

2017 ELECTRICAL

Wiring Systems and Power Management - Component Locator - Instrument Panel/Center Console Component Views - Impala

INSTRUMENT PANEL/CENTER CONSOLE COMPONENT VIEWS

FRONT OF INSTRUMENT PANEL COMPONENTS

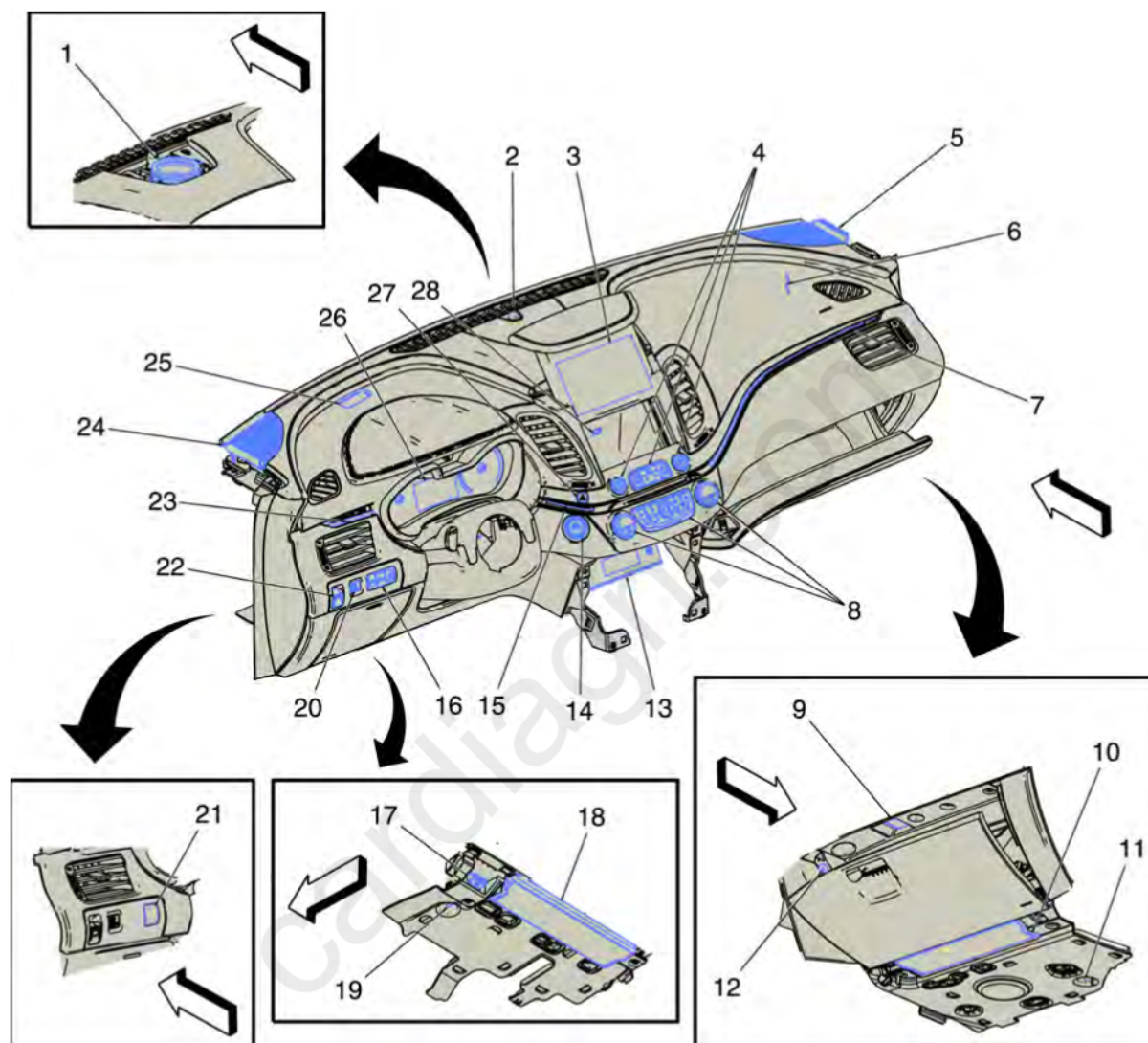


Fig. 1: Front of Instrument Panel Components
Courtesy of GENERAL MOTORS COMPANY

Items

- 1: P19B Speaker - Center Instrument Panel (UQS) **P19B Speaker - Center Instrument Panel**
- 2: B10B Ambient Light/Sunload Sensor **B10B Ambient Light/Sunload Sensor**
- 3: P17 Info Display Module (IO3) **P17 Info Display Module X1** **P17 Info Display Module X2**
- 4: A22 Radio Controls
- 5: P19V Speaker - Right Front Tweeter **P19V Speaker - Right Front Tweeter (UQG)** **P19V Speaker - Right Front Tweeter (UQS)**
- 6: F101 Passenger Instrument Panel Air Bag **F101 Passenger Instrument Panel Air Bag X1** **F101 Passenger Instrument Panel Air Bag X2** **F101 Passenger Instrument Panel Air Bag X3**
- 7: E1H Accent Lamp - Right Instrument Panel (C9J) **E1H Accent Lamp - Right Instrument Panel**
- 8: A26 HVAC Controls **A26 HVAC Controls**
- 9: E27 Instrument Panel Compartment Lamp **E27 Instrument Panel Compartment Lamp**
- 10: F114P Knee Air Bag - Passenger **F114P Knee Air Bag - Passenger**

