

2017 ELECTRICAL

Wiring Systems and Power Management - Component Locator - Front of Vehicle/Engine Compartment Component Views - CT6

FRONT OF VEHICLE/ENGINE COMPARTMENT COMPONENT VIEWS

FRONT OF VEHICLE COMPONENTS - FRONT

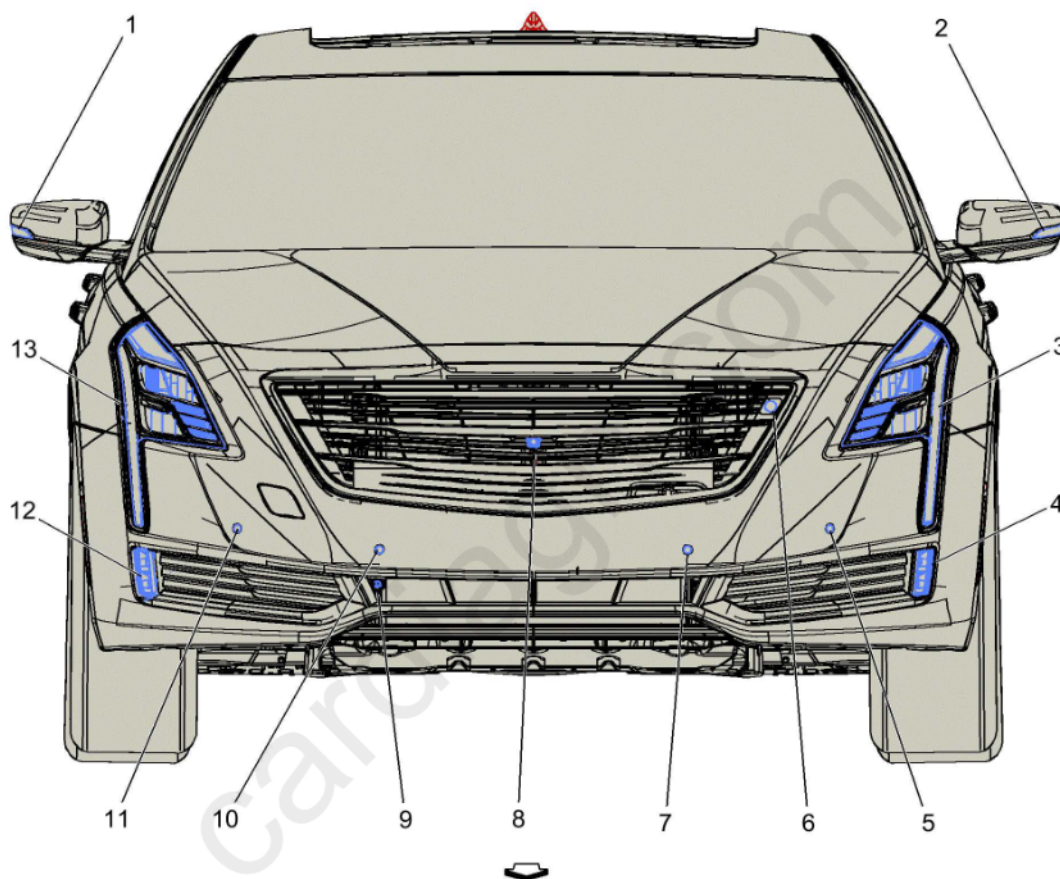


Fig. 1: Front of Vehicle Components - Front
Courtesy of GENERAL MOTORS COMPANY

Items

1. E4Z Turn Signal Repeater Lamp - Right
2. E4Y Turn Signal Repeater Lamp - Left
3. E13LA Headlamp Assembly - Left
4. E4A Cornering Lamp - Left (T87) **E4A Cornering Lamp - Left (T87)**
5. B306A Parking Assist Sensor - Front Left Outer **B78A Front Object Sensor - Left Outer**
6. B276 Night Vision Camera (UV3) **B276 Night Vision Camera (UV3)**
7. B306B Parking Assist Sensor - Front Left Middle **B78C Front Object Sensor - Left Middle**
8. B174G Frontview Camera - Grille (UVH) **B174G Frontview Camera - Grille (UVH)**
9. B9 Ambient Air Temperature Sensor **B9 Ambient Air Temperature Sensor**
10. B306C Parking Assist Sensor - Front Right Middle **B78D Front Object Sensor - Right Middle**
11. B306D Parking Assist Sensor - Front Right Outer **B78B Front Object Sensor - Right Outer**

