SYSTEM OUTLINE

FAN MOTOR OPERATION

When the ignition SW is turned on, the current from the **IGN** fuse flows to the FAN NO.1 relay (Coil side) and the FAN NO.2 relay (Coil side) to **TERMINAL 3** of the A/C single pressure SW to T**ERMINAL 2** to **TERMINAL 2** of the water temp. SW to **TERMINAL 1** to **GROUND**, and the FAN NO.1 relay is turned off and the FAN NO.2 relay is turned on.

* Low speed operation
  When the ignition SW is turned on and the A/C is activated, current flows from the A/C COMP relay (Point side) to the FAN NO.3 relay (Coil side) to **GROUND**, and the FAN NO.3 relay is turned on. As a result, current from the **CDS FAN** fuse flows to **TERMINAL 2** of the A/C condenser fan motor to **TERMINAL 1** to the FAN NO.2 relay (Point side) to the FAN NO.3 relay (Point side) to **TERMINAL 2** of the radiator fan motor to **TERMINAL 1** to **GROUND**, rotating both of the fan motors at low speed.
  If the engine coolant temperature is approx. **90**˚C (**194**˚F) or less, and the refrigerant pressure is approx. **15.5** kgf/cm^2 (**1520** kpa, **220.4** psi) or less, both the water temp. SW and the A/C signal pressure SW are closed, so that the FAN NO.1 relay is turned off and the FAN NO.2 relay is turned on. As a result, both of the fan motor operate at low speed.

* High speed operation
  When, during A/C operation, the refrigerant pressure becomes higher than ordinary level (Approx. **15.5** kgf/cm^2 (**220.4** psi, **1520** kpa)), the A/C single pressure SW is turned off. As a result, the FAN NO.1 relay is turned on and FAN NO.2 relay is turned off, and the current flows from the **RDI FAN** fuse to FAN NO.1 relay (Point side) to **TERMINAL 2** of the radiator fan motor to **TERMINAL 1** to **GROUND**, and current from the **CDS FAN** fuse flows to **TERMINAL 2** of the A/C condenser fan motor to **TERMINAL 1** to the FAN NO.2 relay (Point side) to **GROUND**, rotating both of the fan motors in parallel, thus causing the fan motors to operate at high speed.
  Note that, because the current flows in the same manner even if the coolant temperature is approx. **90**˚C (**194**˚F) or higher, the fan motors still operate at high speed.

SERVICE HINTS

A4 A/C SINGLE PRESSURE SW

2–3 : Open above approx. **15.5** kgf/cm^2 (**220.4** psi, **1520** kpa)
Close below approx. **12.5** kgf/cm^2 (**177.7** psi, **1225.8** kpa)

W4 WATER TEMP. SW

1–2 : Open above approx. **90**˚C (**194**˚F)
Closed below approx. **83**˚C (**181.4**˚F)

: PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
A2	68 (LHD)	J5	70 (LHD)	R1	70 (LHD)
	82 (RHD)	J15	74 (LHD)		84 (RHD)
A4	68 (LHD)	J29	84 (RHD)	W4	70 (LHD)
	82 (RHD)	J36	88 (RHD)		84 (RHD)

: RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
1	54 (LHD)	Engine Room No.1 R/B (Engine Compartment Right)
	54 (RHD)	Engine Room No.1 R/B (Engine Compartment Left)
3	56	Engine Room No.3 R/B (Engine Compartment Left)

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1G	59 (LHD)	Cowl Wire and Driver Side J/B (Left Kick Panel)
	59 (RHD)	Cowl Wire and Driver Side J/B (Right Kick Panel)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EB1	96 (LHD)	Cowl Wire and Relay Block Wire (Inside of the Engine Room No.3 R/B)
	106 (RHD)	
EB2	96 (LHD)	
	106 (RHD)	
IA1	98 (LHD)	Engine Room Main Wire and Cowl Wire (Near the Driver Side J/B)
	108 (RHD)	Engine Room Main Wire and Cowl Wire (Near the Passenger Side R/B)
IA2	108 (RHD)	Engine Room Main Wire and Cowl Wire (Near the Passenger Side R/B)
IC1	98 (LHD)	Floor No.2 Wire and Cowl Wire (Left Kick Panel)
	108 (RHD)	
II2	100 (LHD)	Engine Room Main Wire and Cowl Wire (Near the Passenger Side R/B)

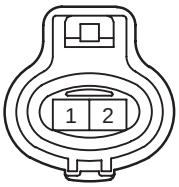
: GROUND POINTS

Code	See Page	Ground Points Location
EB	96 (LHD)	Left Fender
	106 (RHD)	
EE	96 (LHD)	Under the ABS & TRC & VSC Actuator
	106 (RHD)	

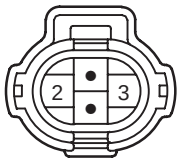
: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E4	96 (LHD)	Cowl Wire	E4	106 (RHD)	Cowl Wire

A2 GRAY



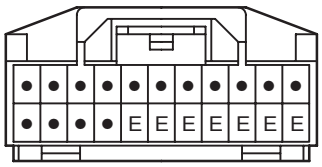
A4 BLACK



J5 BLUE

(Hint : See Page 7, 23, 39)

J15

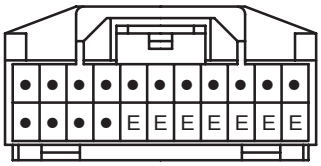


(Hint : See Page 7, 23, 39)

J29 BLUE

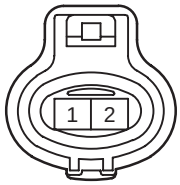
(Hint : See Page 7, 23, 39)

J36



(Hint : See Page 7, 23, 39)

R1 GRAY



W4