

SCHEMATIC WIRING DIAGRAMS

ENGINE CONTROLS WIRING SCHEMATICS (LUW OR LWE)

Module Power, Ground, Serial Data and MIL

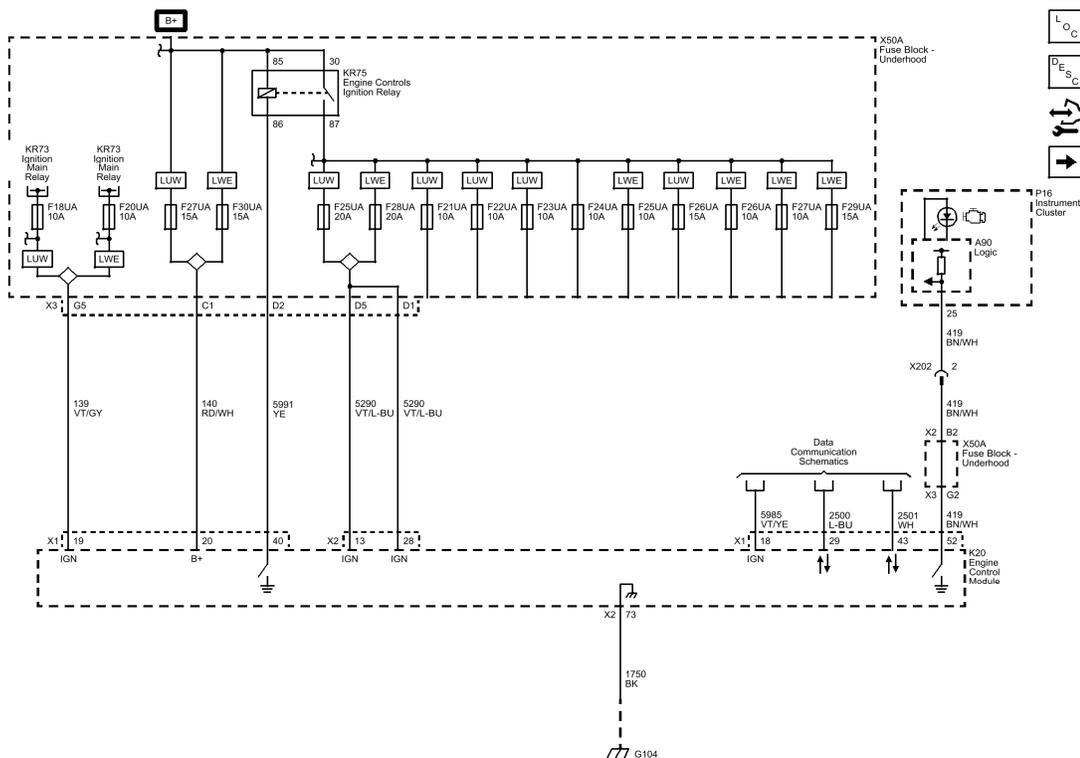


Fig. 1: Module Power, Ground, Serial Data And MIL Wiring Schematic
 Courtesy of GENERAL MOTORS COMPANY

5V and Low Reference Bus (1 of 2)

