

# PRODEMAND

YMMS: 2019 Toyota RAV4 Hybrid LE  
 Engine: 2.5L Eng  
 VIN:

Oct 30, 2019

License:  
 Odometer:

Fig 1: 2.5L Hybrid, Engine Controls Circuit (1 of 7)

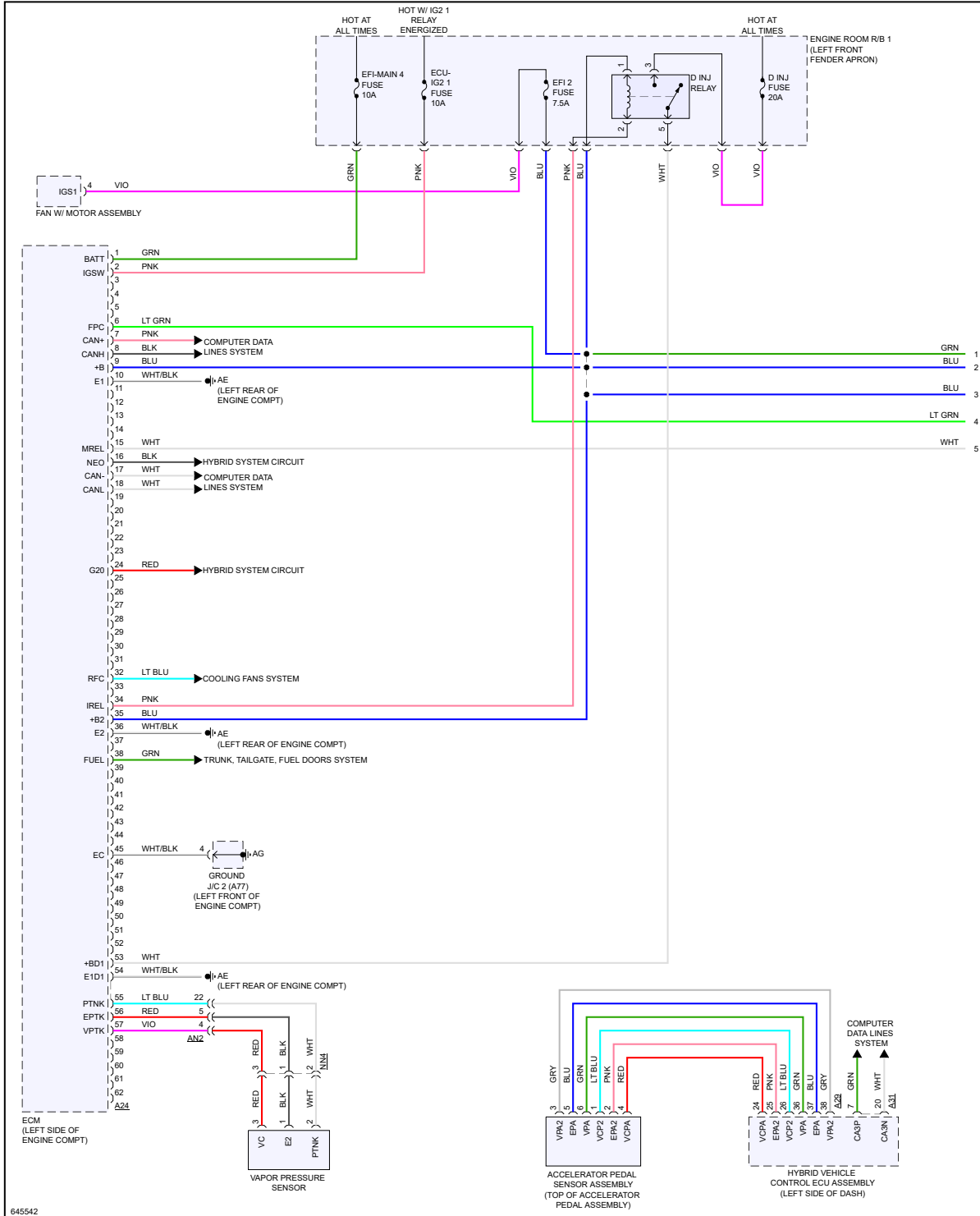


Fig 2: 2.5L Hybrid, Engine Controls Circuit (2 of 7)

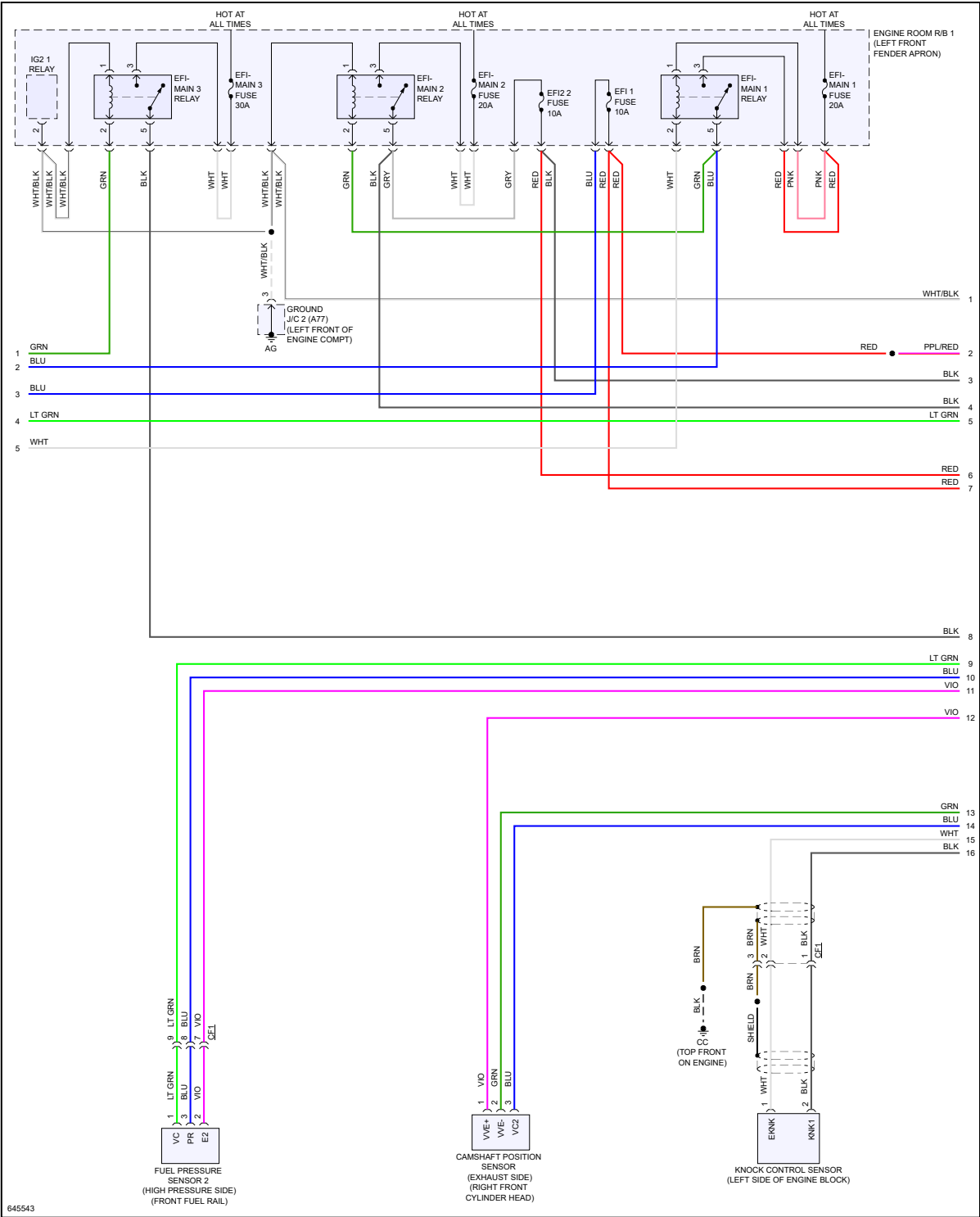


Fig 3: 2.5L Hybrid, Engine Controls Circuit (3 of 7)

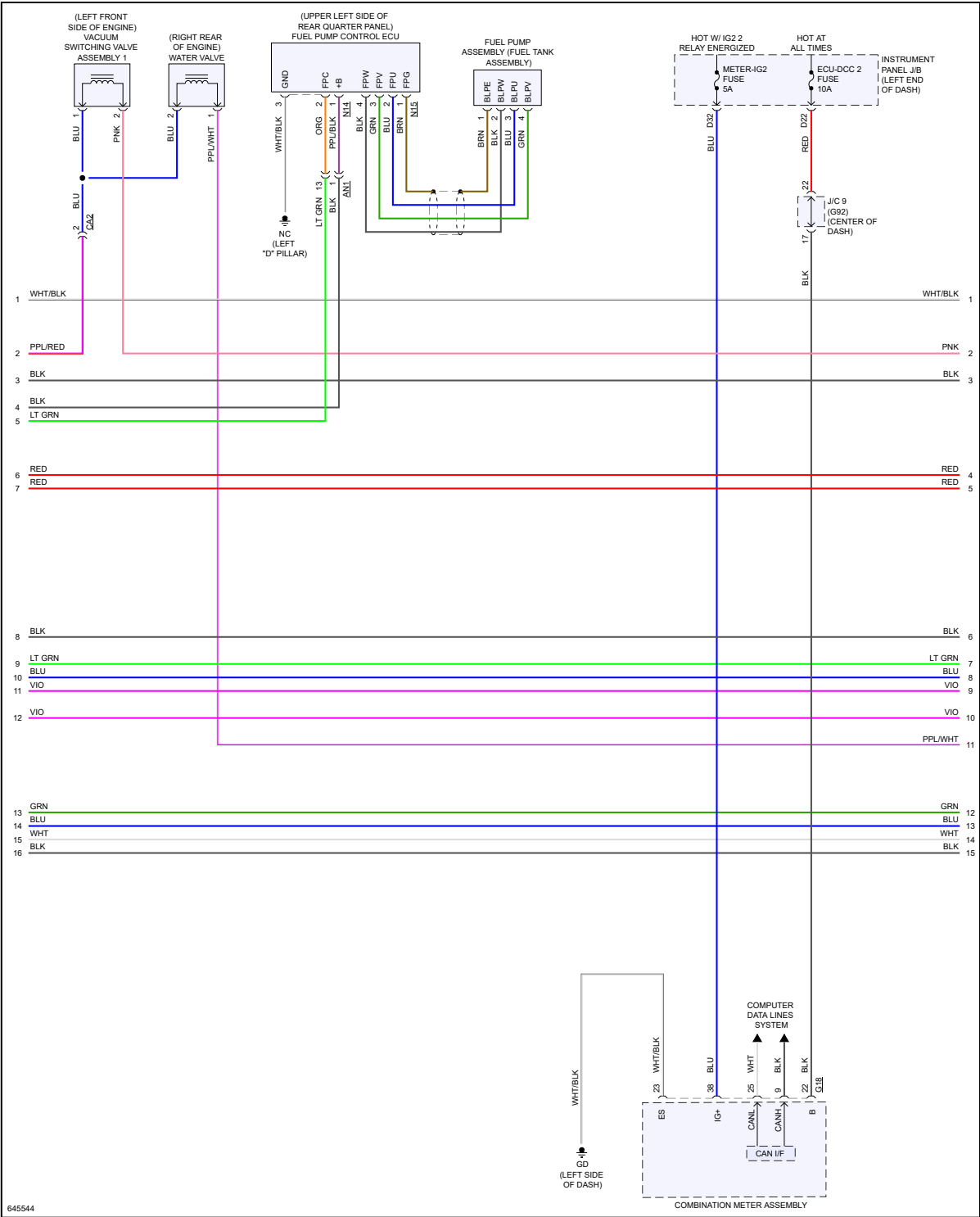


Fig 4: 2.5L Hybrid, Engine Controls Circuit (4 of 7)