Items

- 11: E8K Instrument Panel Courtesy Lamp - Right [E8K Instrument Panel Courtesy Lamp - Right](#)
- 12: S35 Instrument Panel Compartment Lamp Switch [S35 Instrument Panel Compartment Lamp Switch](#)
- 13: K33 HVAC Control Module [K33 HVAC Control Module X1 K33 HVAC Control Module X2 K33 HVAC Control Module X3 K33 HVAC Control Module X4](#)
- 14: S38 Ignition Mode Switch (BTM) [S38 Ignition Mode Switch](#)
- 15: E1GA Accent Lamp - Left Middle Instrument Panel (C9J) [E1GA Accent Lamp - Left Middle Instrument Panel](#)
- 16: S48A Multifunction Switch - Instrument Panel (FHV, UD7, UEU and/or UFL) [S48A Multifunction Switch - Instrument Panel](#)
- 17: X84 Data Link Connector [X84 Data Link Connector](#)
- 18: F114D Knee Air Bag - Driver [F114D Knee Air Bag - Driver](#)
- 19: E8J Instrument Panel Courtesy Lamp - Left [E8J Instrument Panel Courtesy Lamp - Left](#)
- 20: S36 Instrument Panel Dimmer Switch [S36 Instrument Panel Dimmer Switch](#)
- 21: S58B Rear Compartment Lid Unlatch Switch - Interior (without UD7, UEU or UFL) [S58B Rear Compartment Lid Unlatch Switch - Interior](#)
- 22: S91 Park Brake Control Switch [S91 Park Brake Control Switch](#)
- 23: E1G Accent Lamp - Left Instrument Panel (C9J) [E1G Accent Lamp - Left Instrument Panel](#)
- 24: P19H Speaker - Left Front Tweeter [P19H Speaker - Left Front Tweeter \(UQG\) P19H Speaker - Left Front Tweeter \(UQS\)](#)
- 25: P43 Collision Alert Indicators (UEU or UFL) [P43 Collision Alert Indicators](#)
- 26: P16 Instrument Cluster [P16 Instrument Cluster](#)
- 27: S26 Hazard Warning Switch [S26 Hazard Warning Switch](#)
- 28: X92 USB Receptacle (MCY) [X92 USB Receptacle](#)

REAR OF INSTRUMENT PANEL COMPONENTS

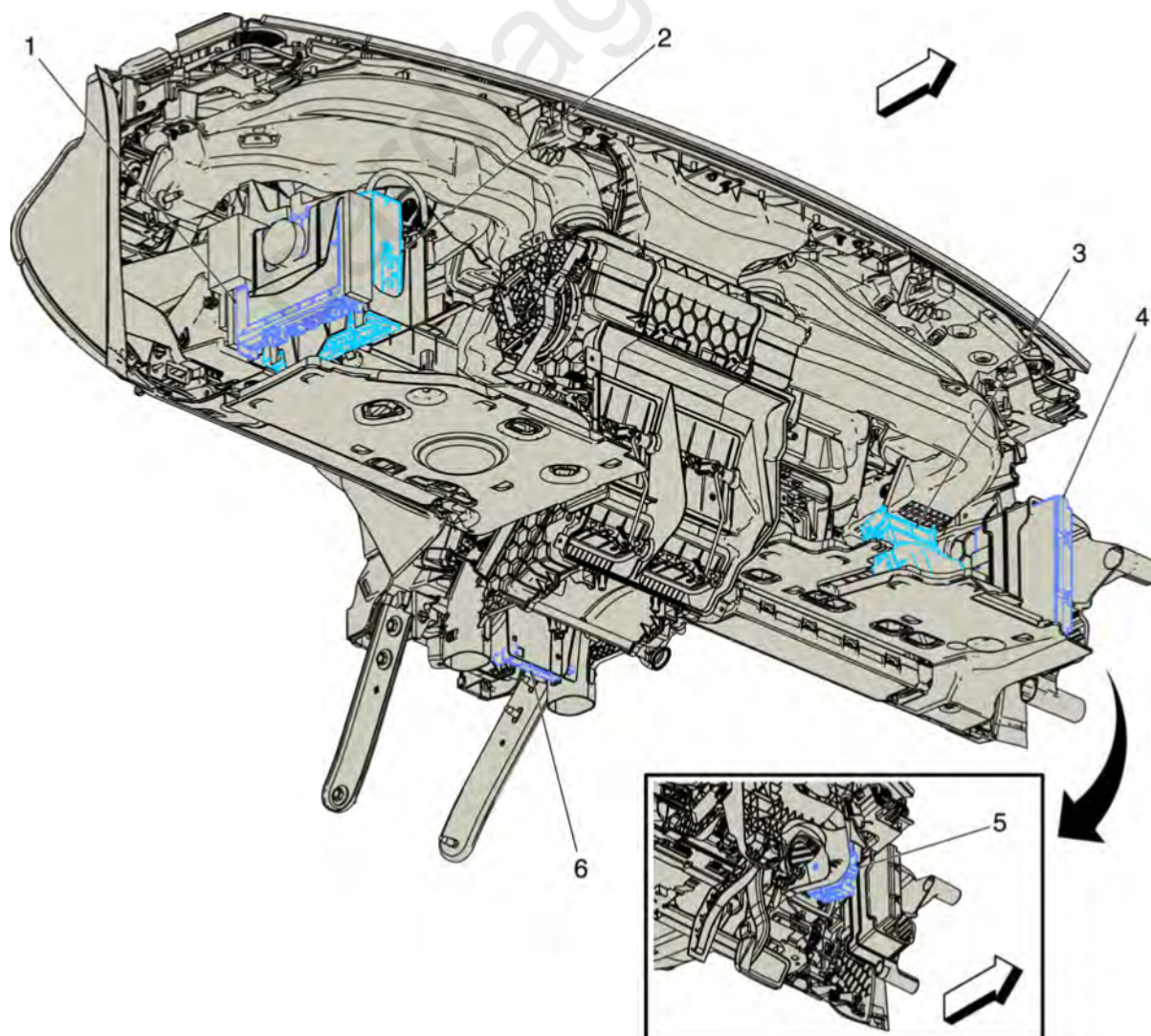


Fig. 2: Rear of Instrument Panel Components
 Courtesy of GENERAL MOTORS COMPANY

Items	
1: K74 Human Machine Interface Control Module (IO5 or IO6)	K74 Human Machine Interface Control Module X1 K74 Human Machine Interface Control Module X2 K74 Human Machine Interface Control Module X3 K74 Human Machine Interface Control Module X4 K74 Human Machine Interface Control Module X5 K74 Human Machine Interface Control Module X7
2: A11 Radio	A11 Radio X1 A11 Radio X2 A11 Radio X4 A11 Radio X6 A11 Radio X7 A11 Radio X8
3: X51A Fuse Block - Instrument Panel	X51A Fuse Block - Instrument Panel X1 (X1) X51A Fuse Block - Instrument Panel X2 (X2)
4: K9 Body Control Module	K9 Body Control Module X1 K9 Body Control Module X2 K9 Body Control Module X3 K9 Body Control Module X4 K9 Body Control Module X5 K9 Body Control Module X6 K9 Body Control Module X7
5: K56 Serial Data Gateway Module	K56 Serial Data Gateway Module X1 K56 Serial Data Gateway Module X2
6: T10J Keyless Entry Antenna - Center Console Front (BTM)	T10J Keyless Entry Antenna - Center Console Front

