

Self-Diagnosis

- The DTCs (Diagnostic Trouble Codes) and various types of data can be output by connecting a hand-held tester to the DLC3 external terminal of the vehicle, and operating the tool.

Diagnosis Functions

Function Name	Description
DTC Output Function	• Outputs the DTCs indicating the normal conditions and existing malfunctions (which have been determined by the sensor check of the diagnostic control) to the gateway ECU.
DTC Data Deletion Function	• Deletes the past malfunctions determined by the sensor check of the diagnostic control.
Data Output Function	• Outputs the values input by the outside temperature sensor and the coolant temperature sensor, as well as the outside temperature display value. • Outputs the blower level. • Outputs the set temperatures (for driver and front passenger sides) and the external variable output current to the gateway ECU.
Actuator Check Function	• Outputs control in accordance with the individual movement instructions provided by the gateway ECU.
Customizable Function	• Refer to the customizable function for details.

- Panel diagnostic control is used. If a failure occurs in the display, various sensors, or the actuator, this control stores the failure in memory, and provides DTCs to the service technician by displaying them on the air conditioner control panel.

Panel Diagnosis

Function	Outline
Indicator Check	• Checks mode and temperature setting display.
Sensor Check	• Checks the past and present malfunctions of the sensors, and clearing the past malfunction data.
Actuator Check	• Checks against actuator check pattern if blower motor, servomotors and magnetic clutch (except for 3UZ-FE models) are operating correctly according to signals from ECU