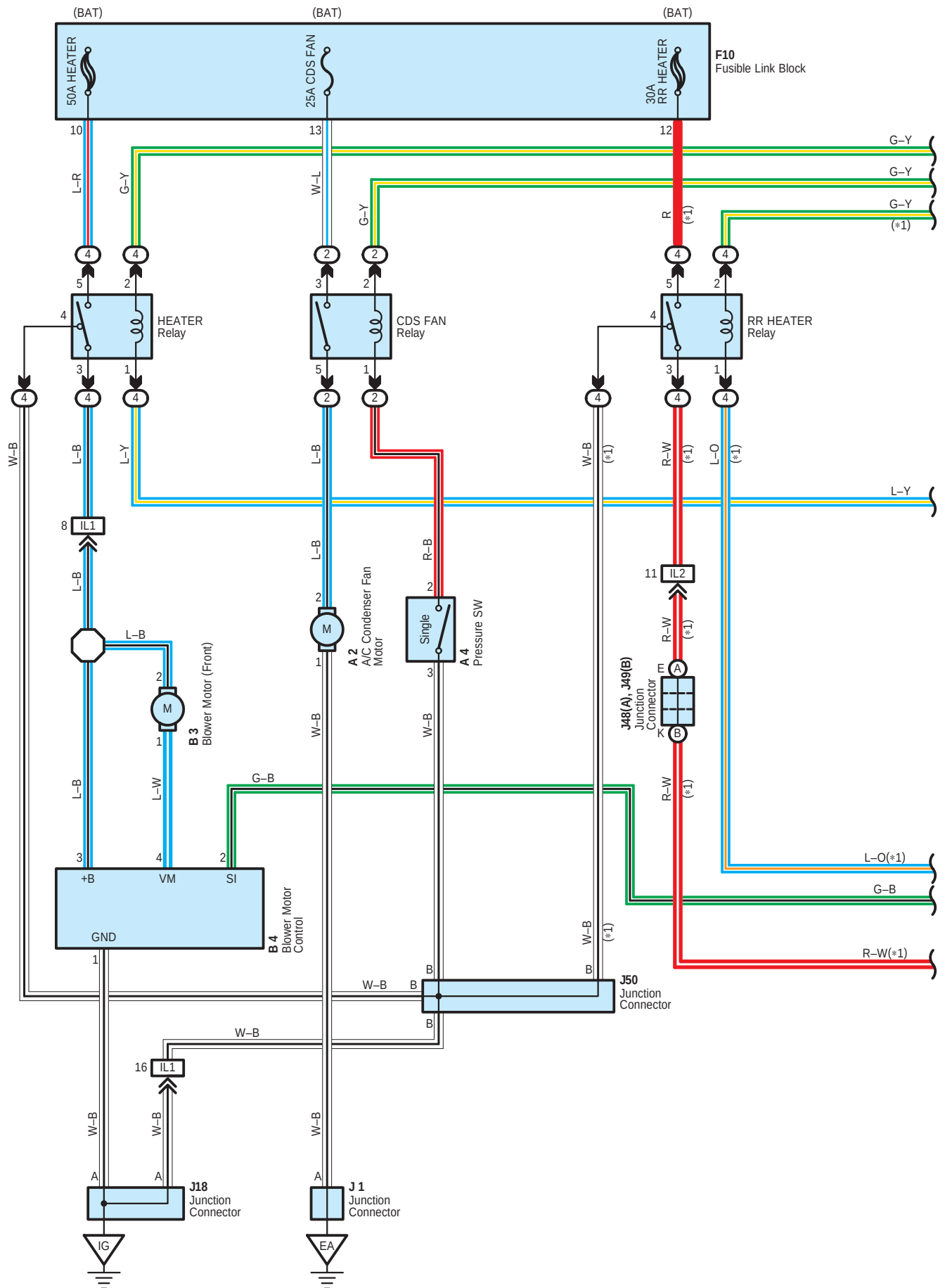
