

2014 ELECTRICAL

Wiring Systems and Power Management - Component Locator - Powertrain Component Views - Acadia, Enclave And Traverse

POWERTRAIN COMPONENT VIEWS

ENGINE COMPONENTS - TOP

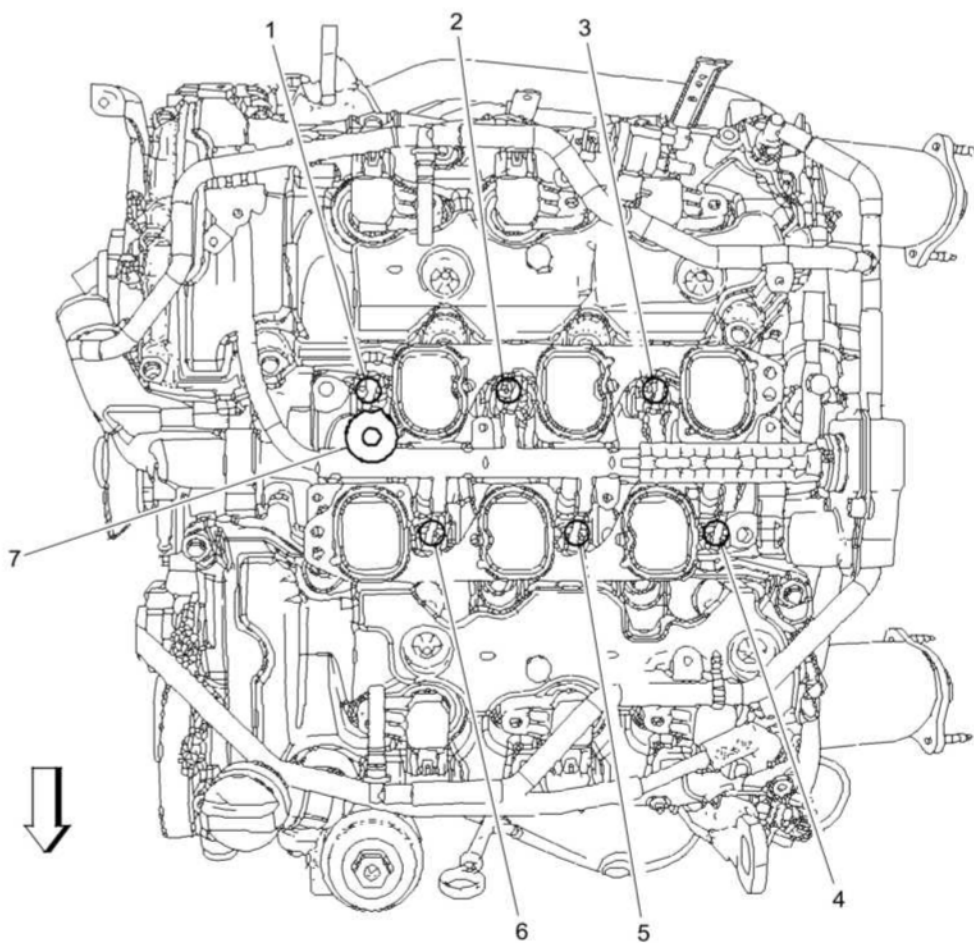


Fig. 1: Identifying Engine - Top Components (LLT)
Courtesy of GENERAL MOTORS COMPANY

Items

- 1: Q17A Fuel Injector 1 **Q17A Fuel Injector 1**
- 2: Q17C Fuel Injector 3 **Q17C Fuel Injector 3**
- 3: Q17E Fuel Injector 5 **Q17E Fuel Injector 5**
- 4: Q17F Fuel Injector 6 **Q17F Fuel Injector 6**

