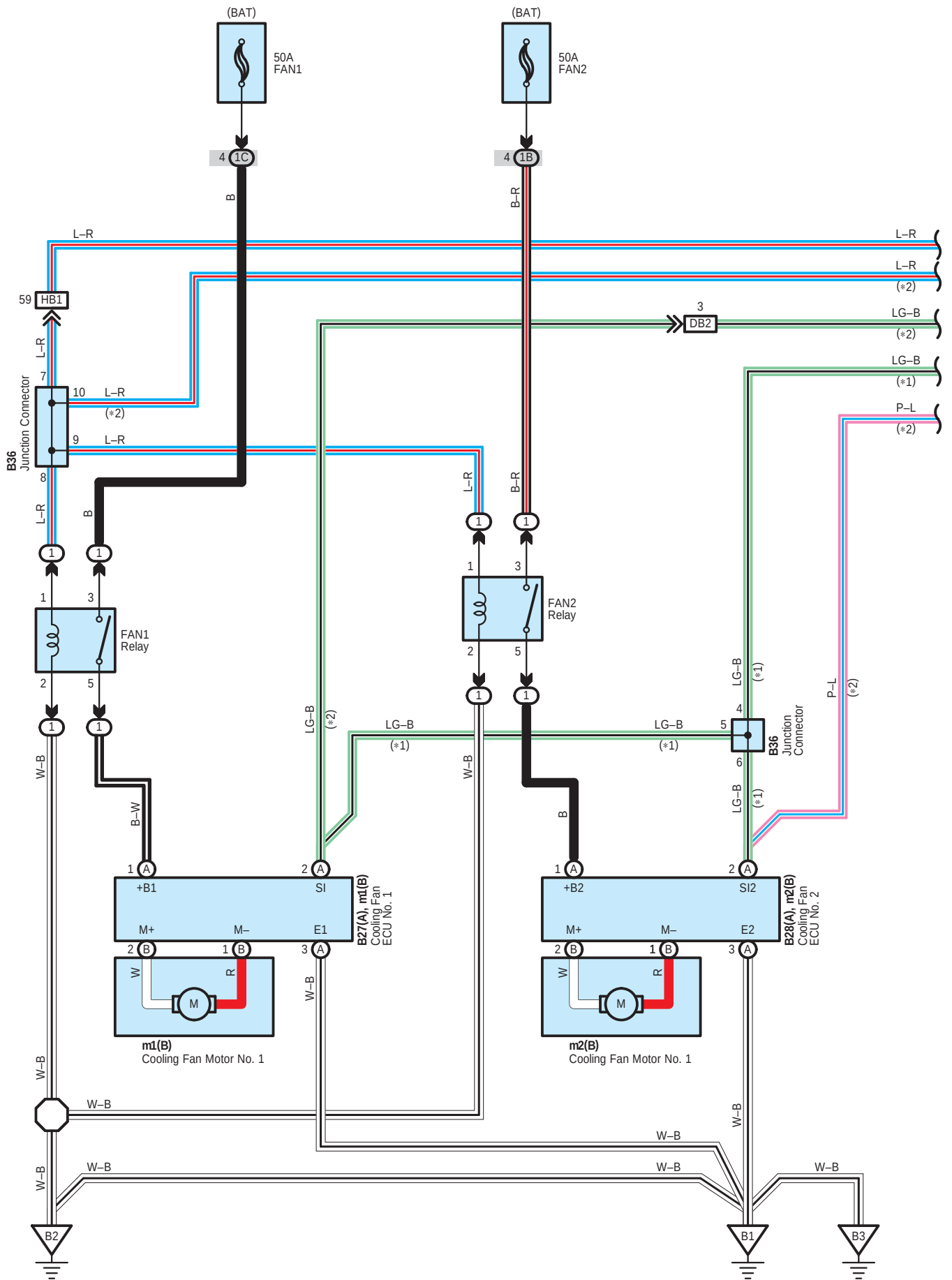
