

System Outline

Low-speed Operation

When the A/C is operated, the fan no.3 relay is activated and the current flows from CDS fuse through the fan no.3 relay (Point side), to condenser fan motor TERMINAL 2, to TERMINAL 1, to fan no.2 relay TERMINAL 3, to TERMINAL 4, radiator fan motor TERMINAL 2, to TERMINAL 1, to GROUND, and the motor rotates at LOW speed.

High-speed Operation

When the pressure SW or water temp. SW (1CD-FTV) is ON the fan no.1 relay, fan no.2 relay, and fan no.3 relay is activated respectively, and the current flows from the CDS fuse through the fan no.3 relay (Point side), to condenser fan motor TERMINAL 2, to TERMINAL 1, to fan no.2 relay TERMINAL 3, to TERMINAL 5 to GROUND. At the same time, the current flows from the RDI fuse through fan no.1 relay (Point side), to radiator fan motor TERMINAL 2, to radiator fan motor TERMINAL 1 to GROUND, and respective motors rotate at high speed.

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
A12	46 (RHD)	E9	47 (RHD)	R1	45 (RHD 1CD-FTV)
C3	42 (RHD 1AZ-FE)	P2	43 (RHD 1AZ-FE)	W2	45 (RHD 1CD-FTV)
	44 (RHD 1CD-FTV)		45 (RHD 1CD-FTV)		
D4	47 (RHD)	R1	43 (RHD 1AZ-FE)		

○ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
2	22	Engine Room R/B (Front Side of Left Suspension Tower)

○ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
IL	25 (RHD)	Instrument Panel J/B and Engine Room Main Wire (Left Side of Grove Box)

□ : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EA1	62 (RHD 1AZ-FE)	Engine Wire and Engine Room Main Wire (Near The Engine Room R/B)
	64 (RHD 1CD-FTV)	
IH2	68 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar RH)

▽ : Ground Points

Code	See Page	Ground Points Location
EA	62 (RHD 1AZ-FE)	Left Radiator Side Support
	64 (RHD 1CD-FTV)	

○ : Splice Points

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E16	62 (RHD 1AZ-FE)	Engine Room Main Wire	E17	62 (RHD 1AZ-FE)	Engine Room Main Wire
	64 (RHD 1CD-FTV)			64 (RHD 1CD-FTV)	