

2017 ELECTRICAL

Data Communications - Schematic Wiring Diagrams - Bolt EV

SCHEMATIC WIRING DIAGRAMS

DATA COMMUNICATION WIRING SCHEMATICS

Serial Data Gateway Module, Data Link Connector and Auxiliary Data Connector Power and Ground

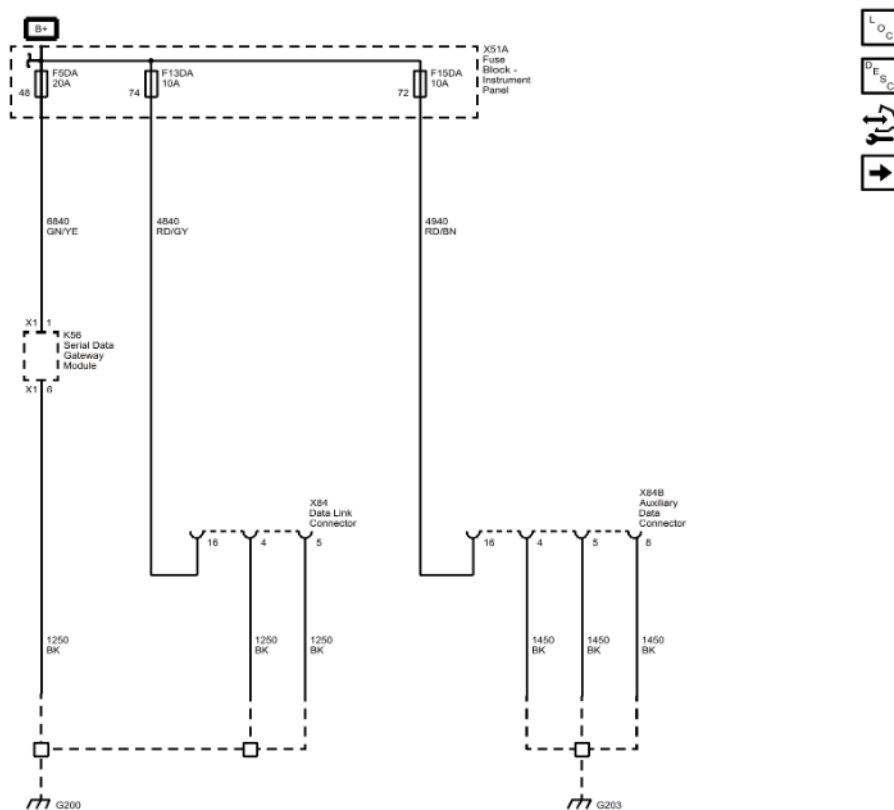


Fig. 1: Serial Data Gateway Module, Data Link Connector and Auxiliary Data Connector Power and Ground

Courtesy of GENERAL MOTORS COMPANY

High Speed GMLAN (1 of 2)

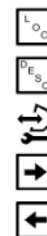
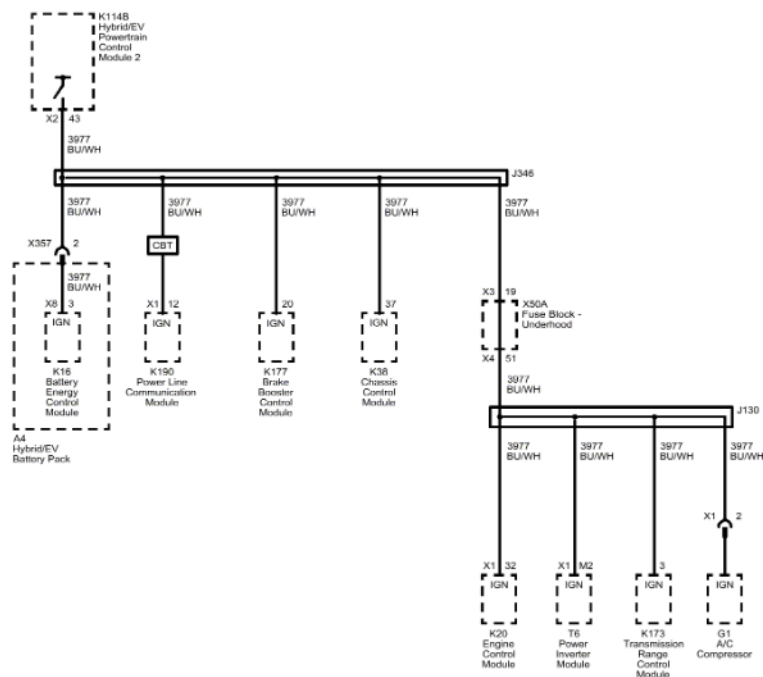