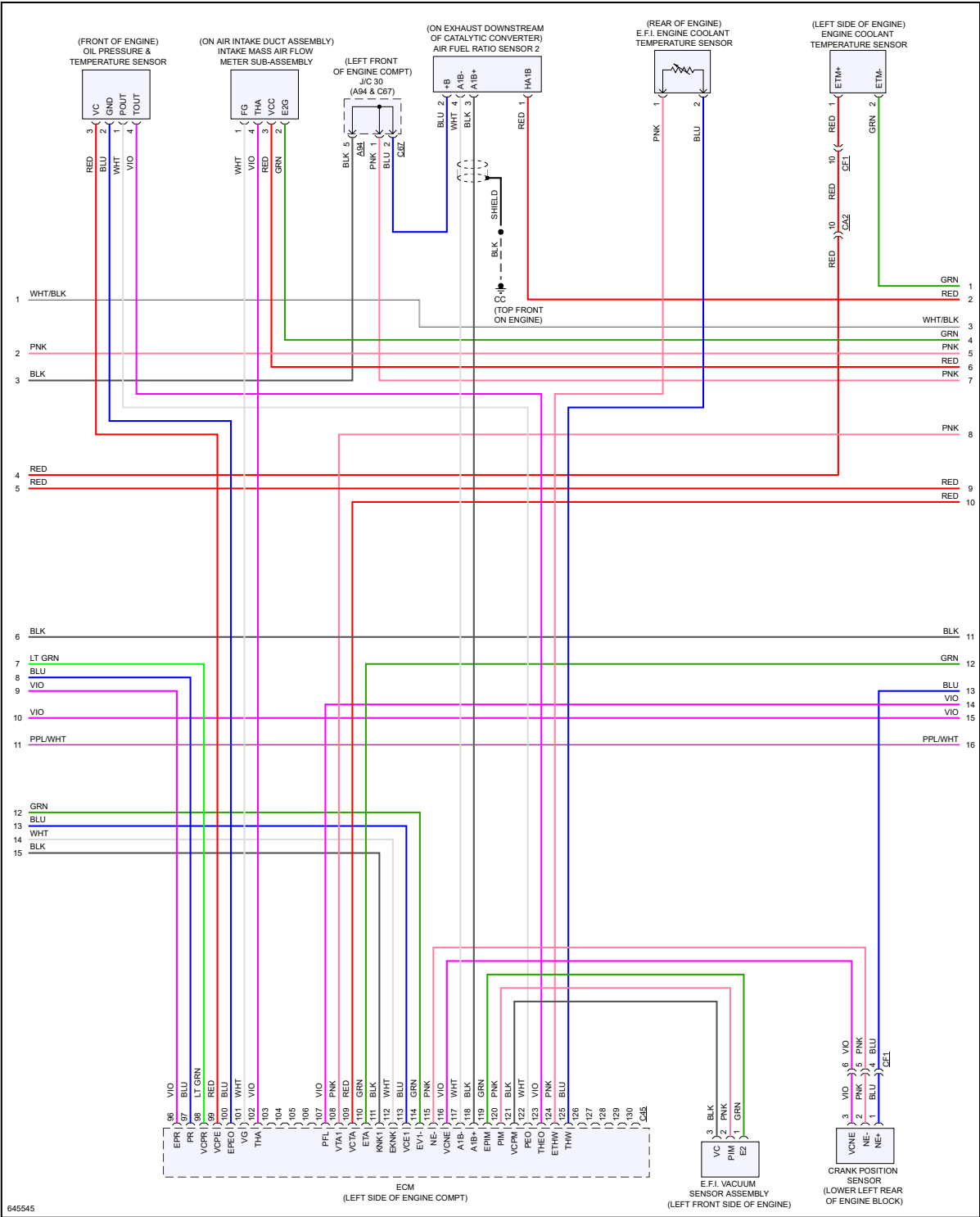


Fig 5: 2.5L Hybrid, Engine Controls Circuit (5 of 7)

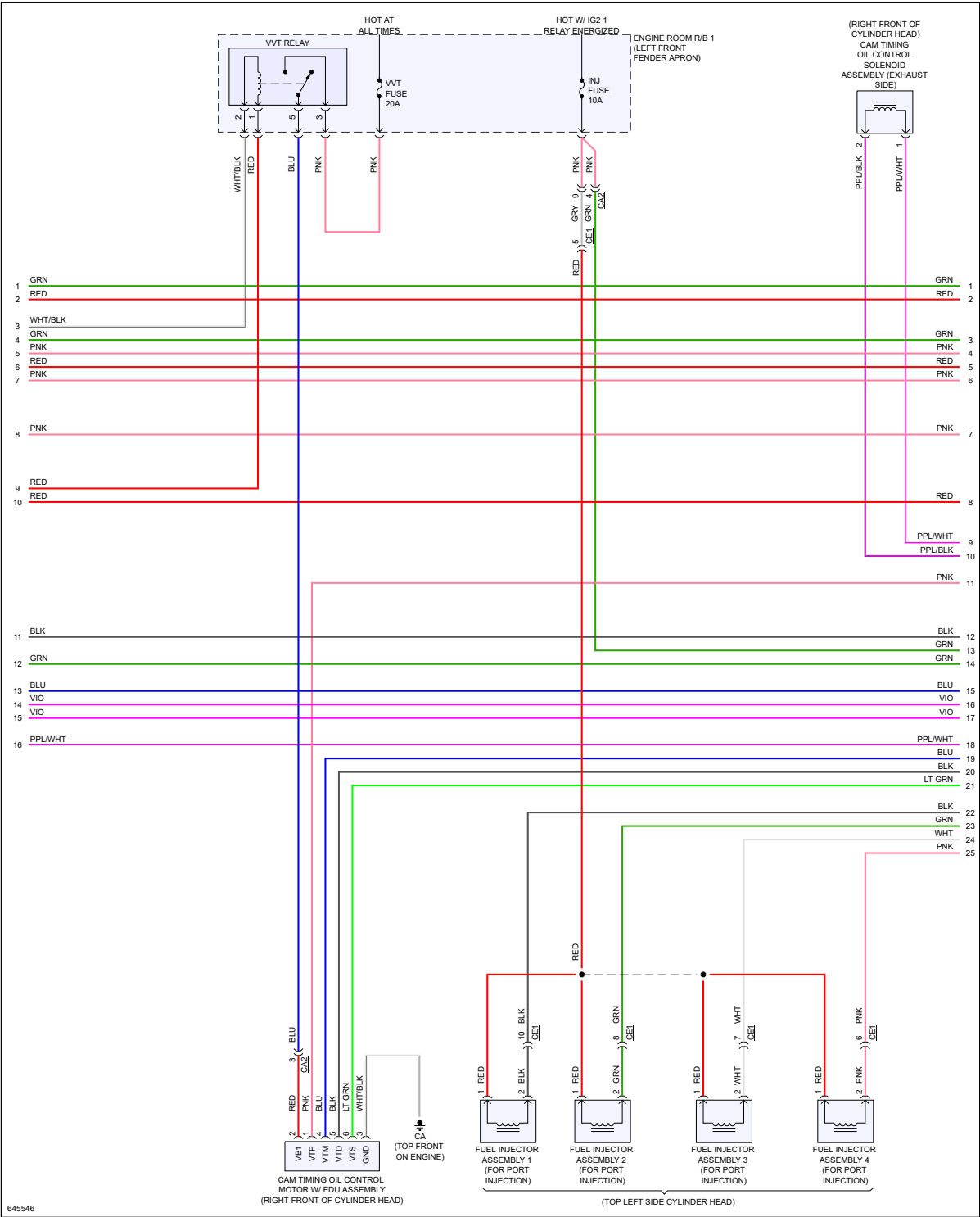


Fig 6: 2.5L Hybrid, Engine Controls Circuit (6 of 7)

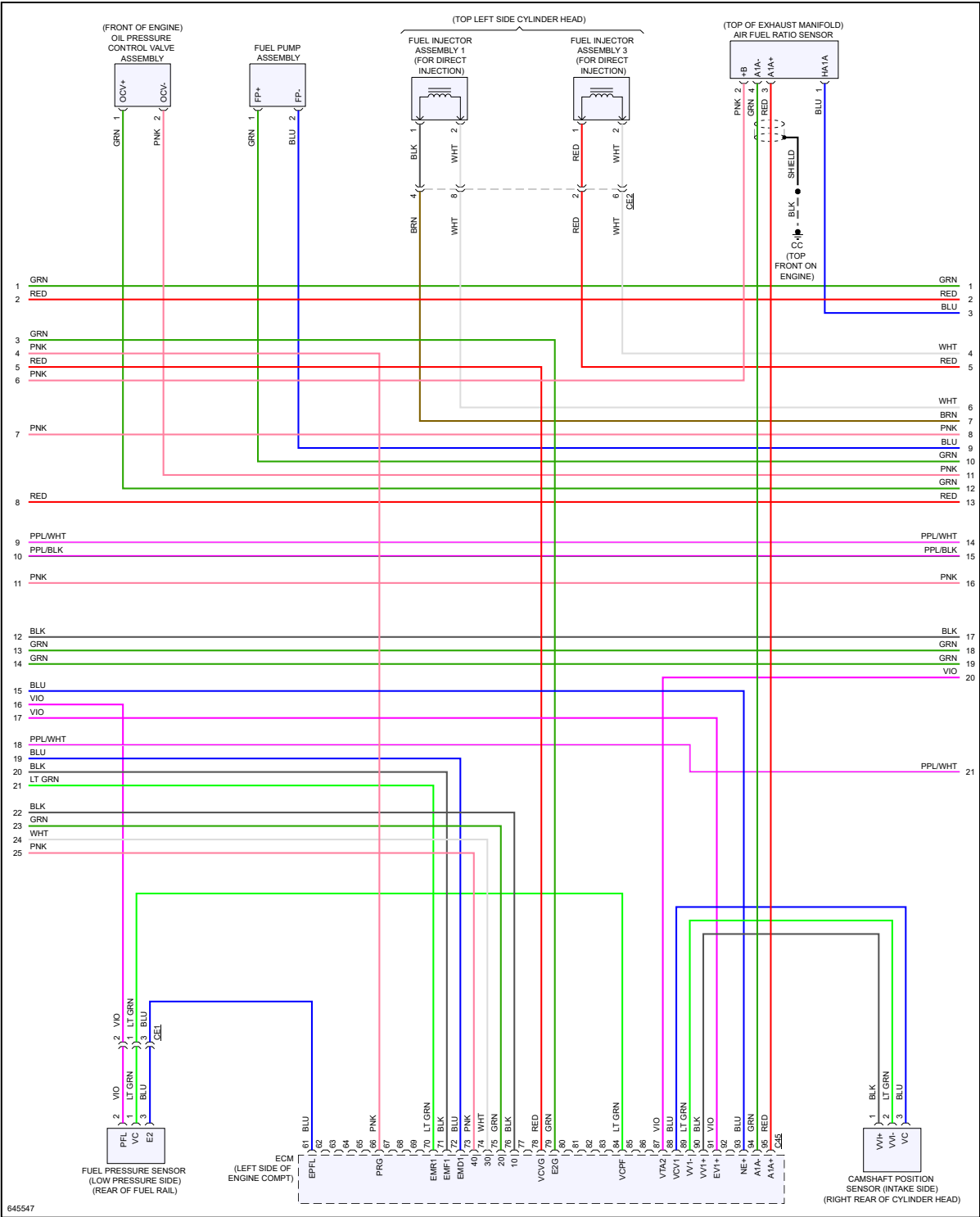


Fig 7: 2.5L Hybrid, Engine Controls Circuit (7 of 7)