Items

12. E4B Cornering Lamp - Right (T87) [E4B Cornering Lamp - Right \(T87\)](#)
13. E13RA Headlamp Assembly - Right

FRONT OF VEHICLE COMPONENTS - BEHIND FRONT FASCIA

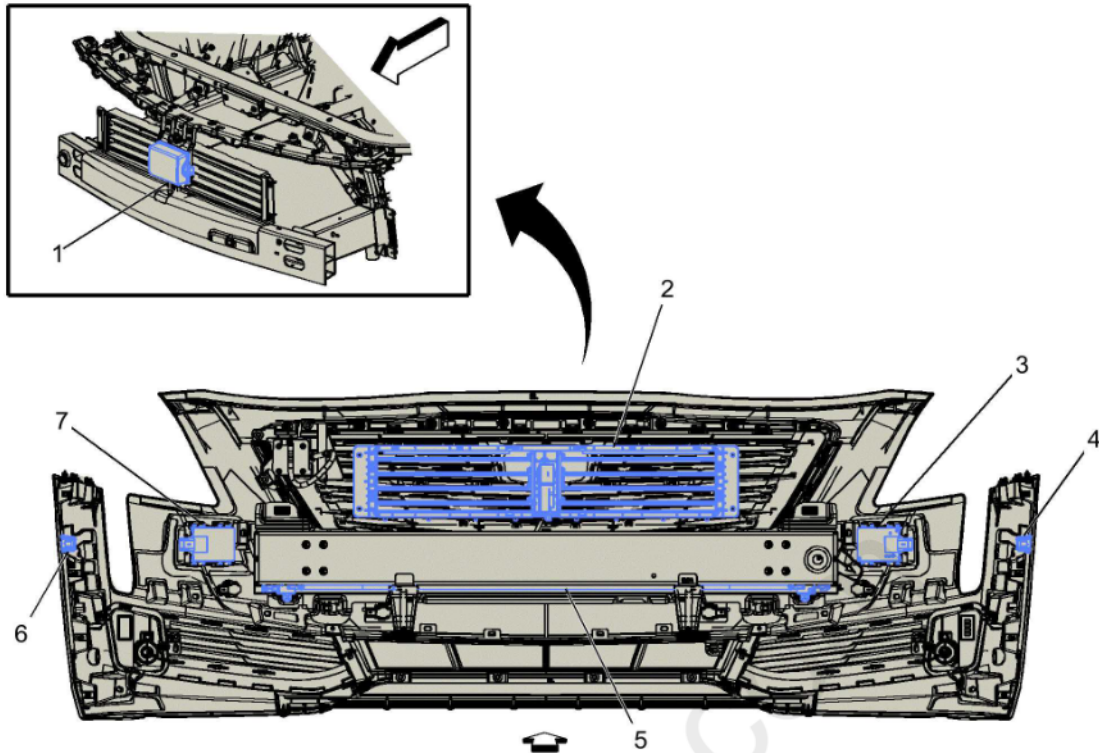


Fig. 2: Front of Vehicle Components - Behind Front Fascia
 Courtesy of GENERAL MOTORS COMPANY

Items

1. B233B Radar Sensor Module - Long Range (UGN/UVZ) [B233B Radar Sensor Module - Long Range \(UGN+HP9\)](#) [B233B Radar Sensor Module - Long Range \(UGN+KL9\)](#)
2. M96 Active Grille Air Shutter Actuator [M96 Active Grille Air Shutter Actuator](#)
3. B233RF Radar Sensor Module - Short Range Right Front (UGN/UVZ) [B233RF Radar Sensor Module - Short Range Right Front \(UGN\)](#)
4. B166RF Advanced Parking Assist Side Object Sensor - Right Front (UFQ) [B166RF Advanced Parking Assist Side Object Sensor - Right Front \(UKG\)](#)
5. B82F Pedestrian Impact Detection Sensor - Upper Beam Front (B3T) [B82F Pedestrian Impact Detection Sensor - Upper Beam Front X1 \(B3T\)](#) [B82F Pedestrian Impact Detection Sensor - Upper Beam Front X2 \(B3T\)](#)
6. B166LF Advanced Parking Assist Side Object Sensor - Left Front (UFQ) [B166LF Advanced Parking Assist Side Object Sensor - Left Front \(UKG\)](#)
7. B233LF Radar Sensor Module - Short Range Left Front (UGN/UVZ) [B233LF Radar Sensor Module - Short Range Left Front \(UGN\)](#)

