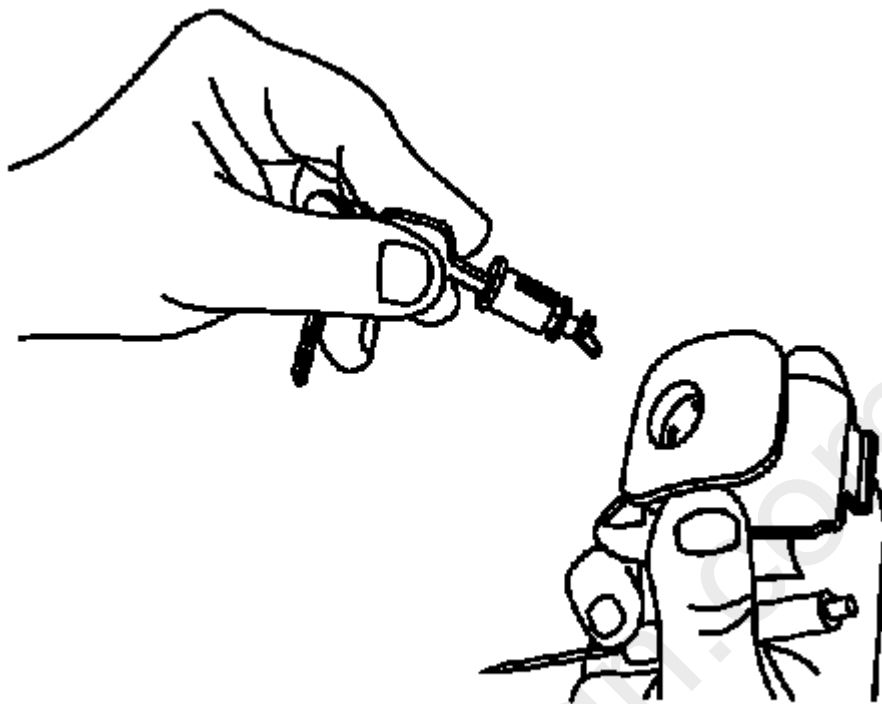


Fig. 29: Identifying I/P Compartment Door Lock Cylinder
Courtesy of GENERAL MOTORS COMPANY

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

Installation Procedure

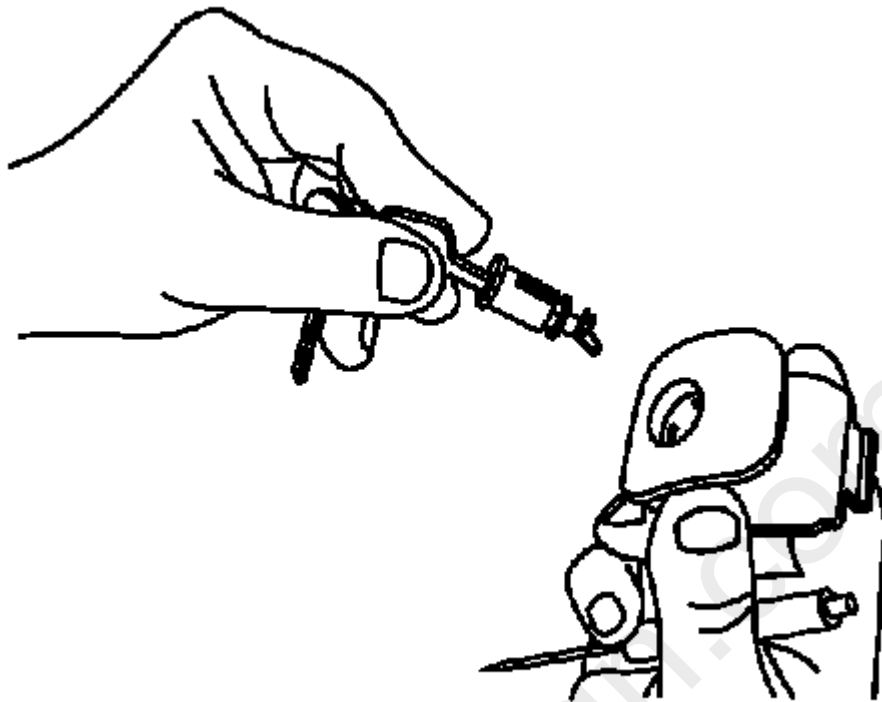


Fig. 30: Identifying I/P Compartment Door Lock Cylinder
Courtesy of GENERAL MOTORS COMPANY

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 door latch trim cover. Refer to **Instrument Panel Compartment Door Latch Trim Cover Replacement**.
8. Install the instrument panel compartment latch. Refer to **Instrument Panel Compartment Door Latch Replacement**.

WINDSHIELD DEFROSTER NOZZLE GRILLE REPLACEMENT (LEFT HAND DRIVE)

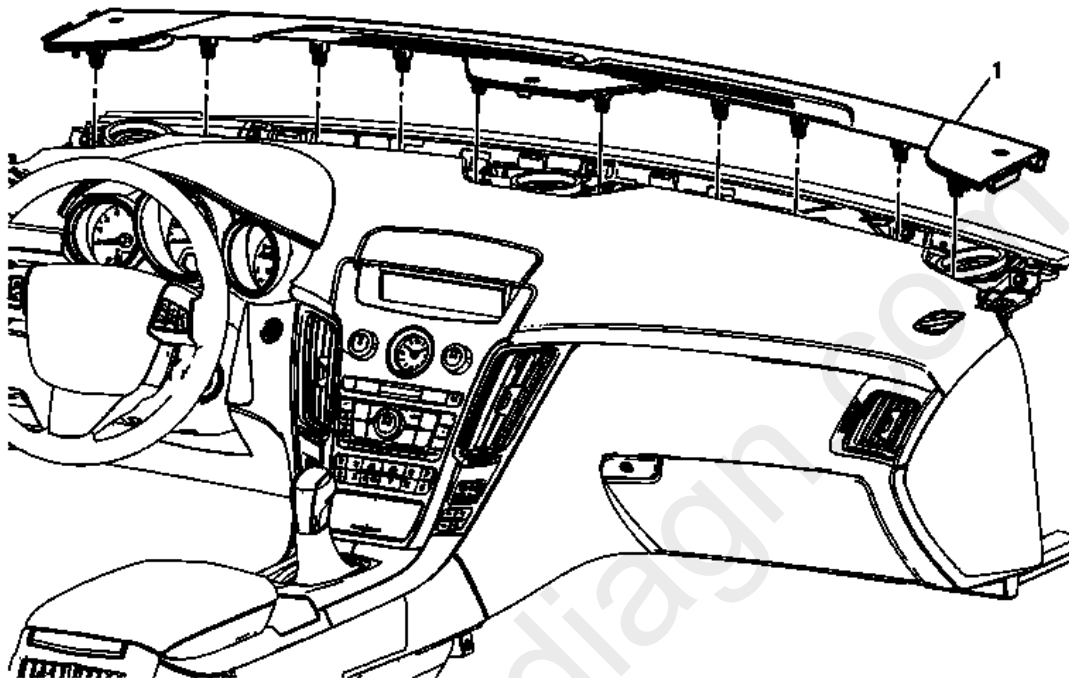


Fig. 31: Windshield Defroster Nozzle Grille (Left Hand Drive)

Courtesy of GENERAL MOTORS COMPANY

Windshield Defroster Nozzle Grille Replacement (Left Hand Drive)

Callout	Component Name
Preliminary Procedure Remove the windshield side garnish moldings. Refer to <u>Windshield Side Garnish Molding Replacement</u> .	
1	Windshield Defroster Nozzle Grille Assembly CAUTION: To prevent component damage, DO NOT use metal tools to remove the trim. CAUTION: Be sure to follow the service procedure when removing the trim panel. Failure to follow service procedure may cause damage to the trim panel.

Procedure

1. Use a flat bladed plastic trim tool in order to release the ten retaining clips securing the windshield defroster nozzle grille to the instrument panel.
2. Disconnect the electrical connections.
3. When replacing the windshield defroster nozzle grille assembly, transfer all necessary components.

WINDSHIELD DEFROSTER NOZZLE GRILLE REPLACEMENT (RIGHT HAND DRIVE)

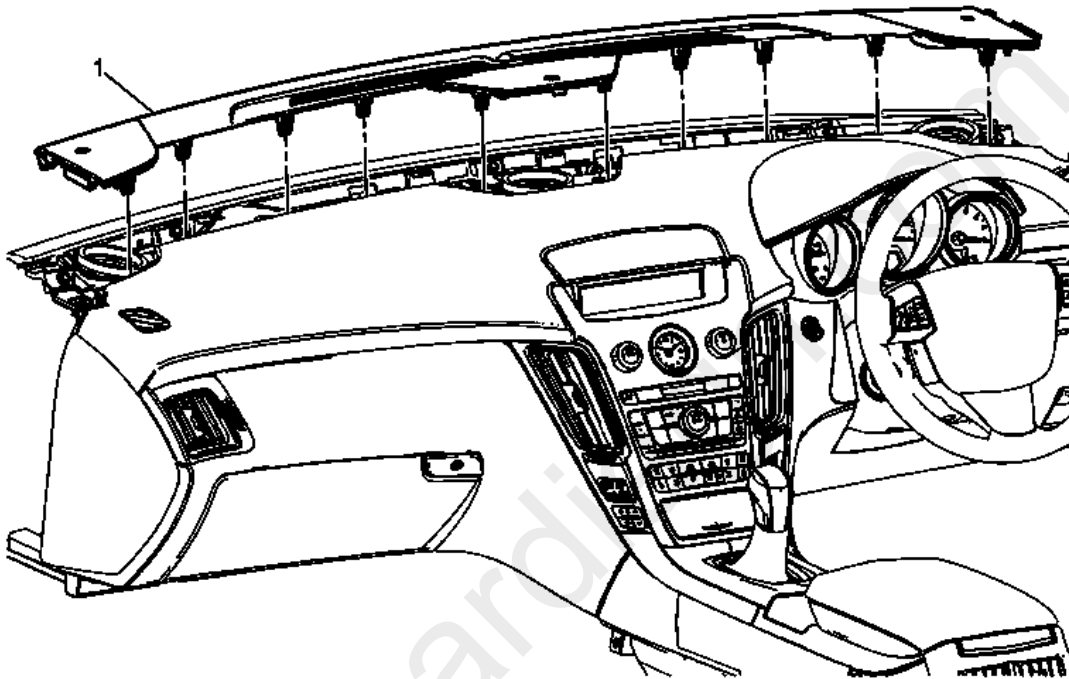


Fig. 32: Identifying Windshield Defroster Nozzle Grille (Right Hand Drive)

