

2010 ENGINE PERFORMANCE

Engine Controls and Fuel - 2.2L or 2.4L - Equinox & Terrain

SCHEMATIC AND ROUTING DIAGRAMS

ENGINE CONTROLS SCHEMATICS

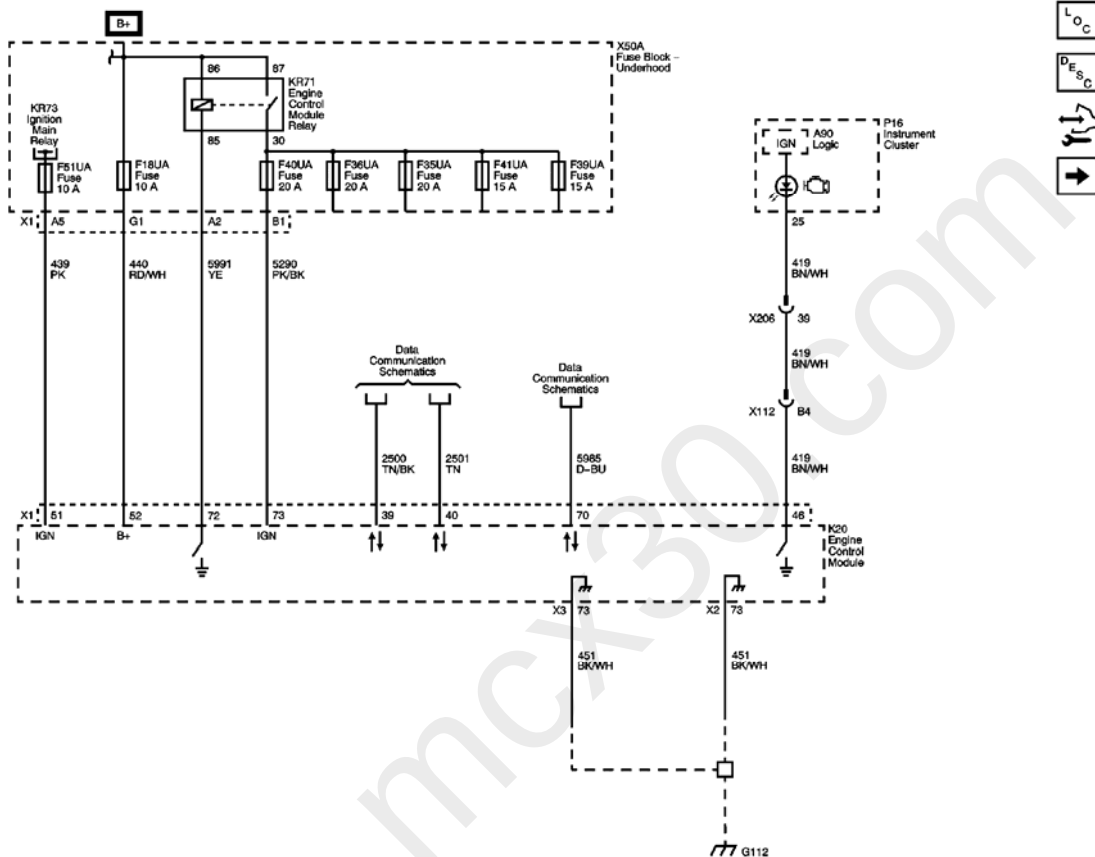


Fig. 1: Module Power, Ground, Serial Data, and MIL (LAF)
Courtesy of GENERAL MOTORS CORP.