HEADLAMP COMPONENTS

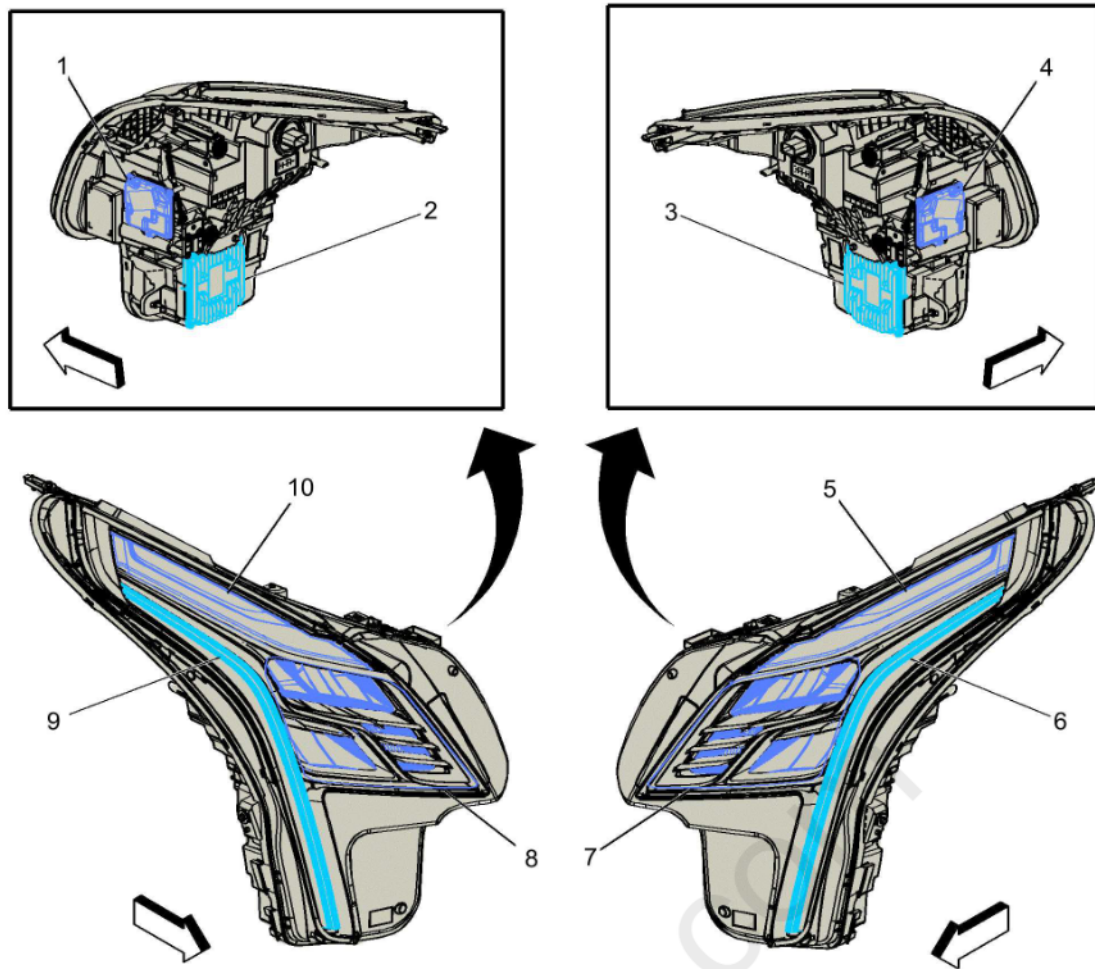


Fig. 3: Headlamp Components

Courtesy of GENERAL MOTORS COMPANY

Items
1. K166R Multifunction LED Control Module - Right Headlamp
2. K26R Headlamp Control Module - Right
3. K26L Headlamp Control Module - Left
4. K166L Multifunction LED Control Module - Left Headlamp
5. E4J Park Lamp - Left Front
6. E67L Multifunction LED - Left Headlamp
7. E13L Headlamp - Left
8. E13R Headlamp - Right
9. E67R Multifunction LED - Right Headlamp
10. E4K Park Lamp - Right Front

ENGINE COMPARTMENT COMPONENTS - CENTER (KL9)

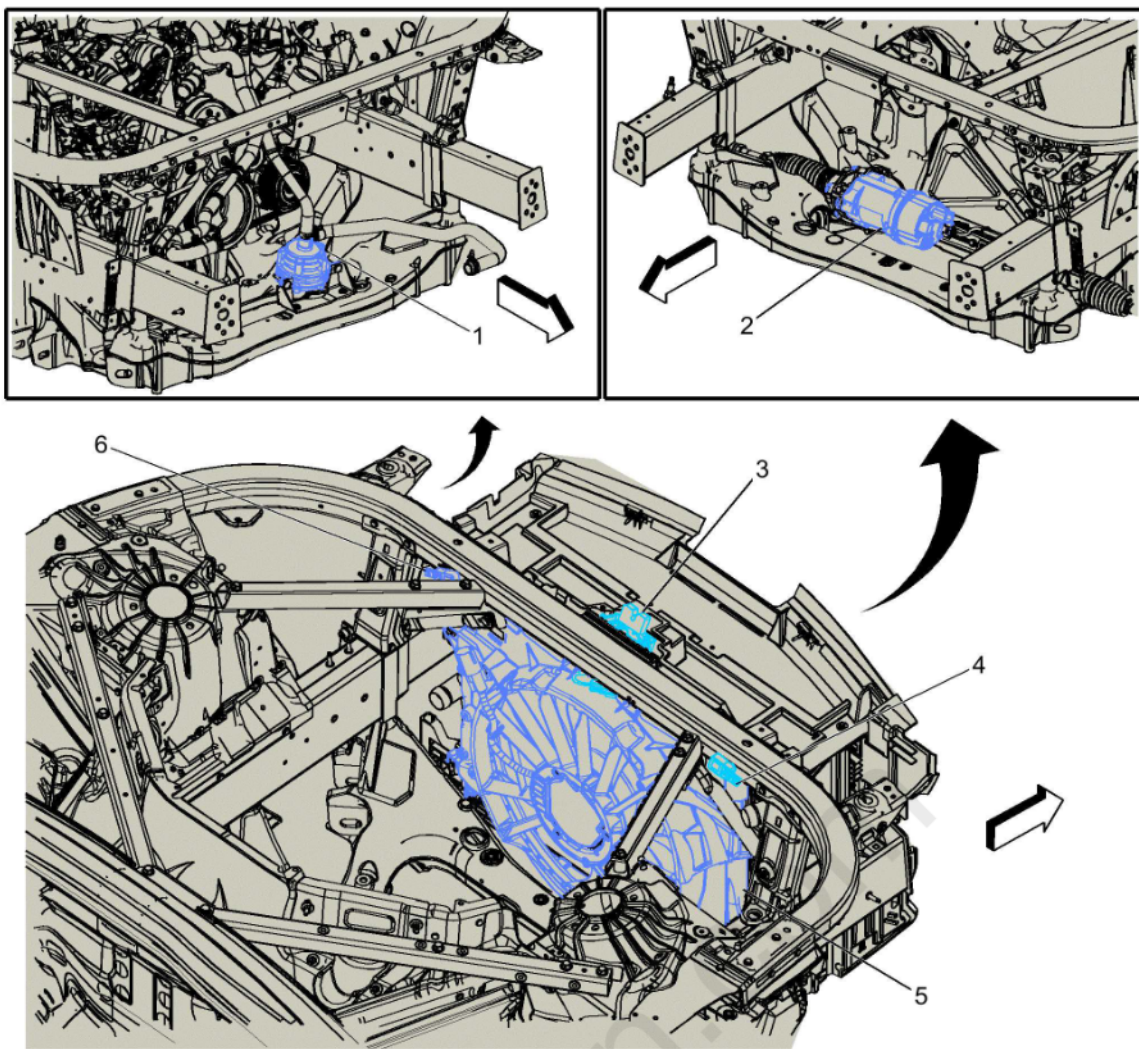


Fig. 4: Engine Compartment Components - Center (KL9)