Courtesy of GENERAL MOTORS COMPANY

Windshield Defroster Nozzle Grille Replacement (Right Hand Drive)

Callout	Component Name
Preliminary Procedure	
Remove the windshield side garnish moldings. Refer to <u>Windshield Side Garnish Molding Replacement</u> .	
	Windshield Defroster Nozzle Grille Assembly
	CAUTION: To prevent component damage, DO NOT use metal tools to remove the trim.
	CAUTION:

1	Be sure to follow the service procedure when removing the trim panel. Failure to follow service procedure may cause damage to the trim panel.
	Procedure 1. Use a flat bladed plastic trim tool in order to release the ten retaining clips securing the windshield defroster nozzle grille to the instrument panel. 2. Disconnect the electrical connections. 3. When replacing the windshield defroster nozzle grille assembly, transfer all necessary components.

INSTRUMENT PANEL UPPER TRIM COVER REPLACEMENT (LEFT HAND DRIVE)

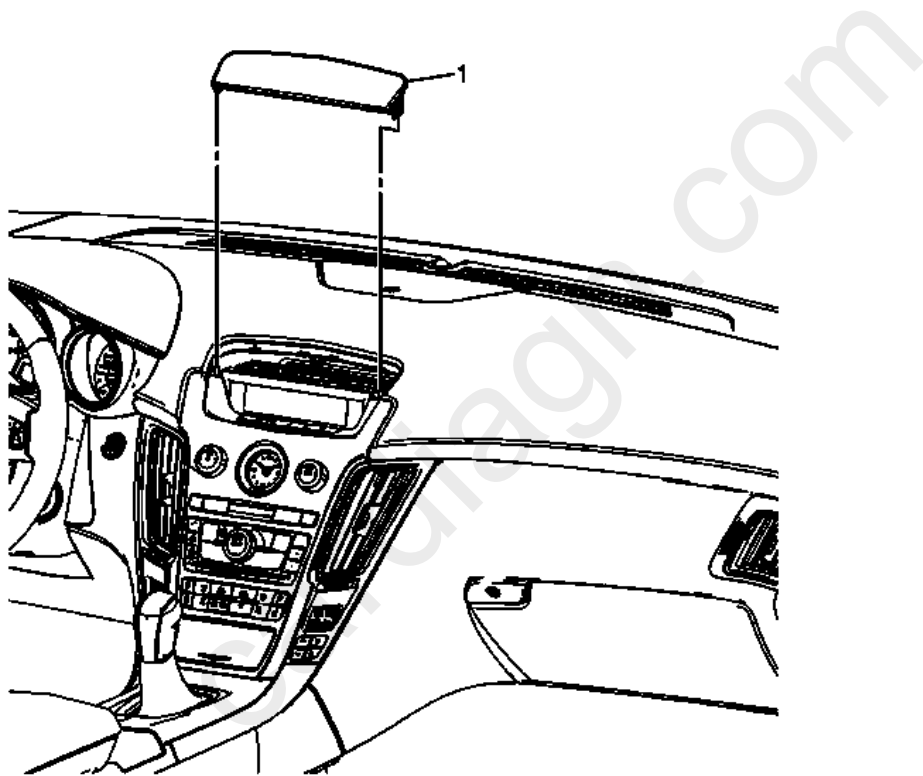


Fig. 33: Instrument Panel Upper Trim Cover (Left Hand Drive)
 Courtesy of GENERAL MOTORS COMPANY

Instrument Panel Upper Trim Cover Replacement (Left Hand Drive)

Callout	Component Name
1	Instrument Panel Upper Cover Procedure Use a flat bladed plastic trim tool in order to release the retainer clips securing the cover to the instrument panel.

INSTRUMENT PANEL UPPER TRIM COVER REPLACEMENT (RIGHT HAND DRIVE)

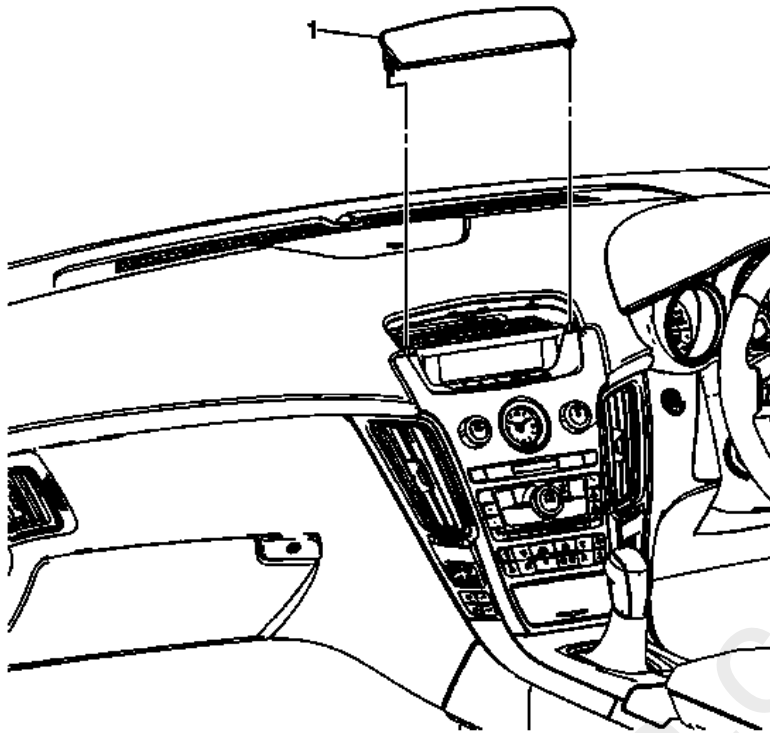


Fig. 34: Identifying Instrument Panel Upper Trim Cover (Right Hand Drive)
 Courtesy of GENERAL MOTORS COMPANY

Instrument Panel Upper Trim Cover Replacement (Right Hand Drive)

Callout	Component Name
1	Instrument Panel Upper Cover Procedure Use a flat bladed plastic trim tool in order to release the retainer clips securing the cover to the instrument panel.

INSTRUMENT PANEL CARRIER BRACKET REPLACEMENT

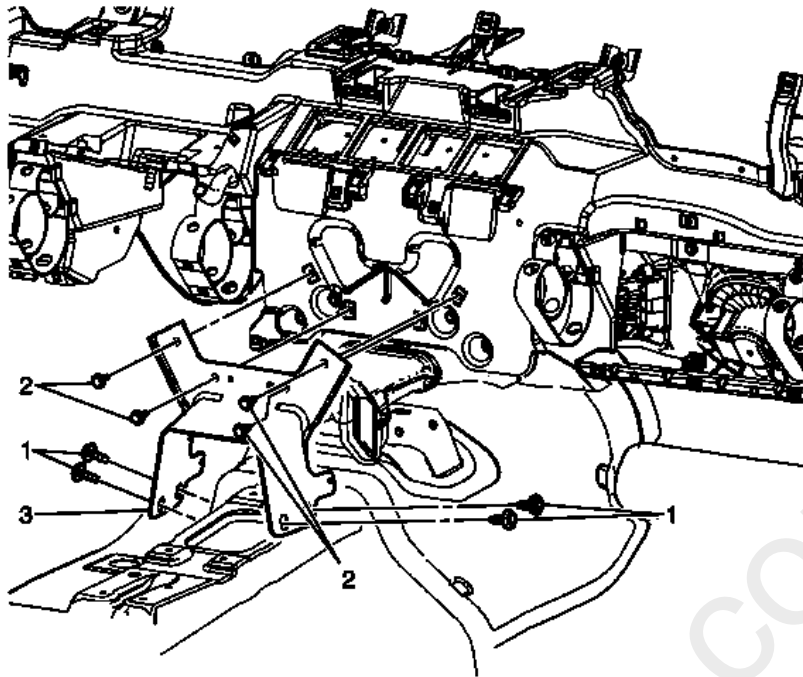


Fig. 35: Identifying Instrument Panel Carrier Bracket
 Courtesy of GENERAL MOTORS COMPANY

Instrument Panel Carrier Bracket Replacement

Callout	Component Name
Preliminary Procedure Remove the instrument panel lower trim panel assembly. Refer to <u>Instrument Panel Lower Trim Panel Replacement (Left Hand Drive)</u> , <u>Instrument Panel Lower Trim Panel Replacement (Right Hand Drive)</u> .	
1	Instrument Panel Carrier Bracket to Carrier Bolt/Screw (Qty: 4) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 2.5 N.m (22 lb in)
2	Instrument Panel Carrier Bracket to Body Bolt (Qty: 4) Tighten 25 N.m (19 lb ft)
3	Instrument Panel Carrier Bracket

INSTRUMENT PANEL CARRIER REPLACEMENT (LEFT HAND DRIVE)