BOTTOM OF INSTRUMENT PANEL COMPONENTS

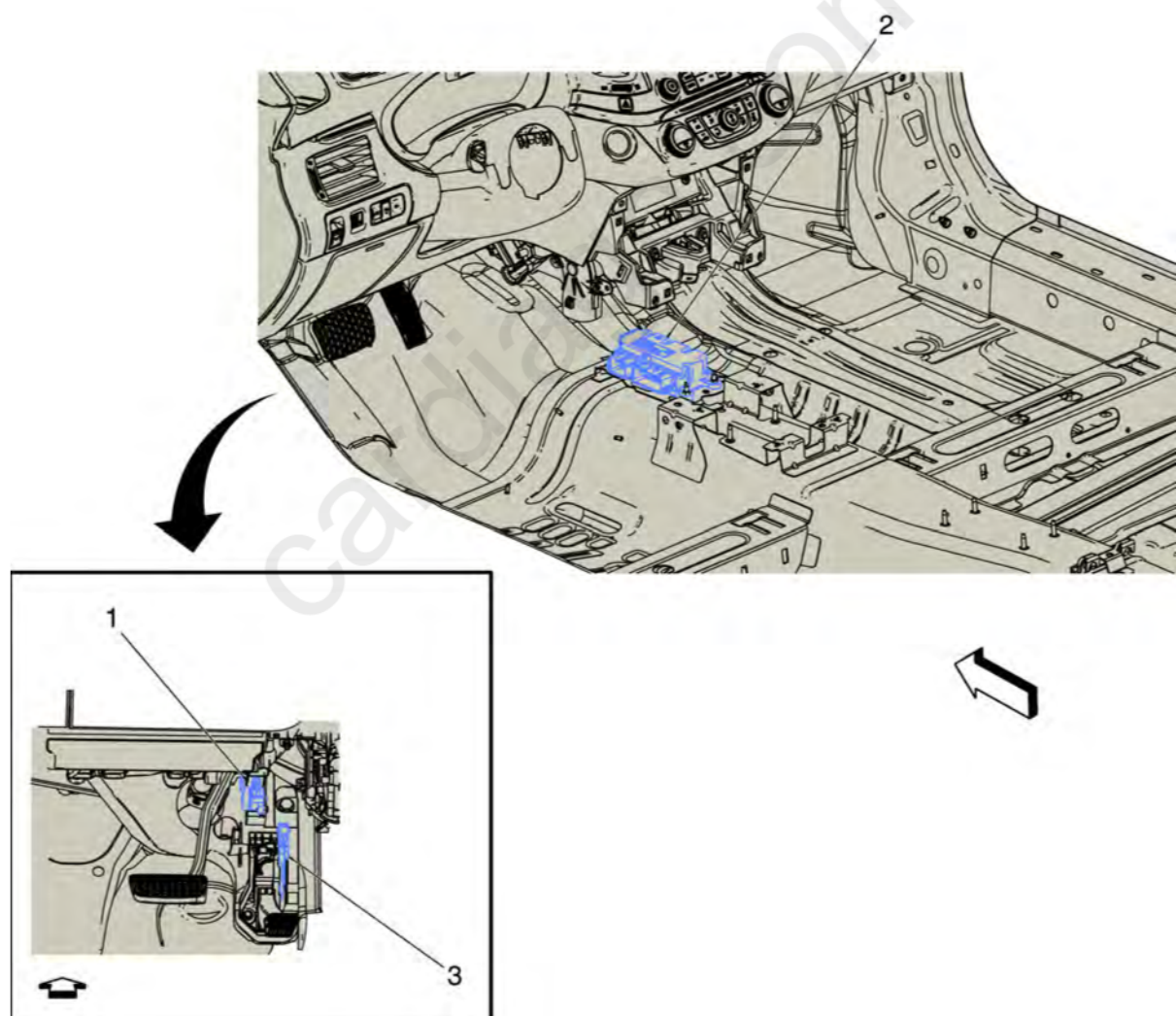


Fig. 3: Bottom of Instrument Panel Components
 Courtesy of GENERAL MOTORS COMPANY

Items	
1: B22 Brake Pedal Position Sensor	B22 Brake Pedal Position Sensor
2: K36 Inflatable Restraint Sensing and Diagnostic Module	K36 Inflatable Restraint Sensing and Diagnostic Module X1 K36 Inflatable Restraint Sensing and Diagnostic Module X2
3: B107 Accelerator Pedal Position Sensor	B107 Accelerator Pedal Position Sensor