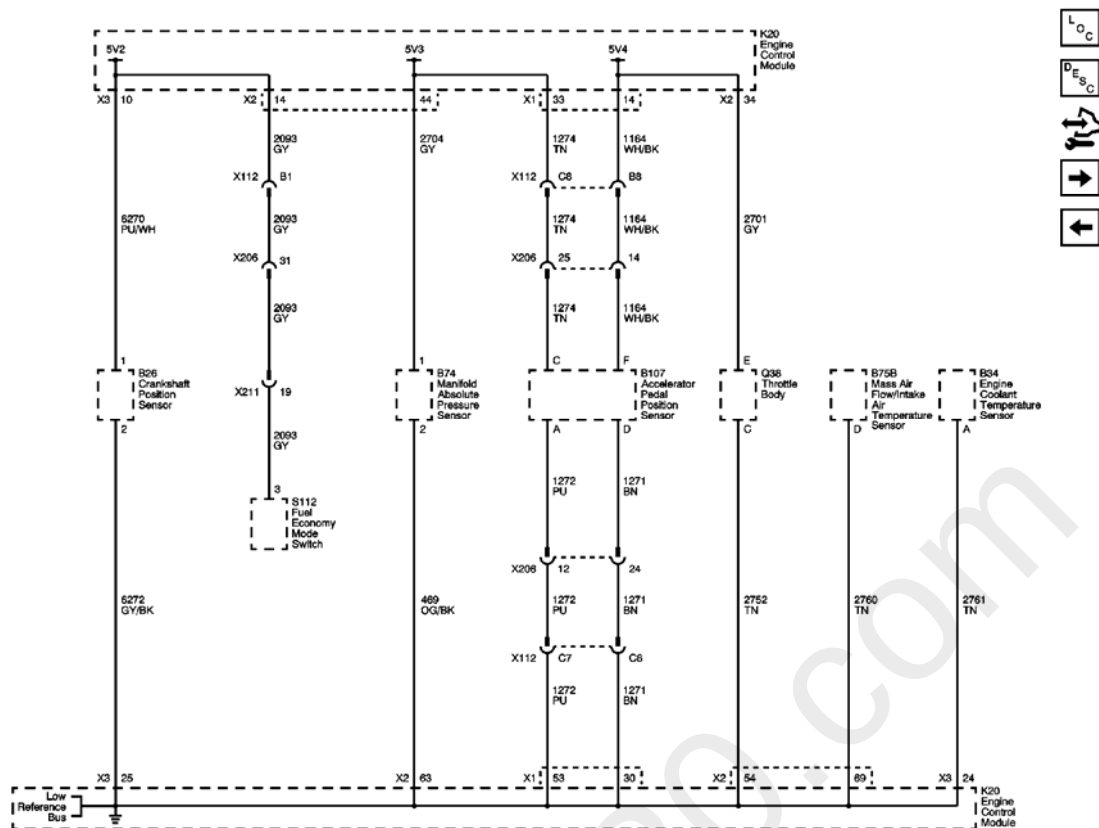


Fig. 3: 5V2, 5V3, 5V4, and Low Reference Bus (LAF)
 Courtesy of GENERAL MOTORS CORP.

