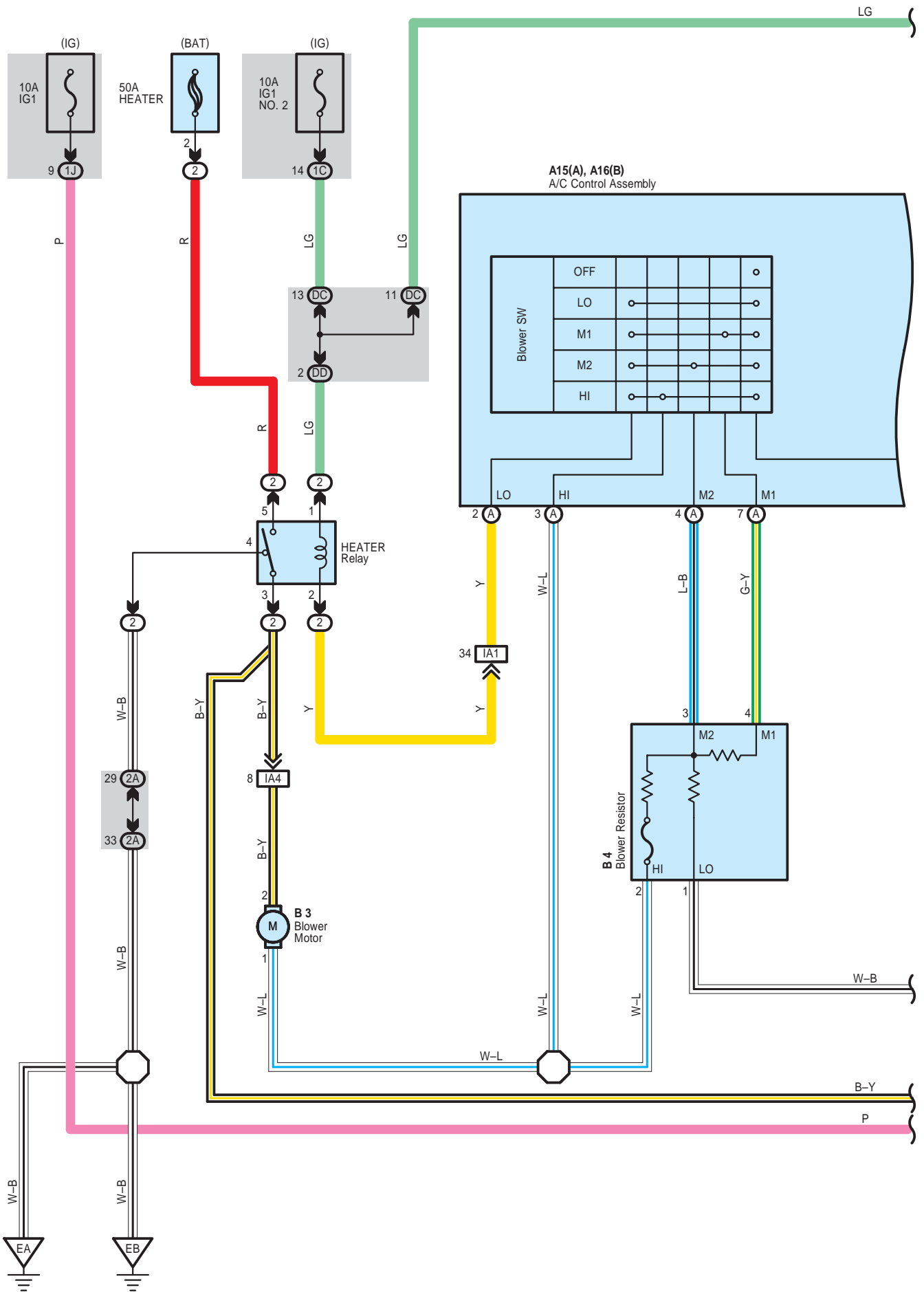
