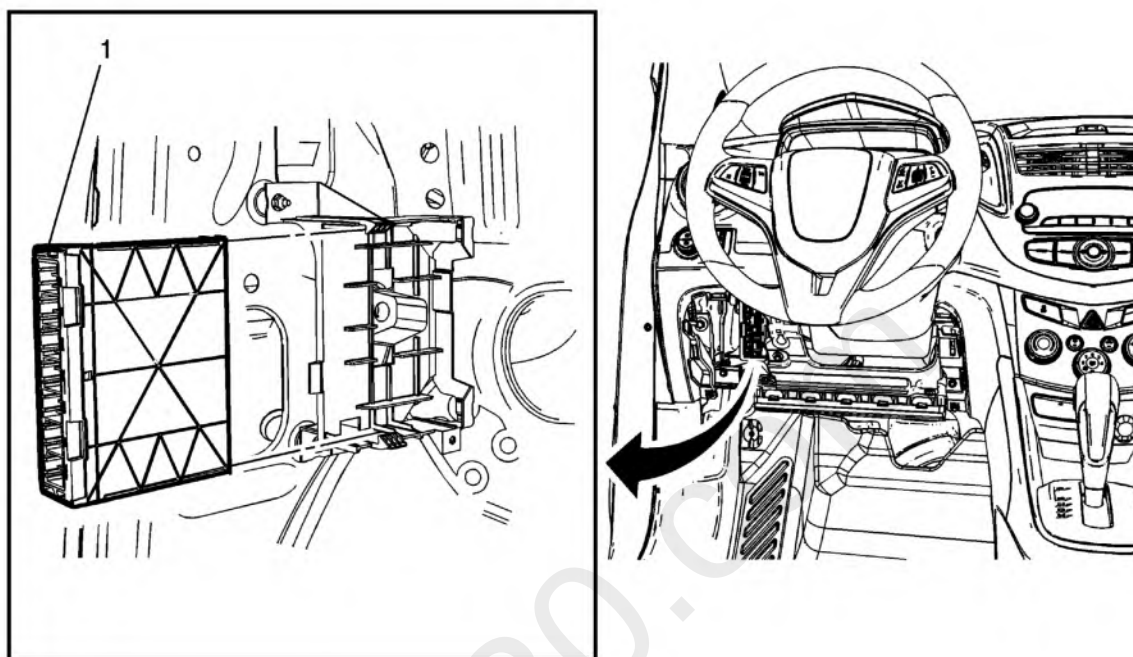


## 2017 ACCESSORIES & EQUIPMENT

### Data Communications - Repair Instructions - Encore, Trax

## REPAIR INSTRUCTIONS

### BODY CONTROL MODULE REPLACEMENT (CHEVROLET)

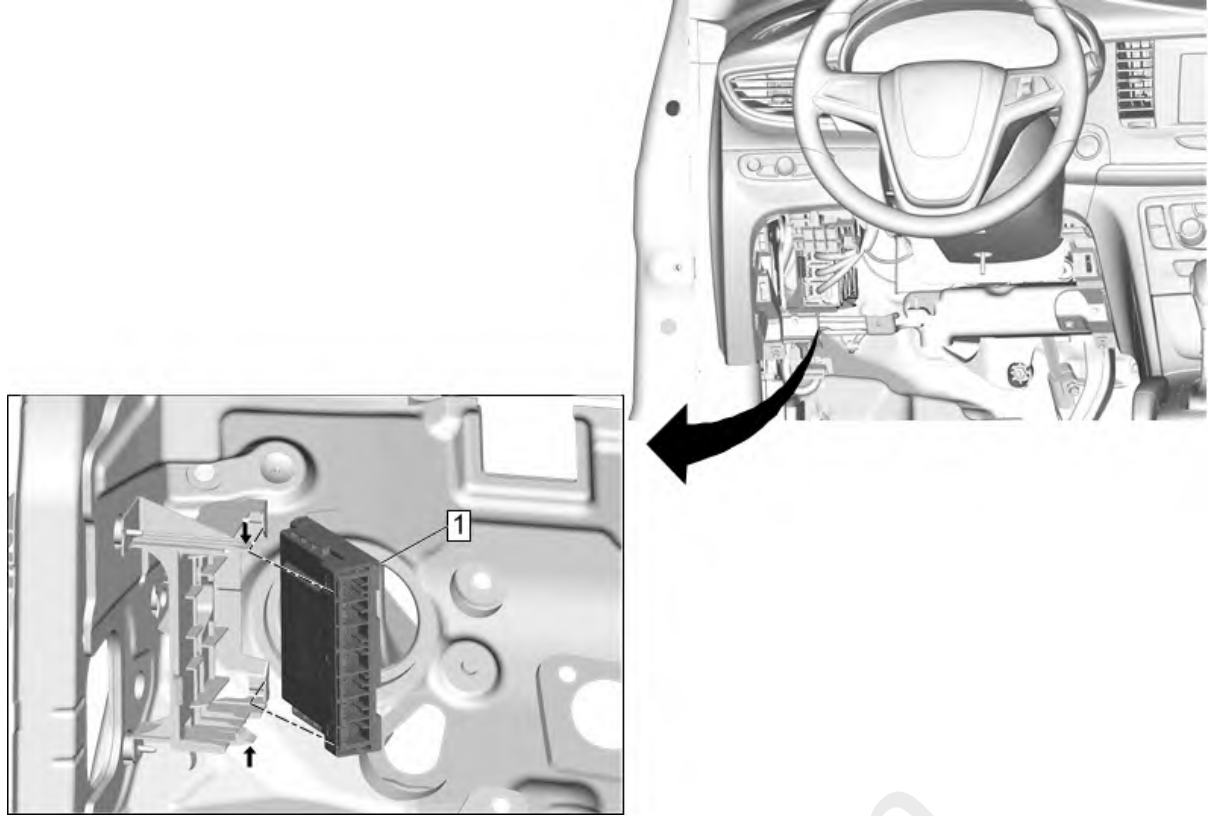


**Fig. 1: Body Control Module (Trax)**

Courtesy of GENERAL MOTORS COMPANY

| Callout                                                                                                                                                    | Component Name                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Preliminary Procedure</b><br>Remove the instrument panel knee bolster. Refer to <a href="#">Instrument Panel Knee Bolster Replacement (Chevrolet)</a> . |                                                                                                                                                                                                                                                               |
| 1                                                                                                                                                          | Body Control Module<br><br><b>Procedure</b><br><br>1. Disconnect the electrical connectors.<br>2. Push tabs to release the body control module from the bracket.<br>3. Reprogram the module if replaced. Refer to <a href="#">Control Module References</a> . |

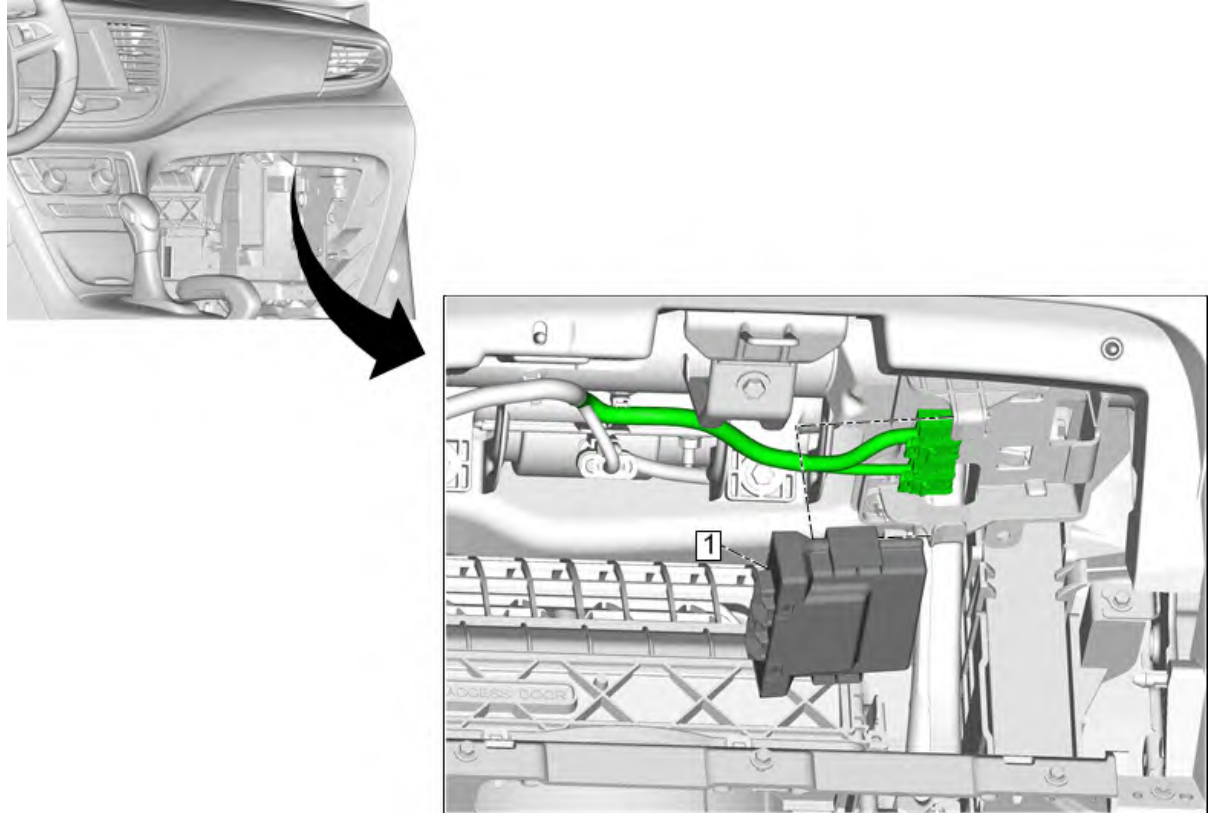
### BODY CONTROL MODULE REPLACEMENT (BUICK)



**Fig. 2: Body Control Module (Buick)**  
**Courtesy of GENERAL MOTORS COMPANY**

| Callout                                                                                         | Component Name                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Preliminary Procedure</b><br><b><u>Instrument Panel Knee Bolster Replacement (Buick)</u></b> |                                                                                                                                                                                                                                                                                           |
| 1                                                                                               | Body Control Module<br><br><b>Procedure</b> <ol style="list-style-type: none"> <li>1. Disconnect the electrical connectors.</li> <li>2. Release the retaining tabs.</li> <li>3. Perform the necessary programming and setup procedure: <b><u>Control Module References</u></b></li> </ol> |