5: Q17D Fuel Injector 4 **Q17D Fuel Injector 4**

6: Q17B Fuel Injector 2 **Q17B Fuel Injector 2**

7: B47B Fuel Rail Pressure Sensor **B47B Fuel Rail Pressure Sensor**

ENGINE COMPONENTS - RIGHT REAR

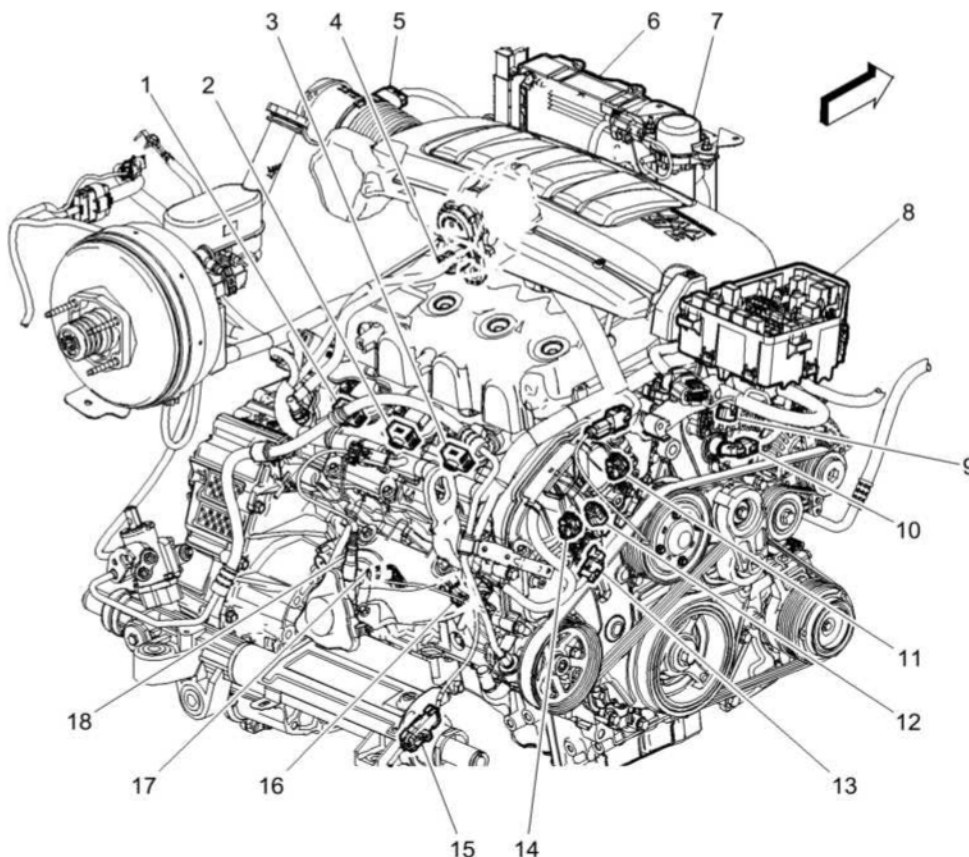


Fig. 2: Identifying Engine Components (LLT) - Right Rear
Courtesy of GENERAL MOTORS COMPANY

Items

1: T8E Ignition Coil 5 **T8E Ignition Coil 5**

2: T8C Ignition Coil 3 **T8C Ignition Coil 3**

3: T8A Ignition Coil 1 **T8A Ignition Coil 1**

4: Q38 Throttle Body **Q38 Throttle Body**

5: B75C Multifunction Intake Air Sensor **B75C Multifunction Intake Air Sensor**

6: K20 Engine Control Module **K20 Engine Control Module X1 K20 Engine Control Module X2 K20**

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Engine Control Module X3

7: G6 Brake Booster Pump - Auxiliary **G6 Brake Booster Pump - Auxiliary**

8: X50A Fuse Block - Underhood **X50A Fuse Block - Underhood X1 X50A Fuse Block - Underhood X2 X50A Fuse Block - Underhood X3 X50A Fuse Block - Underhood X4 (Battery Positive Cable) X50A Fuse Block - Underhood X4 (Battery Positive Junction Block)**

9: Q6D Camshaft Position Actuator Solenoid Valve - Bank 2 Intake ((CMP) Actuator Solen) **Q6D Camshaft Position Actuator Solenoid Valve - Bank 1 Intake**

10: Q6C Camshaft Position Actuator Solenoid Valve - Bank 2 Exhaust ((CMP) Actuator Solen) **Q6C Camshaft Position Actuator Solenoid Valve - Bank 2 Exhaust**

11: B23B Camshaft Position Sensor - Bank 1 Intake **B23B Camshaft Position Sensor - Bank 1 Intake**

12: Q6B Camshaft Position Actuator Solenoid Valve - Bank 1 Intake ((CMP) Actuator Solen) **Q6B Camshaft Position Actuator Solenoid Valve - Bank 1 Intake**

13: Q6A Camshaft Position Actuator Solenoid Valve - Bank 1 Exhaust ((CMP) Actuator Solen) **Q6A Camshaft Position Actuator Solenoid Valve - Bank 1 Exhaust**

