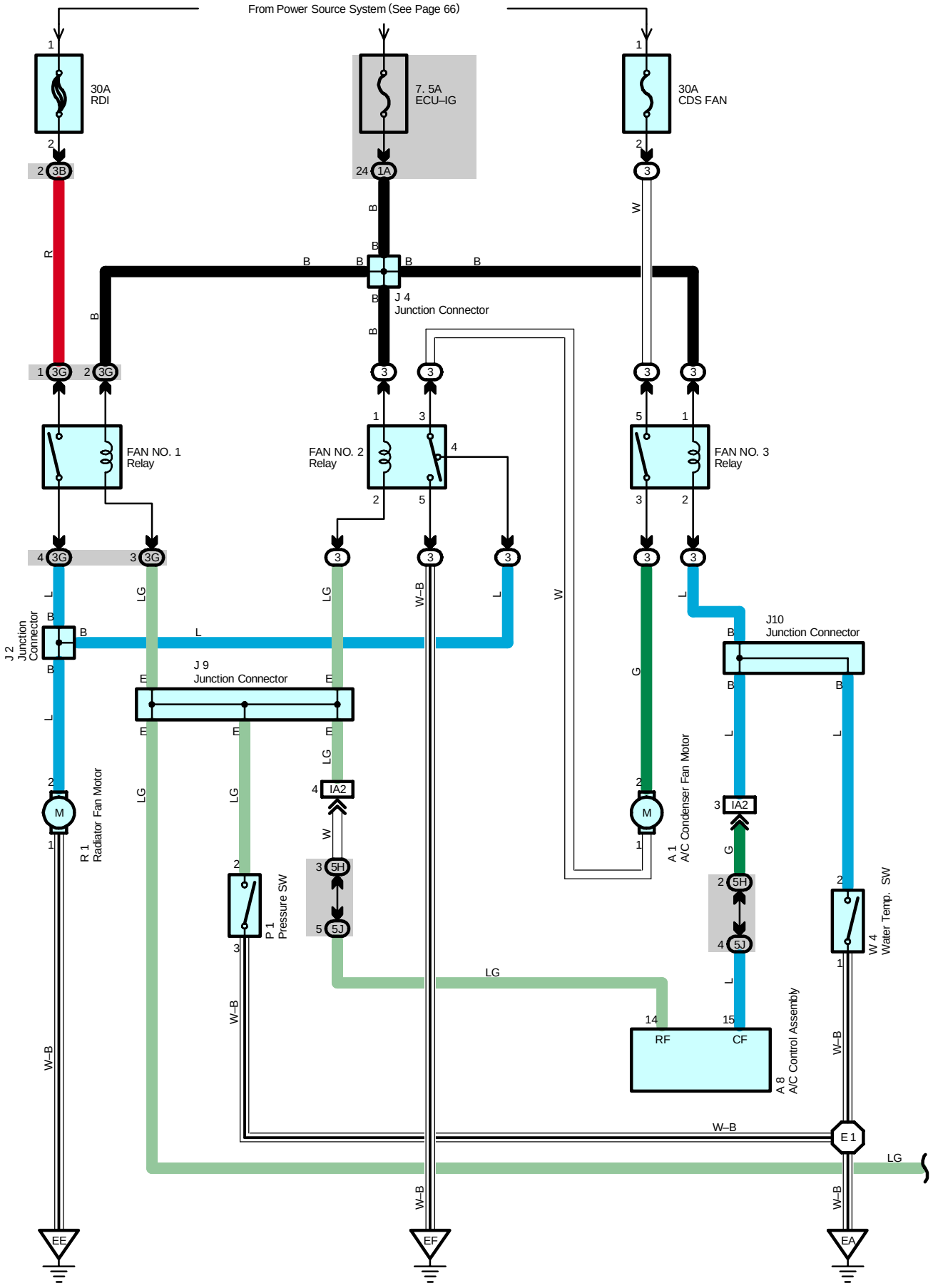
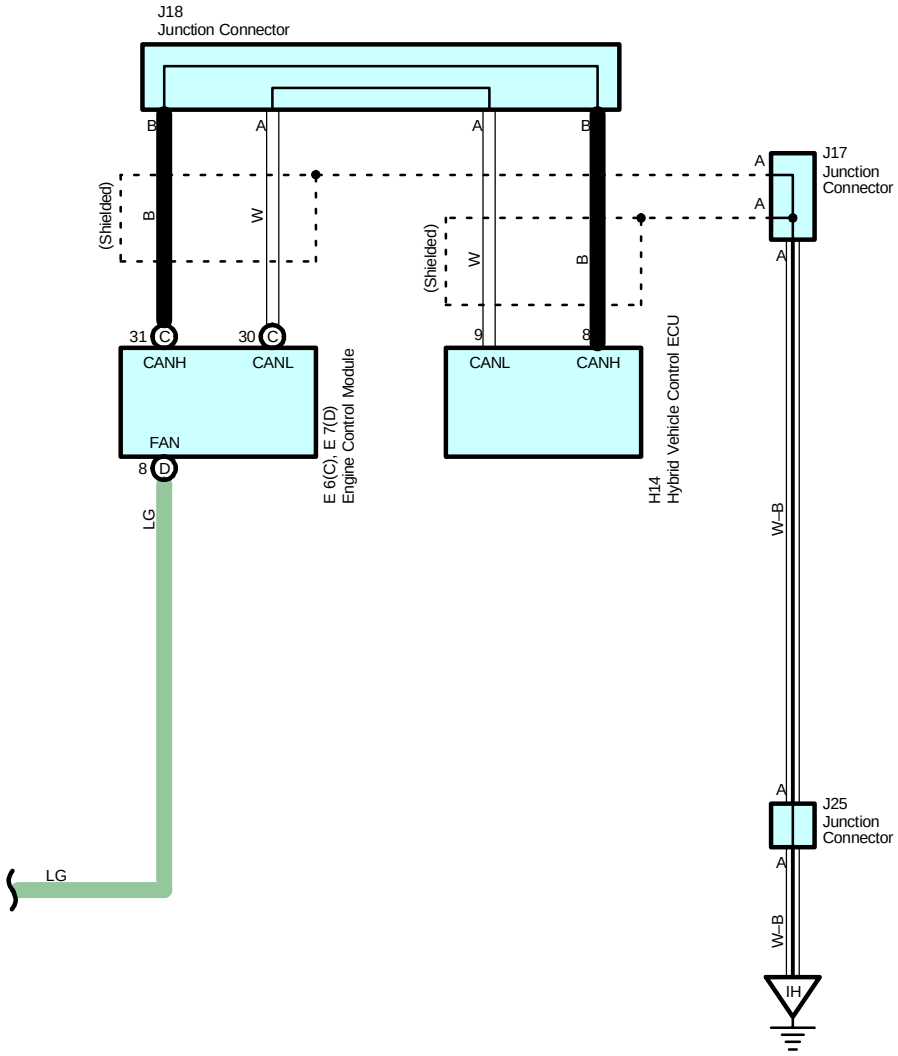
Radiator Fan and Condenser Fan