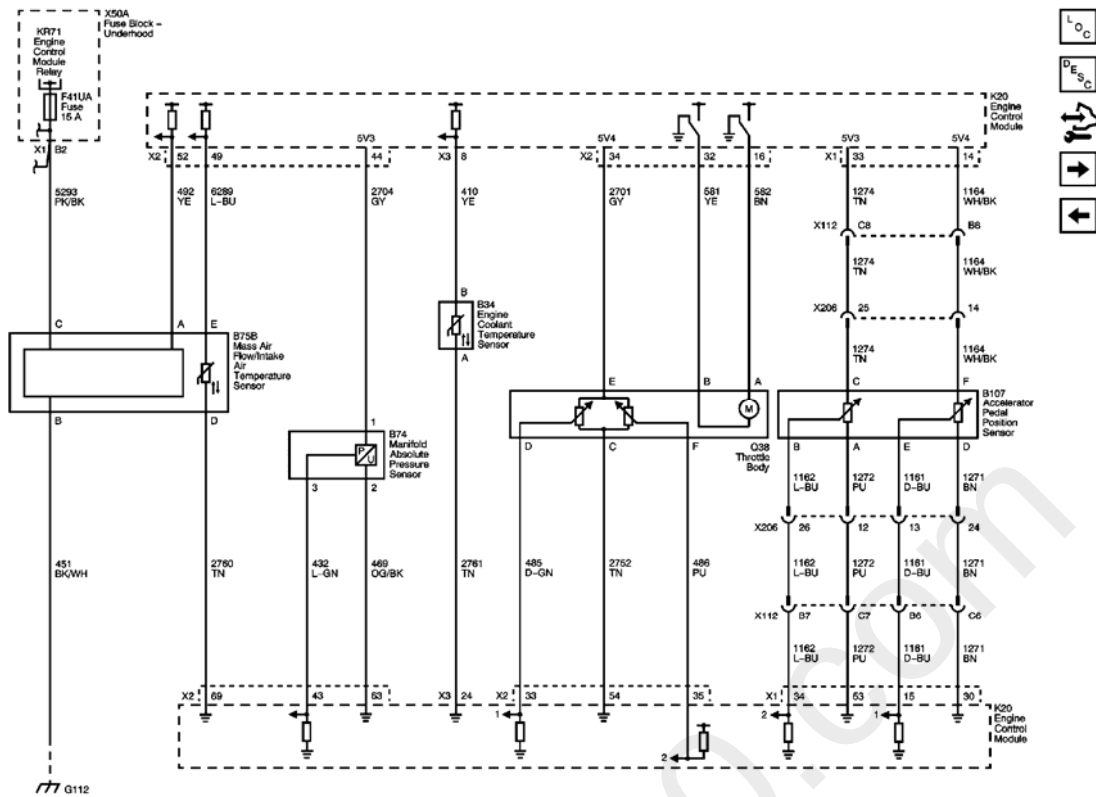


Fig. 4: Engine Data Sensors - Pressure, Temperature, and Throttle Controls (LAF)
 Courtesy of GENERAL MOTORS CORP.

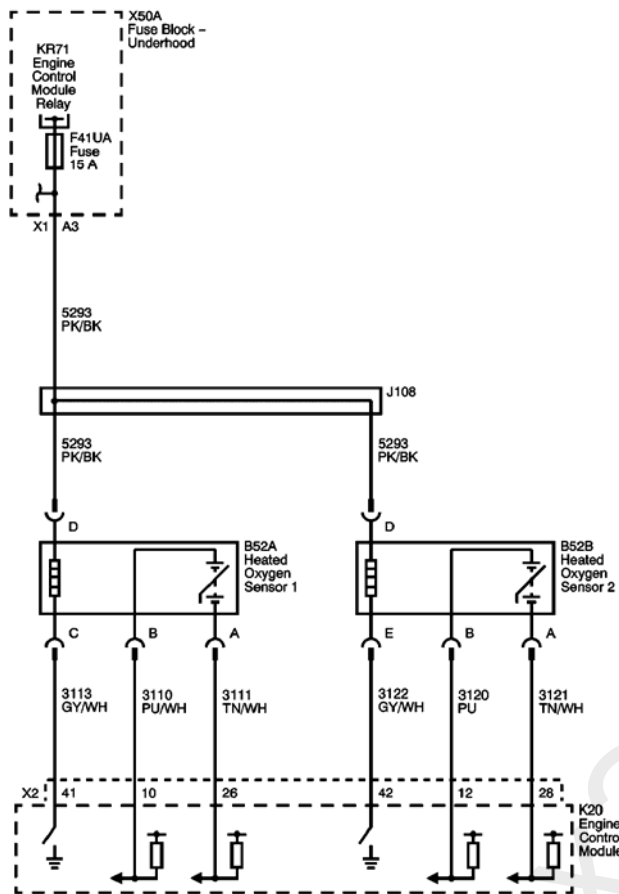


Fig. 5: Engine Data Sensors - Oxygen Sensors (LAF)
 Courtesy of GENERAL MOTORS CORP.