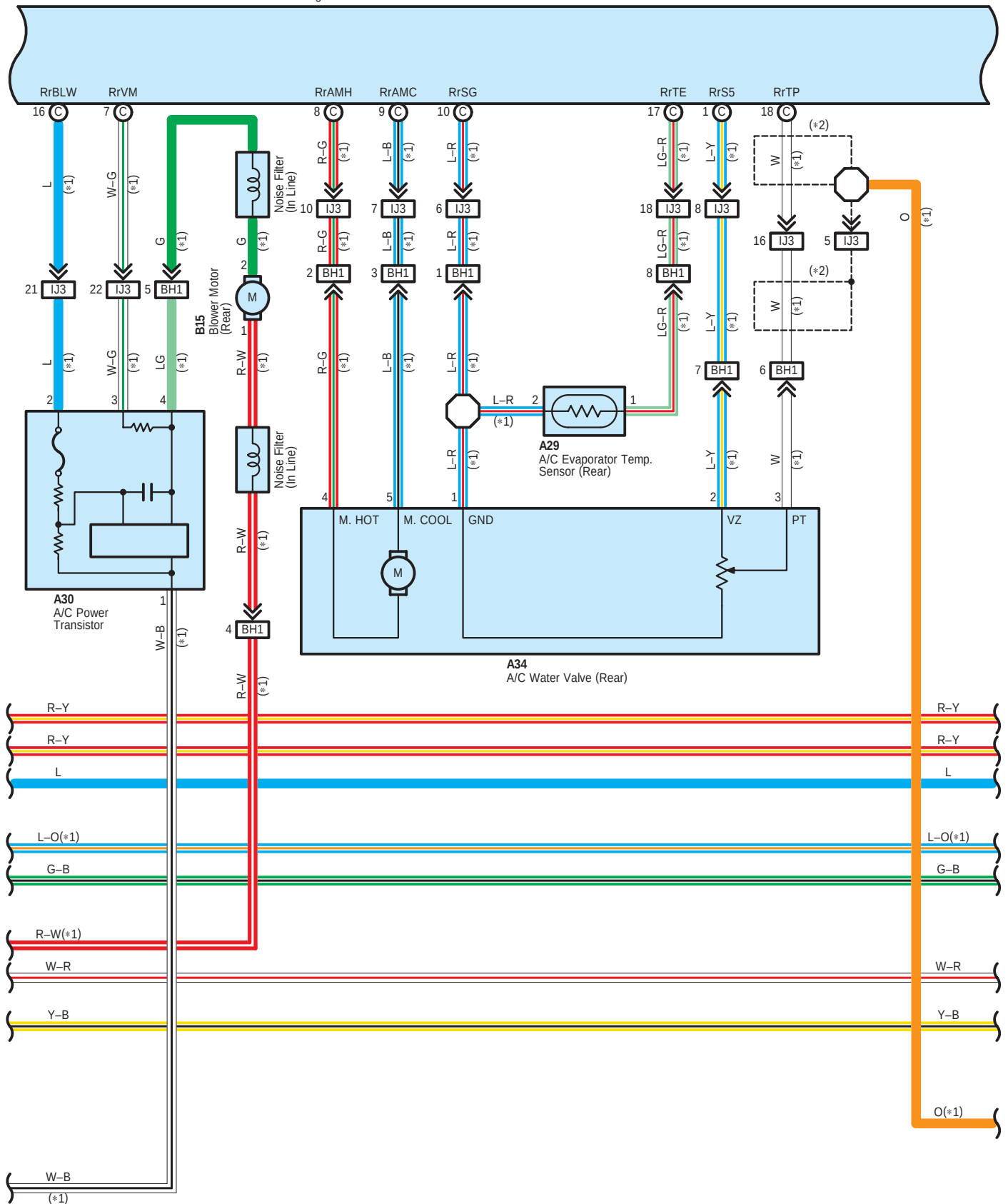