2014 Chevrolet Sonic LT

2014 ENGINE Engine Controls/Fuel - 1.8L (LUW, LWE) - Schematic and Routing Diagrams - Engine Controls Schematics - Sonic

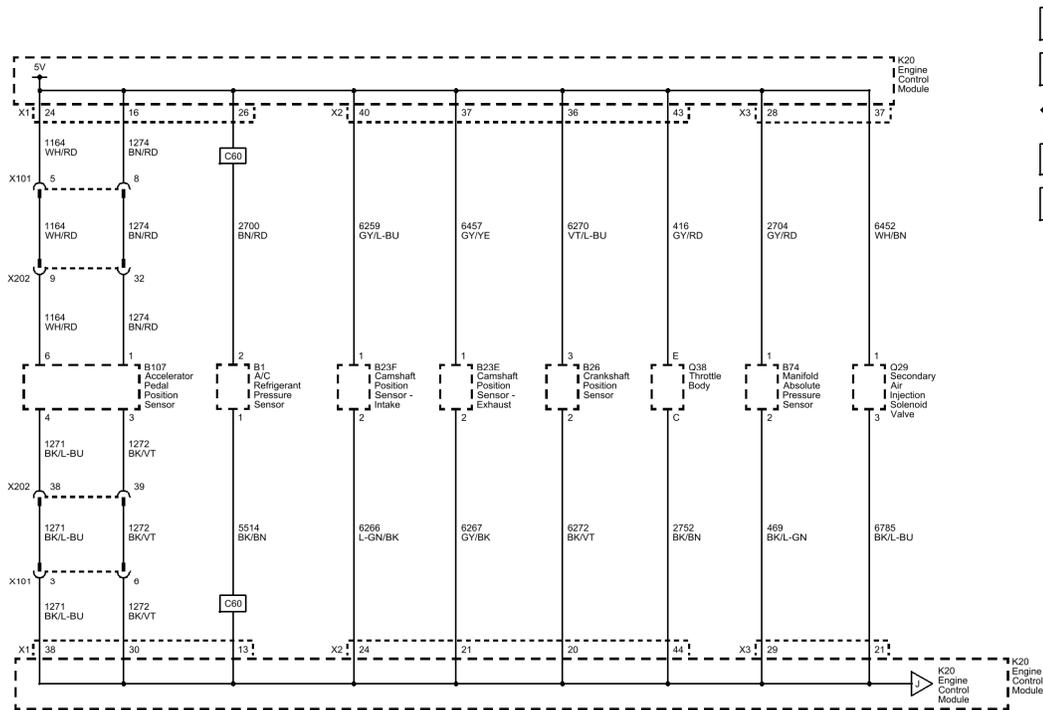


Fig. 2: 5V And Low Reference Bus (1 Of 2) Wiring Schematic
 Courtesy of GENERAL MOTORS COMPANY

Low Reference Bus (2 of 2)

2014 Chevrolet Sonic LT

2014 ENGINE Engine Controls/Fuel - 1.8L (LUW, LWE) - Schematic and Routing Diagrams - Engine Controls Schematics - Sonic

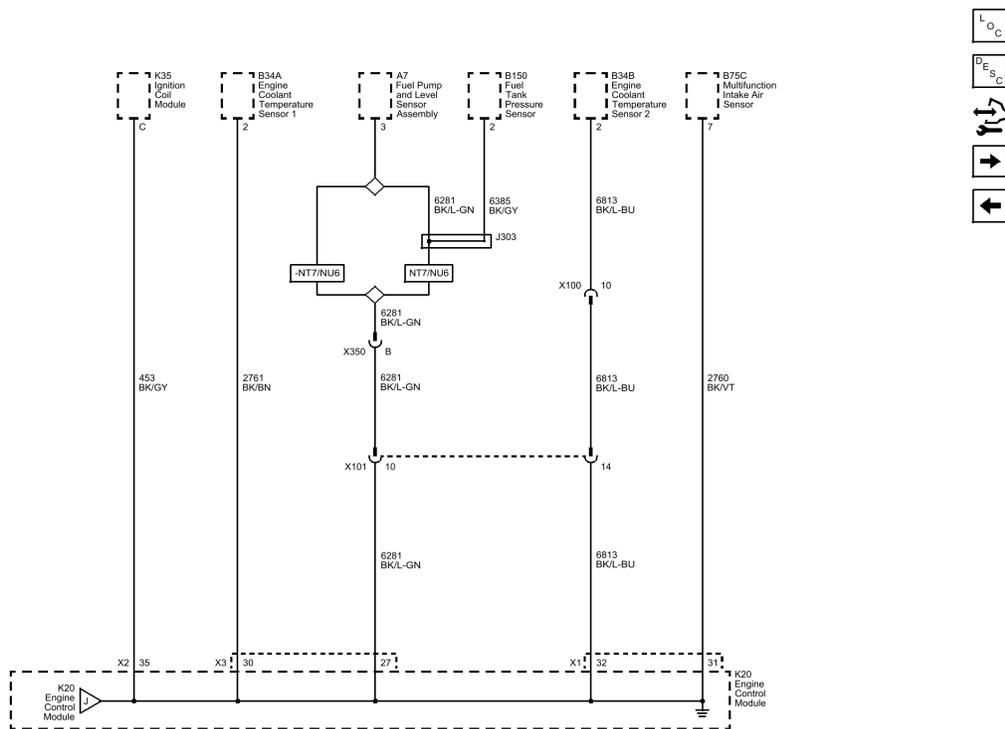


Fig. 3: Low Reference Bus (2 Of 2) Wiring Schematic
 Courtesy of GENERAL MOTORS COMPANY

