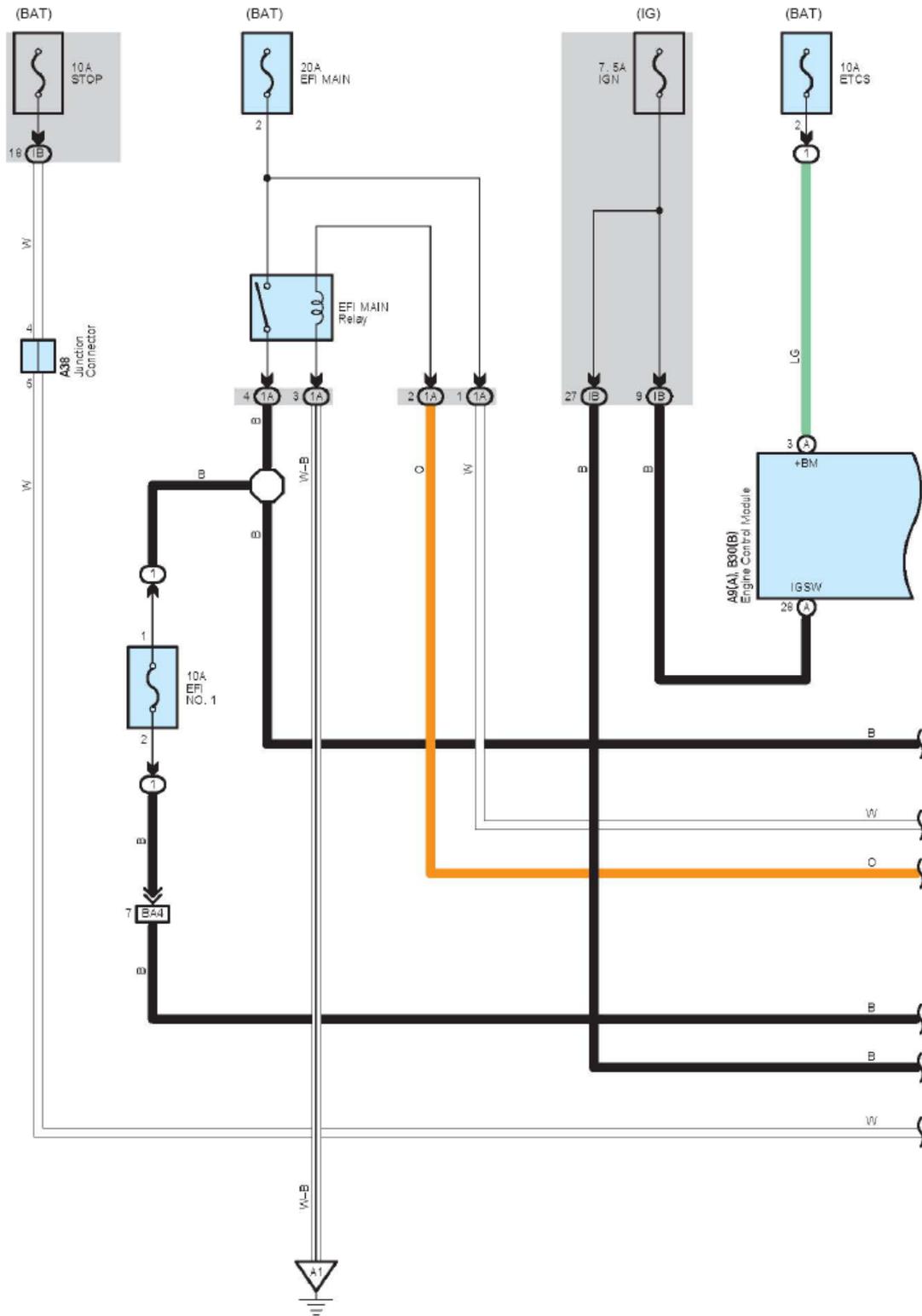
