

## HVAC Blend Door / Air Door Actuator

A vehicle's HVAC system (heating, ventilation, and air conditioning) is a key component to driving comfort and proper vehicle operation. The HVAC blend door motor / air door actuator directs the flow of air in the vehicle's cabin. If the motor burns out or the shaft cracks, the "door" can get stuck in one position, leading to improper ventilation.

The OE blend door motors / air door actuators have a high failure rate and a replacement can take a long time to install – up to 7+ hours. TechSmart™, a Standard Motor Products company, has come up with a line of HVAC Blend Door Motors / Air Door Actuators that makes the installation simpler and easier. They have included some small features that make a big difference during installation, features the competition has simply overlooked!

TechSmart™ has developed blend door, mode door, recirculation door, and defrost door actuators for many of today's most popular vehicle applications.

**THINK TECHSMART  
FIRST for High-  
Quality, HVAC  
Blend Door  
Motors.**

**Watch TechTalk™ by Federated Auto Parts  
this season on Two Guys Garage.**

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Federated TechTalk™ tip in full.



as seen on

**Two Guys  
GARAGE**

**Engineered With  
Chamfered Pins  
for a Better  
Connector Fit**

TechSmart™ went beyond matching the OE parts in fit, form, and function. They added chamfered pins which allow for a streamlined, seamless installation because they make it much easier to connect the wiring harness to the actuator. Without the chamfered pins, the connection has to be perfectly in line with the actuator to fit.



TechSmart™ Chamfered Pin



Competitor Flat Pin





# TechTalk

BY FEDERATED AUTO PARTS

# Features & Benefits

## Are You TechSmart™?

### Large Selection

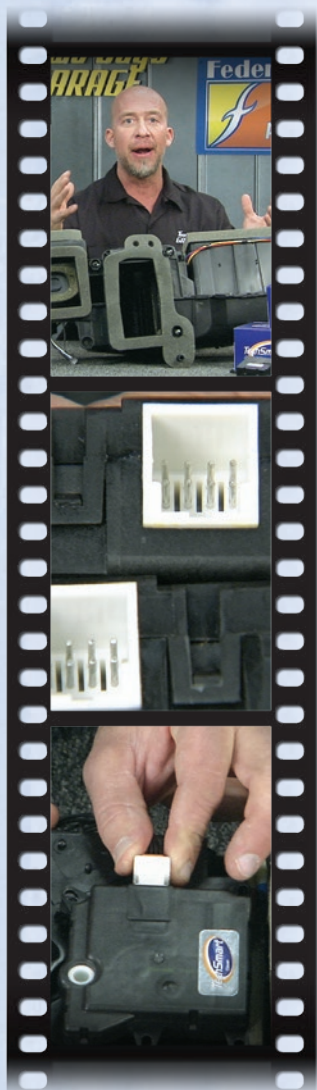
TechSmart™ offers over 100 Blend Door Motors and HVAC Air Door Actuators.

### Engineered With Chamfered Pins

During installation, in most cases technicians are working in a confined area, twisting and bending to install the actuator. Reconnecting the harness usually requires balancing the harness on fingertips, blindly trying to make the connection. TechSmart™ HVAC Blend Door Motors / Air Door Actuators are engineered with chamfered pins for a better connector fit. Chamfered pins allow for a streamlined, seamless installation because they make it much easier to connect the wiring harness to the actuator. With parts made by other companies, you can end up dealing with an installation that takes forever, and bent or broken pins. With the chamfered pins, the connector can be installed at an angle and still slide safely into place without all the extra hassle.

### Many Applications

TechSmart™ has HVAC Blend Door Motors / Air Door Actuators for more than 100 million vehicle applications.



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