Fig. 4: Serial Data Wake-Up
Courtesy of GENERAL MOTORS COMPANY

Isolated High Speed GMLAN

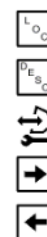
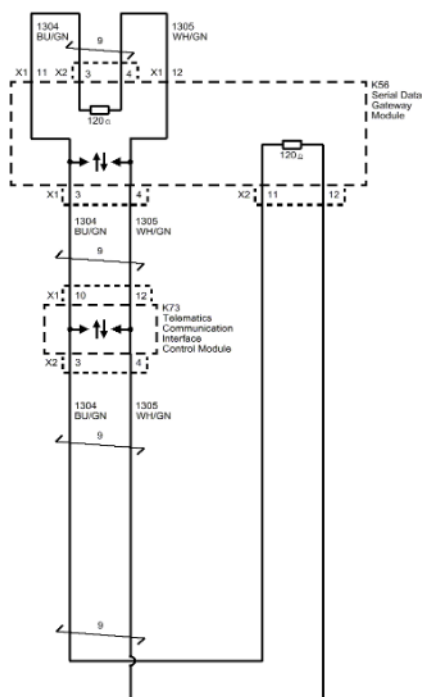


Fig. 5: Isolated High Speed GMLAN
Courtesy of GENERAL MOTORS COMPANY

Low Speed GMLAN

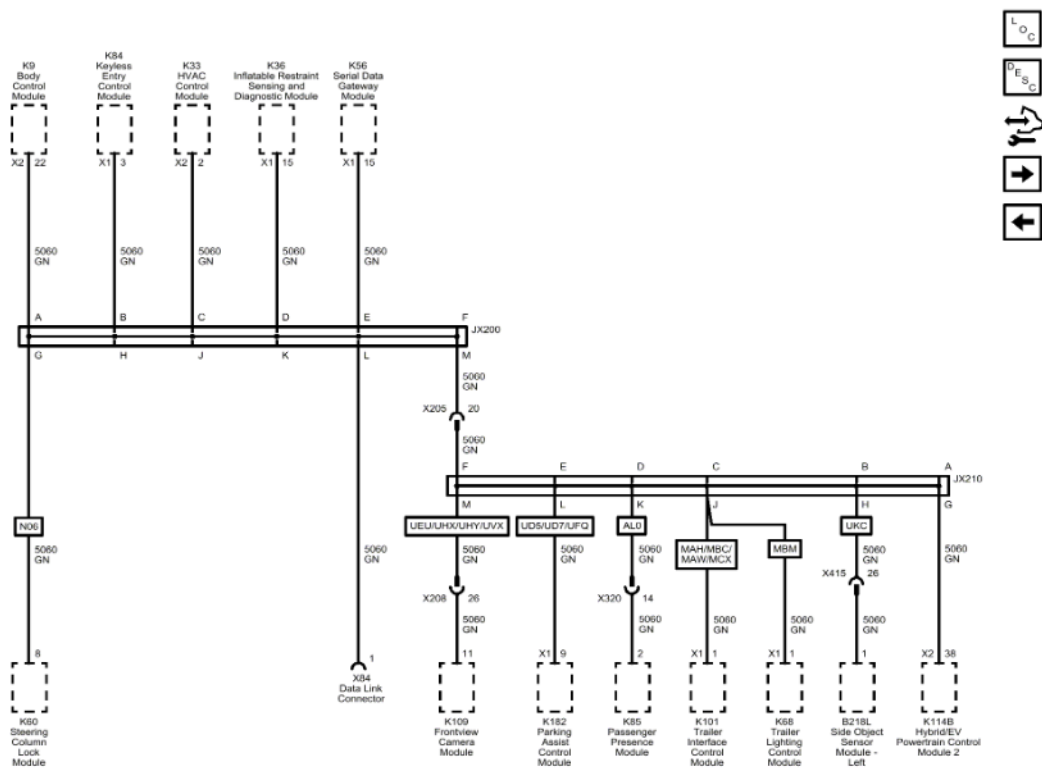


