

The diagram illustrates the electrical wiring for the front blower with fan motor sub-assembly. It shows the connection of various components to a terminal block and ground.

Components and Connections:

- (BAT) 50A HTR:** Connected to terminal 1 (L) and ground (H3).
- (BAT) 25A CDS FAN:** Connected to terminal 2 (SB) and ground (A3).
- (IG) 10A A/C IG:** Connected to terminal 3 (DB) and ground (H3).
- (BAT) 7.5A A/C:** Connected to terminal 4 (DD) and ground (H3).
- CDS FAN Relay:** Connected to terminals 5 (SB) and 6 (W).
- MGT CLT Relay:** Connected to terminals 7 (W) and 8 (W).
- D39 Cooler Compressor Assembly:** Includes a Magnetic Clutch and Lock Sensor. Connected to terminals 9 (MG+), 10 (SSR+), and 11 (SSR-).
- A18 Ambient Temperature Sensor (No. 1 Cooler Thermostat):** Connected to terminals 12 (V) and 13 (R).
- A22 AC Pressure Sensor:** Connected to terminals 14 (PR) and 15 (I).
- H16 Front Room Temperature Sensor (Cooler Thermostat):** Connected to terminals 16 (G) and 17 (B).
- I21 Automatic Light Control Sensor:** Includes a Solar Sensor. Connected to terminals 18 (CLTB), 19 (CLTE), and 20 (TSL).
- Other Sensors and Relays:**
 - DEICER Relay:** Connected to terminals 21 (GR) and 22 (D).
 - MIR HTR Relay:** Connected to terminals 23 (L) and 24 (R).
 - Multiplex Communication System (CAN):** Connected to terminals 25 (CANH) and 26 (CANL).
 - AC1 and ACT:** Connected to terminals 27 (O) and 28 (R).
 - DEFOG Relay:** Connected to terminals 29 (R) and 30 (D).

Terminal Block and Grounding:

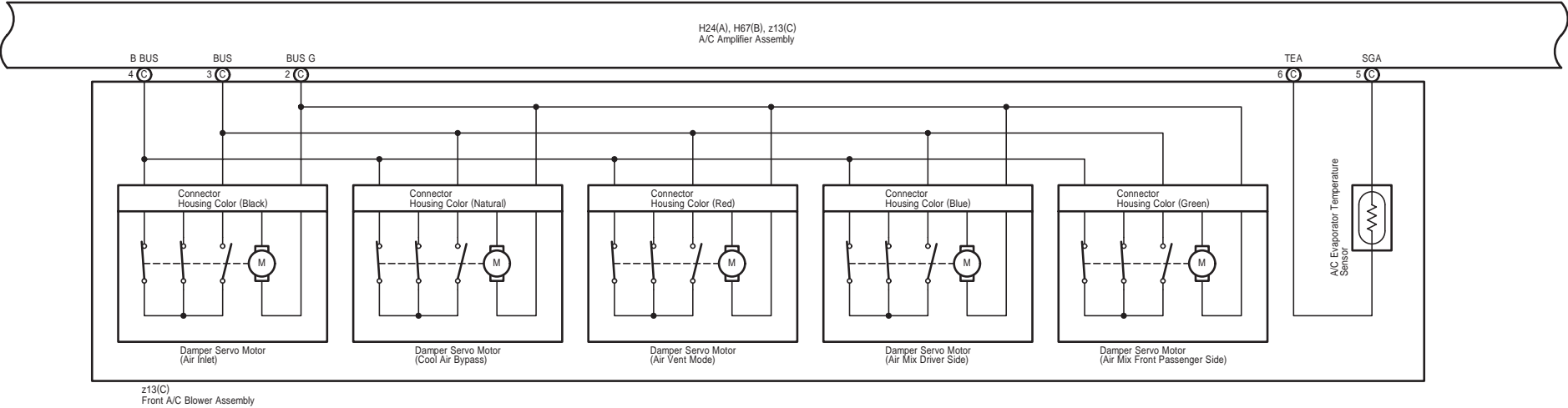
- Terminal 1:** L (Line)
- Terminal 2:** SB (Switching Battery)
- Terminal 3:** DB (Direct Battery)
- Terminal 4:** DD (Direct DC)
- Terminal 5:** SB (Switching Battery)
- Terminal 6:** W (Wire)
- Terminal 7:** W (Wire)
- Terminal 8:** W (Wire)
- Terminal 9:** MG+ (Magnetic Clutch Ground)
- Terminal 10:** SSR+ (Solid State Relay Positive)
- Terminal 11:** SSR- (Solid State Relay Negative)
- Terminal 12:** V (Voltage)
- Terminal 13:** R (Resistance)
- Terminal 14:** PR (Pressure)
- Terminal 15:** I (Insulation)
- Terminal 16:** G (Ground)
- Terminal 17:** B (Battery)
- Terminal 18:** CLTB (Cooler Thermostat Battery)
- Terminal 19:** CLTE (Cooler Thermostat Earth)
- Terminal 20:** TSL (Thermostat Signal)
- Terminal 21:** GR (Ground)
- Terminal 22:** D (DC)
- Terminal 23:** L (Line)
- Terminal 24:** R (Resistance)
- Terminal 25:** CANH (CAN High)
- Terminal 26:** CANL (CAN Low)
- Terminal 27:** O (Output)
- Terminal 28:** R (Resistance)
- Terminal 29:** R (Resistance)
- Terminal 30:** D (DC)