14: B23A Camshaft Position Sensor - Bank 1 Exhaust **B23A Camshaft Position Sensor - Bank 1 Exhaust**

15: B52D Heated Oxygen Sensor - Bank 1 Sensor 2 **B52D Heated Oxygen Sensor - Bank 1 Sensor 2**

16: B68A Knock Sensor 1 **B68A Knock Sensor 1**

17: B26 Crankshaft Position Sensor **B26 Crankshaft Position Sensor**

18: B52C Heated Oxygen Sensor - Bank 1 Sensor 1 **B52C Heated Oxygen Sensor - Bank 1 Sensor 1**

AUTOMATIC TRANSMISSION ELECTRONIC COMPONENTS

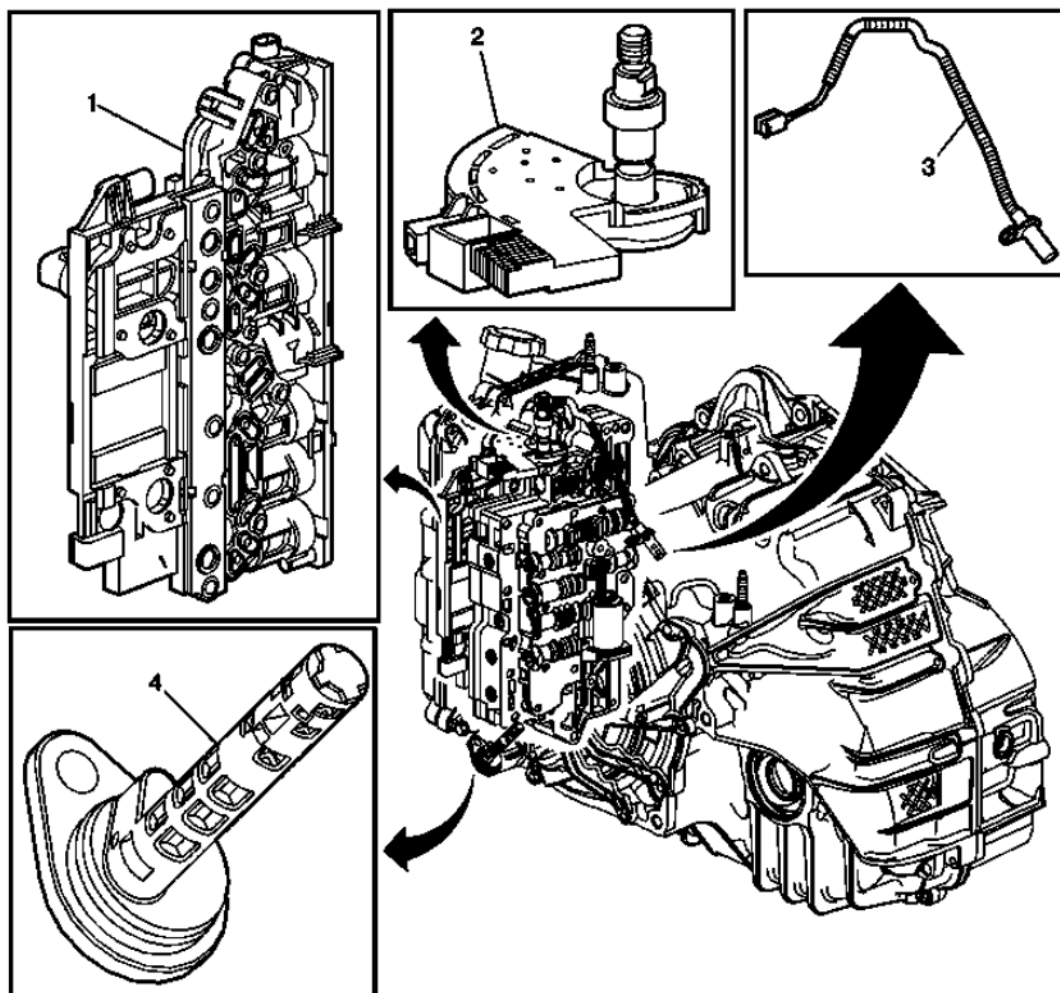


Fig. 3: Identifying Automatic Transmission Electronic Components
Courtesy of GENERAL MOTORS COMPANY