J18
Junction Connector
B
A
A
B
(Shielded)
B
W
W
(Shielded)
B
31
C
30
C
9
8
CANH
CANL
CANL
CANH
FAN
8
D
E 6(C), E 7(D)
Engine Control Module
H14
Hybrid Vehicle Control ECU
LG
LG
A
A
J17
Junction
Connector
A
W-B
A
J25
Junction
Connector
A
W-B
IH

Radiator Fan and Condenser Fan

System Outline

The radiator fan motor and A/C condenser fan motor operate according to the water temp. SW (Inverter), A/C single pressure SW, engine coolant temp. and the A/C system condition. The FAN NO.1 relay, FAN NO.2 relay, FAN NO.3 relay are turned on/off, to operate the fan motors at low speed (In series), or high speed (In parallel).

1. Low Speed operation

When the water temp. SW (Inverter) is on and/or A/C control assembly is in operation, the radiator fan motor and A/C condenser fan motor operate at low speed.

2. High Speed Operation

When the pressure SW (Single) is on, engine control module and/or A/C control assembly, the radiator fan motor operate and A/C condenser fan motor operates at high speed.

Service Hints

P1 Pressure SW

3–2 : Close above approx. 1520 kpa (15.5 kgf/cm^2. 220 psi)
Open below approx. 1230 kpa (12.5 kgf/cm^2. 178 psi)

: Parts Location

Code	See Page	Code	See Page	Code	See Page
A1	44	J2	45	J18	48
A8	46	J4	45	J25	48
E6 C	47	J9	48	P1	45
E7 D	47	J10	48	R1	45
H14	47	J17	48	W4	45

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
3	22	Engine Room R/B (Engine Compartment Left)

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	28	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
3B	22	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
3G		
5H	40	Instrument Panel Wire and Center Connector No.2 (Instrument Panel Brace RH)
5J		

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA2	56	Engine Room Main Wire and Instrument Panel Wire (Upper Parts of Front Body Pillar LH)

: Ground Points

Code	See Page	Ground Points Location
EA	54	Right Side of the Fender Apron
EE	54	Left Side of the Suspension Tower
EF		
IH	56	Cowl Side Panel LH

: Splice Points

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E1	54	Engine Room Main Wire			