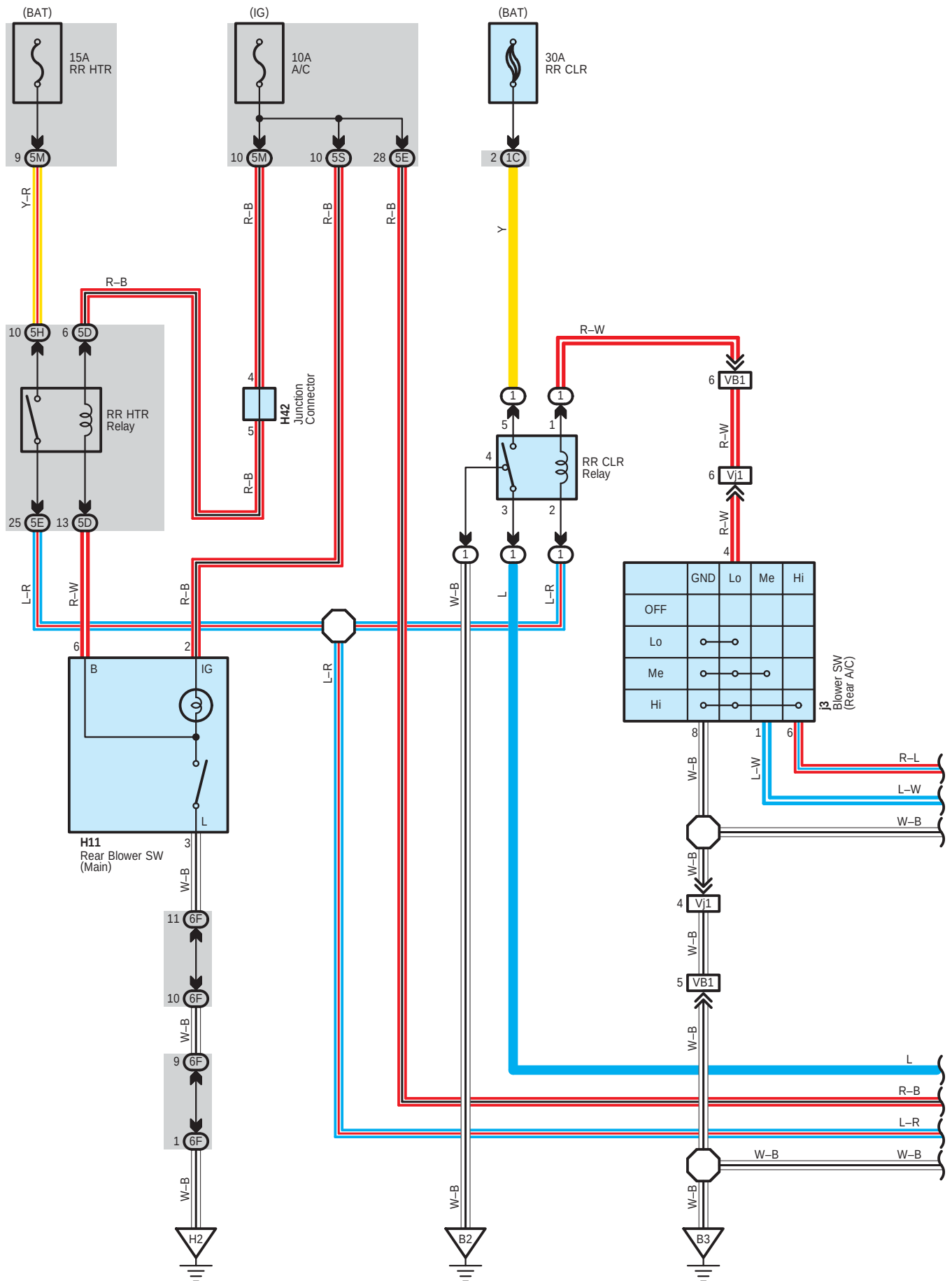
