

BLOWER MOTOR [FULL-AUTO AIR CONDITIONER]

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Purpose

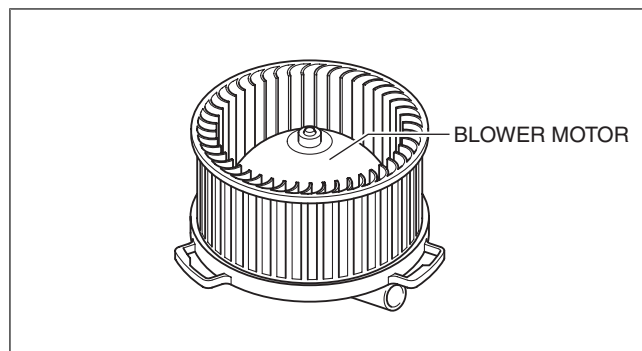
- The blower motor sends airflow into the cabin.

Function

- The blower motor rotates the blower fan to create airflow and sends out the airflow in the blower unit and A/C unit.

Construction

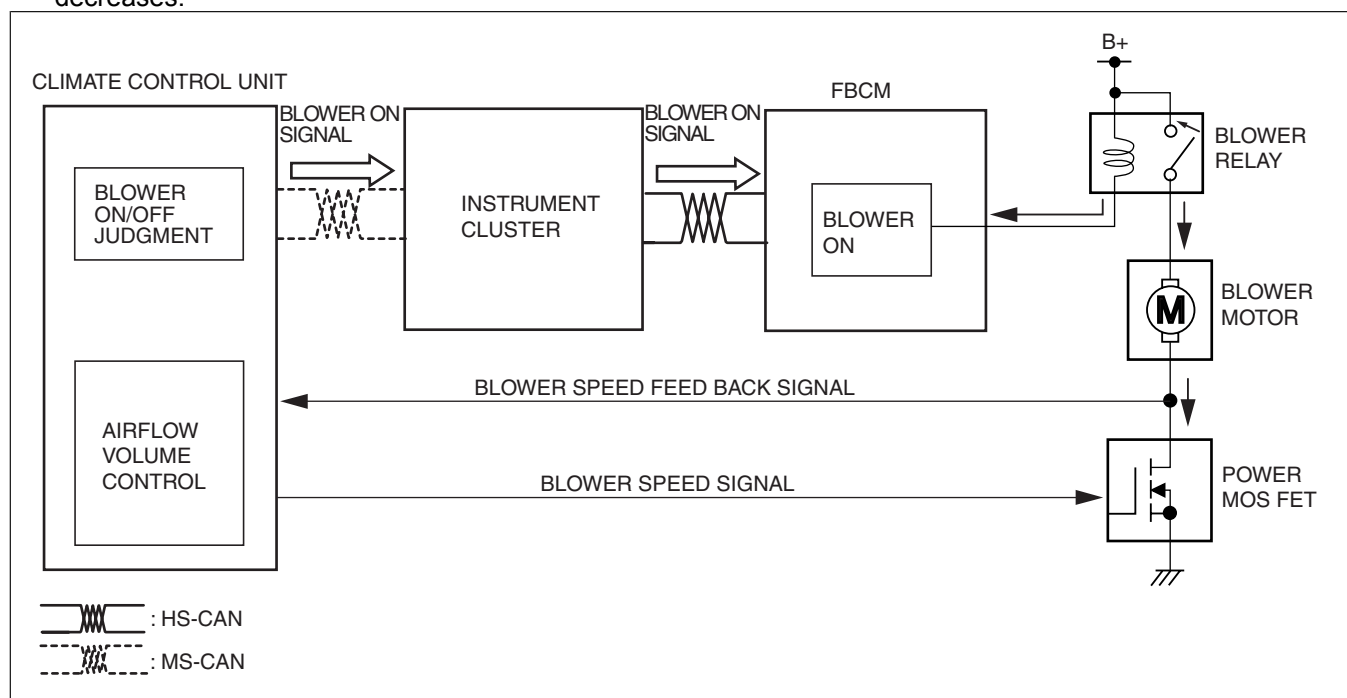
- The blower motor is installed to the blower unit.
- The blower motor consists of the blower fan and motor.
- A sirocco fan has been adopted for the blower fan.



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Operation

1. The front body control module (FBCM) turns on the blower relay based on the blower ON signal sent from the climate control unit.
2. When the blower relay turns on, the blower motor fan rotates.
3. The rotation speed of the blower fan is determined by the transistor in the power MOS FET. If the current value flowing through the transistor is high, the rotation speed increases, if the current value is low, the speed decreases.



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Fail-safe

- Function not equipped.