BEHIND THE INSTRUMENT PANEL COMPONENTS

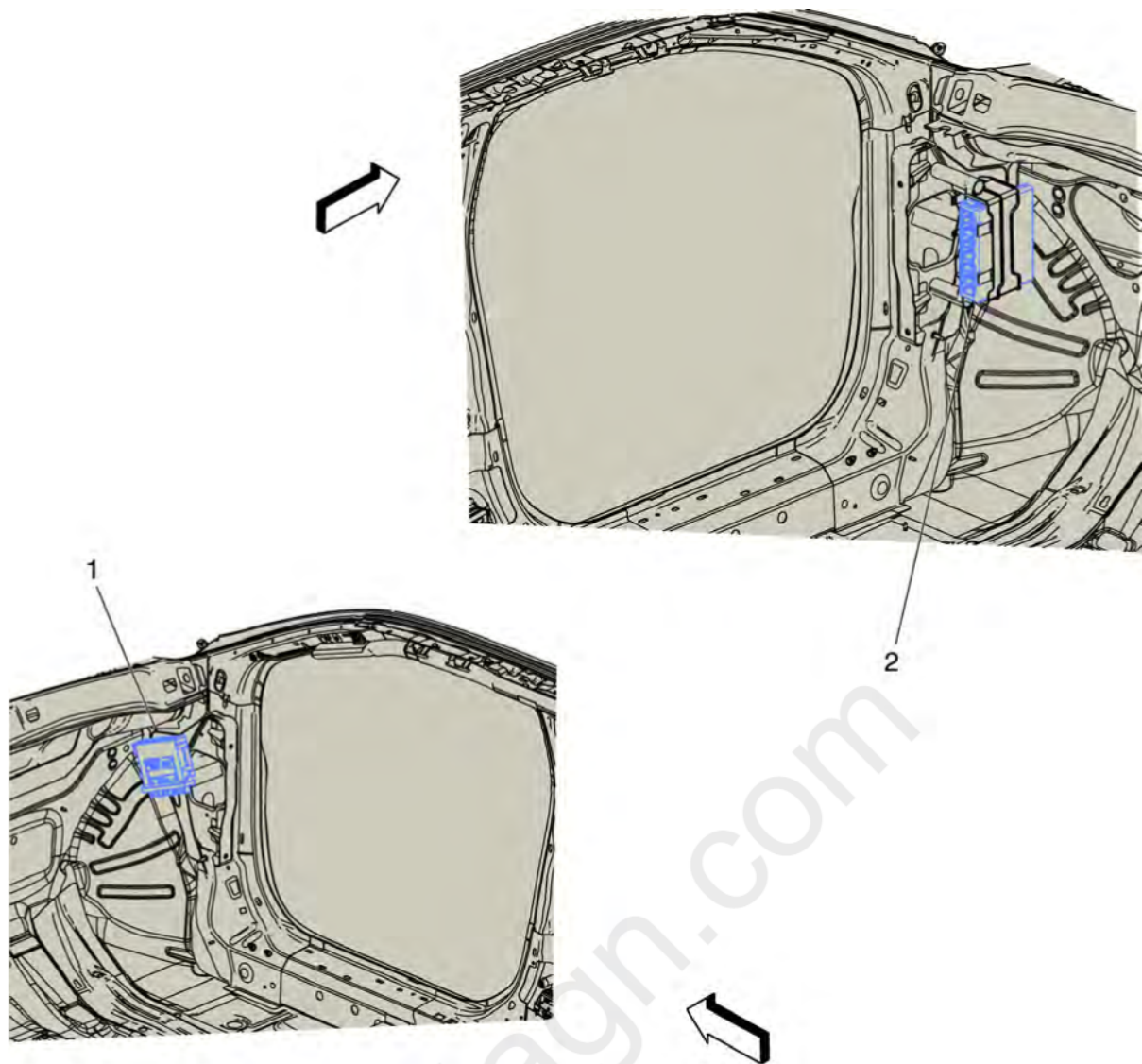


Fig. 4: Behind the Instrument Panel Components

Courtesy of GENERAL MOTORS COMPANY

Items

1: K84 Keyless Entry Control Module (ATH or BTM) K84 Keyless Entry Control Module X1 K84 Keyless Entry Control Module X2 K84 Keyless Entry Control Module X4

2: K9 Body Control Module K9 Body Control Module X1 K9 Body Control Module X2 K9 Body Control Module X3 K9 Body Control Module X4 K9 Body Control Module X5 K9 Body Control Module X6 K9 Body Control Module X7