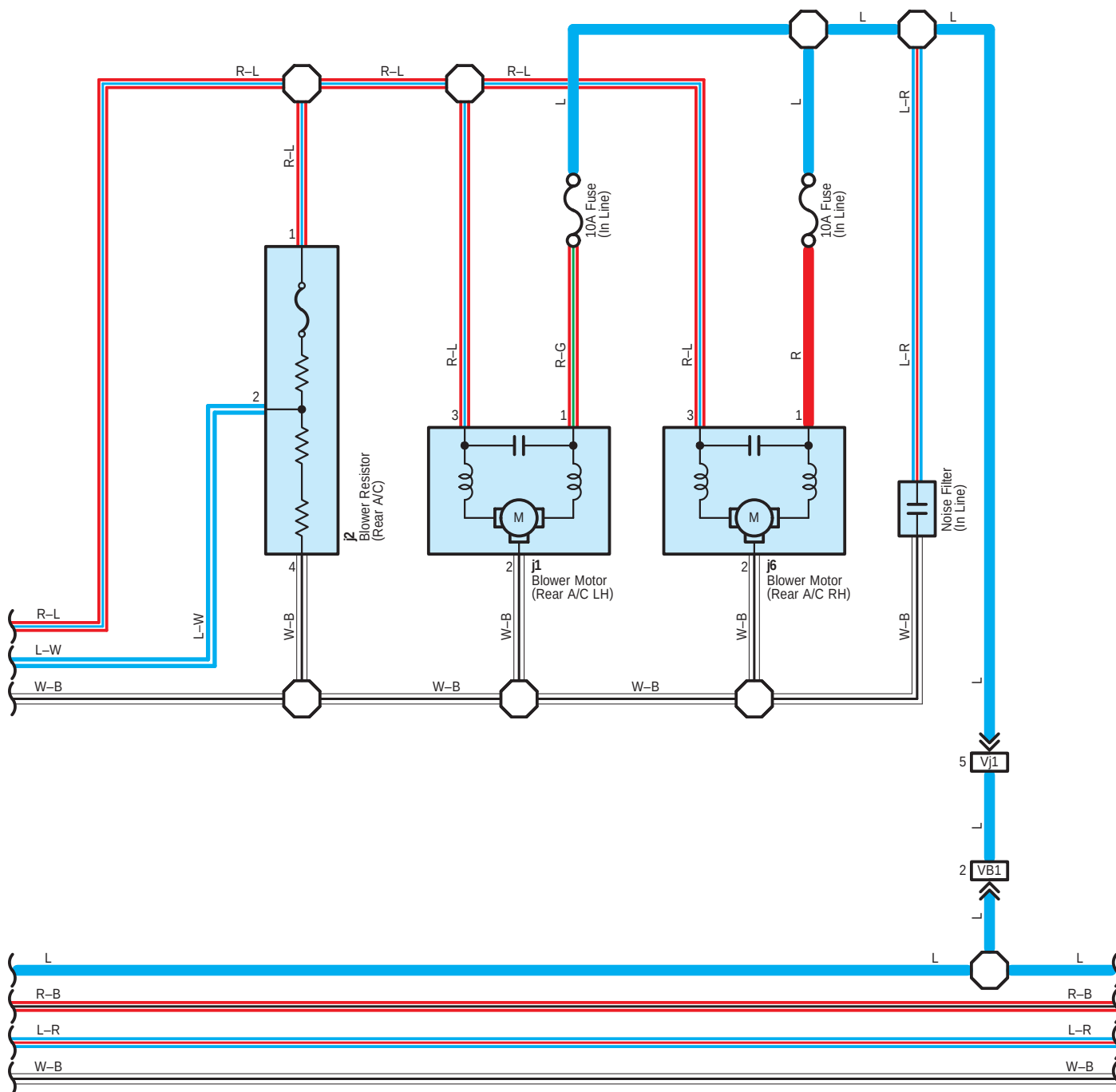
