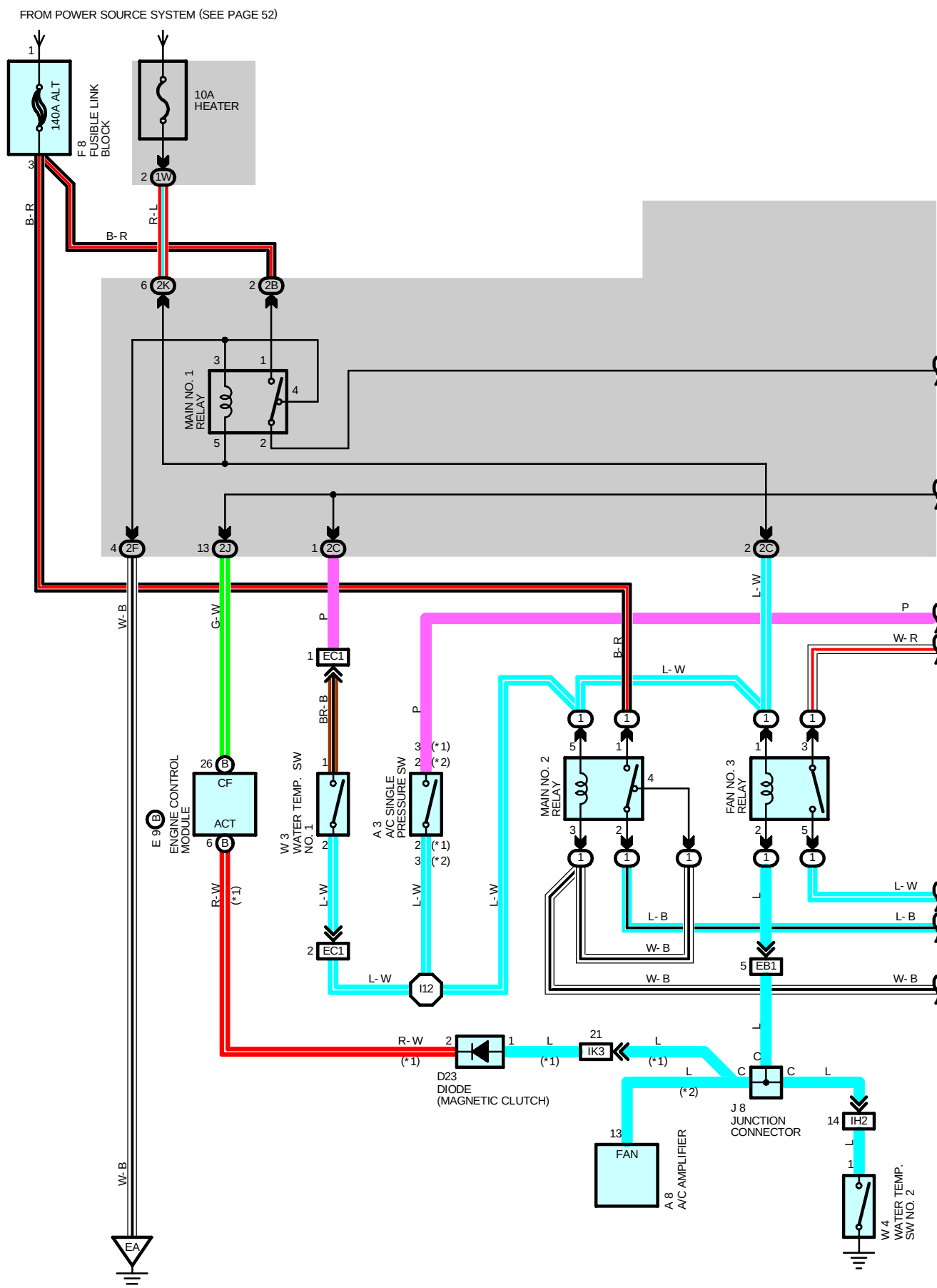
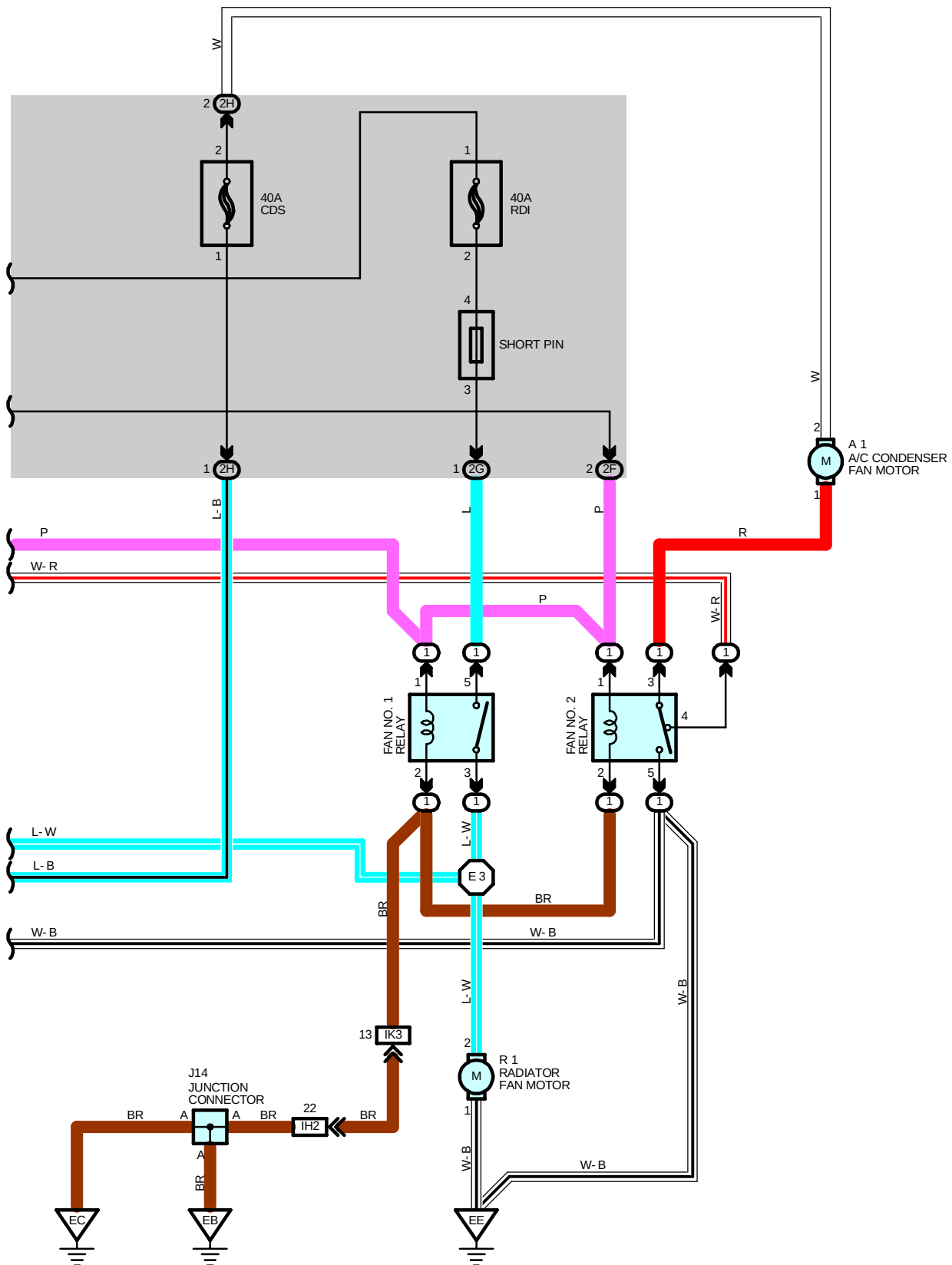