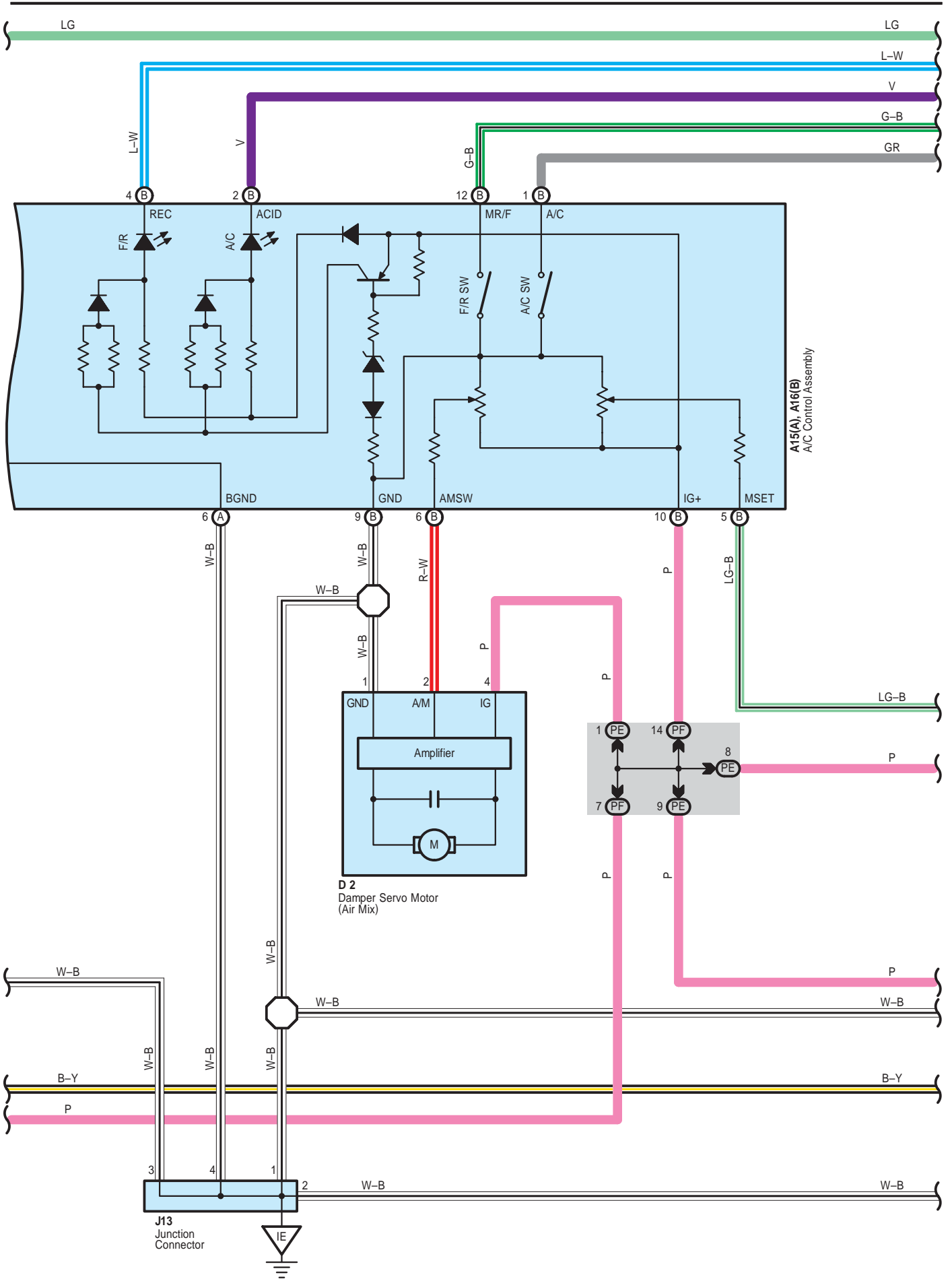