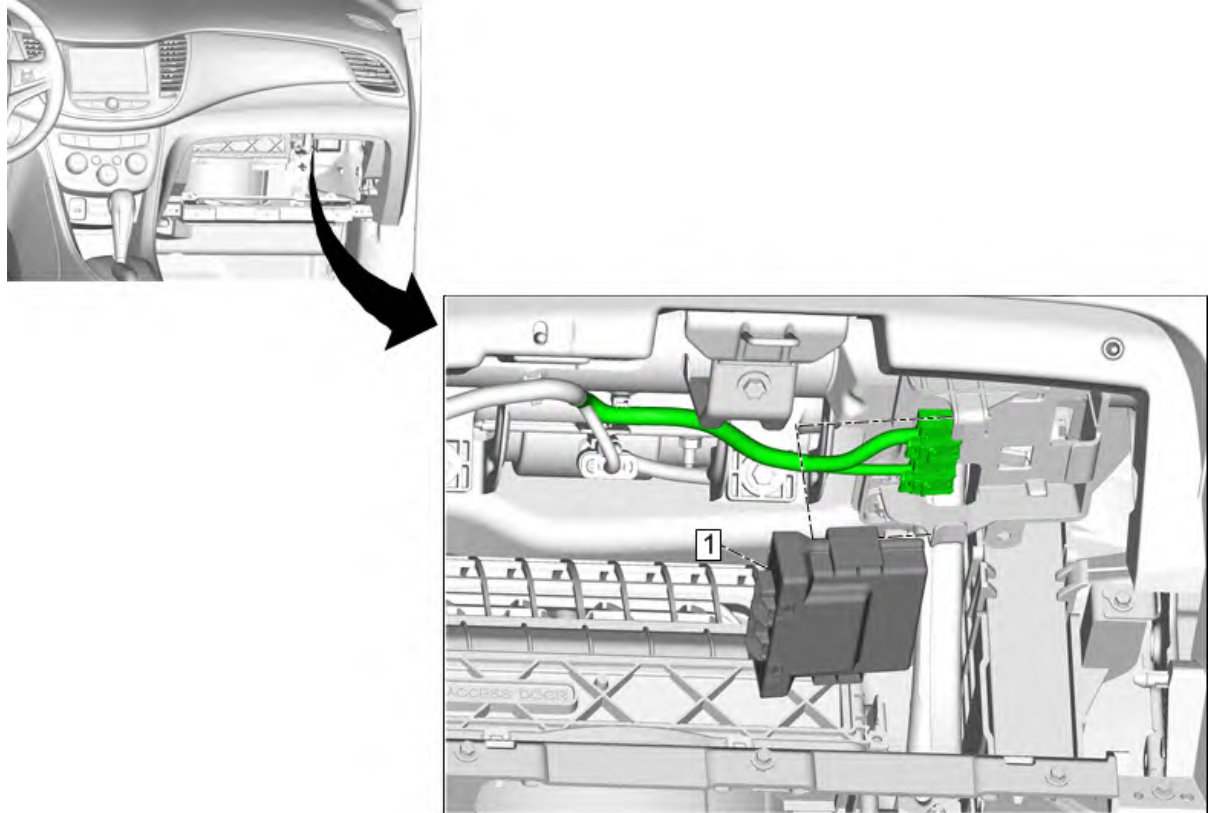
## **SERIAL DATA GATEWAY MODULE REPLACEMENT (BUICK)**



**Fig. 3: Serial Data Gateway Module (Encore)**  
 Courtesy of GENERAL MOTORS COMPANY

| Callout                                                                                | Component Name                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Preliminary Procedure</b><br><b><u>Instrument Panel Compartment Replacement</u></b> |                                                                                                                                                                                                                                                                                                  |
| 1                                                                                      | Serial Data Gateway Module<br><br><b>Procedure</b> <ol style="list-style-type: none"> <li>1. Disconnect the electrical connectors.</li> <li>2. Release the retaining tabs.</li> <li>3. Perform the necessary programming and setup procedure: <b><u>Control Module References</u></b></li> </ol> |

## **SERIAL DATA GATEWAY MODULE REPLACEMENT (CHEVROLET)**



**Fig. 4: Serial Data Gateway Module (Trax)**  
 Courtesy of GENERAL MOTORS COMPANY

| Callout                                                                                | Component Name                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Preliminary Procedure</b><br><b><u>Instrument Panel Compartment Replacement</u></b> |                                                                                                                                                                                                                                                                                                  |
| 1                                                                                      | Serial Data Gateway Module<br><br><b>Procedure</b> <ol style="list-style-type: none"> <li>1. Disconnect the electrical connectors.</li> <li>2. Release the retaining tabs.</li> <li>3. Perform the necessary programming and setup procedure: <b><u>Control Module References</u></b></li> </ol> |

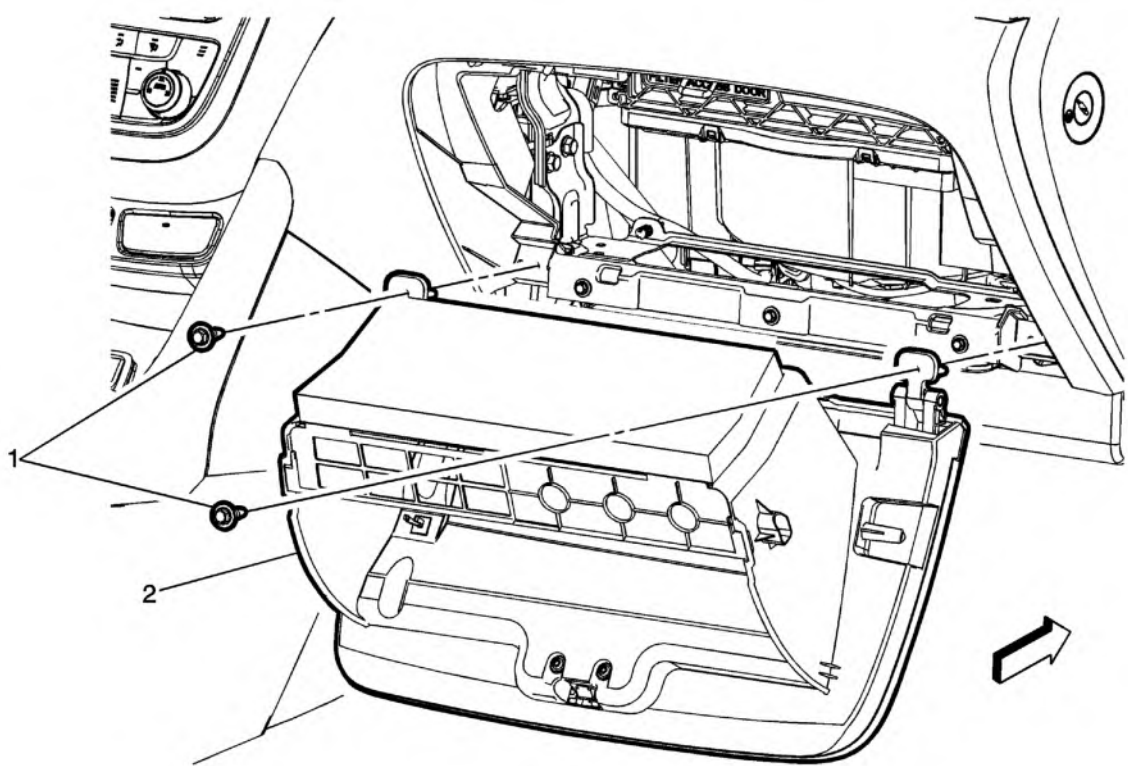
## **SERIAL DATA GATEWAY BRACKET REPLACEMENT (BUICK)**

### **Removal Procedure**

**WARNING:** **SIR Inflator Module Handling and Storage Warning**

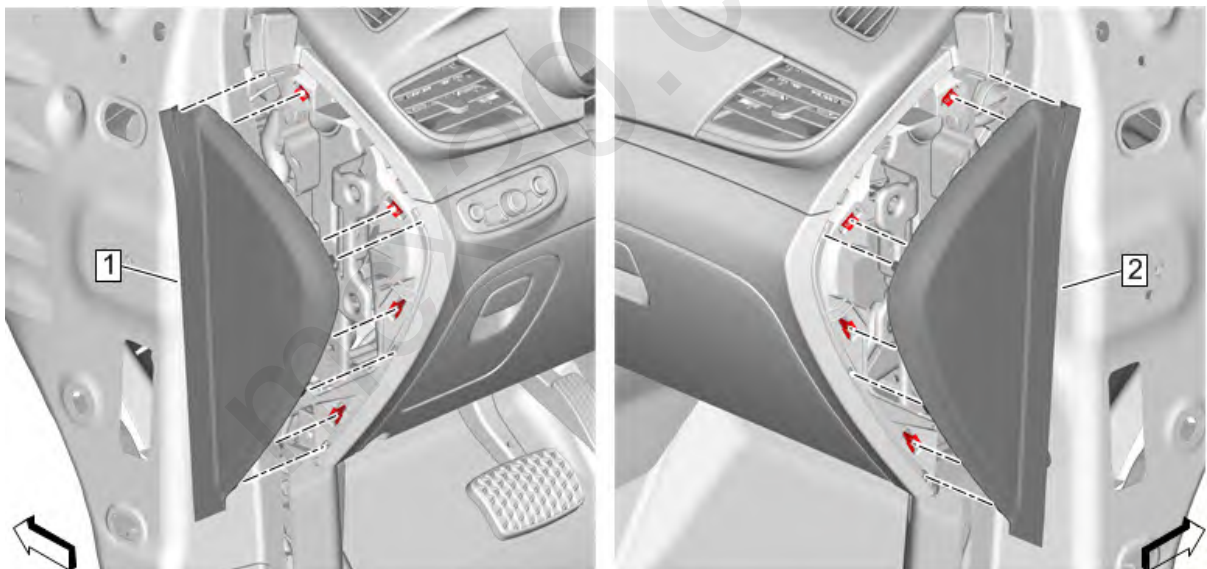
**WARNING:** **SIR Warning**

1. Disable the SIR system. **SIR Disabling and Enabling**



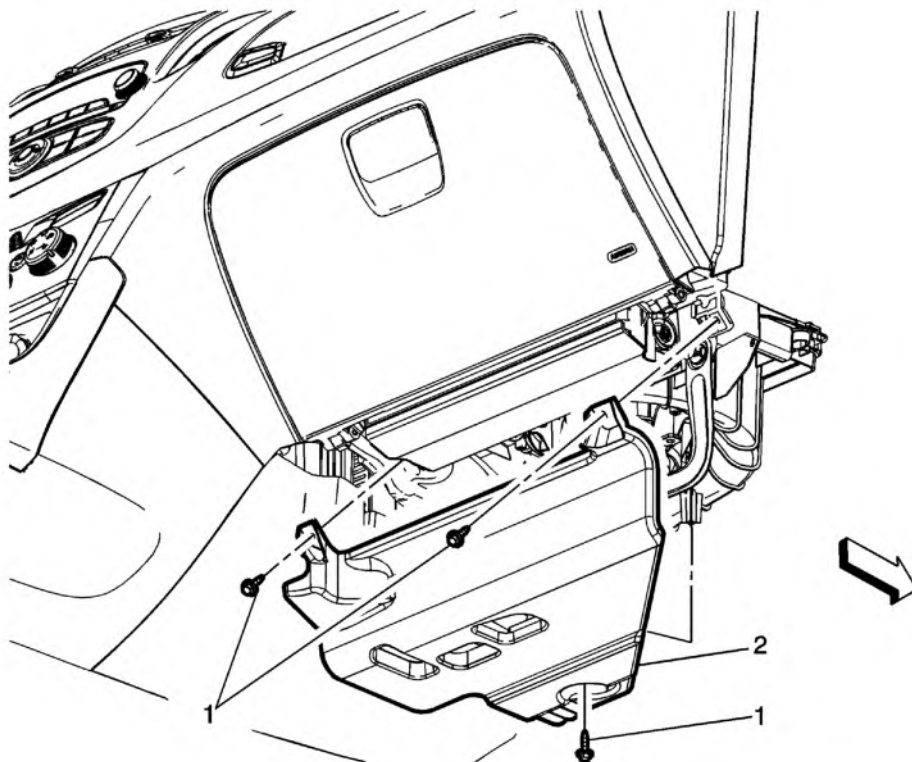
**Fig. 5: Instrument Panel Compartment**  
 Courtesy of GENERAL MOTORS COMPANY

2. Remove Instrument Panel Compartment (2) - **Instrument Panel Compartment Replacement**



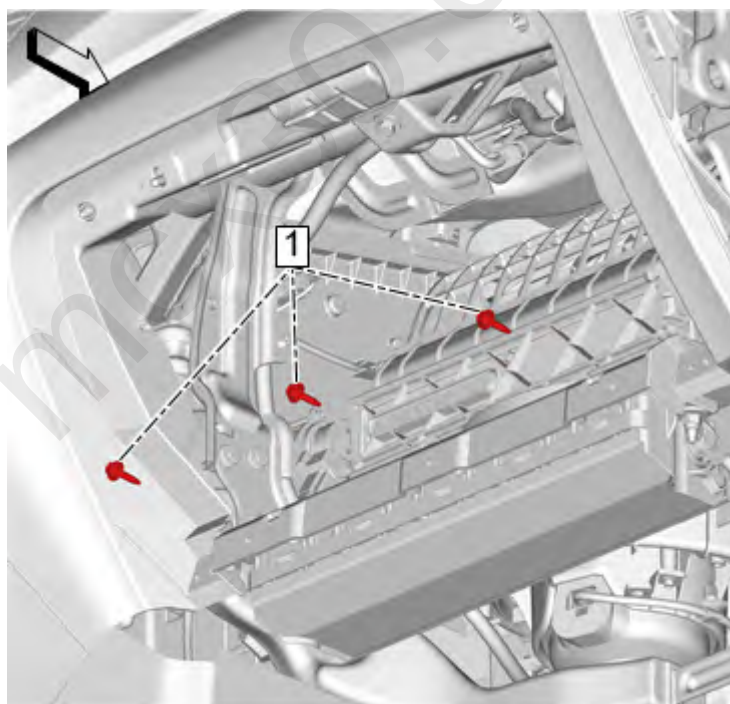
**Fig. 6: Instrument Panel Outer Trim Cover**  
 Courtesy of GENERAL MOTORS COMPANY