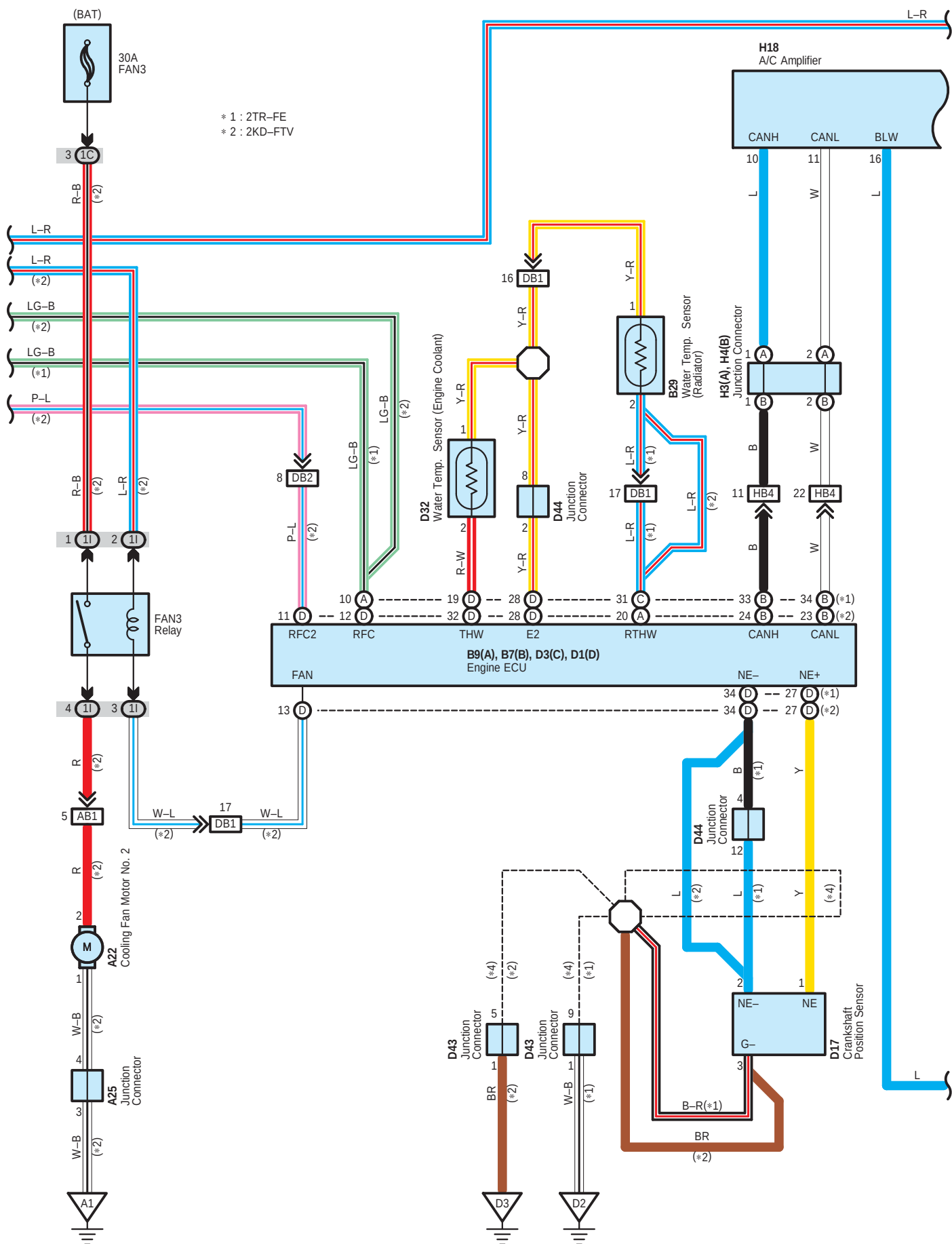