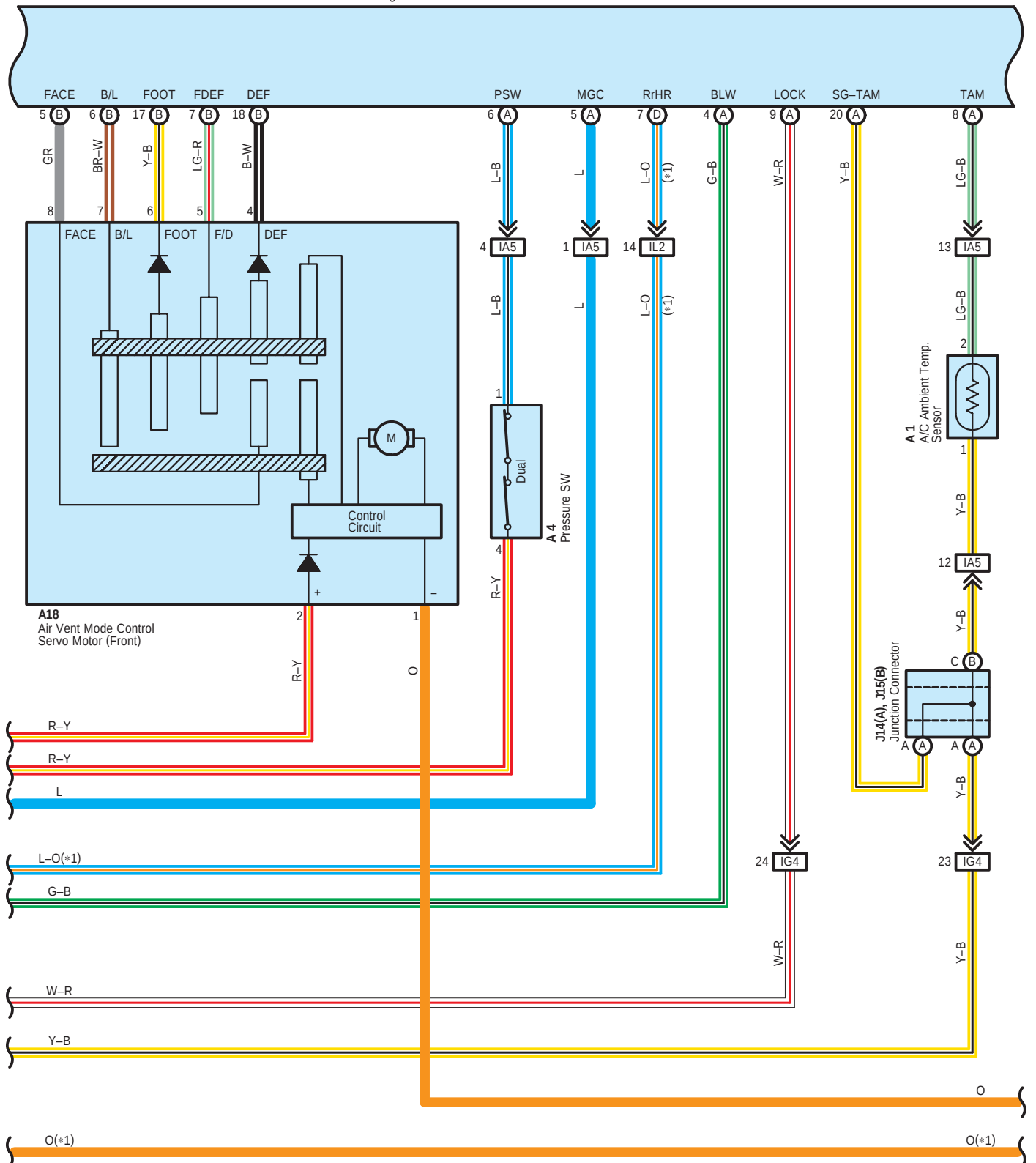
Air Conditioning

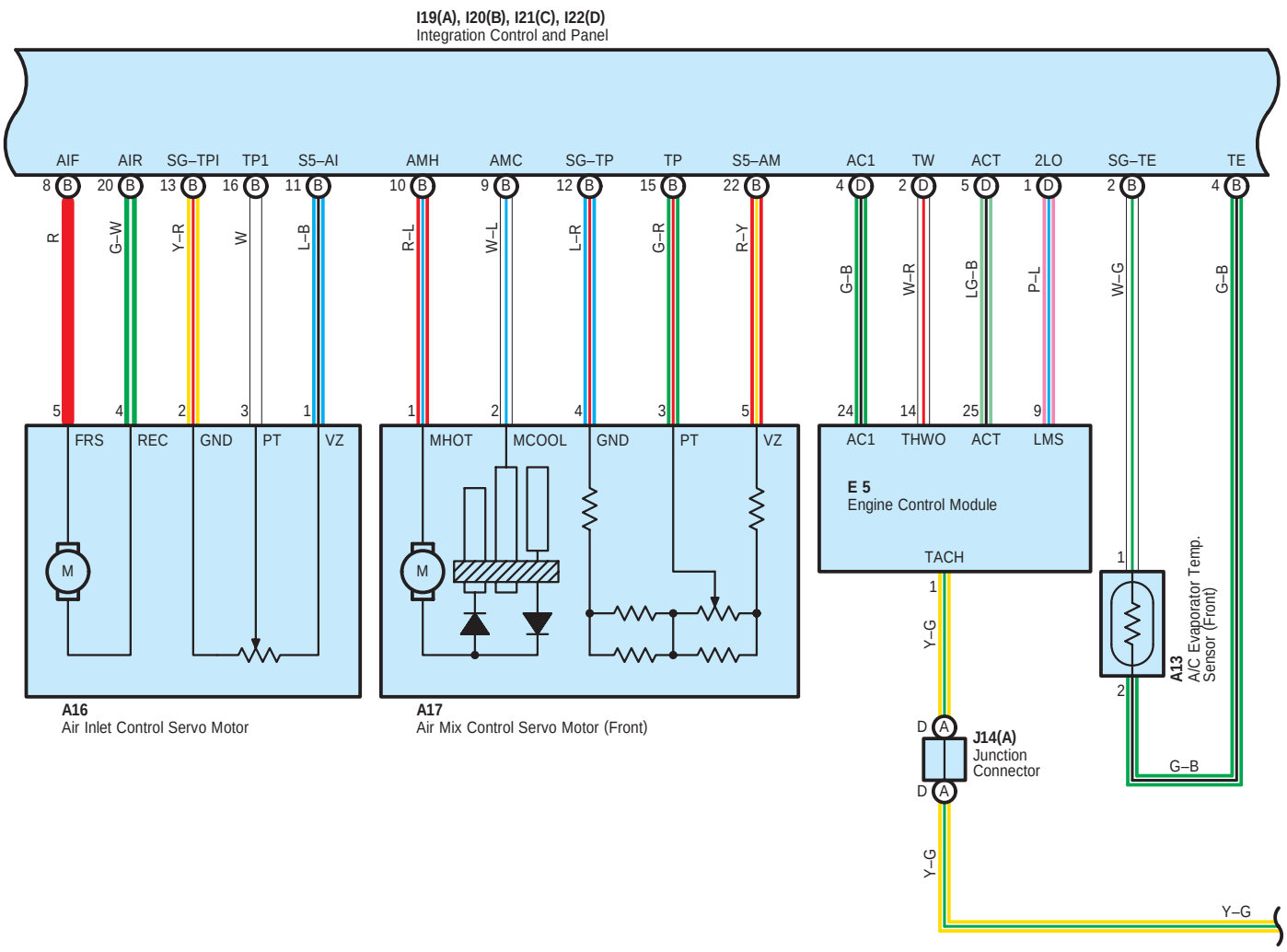
I19(A), I20(B), I21(C), I22(D)
Integration Control and Panel