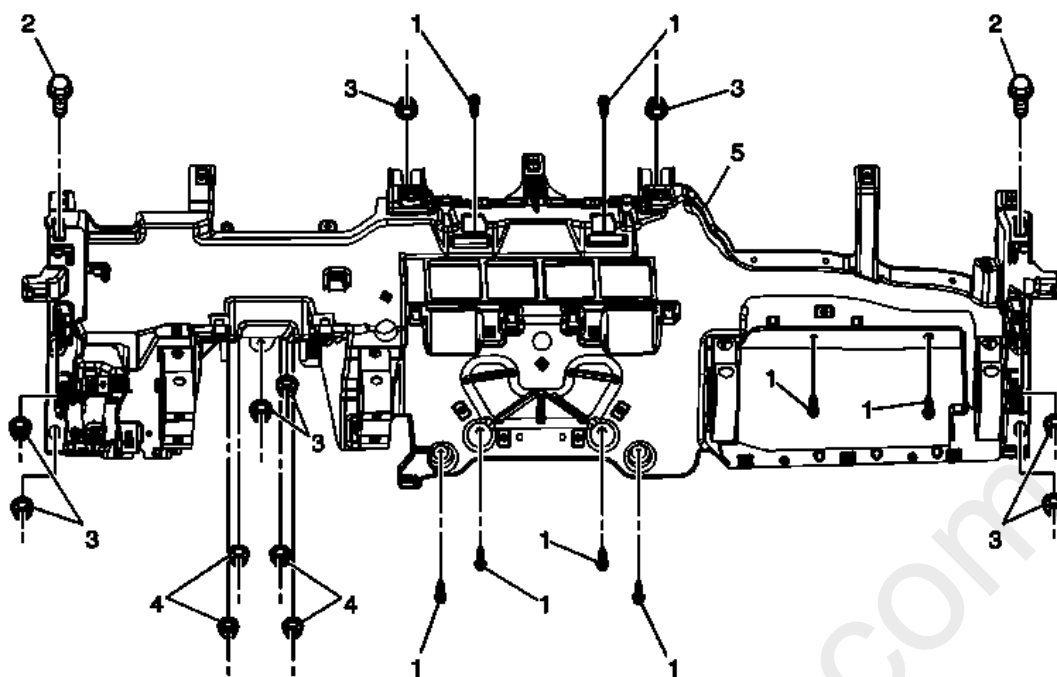


Fig. 36: Instrument Panel Carrier (Left Hand Drive)
 Courtesy of GENERAL MOTORS COMPANY

Instrument Panel Carrier Replacement (Left Hand Drive)

Callout	Component Name
Preliminary Procedure	
1.	Remove the instrument panel lower trim panel assembly. Refer to <u>Instrument Panel Lower Trim Panel Replacement (Left Hand Drive)</u> .
2.	Remove the instrument panel carrier bracket assembly. Refer to <u>Instrument Panel Carrier Bracket Replacement</u> .
3.	Remove the center air distribution duct assembly. Refer to <u>Air Distributor Center Duct Replacement</u> .
4.	Remove the right and left air distribution ducts. Refer to <u>Air Distributor Duct Replacement - Right Side</u> , and <u>Air Distributor Duct Replacement - Left Side</u> .
5.	Remove the right and left side widow defroster outlet duct assemblies. Refer to <u>Side Window Defogger Outlet Duct Replacement - Right Side</u> , and <u>Side Window Defogger Outlet Duct Replacement - Left Side</u> .
6.	Remove the parking brake lever pedal assembly. Refer to <u>Parking Brake Lever Pedal Assembly Replacement</u> .
7.	If vehicle is equipped with a manual transmission, remove the clutch pedal assembly. Refer to <u>Clutch Pedal Replacement</u> .
8.	Prior to removal of the instrument panel carrier assembly, note the routing of the instrument panel wiring harness and connector locations to ensure proper reinstallation.

1	Instrument Panel Carrier to HVAC Module Screw (Qty: 8) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 2.5 N.m (22 lb in)
2	Instrument Panel Carrier to Body Bolt (Qty: 2) Tighten 25 N.m (19 lb ft)
3	Instrument Panel Carrier to Body Nut (Qty: 8) Tighten 25 N.m (19 lb ft)
4	Brake Pedal Bracket to Cowl Nut (Qty: 4) Tighten 25 N.m (19 lb ft)
5	Instrument Panel Carrier Assembly Procedure 1. Disconnect the instrument panel wiring harness from the instrument panel carrier assembly and position out of the way. 2. Prior to removing the carrier assembly from the car, adequately support the HVAC module in order to prevent damage. 3. When replacing the instrument panel carrier assembly, transfer all necessary components.

INSTRUMENT PANEL CARRIER REPLACEMENT (RIGHT HAND DRIVE)

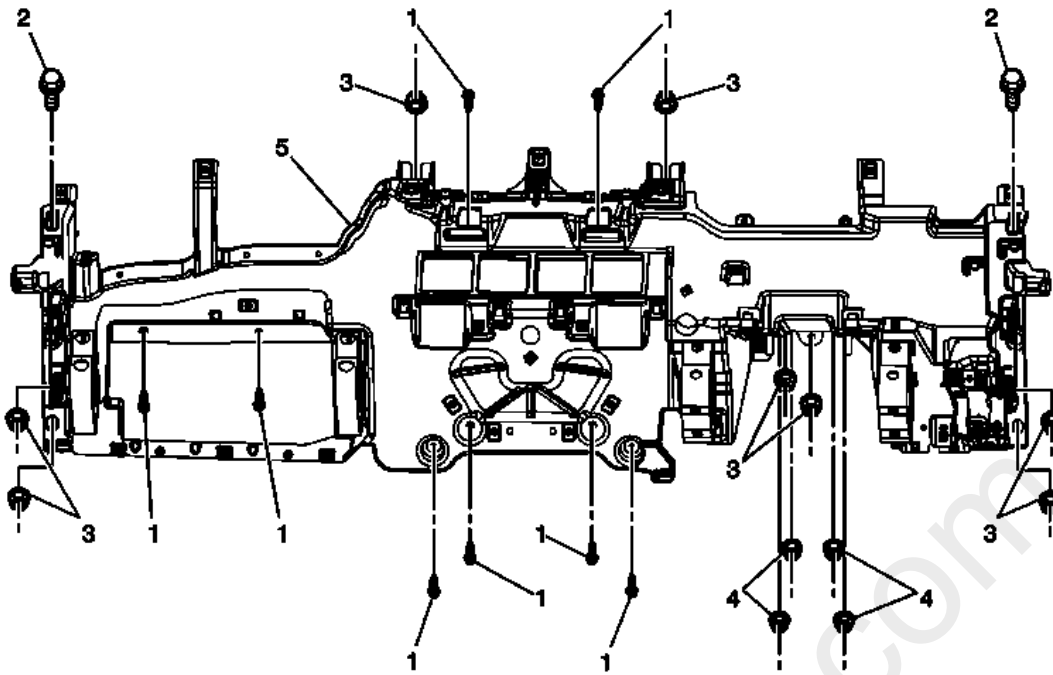


Fig. 37: Identifying Instrument Panel Carrier (Right Hand Drive)
 Courtesy of GENERAL MOTORS COMPANY

Instrument Panel Carrier Replacement (Right Hand Drive)

Callout	Component Name
Preliminary Procedure	
1.	Remove the instrument panel lower trim panel assembly. Refer to <u>Instrument Panel Lower Trim Panel Replacement (Right Hand Drive)</u> .
2.	Remove the instrument panel carrier bracket assembly. Refer to <u>Instrument Panel Carrier Bracket Replacement</u> .
3.	Remove the center air distribution duct assembly. Refer to <u>Air Distributor Center Duct Replacement</u> .
4.	Remove the right and left air distribution ducts. Refer to <u>Air Distributor Duct Replacement - Right Side</u> , and <u>Air Distributor Duct Replacement - Left Side</u> .
5.	Remove the right and left side window defogger outlet duct assemblies. Refer to <u>Side Window Defogger Outlet Duct Replacement - Right Side</u> , and <u>Side Window Defogger Outlet Duct Replacement - Left Side</u> .
6.	Remove the parking brake lever pedal assembly. Refer to <u>Parking Brake Lever Pedal Assembly Replacement</u> .
7.	If vehicle is equipped with a manual transmission, remove the clutch pedal assembly. Refer to <u>Clutch Pedal Replacement</u> .
8.	Prior to removal of the instrument panel carrier assembly, note the routing of the instrument panel wiring harness and connector locations to ensure proper reinstallation.

1	Instrument Panel Carrier to HVAC Module Screw (Qty: 8) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 2.5 N.m (22 lb in)
2	Instrument Panel Carrier to Body Bolt (Qty: 2) Tighten 25 N.m (19 lb ft)
3	Instrument Panel Carrier to Body Nut (Qty: 8) Tighten 25 N.m (19 lb ft)
4	Brake Pedal Bracket to Cowl Nut (Qty: 4) Tighten 25 N.m (19 lb ft)
5	Instrument Panel Carrier Assembly Procedure 1. Disconnect the instrument panel wiring harness from the instrument panel carrier assembly and position out of the way. 2. Prior to removing the carrier assembly from the car, adequately support the HVAC module in order to prevent damage. 3. When replacing the instrument panel carrier assembly, transfer all necessary components.

