Accelerator Pedal Sensors

**What does an Accelerator Pedal Sensor do?**
The Accelerator Pedal sensor indicates the position of the accelerator on vehicle models with electronic throttle control. The APS is basically a throttle position sensor (TPS) with a pedal attached.

**Where are these sensors located?**
The APS sensor is part of the accelerator pedal.

**Will a malfunctioning Accelerator Pedal Sensor illuminate the check engine light or affect vehicle operation?**
Yes, a failing sensor can illuminate the MIL, and may cause the vehicle to have drivability problems such as poor acceleration or limited vehicle speed.

**What are the common causes of failure?**
Typically these sensors fail due to the constant contact of the movable wiper arm over the sensor element.

**How to determine if these sensors are malfunctioning?**
A quick way to check the sensor is to look for smooth voltage changes on the signal wire as the Accelerator Pedal sensor is being depressed and released. Note: most Accelerator Pedal sensors have multiple sensors in the same housing.

**What makes BWD® Pedal Sensors the best.**
- As a basic manufacturer, BWD® has complete control of the manufacturing process from componentry to finished product
- BWD® pedal sensors maintain specific installed outputs to match OE rather than adjustable consolidated designs
- Each sensor undergoes rigorous end-of-line testing with thousands of data points to validate output voltages for optimum performance and trouble-free operation