3. Remove Instrument Panel Outer Trim Cover - Right (2) - **Instrument Panel Outer Trim Cover Replacement (Buick)**



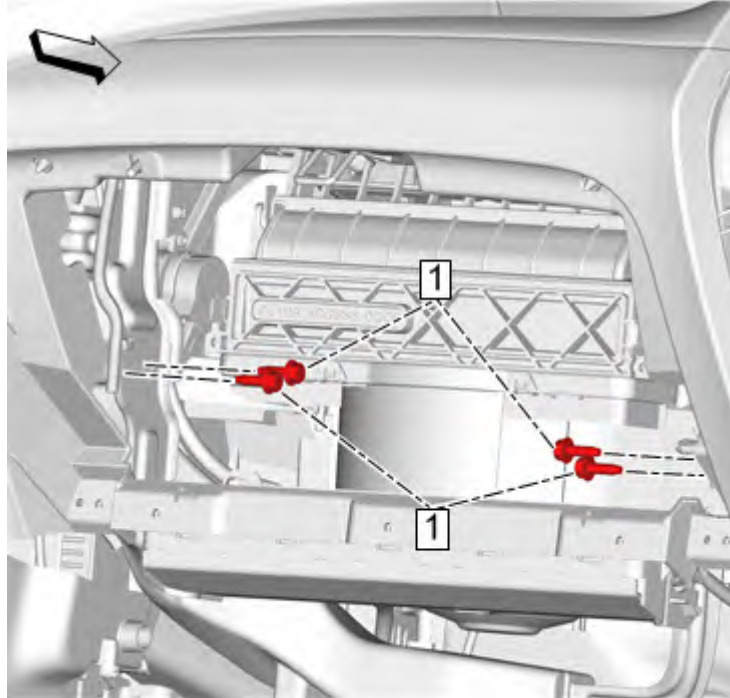
**Fig. 7: Instrument Panel Lower Trim Panel**  
 Courtesy of GENERAL MOTORS COMPANY

4. Remove Instrument Panel Lower Trim Panel Insulator (2) - [Instrument Panel Lower Trim Panel Insulator Replacement \(Buick\)](#)



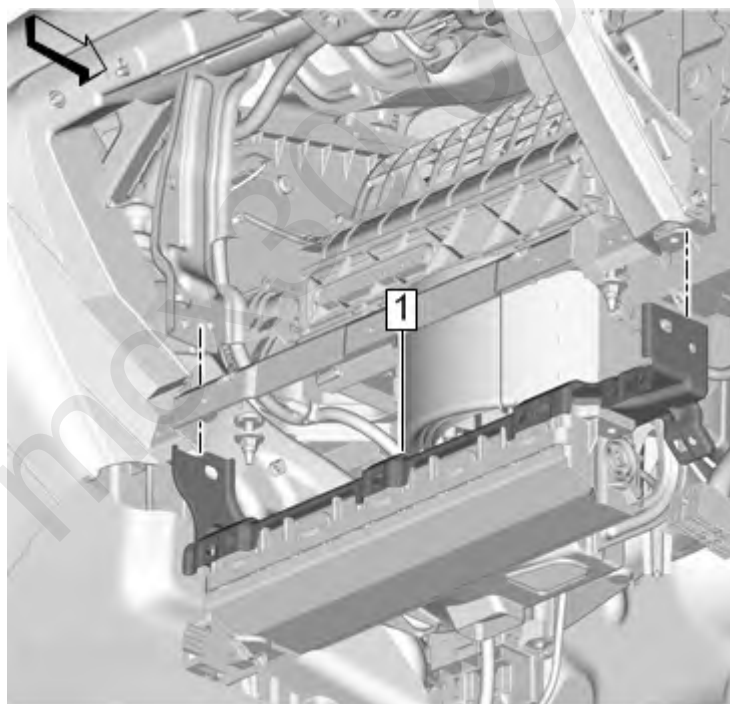
**Fig. 8: Instrument Panel Bolt**  
 Courtesy of GENERAL MOTORS COMPANY

5. Remove Instrument Panel Bolt (1)



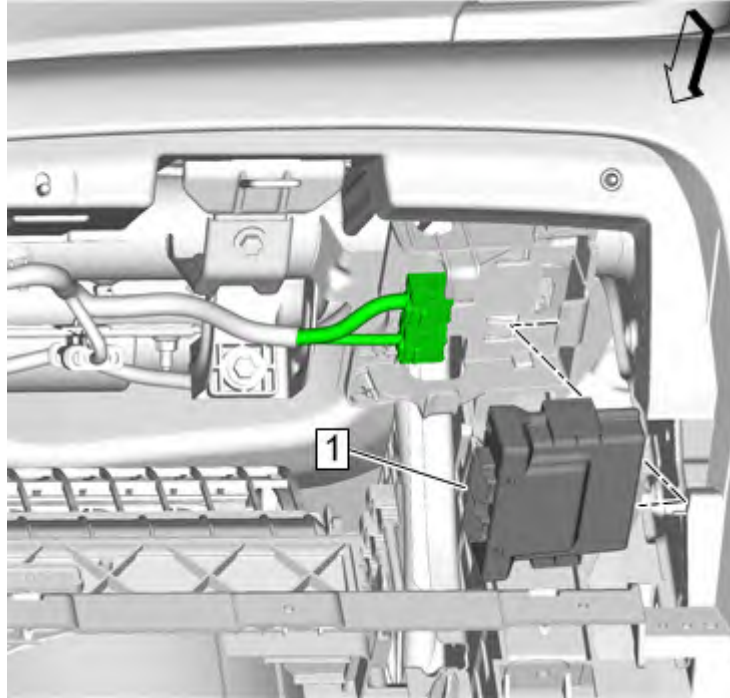
**Fig. 9: Instrument Panel Lower Airbag Bracket Bolt**  
Courtesy of GENERAL MOTORS COMPANY

6. Remove Instrument Panel Lower Airbag Bracket Bolt (1)
7. Disconnect the electrical connector.



**Fig. 10: Instrument Panel Lower Airbag Bracket**  
Courtesy of GENERAL MOTORS COMPANY

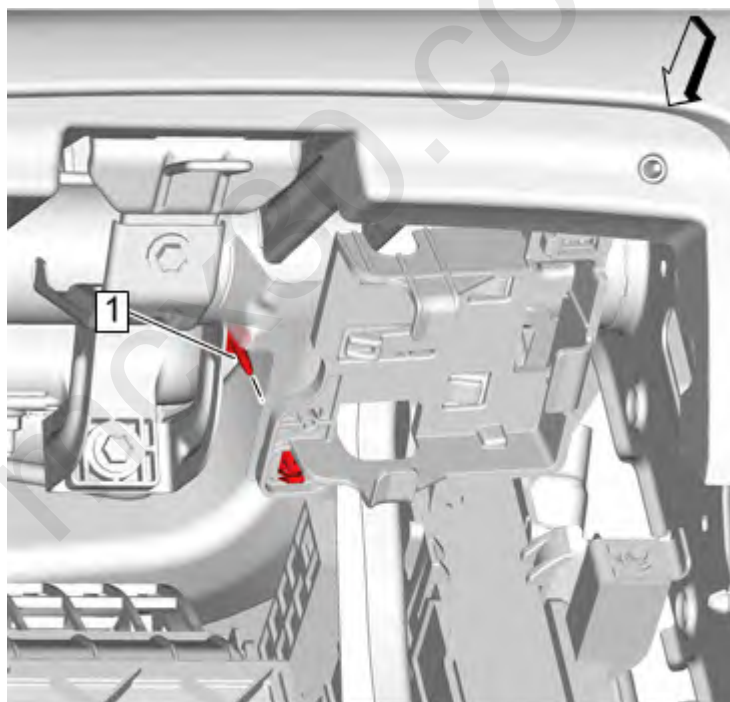
8. Remove Instrument Panel Lower Airbag Bracket (1)



**Fig. 11: Serial Data Gateway Module**

Courtesy of GENERAL MOTORS COMPANY

9. Remove Serial Data Gateway Module (1)
10. Disconnect the electrical connectors.



**Fig. 12: Serial Data Gateway Module Bracket Bolt**

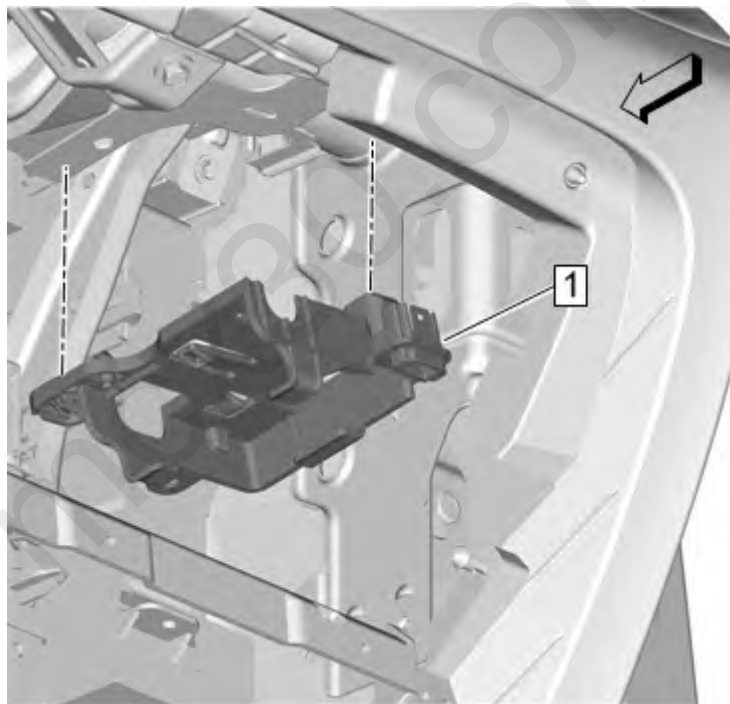
Courtesy of GENERAL MOTORS COMPANY

11. Remove Serial Data Gateway Module Bracket Bolt (1)



**Fig. 13: Serial Data Gateway Module Bracket Bolt**  
Courtesy of GENERAL MOTORS COMPANY

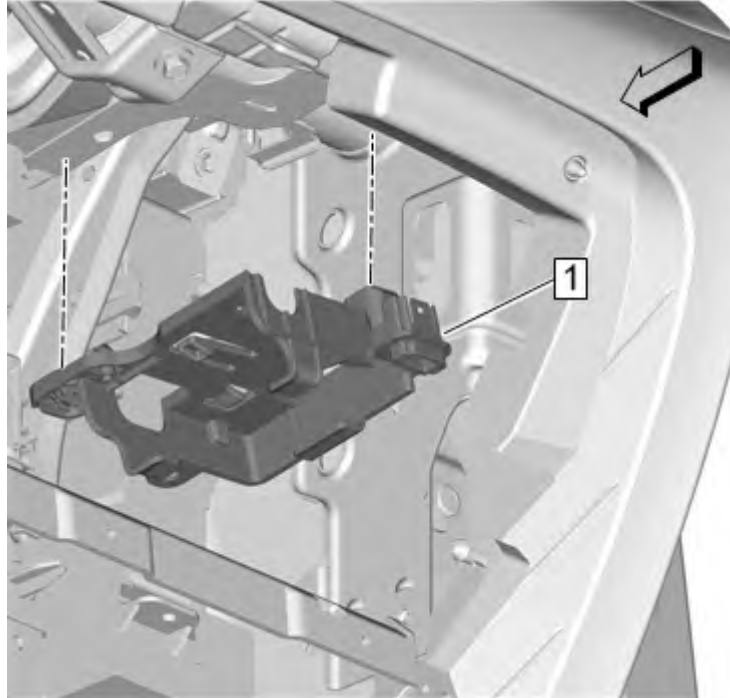
12. Remove Serial Data Gateway Module Bracket Bolt (1)