STEERING COLUMN COMPONENTS

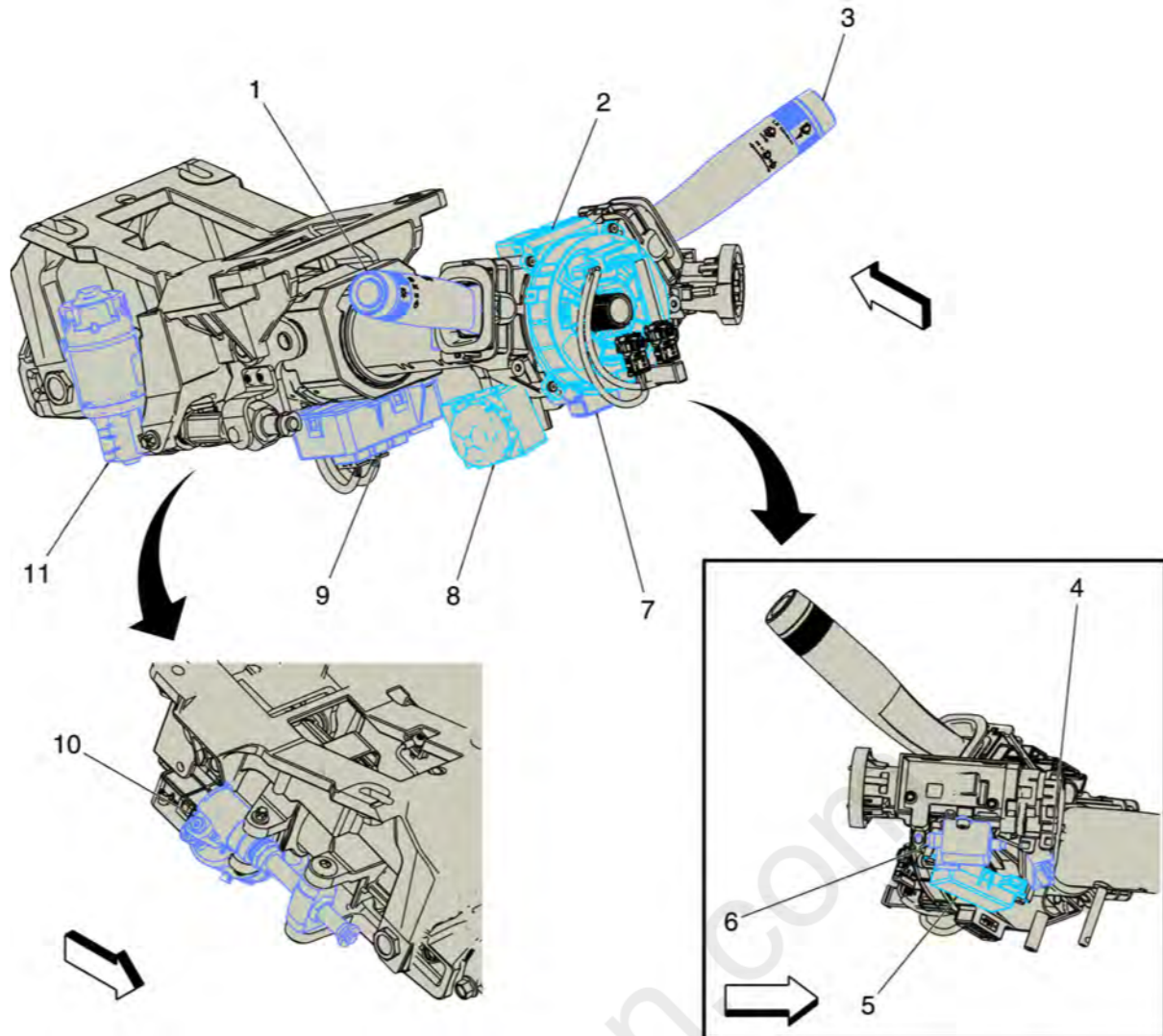


Fig. 5: Steering Column Components
Courtesy of GENERAL MOTORS COMPANY

Items

- 1: S78 Turn Signal/Multifunction Switch [S78 Turn Signal/Multifunction Switch](#)
- 2: X85 Steering Wheel Air Bag Coil [X85 Steering Wheel Air Bag Coil X1 X85 Steering Wheel Air Bag Coil X2 X85 Steering Wheel Air Bag Coil X3 X85 Steering Wheel Air Bag Coil X4 X85 Steering Wheel Air Bag Coil X5](#)
- 3: S82 Windshield Wiper/Washer Switch [S82 Windshield Wiper/Washer Switch](#)
- 4: S39 Ignition Switch (without BTM) [S39 Ignition Switch](#)
- 5: K89 Immobilizer Control Module [K89 Immobilizer Control Module \(-BTM\) K89 Immobilizer Control Module \(BTM\)](#)
- 6: M93 Key Capture Solenoid Actuator (without BTM) [M93 Key Capture Solenoid Actuator](#)
- 7: B99 Steering Wheel Angle Sensor [B99 Steering Wheel Angle Sensor](#)
- 8: S71 Steering Column Tilt and Telescope Switch (N38) [S71 Steering Column Tilt and Telescope Switch](#)
- 9: K99 Steering Column Position Control Module (N38) [K99 Steering Column Position Control Module X1 K99 Steering Column Position Control Module X2 K99 Steering Column Position Control Module X3 K99 Steering Column Position Control Module X4](#)
- 10: M65 Steering Column Telescope Motor (N38)
- 11: M68 Steering Column Tilt Motor (N38)

STEERING WHEEL COMPONENTS

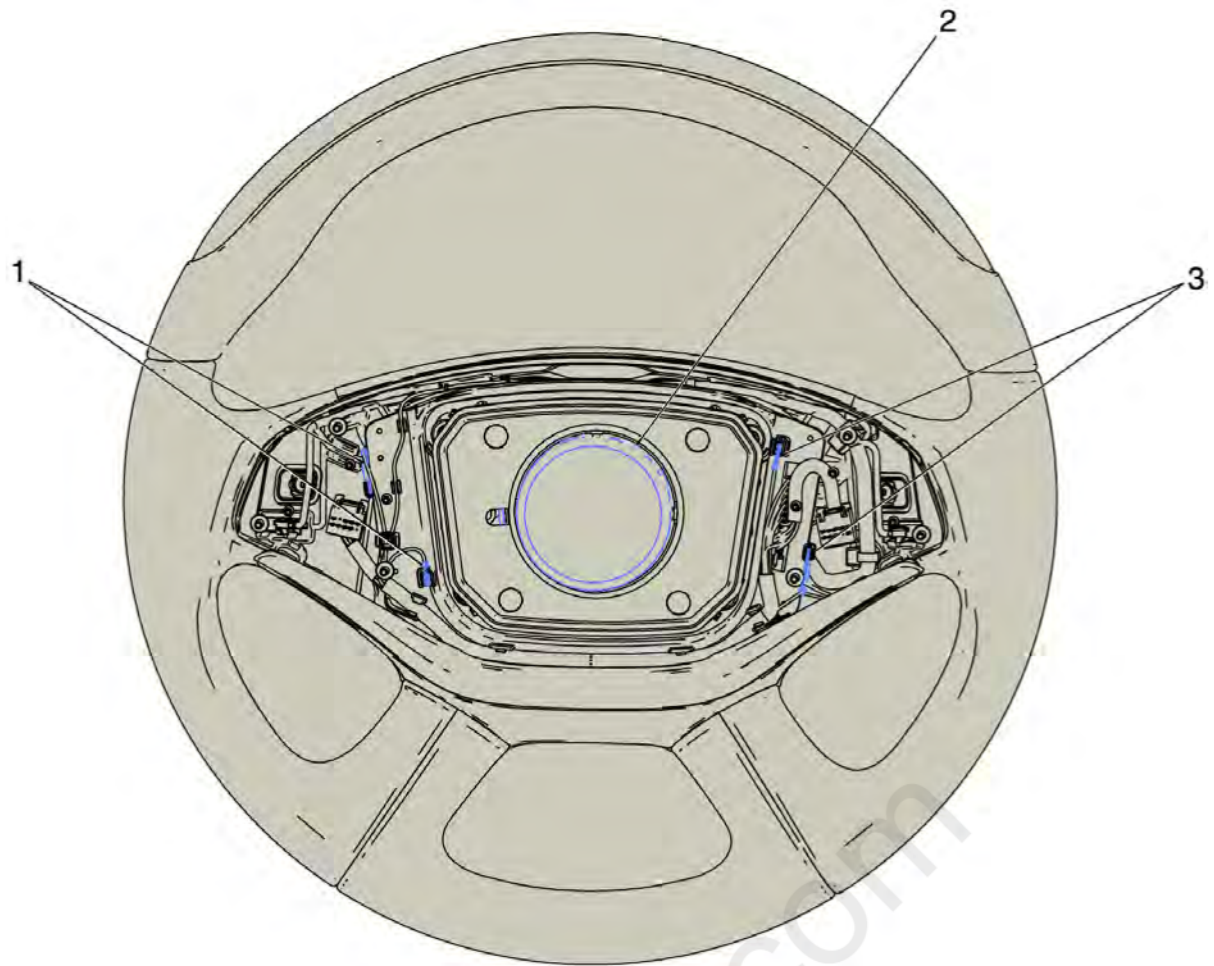


Fig. 6: Steering Wheel Components

Courtesy of GENERAL MOTORS COMPANY

Items

- 1: S33L Horn Switch - Left **S33L Horn Switch - Left X1 S33L Horn Switch - Left X2**
- 2: F107 Steering Wheel Air Bag **F107 Steering Wheel Air Bag X1 F107 Steering Wheel Air Bag X2 F107 Steering Wheel Air Bag X3**
- 3: S33R Horn Switch - Right **S33R Horn Switch - Right X1 S33R Horn Switch - Right X2**