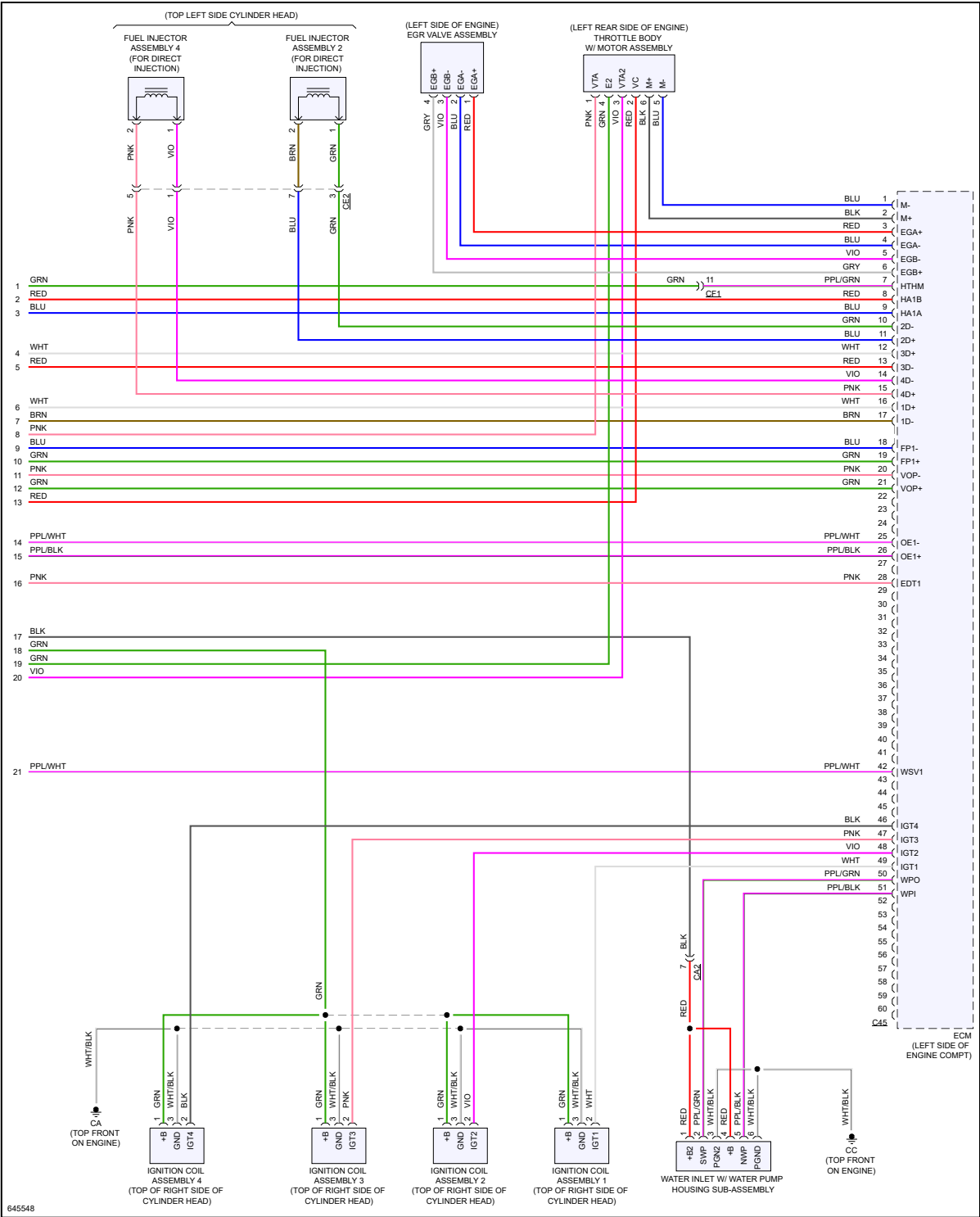


Fig 8: 2.5L Hybrid, Hybrid System Circuit (1 of 7)

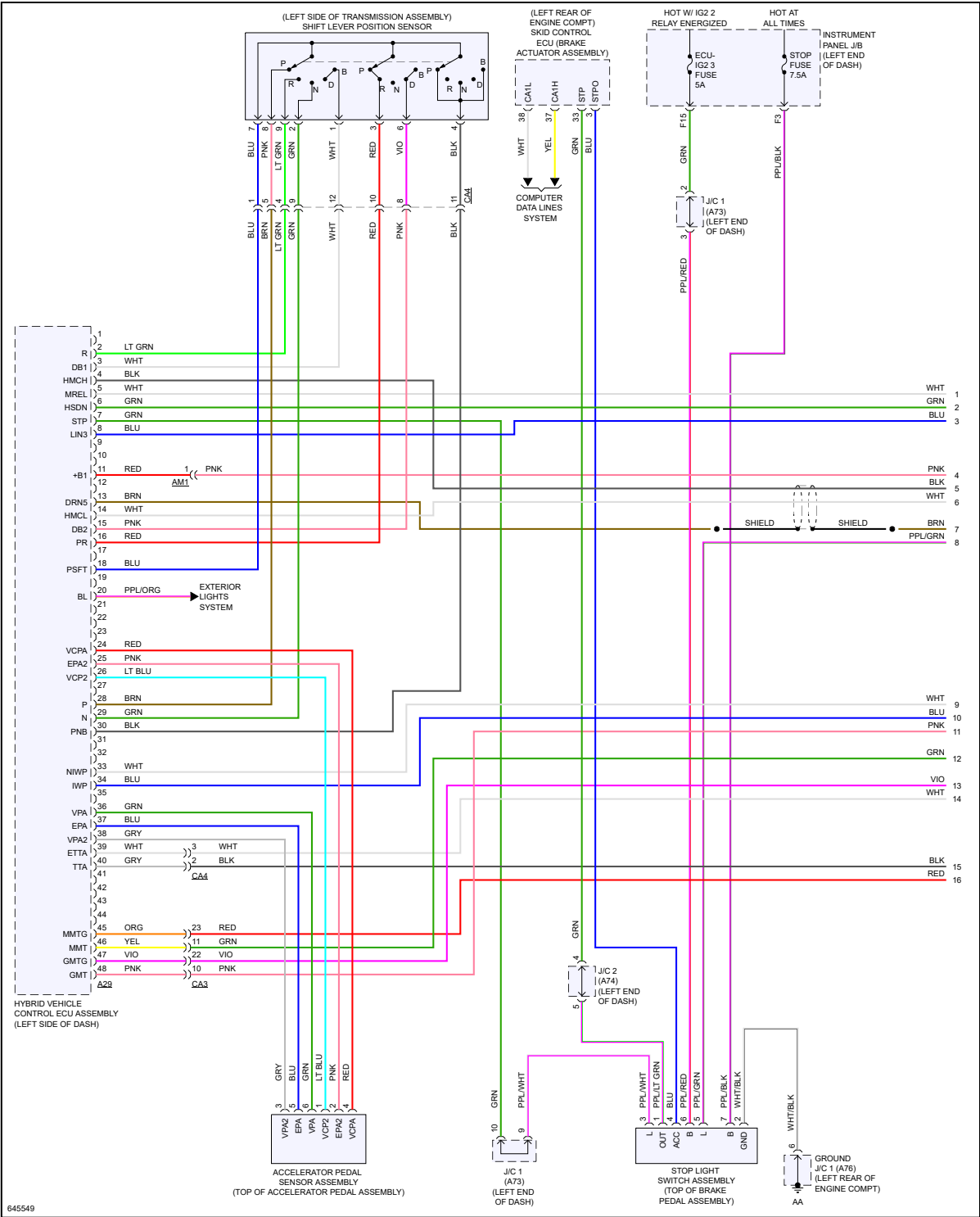




Fig 9: 2.5L Hybrid, Hybrid System Circuit (2 of 7)

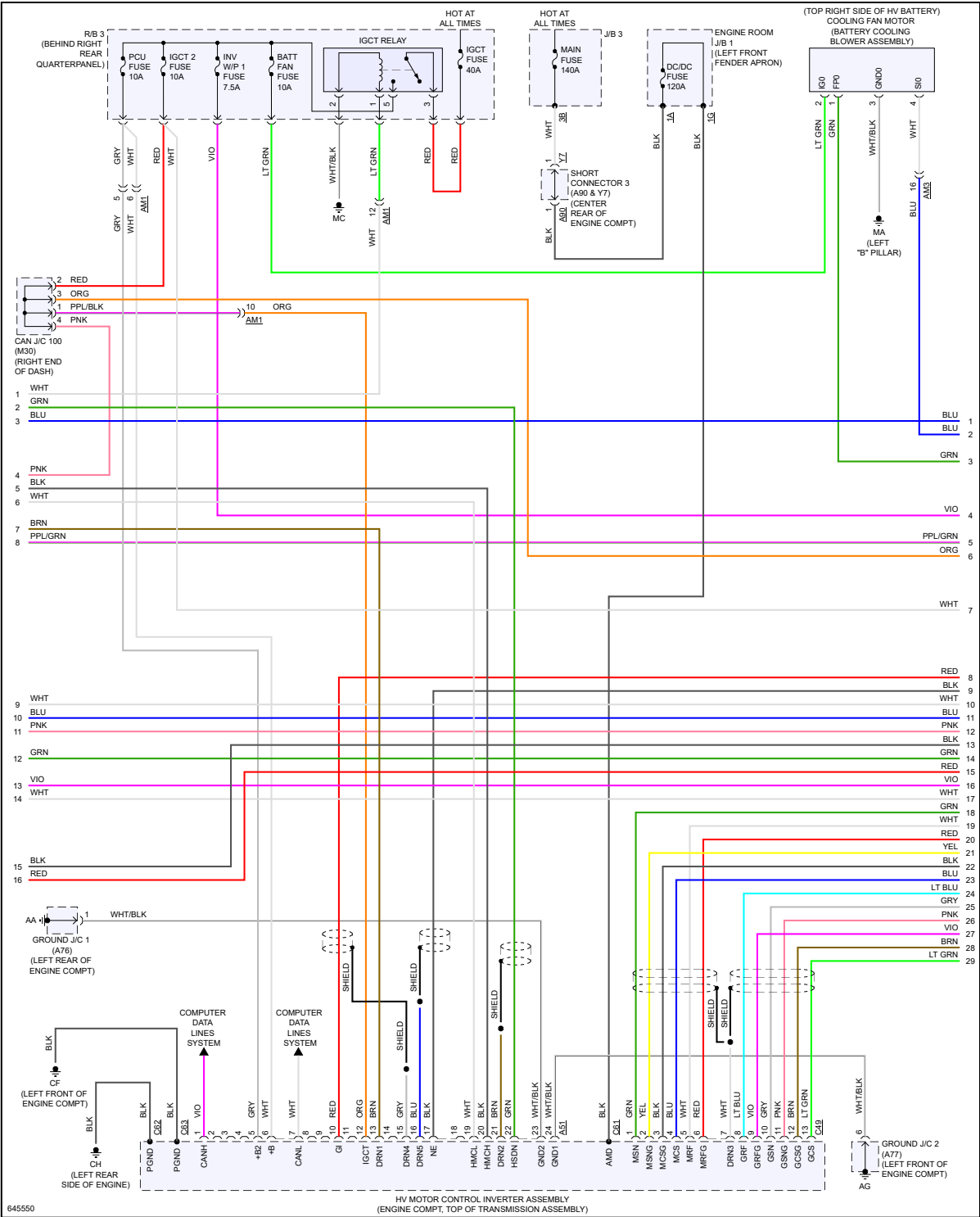


Fig 10: 2.5L Hybrid, Hybrid System Circuit (3 of 7)

