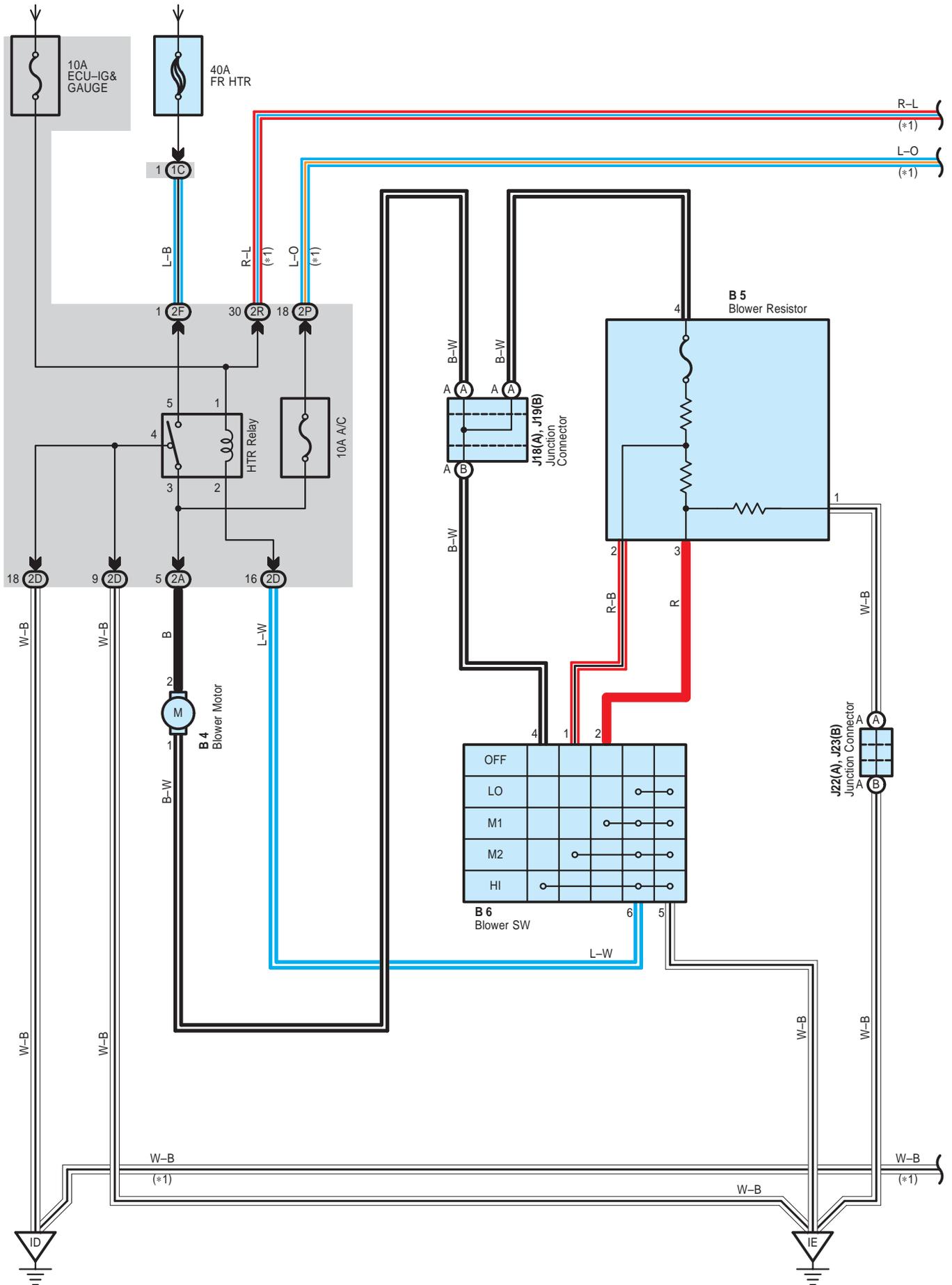