FLOOR CONSOLE COMPONENTS

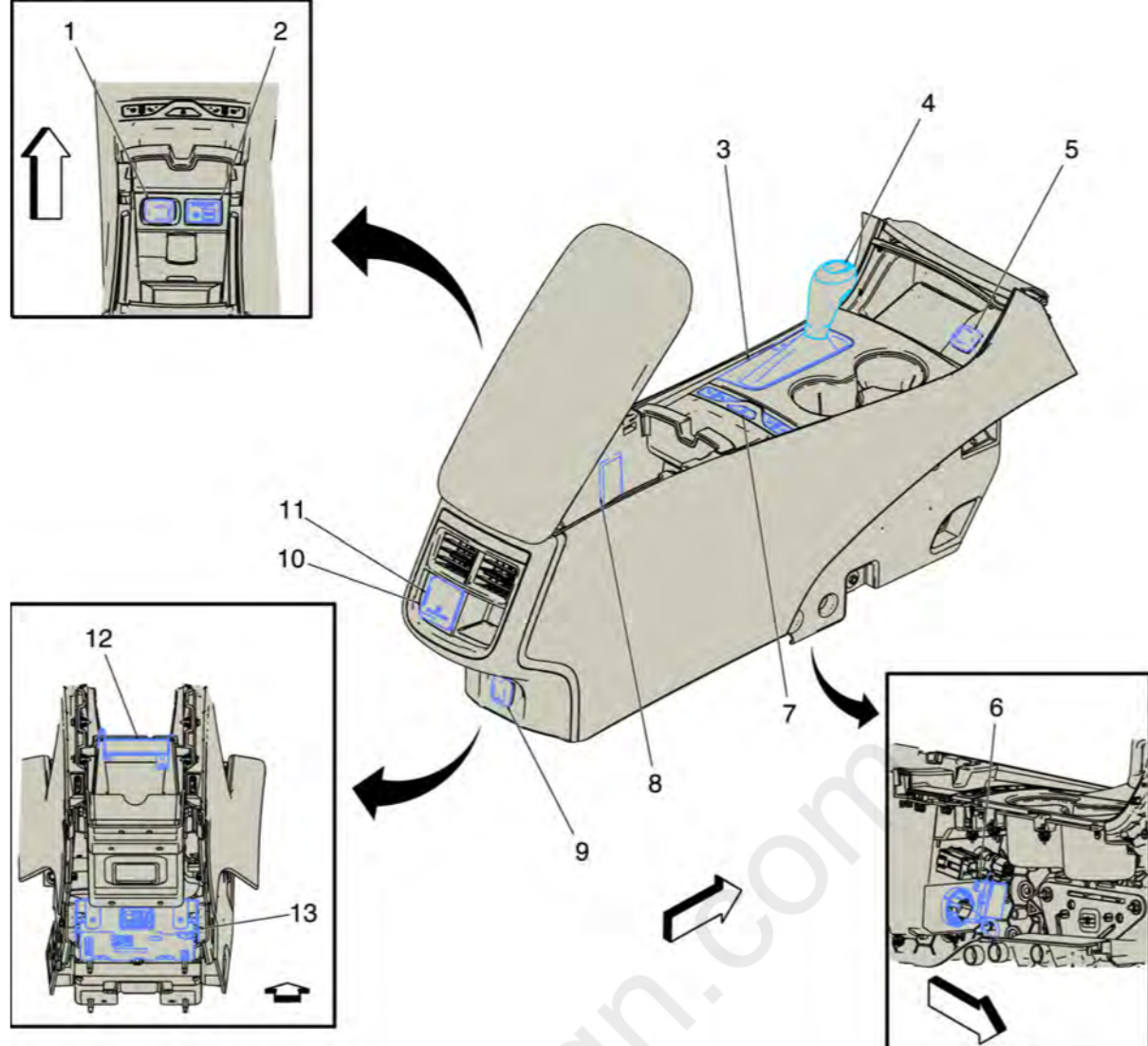


Fig. 7: Floor Console Components

Courtesy of GENERAL MOTORS COMPANY

Items

- 1: X80D Accessory Power Receptacle - Center Console Compartment **X80D Accessory Power Receptacle - Center Console Compartment**
- 2: X83 Auxiliary Audio Input **X83 Auxiliary Audio Input X1 X83 Auxiliary Audio Input X2**
- 3: P2 Transmission Shift Lever Position Indicator **P2 Transmission Shift Lever Position Indicator**
- 4: S2 Transmission Manual Shift Switch **S2 Transmission Manual Shift Switch**
- 5: X80G Accessory Power Receptacle - Instrument Panel **X80G Accessory Power Receptacle - Instrument Panel**
- 6: K89 Immobilizer Control Module **K89 Immobilizer Control Module (-BTM) K89 Immobilizer Control Module (BTM)**
- 7: S48E Multifunction Switch - Center Console **S48E Multifunction Switch - Center Console**
- 8: E28 Center Console Compartment Lamp **E28 Center Console Compartment Lamp**
- 9: X80H Accessory Power Receptacle - Center Console **X80H Accessory Power Receptacle - Center Console**
- 10: X81 Accessory Power Receptacle - 110V AC (KI6) **X81 Accessory Power Receptacle - 110V AC X1 X81 Accessory Power Receptacle - 110V AC X2**
- 11: X81B Accessory Power Receptacle - 220V AC (KI7) **X81B Accessory Power Receptacle - 220V AC X1 X81B Accessory Power Receptacle - 220V AC X2**
- 12: T10K Keyless Entry Antenna - Center Console Rear (BTM) **T10K Keyless Entry Antenna - Center Console Rear**
- 13: T1 Accessory DC/AC Power Inverter Module (KI6 or KI7) **T1 Accessory DC/AC Power Inverter Module**