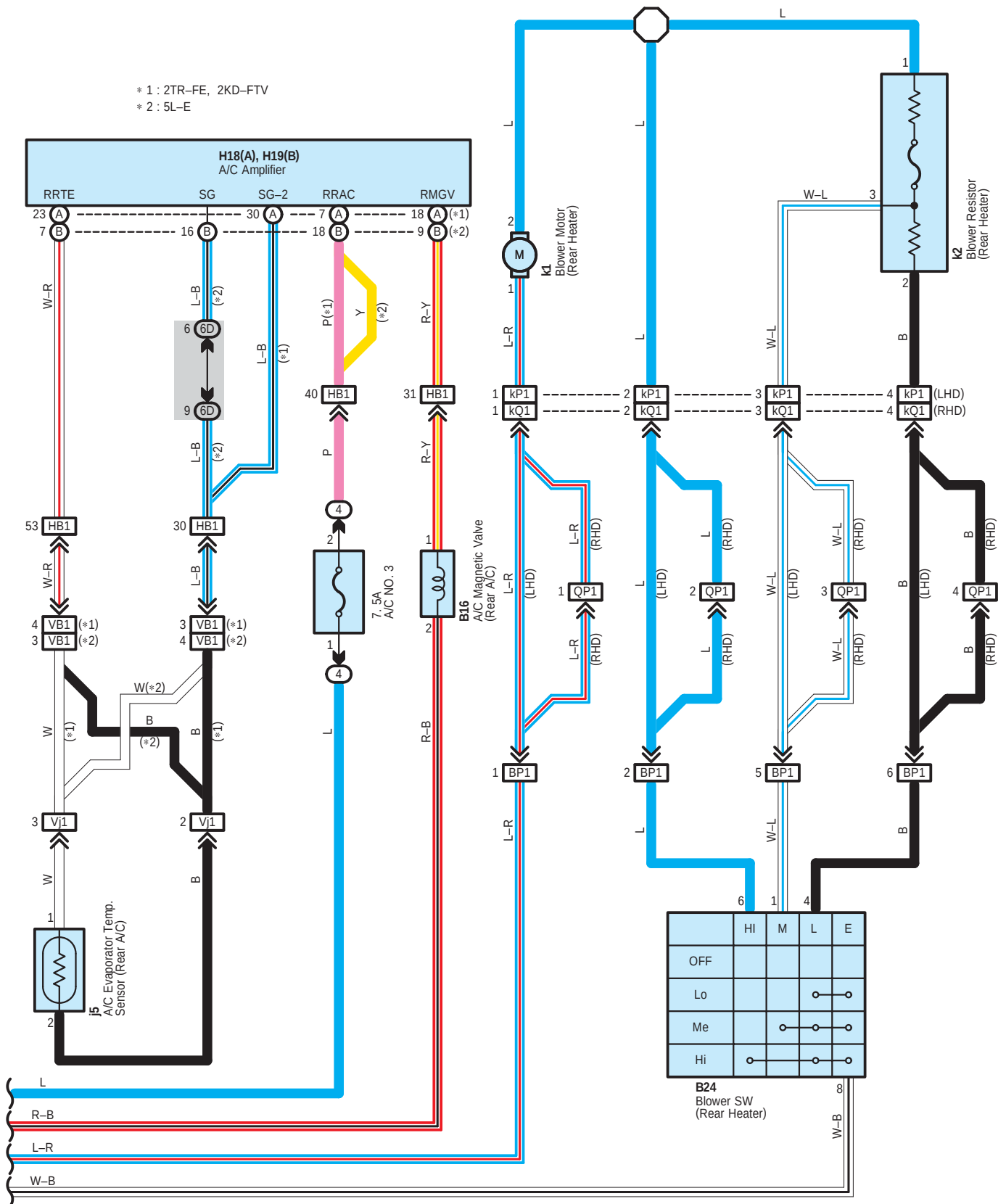


