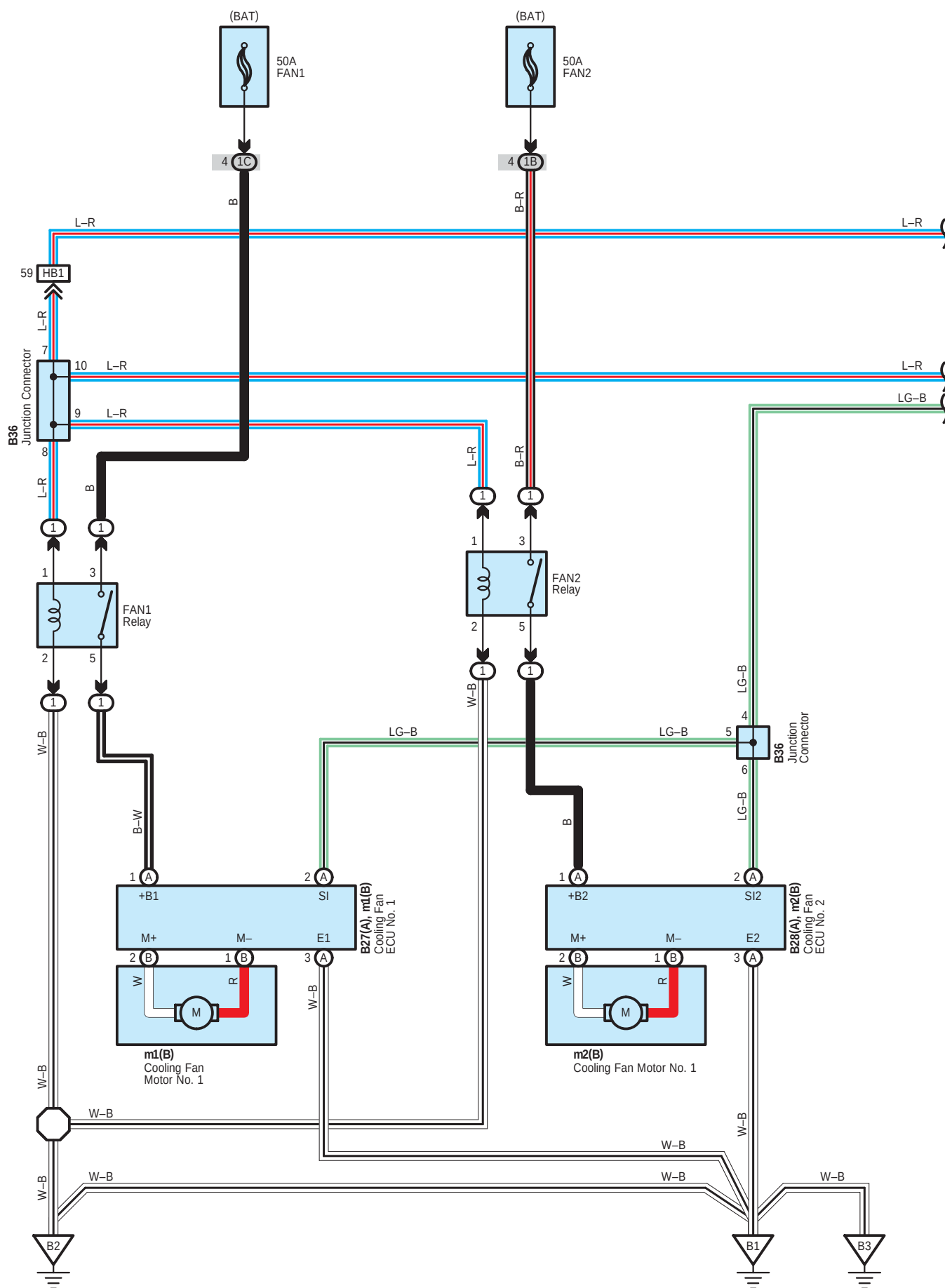
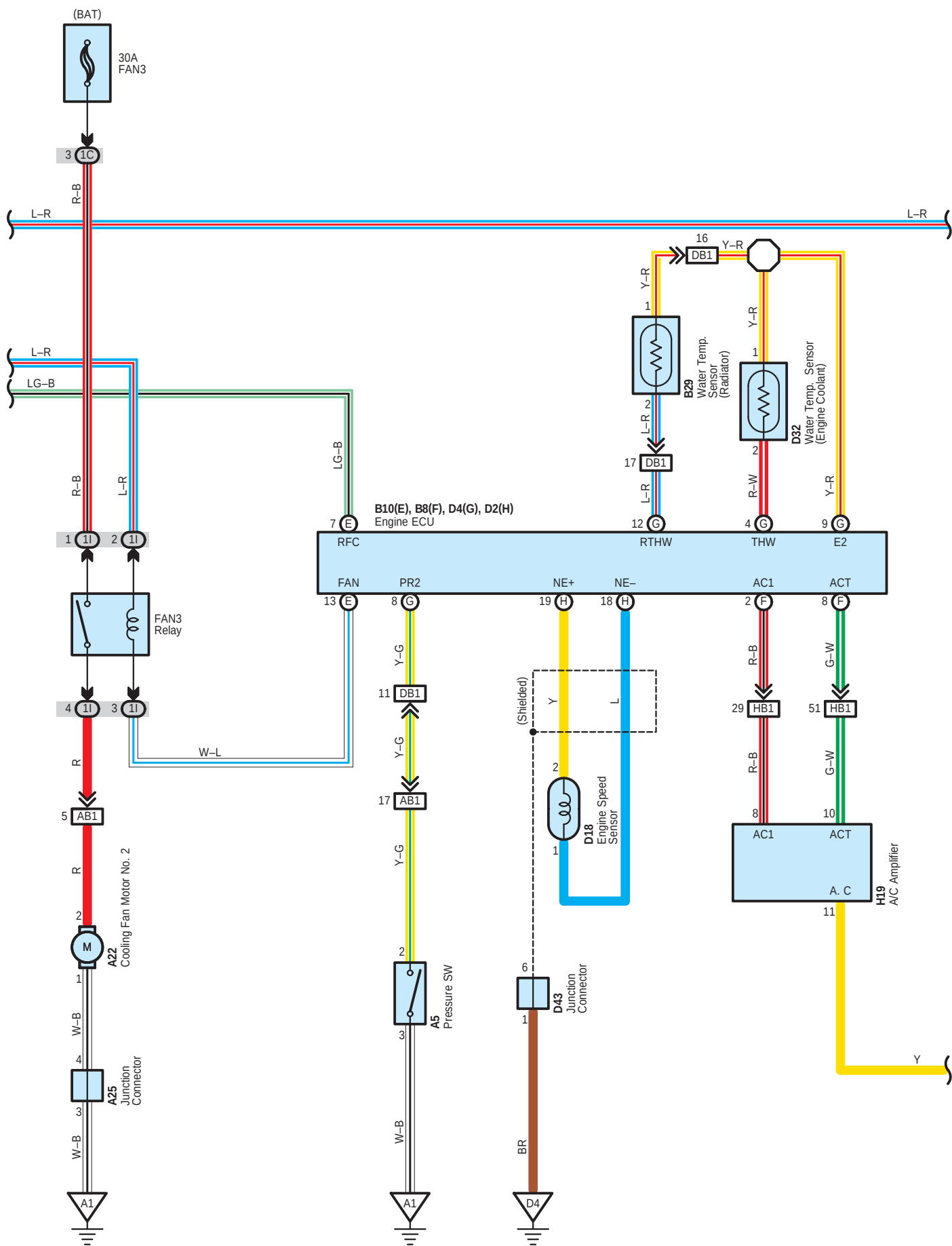