Engine Data Sensors - Humidity, Pressure and Temperature

2014 Chevrolet Sonic LT

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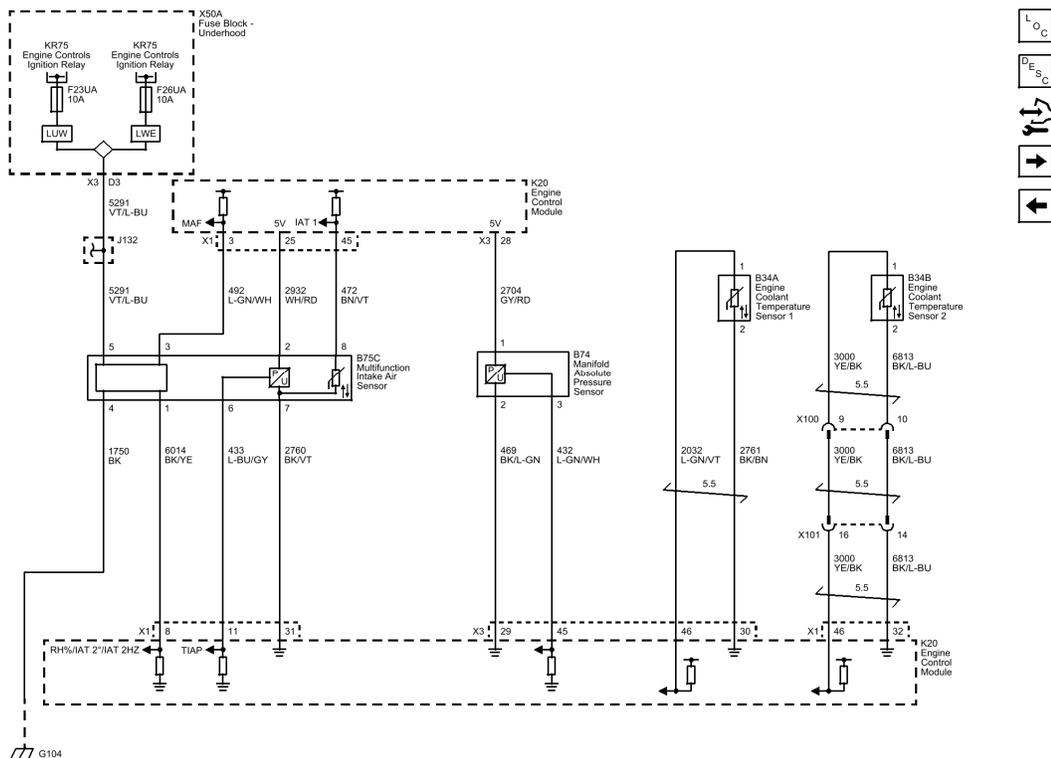


Fig. 4: Engine Data Sensors - Humidity, Pressure And Temperature Wiring Schematic
 Courtesy of GENERAL MOTORS COMPANY

Engine Data Sensors - Oxygen Sensors

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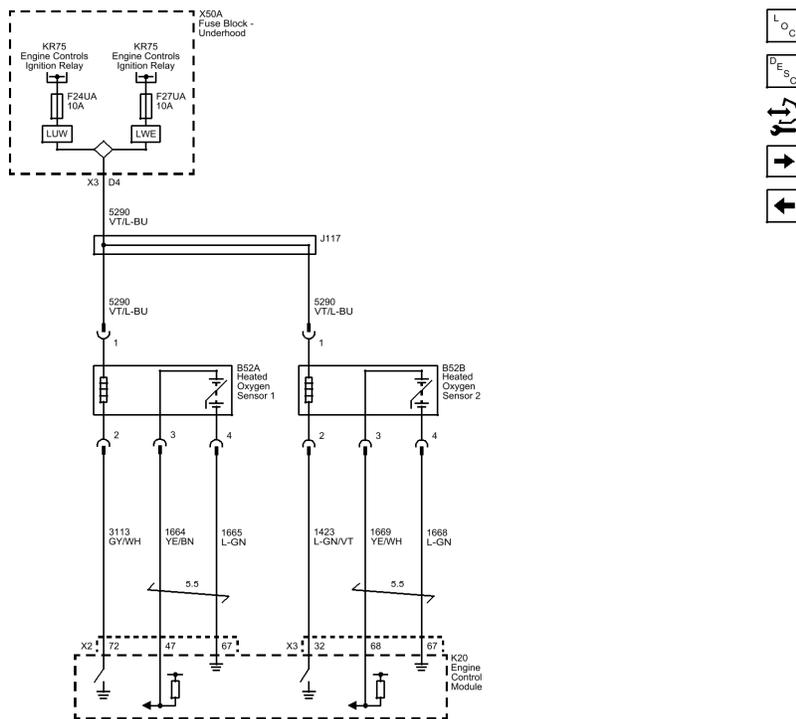


