

2. Air Conditioning System

A: WIRING DIAGRAM

Refer to “Air Conditioning System” in the wiring diagram. <Ref. to WI-35, WIRING DIAGRAM, Air Conditioning System.>

B: ELECTRICAL SPECIFICATION

Refer to “Auto A/C Control Module I/O Signal” of “HVAC SYSTEM (AUTO A/C) (DIAGNOSTICS)” section. <Ref. to AC(diag)-6, ELECTRICAL SPECIFICATION, Auto A/C Control Module I/O Signal.>

C: INSPECTION

Refer to “Basic Diagnostic Procedure” for “HVAC SYSTEM (AUTO A/C) (DIAGNOSTICS)” section. <Ref. to AC(diag)-2, Basic Diagnostic Procedure.>

D: NOTE

For procedure of each component in the air conditioning system, refer to the respective section.

- Blower motor unit assembly: <Ref. to AC-35, Blower Motor Unit Assembly.>
- Blower motor: <Ref. to AC-37, Blower Motor.>
- Power transistor (auto A/C model): <Ref. to AC-38, Power Transistor (Auto A/C Model).>
- Blower resistor (manual A/C model): <Ref. to AC-39, Blower Resistor (Manual A/C Model).>
- Control panel: <Ref. to AC-47, Control Panel.>
- Compressor: <Ref. to AC-51, Compressor.>
- Condenser: <Ref. to AC-55, Condenser.>
- Heater and cooling unit: <Ref. to AC-59, Heater and Cooling Unit.>
- Evaporator: <Ref. to AC-63, Evaporator.>
- Expansion valve: <Ref. to AC-69, Expansion Valve.>
- Hose & pipe: <Ref. to AC-71, Hose and Pipe.>
- Ambient sensor: <Ref. to AC-73, Ambient Sensor.>
- Sunload sensor (auto A/C model): <Ref. to AC-76, Sunload Sensor (Auto A/C Model).>
- In-vehicle sensor (auto A/C model): <Ref. to AC-78, In-Vehicle Sensor (Auto A/C Model).>
- Evaporator sensor: <Ref. to AC-82, Evaporator Sensor.>
- Intake door actuator: <Ref. to AC-85, FRESH/RECIRC Door Actuator.>
- Mode door actuator: <Ref. to AC-90, Mode Door Actuator.>
- Air mix door actuator: <Ref. to AC-92, Air Mix Door Actuator.>