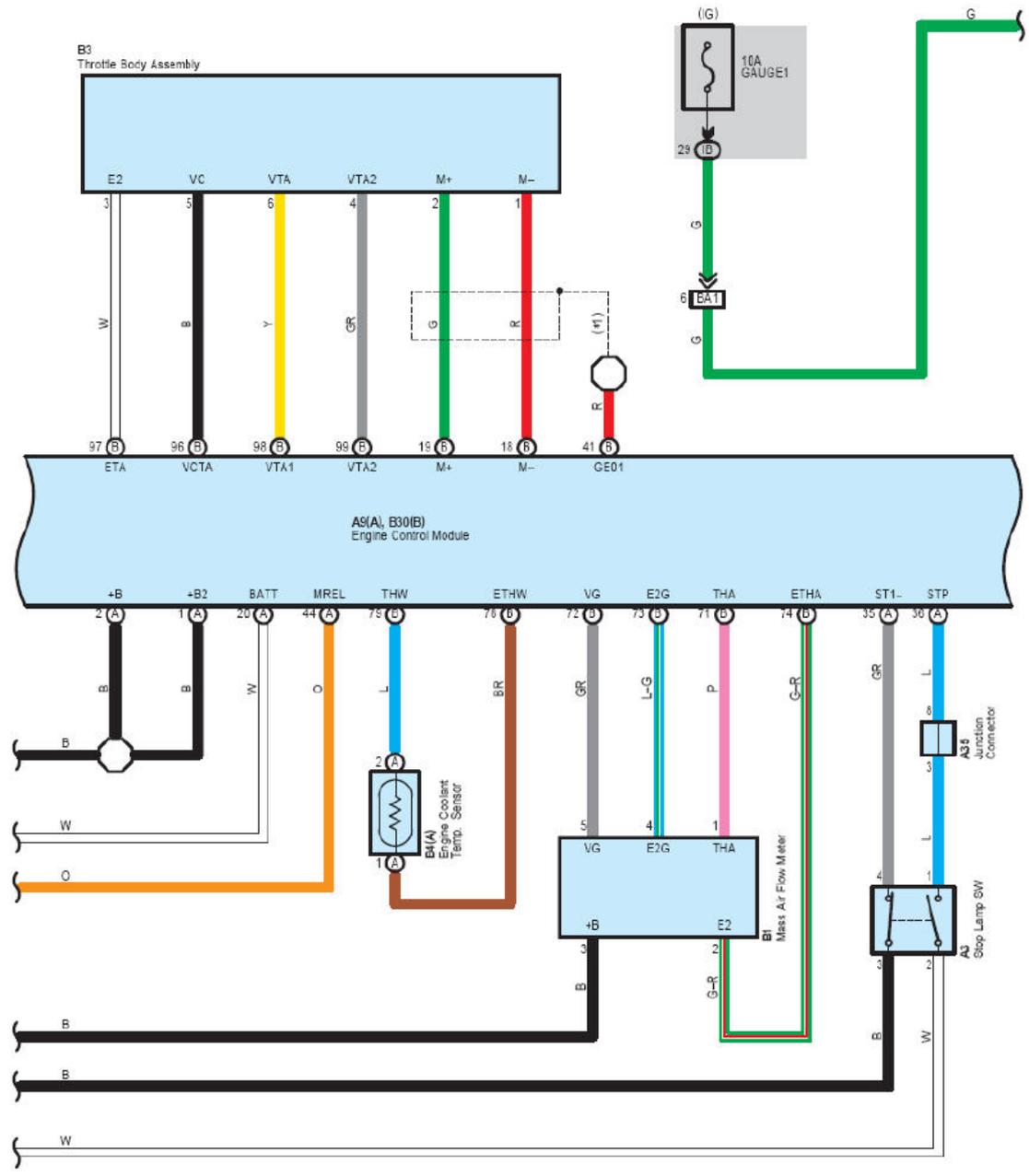