BOTTOM OF FLOOR CONSOLE COMPONENTS

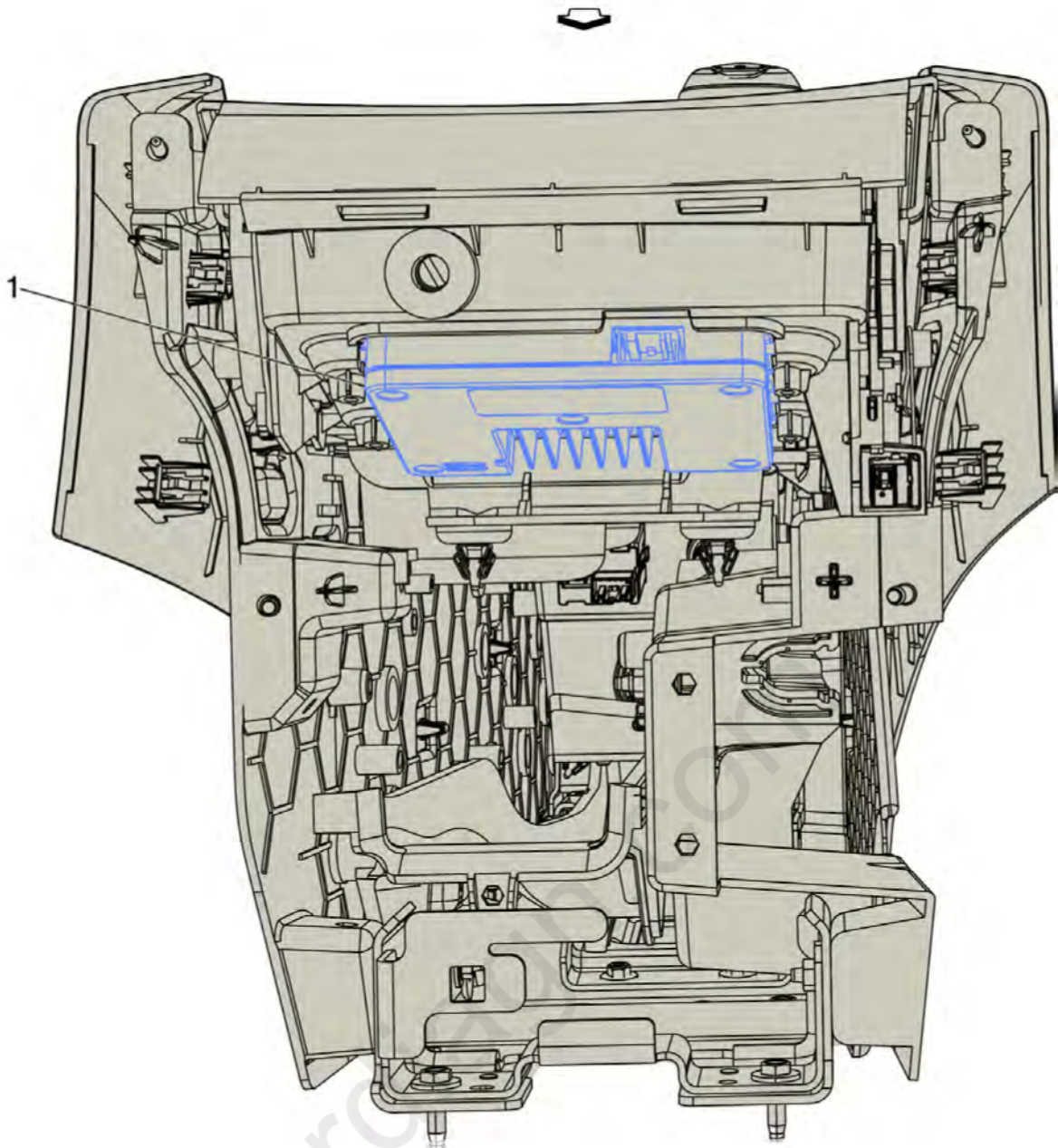


Fig. 8: Bottom of Floor Console Components
Courtesy of GENERAL MOTORS COMPANY

Items

1: T22 Mobile Device Wireless Charger Module (K4C) **T22 Mobile Device Wireless Charger Module**

HVAC ASSEMBLY COMPONENTS (C67)

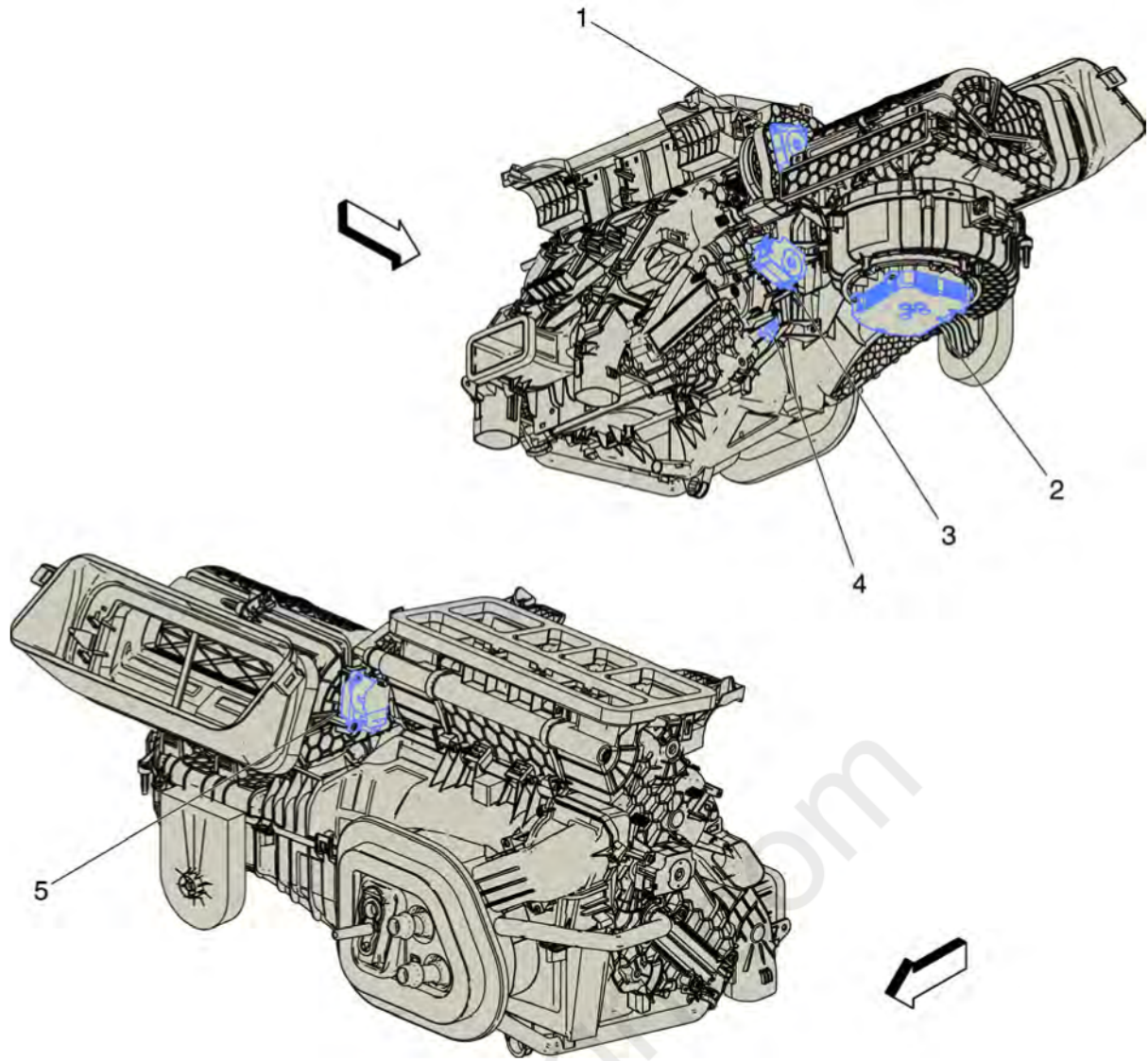


Fig. 9: HVAC Assembly Components (C67)