Fig. 5: Engine Data Sensors - Oxygen Sensors Wiring Schematic
 Courtesy of GENERAL MOTORS COMPANY

Engine Data Sensors - Throttle and Brake Sensor Controls

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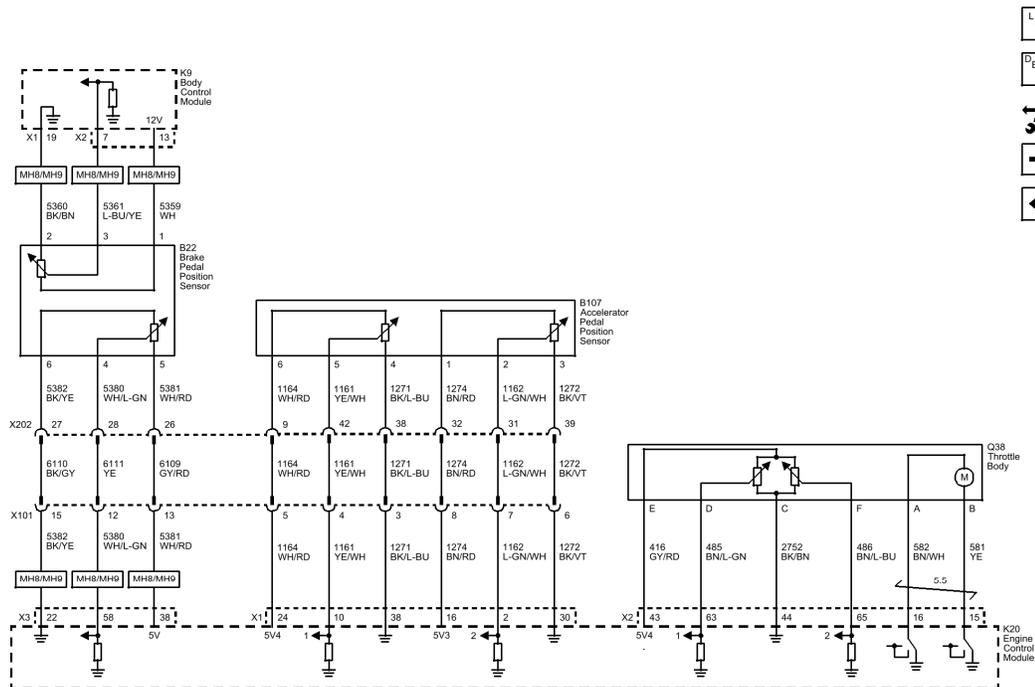


Fig. 6: Engine Data Sensors - Throttle And Brake Sensor Controls Wiring Schematic
 Courtesy of GENERAL MOTORS COMPANY

