

# THINK TECHSMART® FIRST

## TechSmart® Throttle Position Sensor Repair Kits

**The Problem:** On certain Honda and Acura applications, the throttle position sensor cannot be serviced separately through the dealer. Instead, the entire throttle body assembly needs to be replaced, which is an expensive, time-consuming repair.

**Our Response:** To provide an alternative for the entire throttle body assembly replacement, TechSmart's line of Throttle Position Sensor Repair Kits comes complete with everything needed to replace only the failed sensor. Each kit includes an OE-Exact Match Throttle Position Sensor, a gasket, and all the necessary mounting hardware.

High-quality components ensure precise operation and maintain specific outputs to match OE



Comes complete with gasket and mounting hardware to restore proper TPS function

**T42001**  
**Honda/Acura 2001-88**  
**VIO over 3.2 Million**

**TechSmart® Tip:** Once you remove the old rivets and install the new sensor using the included hardware, simply follow the OE service manual's TPS calibration procedure.

### About Throttle Position Sensors

#### How do throttle position sensors (TPS) work?

As the throttle moves, a mechanical arm inside the TPS makes contact with points on a resistor strip.

#### What happens when contact is made?

Voltage is sent through the signal line to the Powertrain Control Module (PCM).

#### What causes a TPS to stop working?

A misadjusted TPS may result in poor idle, stalling, lack of power, and improper transmission shifting.

### Repair options when only TPS fails on certain Honda/Acura applications

#### OE Dealer



Replace entire throttle body assembly  
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#### TechSmart®



Replace failed sensor only  
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**ARE YOU TECHSMART®?**

