



## Product Overview

# THROTTLE POSITION SENSORS

- Holstein Parts Throttle Position Sensors offer superior coverage for Import / Domestic applications
- Holstein Parts uses only the highest quality materials, manufactured to exacting standards to provide long-term function and performance
- Sealed Anti-Static Protective Packaging ensures that electrical components are not damaged during shipping

## OVERVIEW

The Throttle Position Sensor (TPS) is used to monitor how far the throttle valve (or blade) is open, which is determined by how far down the accelerator pedal has been pressed. This information is relayed to the vehicle's engine control unit (ECU) and determines how much air and fuel is entering the engine, which guarantees a smooth-running engine. When a TPS goes bad, the car's throttle body won't function properly. It could either stay shut or it won't close properly, which is a severe issue. If it stays shut, then your engine is not going to receive air, and it won't start. A worst-case scenario is when the throttle body won't close properly, causing unwanted acceleration or uncontrolled speed.

- Holstein Parts uses only the highest quality materials and engineering for parts that are truly built to match or exceed the OE part
- Holstein Parts Throttle Position Sensors offer superior coverage for Import / Domestic applications
- 3 Year / 36,000 Mile Warranty



# THROTTLE POSITION SENSORS

## **What does the Throttle Position Sensor do?**

The Throttle Position Sensor monitors how far the throttle valve (or blade) is open, which is determined by how far down the accelerator pedal has been pressed down.

## **Where is the Throttle Position Sensor Located?**

The Throttle Position Sensor is usually located on the butterfly spindle/shaft so that it can directly monitor the throttle position.

## **Will a malfunctioning Throttle Position Sensor cause a check engine light?**

In most cases, the Check Engine Light is illuminated if a Throttle Position Sensor failure is detected.

## **What are the common causes of failure?**

Electrical failure and excessive wear are the common reasons for Throttle Position Sensor failure.

## **How to determine if a Throttle Position Sensor is failing?**

When a TPS goes bad, the car's throttle body won't function properly. It could either stay shut which would cause your engine to not receive air and not allow it to start. A worst-case scenario is when the throttle body won't close properly causing unwanted acceleration or uncontrolled speed.