FRONT FLOOR CONSOLE CUP HOLDER REPLACEMENT

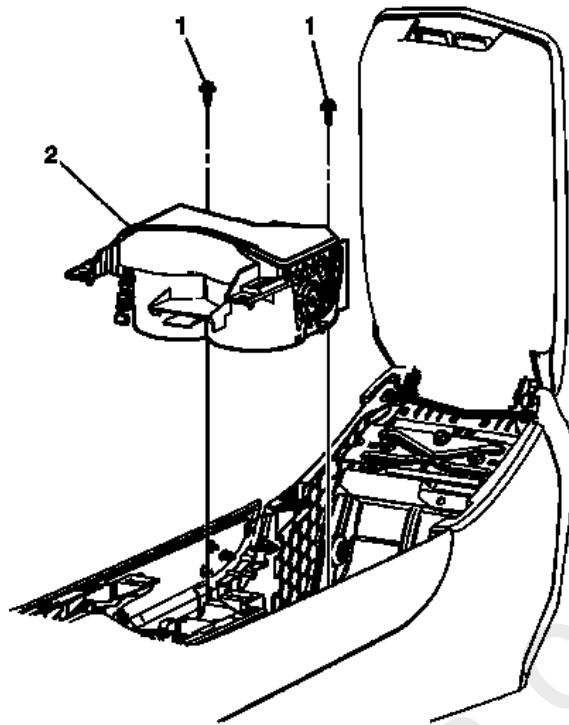


Fig. 38: Front Floor Console Cup Holder
 Courtesy of GENERAL MOTORS COMPANY

Front Floor Console Cup Holder Replacement

Callout	Component Name
Preliminary Procedure Remove the front floor console compartment. Refer to <u>Front Floor Console Compartment Replacement</u> .	
1	Front Floor Console Cupholder Screw (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 2.5 N.m (22 lb in)
2	Front Floor Console Cupholder Assembly

FRONT FLOOR CONSOLE COMPARTMENT REPLACEMENT

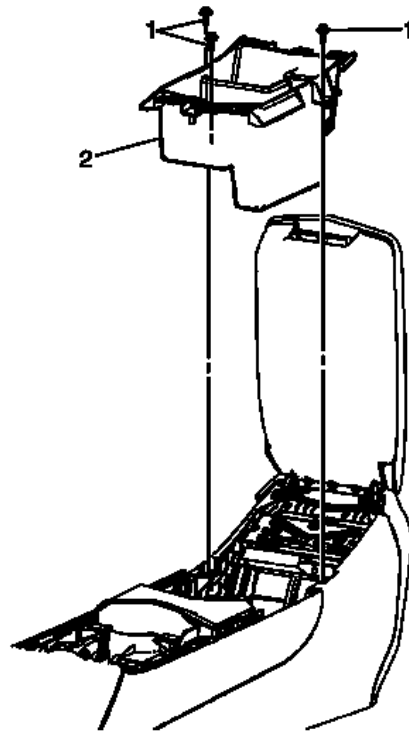


Fig. 39: Front Floor Console Compartment
 Courtesy of GENERAL MOTORS COMPANY

Front Floor Console Compartment Replacement

Callout	Component Name
Preliminary Procedure Remove the front floor console trim plate. Refer to Front Floor Console Trim Plate Replacement .	
1	Front Floor Console Compartment Screw (Qty: 3) CAUTION: Refer to Fastener Caution . Tighten 2.5 N.m (22 lb in)
2	Front Floor Console Compartment Assembly Procedure 1. Disconnect the electrical connections. 2. When replacing the front floor console compartment, transfer all necessary components.

FRONT FLOOR CONSOLE TRANSMISSION SHIFT OPENING TRIM PLATE REPLACEMENT (LEFT HAND DRIVE AUTOMATIC TRANS)

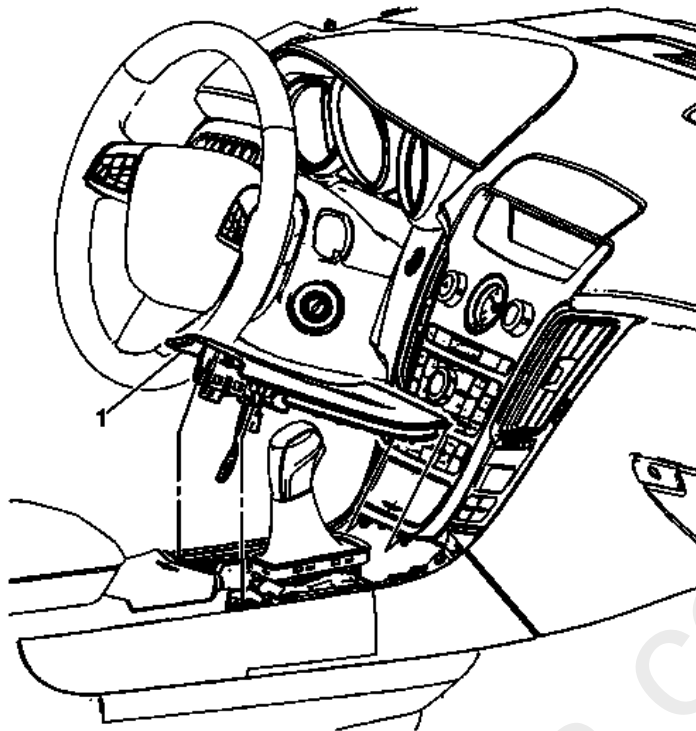


Fig. 40: Front Floor Console Transmission Shift Opening Trim Plate Replacement (Automatic Transmission) (Left Hand Drive Automatic Trans)
 Courtesy of GENERAL MOTORS COMPANY

Front Floor Console Transmission Shift Opening Trim Plate Replacement (Left Hand Drive Automatic Trans)

Callout	Component Name
CAUTION: To prevent component damage, DO NOT use metal tools to remove the trim.	
CAUTION: Be sure to follow the service procedure when removing the trim panel. Failure to follow service procedure may cause damage to the trim panel.	
Preliminary Procedure	
1. Remove the right and left front floor console appliques. Refer to <u>Front Floor Console Applique Replacement</u> . 2. Remove the transmission control boot. Refer to <u>Transmission Control Lever Boot Replacement</u> .	
1	Front Floor Console Transmission Shifter Trim Plate Assembly Procedure 1. Use a flat bladed plastic trim tool in order to release the retaining clips securing the front floor console transmission shift plate to the console assembly.

2. Disconnect the electrical connections.
3. When replacing the front floor console transmission shift plate assembly, transfer all necessary components.

FRONT FLOOR CONSOLE TRANSMISSION SHIFT OPENING TRIM PLATE REPLACEMENT (LEFT HAND DRIVE MANUAL TRANSMISSION)

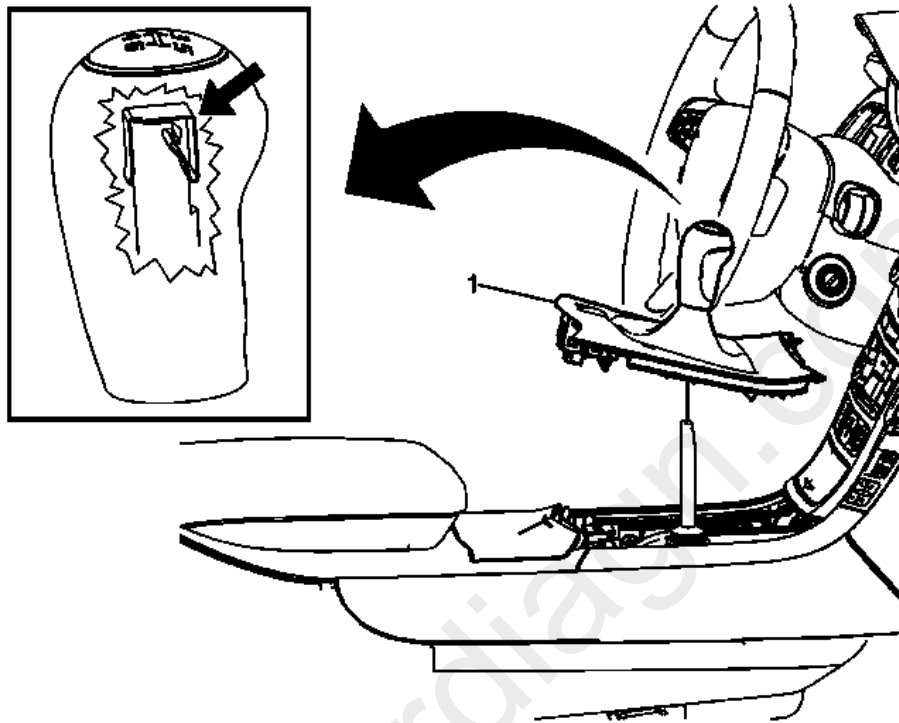


Fig. 41: Front Floor Console Transmission Shift Opening Trim Plate (Left Hand Drive Manual Transmission)

Courtesy of GENERAL MOTORS COMPANY

Front Floor Console Transmission Shift Opening Trim Plate Replacement (Left Hand Drive Manual Transmission)

Callout	Component Name
CAUTION: To prevent component damage, DO NOT use metal tools to remove the trim.	
CAUTION: Be sure to follow the service procedure when removing the trim panel. Failure to follow service procedure may cause damage to the trim panel.	
Preliminary Procedure Remove the right and left front floor console appliques. Refer to <u>Front Floor Console Applique Replacement</u> .	
	Front Floor Console Transmission Opening Trim Plate Assembly

Procedure

1

1. Use a flat bladed trim tool and release the retainers securing the front floor console transmission opening trim plate to the console assembly.
2. Disconnect the electrical connections.
3. Firmly grasp the shift control knob and pull straight up using enough force to release the retainer clip securing the shift control knob and boot assembly to the shift lever.
4. When replacing the front floor console transmission opening trim plate, transfer all necessary components.
 - Detaching the shift control knob from the shift lever may require a large amount of physical effort.
 - The front floor console transmission opening trim plate and the shift control knob and boot assembly must be removed as an assembly and separated outside the vehicle.

