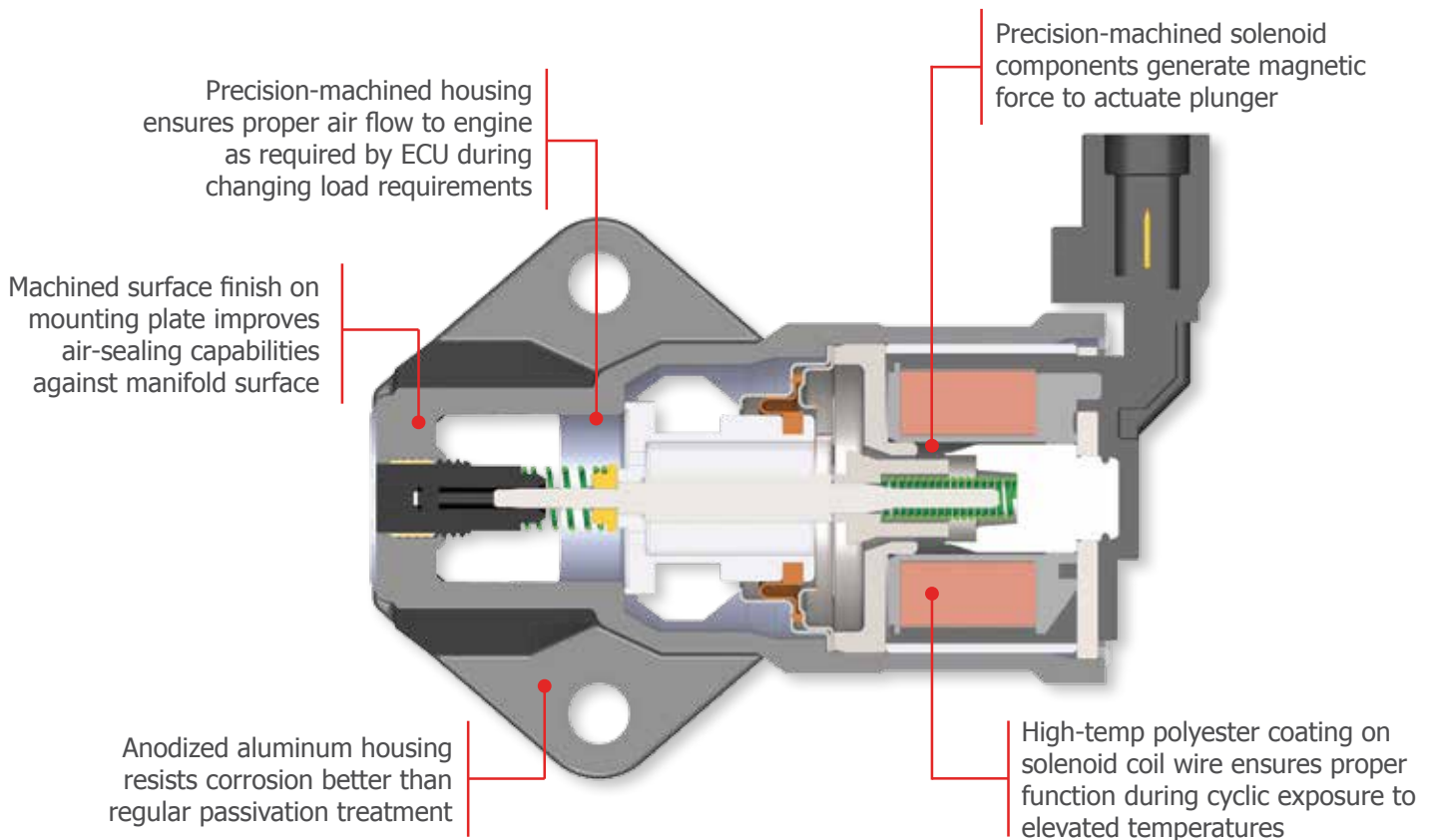


## Idle Air Control (IAC) Valve

### Manufactured to Withstand Real-World Conditions

The idle air control (IAC) valve is located on the throttle body of fuel-injected engines, where it works with the vehicle's ECU to electrically regulate airflow to the engine to ensure smooth idling. We manufacture Idle Air Control Valves at our ISO/ TS16949-certified facilities in Greenville, SC, and Reynosa, Mexico, respectively. A key aspect of the manufacturing process is the load testing, which makes sure each actuator delivers a greater force than actual load.



### Common Failure Symptoms

- Stalling when the engine is idling
- Rough or unsteady idling
- Extreme RPM drops during slowdown
- Engine may shut off if AC is turned on
- Check Engine Light is on

### Common Causes of Failures

- General solenoid failure from everyday use
- Wear and tear from corrosion
- Clogged valve

### Our Response

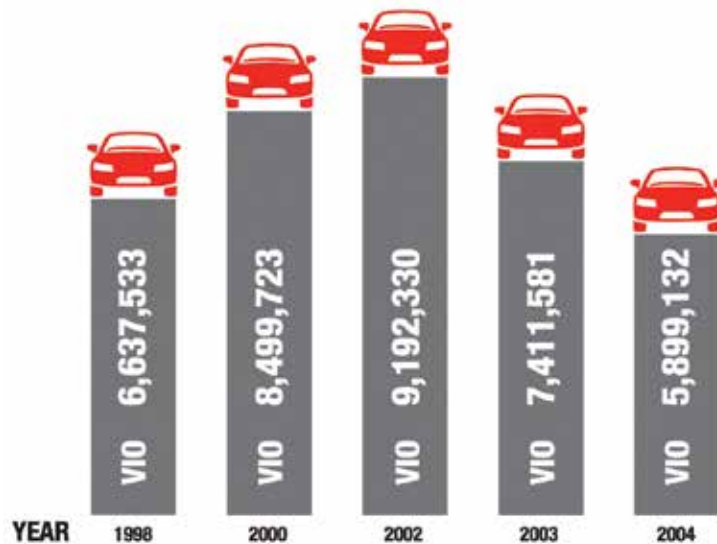
- To extend longevity our IAC Valves are tested at greater than normal force
- To resist corrosion our IAC Valves have anodized aluminum housing and undergo testing. (See back page for more information)

# « JUST THE FACTS »

## A "Sweet Spot" Category

According to our research, more than 70 million vehicles (model years 1995 through 2005) on the road today have entered "sweet spot" years for IAC repairs, which means they have an IAC that will need to be replaced soon. Choose high-quality BWD® Idle Air Control (IAC) Valves to take advantage of this growing repair opportunity.

There are more than 70 million IAC repair opportunities (from 1995 through 2005) on the road today.



## Designed and Tested to Prevent Corrosion

The OE idle air control valves are prone to corrosion due to harsh environmental conditions. To make sure our SMP-manufactured IACs last, we give them an anodized coating that is thicker and more robust than the OE coating. As you can see from the results of our salt-fogging test below, our coating withstands corrosion better than the OE:

