

Air Door Actuators

Four Seasons[®], your complete source for quality HVAC products, includes a full line of air door actuators, a key component for driving comfort and air ventilation. Made from premium materials, precision gears and quality soldered connections, Four Seasons[®] air door actuators undergo rigorous testing to ensure O.E. fit, form and function in an IATF16949 certified facility. With over 510 part numbers available fitting more than 200 million vehicles, Four Seasons[®] has the coverage you need for this common replacement item.



Validation and Testing

Four Seasons[®] performs thorough testing to ensure every air door actuator we offer matches O.E. fit and performance.

Testing Includes:

- **Function**
 - Voltage and Amp Draw
- **Corrosion**
 - Salt Spray
- **Vibration**
- **Extreme Temperatures**
 - -40°F to 185°F
- **Endurance Testing**
 - 100,000 Full-Range Cycles

DID YOU KNOW?

Typically, vehicles have three or four actuators. Vehicles with rear controlled HVAC will often have additional actuators to control the auxiliary unit, bringing the total per vehicle to as many as eight.

Technician's Corner

Air Door Actuators

Air Door Actuator Functions

Temperature Blend Door Actuators

- Controls the temperature of the air flowing from the vents by mixing air from the heater core and evaporator core

Mode Door Actuators

- Controls what vents have air flow (floor, panel or front, defrost, or any combination of those)

Recirculation Door Actuators

- Controls the intake of air into the system, either bringing outside air in or using inside air in recirculation

Replacement

The complexity of replacing air door actuators varies greatly between applications. Some actuators are located just under the dash and can be replaced in an hour or less. Some, like in the vehicle below, require the complete removal of the dash or HVAC case. These repairs can take up to eight hours of labor to complete in a confined space. Often the dash removal is the most challenging aspect of the repair and is very labor intensive.



Air door actuators located behind the dash require full removal and up to eight hours of labor.

Air Door Actuator Kits

Because all air door actuators have a similar service life and can be very difficult to replace, Four Seasons® offers a line of Air Door Actuator Kits. These application specific kits provide all actuators found in a common location in one convenient package to minimize downtime and labor costs.



Four Seasons® is your air door actuator source for quality, coverage and service.