

Air Conditioner ECU

- The front air conditioner ECU is installed inside the instrument panel (on the side of the blower unit) on the front passenger side, in order to effect full air conditioner control. The front air conditioning ECU functions as one of the ECUs that form part of the onboard multiplex communication system. Thus, it exchanges various types of data with the engine ECU or the meter ECU via various communication lines.
- As on the previous model, auto air conditioner control is used. This control uses a neural network as a means of effecting sophisticated air conditioner control to suit the sensory perception of the occupants. Thus, it enables a comfortable air conditioner operation. In addition, a new humidity sensor is used and the humidity inside the cabin is included as part of the air conditioner control. This ensures the proper anti-fogging performance and improves comfort. At the same time, it reduces the electric power consumption of the air conditioning and realizes fuel economy.
- A customizable function is used to output DTCs (Diagnostic Trouble Codes) and various types of data through the use of a hand-held tester.
- A panel diagnostic function is used, which can be operated and displayed on the air conditioner control panel.