Rear Air Conditioner





Rear Air Conditioner



System Outline

1. Blower Motor Operation

* Low speed operation

When the blower SW (Rear A/C) is moved to LO position, current flows to TERMINAL 4 of the blower SW (Rear A/C) to GROUND, activating the RR CLR relay. This causes the current to flow from the RR CLR fuse to TERMINAL 5 of the RR CLR relay to TERMINAL 3 to TERMINAL 1 of the blower motor (Rear A/C LH, RH) to TERMINAL 3 to TERMINAL 1 of the blower resistor (Rear A/C) to TERMINAL 4 to GROUND, causing the blower motor (Rear A/C LH, RH) to rotate at low speed.

* Medium speed operation

When the blower SW (Rear A/C) is moved to Me position, current flows to TERMINAL 4 of the blower SW (Rear A/C) to GROUND, turning the RR CLR relay to switch on. This causes the current to flow from the RR CLR fuse to TERMINAL 5 of the RR CLR relay to TERMINAL 3 to TERMINAL 1 of the blower motor (Rear A/C LH, RH) to TERMINAL 3 to TERMINAL 1 of the blower resistor (Rear A/C) to TERMINAL 2 to TERMINAL 1 of the blower SW (Rear A/C) to GROUND. At this time, the blower resistance of the blower resistor (Rear A/C) is less than at low speed, so the blower motor (Rear A/C LH, RH) rotates at medium speed.

* High speed operation

When the blower SW (Rear A/C) is moved to HI position, current flows to TERMINAL 4 of the blower SW (Rear A/C) to GROUND, turning the RR CLR relay to switch on.

This causes the current to flow from the RR CLR fuse to TERMINAL 5 of the RR CLR relay to TERMINAL 3 to TERMINAL 1 of the blower motor (Rear A/C LH, RH) to TERMINAL 3 to TERMINAL 6 of the blower SW (Rear A/C) to GROUND, causing the blower motor (Rear A/C LH, RH) to rotate at high speed.

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
B16	44 (*1)	H18	A	49 (LHD)	51 (LHD)
	45 (*2)			57 (RHD)	59 (RHD)
	46 (*3)	H19	B	49 (LHD)	51 (LHD)
	52 (*4)			57 (RHD)	59 (RHD)
	53 (*5)	H42		49 (LHD)	51 (LHD)
	54 (*6)			57 (RHD)	59 (RHD)
B24	50 (LHD)	j1		51 (LHD)	51 (LHD)
	58 (RHD)			59 (RHD)	59 (RHD)
H11	49 (LHD)	j2		51 (LHD)	51 (LHD)
	57 (RHD)			59 (RHD)	59 (RHD)

○ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	22 (*7)	Engine Room R/B No.1 (Engine Compartment Front)
	23 (*8)	
4	29	Instrument Panel R/B (Under the Glove Box)

* 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

Rear Air Conditioner



: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	24	Engine Room Main Wire and Engine Room J/B No.1 (Engine Compartment Front)
5D	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)
5H	30	Instrument Panel Wire and Instrument Panel J/B (Left Side of Instrument Panel)
5M	31	
5S		
6D	38 (LHD)	
	38 (RHD)	Instrument Panel Wire and Center J/B (Instrument Panel Reinforcement RH)
6F	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)
BP1	66 (LHD)	Engine Room Main Wire and Frame Wire (Under the Floor Panel)
	74 (RHD)	
HB1	64 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Under the Instrument Panel J/B)
	72 (RHD)	
QP1	74 (RHD)	Frame No.2 Wire and Frame Wire (Near the Fuel Tank)
VB1	66 (LHD)	Roof No.3 Wire and Engine Room Main Wire (Center Pillar LH)
	74 (RHD)	
Vj1	66 (LHD)	Roof No.3 Wire and Rear A/C Sub Wire (Left Side of Rear A/C Unit)
	74 (RHD)	
kP1	66 (LHD)	Rear A/C Sub Wire and Frame Wire (Near the Rear Heater Unit)
kQ1	74 (RHD)	Rear A/C Sub Wire and Frame No.2 Wire (Near the Rear Heater Unit)



: Ground Points

Code	See Page	Ground Points Location
B2	60 (*1)	Front Floor Panel Right
	61 (*2)	
	62 (*3)	
	68 (*4)	
	69 (*5)	
	70 (*6)	
B3	60 (*1)	Front Floor Panel Left
	61 (*2)	
	62 (*3)	
	68 (*4)	
	69 (*5)	
	70 (*6)	
H2	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