* 1 : w/ Rear A/C
 * 2 : Shielded

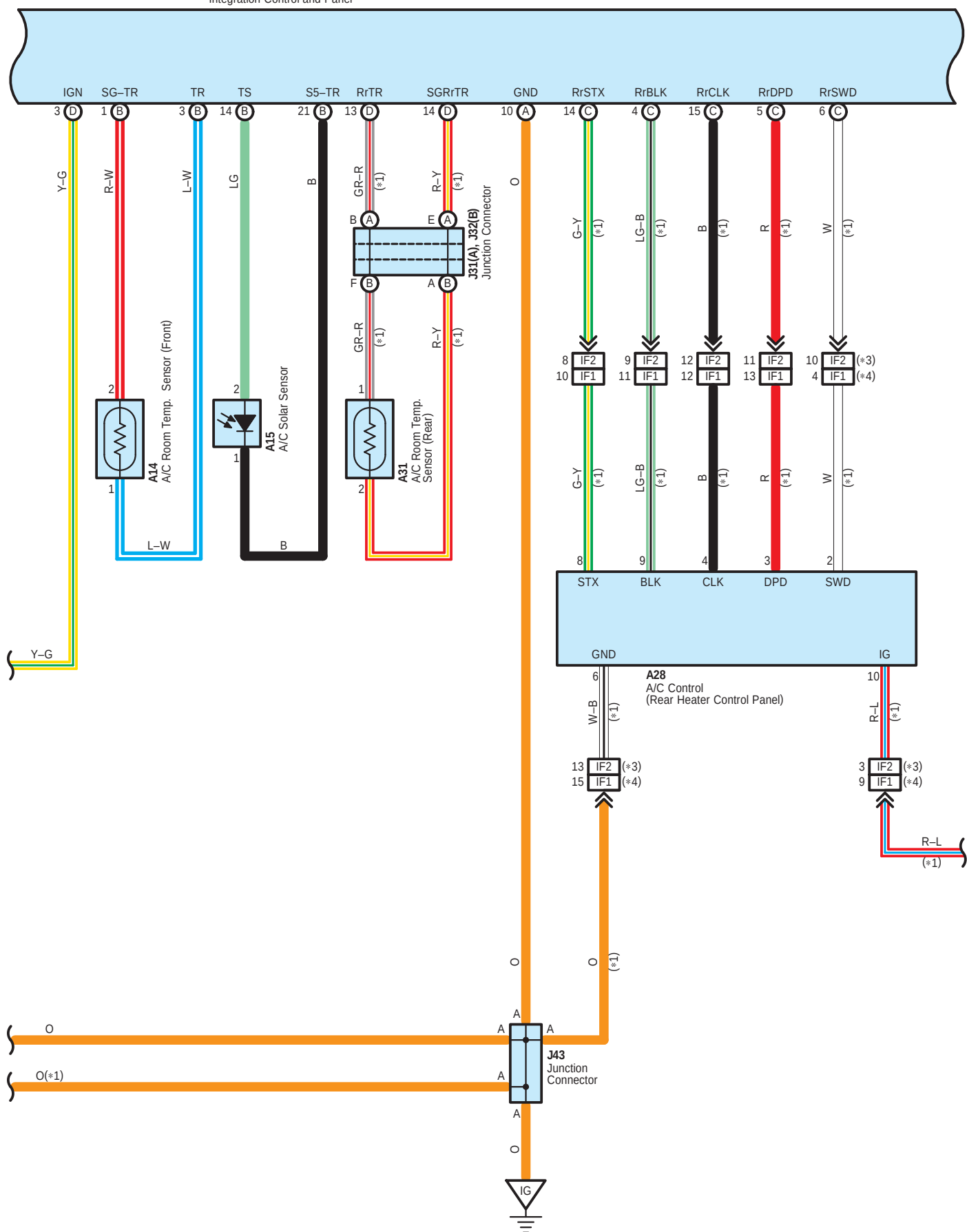
I19(A), I20(B), I21(C), I22(D)
 Integration Control and Panel