Courtesy of GENERAL MOTORS COMPANY

Items

1. M10 Charge Air Cooler Coolant Pump (LGW) **M10 Charge Air Cooler Coolant Pump (LGW)**
2. K43 Power Steering Control Module **K43 Power Steering Control Module X1 K43 Power Steering Control Module X2 K43 Power Steering Control Module X2 (LGW) K43 Power Steering Control Module X2 (LGX) K43 Power Steering Control Module X2 (LTG)**
3. B55 Hood Ajar Switch **B55 Engine Hood Switch**
4. B59R Front Impact Sensor - Right **B59R Front Impact Sensor - Right**
5. G10 Cooling Fan Motor **G10 Cooling Fan Motor (HP9)**
6. B59L Front Impact Sensor - Left **B59L Front Impact Sensor - Left**

ENGINE COMPARTMENT COMPONENTS - CENTER (HP9)

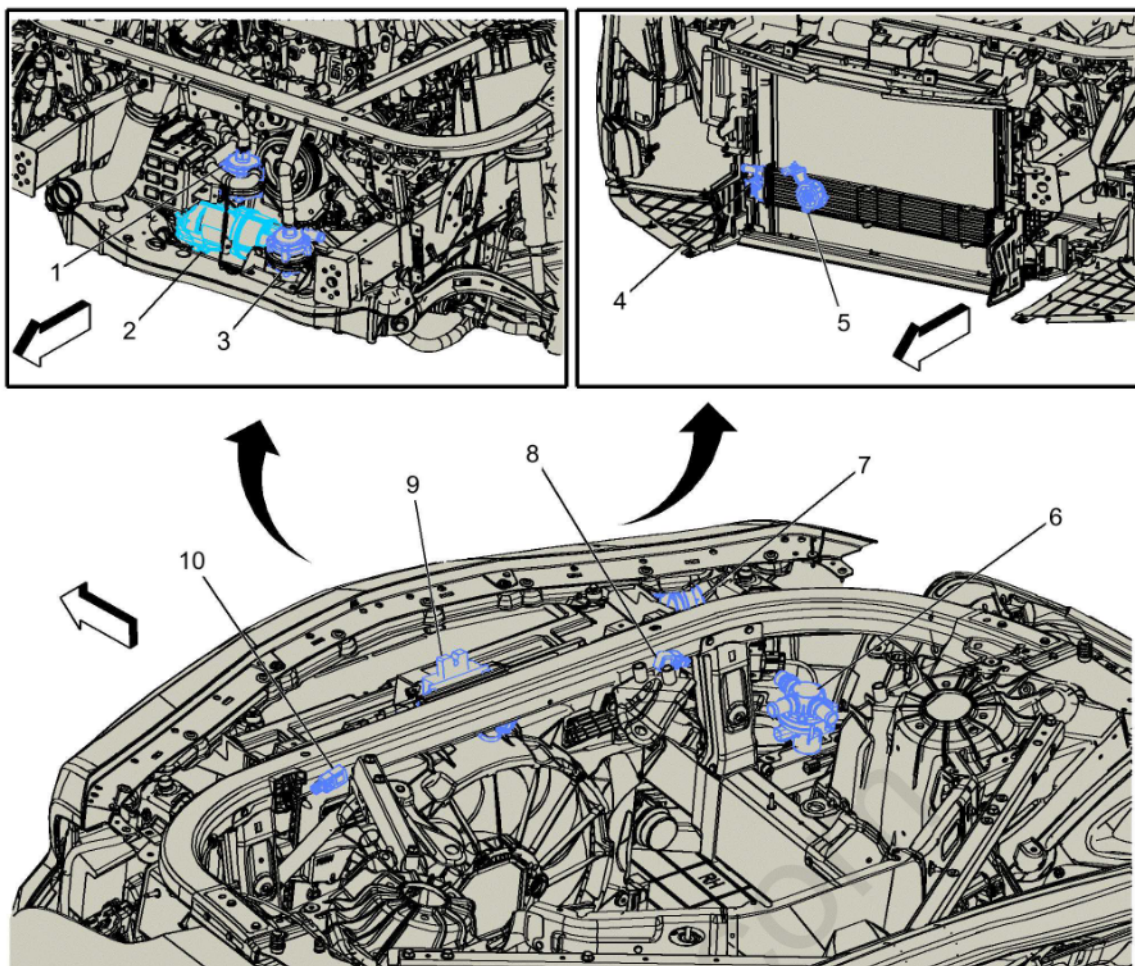


Fig. 5: Engine Compartment Components - Center (HP9)

Courtesy of GENERAL MOTORS COMPANY

Items

1. G36 Auxiliary Heater Coolant Pump (HP9) **G36 Auxiliary Heater Coolant Pump (HP9)**
2. K43 Power Steering Control Module **K43 Power Steering Control Module X1 K43 Power Steering Control Module X2 K43 Power Steering Control Module X2 (LGW) K43 Power Steering Control Module X2 (LGX) K43 Power Steering Control Module X2 (LTG)**
3. G35 Hybrid/EV Electronics Coolant Pump (HP9) **G35 Hybrid/EV Electronics Coolant Pump (HP9)**
4. B202 Hybrid/EV Electronics Coolant Temperature Sensor (HP9) **B202 Hybrid/EV Electronics Coolant Temperature Sensor (HP9)**
5. P48 Pedestrian Alert Sound Speaker (HP9) **P48 Pedestrian Alert Sound Speaker (HP9)**
6. Q66 Passenger Compartment Heater Coolant Control Valve (HP9) **Q66 Passenger Compartment Heater Coolant Control Valve (HP9)**
7. P13 Horn Assembly **P13 Horn Assembly**
8. B59R Front Impact Sensor - Right **B59R Front Impact Sensor - Right**
9. B55 Hood Ajar Switch **B55 Engine Hood Switch**
10. B59L Front Impact Sensor - Left **B59L Front Impact Sensor - Left**