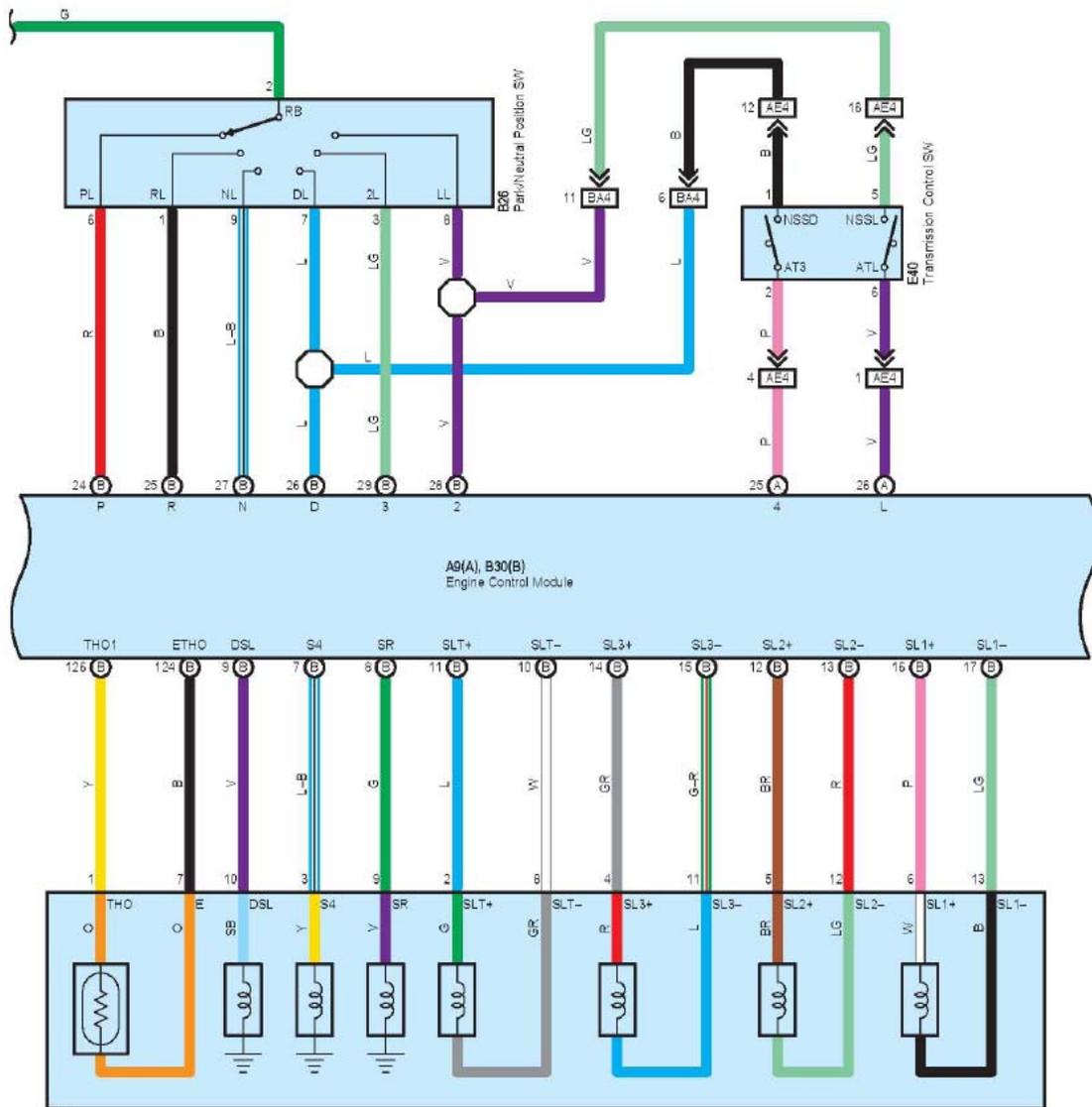