Ignition Controls - Ignition System

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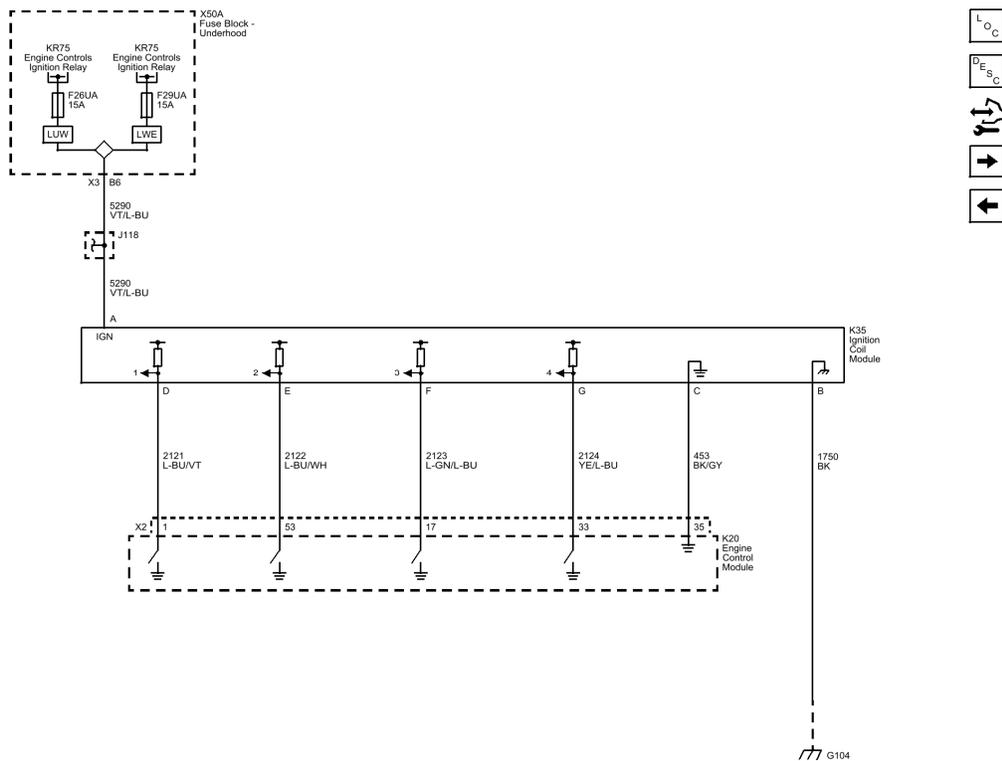


Fig. 7: Ignition Controls - Ignition System Wiring Schematic
Courtesy of GENERAL MOTORS COMPANY

Ignition Controls - Camshaft, Crankshaft and Knock Sensors, Camshaft Actuators

2014 Chevrolet Sonic LT

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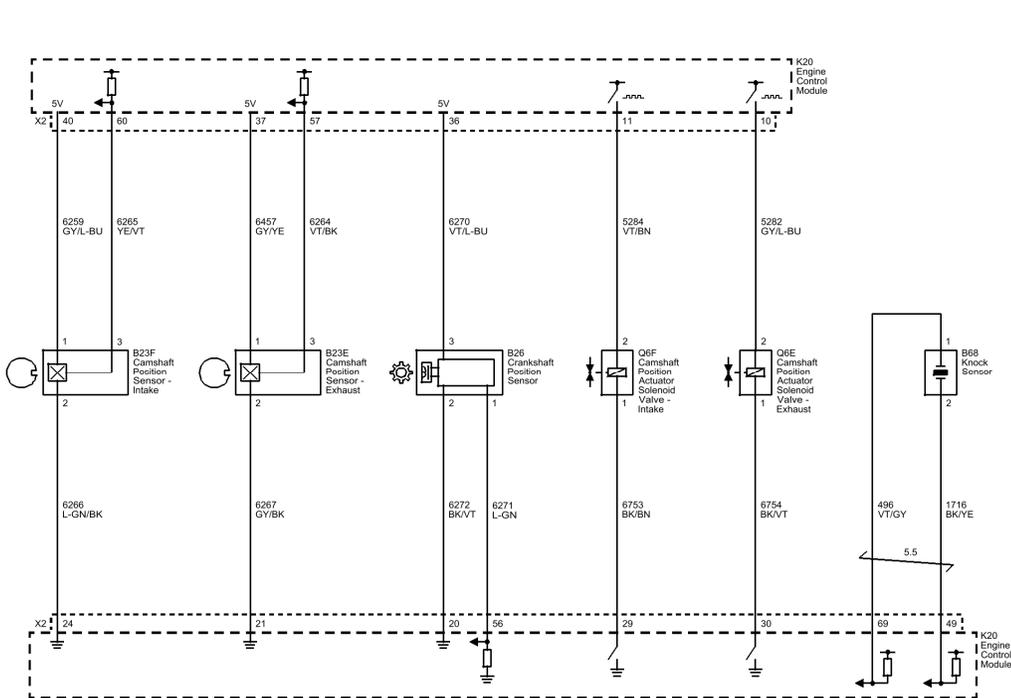