ENGINE COMPARTMENT BRAKE COMPONENTS (HP9)

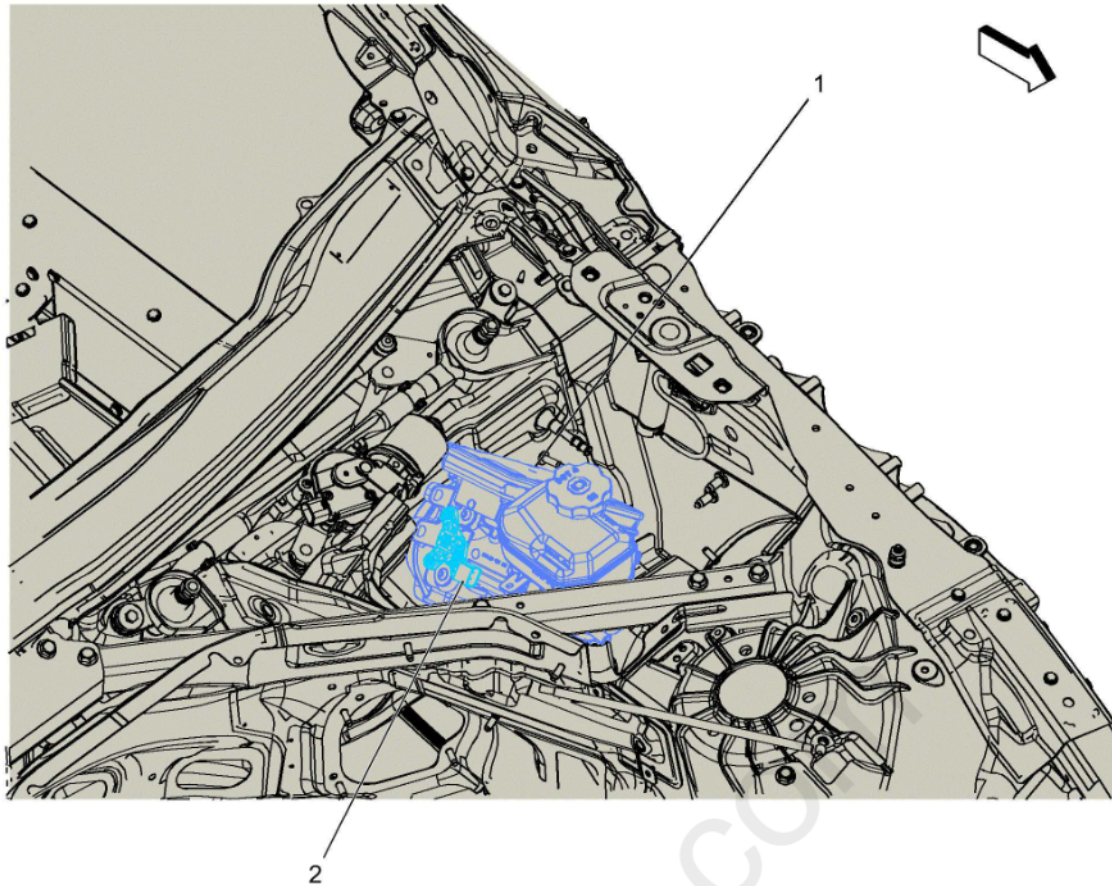


Fig. 6: Engine Compartment Brake Components (HP9)

Courtesy of GENERAL MOTORS COMPANY

Items

1. K177 Brake Booster Control Module (HP9) **K177 Brake Booster Control Module (HP9)**
2. B201 Brake Control Brake Pedal Position Sensor (HP9) **B201 Brake Control Brake Pedal Position Sensor (HP9)**

ENGINE COMPARTMENT POWER INVERTER COMPONENT (HP9)