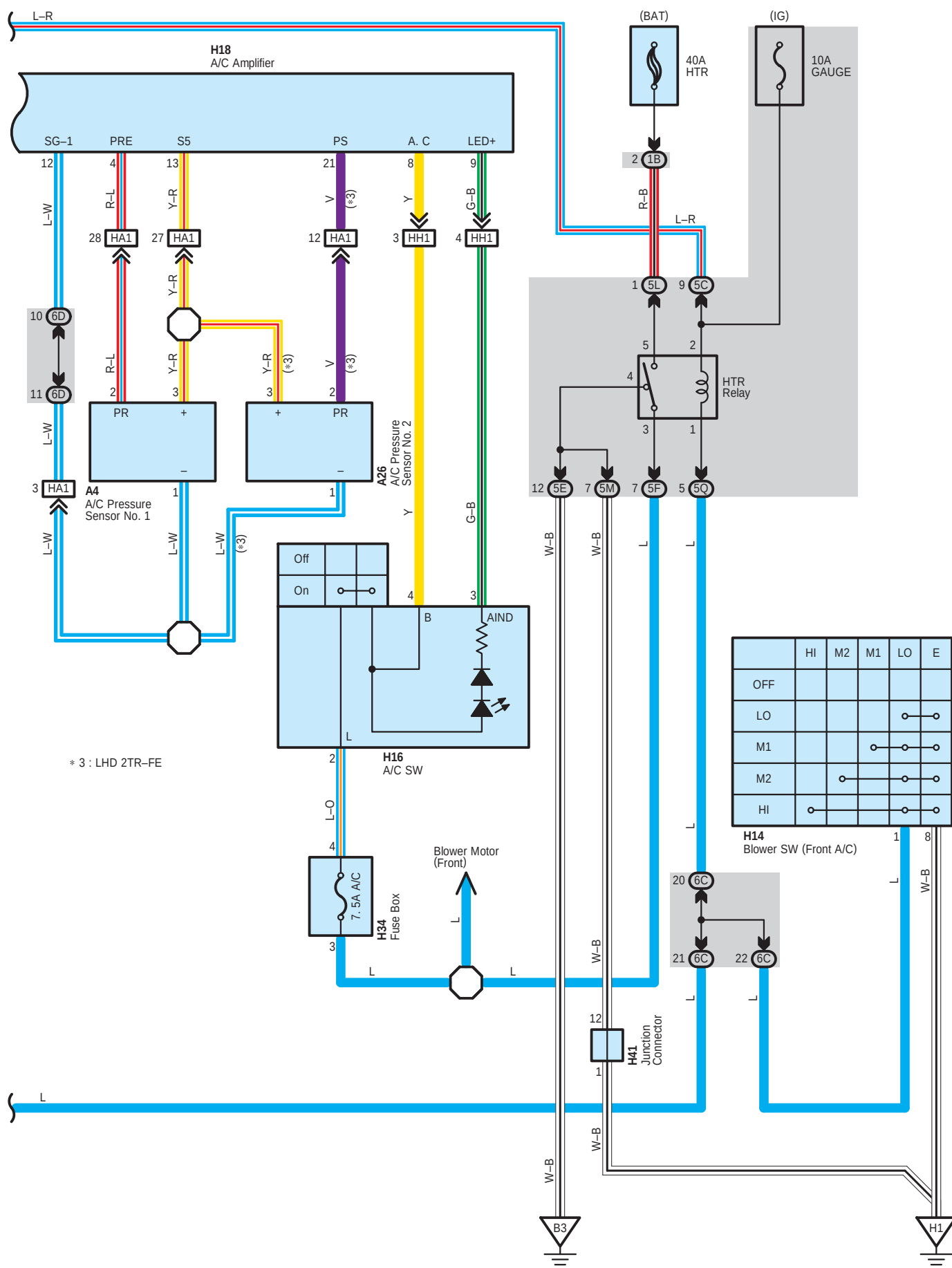