Items

- 1:** Q8 Control Solenoid Valve Assembly Q8 Control Solenoid Valve Assembly X1 Q8 Control Solenoid Valve Assembly X2 Q8 Control Solenoid Valve Assembly X3 Q8 Control Solenoid Valve Assembly X4
- 2:** B15 Transmission Internal Mode Switch
- 3:** B14A Transmission Output Shaft Speed Sensor
- 4:** B14C Transmission Input Shaft Speed Sensor

ENGINE COMPONENTS - FRONT

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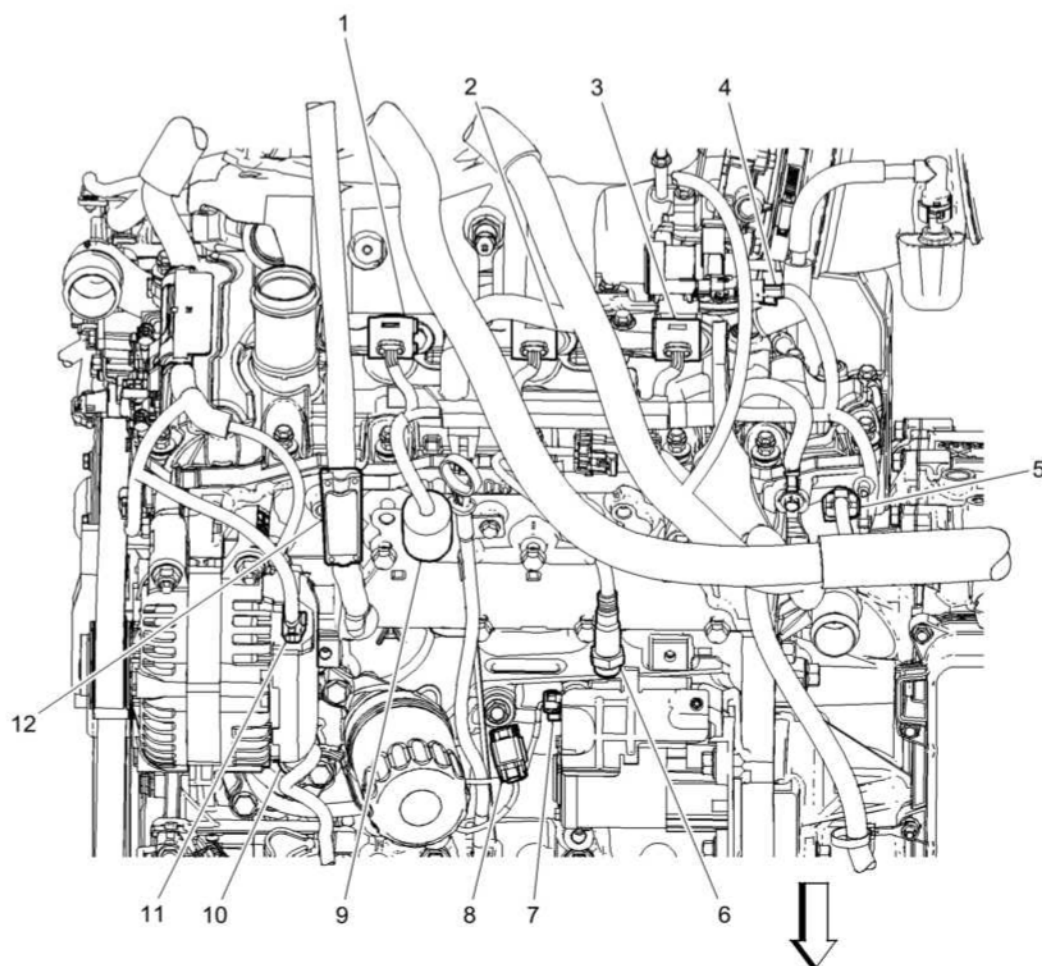