Fig. 6: Low Speed GMLAN
Courtesy of GENERAL MOTORS COMPANY

Isolated Low Speed GMLAN

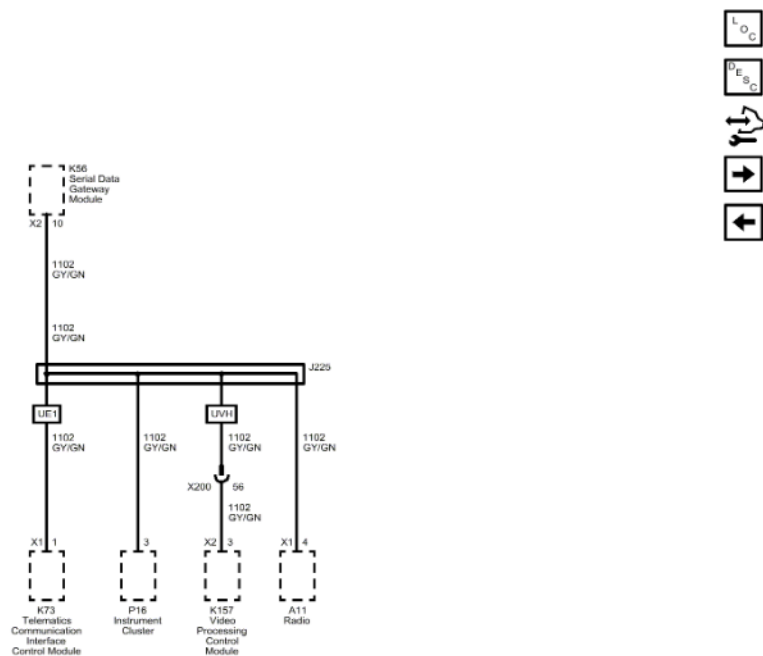


Fig. 7: Isolated Low Speed GMLAN
Courtesy of GENERAL MOTORS COMPANY

High Voltage Management Bus

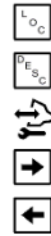
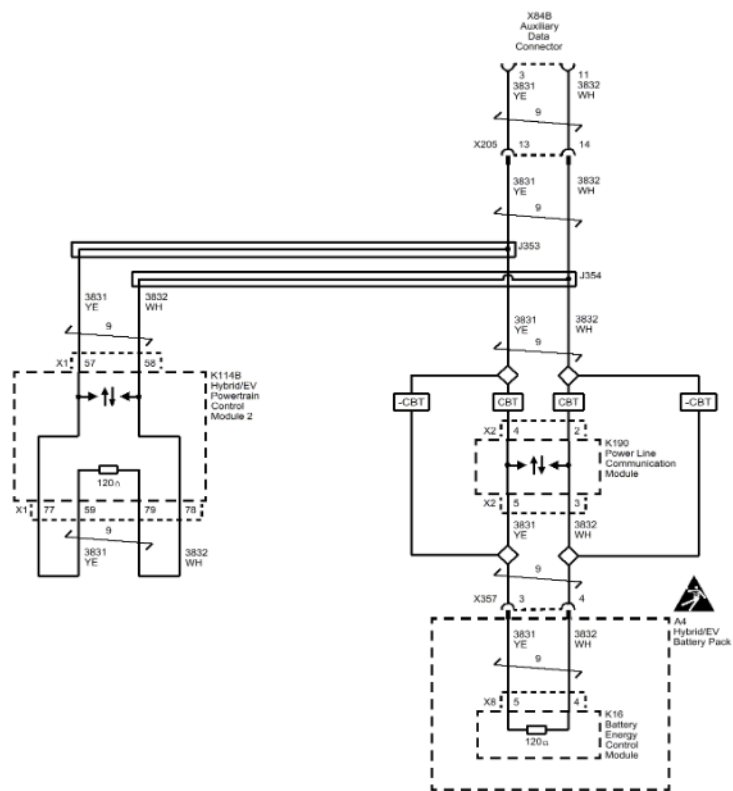