RADIATOR FAN AND CONDENSER FAN (TOWING PACKAGE)



* 1 : AUTOMATIC AIR CONDITIONING
 * 2 : MANUAL AIR CONDITIONING



RADIATOR FAN AND CONDENSER FAN (TOWING PACKAGE)

SYSTEM OUTLINE

FAN MOTOR OPERATION

With the ignition SW turned on, the current through the HEATER fuse flows to the main no.1 relay (Coil side), FAN NO. 3 relay (Coil side), TERMINAL 2 (Automatic air conditioning), 3 (Manual air conditioning) of the A/C single pressure SW, TERMINAL 2 of the water temp. SW no. 1 and MAIN NO. 2 relay (Coil side).

1. LOW SPEED OPERATION

Only when the A/C system is activated or the water temp. SW no. 2 is turned on, the A/C condenser fan motor and the radiator fan motor rotates at low speed.

When the A/C system is activated, the current from HEATER fuse flows to the FAN NO. 3 relay (Coil side) to TERMINAL (B) 6 of the engine control module (Automatic air conditioning) or TERMINAL 13 of the A/C amplifier (Manual air conditioning), causing the FAN NO. 3 relay to turn on. As a result, the current through the CDS fuse flows to TERMINAL 2 of the A/C condenser fan motor to TERMINAL 1 to TERMINAL 3 of the FAN NO. 2 relay to TERMINAL 4 to TERMINAL 3 of the FAN NO. 3 relay to TERMINAL 5 to TERMINAL 2 of the radiator fan motor to TERMINAL 1 to GROUND. As the current flows to the motors in series, the motors rotate at low speed.

When the water temp. SW no. 2 is turned on, the current from HEATER fuse flows to the FAN NO. 3 relay (Coil side) to TERMINAL 1 of the water temp. SW no. 2 to GROUND, causing the FAN NO. 3 relay to turn on. As a result, the current through the CDS fuse flows through the same route as above, rotating the motors at low speed.

2. HIGH SPEED OPERATION

Only when the A/C single pressure SW is turned on or the water temp. SW no. 1 is turned on, the A/C condenser fan motor and the radiator fan motor rotate at high speed.

When the A/C single pressure SW is turned on or the water temp. SW no. 1 is turned on, the current from the RDI fuse flows to the FAN NO. 1 relay (Point side) to TERMINAL 2 of the radiator fan motor to TERMINAL 1 to GROUND. At the same time, the current from the CDS fuse flows to TERMINAL 2 of the A/C condenser fan motor to TERMINAL 1 to TERMINAL 3 of the FAN NO.2 relay to TERMINAL 5 to GROUND.

As the current to the motors flow in parallel as above, the motors rotate at high speed.

SERVICE HINTS

A3 A/C SINGLE PRESSURE SW

3-2 : Open above approx. **15.5 kgf/cm² (224 psi, 1520 kpa)**

Closed below approx. **12.5 kgf/cm² (181 psi, 1225 kpa)**

W3 WATER TEMP. SW NO.1

2-1 : Closed above approx. **95°C (203°F)**

W4 WATER TEMP. SW NO.2

1-GROUND : Closed above approx. **90°C (194°F)**

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
A1	32	E9 B	34	R1	33
A3	32	F8	32	W3	33
A8	34	J8	35	W4	33
D23	32	J14	35		

○ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
1	28	Engine Room R/B No.1 (Engine Compartment Left)

 : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1W	22	Cowl Wire and Driver Side J/B No.1 (Lower Finish Panel)
2B	24	Engine Room Main Wire and Engine Room J/B No.2 (Engine Compartment Left)
2C		
2F		
2G		
2H		
2J	24	Cowl Wire and Engine Room J/B No.2 (Engine Compartment Left)
2K		

 : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EB1	40	Cowl Wire and Engine Room Main Wire (Inside the Lower Cover of Engine Room J/B No.2)
EC1	40	Engine Room Main Wire and Engine Room No.2 Wire (Near the Condenser Fan Motor)
IH2	44	Engine Wire and Cowl Wire (Front Side of the Blower Motor)
IK3	44	Engine Room Main Wire and Cowl Wire (Right Cowl Side Panel)

 : GROUND POINTS

Code	See Page	Ground Points Location
EA	40	Front Side of the Right Fender Apron
EB	40	Right Side of the Surge Tank
EC	40	Rear Side of the Surge Tank
EE	40	Front Side of the Left Fender Apron

 : SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E3	40	Engine Room Main Wire	I12	44	Engine Room Main Wire