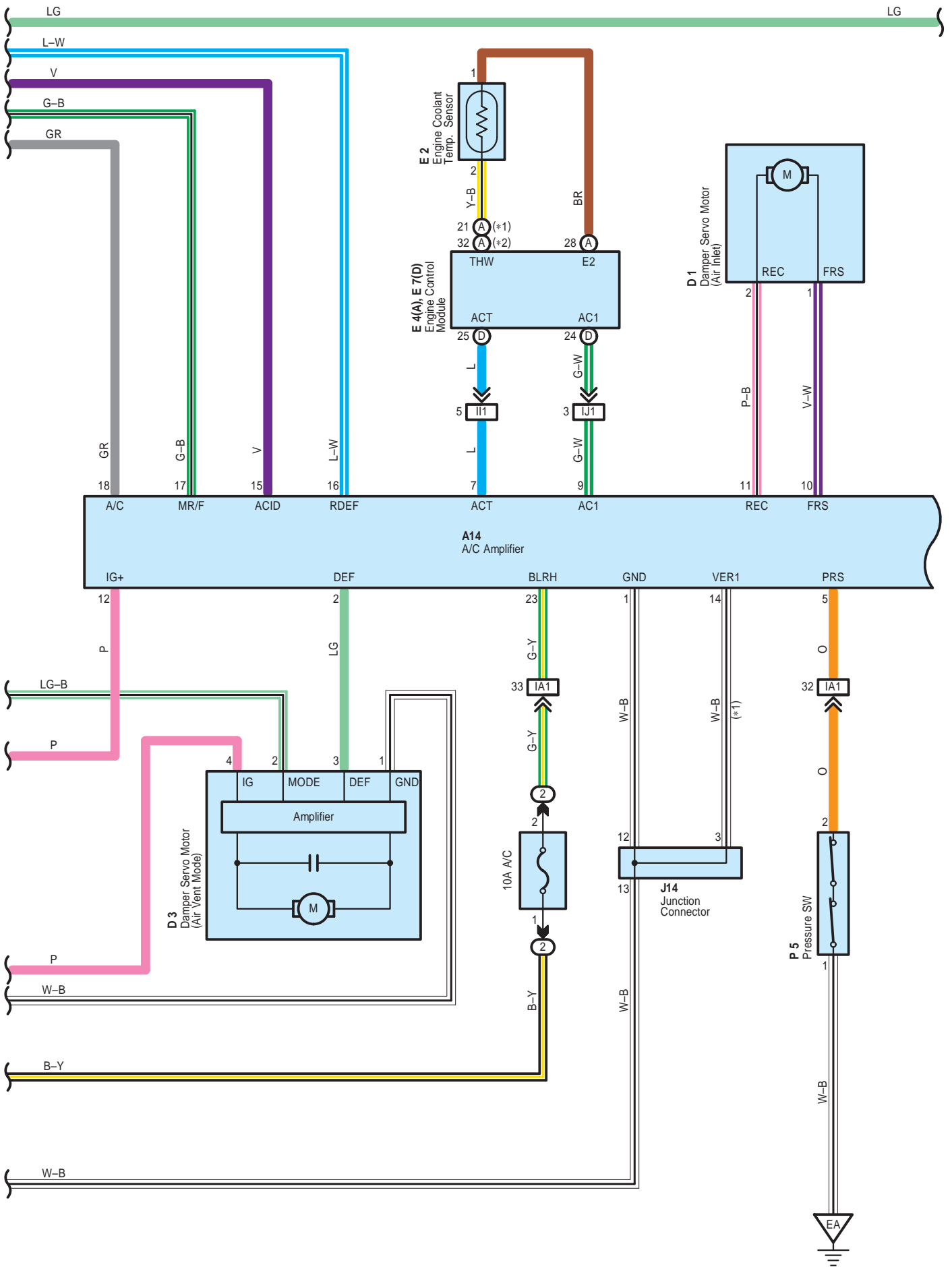