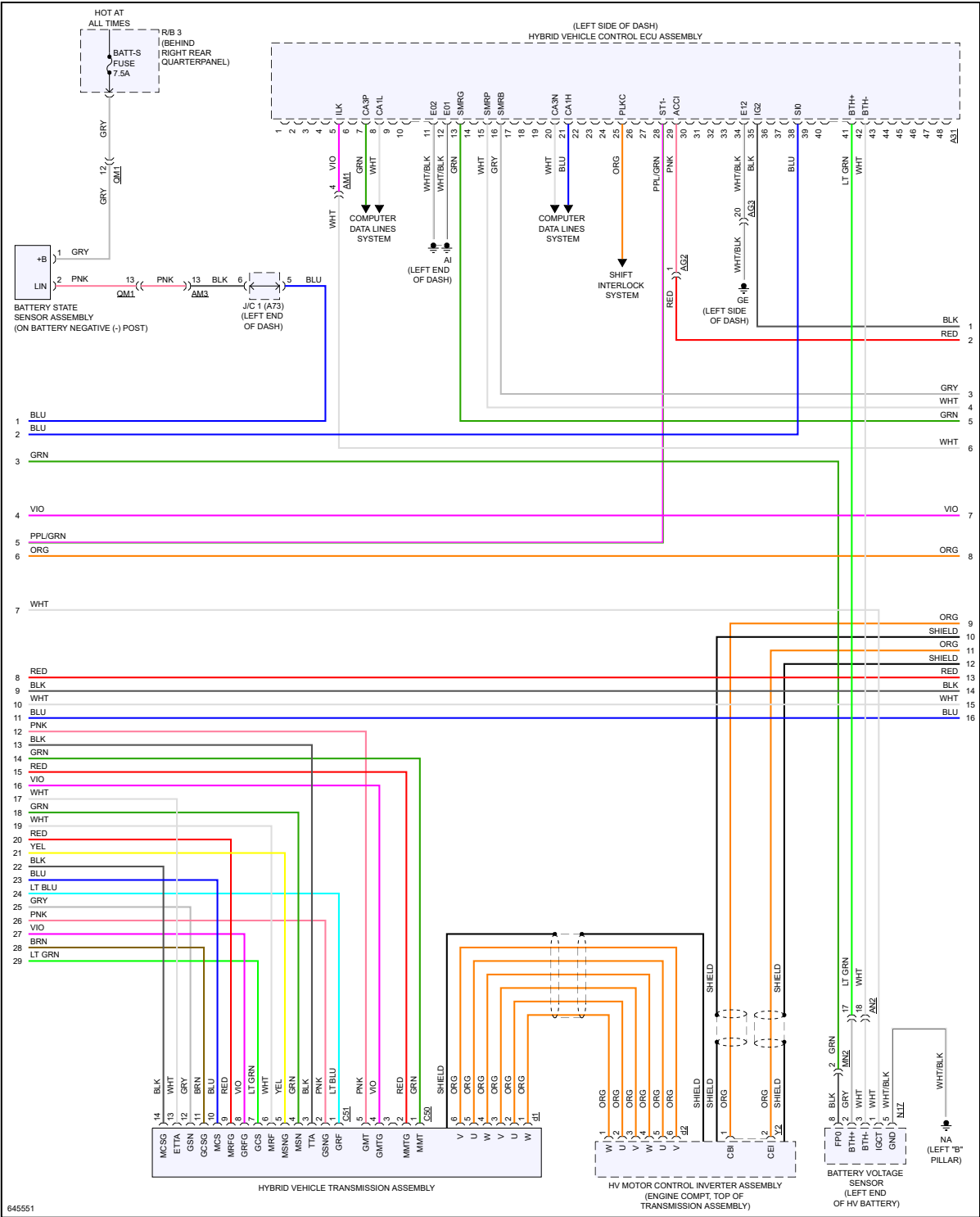


Fig 11: 2.5L Hybrid, Hybrid System Circuit (4 of 7)

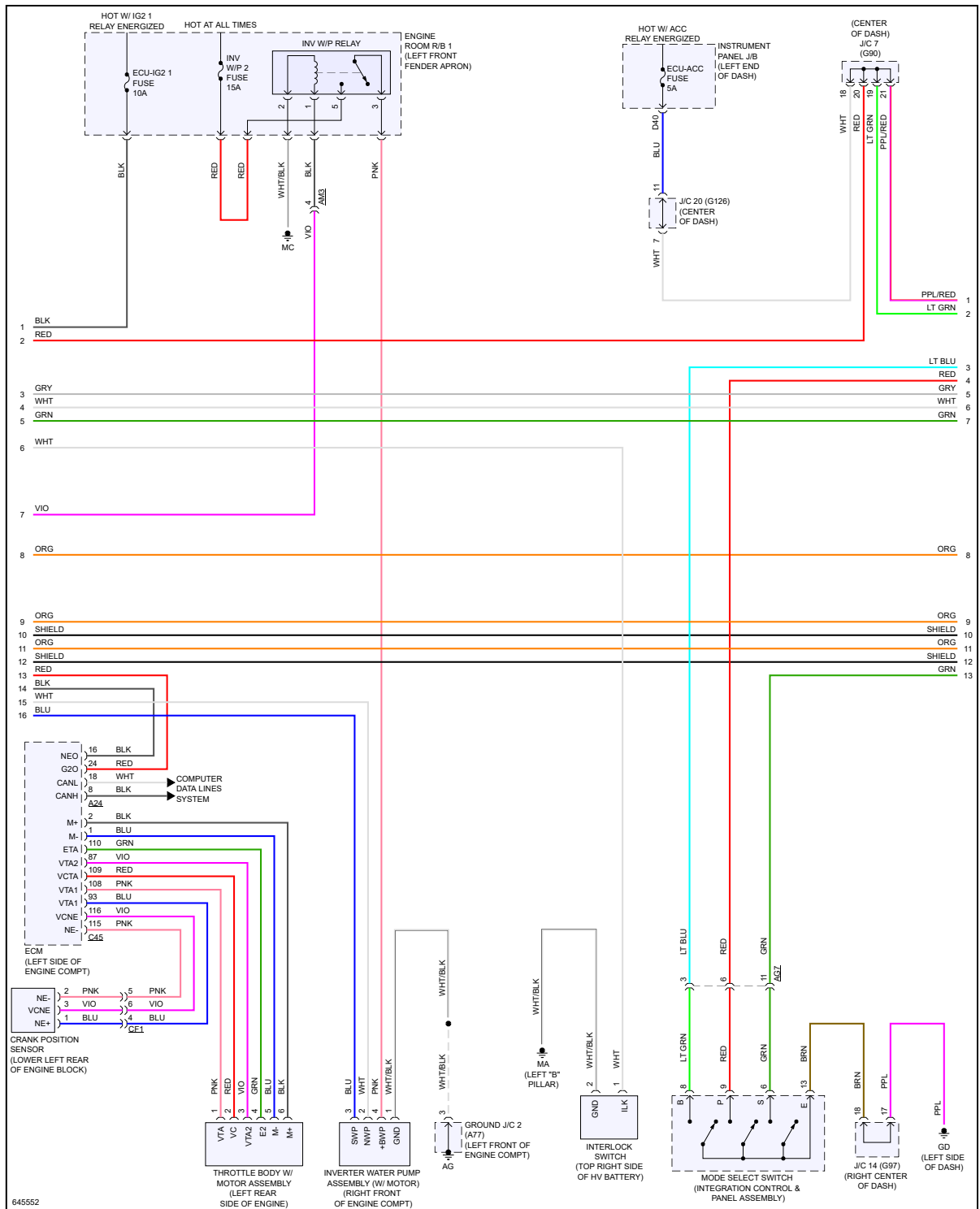


Fig 12: 2.5L Hybrid, Hybrid System Circuit (5 of 7)



Fig 13: 2.5L Hybrid, Hybrid System Circuit (6 of 7)