Fig. 8: Ignition Controls - Camshaft, Crankshaft And Knock Sensors, Camshaft Actuators Wiring Schematic

Courtesy of GENERAL MOTORS COMPANY

Fuel Controls - Fuel Pump and Fuel Pump Controls

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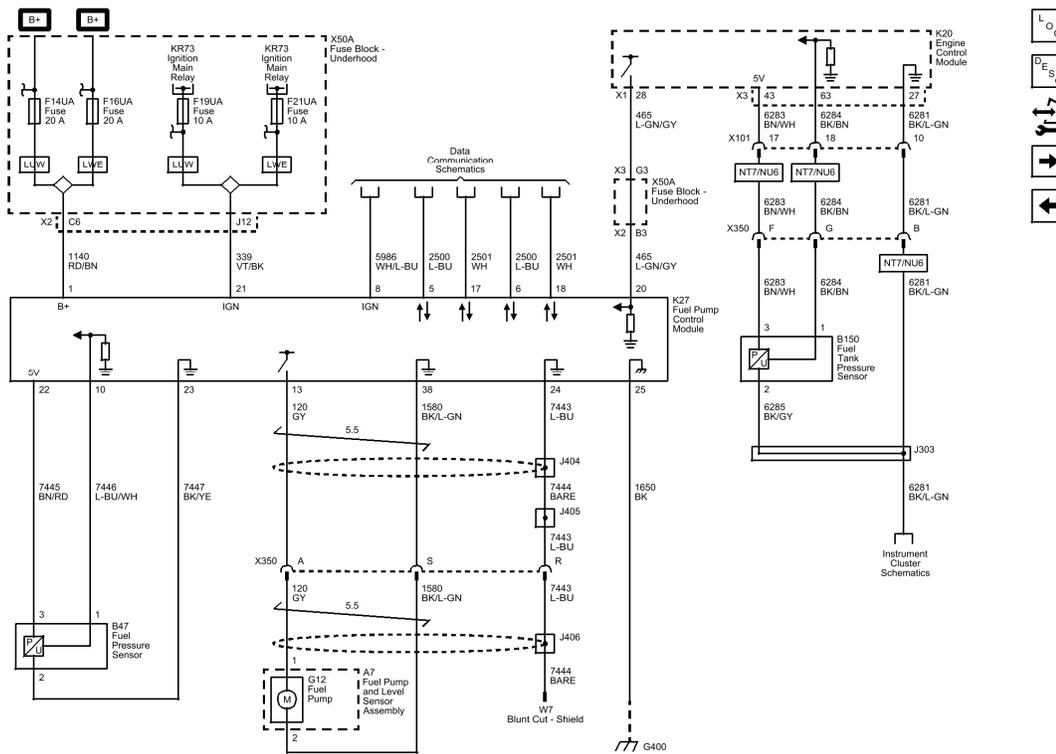


Fig. 9: Fuel Controls - Fuel Pump And Fuel Pump Controls Wiring Schematic
 Courtesy of GENERAL MOTORS COMPANY

Fuel Controls - Fuel Injectors

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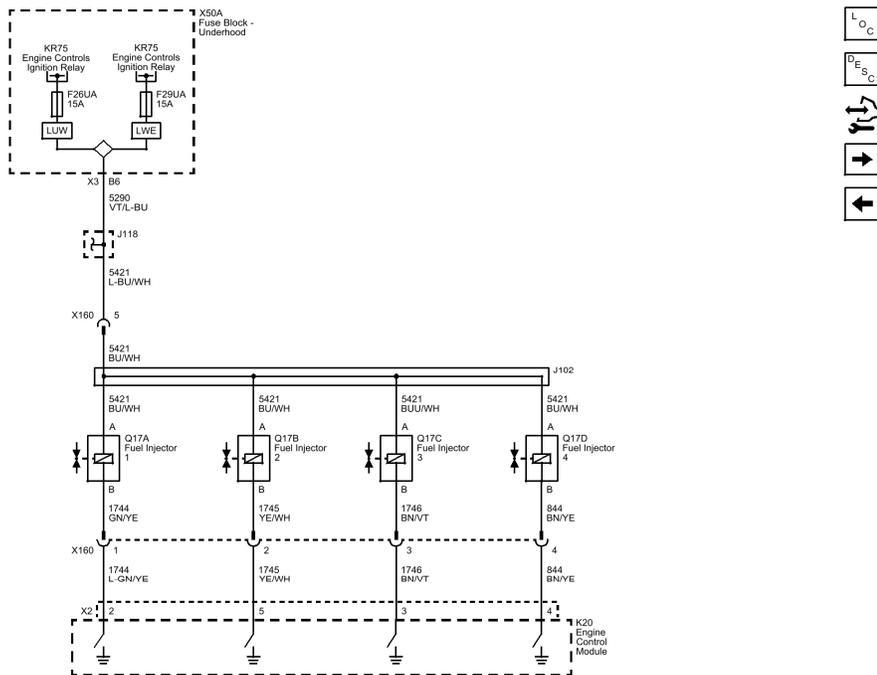


