

RESISTOR [MANUAL AIR CONDITIONER]

id0740a2106800

Purpose

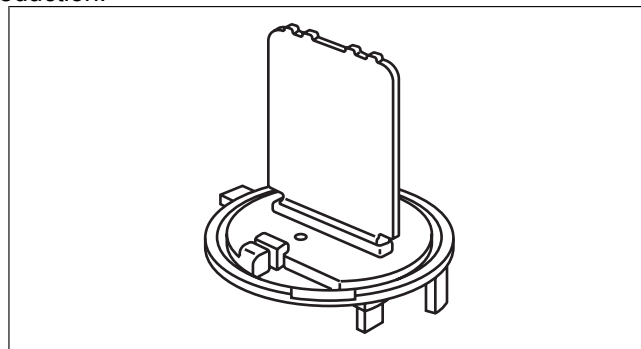
- The resistor controls the blower motor rotation speed.

Function

- The resistor controls the supply voltage to the blower motor according to the fan switch operation, and adjusts the fan rotation speed (airflow volume).

Construction

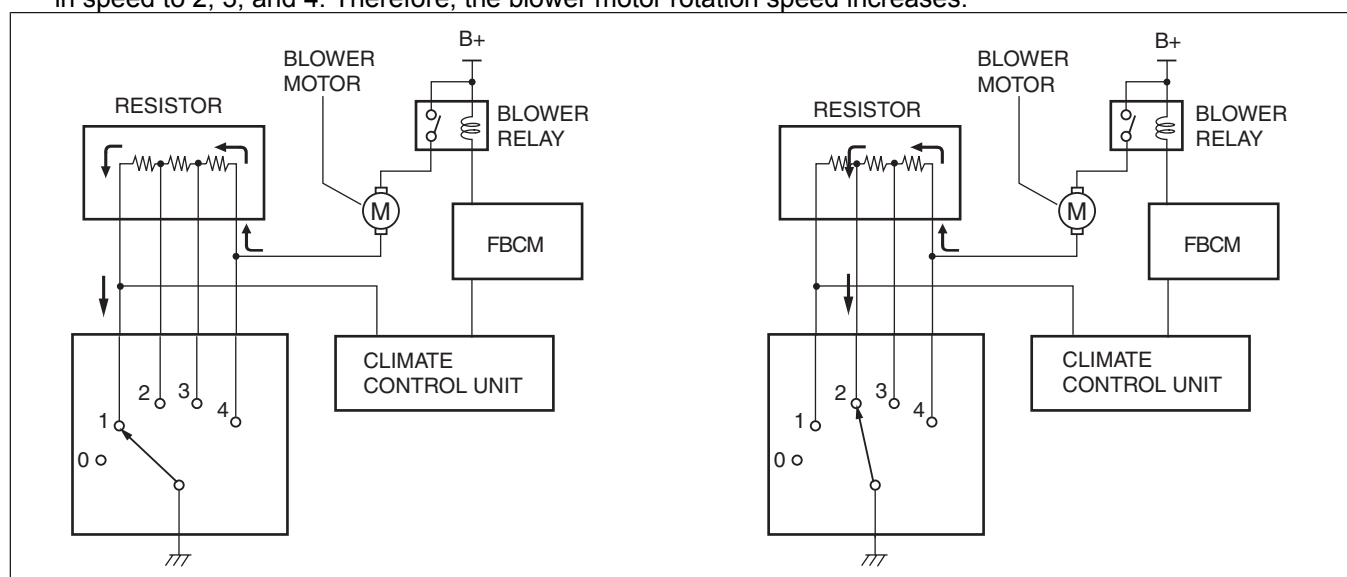
- The resistor is installed to the A/C unit.
- A thin, card-type resistor has been adopted for weight reduction.



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Operation

- When the fan switch speed is set at 1, the resistor internal resistance increases and the blower motor applied voltage decreases. Therefore, the blower motor rotation speed decreases.
- The resistor internal resistance decreases as the voltage applied to the blower motor by the fan switch increases in speed to 2, 3, and 4. Therefore, the blower motor rotation speed increases.



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Fail-safe

- Function not equipped.