**Fig. 14: Serial Data Gateway Bracket**  
Courtesy of GENERAL MOTORS COMPANY

13. Remove Serial Data Gateway Bracket (1)

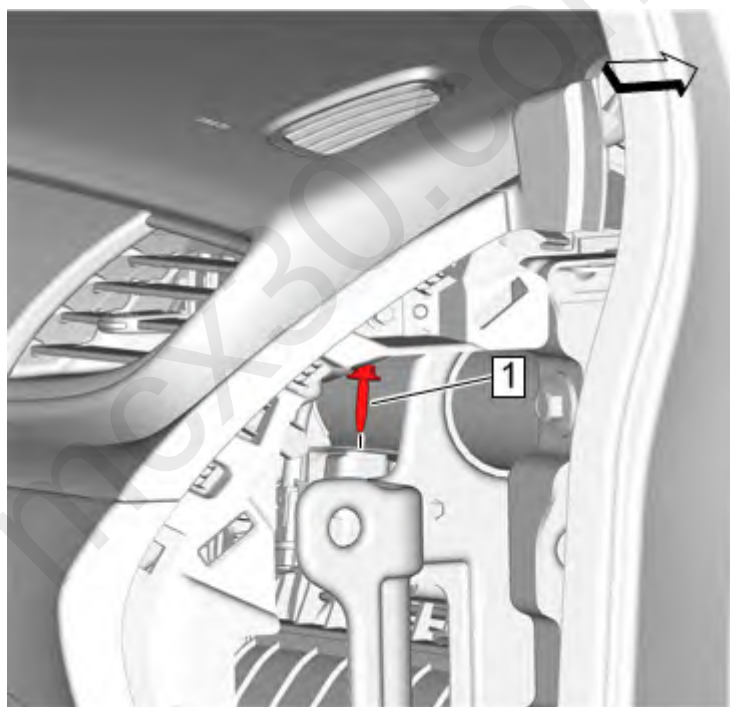
### Installation Procedure



**Fig. 15: Serial Data Gateway Bracket**

Courtesy of GENERAL MOTORS COMPANY

1. Install Serial Data Gateway Bracket (1)

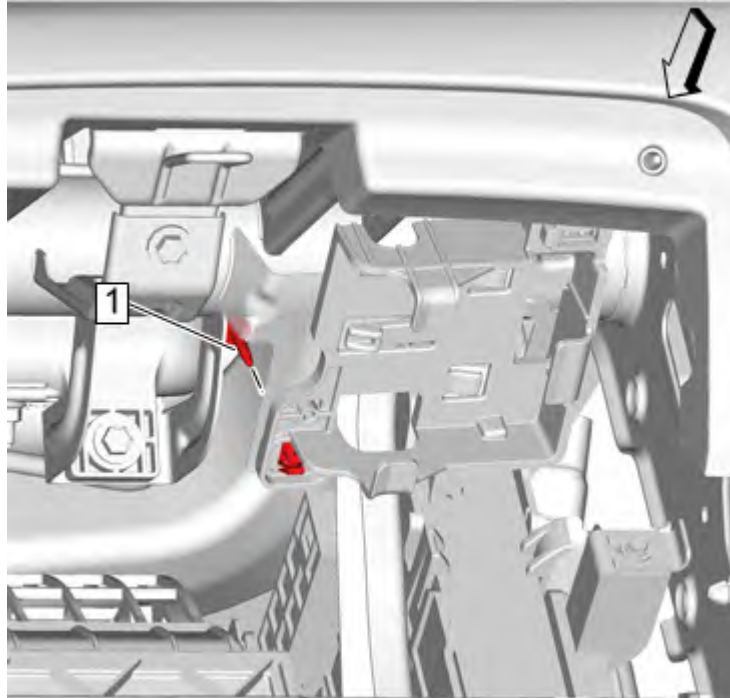


**Fig. 16: Serial Data Gateway Module Bracket Bolt**

Courtesy of GENERAL MOTORS COMPANY

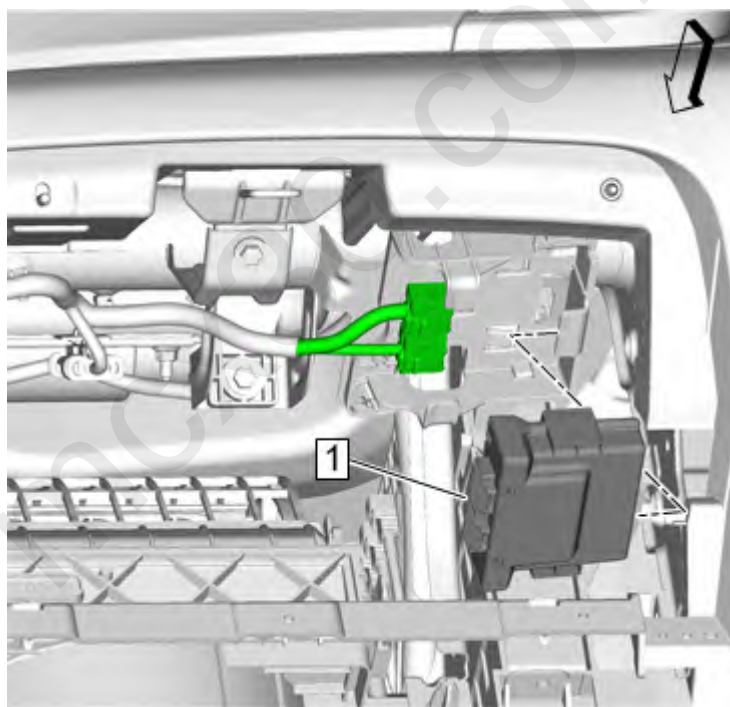
**CAUTION:** Fastener Caution

2. Install Serial Data Gateway Module Bracket Bolt (1) and tighten 1.8 N.m (16 lb in)



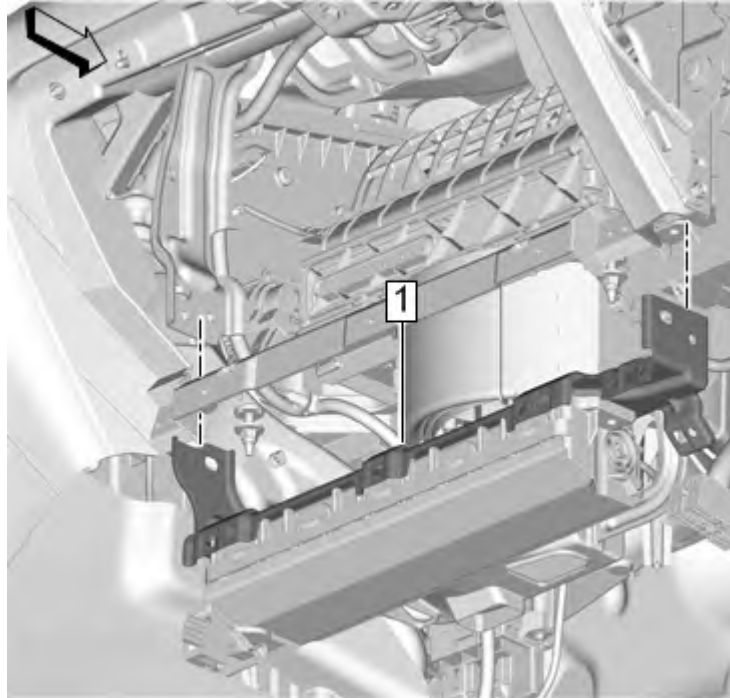
**Fig. 17: Serial Data Gateway Module Bracket Bolt**  
Courtesy of GENERAL MOTORS COMPANY

3. Install Serial Data Gateway Module Bracket Bolt (1) and tighten 1.8 N.m (16 lb in)



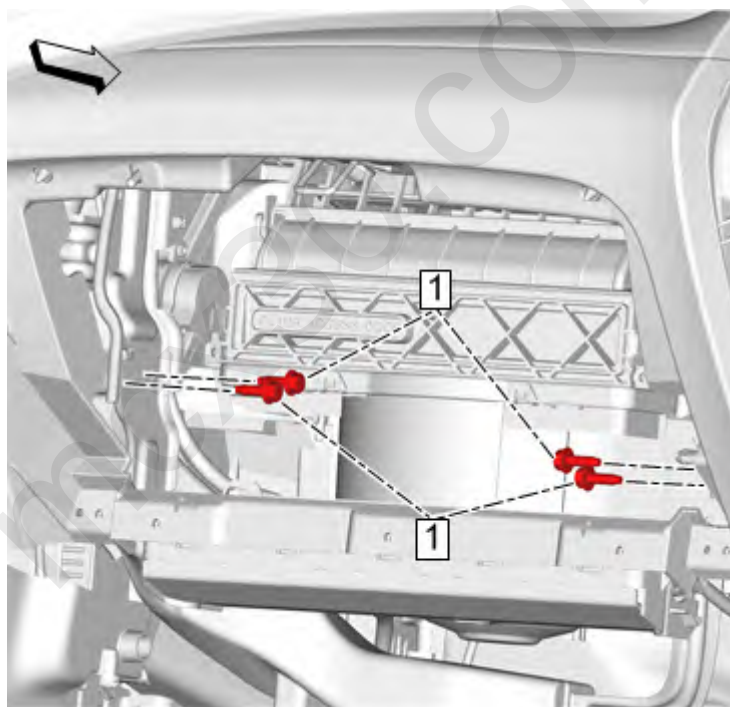
**Fig. 18: Serial Data Gateway Module**  
Courtesy of GENERAL MOTORS COMPANY

4. Install Serial Data Gateway Module (1)
5. Connect the electrical connector.



**Fig. 19: Instrument Panel Lower Airbag Bracket**  
**Courtesy of GENERAL MOTORS COMPANY**

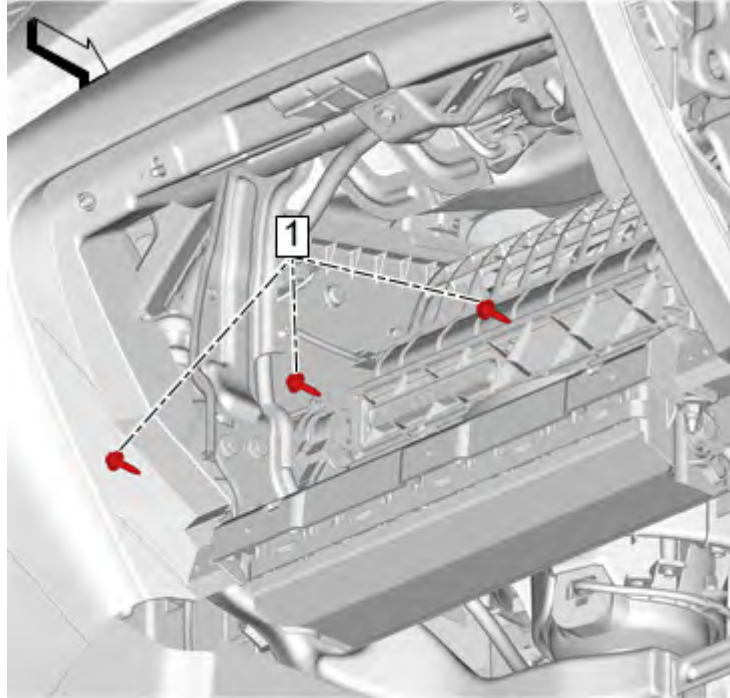
6. Install Instrument Panel Lower Airbag Bracket (1)