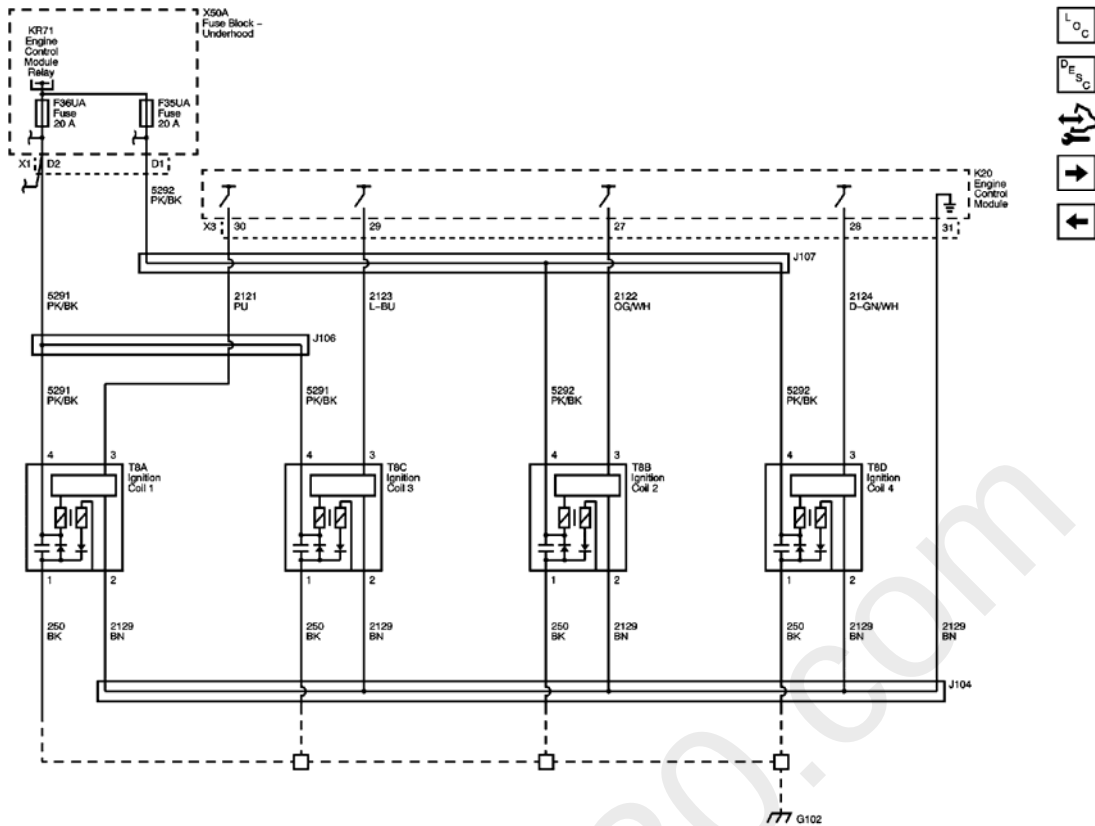


Fig. 6: Ignition Controls - Ignition System (LAF)
 Courtesy of GENERAL MOTORS CORP.

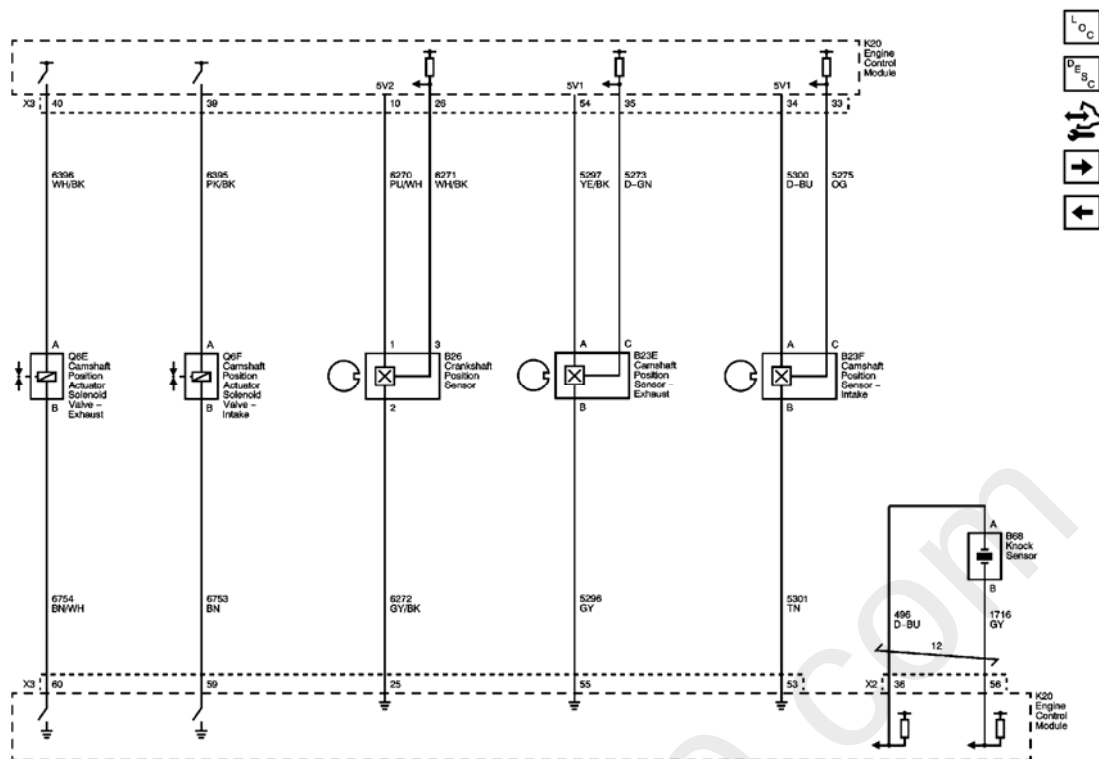


Fig. 7: Ignition Controls - CKP, CMP, KS Sensors, and CMP Actuators (LAF)
Courtesy of GENERAL MOTORS CORP.