Fig. 8: High Voltage Management Bus
Courtesy of GENERAL MOTORS COMPANY

Powertrain Expansion Bus

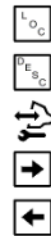
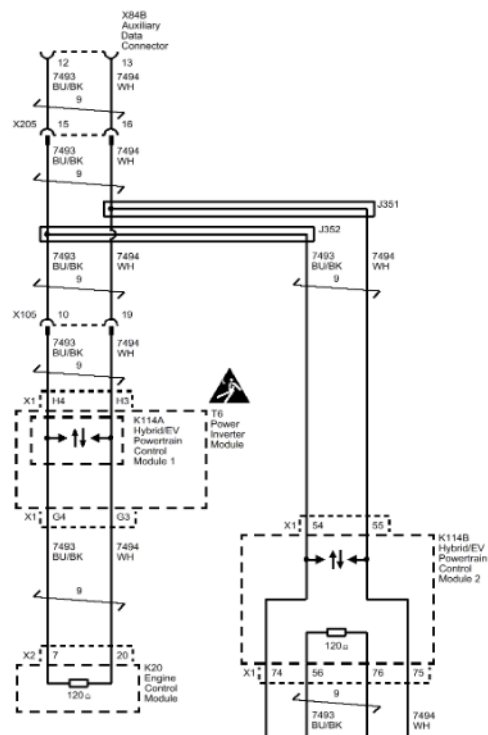


Fig. 9: Powertrain Expansion Bus
Courtesy of GENERAL MOTORS COMPANY

GMLAN Communication Enable

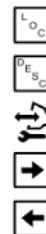
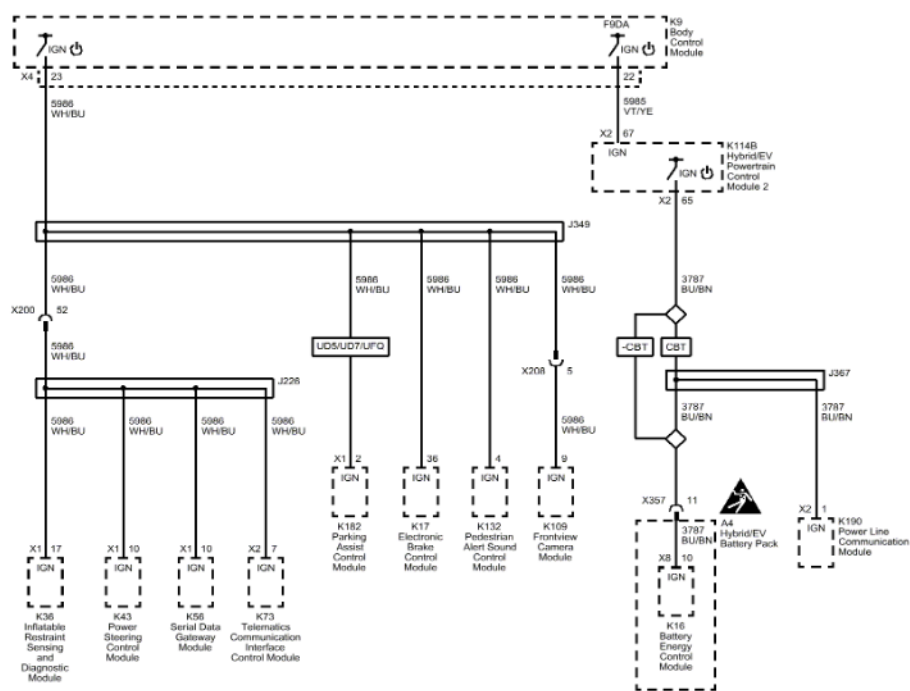