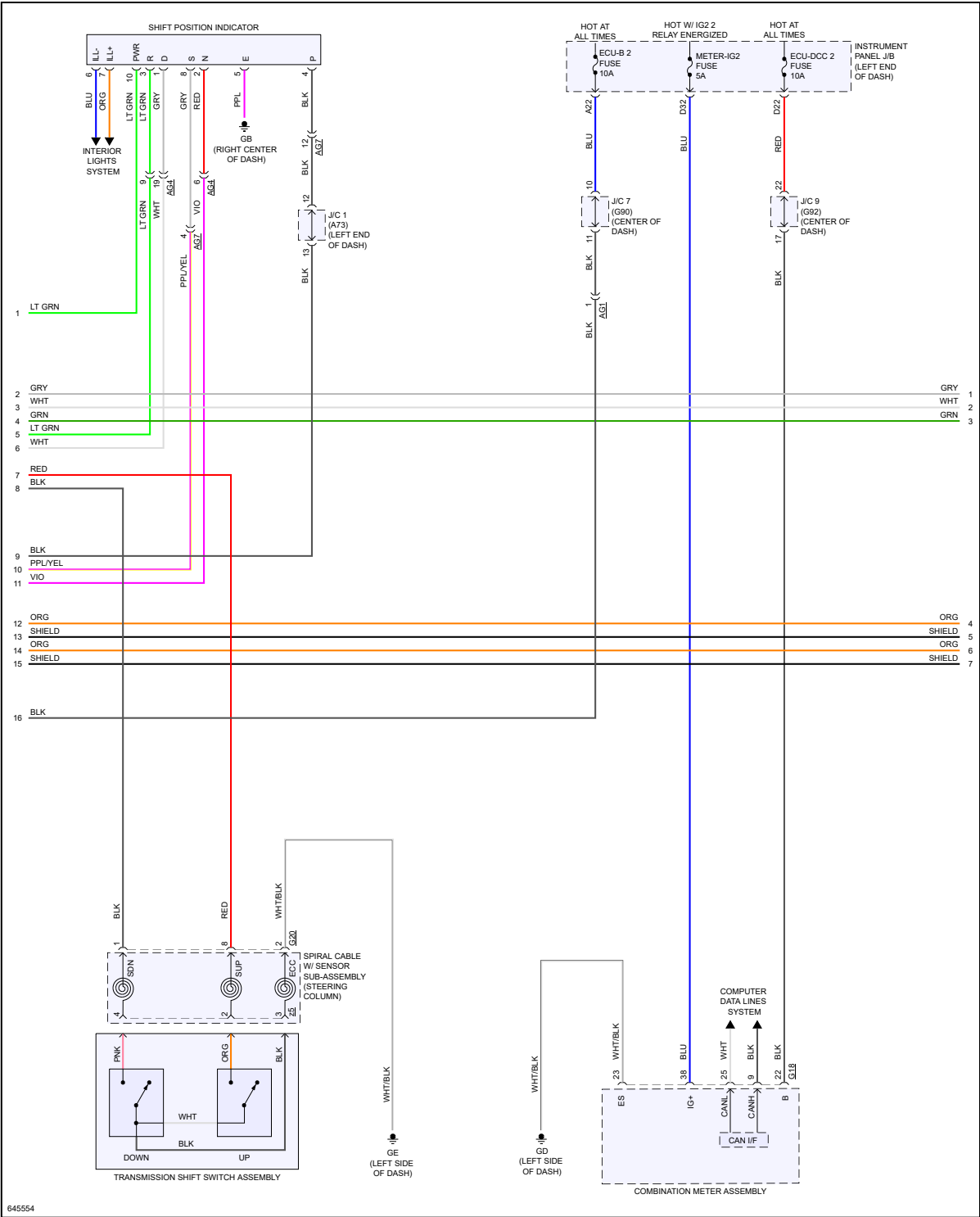
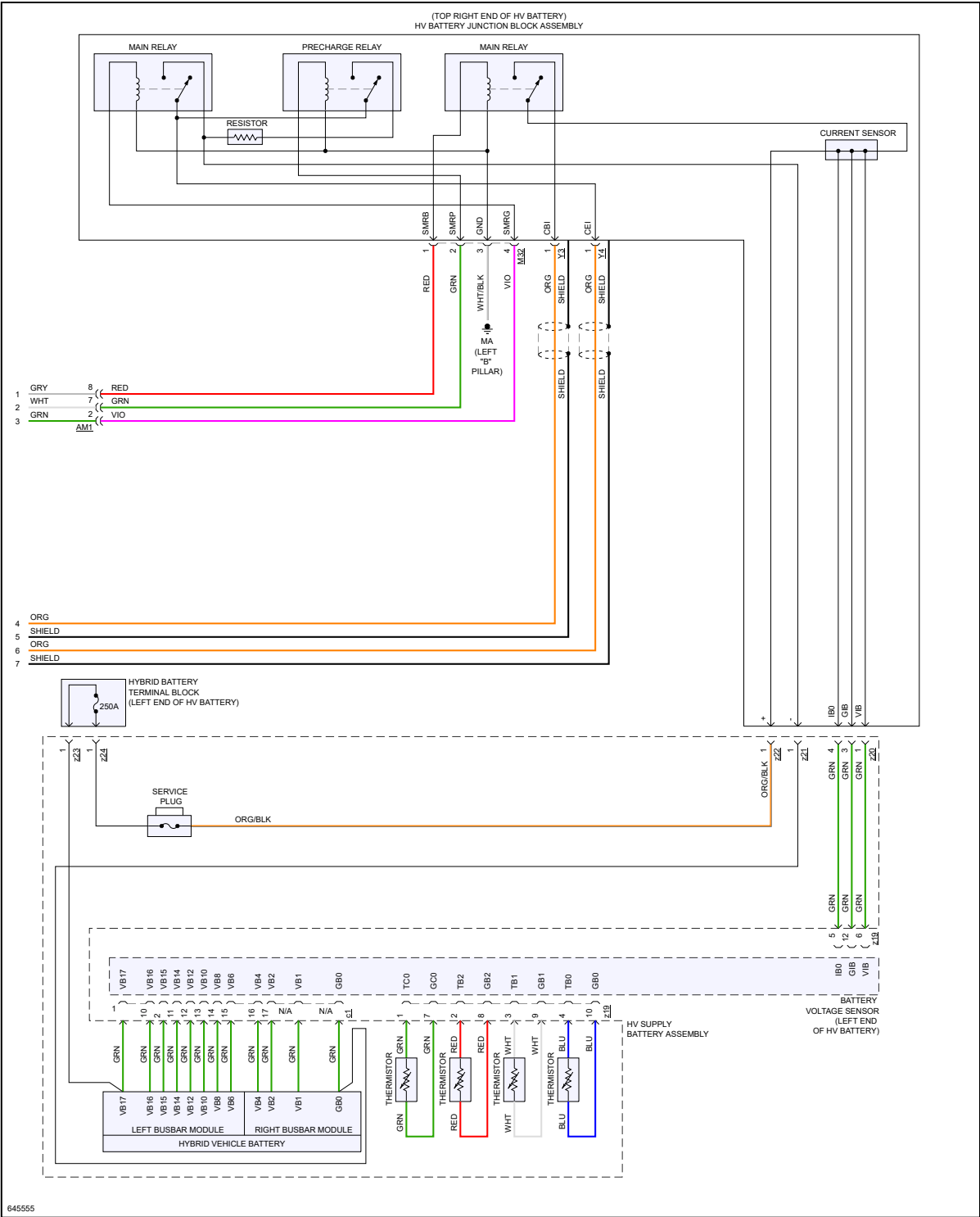
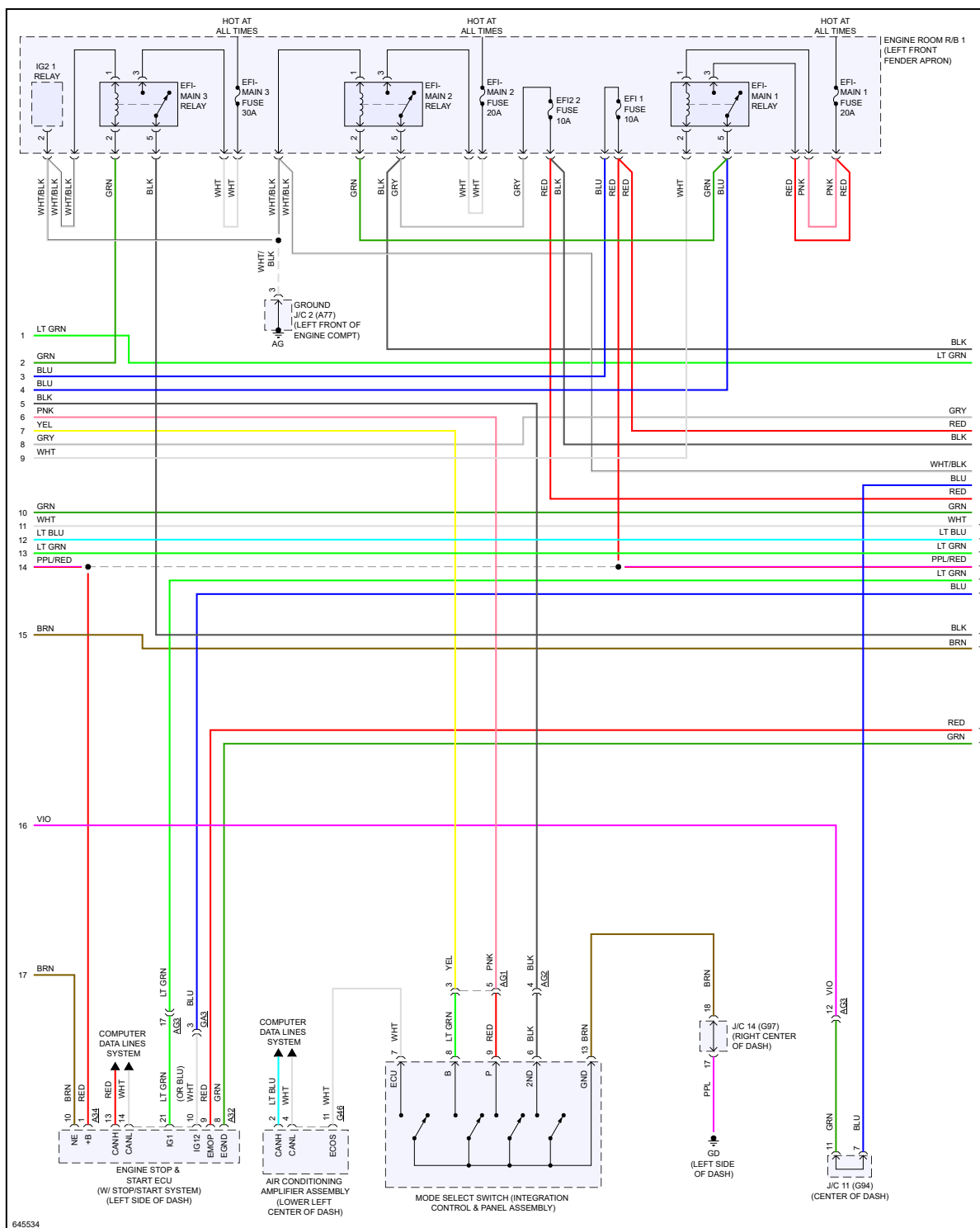


Fig 14: 2.5L Hybrid, Hybrid System Circuit (7 of 7)



[illegible]

Fig 16: 2.5L, Engine Performance Circuit (2 of 9)





The diagram illustrates the electrical wiring for a vehicle, showing connections between various components and their respective terminals. The components and their connections are as follows:

- REAR QUARTER PANEL (UPPER LEFT SIDE OF REAR QUARTER PANEL):**
  - ECU-IG2 3 FUSE 15A
  - STOP FUSE 7.5A
  - EPS-IG1 FUSE 5A
  - METER-IG2 FUSE 8A
- FUEL PUMP ASSEMBLY (FUEL TANK ASSEMBLY):**
  - BLK 2, BLU 2, GRN 4, BLU 3, BLU 1, BRN 1
- INSTRUMENT PANEL J/B (LEFT END OF DASH):**
  - VVT RELAY
  - VVT FUSE 20A
- ENGINE ROOM R/B 1 (LEFT FRONT FENDER APRON):**
  - VVT FUSE 20A
- Wiring Connections:**
  - BLK 1, LT GRN 13, WHT/BLK 3, BLU 2, GRN 3, BLK 4, BRN 1, BLU 1, GRN 2, BLU 3, BLU 4, BLU 5, BLU 6, BLU 7, BLU 8, BLU 9, BLU 10, BLU 11, BLU 12, BLU 13, BLU 14, BLU 15, BLU 16, BLU 17, BLU 18, BLU 19, BLU 20
  - GRY, RED, BLK, WHT/BLK, BLU, RED, GRN, WHT, LT BLU, LT GRN, PPL/RED, LT GRN, BLU, BLK, BRN, RED, GRN, LT BLU, PPL/WHT, WHT, PPL/LT GRN, GROUND, OUT, GND, ACC, L, B, BLK, BLU, WHT, VIO, PNK, CANH, CANL, STOP, STP2, SP1, CANH, CANL, VC, PINK, GRN, E2, ENK, KINK

Fig 18: 2.5L, Engine Performance Circuit (4 of 9)

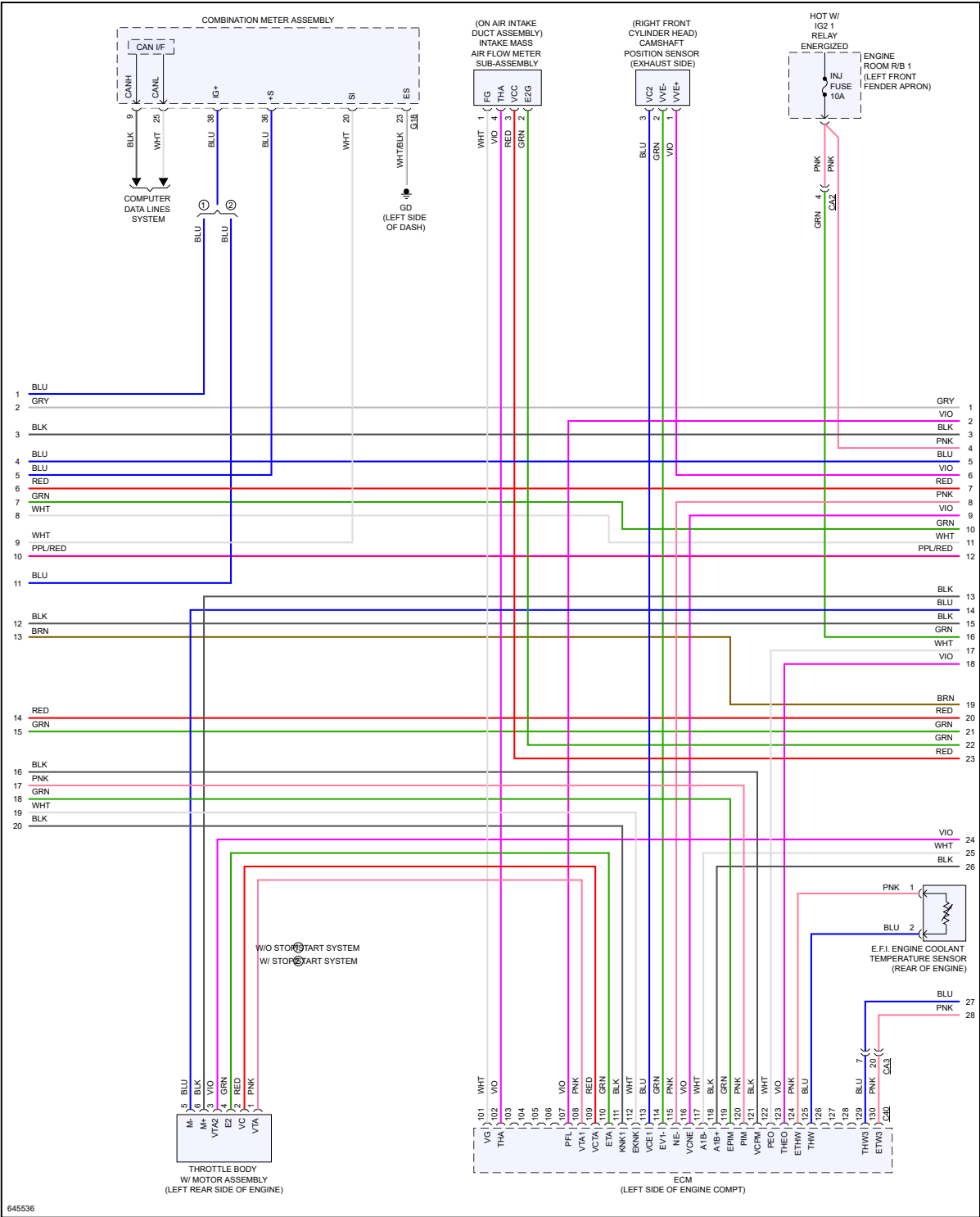


Fig 19: 2.5L, Engine Performance Circuit (5 of 9)

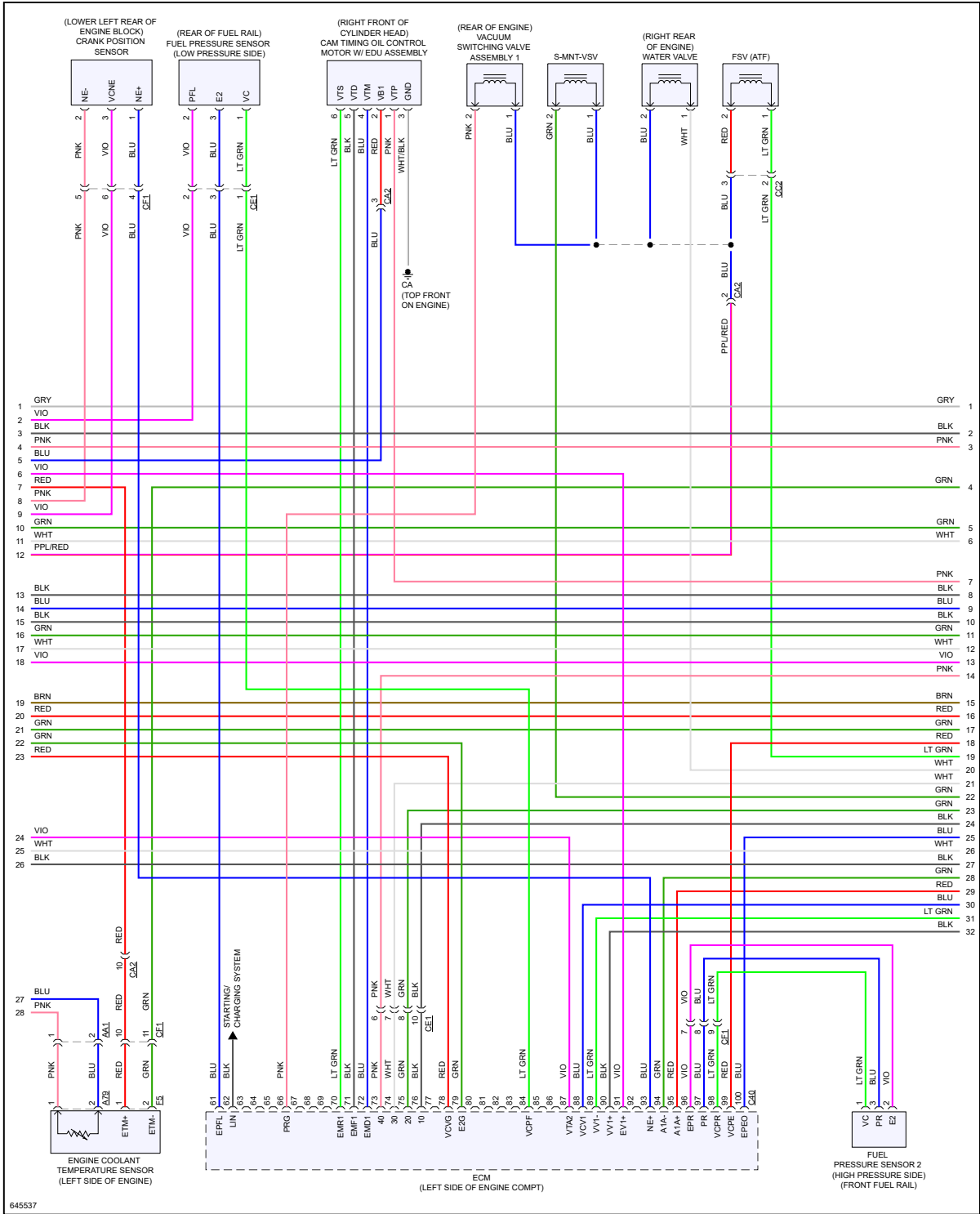


Fig 20: 2.5L, Engine Performance Circuit (6 of 9)

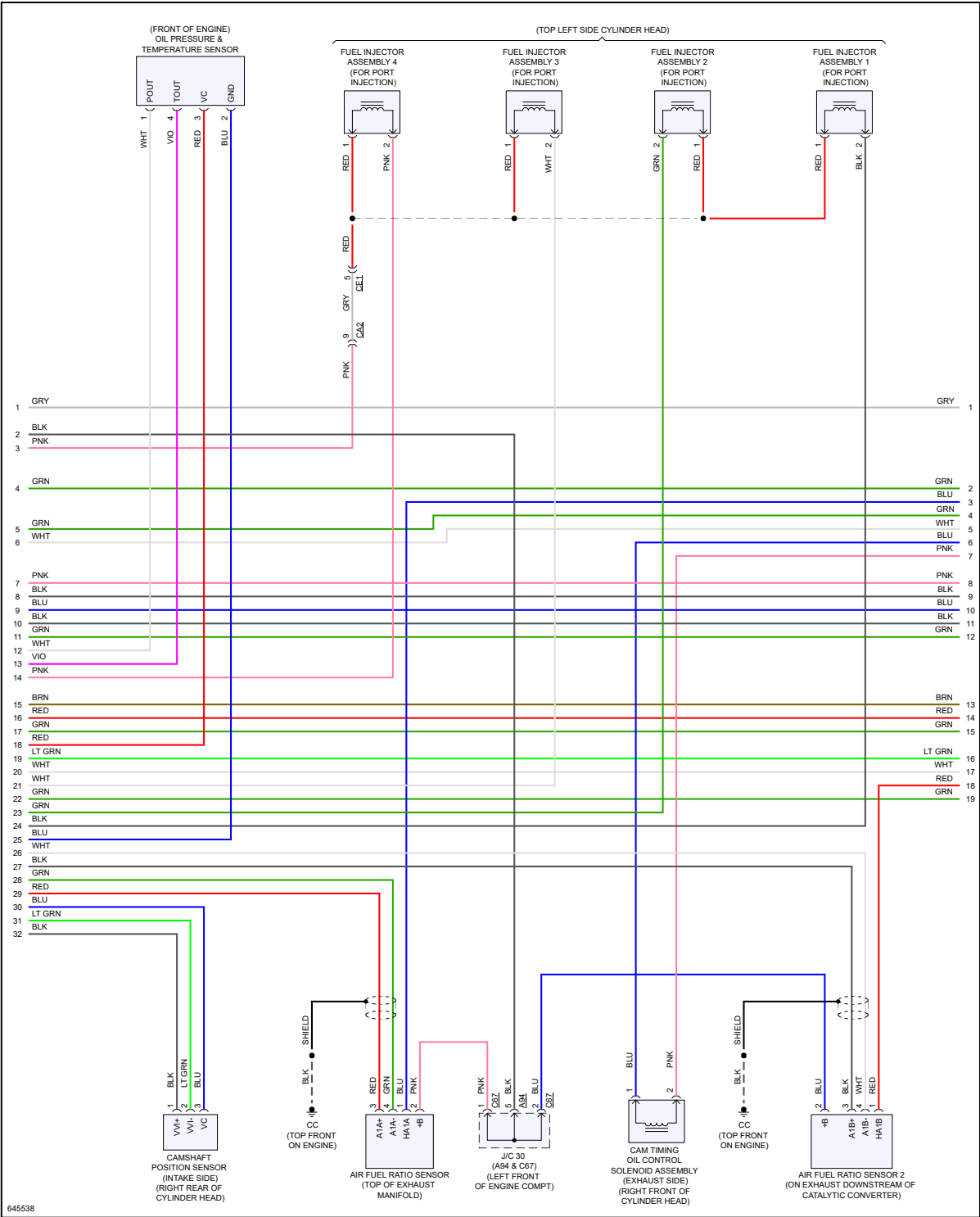


Fig 21: 2.5L, Engine Performance Circuit (7 of 9)

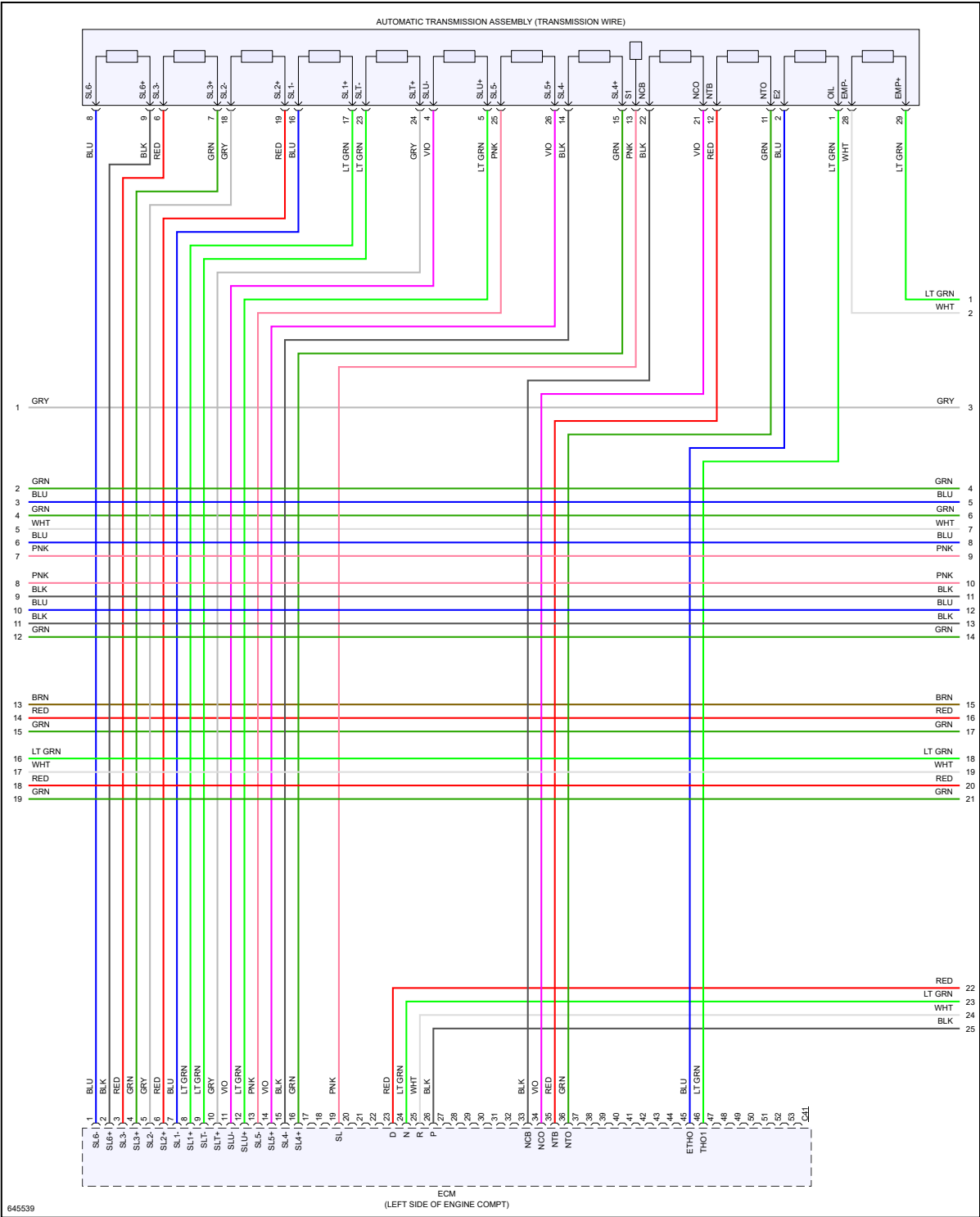


Fig 22: 2.5L, Engine Performance Circuit (8 of 9)