**Fig. 20: Instrument Panel Lower Airbag Bracket Bolt**  
**Courtesy of GENERAL MOTORS COMPANY**

7. Install Instrument Panel Lower Airbag Bracket Bolt (1) and tighten 9 N.m (80 lb in)

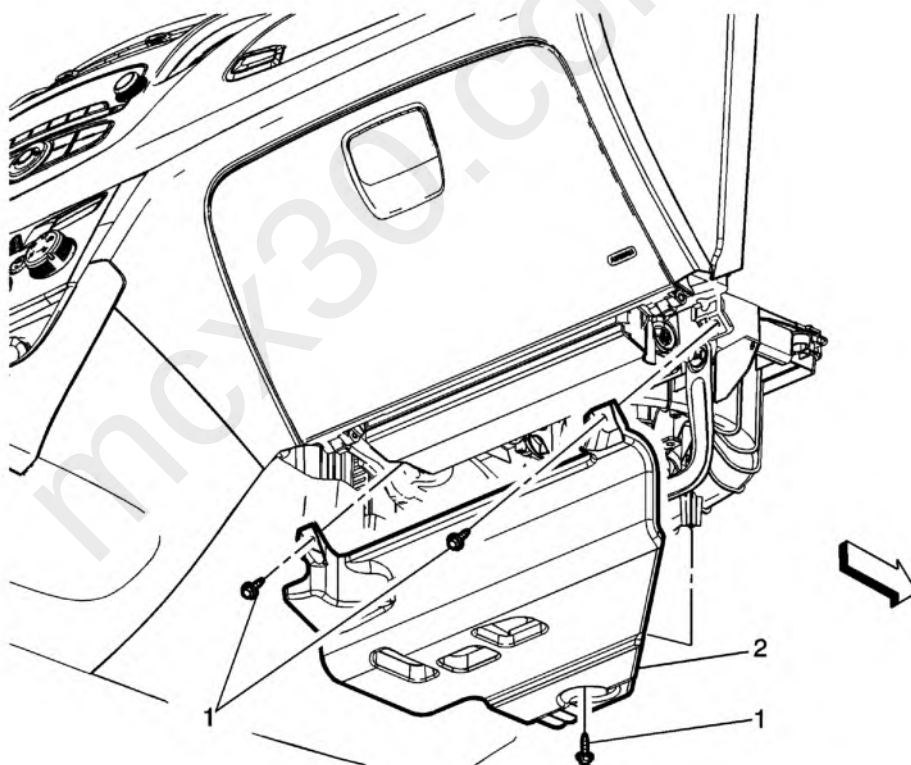
8. Connect the electrical connector.



**Fig. 21: Instrument Panel Bolt**

Courtesy of GENERAL MOTORS COMPANY

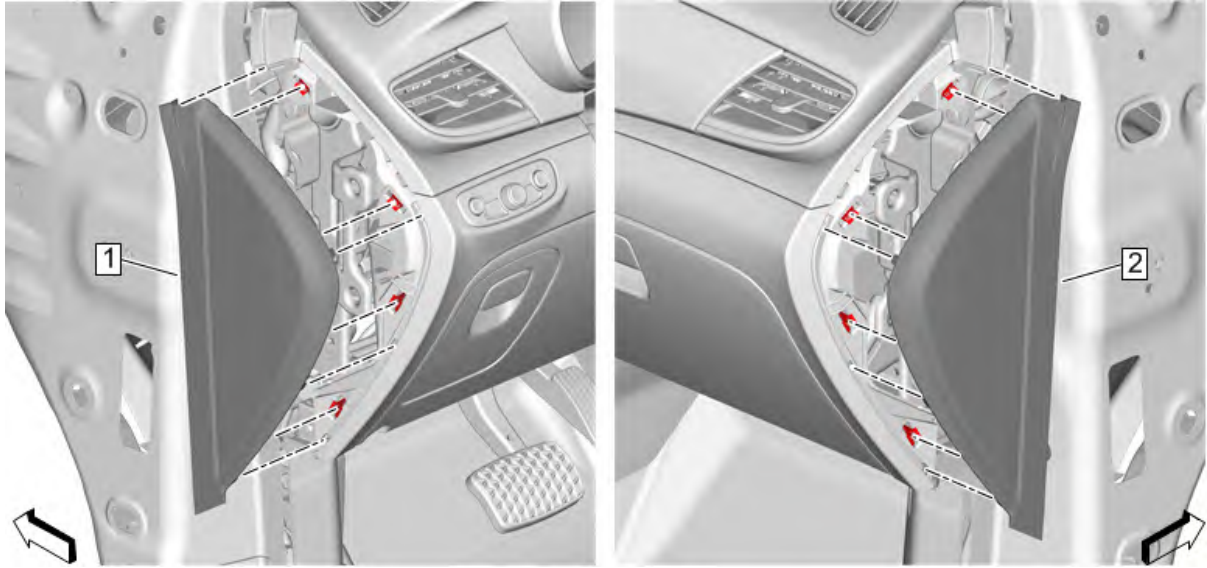
9. Install Instrument Panel Bolt (1) and tighten 2.5 N.m (22 lb in)



**Fig. 22: Instrument Panel Lower Trim Panel**

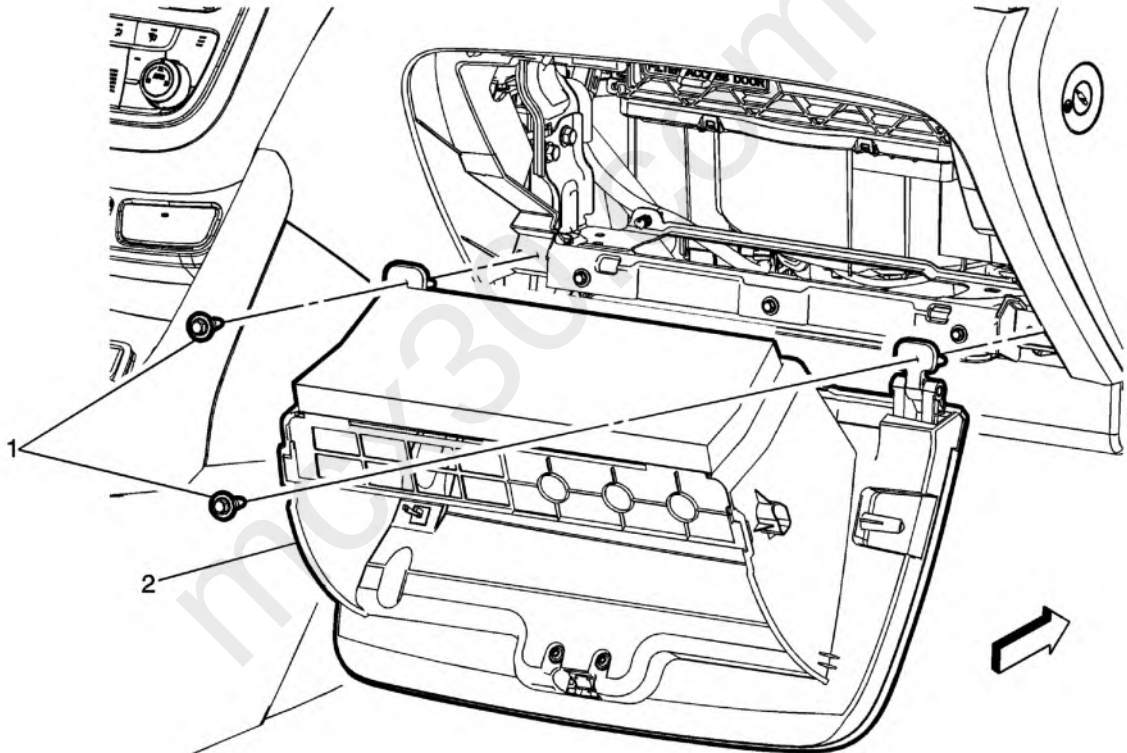
Courtesy of GENERAL MOTORS COMPANY

10. Install Instrument Panel Lower Trim Panel Insulator (2) - [Instrument Panel Lower Trim Panel Insulator Replacement \(Buick\)](#)



**Fig. 23: Instrument Panel Outer Trim Cover**  
Courtesy of GENERAL MOTORS COMPANY

11. Install Instrument Panel Outer Trim Cover - Right (2) - [Instrument Panel Outer Trim Cover Replacement \(Buick\)](#)



**Fig. 24: Instrument Panel Compartment**  
Courtesy of GENERAL MOTORS COMPANY

12. Install Instrument Panel Compartment (2) - [Instrument Panel Compartment Replacement](#)  
13. Enable the SIR System. [SIR Disabling and Enabling](#)

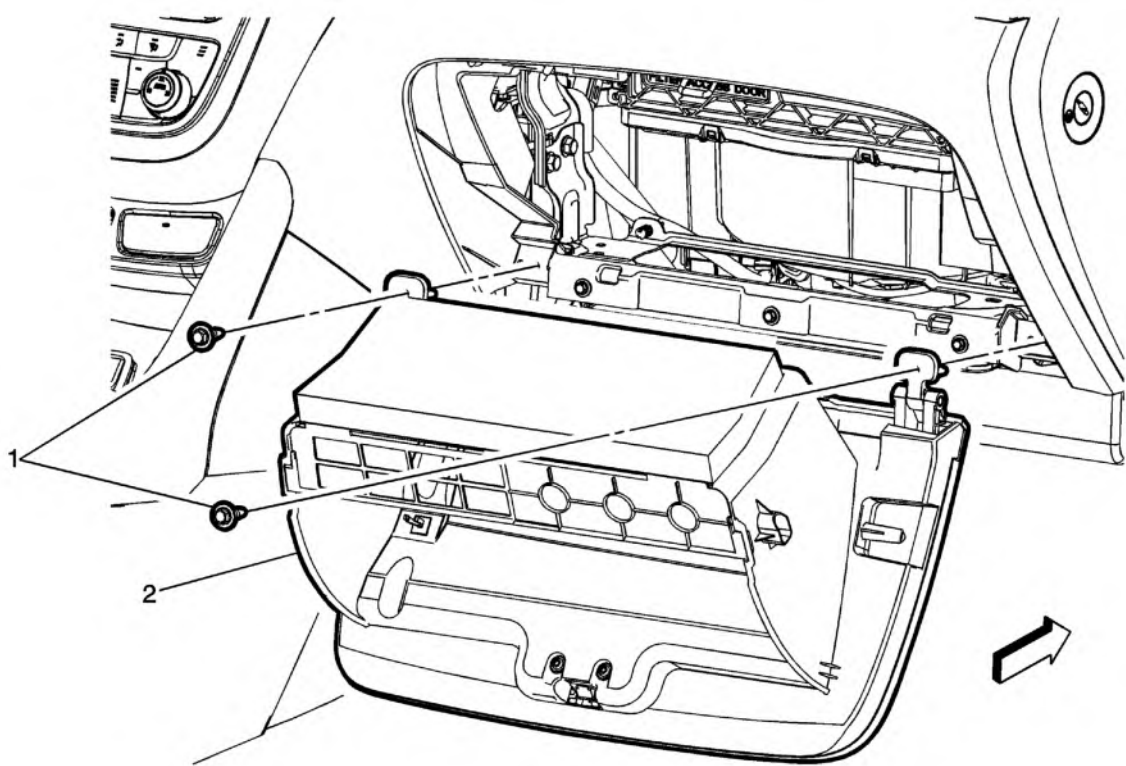
## **SERIAL DATA GATEWAY BRACKET REPLACEMENT (CHEVROLET)**

### **Removal Procedure**

**WARNING:** [SIR Inflator Module Handling and Storage Warning](#)

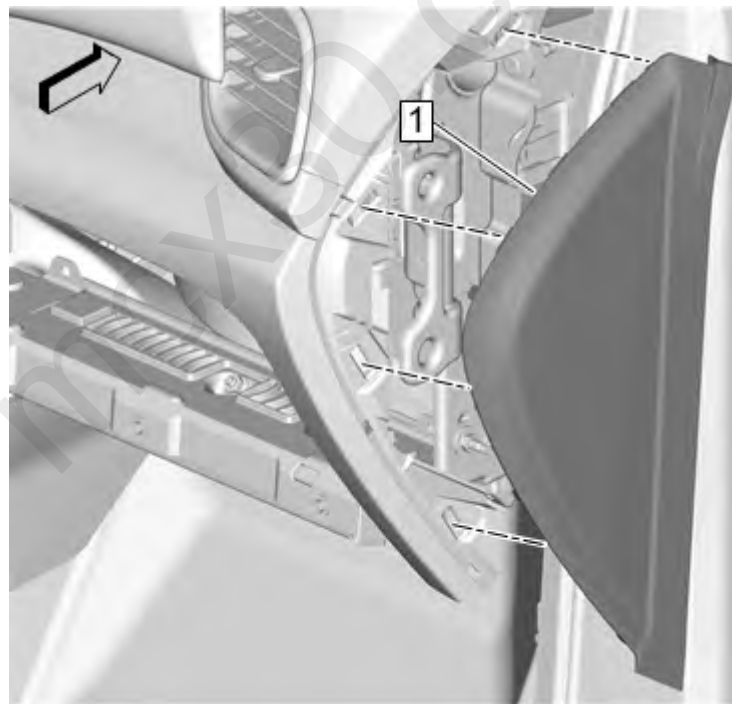
**WARNING:** [SIR Warning](#)

1. Disable the SIR system. [SIR Disabling and Enabling](#)



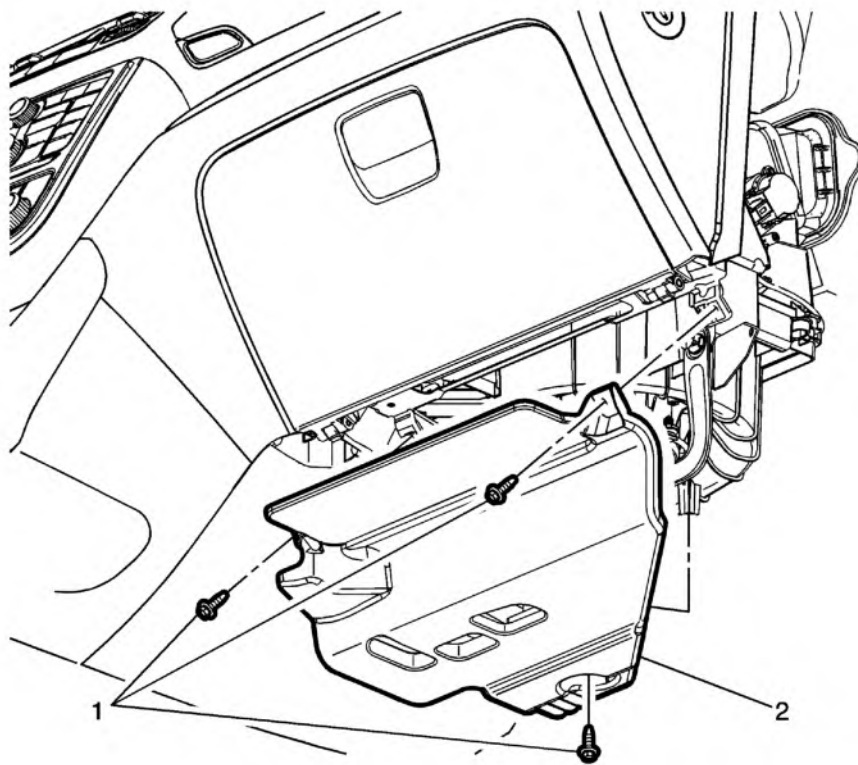
**Fig. 25: Instrument Panel Compartment**  
 Courtesy of GENERAL MOTORS COMPANY

2. Remove Instrument Panel Compartment (2) - [Instrument Panel Compartment Replacement](#)



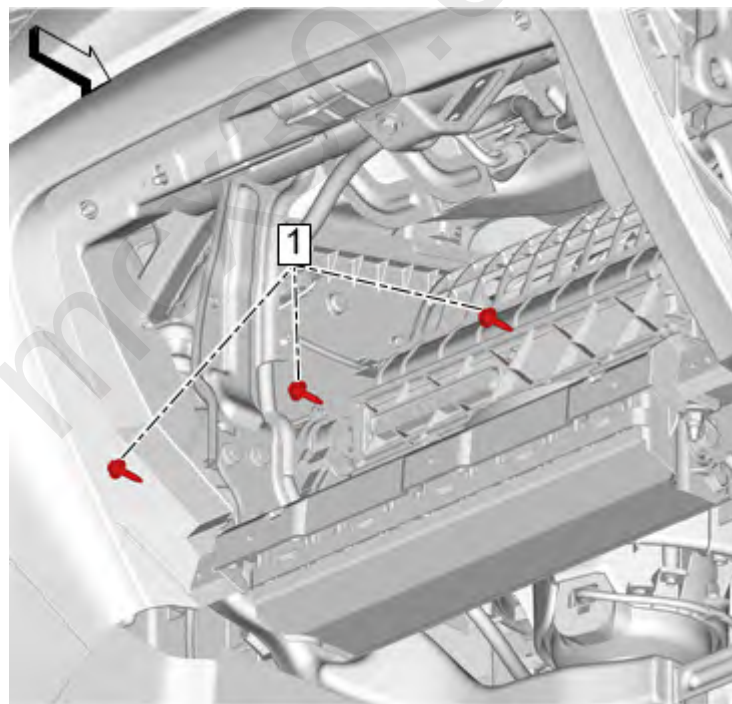
**Fig. 26: Instrument Panel Outer Trim Cover**  
 Courtesy of GENERAL MOTORS COMPANY

3. Remove Instrument Panel Outer Trim Cover - Right (1)- [Instrument Panel Outer Trim Cover Replacement \(Chevrolet\)](#)



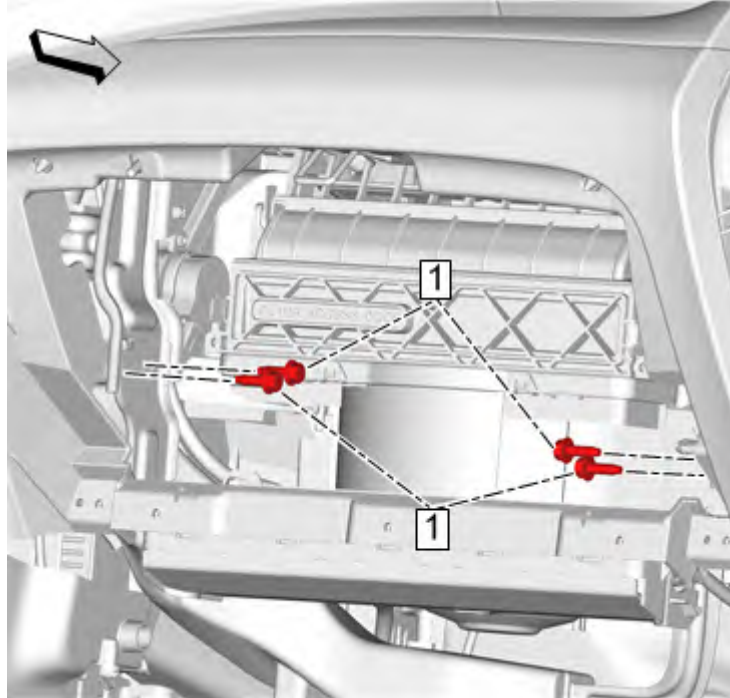
**Fig. 27: Instrument Panel Lower Trim Panel Insulator**  
 Courtesy of GENERAL MOTORS COMPANY

4. Instrument Panel Lower Trim Panel Insulator (2) - **Instrument Panel Lower Trim Panel Insulator Replacement (Chevrolet)**



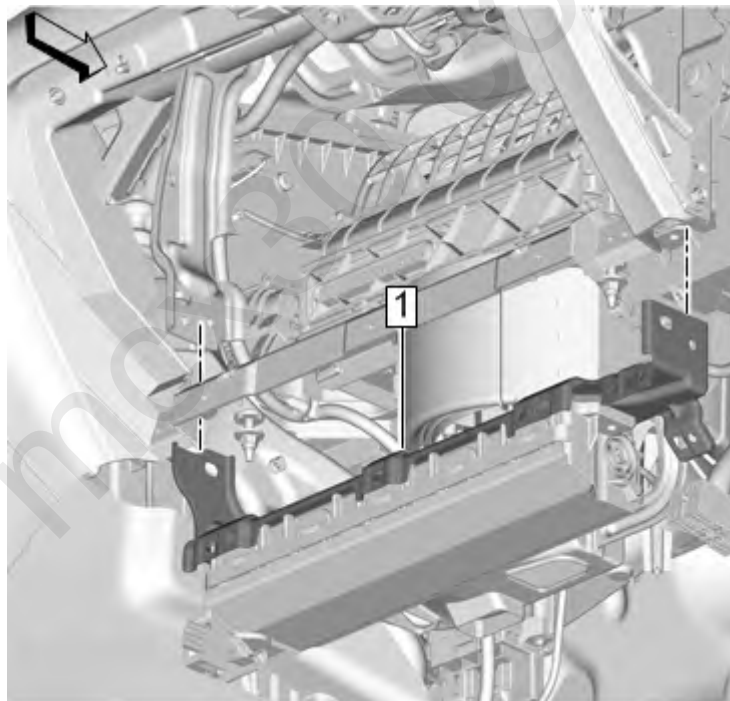
**Fig. 28: Instrument Panel Bolt**  
 Courtesy of GENERAL MOTORS COMPANY

5. Remove Instrument Panel Bolt (1)



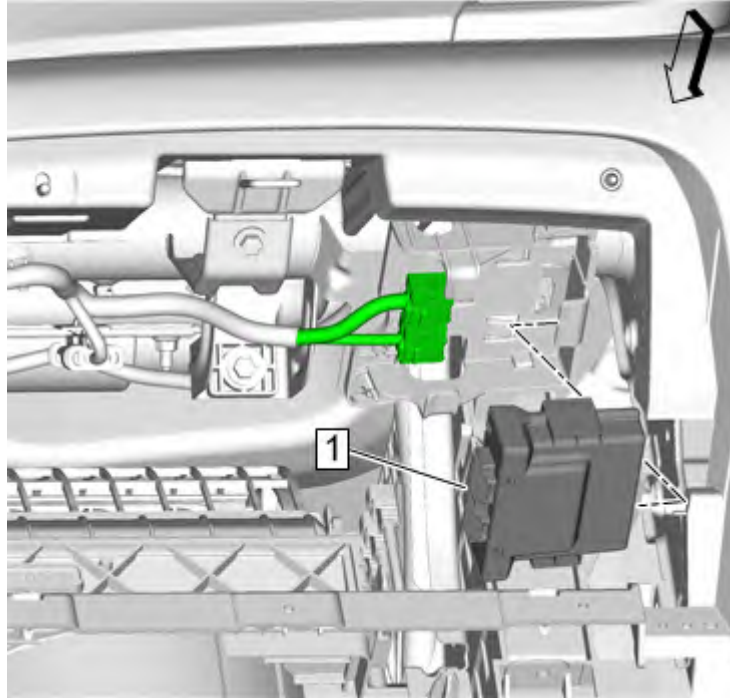
**Fig. 29: Instrument Panel Lower Airbag Bracket Bolt**  
 Courtesy of GENERAL MOTORS COMPANY

6. Remove Instrument Panel Lower Airbag Bracket Bolt (1)
7. Disconnect the electrical connector.



**Fig. 30: Instrument Panel Lower Airbag Bracket**  
 Courtesy of GENERAL MOTORS COMPANY

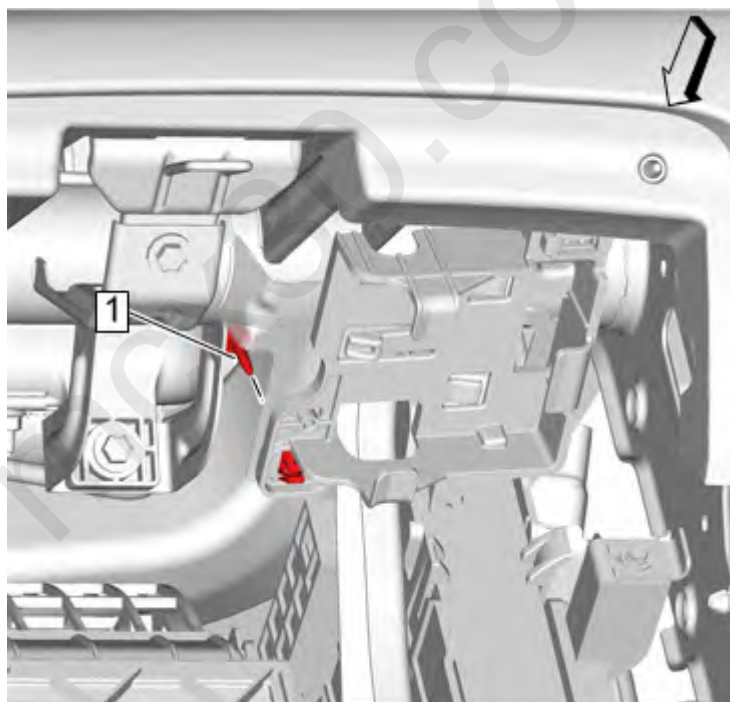
8. Remove Instrument Panel Lower Airbag Bracket (1)



**Fig. 31: Serial Data Gateway Module**

**Courtesy of GENERAL MOTORS COMPANY**

- 9. Serial Data Gateway Module (1)
- 10. Disconnect the electrical connectors.