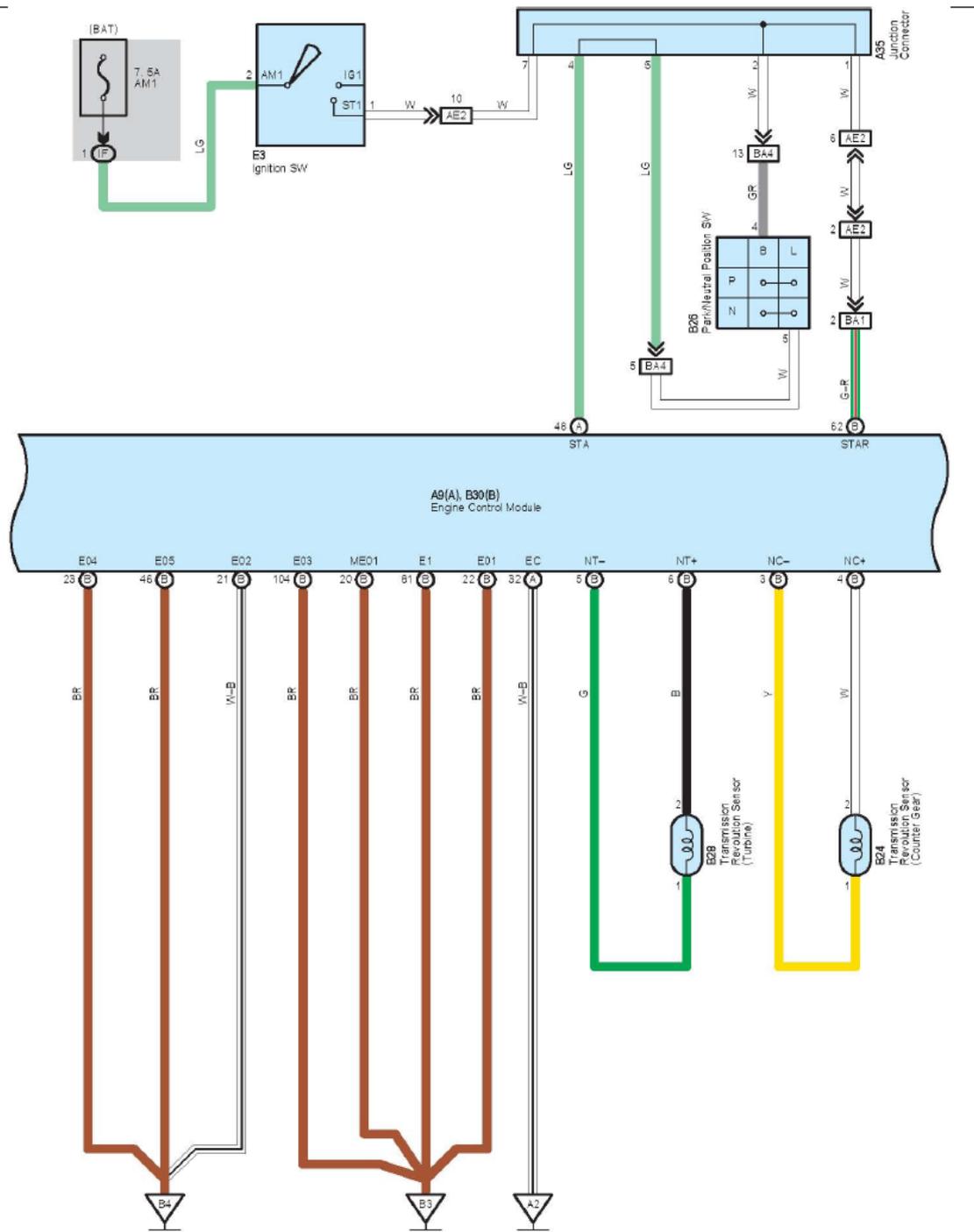
ECT and A/T Indicator for 2GR-FE

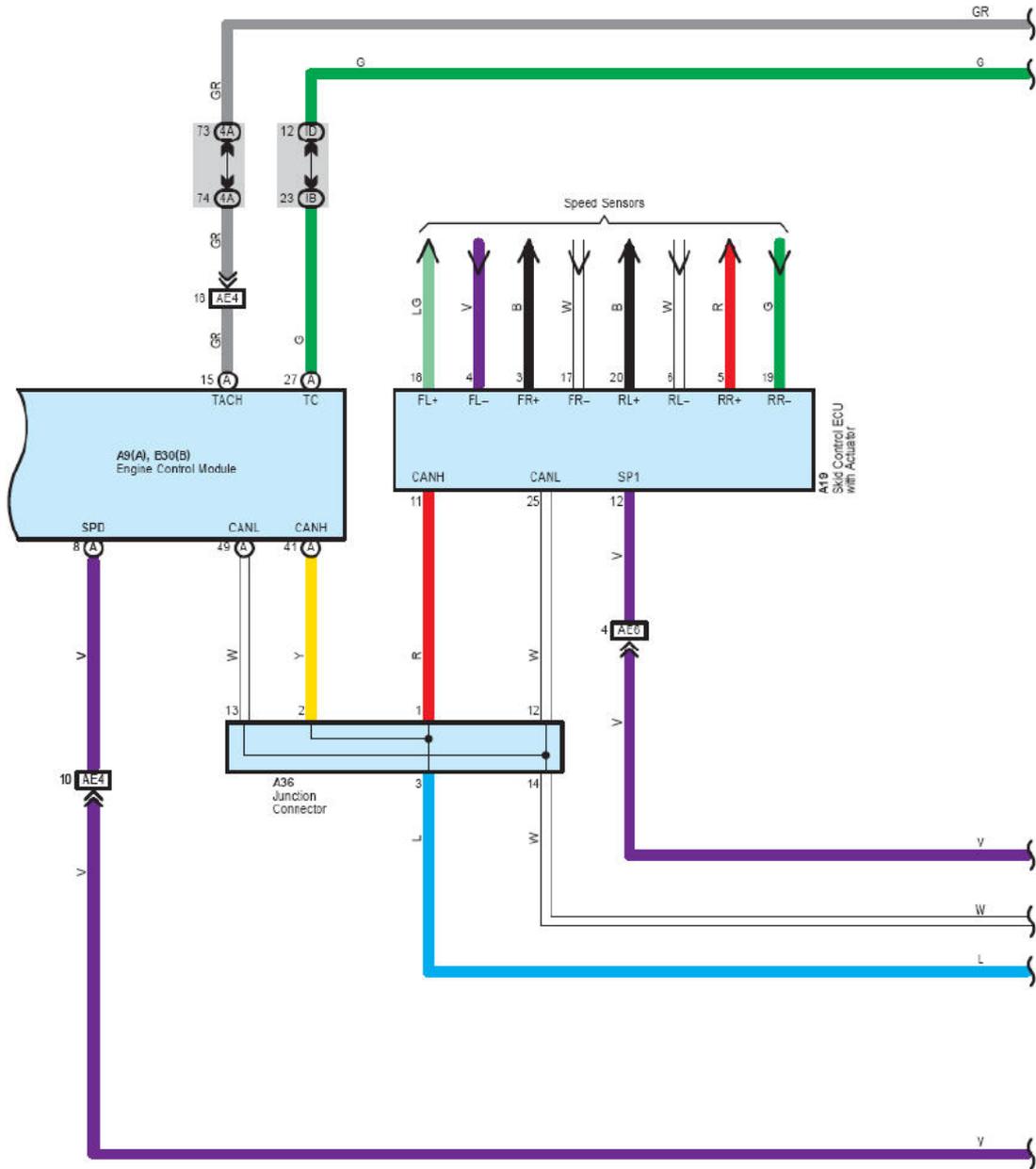


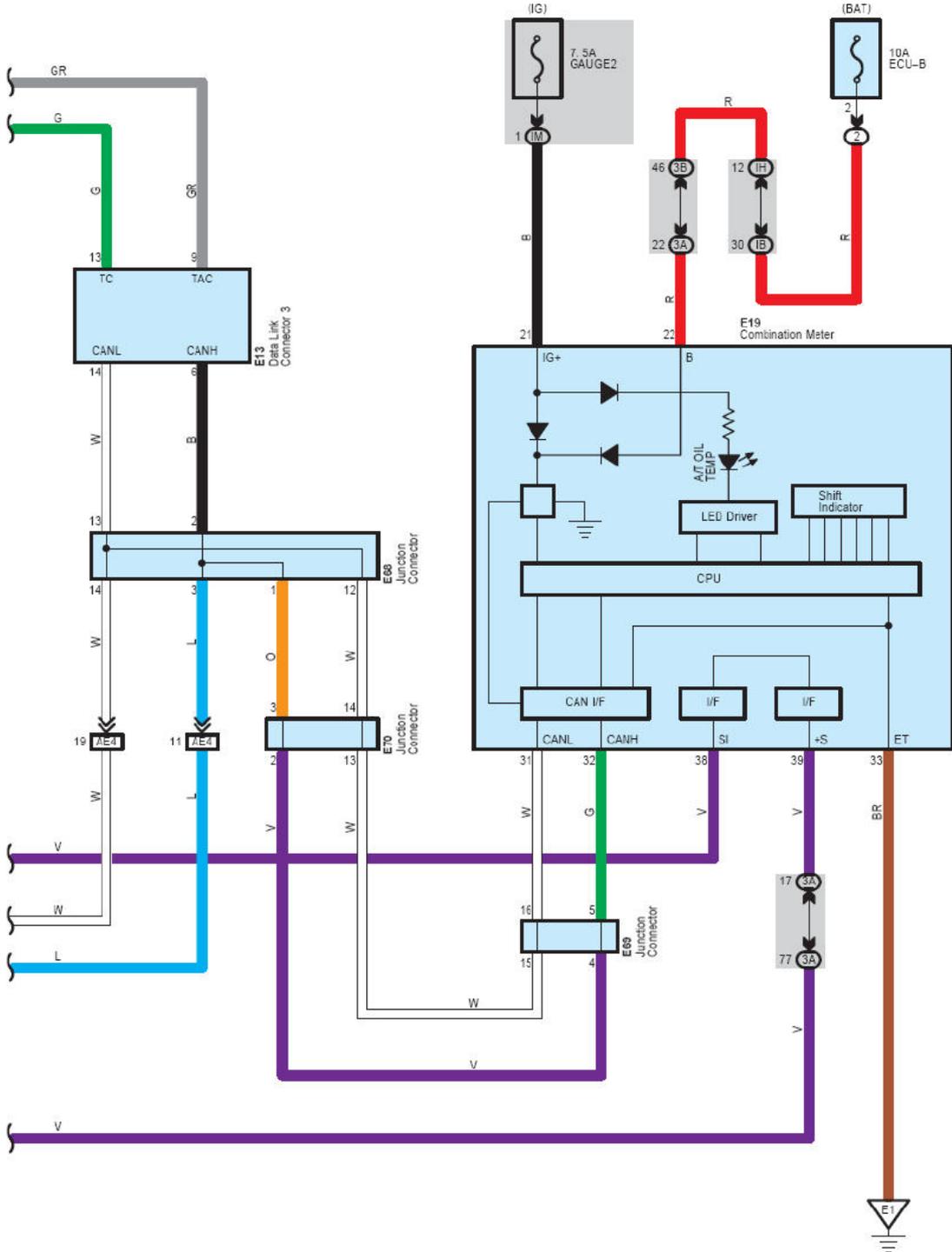




B32
Electronically Controlled Transmission Solenoid







System Outline**1. Line Pressure Optimal Control**

Through the use of the solenoid valve SLT+, the line pressure is optimally controlled in accordance with the engine torque information, as well as with the internal operating conditions of the torque converter and the transaxle. Accordingly, the line pressure can be controlled minutely in accordance with the engine output, traveling condition, and the ATF temperature, thus realizing smooth shift characteristics and optimizing the workload in the oil pump.

2. Clutch Pressure Optimal Control

The engine control module monitors the signals from various types of sensor such as the input turbine speed sensor, allowing shift solenoid valves SL1+, SL2+ and SL3+ to minutely control the clutch pressure in accordance with engine output and driving conditions. As a result, smooth shift characteristics have been realized.