Fig. 4: Engine Components -- Front
Courtesy of GENERAL MOTORS COMPANY

Items

- 1: T8B Ignition Coil 2 **T8B Ignition Coil 2**
- 2: T8D Ignition Coil 4 **T8D Ignition Coil 4**
- 3: T8F Ignition Coil 6 **T8F Ignition Coil 6**
- 4: Q12 Evaporative Emission Purge Solenoid Valve **Q12 Evaporative Emission Purge Solenoid Valve**
- 5: G18 High Pressure Fuel Pump **G18 High Pressure Fuel Pump**
- 6: B52E Heated Oxygen Sensor - Bank 2 Sensor 1 **B52E Heated Oxygen Sensor - Bank 2 Sensor 1**
- 7: M64 Starter Motor **M64 Starter Motor X2**
- 8: B68B Knock Sensor 2 **B68B Knock Sensor 2**
- 9: B34 Engine Coolant Temperature Sensor **B34 Engine Coolant Temperature Sensor**
- 10: B37 Engine Oil Pressure Switch **B37 Engine Oil Pressure Switch**
- 11: G13 Generator **G13 Generator X1**
- 12: X55J Fuse Holder - Generator

ENGINE COMPONENTS - FRONT LEFT

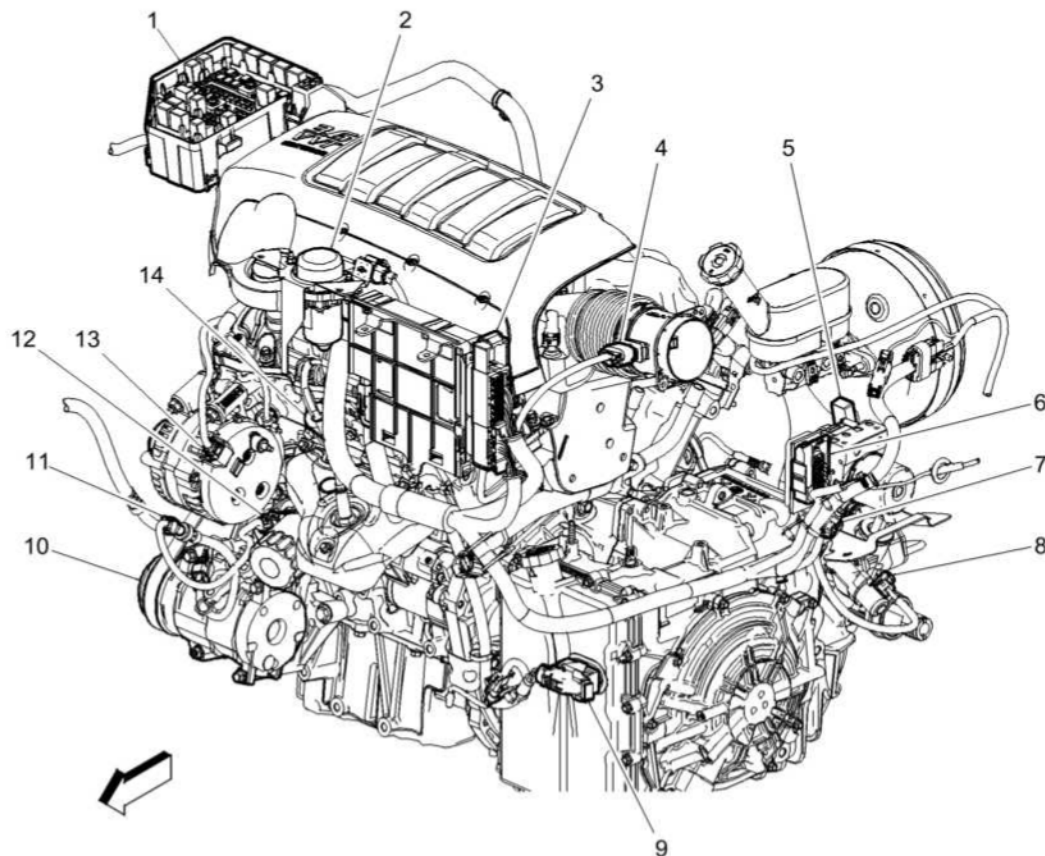


Fig. 5: Engine Components - Front Left
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1	Fuse Block - Underhood
2	Brake Booster Pump - Auxiliary
3	Engine Control Module (ECM)
4	Multifunction Intake Air Sensor
5	Brake Booster Vacuum Sensor
6	Electronic Brake Control Module (EBCM) Connector
7	Wheel Speed Sensor (WSS) - Left Front Connector
8	Variable Effort Steering Actuator (NV7) Connector
9	Control Solenoid Valve Assembly
10	A/C Compressor Clutch

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11	A/C Refrigerant Pressure Sensor
12	Engine Oil Pressure (EOP) Switch
13	Generator
14	Engine Coolant Temperature (ECT) Sensor