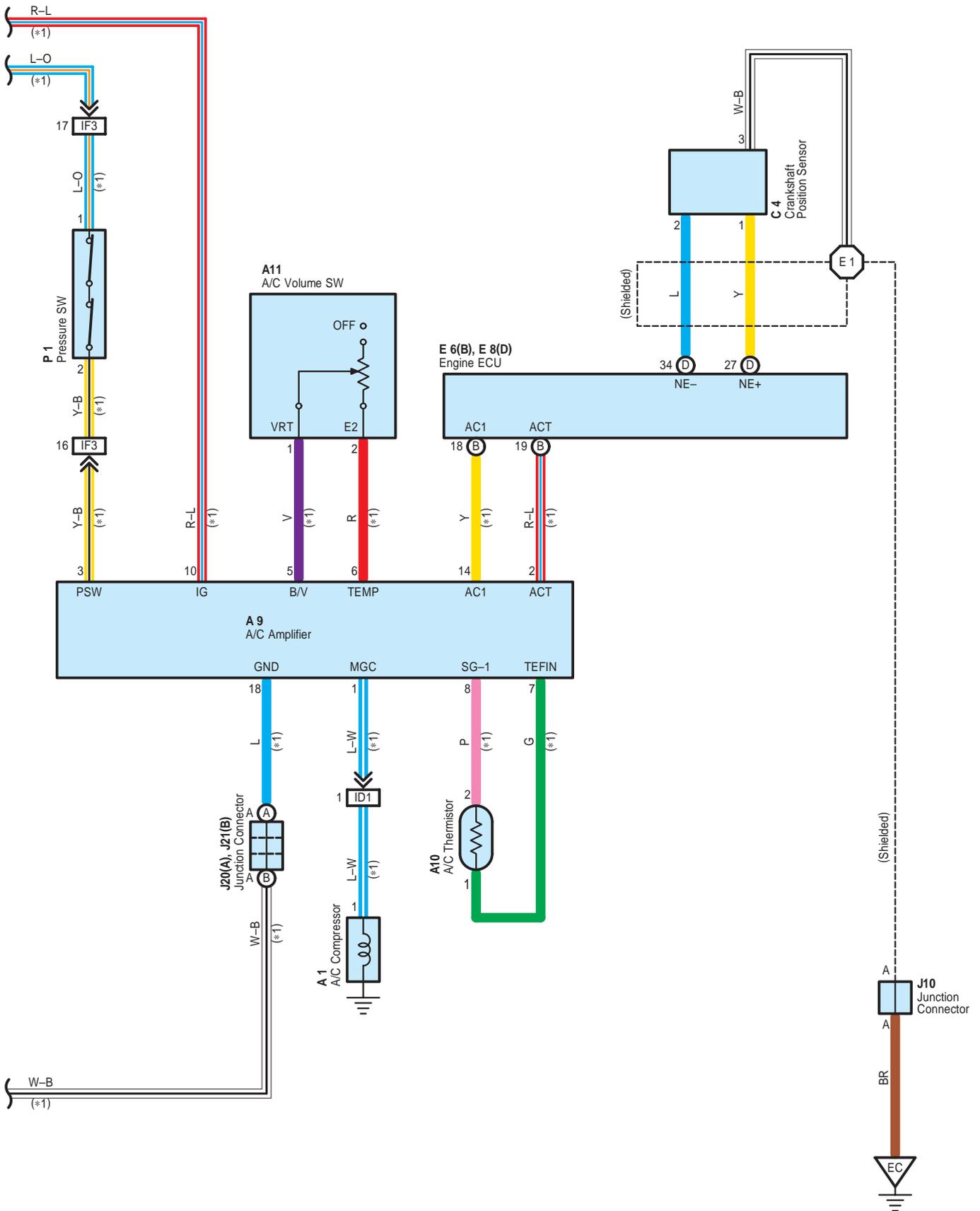