FRONT FLOOR CONSOLE TRANSMISSION SHIFT OPENING TRIM PLATE REPLACEMENT (RIGHT HAND DRIVE AUTOMATIC TRANS)

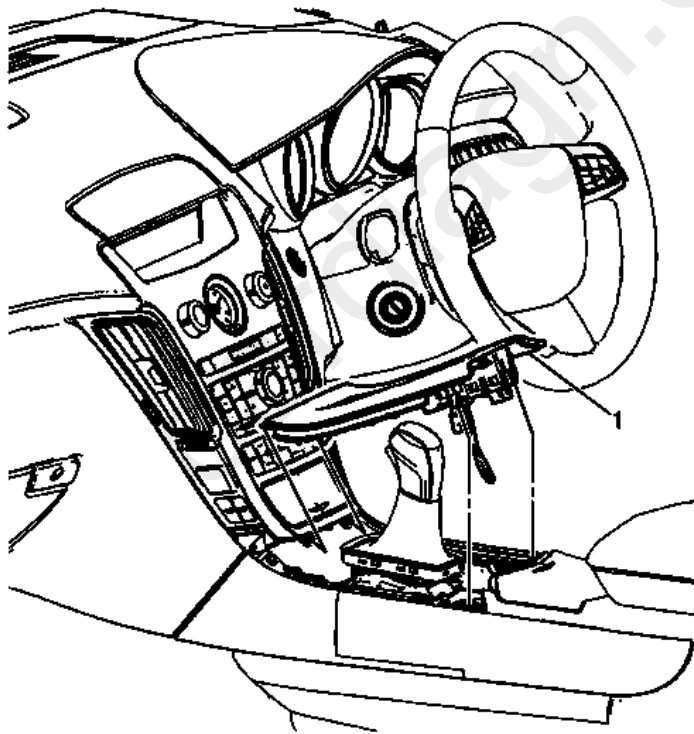


Fig. 42: Identifying Front Floor Console Transmission Shift Opening Trim Plate (Right Hand Drive Automatic Trans)

Courtesy of GENERAL MOTORS COMPANY

Front Floor Console Transmission Shift Opening Trim Plate Replacement (Right Hand Drive Automatic Trans)

Callout	Component Name
CAUTION: To prevent component damage, DO NOT use metal tools to remove the trim.	
CAUTION: Be sure to follow the service procedure when removing the trim panel. Failure to follow service procedure may cause damage to the trim panel.	
Preliminary Procedure	
1. Remove the right and left front floor console appliques. Refer to <u>Front Floor Console Applique Replacement</u> . 2. Remove the transmission control boot. Refer to <u>Transmission Control Lever Boot Replacement</u> .	
1	Front Floor Console Transmission Shifter Trim Plate Assembly Procedure 1. Use a flat bladed plastic trim tool in order to release the retaining clips securing the front floor console transmission shift plate to the console assembly. 2. Disconnect the electrical connections. 3. When replacing the front floor console transmission shift plate assembly, transfer all necessary components.

FRONT FLOOR CONSOLE TRANSMISSION SHIFT OPENING TRIM PLATE REPLACEMENT (RIGHT HAND DRIVE MANUAL TRANSMISSION)

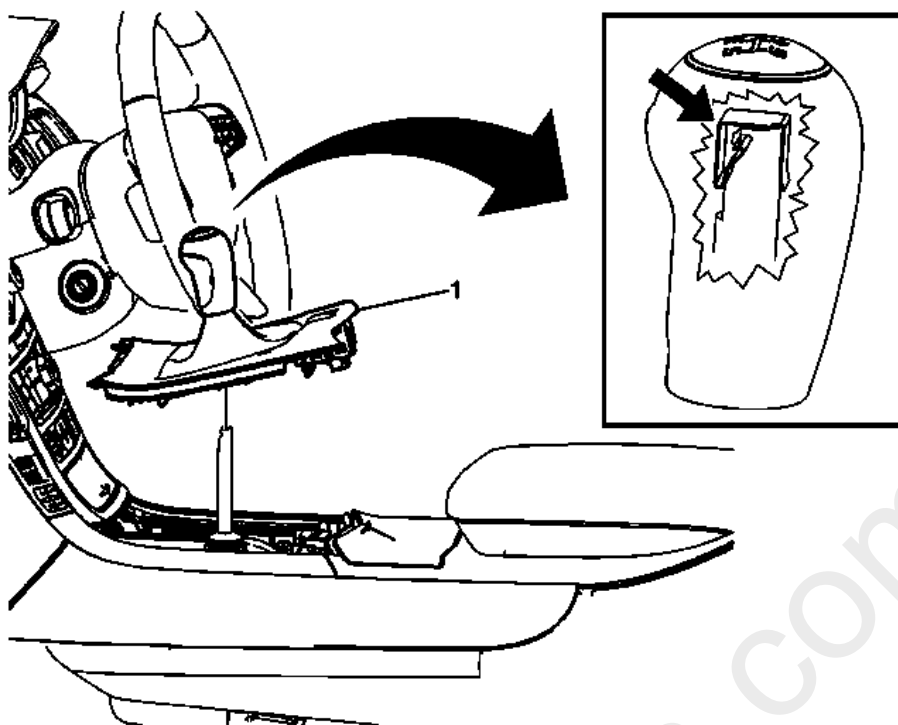


Fig. 43: Identifying Front Floor Console Transmission Shift Opening Trim Plate (Right Hand Drive Manual Transmission)

Courtesy of GENERAL MOTORS COMPANY

Front Floor Console Transmission Shift Opening Trim Plate Replacement (Right Hand Drive Manual Transmission)

Callout	Component Name
CAUTION: To prevent component damage, DO NOT use metal tools to remove the trim.	
CAUTION: Be sure to follow the service procedure when removing the trim panel. Failure to follow service procedure may cause damage to the trim panel.	
Preliminary Procedure Remove the right and left front floor console appliques. Refer to <u>Front Floor Console Applique Replacement</u> .	
1	Front Floor Console Transmission Opening Trim Plate Assembly Procedure 1. Use a flat bladed trim tool and release the retainers securing the front floor console transmission opening trim plate to the console assembly. 2. Disconnect the electrical connections. 3. Firmly grasp the shift control knob and pull straight up using enough force to release

- the retainer clip securing the shift control knob and boot assembly to the shift lever.
4. When replacing the front floor console transmission opening trim plate, transfer all necessary components.
 - Detaching the shift control knob from the shift lever may require a large amount of physical effort.
 - The front floor console transmission opening trim plate and the shift control knob and boot assembly must be removed as an assembly and separated outside the vehicle.

FRONT FLOOR CONSOLE REAR COMPARTMENT REPLACEMENT

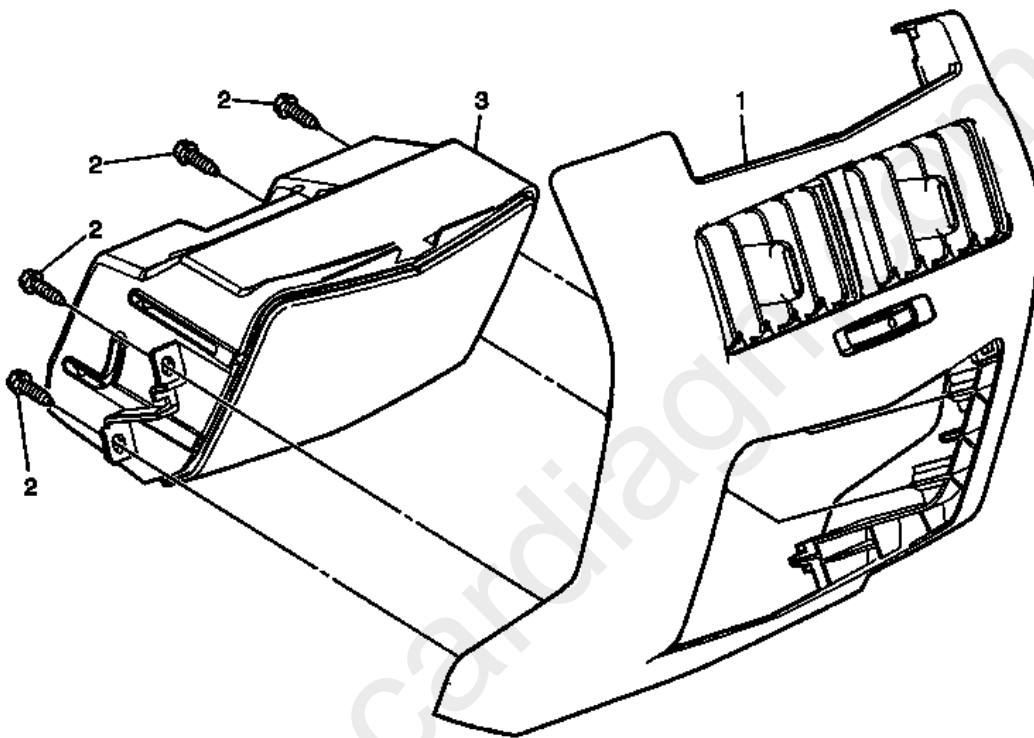


Fig. 44: Front Floor Console Rear Compartment
 Courtesy of GENERAL MOTORS COMPANY

Front Floor Console Rear Compartment Replacement

Callout	Component Name
1	Front Floor Console Rear Cover Refer to <u>Front Floor Console Rear Cover Replacement.</u>
2	Front Floor Console Rear Compartment Screw (Qty: 4) CAUTION: Refer to <u>Fastener Caution</u> .

