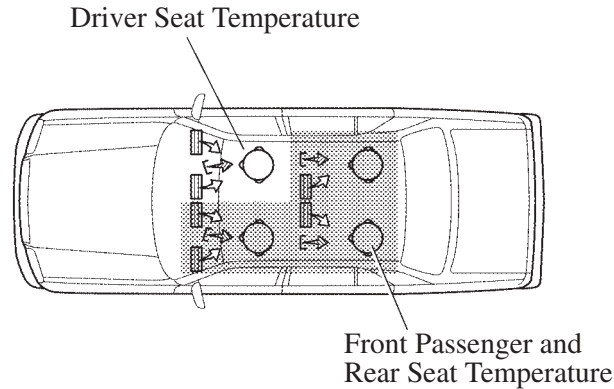


AIR CONDITIONER

FRONT AIR CONDITIONER SYSTEM

The front air conditioner system has the following features:

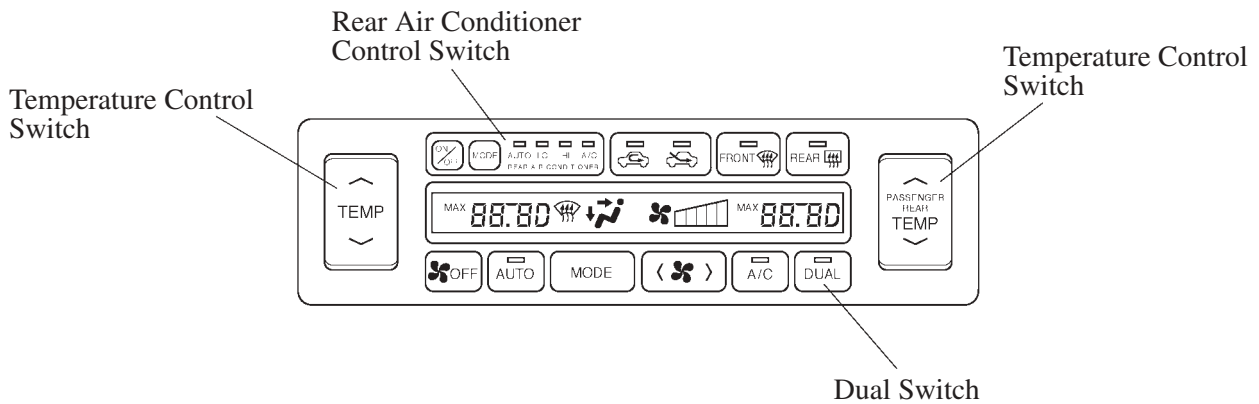
- A fully automatic independently controlled air conditioner is provided to control the temperature for the driver’s area independently from the area for the front passenger and rear passengers.



RHD Model

162BE08

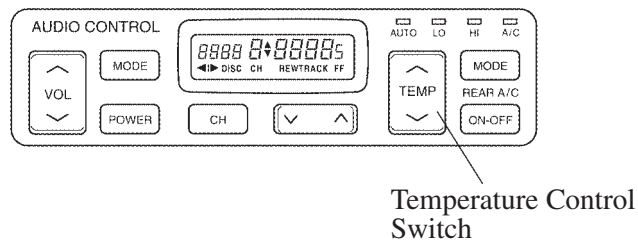
- A “dual” switch that switches between independent control and interlocking control (which sets the cabin temperature altogether) has been provided in the heater control panel.
- Separate temperature control switches are provided for the driver side as well as the passenger side of the heater control panel to ensure the ease of operation of the independent control.
- A rear air conditioner control switch is provided on the heater control panel to enable either the driver or the front passenger to control the rear air conditioner.
- A self-diagnosis system that stores diagnostic codes in memory if a malfunction occurs in the air conditioner system, and which can later be retrieved by operating a switch on the heater control panel, is provided.



LHD Model

162BE03

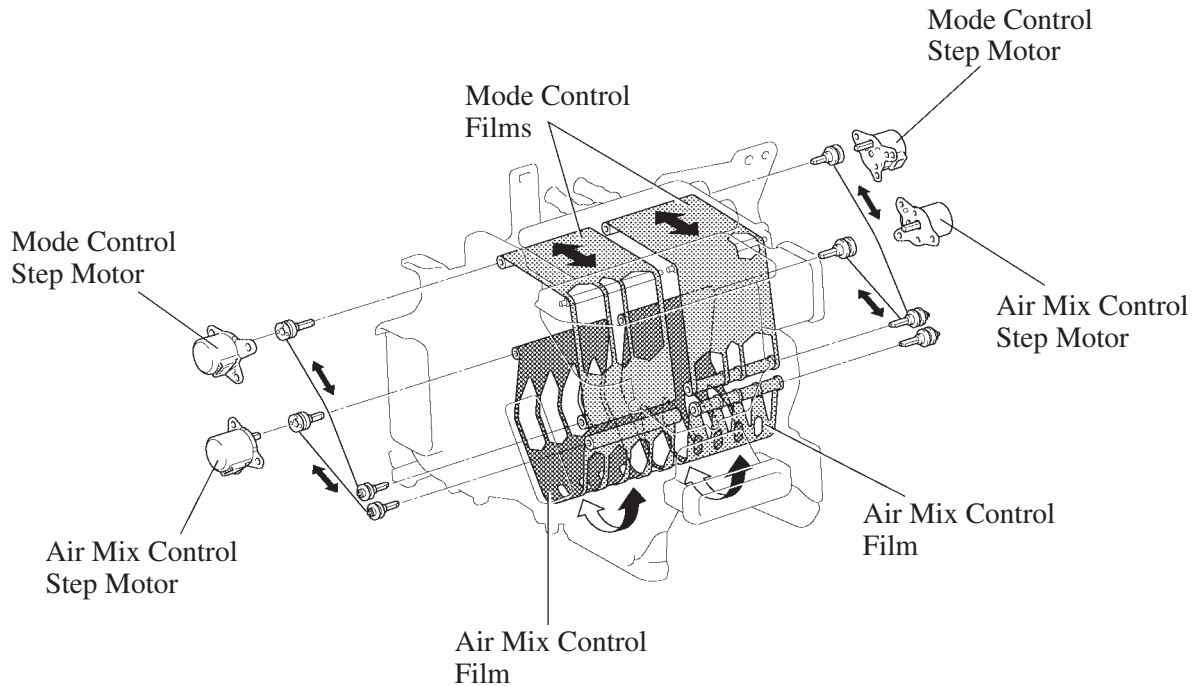
- A temperature control switch is provided on the rear heater control panel to enable the rear seat passengers to set the temperature.



