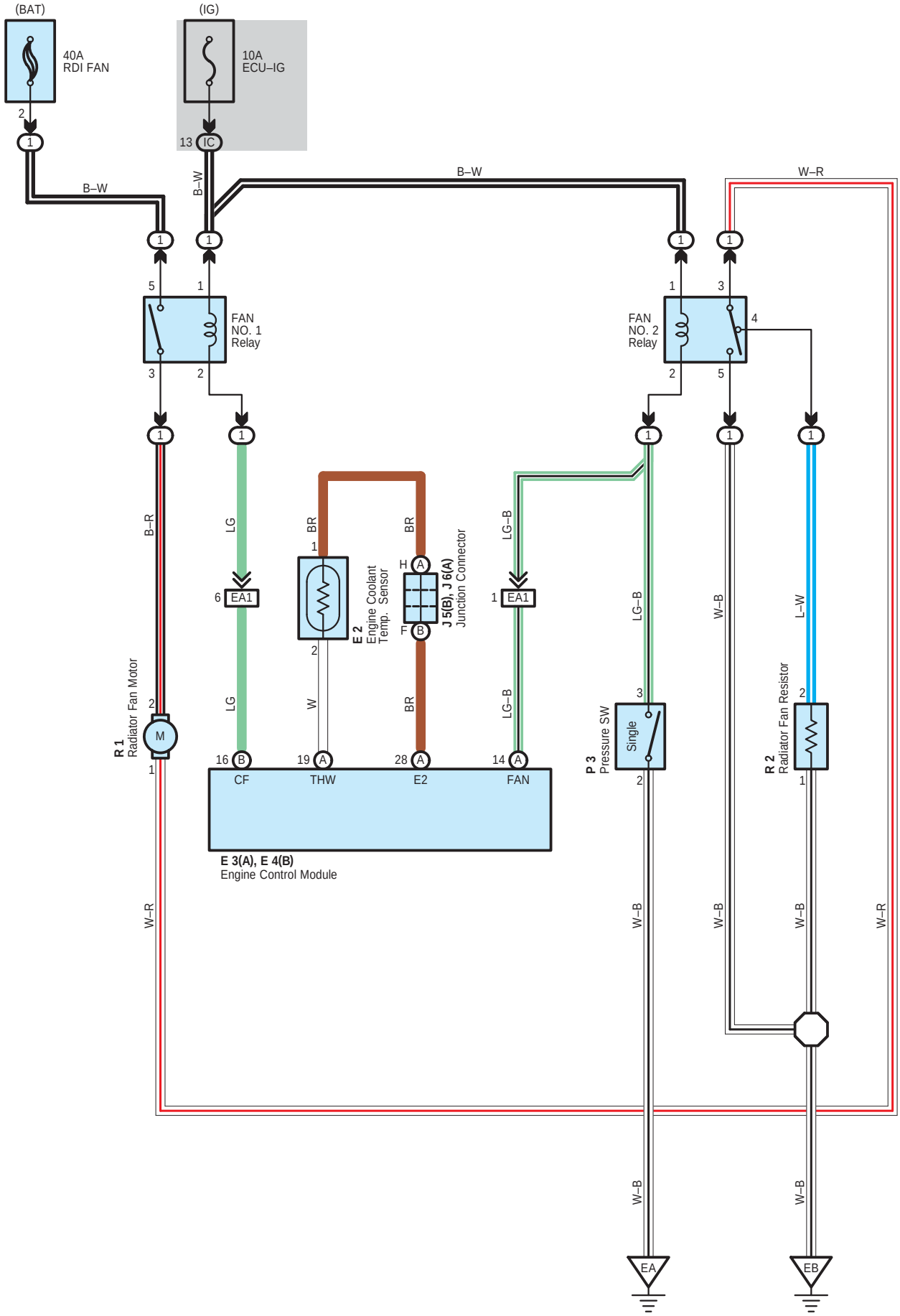
(BAT)
(IG)
40A
RDI FAN
10A
ECU–IG
13 IC
B–W
B–W
B–W
W–R
FAN
NO. 1
Relay
FAN
NO. 2
Relay
B–R
LG
BR
LG–B
W
W–B
L–W
W–R
R 1
Radiator Fan Motor
E 2
Engine Coolant
Temp. Sensor
J 5(B), J 6(A)
Junction Connector
P 3
Pressure SW
Single
R 2
Radiator Fan Resistor
CF
THW
E2
FAN
E 3(A), E 4(B)
Engine Control Module
EA
EB

System Outline

The current is applied at all times through the RDI FAN fuse to TERMINAL 5 of the FAN NO.1 relay.
When the ignition SW is turned on, the current flows through the ECU–IG fuse to FAN NO.1 relay (Coil side) to TERMINAL CF of the engine control module. At the same time as this current flow, the current from ECU–IG fuse flows to the FAN NO.2 relay (Coil side) to TERMINAL 3 of the pressure SW.

1. Low Speed Operation

When the A/C system is operating, the FAN NO.1 Relay is turned on. As a result, 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 TERMINAL 3 of the FAN NO.2 relay to TERMINAL 4 to TERMINAL 2 of the radiator fan resistor to TERMINAL 1 to GROUND, and the radiator fan motor rotates at low speed.

2. High Speed Operation

When the pressure SW is on or engine control module operated, the FAN NO.1 and NO.2 relay is turned on. As a result, the current flows from the RDI FAN fuse to FAN NO.1 relay (Point side) to radiator fan motor to TERMINAL 3 of the FAN NO.2 Relay to TERMINAL 5 to GROUND, and the radiator fan motor rotates at high speed.

: Parts Location

Code		See Page	Code		See Page	Code	See Page
E2		34	J5	B	37	R1	35
E3	A	36	J6	A	37	R2	35
E4	B	36	P3		35		

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	23	Engine Room R/B (Engine Compartment Left)

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	25	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EA1	40	Engine Wire and Engine Room Main Wire (Inside of the Engine Room R/B)

: Ground Points

Code	See Page	Ground Points Location
EA	40	Front Right Fender
EB	40	Front Left Suspension Tower