Grounding:

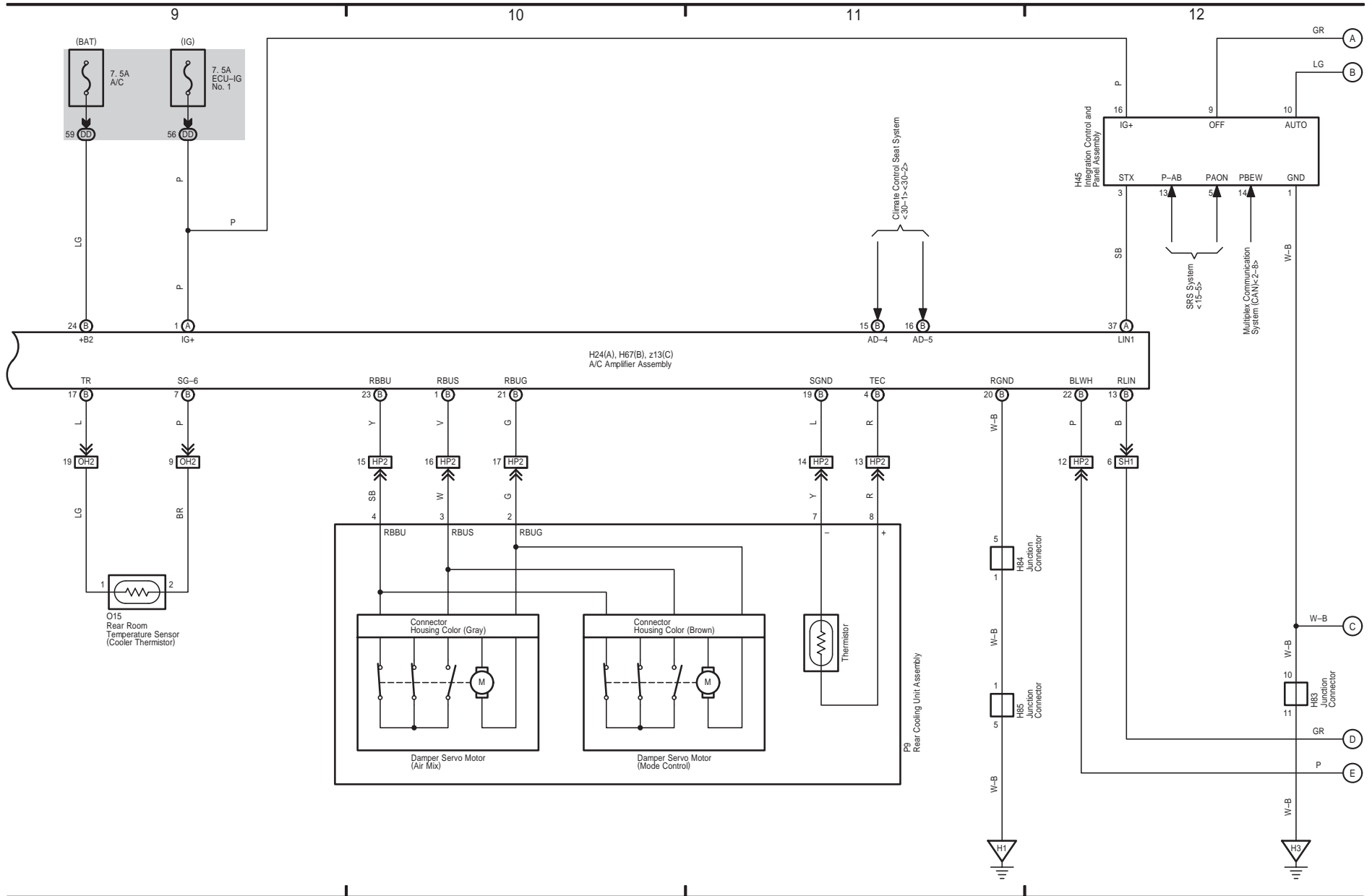
- H3:** Ground connection for the 50A HTR and 10A A/C IG.
- A3:** Ground connection for the 25A CDS FAN.
- H3:** Ground connection for the 7.5A A/C.
- H3:** Ground connection for the D39 Cooler Compressor Assembly.
- H3:** Ground connection for the A18 Ambient Temperature Sensor.
- H3:** Ground connection for the A22 AC Pressure Sensor.
- H3:** Ground connection for the H16 Front Room Temperature Sensor.
- H3:** Ground connection for the I21 Automatic Light Control Sensor.

Air Conditioning

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