Fig. 10: Fuel Controls - Fuel Injectors Wiring Schematic
Courtesy of GENERAL MOTORS COMPANY

Evaporative Emission, Economy and Device Controls

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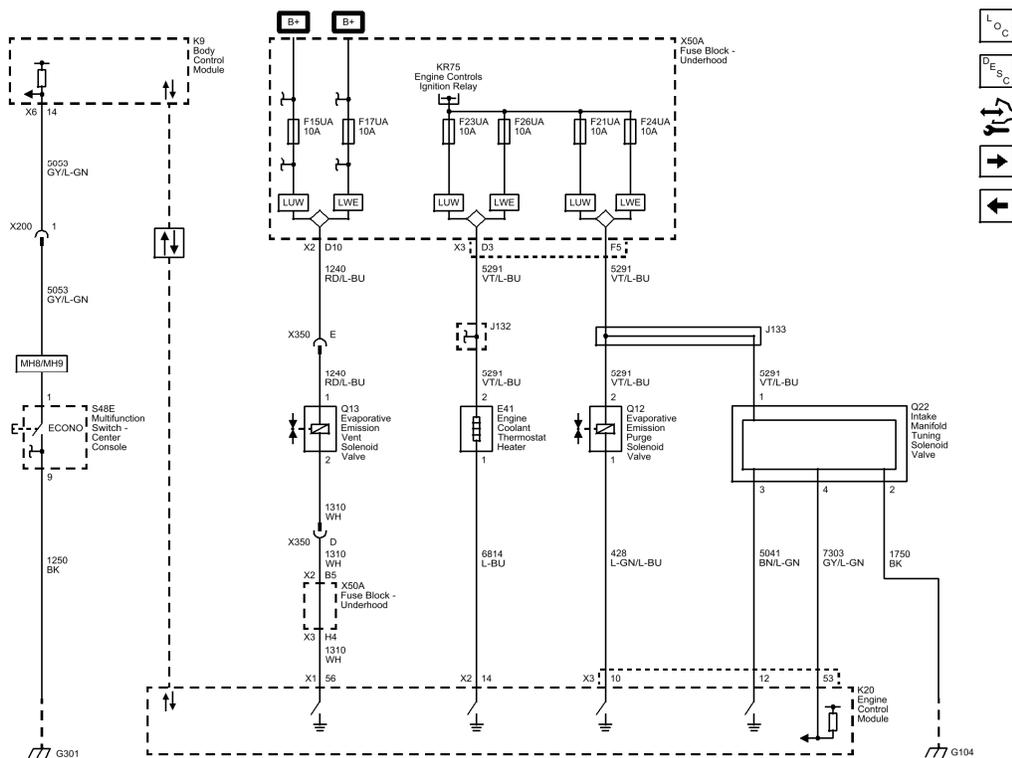


Fig. 11: Evaporative Emission, Economy And Device Wiring Schematic
 Courtesy of GENERAL MOTORS COMPANY

Device Controls - Secondary Air Injection (NU6)