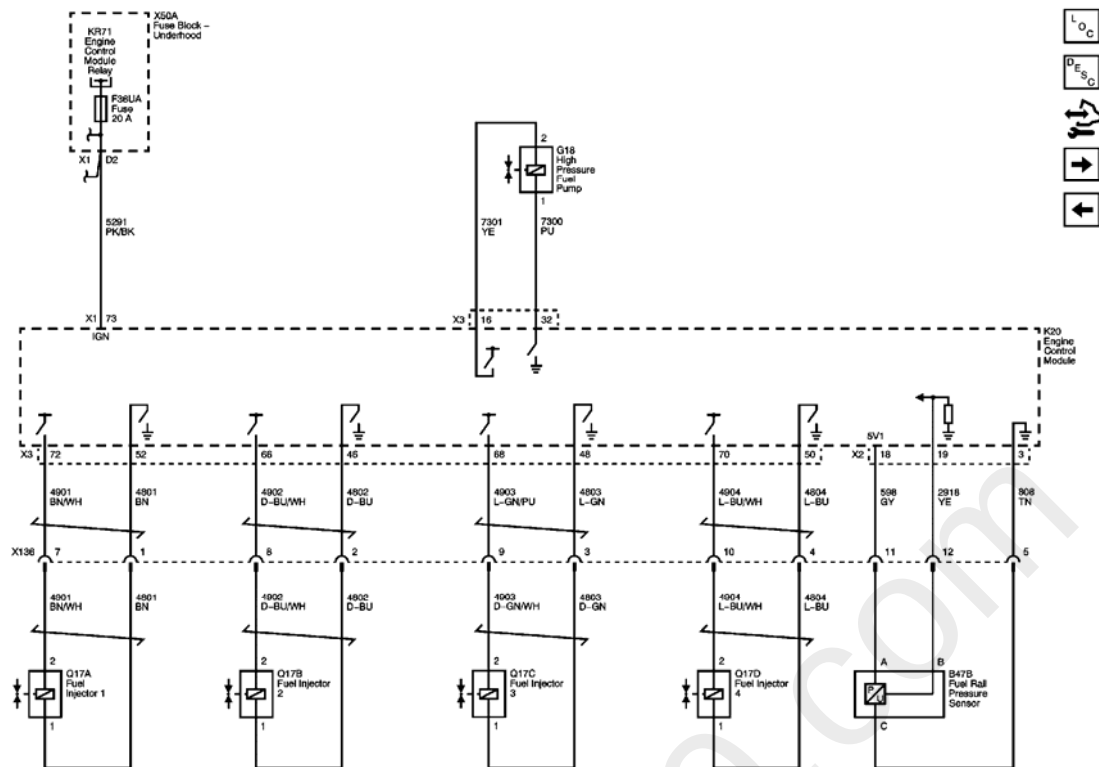


Fig. 8: Fuel Controls - Fuel Injectors, Fuel Rail Pressure Sensor, and High Pressure Fuel Pump (LAF)
 Courtesy of GENERAL MOTORS CORP.