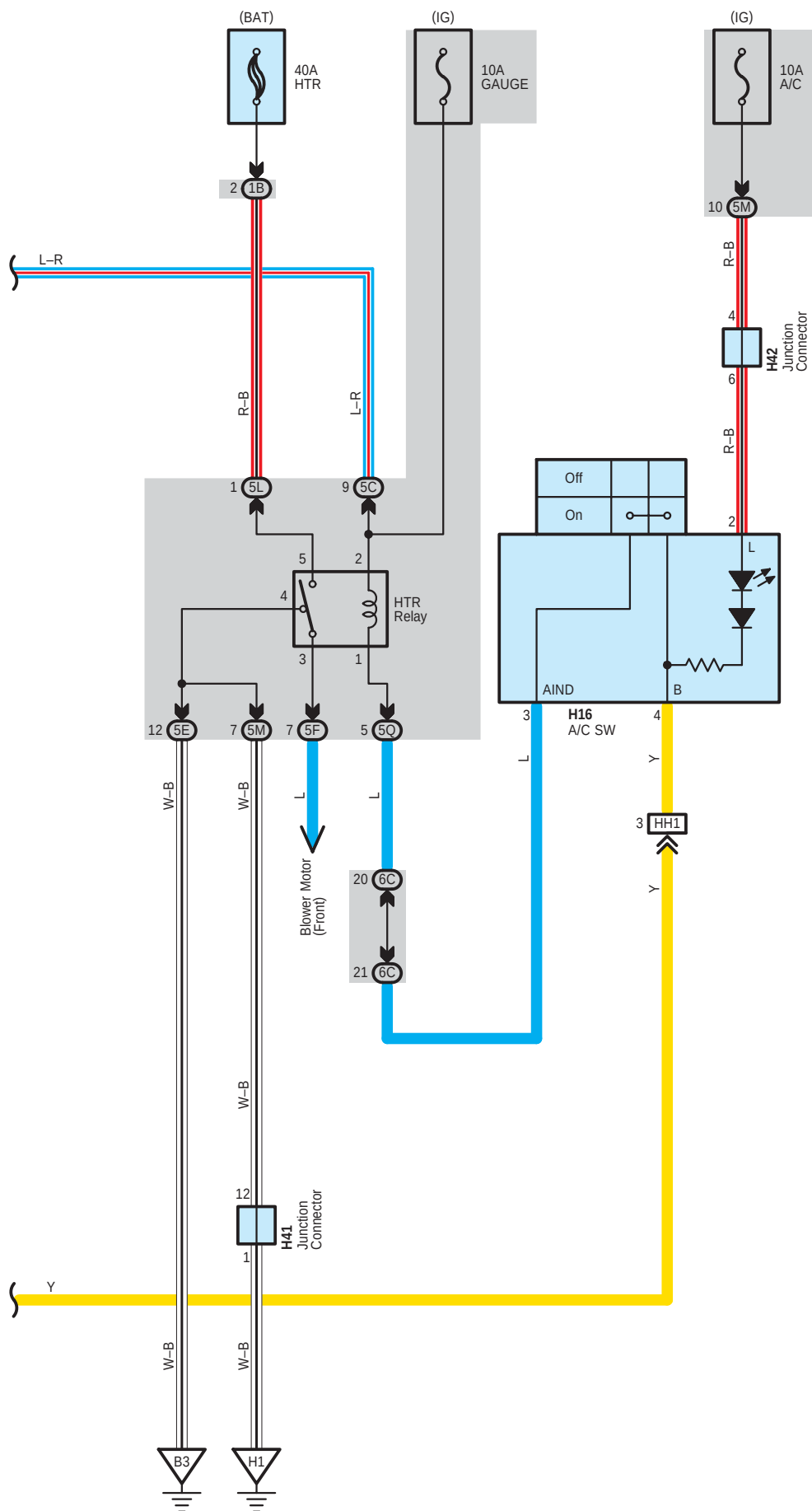


