



Replacing the Right Actuator?

Blend Door Vs. Mode Door Vs. Recirculating Door

Actuator doors change position based on selected climate settings. The blend, mode, and recirculating doors each have a specific function and are often not interchangeable.

To accurately identify which actuator door(s) need to be replaced, assess the following:

- Temperature not reaching selected settings? Replace the blend door.



Blend Door Actuator

Adjusts door position at various degrees to achieve the desired temperature by blending cool air from the evaporator and warm air from the heater core.

- Airflow direction or vent selection not changing? Replace the mode door.



Mode Door Actuator

Controls which vent(s) air blows through. It has two positions: open or closed.

- Air recirculation not working? Replace the air recirculation door.



Air Recirculation Door Actuator

Opens or closes to block or allow ambient air into the system. When closed, the system recirculates air inside of the vehicle.

Other factors to consider:

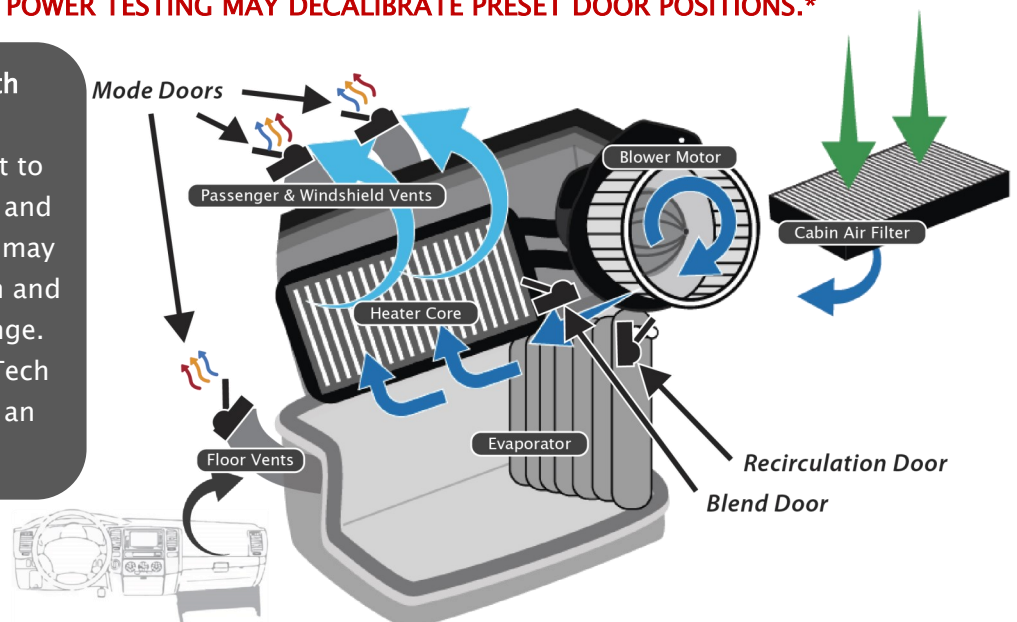
- Lack of airflow could be caused by a clogged air filter or faulty blower motor.
- A faulty heater core or evaporator can affect temperature.

***DO NOT TEST ACTUATORS PRIOR TO INSTALLING.**

POWER TESTING MAY DECALIBRATE PRESET DOOR POSITIONS.*

Vehicles with Rear Air

It is important to note the front and rear actuators may differ in design and not interchange. Refer to gpd Tech Tip #127 for an example.



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