3. Shifting Control in Uphill/Downhill Traveling

This control minimizes the shifting of gears when the driver operates the accelerator pedal while driving on a winding road with ups and downs, in order to ensure a smooth drive.

4. Flex Lock-Up Clutch Control

The flex lock-up clutch control operates during acceleration, in the 4th and 5th gear in the D range, and during deceleration, in the 4th and 5th gear in the D range and in the 4th gear in the 4 range.

Relay Blocks

Code	Relay Blocks (Relay Block Location)
1	Engine Room R/B No.1 (Engine Compartment Left)
2	Engine Room R/B No.2 (Engine Compartment Right)

Junction Block and Wire Harness Connector

Code	Junction Block and Wire Harness (Connector Location)
1A	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
3A	Instrument Panel Wire and J/B No.3 (Instrument Panel Center)Instrument Panel Wire and J/B No.3 (Instrument Panel Center)
3B _	
4A	Instrument Panel Wire and J/B No.4 (Instrument Panel Center)
IB	Engine Room Main Wire and Instrument Panel J/B (Cowl Side Left)
ID	Instrument Panel Wire and Instrument Panel J/B (Cowl Side Left)Instrument Panel Wire and Instrument Panel J/B (Cowl Side Left)
IF _	
IH _	
IM	

Connector Joining Wire Harness and Wire Harness

Code	Joining Wire Harness and Wire Harness (Connector Location)
AE2	Engine Room Main Wire and Instrument Panel Wire (Left Side of the Instrument Panel)Engine Room Main Wire and Instrument Panel Wire (Left Side of the Instrument Panel)
AE4 _	
AE6 _	
BA1	Engine Wire and Engine Room Main Wire (Inside of the Engine Room R/B No.1 and Engine Room J/B No.1)Engine Wire and Engine Room Main Wire (Inside of the Engine Room R/B No.1 and Engine Room J/B No.1)
BA4 _	

Ground Points

Code	Ground Points Location
A1	Front Left Fender
A2 _	
B3	Left Side of the Cylinder HeadLeft Side of the Cylinder Head
B4 _	
E1	Left Kick Panel