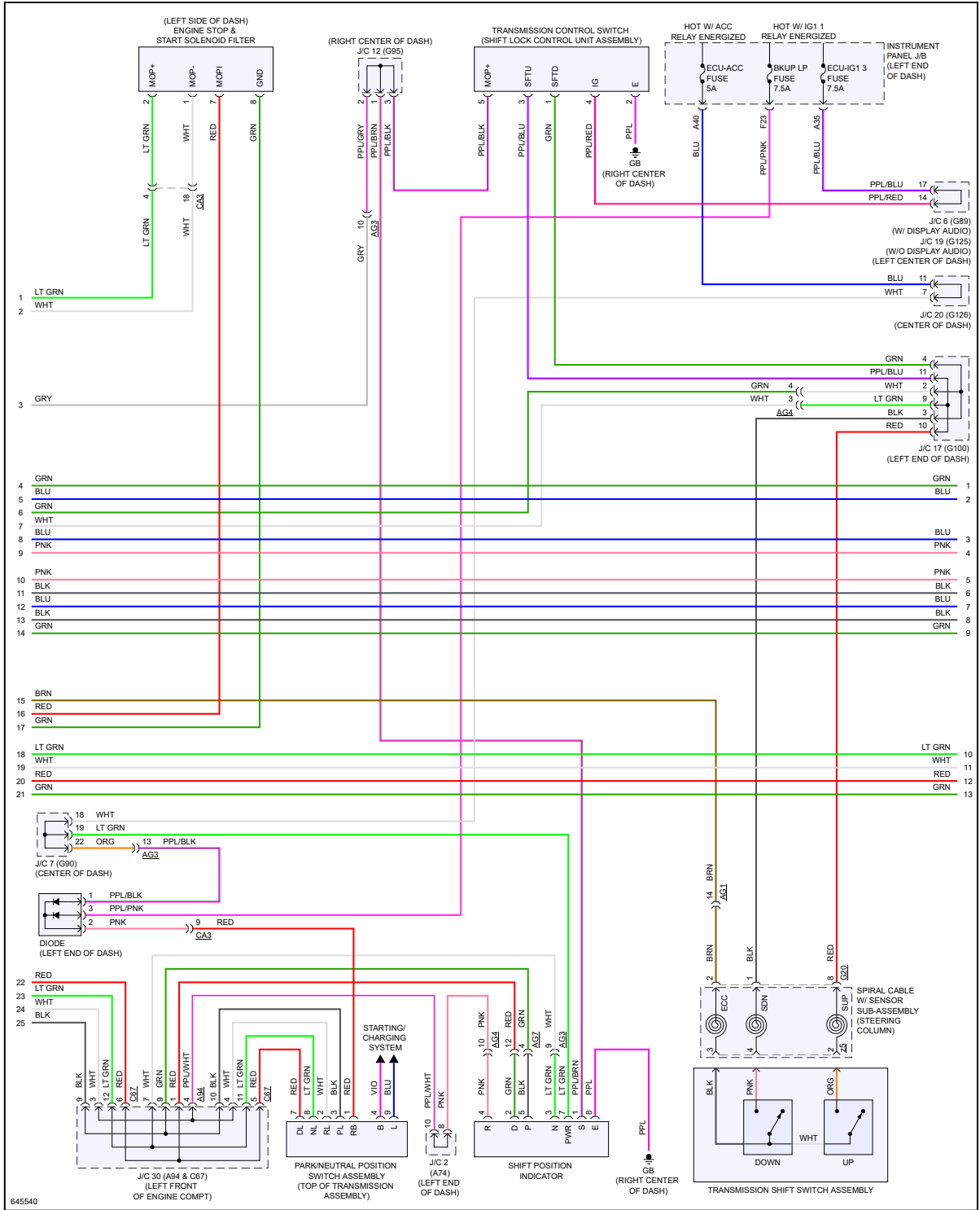


Fig 23: 2.5L, Engine Performance Circuit (9 of 9)

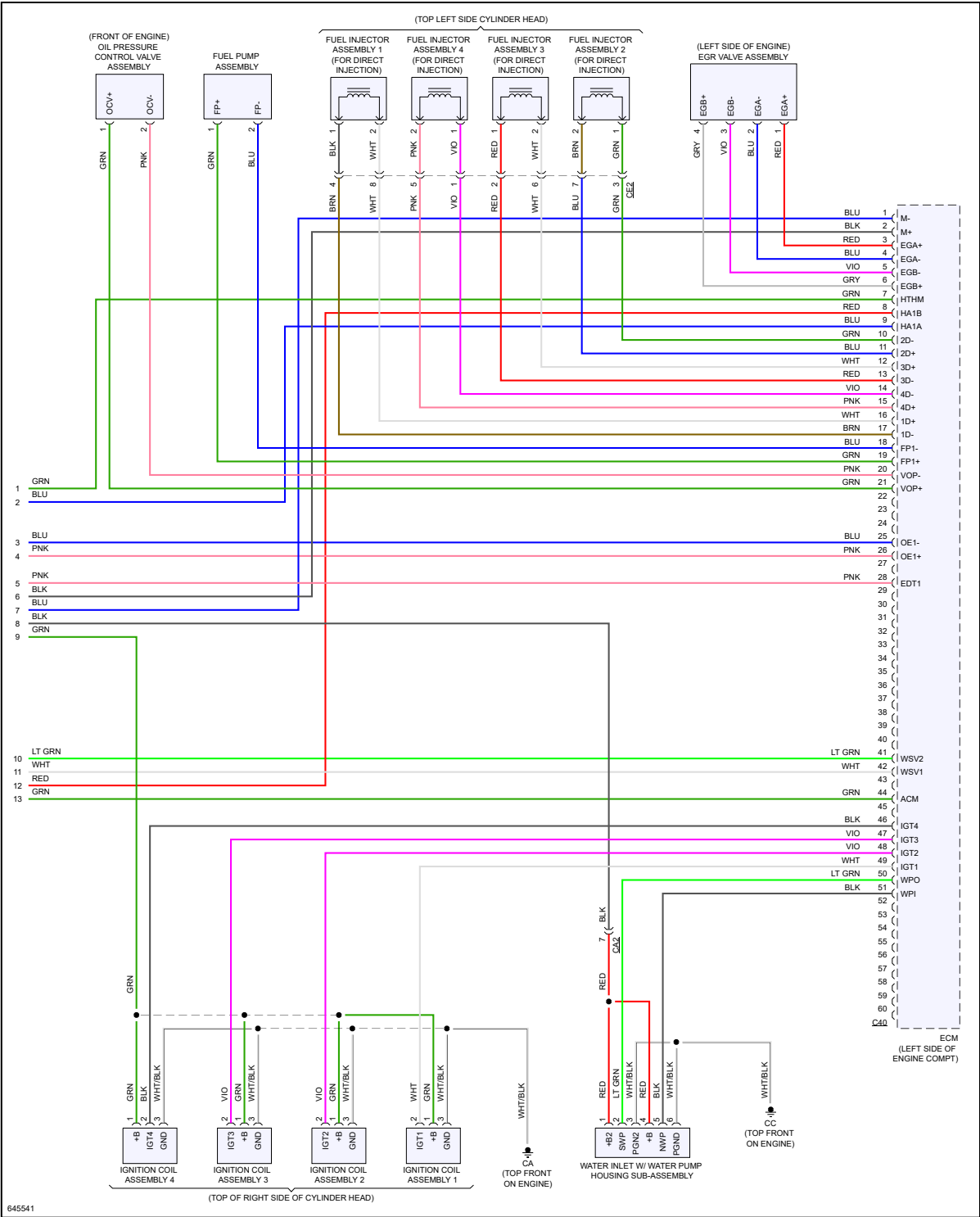


Fig 24: Automatic A/C Circuit (1 of 3)

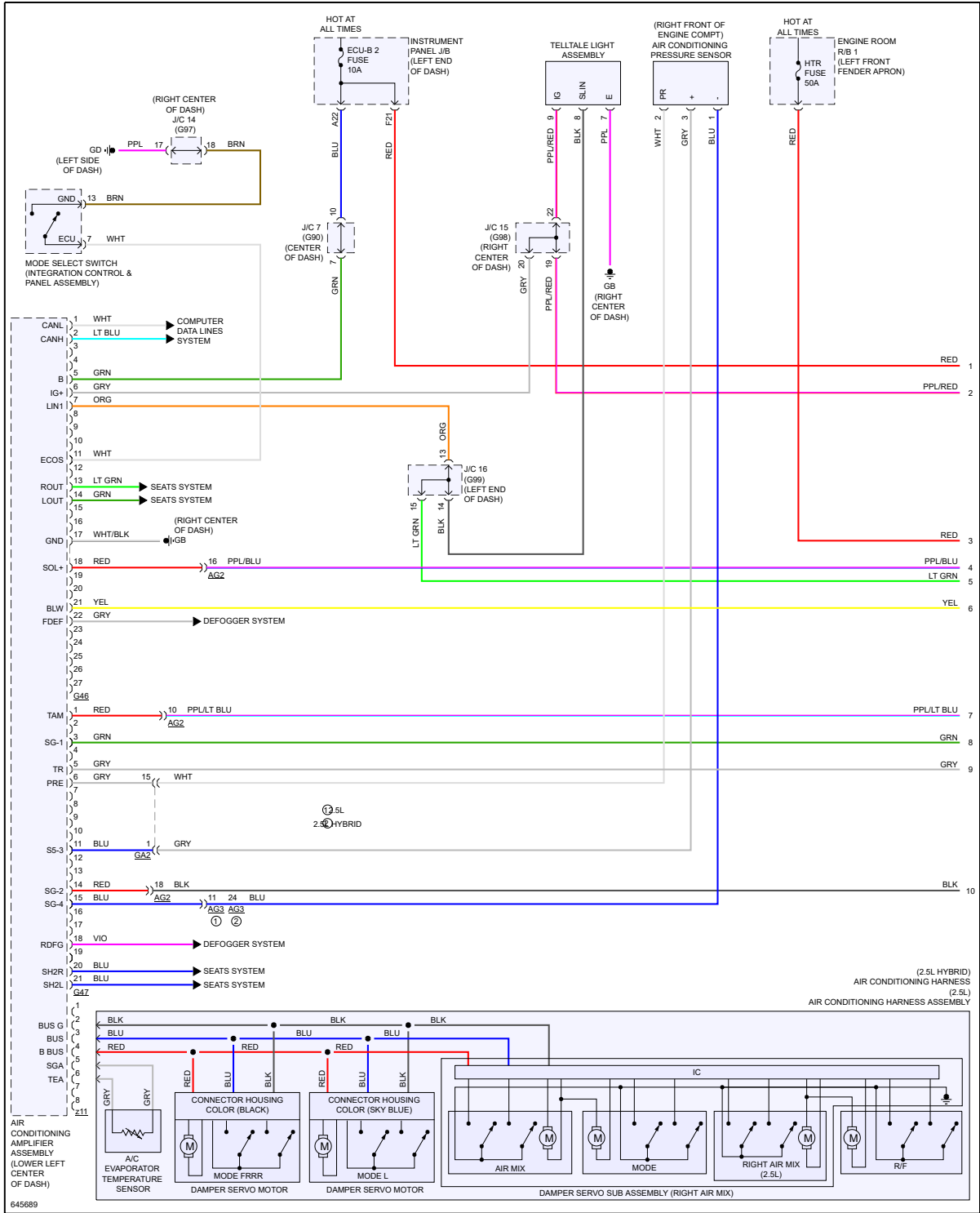




Fig 25: Automatic A/C Circuit (2 of 3)