Cooling Fan (5L-E)





Cooling Fan (5L-E)



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	Code	See Page
A5	48 (LHD) 56 (RHD)	B29	46 (*3) 54 (*6)	H16	49 (LHD) 57 (RHD)
A22	48 (LHD) 56 (RHD)	B36	46 (*3) 54 (*6)	H19	49 (LHD) 57 (RHD)
A25	48 (LHD) 56 (RHD)	D2	H	H41	49 (LHD) 57 (RHD)
B8	F	D4	G	H42	49 (LHD) 57 (RHD)
B10	E	D18		m1	B
B27	A	D32		m2	B
B28	A	D43			

○ : Relay Blocks

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

○ : 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)

* 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 (5L-E)

: 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	62 (*3)	Engine Wire and Engine Room Main Wire (Front Side of Engine Room R/B No.1)
	70 (*6)	
HB1	64 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Under the Instrument Panel J/B)
	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)

: Ground Points

Code	See Page	Ground Points Location
A1	64 (LHD)	Dash Panel Right
	72 (RHD)	
B1	62 (*3)	Front Floor Panel Right
	70 (*6)	
B2	62 (*3)	Front Floor Panel Left
	70 (*6)	
B3	62 (*3)	Engine Block
	70 (*6)	
D4	62 (*3)	Instrument Panel Reinforcement
	70 (*6)	
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