Air Conditioner

From Power Source System (See Page 60)





Air Conditioner

System Outline

Current is applied at all times through the FR HTR fuse to TERMINAL 5 of the HTR relay.

When the ignition SW is turned on, the current flows through the ECU-IG&GAUGE fuse to TERMINAL 1 of the HTR relay to TERMINAL 2 to TERMINAL 6 of the blower SW.

Blower Motor Operation

* Low speed operation

When the blower SW is moved to LO position, the current flows to TERMINAL 6 of the blower SW to TERMINAL 5 to GROUND, causing the HTR relay to turn on. This causes the current flows from the FR HTR fuse to TERMINAL 5 of the HTR relay to TERMINAL 3 to TERMINAL 2 of the blower motor to TERMINAL 1 to TERMINAL 4 of the blower resistor to TERMINAL 1 to GROUND, rotating the blower motor at low speed.

* Medium speed operation (Operation at M1, M2)

When the blower SW is moved to M1 position, the current flows to TERMINAL 6 of the blower SW to TERMINAL 5 to GROUND, causing the HTR relay to turn on. This causes the current flows from the FR HTR fuse to TERMINAL 5 of the HTR relay to TERMINAL 3 to TERMINAL 2 of the blower motor to TERMINAL 1 to TERMINAL 4 of the blower resistor to TERMINAL 3 to TERMINAL 2 of the blower SW to TERMINAL 5 to GROUND. At this time, the blower resistance of the blower resistor is smaller than at low speed, so the blower motor rotates at medium low speed.

When the blower SW is moved to M2 position, the current flows through the HTR relay to TERMINAL 2 of the blower motor to TERMINAL 1 to TERMINAL 4 of the blower resistor to TERMINAL 2 to TERMINAL 1 of the blower SW to TERMINAL 5 to GROUND. At this time, resistance of the blower resistor is smaller than at M1 position, so the blower motor rotates at medium high speed.

* High speed operation

When the blower SW is moved to HI position, the current flows to TERMINAL 6 of the blower SW to TERMINAL 5 to GROUND, causing the HTR relay to turn on.

This causes the current flows from the FR HTR fuse to TERMINAL 5 of the HTR relay to TERMINAL 3 to TERMINAL 2 of the blower motor to TERMINAL 1 to TERMINAL 4 of the blower SW to TERMINAL 5 to GROUND, rotating the blower motor at high speed.

Service Hints

HTR Relay

5-3 : Closed with the ignition SW at ON position and the blower SW on

P1 Pressure SW

1-2 : Open with the refrigerant pressure at less than approx. 2.0 kgf/cm² (28.4 psi, 196.1 kpa) or more than approx. 32.0 kgf/cm² (455 psi, 3138.1 kpa)

A9 A/C Amplifier

10-Ground : Approx. 12 volts with the ignition SW at ON position

18-Ground : Always continuity

○ : Parts Location

| Code | See Page | Code | See Page | Code | See Page |
|------|----------|------|----------|------|----------|
| A1 | 36 | B6 | 38 | J19 | B 38 |
| A9 | 38 | C4 | 36 | J20 | A 38 |
| A10 | 38 | E6 | B 38 | J21 | B 38 |
| A11 | 38 | E8 | D 38 | J22 | A 38 |
| B4 | 38 | J10 | 38 | J23 | B 38 |
| B5 | 38 | J18 | A 38 | P1 | 37 |

○ : Junction Block and Wire Harness Connector

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---|
| 1C | 23 | Engine Room Main Wire and Engine Room J/B (Engine Compartment Left) |
| 2A | 28 | Instrument Panel Wire and Driver Side J/B (Instrument Panel Brace RH) |
| 2D | | |
| 2F | 28 | Engine Room Main Wire and Driver Side J/B (Instrument Panel Brace RH) |
| 2P | 29 | Instrument Panel Wire and Driver Side J/B (Instrument Panel Brace RH) |
| 2R | | |

 : **Connector Joining Wire Harness and Wire Harness**

| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|--------------------|--|
| ID1 | 48 | Engine Wire and Instrument Panel Wire (Behind the Glove Box) |
| IF3 | 50 | Engine Room Main Wire and Instrument Panel Wire (Behind the Driver Side J/B) |

 : **Ground Points**

| Code | See Page | Ground Points Location |
|------|--------------------|---------------------------------------|
| EC | 46 | Rear Side of the Cylinder Block |
| ID | 48 | Instrument Panel Reinforcement Center |
| IE | 48 | Instrument Panel Reinforcement RH |

 : **Splice Points**

| Code | See Page | Wire Harness with Splice Points | Code | See Page | Wire Harness with Splice Points |
|------|--------------------|---------------------------------|------|----------|---------------------------------|
| E1 | 46 | Engine Wire | | | |