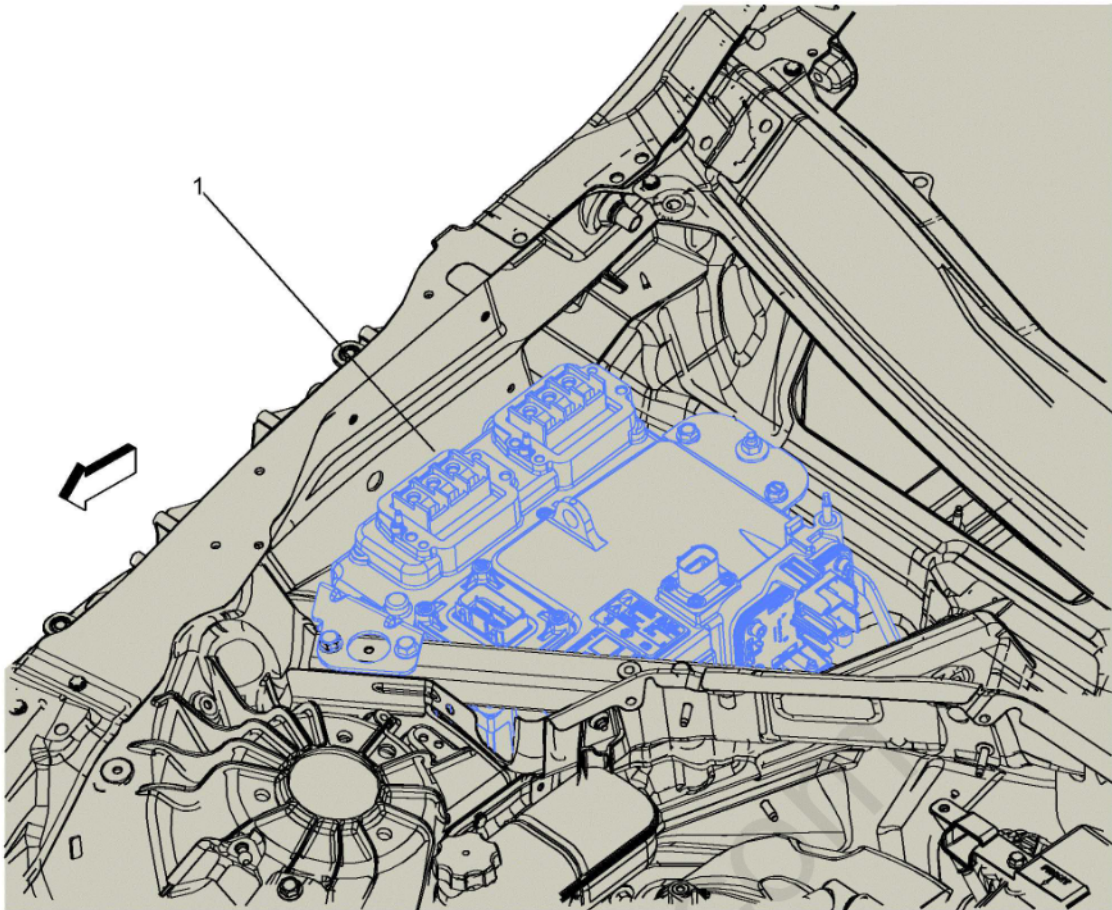


Fig. 7: Engine Compartment Power Inverter Component (HP9)

Courtesy of GENERAL MOTORS COMPANY

Items

1. T6 Power Inverter Module (HP9) **T6 Power Inverter Module X1 (LTG+HP9)** **T6 Power Inverter Module X2 (HP9)**

ENGINE COMPARTMENT COMPONENTS - BOTTOM (HP9)

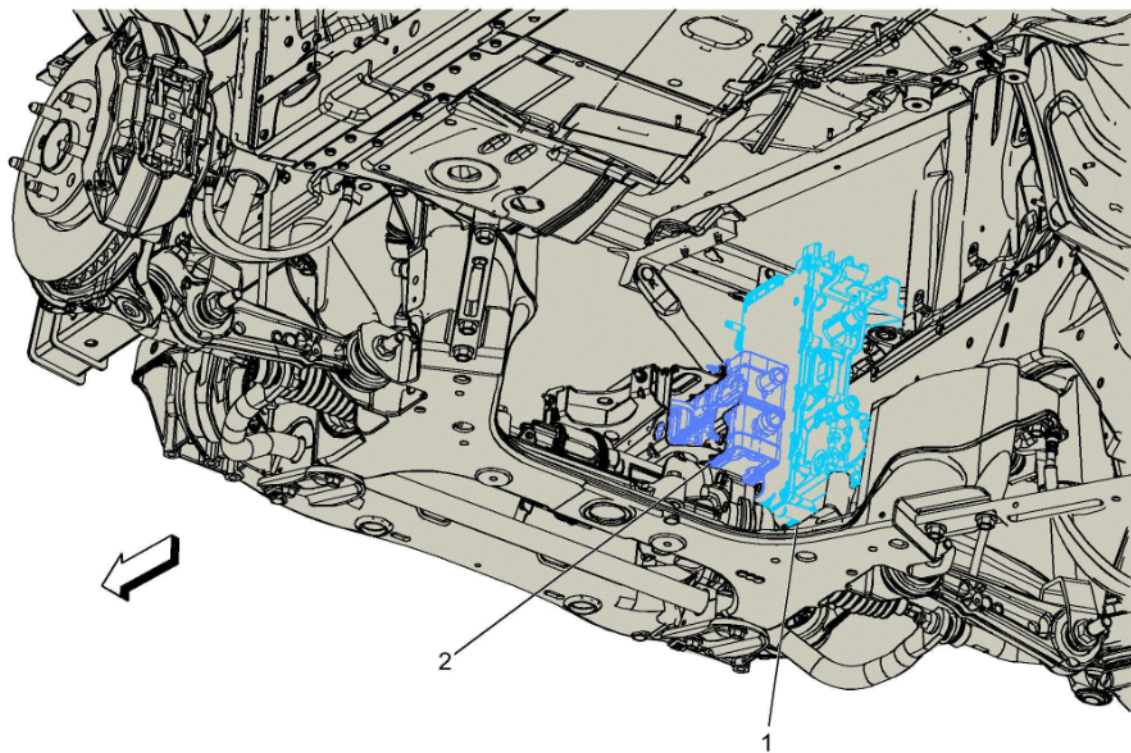


Fig. 8: Engine Compartment Components - Bottom (HP9)
 Courtesy of GENERAL MOTORS COMPANY