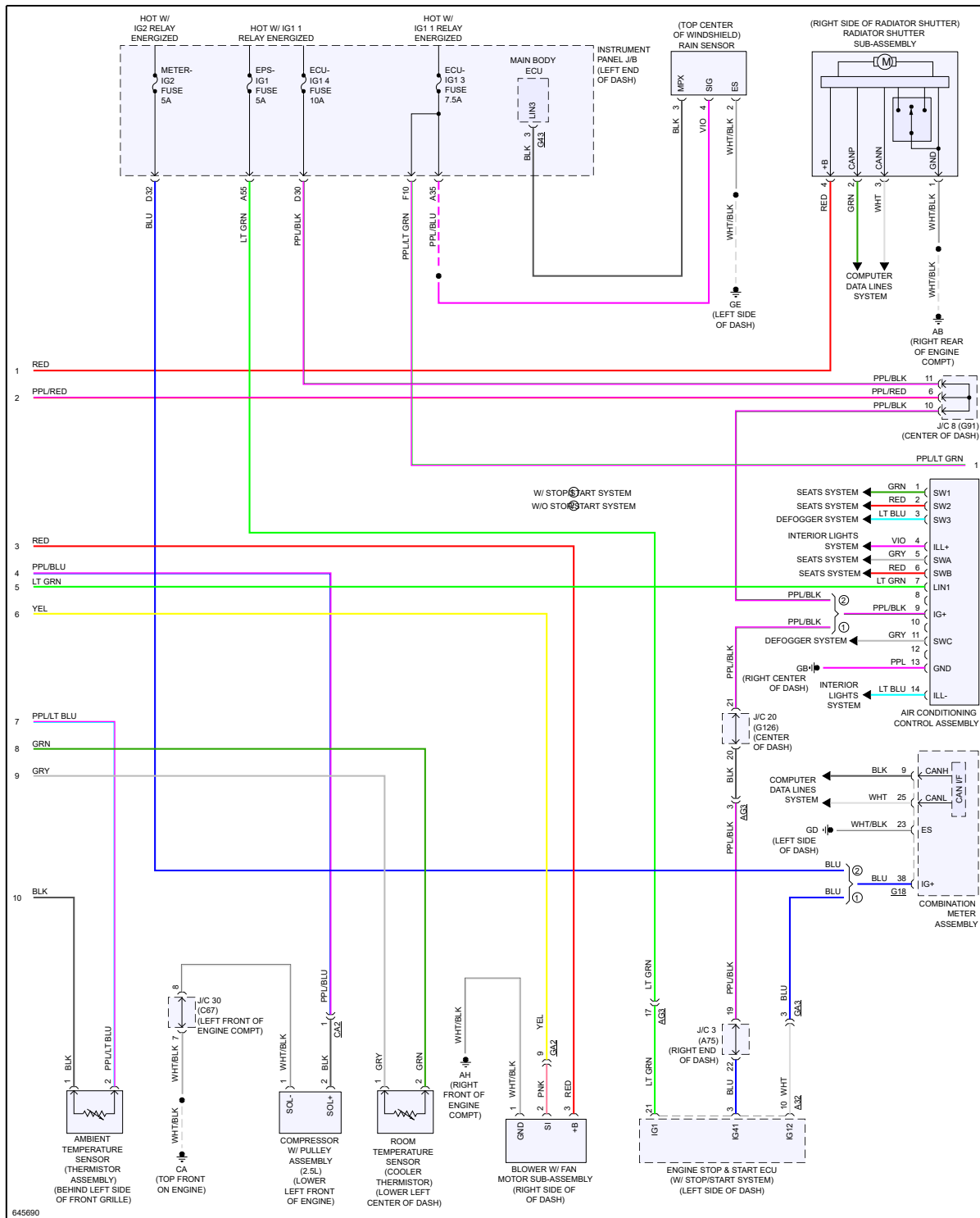


Fig 26: Automatic A/C Circuit (3 of 3)

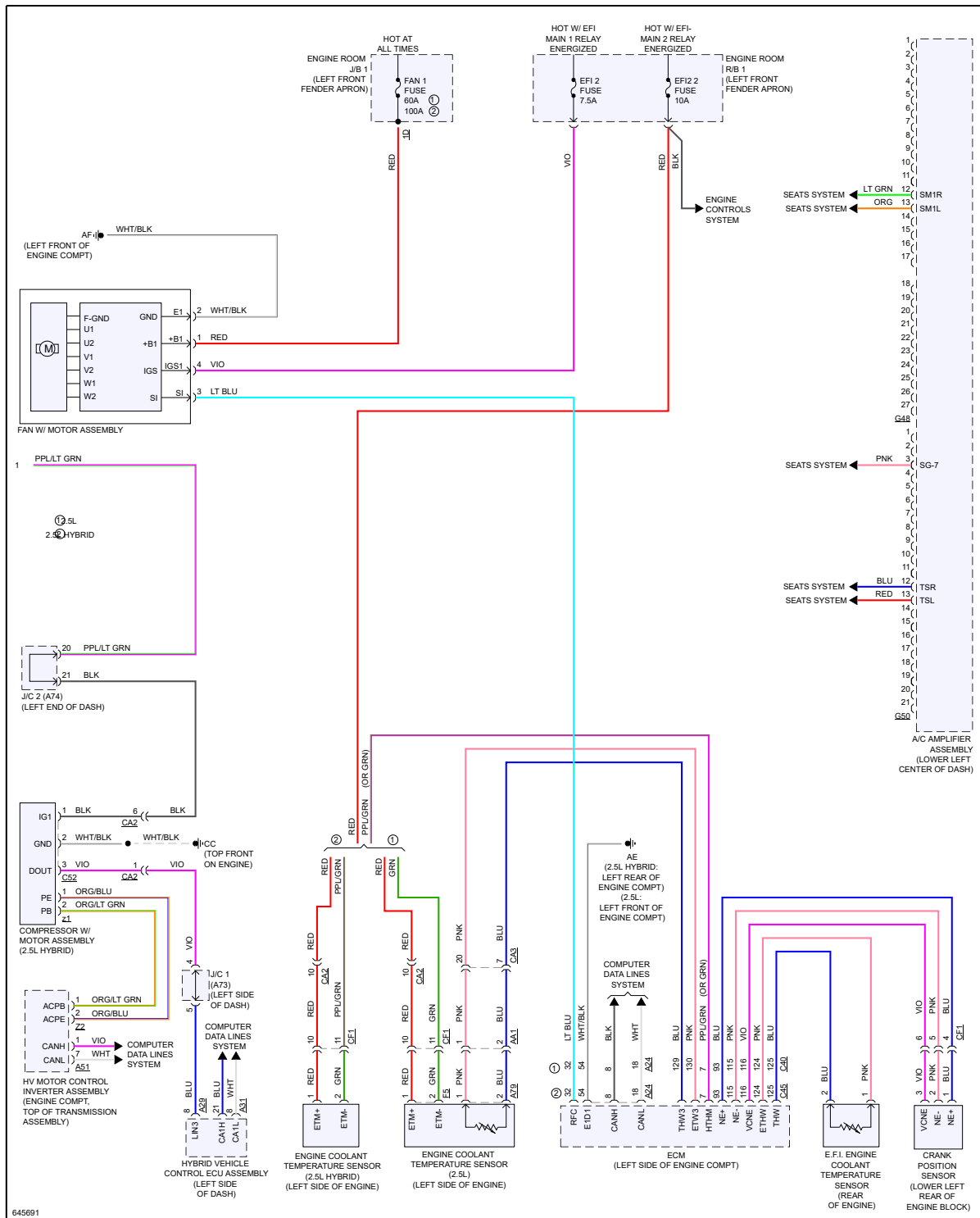
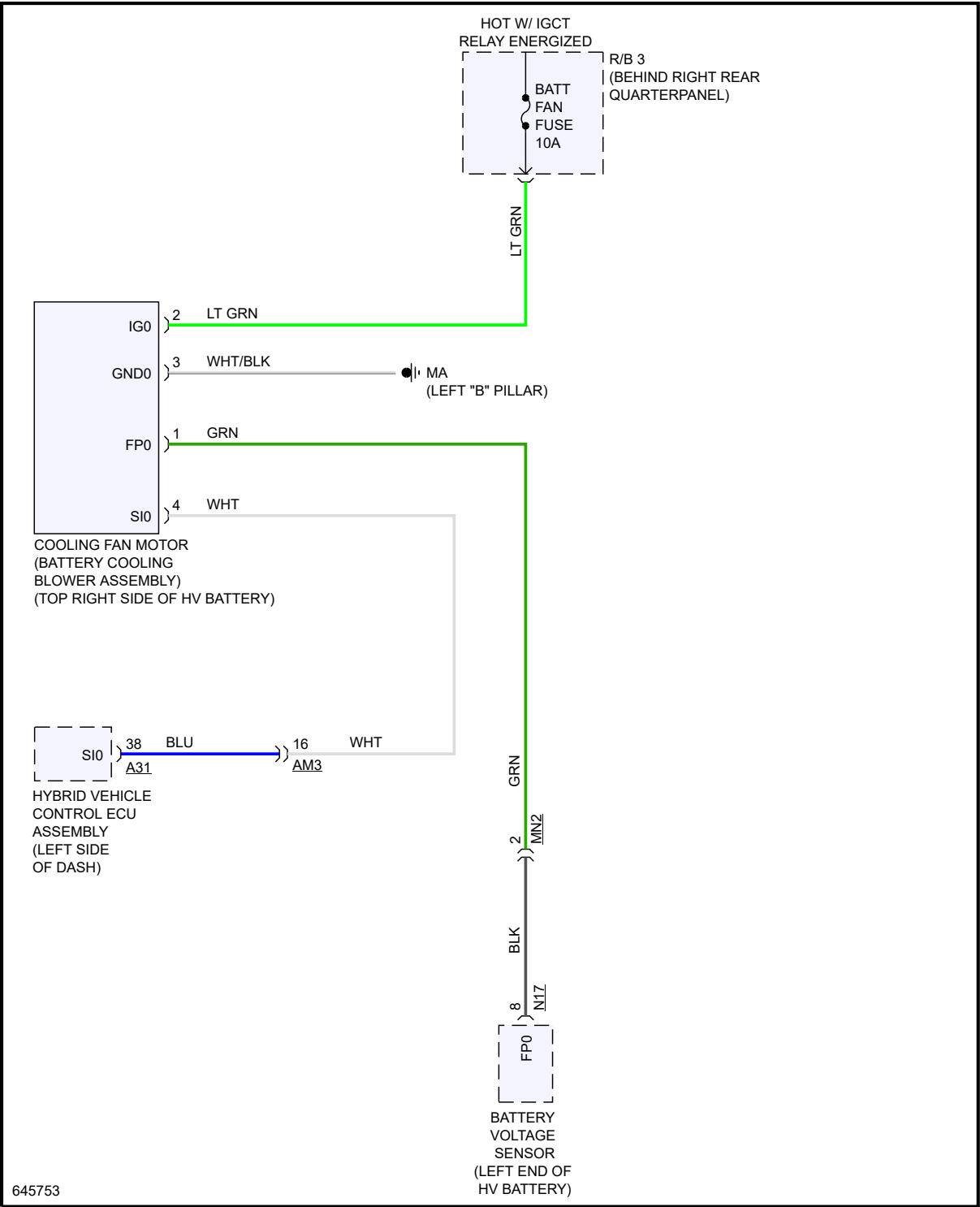


Fig 27: Battery Cooling Fan Circuit



**Wiring Diagram for 645752**

**Legend:**

- RED: HOT AT ALL TIMES
- VIO: HOT W/ E.F.I. MAIN 1 RELAY ENERGIZED
- BLU: HOT W/ E.F.I. MAIN 2 RELAY ENERGIZED

**Engine Room R/B 1 (Left Front Fender Apron)**

- FAN 1 FUSE 60A 100A
- EF1 2 FUSE 7.5A
- EF12 2 FUSE 10A

**Engine Controls System**

**Engine Coolant Temperature Sensor (Hybrid) (Left Side of Engine)**

- ETM+ 1 RED
- ETM- 2 GRN

**Engine Coolant Temperature Sensor (Except Hybrid) (Left Side of Engine)**

- ETM+ 1 RED
- ETM- 2 GRN

**Crank Position Sensor (Lower Left Rear of Engine Block)**

- VNE 3 VIO
- NE- 2 PPK
- NE+ 1 BLU

**E.F.I. Engine Coolant Temperature Sensor (Rear of Engine)**

- 1 PPK
- 2 BLU

**Engine Control Unit (ECU) Connections:**

- WHT/BLK: (LEFT FRONT OF ENGINE COMPT)
- WHT/BLK: (EXCEPT HYBRID: LEFT FRONT OF ENGINE COMPT) (HYBRID: LEFT REAR OF ENGINE COMPT)
- WHT/BLK: 54 54 E1D1 RFC
- LT BLU 32 32
- Δ24 Δ24
- (OR GRN) PPL/GRN 7 7 HTHM
- PNK 20 130 ETW3
- BLU 7 129 THW3
- CA3
- VIO 116 116 VONE
- PNK 115 115 NE-
- BLU 93 93 NE+
- PNK 124 124 ETHW
- BLU 125 125 THW
- CA3 CA3
- BLK 8 8 CANH
- WHT 19 19 CANL
- Δ24 Δ24
- ② ① ECM (LEFT SIDE OF ENGINE COMPT)

**Computer Data Lines:**

- WHT/BLK: (LEFT FRONT OF ENGINE COMPT)
- WHT/BLK: (EXCEPT HYBRID: LEFT FRONT OF ENGINE COMPT) (HYBRID: LEFT REAR OF ENGINE COMPT)

**645752**

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