162BE24

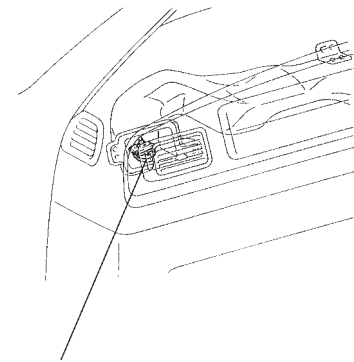
BE

- To achieve full independent control of the temperature for the driver's area from the area for the front passenger and rear passengers, a film damper is provided to separate the driver side from the passenger side. The film damper is provided in the air mix control damper and the mode control damper, and the position of these dampers is finely controlled by their step motors.



162BE33

- An EPR (Evaporator Pressure Regulator), which regulates the amount of refrigerant that flows from the evaporator to the compressor, has been adopted. By maintaining the refrigerant pressure above a certain level, the EPR prevents the evaporator from frosting.
- A duct sensor is provided at the driver's and passenger sides of the side vent duct. These sensors detect the temperature of the airflow that is output from the side vents and feed this information back to the air conditioner ECU.

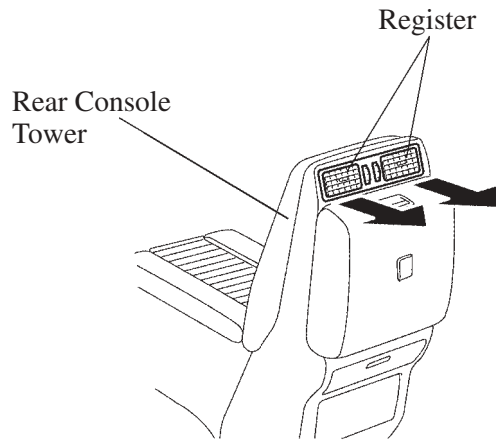


Passenger Side
Duct Sensor

162BE34

RHD Models

- A register is provided at the topmost area of the rear console tower to enhance the comfort of the rear seat passengers, together with the rear foot register.

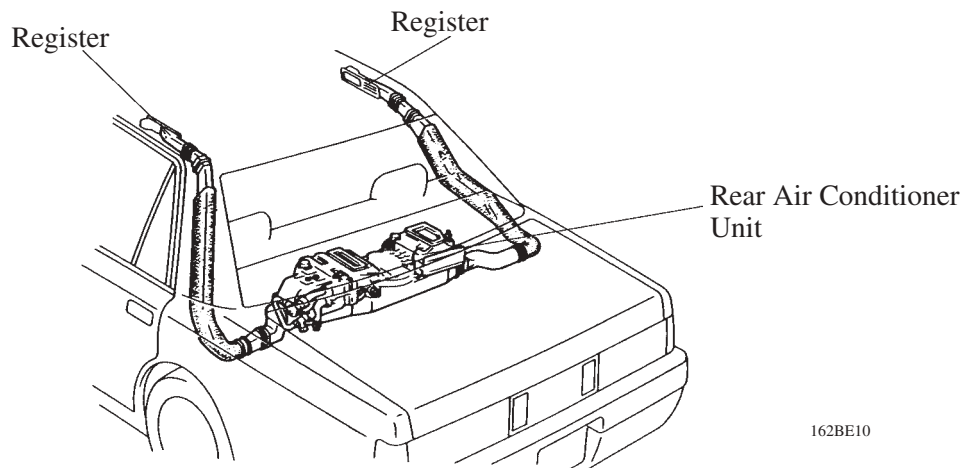


162BE09

■ REAR AIR CONDITIONER SYSTEM

The rear air conditioner system has the following features:

- A fully automatically controlled rear air conditioner with an air purifier function is provided.
- A register is provided in the rear roof side panels to enable cool air to flow from the front of the rear seat passengers to enhance their comfort.



162BE10

- The rear heater control panel with an integrated rear audio control switch is located in the rear center arm-rest.