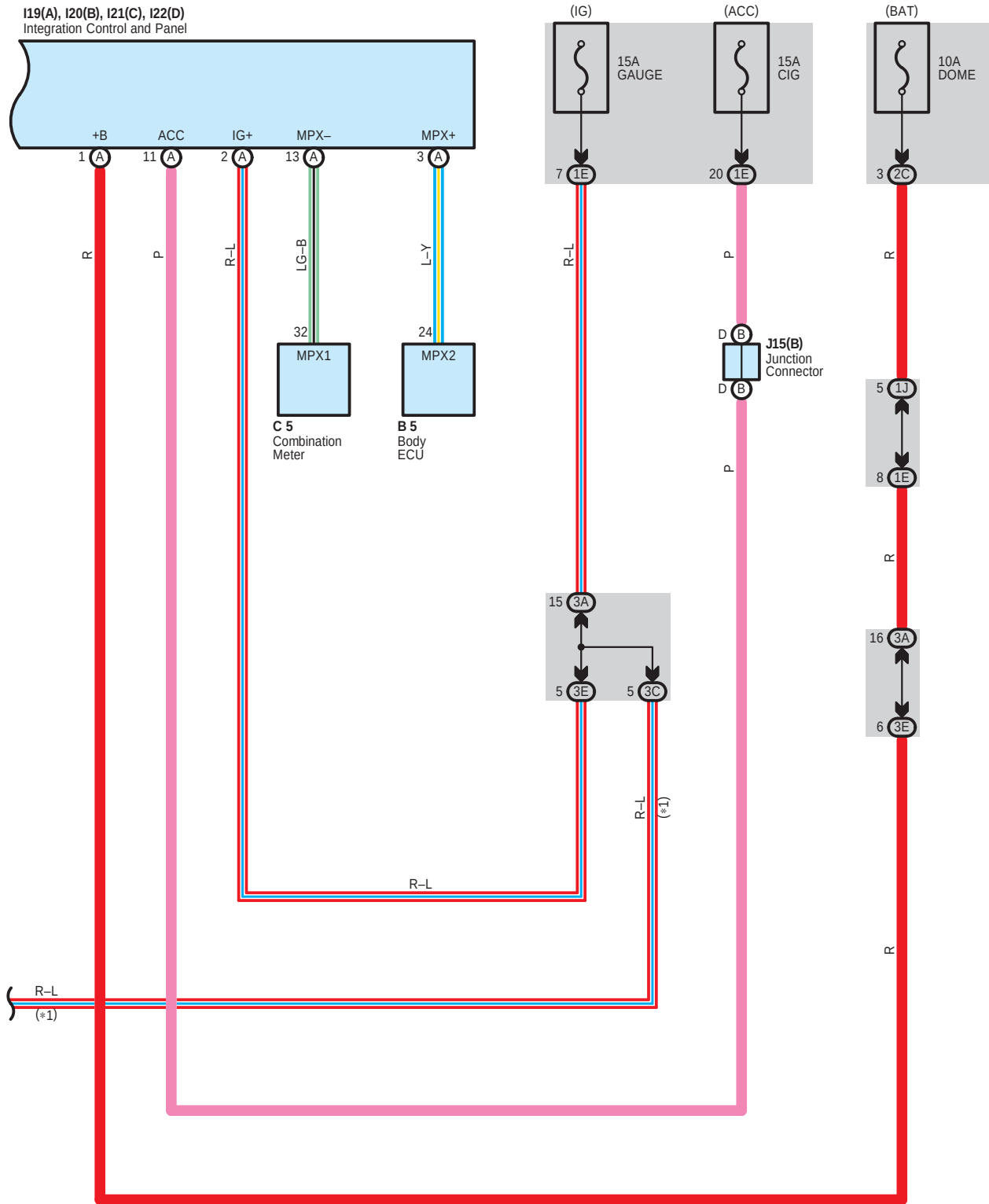




- * 1 : w/ Rear A/C
- * 3 : w/ Rear Seat Entertainment System, Rear Seat Audio System
- * 4 : w/o Rear Seat Entertainment System, Rear Seat Audio System

I19(A), I20(B), I21(C), I22(D)
Integration Control and Panel





System Outline

The A/C control assembly receives various signals, I.E., the engine RPM from the engine control module, outside air temperature signal from the A/C ambient temp. sensor and coolant temperature from the engine control module, etc. When the engine is started and the A/C SW (Integration control and panel) is on, a signal is input to the integration control and panel.

As a result, current flows from HTR fuse to TERMINAL 2 of the MG CLT relay to TERMINAL 1 to TERMINAL MGC of the integration control and panel 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 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	A31	46	I22	D 43
A2	40	A34	46	J1	41
A3	40	A35	46	J3	41
A4	40	B3	42	J14	A 44
A13	42	B4	42	J15	B 44
A14	42	B5	42	J18	44
A15	42	B15	46	J31	A 44
A16	42	C5	42	J32	B 44
A17	42	E5	43	J43	44
A18	42	F10	22, 40	J48	A 44
A28	42	I19	A 43	J49	B 44
A29	46	I20	B 43	J50	41
A30	46	I21	C 43	J57	46

○ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
2	26	Engine Room R/B No.2 (Engine Compartment Left)
4	27	Engine Room R/B No.4 (Engine Compartment Right)

○ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1E	33	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
1J	33	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
2C	29	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2G		
3A	36	Cowl Wire and Sub J/B No.3 (Upper the Accelerator Pedal)
3C		
3E		
4A	38	Cowl Wire and Sub J/B No.4 (Upper the Accelerator Pedal)
4D		
4E		

Air Conditioning

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	51	Engine Room Main Wire and Cowl Wire (Cowl Side Panel LH)
IA5		
IF1	51	Console Box Wire and Cowl Wire (Rear Console)
IF2		
IG4	51	Engine Wire and Cowl Wire (Right Side of Instrument Panel)
IJ3	51	Floor No.1 Wire and Cowl Wire (Right Kick Panel)
IL1	51	Engine Room Main Wire and Cowl Wire (Cowl Side Panel RH)
IL2		
BH1	52	Floor No.1 Wire and A/C Sub Wire (Quarter Panel RH)

: Ground Points

Code	See Page	Ground Points Location
EA	50	Radiator Side Support RH
IG	51	Cowl Side Panel RH
BP	52	Quarter Panel RH