Fig. 10: GMLAN Communication Enable
Courtesy of GENERAL MOTORS COMPANY

Chassis High Speed GMLAN

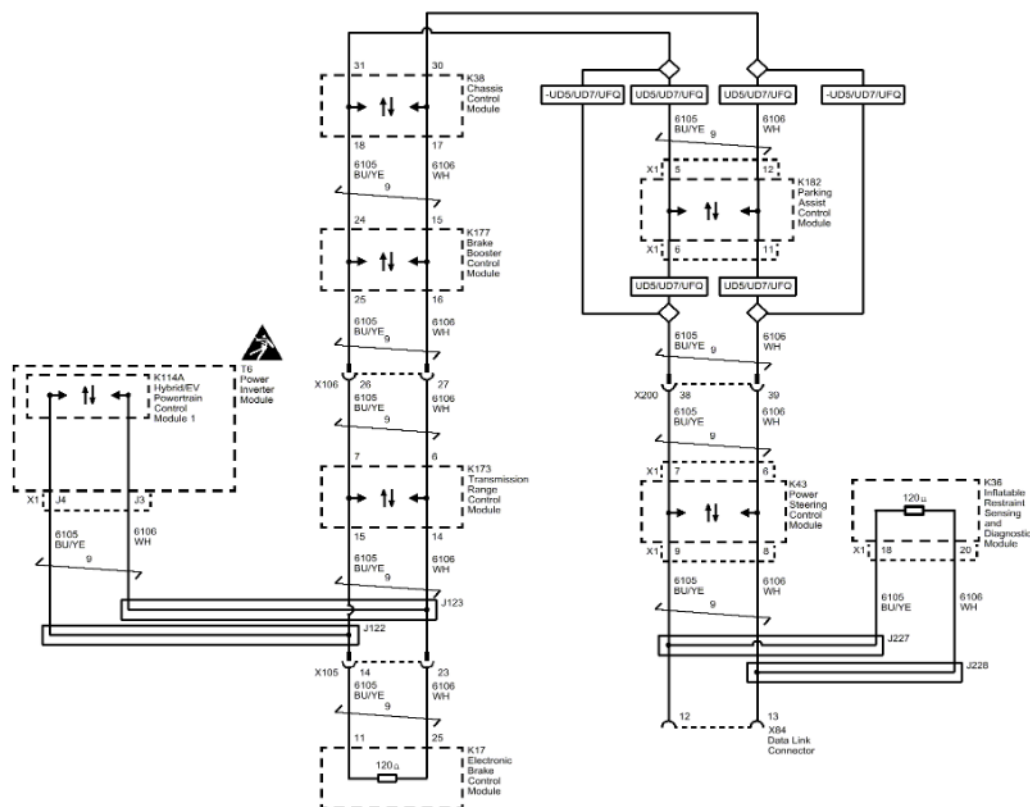


Fig. 11: Chassis High Speed GMLAN
Courtesy of GENERAL MOTORS COMPANY

Linear Interconnect Network (LIN) Communication Busses