Cooling Fan (2TR-FE, 2KD-FTV)





Cooling Fan (2TR-FE, 2KD-FTV)



System Outline

System Operation

If the ignition SW is turned to ON, the current from the GAUGE fuse is sent to the coil side and the FAN1, FAN2, FAN3 relay is turned to ON. Then the current flows to TERMINAL (A) 1 of the cooling fan ECU No.1, No.2. At the same time, the conditions of the A/C SW, A/C pressure sensor, water temp. sensor and engine rotation are sent to the TERMINAL (A) 2 as signals from the TERMINAL RFC of the engine ECU. As a result of that, the cooling fan ECU No.1, No.2 continuously controls the rotation of the fan motor and keeps a balance between the cooling efficiency and silentness with the optimal fan rotation.

○ : Parts Location

Code		See Page		Code		See Page			
A4		48 (LHD) 56 (RHD)		B29		52 (*4) 53 (*5) D44			
A22		48 (LHD) 56 (RHD)		B36				44 (*1) 45 (*2) 52 (*4) 53 (*5)	
A25		48 (LHD) 56 (RHD)				H3			
A26		48 (LHD)		H4		B			
B7		B		D1		D		44 (*1) 45 (*2) 45 (*2) 52 (*4) 53 (*5)	
B9		A		D3		C		44 (*1) 52 (*4) D17	
B27		A		D32		D32		44 (*1) 45 (*2) 52 (*4) 53 (*5)	
B28		A		D43		D43		44 (*1) 45 (*2) 52 (*4) 53 (*5)	
B29		44 (*1) 45 (*2)		D44		D44		44 (*1) 45 (*1)	

○ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	22 (*7) 23 (*8)	Engine Room R/B No.1 (Engine Compartment Front)

* 1 : LHD 2TR-FE * 2 : LHD 2KD-FTV * 3 : LHD 5L-E * 4 : RHD 2TR-FE * 5 : RHD 2KD-FTV * 6 : RHD 5L-E * 7 : 2TR-FE
* 8 : 2KD-FTV, 5L-E

Cooling Fan (2TR-FE, 2KD-FTV)



: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1B	24	Engine Room Main Wire and Engine Room J/B No.1 (Engine Compartment Front)
1C		
1I	25	
5C	30	Instrument Panel Wire and Instrument Panel J/B (Left Side of Instrument Panel)
5E	30	Engine Room Main Wire and Instrument Panel J/B (Left Side of Instrument Panel)
5F	30	Instrument Panel Wire and Instrument Panel J/B (Left Side of Instrument Panel)
5L	30	Engine Room Main Wire and Instrument Panel J/B (Left Side of Instrument Panel)
5M	31	Instrument Panel Wire and Instrument Panel J/B (Left Side of Instrument Panel)
5Q		
6C	38 (LHD)	Instrument Panel Wire and Center J/B (Instrument Panel Reinforcement LH)
	38 (RHD)	Instrument Panel Wire and Center J/B (Instrument Panel Reinforcement RH)
6D	38 (LHD)	Instrument Panel Wire and Center J/B (Instrument Panel Reinforcement LH)
	38 (RHD)	Instrument Panel Wire and Center J/B (Instrument Panel Reinforcement RH)



: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AB1	64 (LHD)	Cowl to Head Lamp Wire and Engine Room Main Wire (Left Side of the Instrument Panel J/B)
	72 (RHD)	
DB1	60 (*1)	Engine Wire and Engine Room Main Wire (Front Side of Engine Room R/B No.1)
	61 (*2)	
	68 (*4)	
	69 (*5)	
DB2	61 (*2)	
	69 (*5)	
HA1	64 (LHD)	Instrument Panel Wire and Cowl to Head Lamp Wire (Under the Instrument Panel J/B)
	72 (RHD)	
HB1	64 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Under the Instrument Panel J/B)
	72 (RHD)	
HB4	64 (LHD)	
	72 (RHD)	
HH1	64 (LHD)	Instrument Panel Wire and Instrument Panel Wire (Near the Steering Column)
	72 (RHD)	Instrument Panel Wire and Instrument Panel Wire (Instrument Panel Reinforcement RH)

* 1 : LHD 2TR-FE * 2 : LHD 2KD-FTV * 3 : LHD 5L-E * 4 : RHD 2TR-FE * 5 : RHD 2KD-FTV * 6 : RHD 5L-E * 7 : 2TR-FE
 * 8 : 2KD-FTV, 5L-E



: Ground Points

Code	See Page	Ground Points Location
A1	64 (LHD)	Dash Panel Right
	72 (RHD)	
B1	60 (*1)	Front Floor Panel Right
	61 (*2)	
	68 (*4)	
	69 (*5)	
B2	60 (*1)	
	61 (*2)	
	68 (*4)	
	69 (*5)	
B3	60 (*1)	Front Floor Panel Left
	61 (*2)	
	68 (*4)	
	69 (*5)	
D2	60 (*1)	Engine Block
	68 (*4)	
D3	61 (*2)	
	69 (*5)	
H1	64 (LHD)	Instrument Panel Reinforcement
	72 (RHD)	

* 1 : LHD 2TR-FE * 2 : LHD 2KD-FTV * 3 : LHD 5L-E * 4 : RHD 2TR-FE * 5 : RHD 2KD-FTV * 6 : RHD 5L-E * 7 : 2TR-FE
* 8 : 2KD-FTV, 5L-E