**Fig. 32: Serial Data Gateway Module Bracket Bolt**

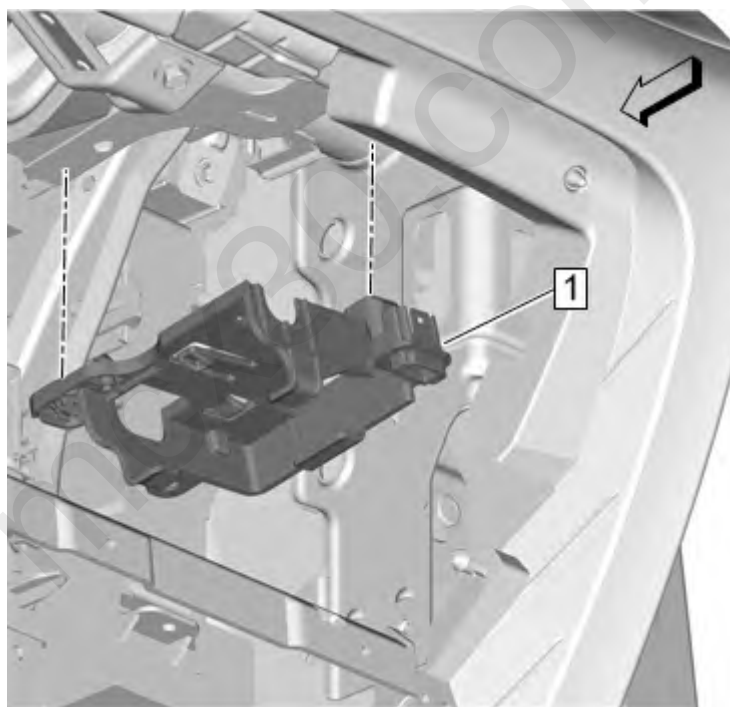
**Courtesy of GENERAL MOTORS COMPANY**

- 11. Serial Data Gateway Module Bracket Bolt (1)



**Fig. 33: Serial Data Gateway Module Bracket Bolt**  
**Courtesy of GENERAL MOTORS COMPANY**

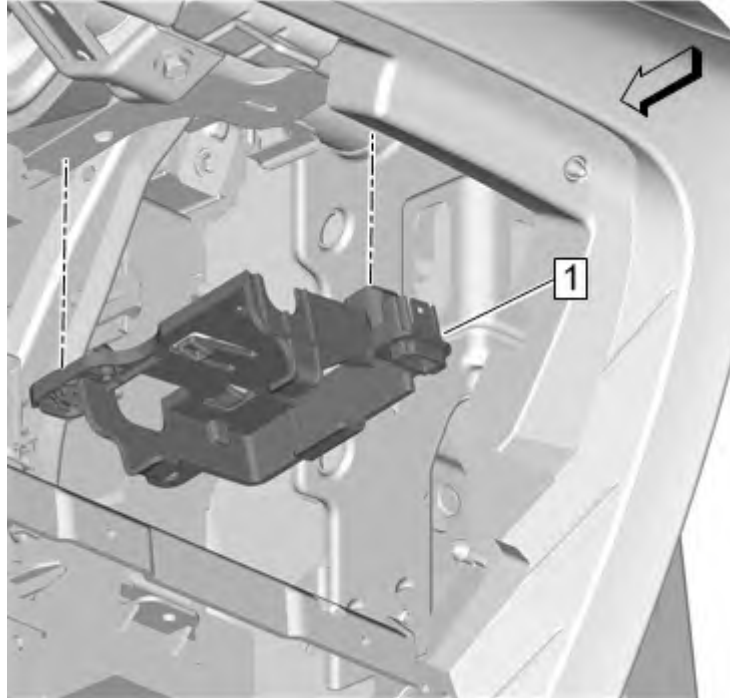
12. Serial Data Gateway Module Bracket Bolt (1)



**Fig. 34: Serial Data Gateway Bracket**  
**Courtesy of GENERAL MOTORS COMPANY**

13. Serial Data Gateway Bracket (1)

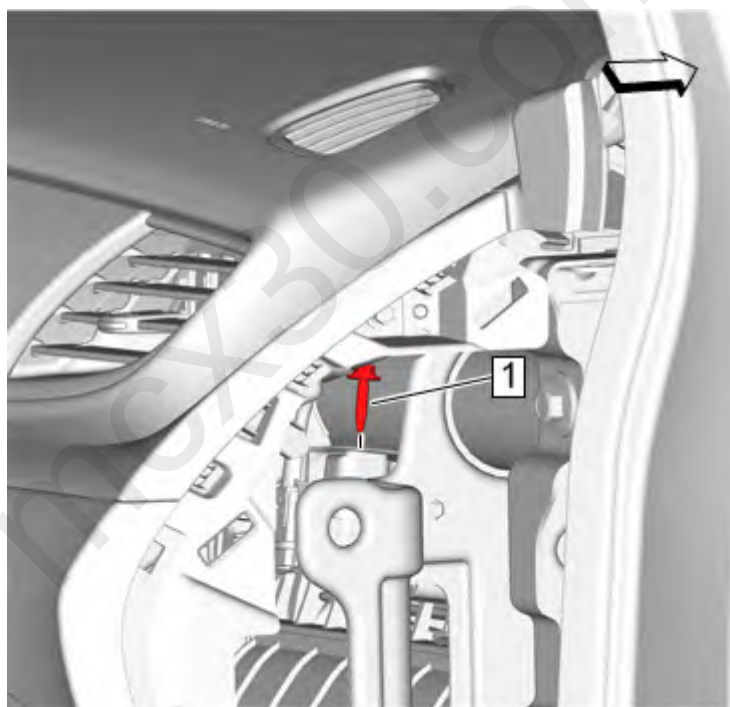
### **Installation Procedure**



**Fig. 35: Serial Data Gateway Bracket**

Courtesy of GENERAL MOTORS COMPANY

1. Install Serial Data Gateway Bracket (1)

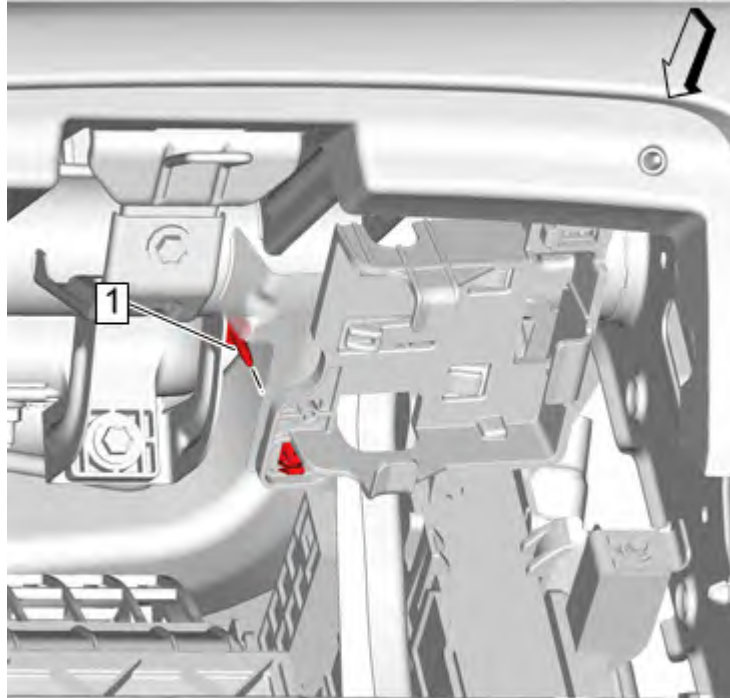


**Fig. 36: Serial Data Gateway Module Bracket Bolt**

Courtesy of GENERAL MOTORS COMPANY

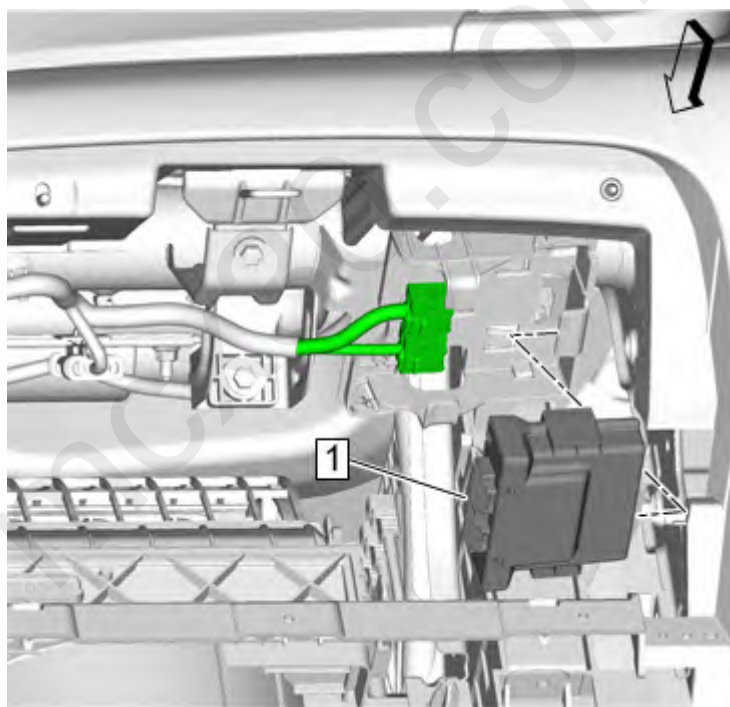
**CAUTION:** Fastener Caution

2. Install Serial Data Gateway Module Bracket Bolt (1) and tighten 1.8 N.m (16 lb in)



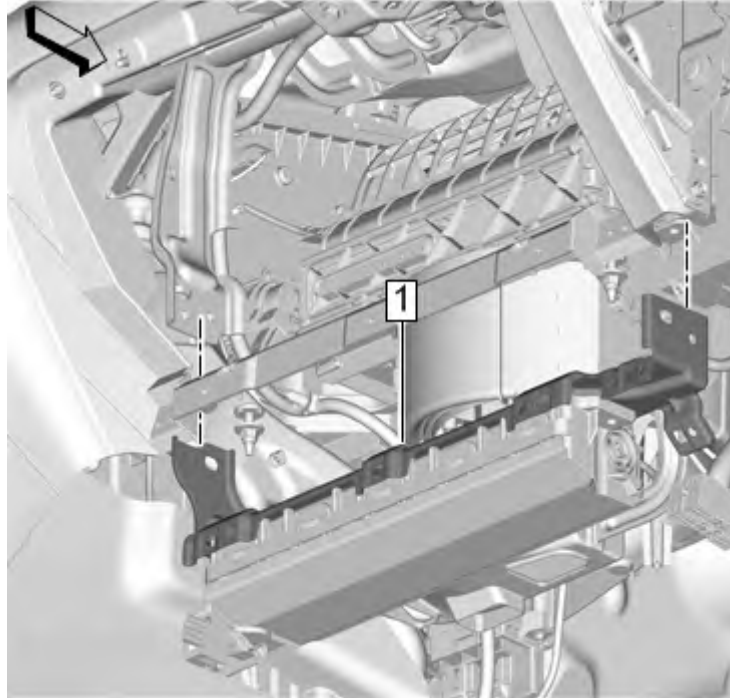
**Fig. 37: Serial Data Gateway Module Bracket Bolt**  
**Courtesy of GENERAL MOTORS COMPANY**