	Tighten 2.5 N.m (22 lb in)
3	Front Floor Console Rear Compartment Assembly

FRONT FLOOR CONSOLE REPLACEMENT (LEFT HAND DRIVE)

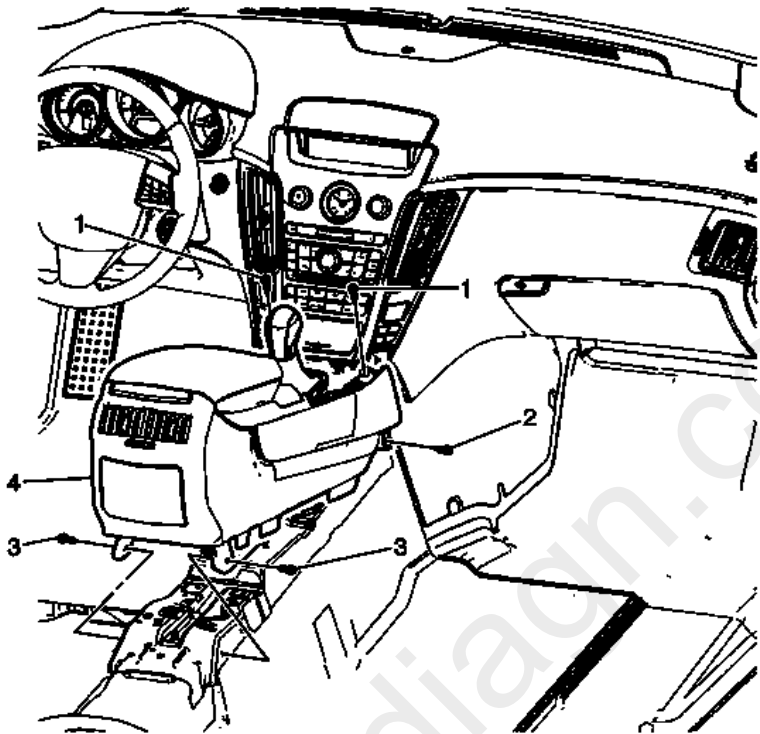


Fig. 45: Front Floor Console
 Courtesy of GENERAL MOTORS COMPANY

Front Floor Console Replacement (Left Hand Drive)

Callout	Component Name
Preliminary Procedure - Remove the left and right front floor console appliques. Refer to <u>Front Floor Console Applique Replacement</u>. - Remove the front floor console transmission shifter trim plate assembly. Refer to <u>Front Floor Console Transmission Shift Opening Trim Plate Replacement (Left Hand Drive Automatic Trans)</u>, <u>Front Floor Console Transmission Shift Opening Trim Plate Replacement (Left Hand Drive Manual Transmission)</u>.	
1	Front Floor Console Screw (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> .

	Tighten 2.5 N.m (22 lb in)
2	Front Floor Console Screw (Qty: 2) Procedure 1. Move the front seats to the full rear position. 2. Pull the carpet way from the console assembly to expose the front lower console screws. Tighten 2.5 N.m (22 lb in)
3	Front Floor Console Screw (Qty: 2) Procedure 1. Move the front seats to the full forward position. 2. Pull the carpet way from the console assembly to expose the rear lower console screws. Tighten 2.5 N.m (22 lb in)
4	Front Floor Console Armrest Assembly Procedure 1. Disconnect the electrical connections. 2. When replacing the front floor console assembly, transfer all necessary components.

FRONT FLOOR CONSOLE REPLACEMENT (RIGHT HAND DRIVE)

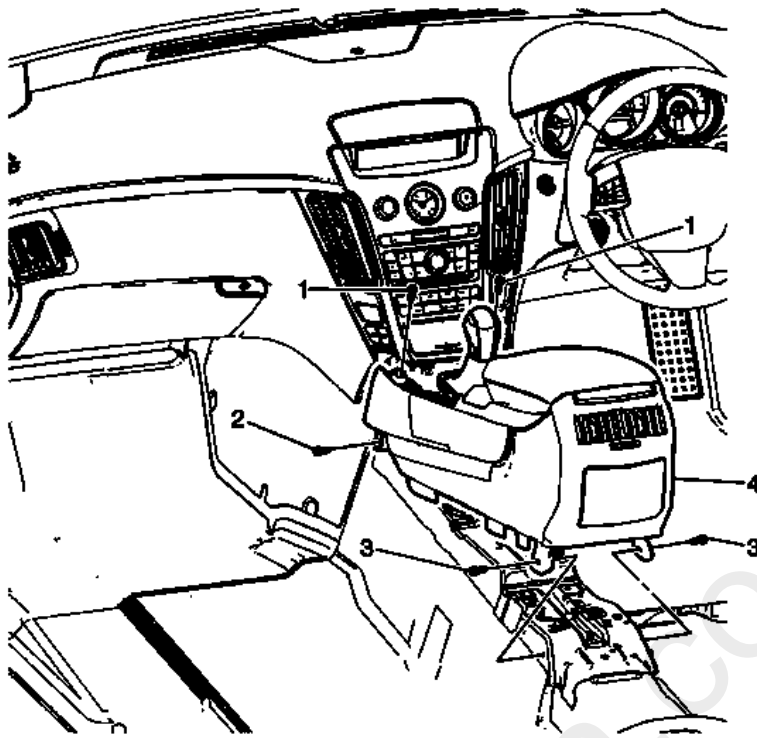


Fig. 46: Identifying Front Floor Console (Right Hand Drive)
 Courtesy of GENERAL MOTORS COMPANY

Front Floor Console Replacement (Right Hand Drive)

Callout	Component Name
Preliminary Procedure	
1. Remove the left and right front floor console appliques. Refer to <u>Front Floor Console Applique Replacement</u> . 2. Remove the front floor console transmission shifter trim plate assembly. Refer to <u>Front Floor Console Transmission Shift Opening Trim Plate Replacement (Right Hand Drive Automatic Trans)</u> , <u>Front Floor Console Transmission Shift Opening Trim Plate Replacement (Right Hand Drive Manual Transmission)</u> .	
1	Front Floor Console Screw (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 2.5 N.m (22 lb in)
	Front Floor Console Screw (Qty: 2) Procedure

2	1. Move the front seats to the full rear position. 2. Pull the carpet way from the console assembly to expose the front lower console screws. Tighten 2.5 N.m (22 lb in)
3	Front Floor Console Screw (Qty: 2) Procedure 1. Move the front seats to the full forward position. 2. Pull the carpet way from the console assembly to expose the rear lower console screws. Tighten 2.5 N.m (22 lb in)
4	Front Floor Console Armrest Assembly Procedure 1. Disconnect the electrical connections. 2. When replacing the front floor console assembly, transfer all necessary components.

FRONT FLOOR CONSOLE ARMREST LATCH REPLACEMENT - UPPER

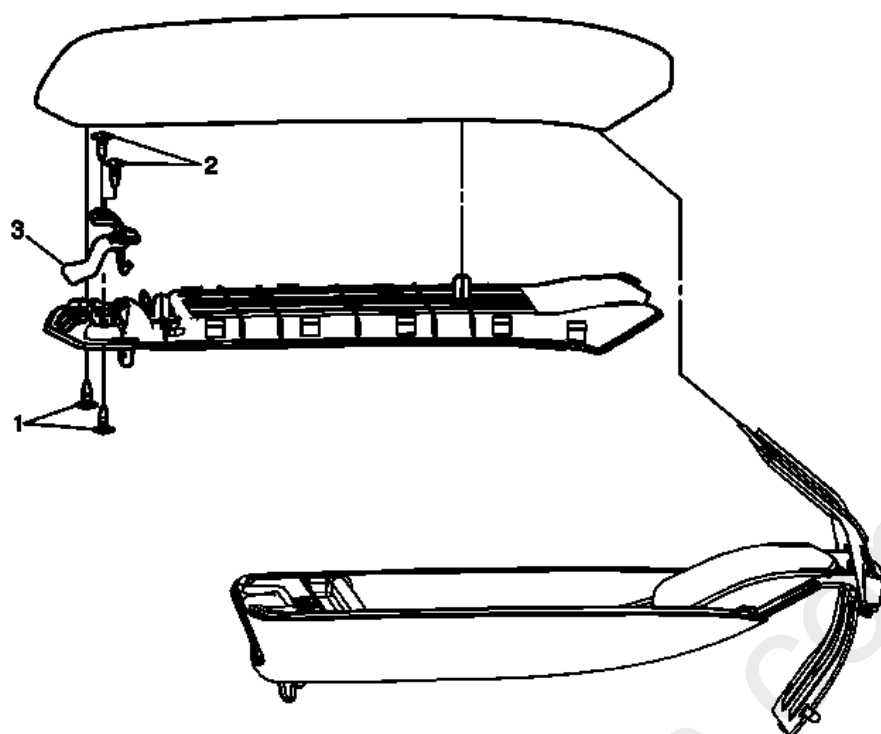


Fig. 47: Front Floor Console Armrest Latch - Upper
 Courtesy of GENERAL MOTORS COMPANY

Front Floor Console Armrest Latch Replacement - Upper

Callout	Component Name
1	Front Floor Console Upper Closeout Screw (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> . Procedure Grasp the front floor console upper closeout panel and pull it apart from the upper armrest assembly. Tighten 2.5 N.m (22 lb in)
2	Front Floor Console Compartment Door Latch Screw (Qty: 2) Tighten 2.5 N.m (22 lb in)
3	Front Floor Console Compartment Door Upper Latch Assembly

FRONT FLOOR CONSOLE ARMREST LATCH REPLACEMENT - LOWER

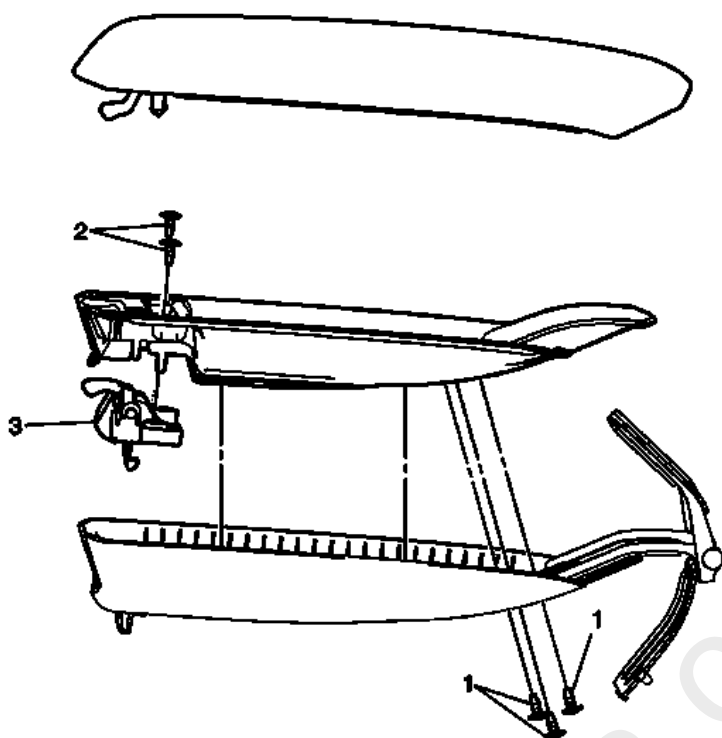


Fig. 48: Identifying Front Floor Console Armrest Latch - Lower
 Courtesy of GENERAL MOTORS COMPANY

Front Floor Console Armrest Latch Replacement - Lower

Callout	Component Name
1	Front Floor Console Lower Armrest Retainer Screw (Qty: 3) CAUTION: Refer to <u>Fastener Caution</u> . Procedure Grasp the front floor console lower armrest retainer and pull it apart from the armrest upper compartment bin assembly. Tighten 2.5 N.m (22 lb in)
2	Front Floor Console Compartment Door Lower Latch Screw (Qty: 2) Tighten 2.5 N.m (22 lb in)
3	Front Floor Console Compartment Door Lower Latch Assembly

FRONT FLOOR CONSOLE ARMREST REPLACEMENT

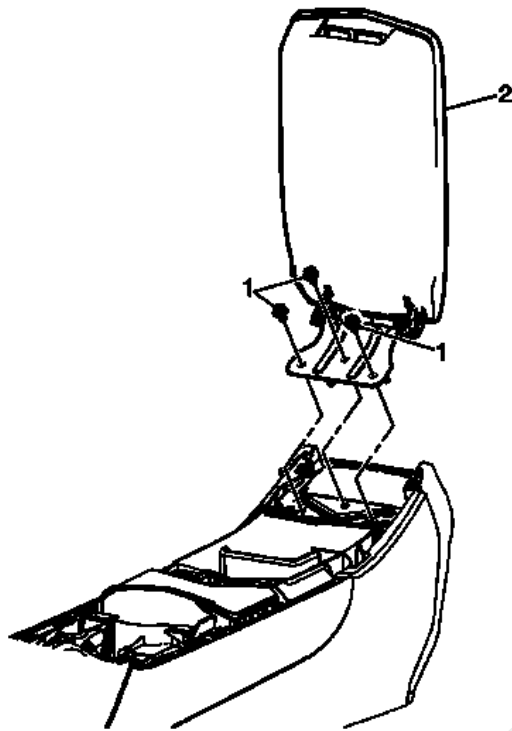


Fig. 49: Front Floor Console Armrest
 Courtesy of GENERAL MOTORS COMPANY

Front Floor Console Armrest Replacement

Callout	Component Name
Preliminary Procedure Remove the front floor console trim plate. Refer to <u>Front Floor Console Trim Plate Replacement</u> .	
1	Front Floor Console Armrest Bolt/Screw (Qty: 3) CAUTION: Refer to <u>Fastener Caution</u> . Tighten 2.5 N.m (22 lb in)
2	Front Floor Console Armrest Assembly

FRONT FLOOR CONSOLE ARMREST HINGE REPLACEMENT

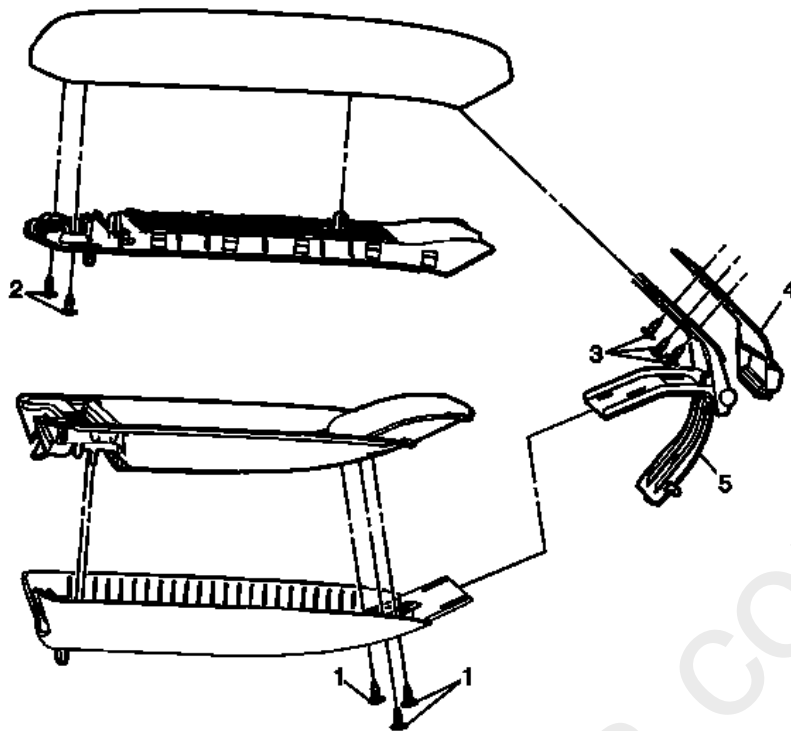


Fig. 50: Front Floor Console Armrest Hinge
 Courtesy of GENERAL MOTORS COMPANY

Front Floor Console Armrest Hinge Replacement

Callout	Component Name
Preliminary Procedure	
Remove the front floor console armrest assembly. Refer to Front Floor Console Armrest Replacement .	
1	Front Floor Console Lower Armrest Retainer Screw (Qty: 3) CAUTION: Refer to Fastener Caution . Procedure Grasp the front floor console lower armrest retainer and pull it apart from the armrest upper compartment bin assembly. Tighten 2.5 N.m (22 lb in)
2	Front Floor Console Upper Closeout Screw (Qty: 2) Procedure Grasp the front floor console upper closeout panel and pull it apart from the upper armrest assembly. Tighten 2.5 N.m (22 lb in)
	Front Floor Console Compartment Door Hinge Screw (Qty 3)

3	Tighten 2.5 N.m (22 lb in)
4	Front Floor Console Compartment Door Hinge Cover
5	Front Floor Console Compartment Door Hinge Assembly

FRONT FLOOR CONSOLE TRIM PLATE REPLACEMENT

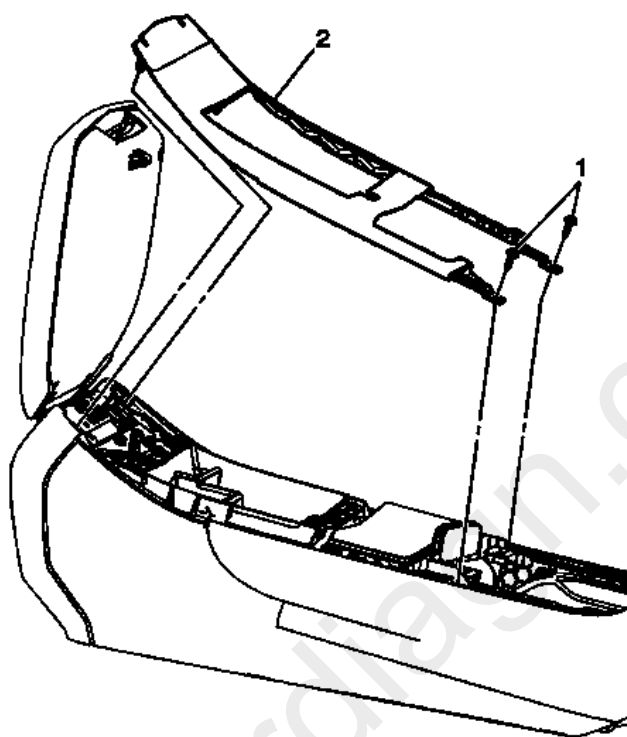


Fig. 51: Front Floor Console Trim Plate
Courtesy of GENERAL MOTORS COMPANY

Front Floor Console Trim Plate Replacement

Callout	Component Name
Preliminary Procedure Remove the front floor console transmission shifter trim plate. Refer to <u>Front Floor Console Transmission Shift Opening Trim Plate Replacement (Right Hand Drive Automatic Trans)</u> , <u>Front Floor Console Transmission Shift Opening Trim Plate Replacement (Right Hand Drive Manual Transmission)</u> , <u>Front Floor Console Transmission Shift Opening Trim Plate Replacement (Left Hand Drive Automatic Trans)</u> , <u>Front Floor Console Transmission Shift Opening Trim Plate Replacement (Left Hand Drive Manual Transmission)</u> .	
1	Front Floor Console Trim Plate Screw (Qty: 2) CAUTION: Refer to <u>Fastener Caution</u> .

	Tighten 2.5 N.m (22 lb in)
2	Front Floor Console Trim Plate Assembly Procedure Use a flat-bladed plastic trim tool in order to release the retaining clips securing the front floor console trim plate to the console assembly.