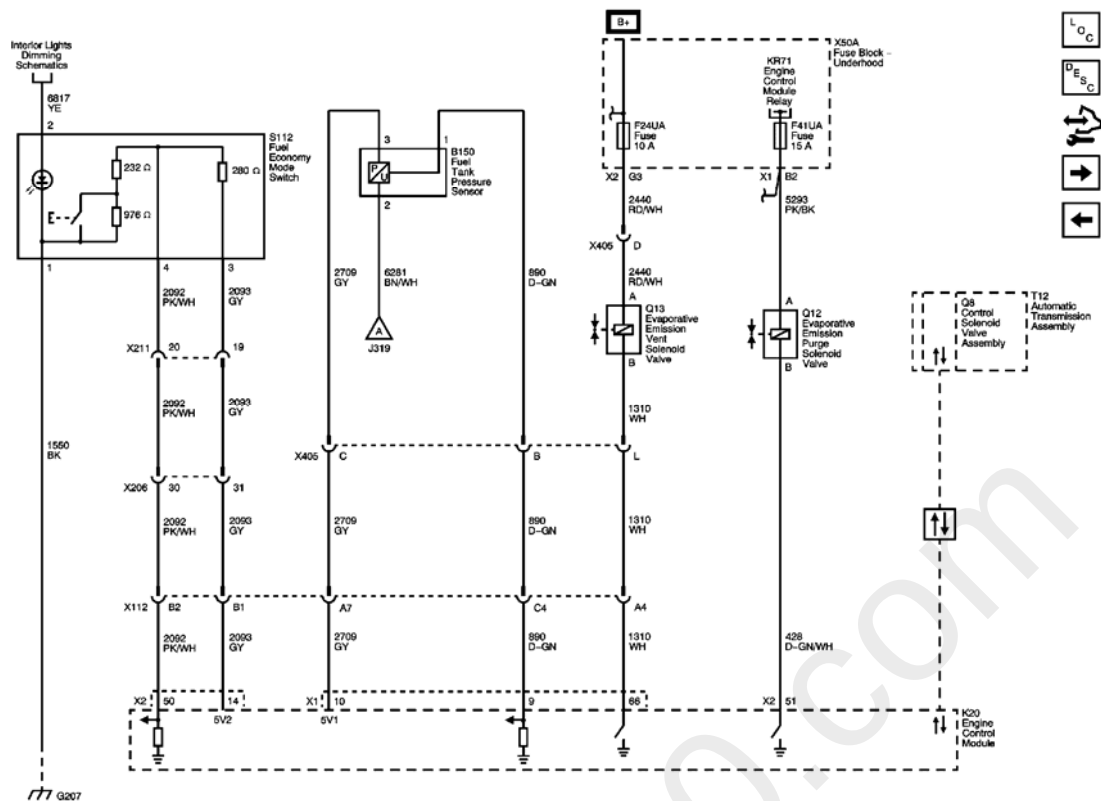
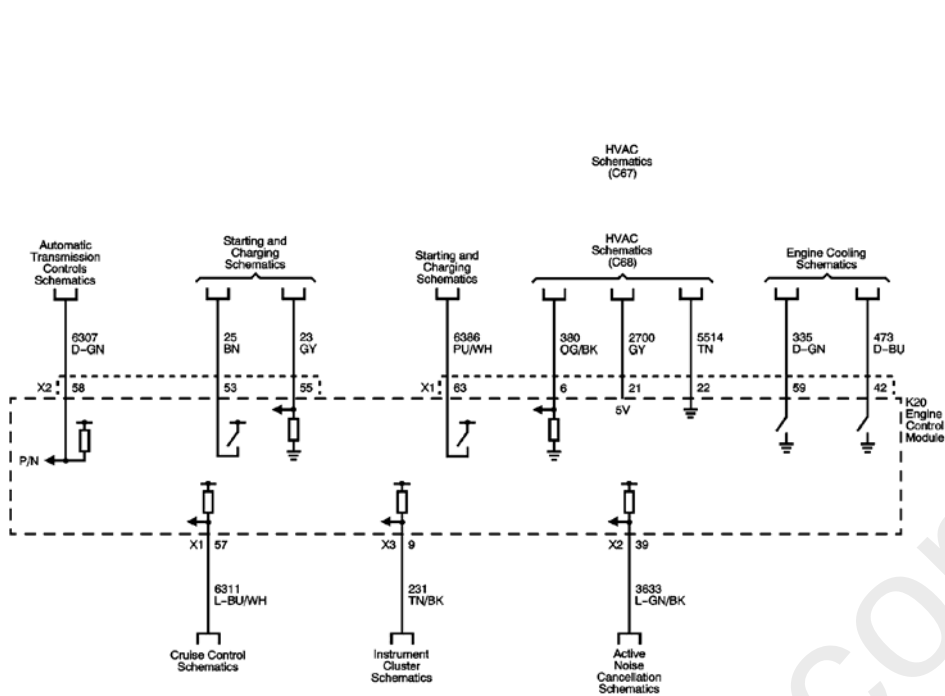


Fig. 10: Fuel Controls - EVAP and Fuel Economy Controls (LAF)
 Courtesy of GENERAL MOTORS CORP.



LOC

DESC



Fig. 11: Subsystem References (LAF)
Courtesy of GENERAL MOTORS CORP.