

AIR INTAKE ACTUATOR [MANUAL AIR CONDITIONER]

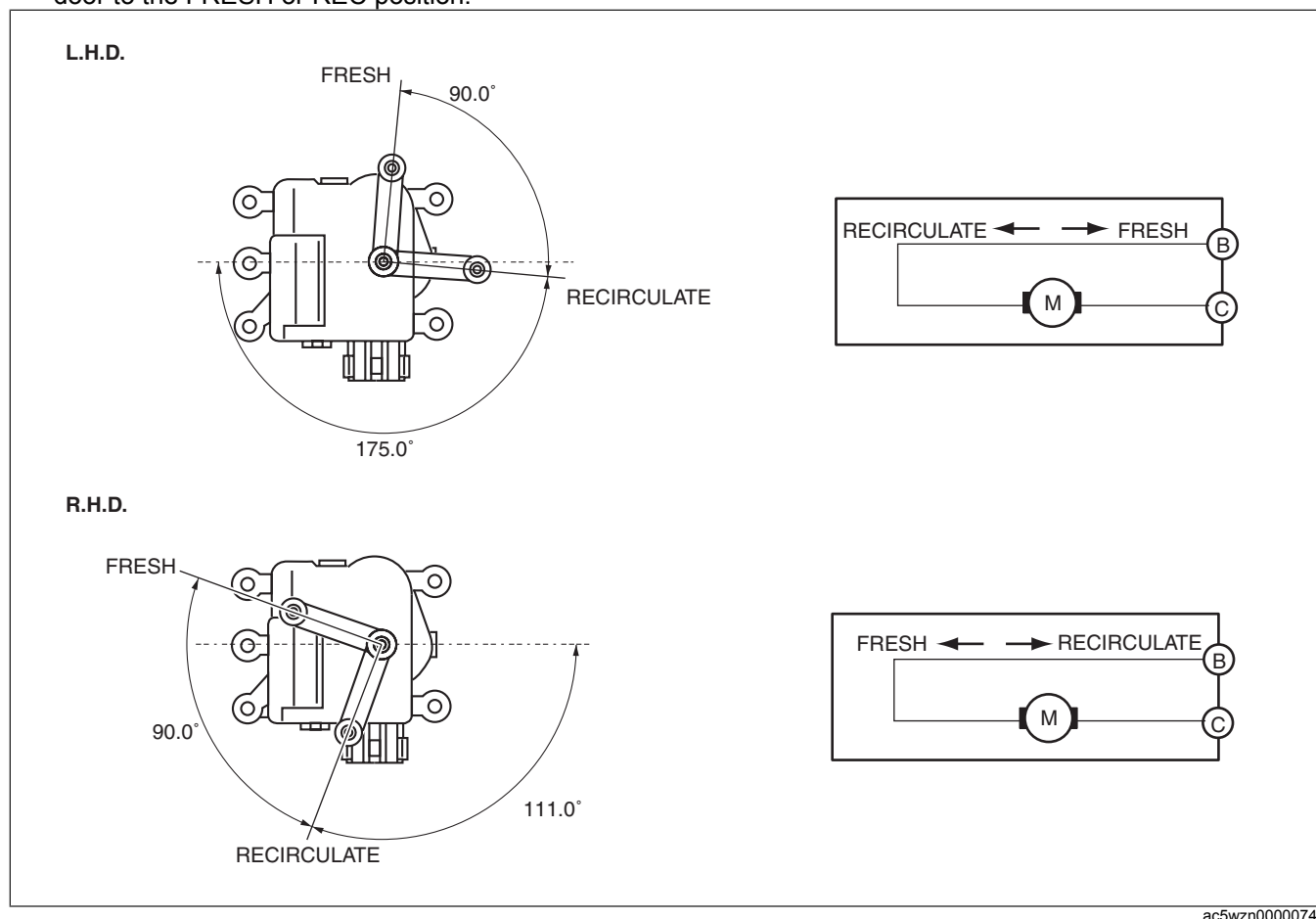
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Purpose

- The air intake actuator moves the air intake door in the blower unit to switch the air intake port.

Function

- The air intake actuator drives the motor based on the signal from the climate control unit and moves the air intake door to the FRESH or REC position.



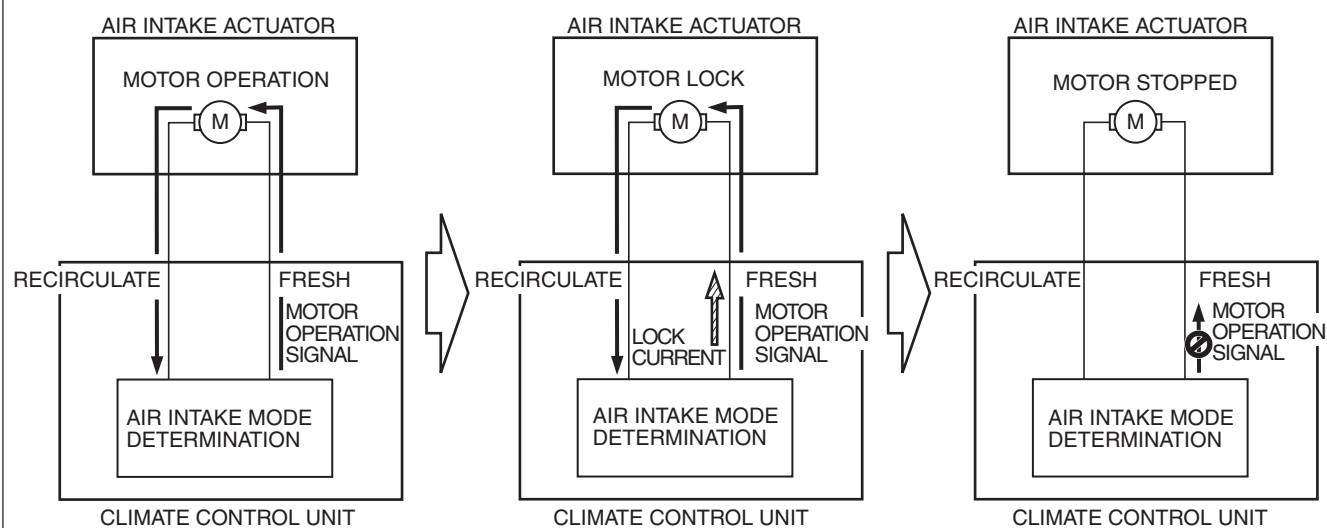
Construction

- A mechanical lock-type air intake actuator has been adopted.
- The air intake actuator is installed to the blower unit.

Operation

- The climate control unit outputs a motor drive signal to the air intake actuator based on the air intake mode determined by the air intake control.
- When the air intake actuator moves to FRESH or REC, the motor locks.
- When the motor locks and is under excessive load, the current value flowing from the climate control unit increases more than the specification (lock current).
- When the lock current is detected, the climate control unit stops the motor drive signal to the air intake actuator.

SWITCHING FROM FRESH TO RECIRCULATE



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Fail-safe

- Function not equipped.