FRONT FLOOR CONSOLE APPLIQUE REPLACEMENT

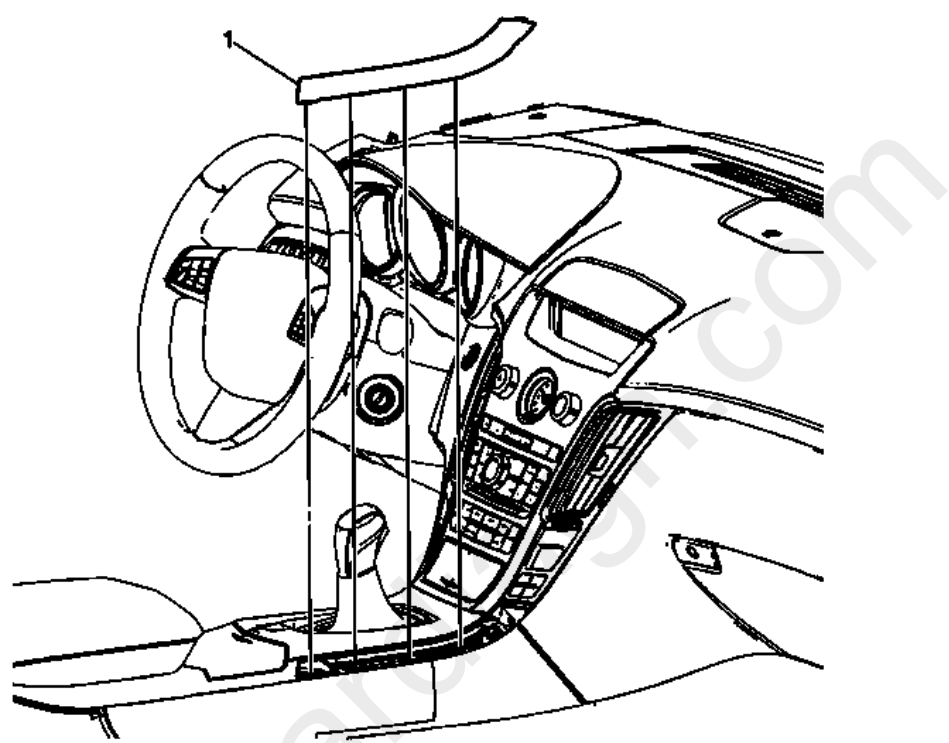


Fig. 52: Front Floor Console Applique
Courtesy of GENERAL MOTORS COMPANY

Front Floor Console Applique Replacement

Callout	Component Name
1	Front Floor Console Applique CAUTION: To prevent component damage, DO NOT use metal tools to remove the trim. CAUTION: Be sure to follow the service procedure when removing the trim panel. Failure to follow service procedure may cause damage to the trim panel. Procedure

1. Use a flat bladed plastic trim tool in order to release the three retaining clips securing the front floor console applique to the console assembly.
2. Insert the flat bladed plastic trim tool approximately one inch from the lower rear corner along the lower edge of the trim releasing the first retainer clip, then work forward toward the front of the vehicle releasing the remaining retainer clips.

FRONT FLOOR CONSOLE REAR COVER REPLACEMENT

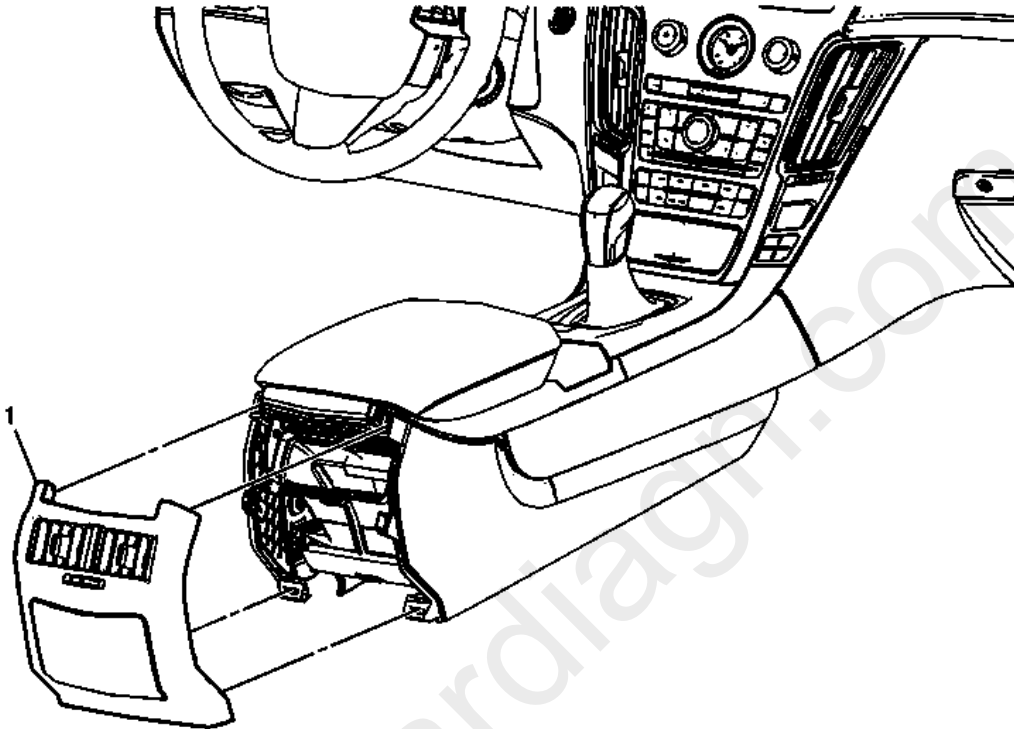


Fig. 53: Front Floor Console Rear Cover
 Courtesy of GENERAL MOTORS COMPANY

Front Floor Console Rear Cover Replacement

Callout	Component Name
	Front Floor Console Rear Cover Assembly
1	Procedure 1. Starting at the top right side of the cover, insert a flat bladed plastic trim tool between the carpeting and the cover and carefully pull rearward in order to release the retaining clips securing the cover to the console assembly. Repeat on the upper left side. 2. Pull the console rear cover out away from the console assembly. The cover will only pull rearward about 1 inch. Rotate the cover counterclockwise about 20 degrees. This will align the cover so you can carefully work the mode actuator cable down past the left center clip. Once you get it down below the clip, the cover will drop down, and

rotate flat enough to allow access to the mode actuator cable connection. Disconnect the cable from the console rear cover.

3. Disconnect the electrical connections.
4. When replacing the front floor console rear cover, transfer all necessary components.

NOTE:

Be careful of the alignment of the clips before insertion.

5.

ROOF CONSOLE REPLACEMENT

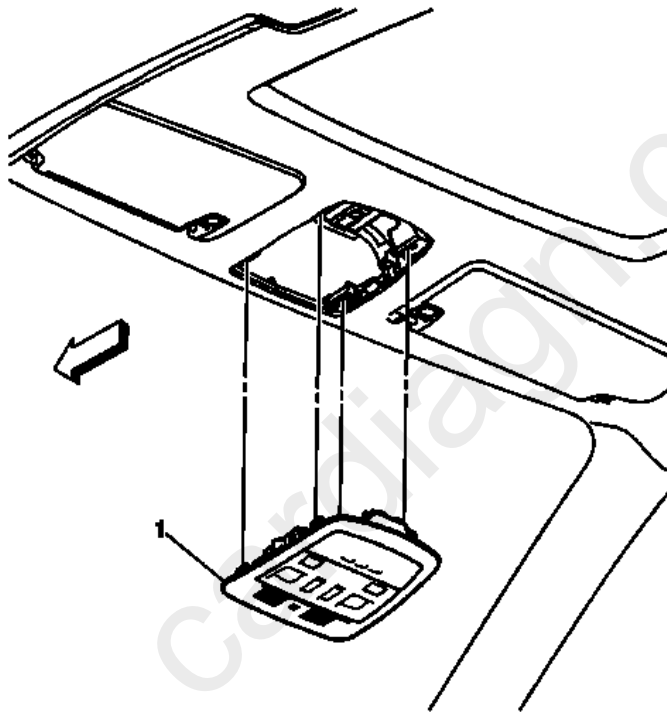


Fig. 54: Roof Console

Courtesy of GENERAL MOTORS COMPANY

Roof Console Replacement

Callout	Component Name
1	Front Roof Console Assembly
	Procedure
	1. Grasp the overhead console and pull downward disengaging the retainer clips securing it to the vehicle. 2. Disconnect the electrical connections.

3. When replacing the front roof console assembly, transfer all necessary components.

ROOF REAR CONSOLE REPLACEMENT

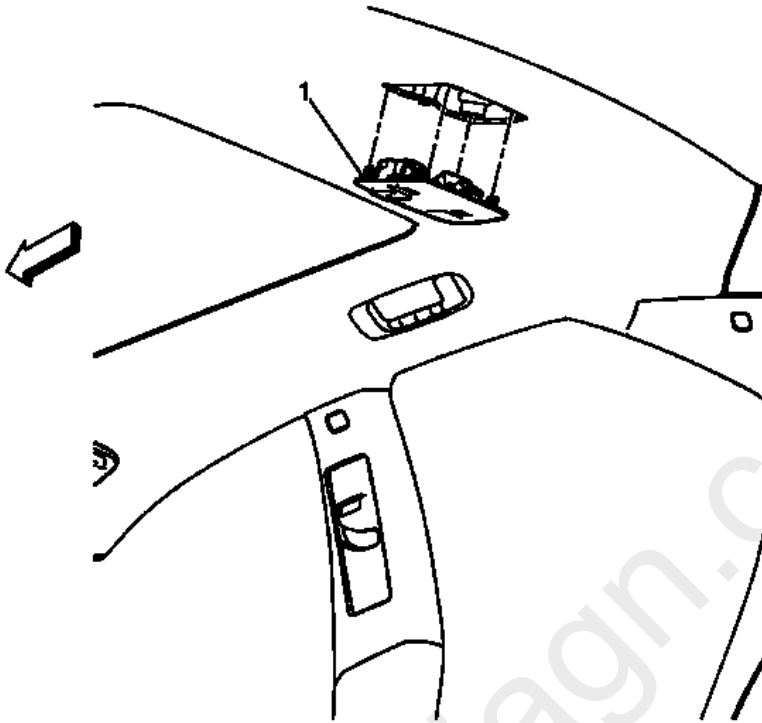


Fig. 55: Roof Rear Console
Courtesy of GENERAL MOTORS COMPANY

Roof Rear Console Replacement

Callout	Component Name
1	Rear Roof Console Assembly Procedure 1. Grasp the overhead console and pull downward disengaging the retainer clips securing it to the vehicle. 2. Disconnect the electrical connections. 3. When replacing the rear roof console assembly, transfer all necessary components.