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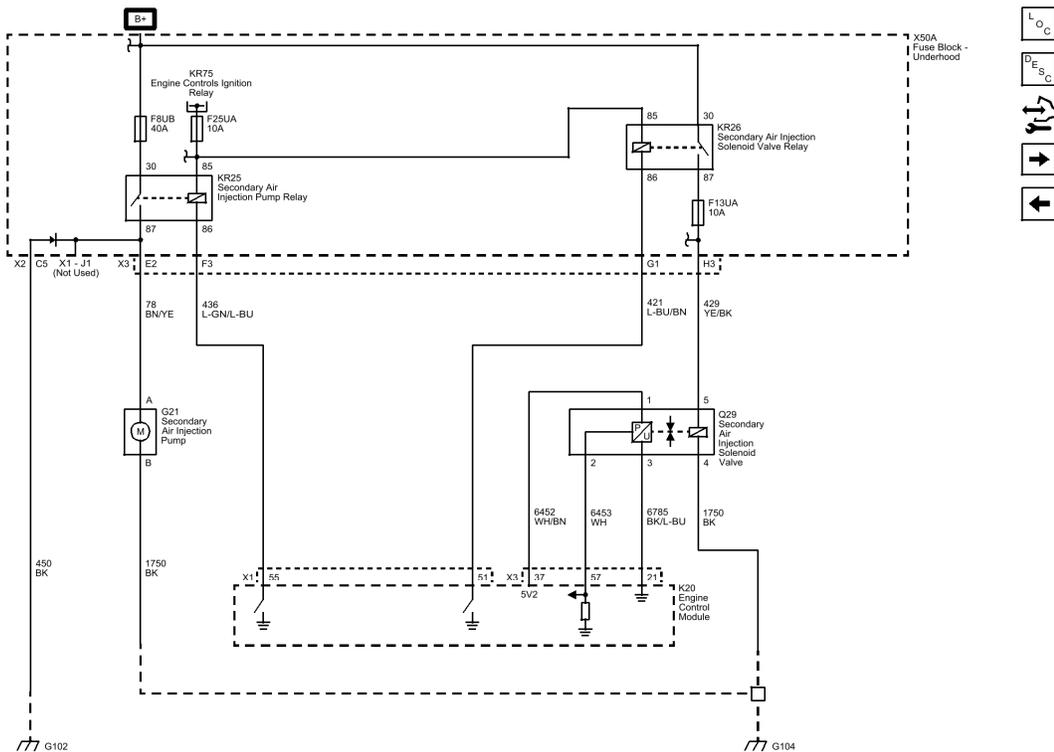


Fig. 12: Device Controls - Secondary Air Injection (NU6) Wiring Schematic
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Controlled/Monitored Subsystem References

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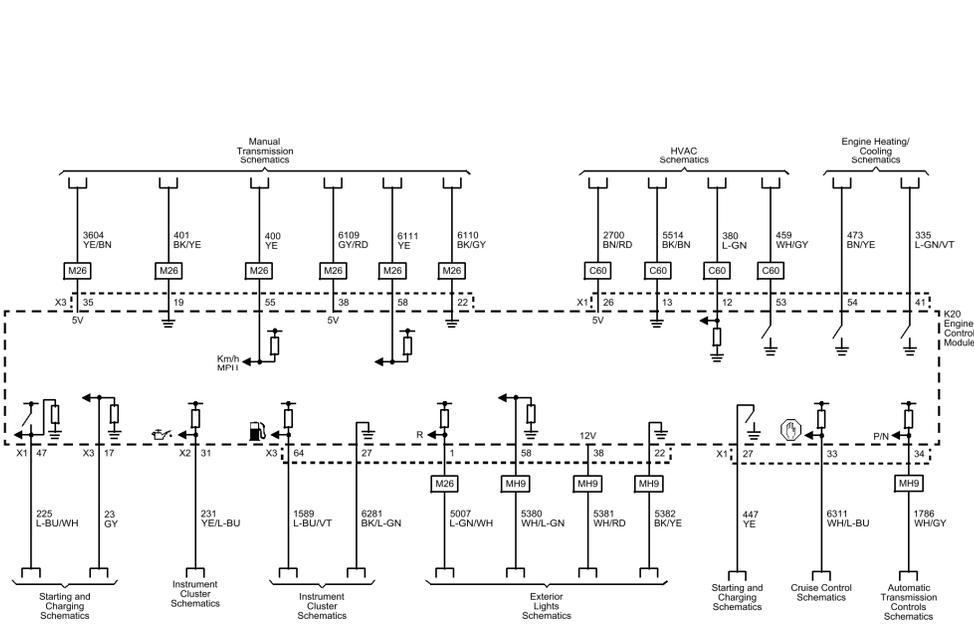


Fig. 13: Controlled/Monitored Subsystem References Wiring Schematic
 Courtesy of GENERAL MOTORS COMPANY