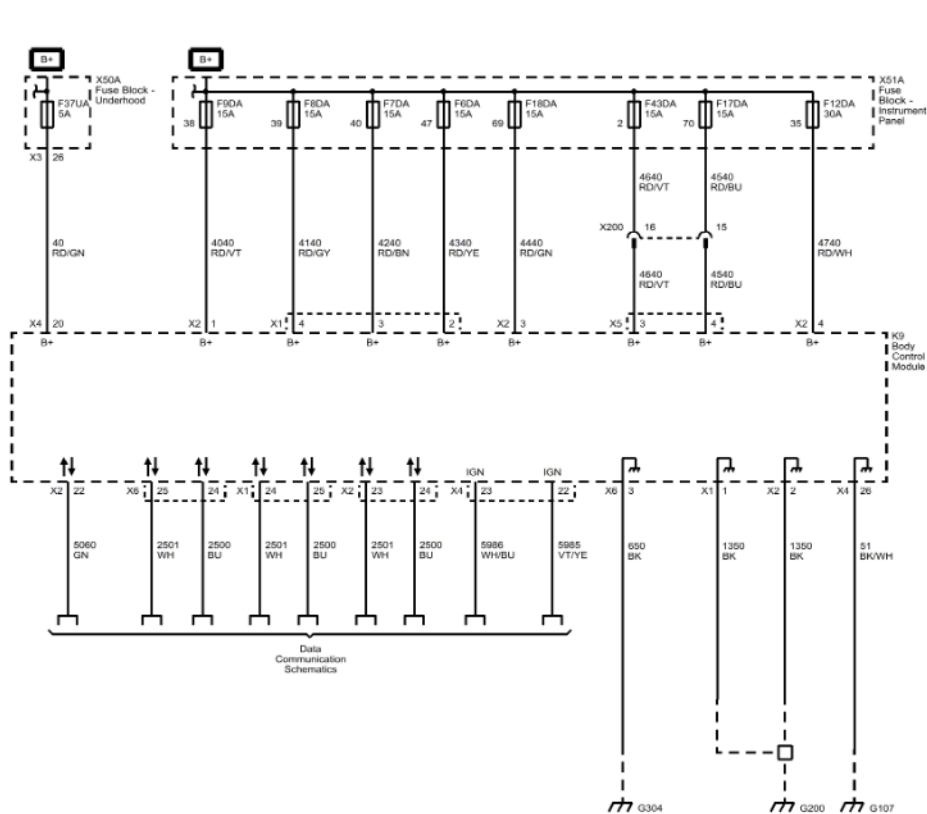


Fig. 14: Power, Ground and Data Communications
Courtesy of GENERAL MOTORS COMPANY

Subsystem References (1 of 3)

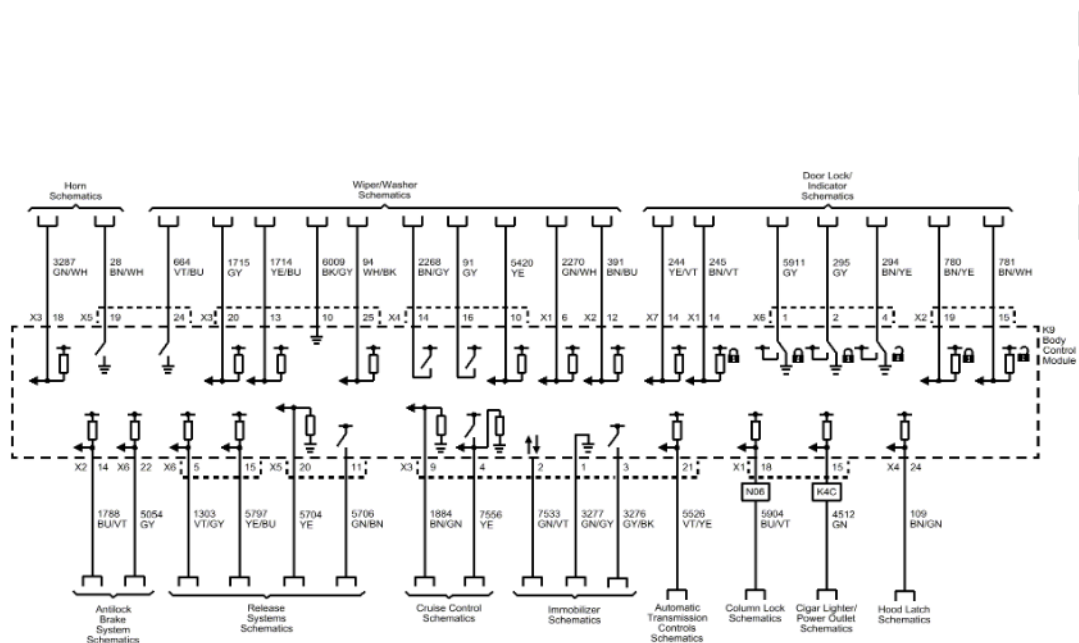


Fig. 15: Subsystem References (1 of 3)
Courtesy of GENERAL MOTORS COMPANY

Subsystem References (2 of 3)