Items

1. K1 14V Power Module (HP9) **K1 14V Power Module X1 (HP9)** **K1 14V Power Module X2 (HP9)** **K1 14V Power Module X3 (HP9)** **K1 14V Power Module X4 (HP9)**
2. K10 Coolant Heater Control Module (HP9) **K10 Coolant Heater Control Module X2 (HP9)**

ENGINE COMPARTMENT COMPONENTS - LEFT

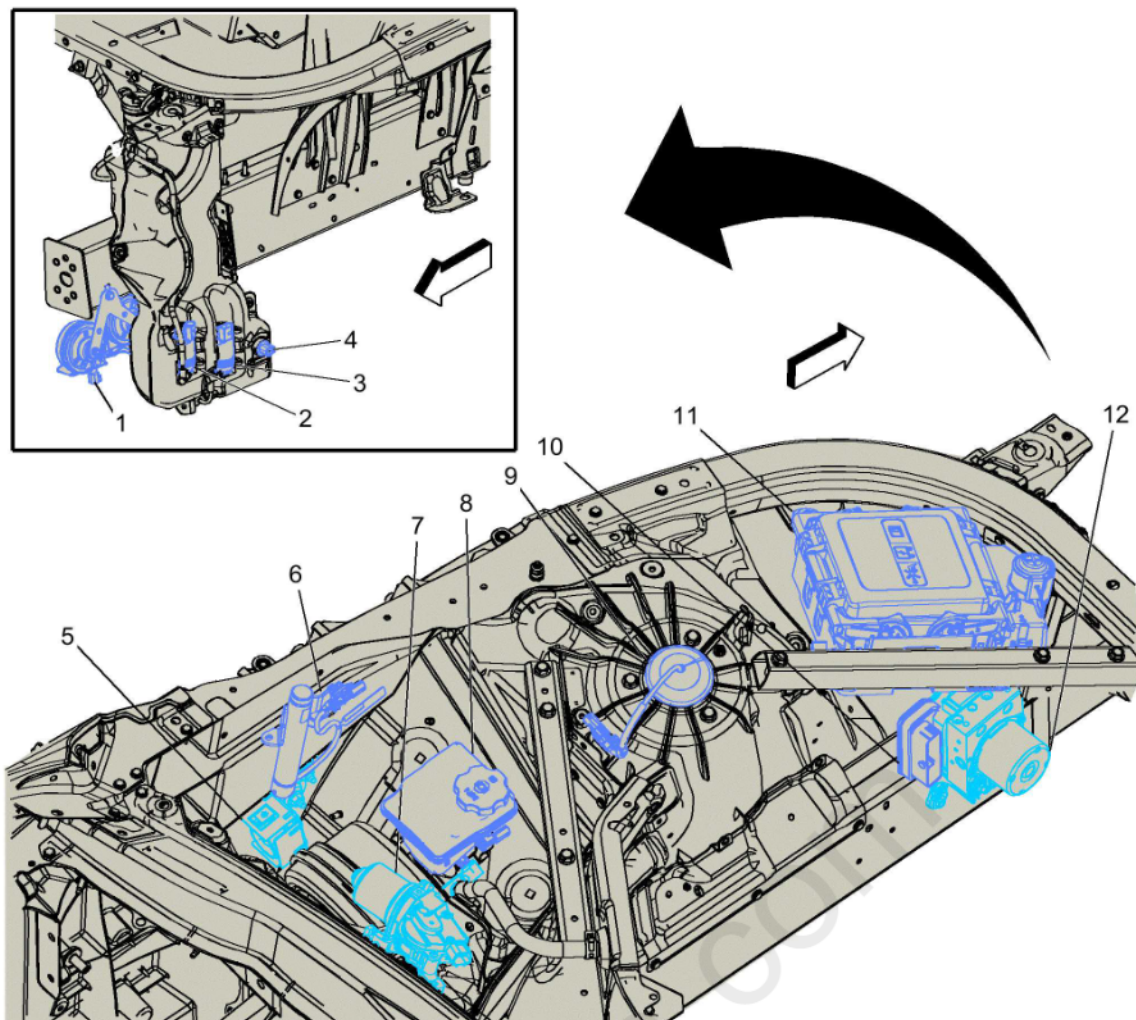


Fig. 9: Engine Compartment Components - Left
 Courtesy of GENERAL MOTORS COMPANY

Items
1. P13 Horn Assembly <u>P13 Horn Assembly</u>
2. G24 Windshield Washer Pump <u>G24 Windshield Washer Pump</u>
3. G52 Night Vision Camera Washer Pump (UV3) <u>G52 Night Vision Camera Washer Pump (UV3)</u>
4. B118B Windshield Washer Fluid Level Switch <u>B118B Windshield Washer Fluid Level Switch</u>
5. P25 Power Sounder Content Theft Deterrent Alarm Module (UTR) <u>P25 Power Sounder Content Theft Deterrent Alarm Module (UTR+HP9)</u>
6. F100L Hood Hinge Actuator - Left (B3T) <u>F100L Hood Hinge Actuator - Left (B3T)</u>
7. M75 Windshield Wiper Motor <u>M75 Windshield Wiper Motor</u>
8. B20 Brake Fluid Level Switch <u>B20 Brake Fluid Level Switch</u>
9. Q37LF Shock Absorber Actuator - Left Front (F55) <u>Q37LF Shock Absorber Actuator - Left Front (F55)</u>
10. K17 Electronic Brake Control Module <u>K17 Electronic Brake Control Module (HP9)</u>
11. X50A Fuse Block - Underhood <u>X50A Fuse Block - Underhood X1 X50A Fuse Block - Underhood X2 X50A Fuse Block - Underhood X4 (LGW) X50A Fuse Block - Underhood X4 (LGX) X50A Fuse Block - Underhood X4 (LTG+HP9) X50A Fuse Block - Underhood X4 (LTG+KL9) X50A Fuse Block - Underhood X5</u>
12. Q5 Brake Pressure Modulator