Courtesy of GENERAL MOTORS COMPANY

Items

- 1: M37 Mode Door Actuator **M37 Mode Door Actuator**
- 2: M8 Blower Motor **M8 Blower Motor**
- 3: M6 Air Temperature Door Actuator (C67) **M6 Air Temperature Door Actuator**
- 4: B39 A/C Evaporator Temperature Sensor **B39 A/C Evaporator Temperature Sensor**
- 5: M4 Air Inlet Door Actuator **M4 Air Inlet Door Actuator**

HVAC ASSEMBLY COMPONENTS (CJ2)

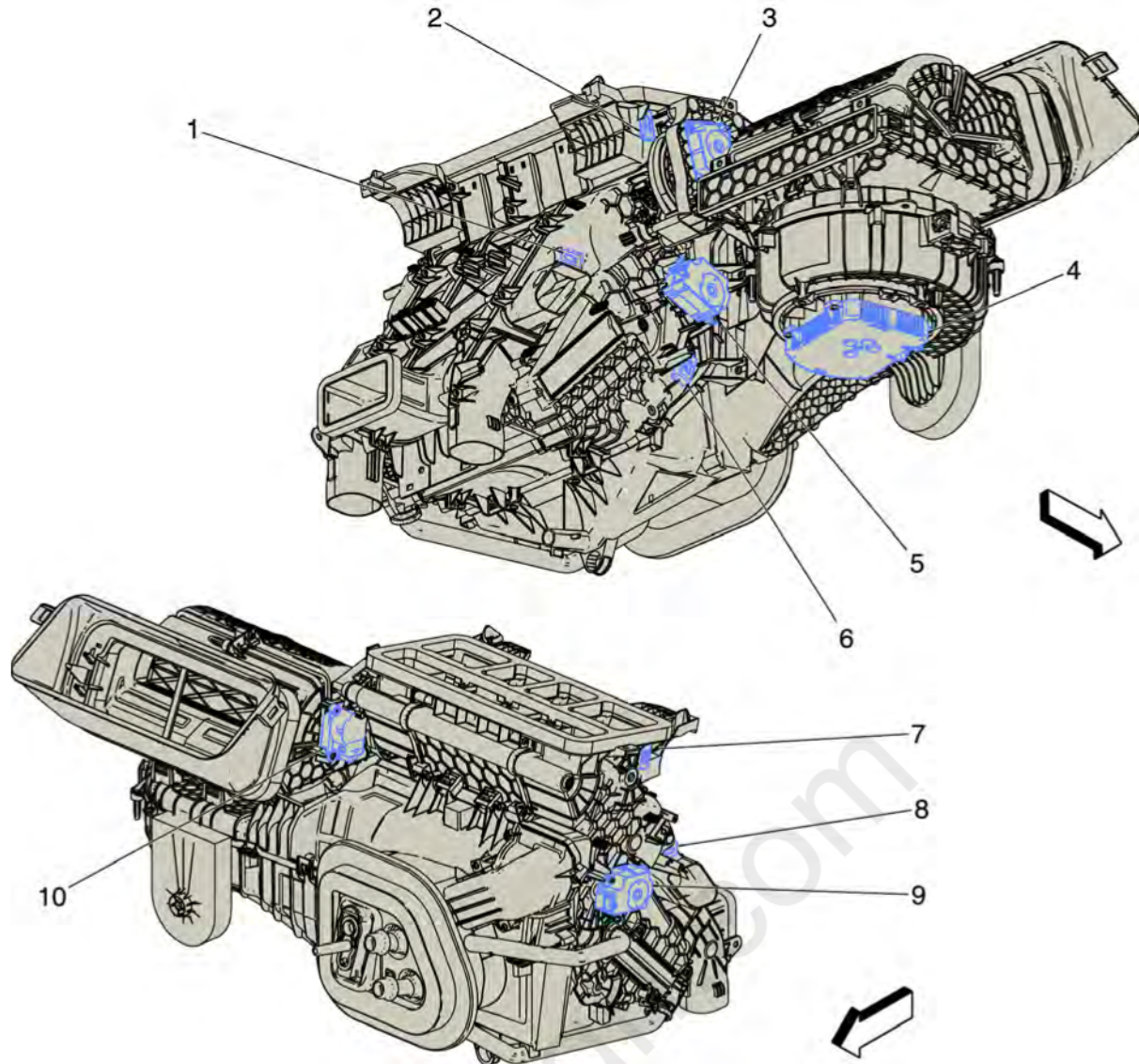


Fig. 10: HVAC Assembly Components (CJ2)
 Courtesy of GENERAL MOTORS COMPANY

Items
1: B7E Air Temperature Sensor - Duct Right Lower (CJ2) <u>B7E Air Temperature Sensor - Duct Right Lower</u>
2: B7J Air Temperature Sensor - Duct Right Upper (CJ2) <u>B7J Air Temperature Sensor - Duct Right Upper</u>
3: M37 Mode Door Actuator <u>M37 Mode Door Actuator</u>
4: M8 Blower Motor <u>M8 Blower Motor</u>
5: M6R Air Temperature Door Actuator - Right (CJ2) <u>M6R Air Temperature Door Actuator - Right</u>
6: B39 A/C Evaporator Temperature Sensor <u>B39 A/C Evaporator Temperature Sensor</u>
7: B7H Air Temperature Sensor - Duct Left Upper (CJ2) <u>B7H Air Temperature Sensor - Duct Left Upper</u>
8: B7D Air Temperature Sensor - Duct Left Lower (CJ2) <u>B7D Air Temperature Sensor - Duct Left Lower</u>
9: M6L Air Temperature Door Actuator - Left (CJ2) <u>M6L Air Temperature Door Actuator - Left</u>
10: M4 Air Inlet Door Actuator <u>M4 Air Inlet Door Actuator</u>