3. Install Serial Data Gateway Module Bracket Bolt and tighten 1.8 N.m (16 lb in)



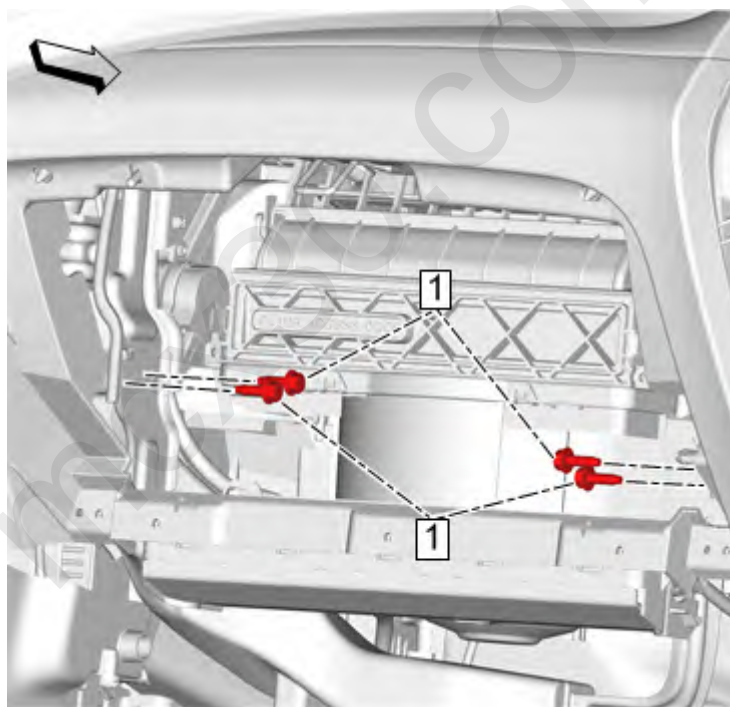
**Fig. 38: Serial Data Gateway Module**  
**Courtesy of GENERAL MOTORS COMPANY**

4. Install Serial Data Gateway Module (1)
5. Connect the electrical connector.



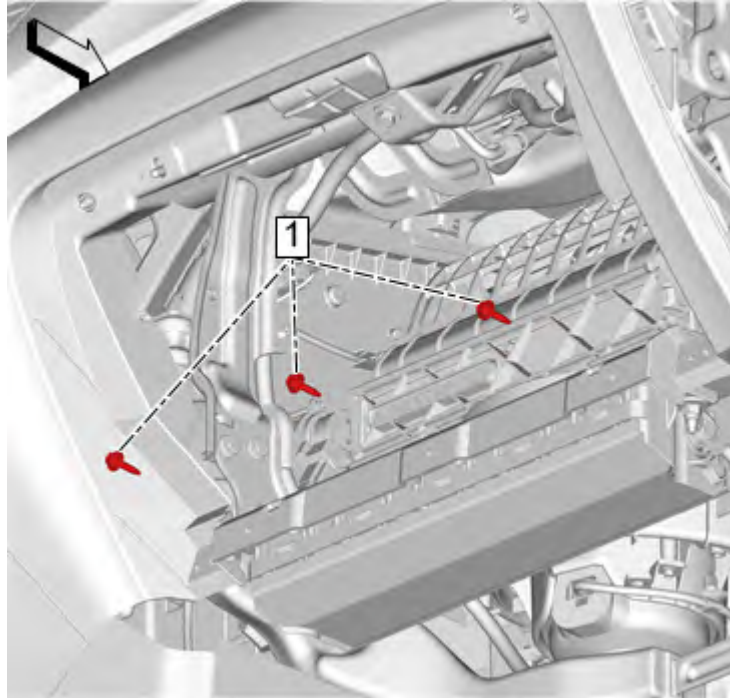
**Fig. 39: Instrument Panel Lower Airbag Bracket**  
 Courtesy of GENERAL MOTORS COMPANY

6. Install Instrument Panel Lower Airbag Bracket (1)



**Fig. 40: Instrument Panel Lower Airbag Bracket Bolt**  
 Courtesy of GENERAL MOTORS COMPANY

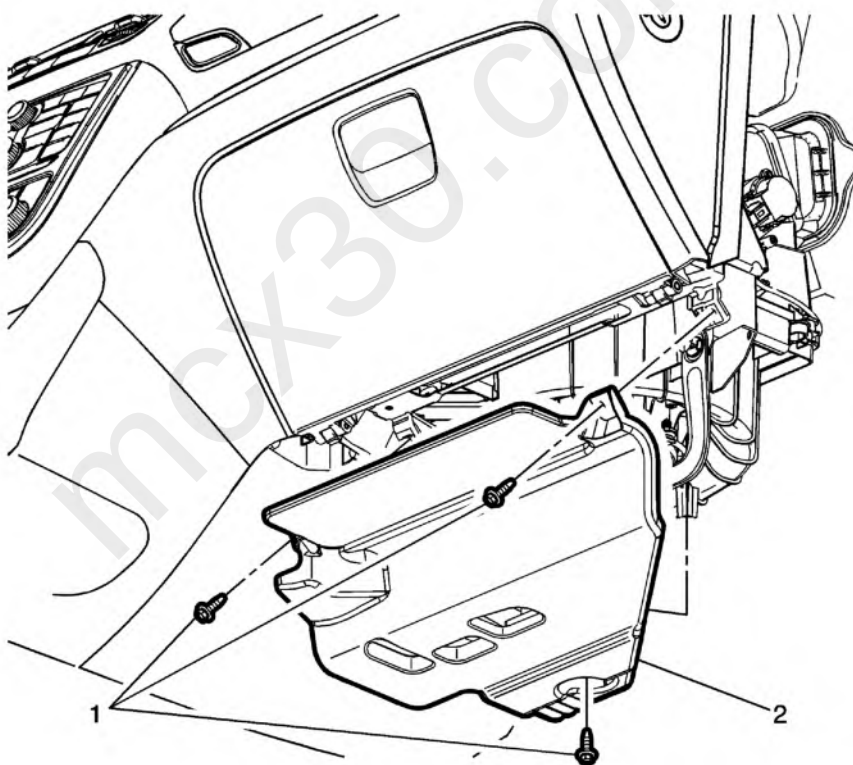
7. Install Instrument Panel Lower Airbag Bracket Bolt (1) and tighten 9 N.m (80 lb in)



**Fig. 41: Instrument Panel Bolt**

Courtesy of GENERAL MOTORS COMPANY

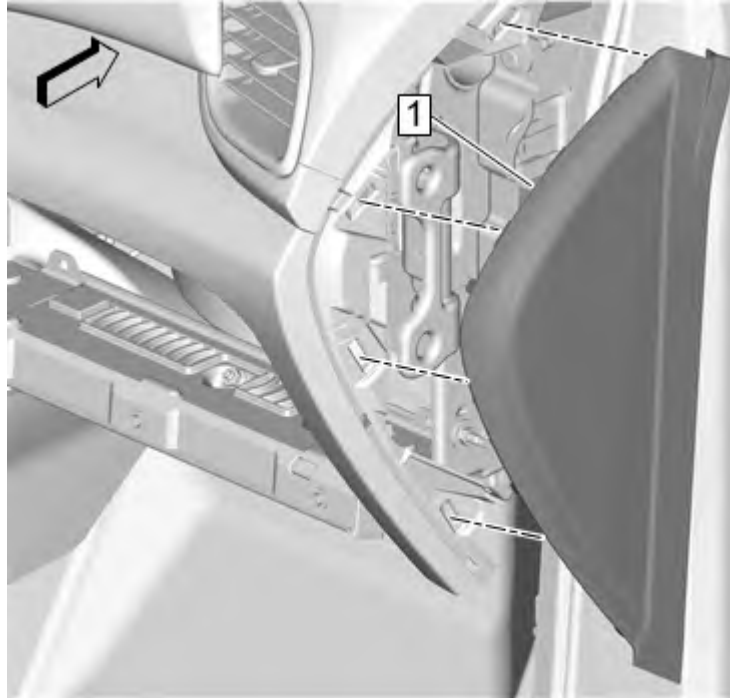
8. Install Instrument Panel Bolt (1) and tighten 2.5 N.m (22 lb in)



**Fig. 42: Instrument Panel Lower Trim Panel Insulator**

Courtesy of GENERAL MOTORS COMPANY

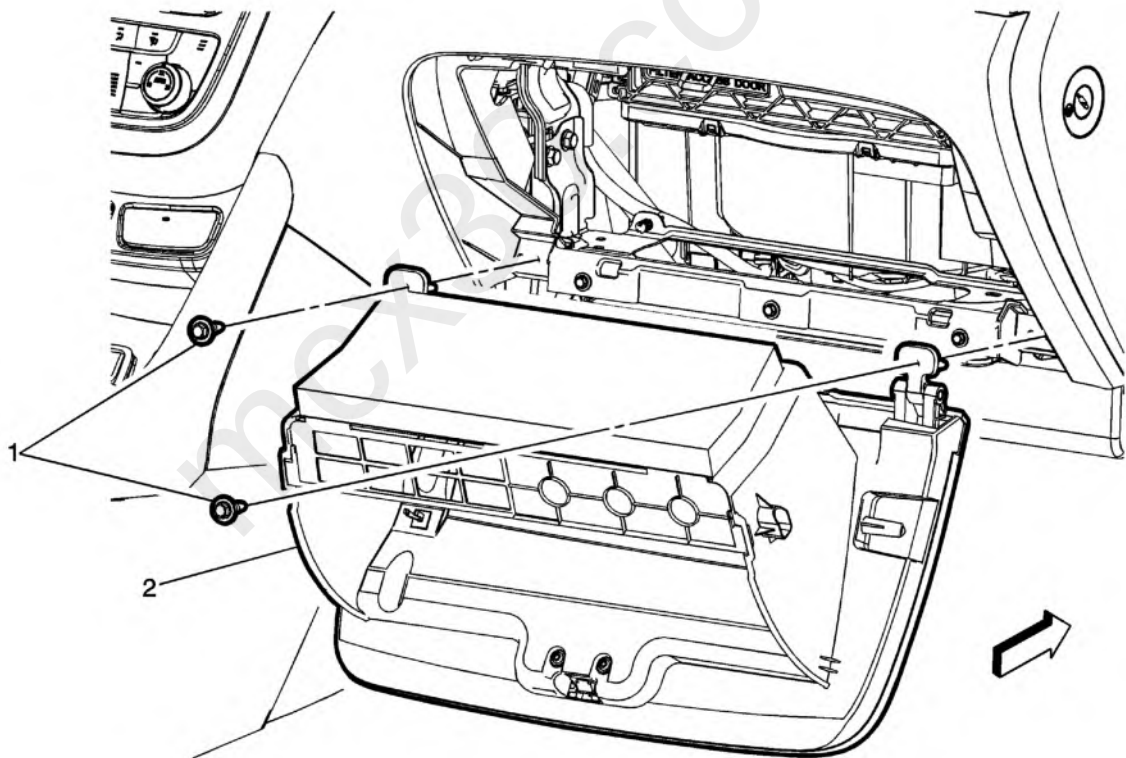
9. Install Instrument Panel Lower Trim Panel Insulator (2)- [Instrument Panel Lower Trim Panel Insulator Replacement \(Chevrolet\)](#)



**Fig. 43: Instrument Panel Outer Trim Cover**

Courtesy of GENERAL MOTORS COMPANY

10. Install Instrument Panel Outer Trim Cover - Right (1)- [Instrument Panel Outer Trim Cover Replacement \(Chevrolet\)](#)



**Fig. 44: Instrument Panel Compartment**

Courtesy of GENERAL MOTORS COMPANY

11. Install Instrument Panel Compartment (2) - [Instrument Panel Compartment Replacement](#)  
 12. Enable the SIR System. [SIR Disabling and Enabling](#)