



## Four Seasons® Introduces a NEW Full Line of Air Door Actuators

Four Seasons®, your complete source for HVAC products, now includes a full line of all new 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. With over 200 part numbers available fitting 140 million vehicles, Four Seasons® has the coverage you need for this common replacement item.



### Validation

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

#### Testing Includes:

- **Function**
  - Voltage Signal Input / Output: Directional or Operational
  - Operational Range
- **Critical Dimensions**
  - Mounting Configuration
  - Drive Mating/Orientation
- **Connector Fitment with O.E. Harness**
- **Endurance Testing**
  - 5,000 Full-Range Cycles

### DID YOU KNOW?

Typically, vehicles have 3 or 4 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 6.

# ***Technician's Corner***

## ***Air Door Actuators***

### **Function of Air Door Actuators**

#### **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**

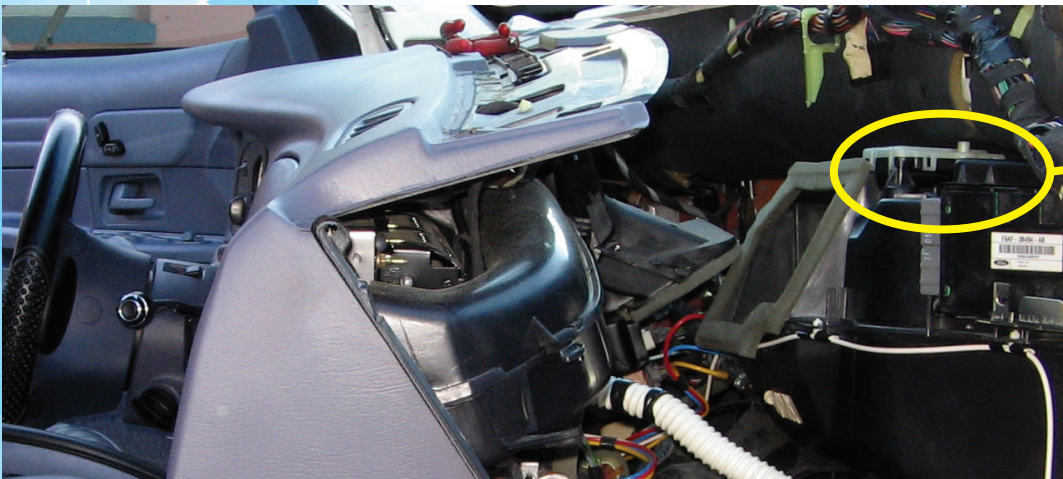
- Controls what vents have air flow (floor, panel or front, defrost, or any combination of those)

#### **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 above, require the complete removal of the dash or HVAC case. These repairs can take up to 8 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 actuator located behind the dash requiring a full removal and up to 8 hours of labor

Four Seasons®' new full line of air door actuators will ensure you have a quality part with O.E. fit and performance.