ENGINE COMPARTMENT COMPONENTS - RIGHT

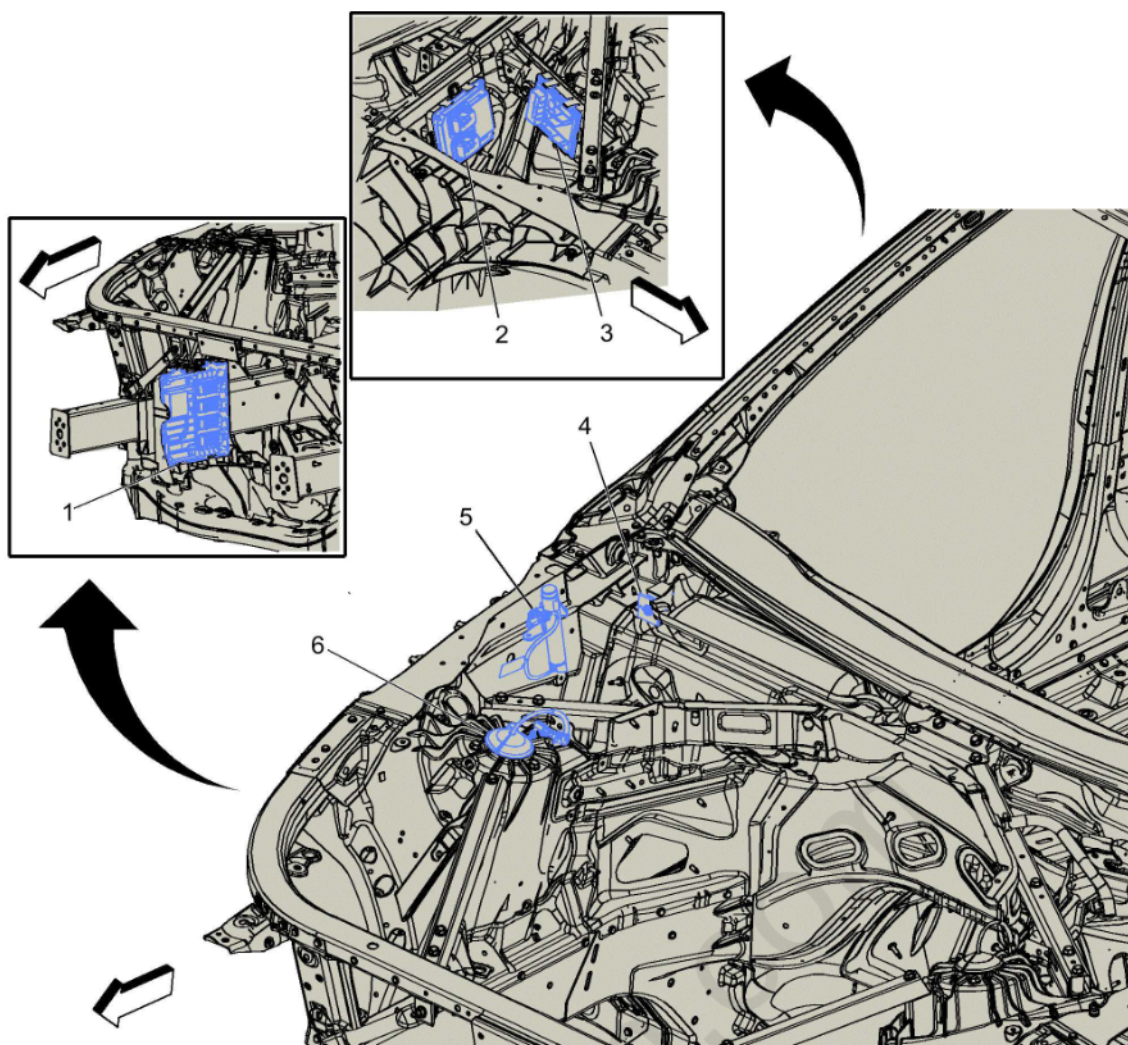


Fig. 10: Engine Compartment Components - Right
 Courtesy of GENERAL MOTORS COMPANY

Items

1. K20 Engine Control Module **K20 Engine Control Module X1 (LGW) K20 Engine Control Module X1 (LGX) K20 Engine Control Module X1 (LTG+HP9) K20 Engine Control Module X1 (LTG+KL9) K20 Engine Control Module X2 (LGW) K20 Engine Control Module X2 (LGX) K20 Engine Control Module X2 (LTG+HP9) K20 Engine Control Module X2 (LTG+KL9) K20 Engine Control Module X3 (LGW) K20 Engine Control Module X3 (LGX) K20 Engine Control Module X3 (LTG+HP9) K20 Engine Control Module X3 (LTG+KL9) K20 Engine Control Module X4 (LGW)**
2. K69 Transfer Case Control Module (F46) **K69 Transfer Case Control Module X1 (F46)**
3. K71 Transmission Control Module **K71 Transmission Control Module (HP9) K71 Transmission Control Module (KL9)**
4. B108 Air Quality Sensor **B108 Air Quality Sensor (HP9)**
5. F100R Hood Hinge Actuator - Right (B3T) **F100R Hood Hinge Actuator - Right (B3T)**
6. Q37RF Shock Absorber Actuator - Right Front (F55) **Q37RF Shock Absorber Actuator - Right Front (F55)**