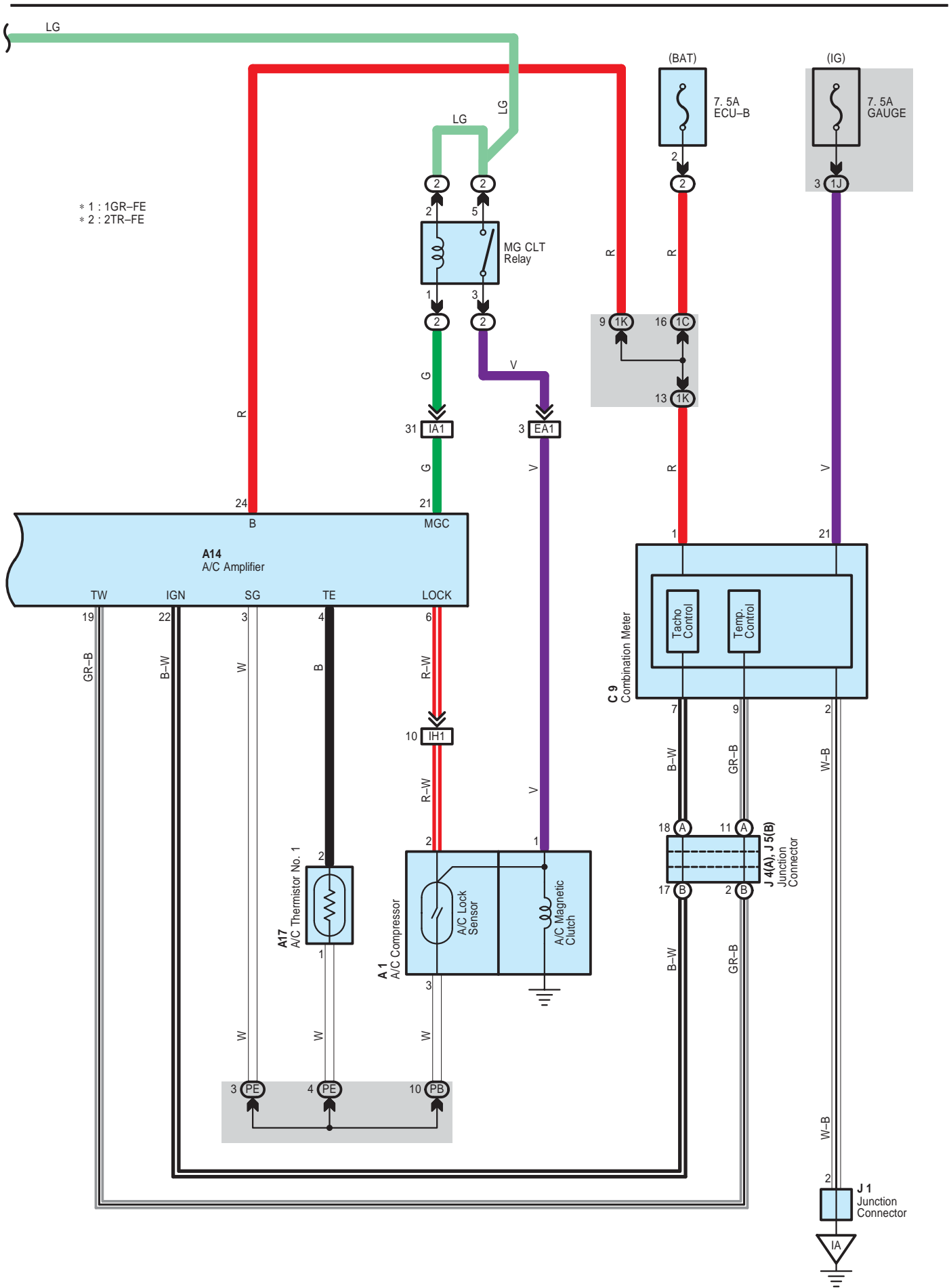
Air Conditioning





Air Conditioning





Air Conditioning

System Outline

The A/C amplifier receives various signals, I.E., the engine RPM from the engine control module and coolant temperature from the engine control module, etc.

When the engine is started and the A/C SW (A/C control assembly) is on, a signal is input to the A/C amplifier.

As a result, current flows from IG1 NO.2 fuse to TERMINAL 2 of the MG CLT relay to TERMINAL 1 to TERMINAL MGC of the A/C amplifier to GROUND, turning the MG CLT relay on, so that the magnetic clutch is on and the A/C compressor operates.

If the integration control and panel detects the following conditions, it stops the air conditioning:

- * Evaporator outlet air temperature is too low.
- * There is a marked difference between the compressor speed and the engine speed.
- * The refrigerant pressure is abnormally high or abnormally low.
- * The engine speed is too low.
- * Rapid acceleration occurs.

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
A1	40 (1GR-FE)	C9	44	J1	45
	42 (2TR-FE)	D1	44	J4	A 45
A14	44	D2	44	J5	B 45
A15	A 44	D3	44	J13	45
A16	B 44	E2	40 (1GR-FE)	J14	45
A17	44		42 (2TR-FE)	P5	41 (1GR-FE)
B3	44	E4	A 44		43 (2TR-FE)
B4	44	E7	D 44		

○ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
2	24	Engine Room R/B (Engine Compartment Left)

○ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	28	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1J	29	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1K		
2A	24	Engine Room J/B (Engine Compartment Left)
DC	34	Engine Room Main Wire and Instrument Panel J/B No.1 (Left Kick Panel)
DD		
PB	36	Engine Wire and Instrument Panel J/B No.2 (Right Side of Glove Box)
PE	36	Instrument Panel Wire and Instrument Panel J/B No.2 (Right Side of Glove Box)
PF		

□ : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EA1	52 (1GR-FE)	Engine Wire and Engine Room Main Wire (Inside of Engine Room R/B)
	53 (2TR-FE)	
IA1	54	Instrument Panel Wire and Engine Room Main Wire (Left Kick Panel)
IA4		
IH1	55	Engine Wire and Instrument Panel Wire (Right Side of Glove Box)
II1	55	Instrument Panel Wire and Instrument Panel Wire (Instrument Panel Brace RH)
IJ1	55	Instrument Panel Wire and Instrument Panel Wire (Right Kick Panel)



: Ground Points

Code	See Page	Ground Points Location
EA	52 (1GR-FE)	Front Right Fender
	53 (2TR-FE)	
EB	52 (1GR-FE)	Front Left Fender
	53 (2TR-FE)	
IA	54	Left Kick Panel
IE	54	Right Kick Panel