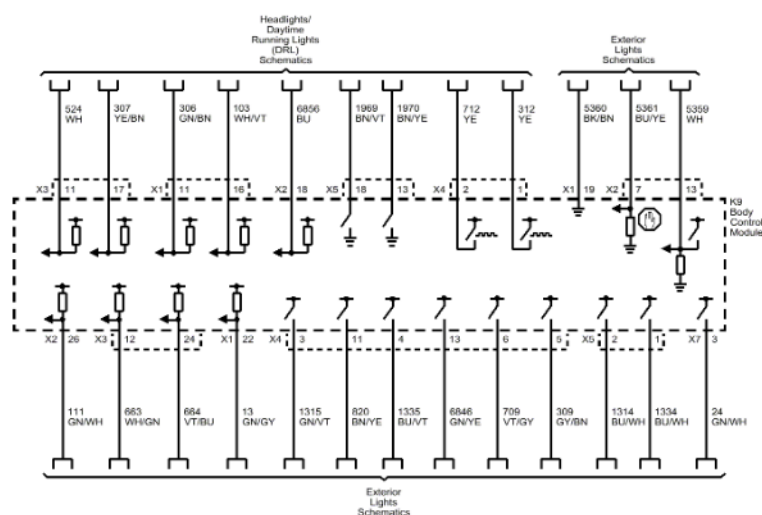


Fig. 16: Subsystem References (2 of 3)
Courtesy of GENERAL MOTORS COMPANY

Subsystem References (3 of 3)

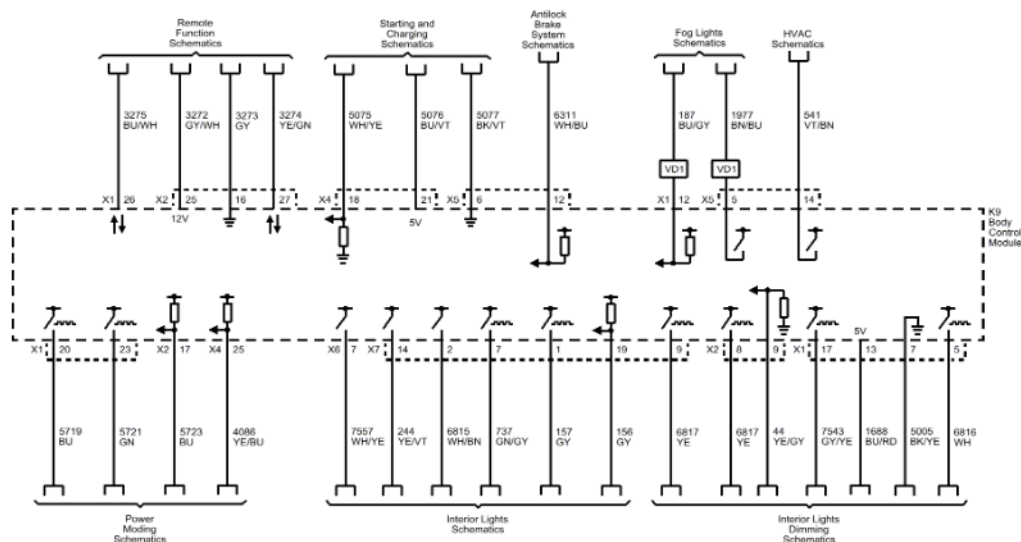


Fig. 17: Subsystem References (3 of 3)
Courtesy of GENERAL MOTORS COMPANY

