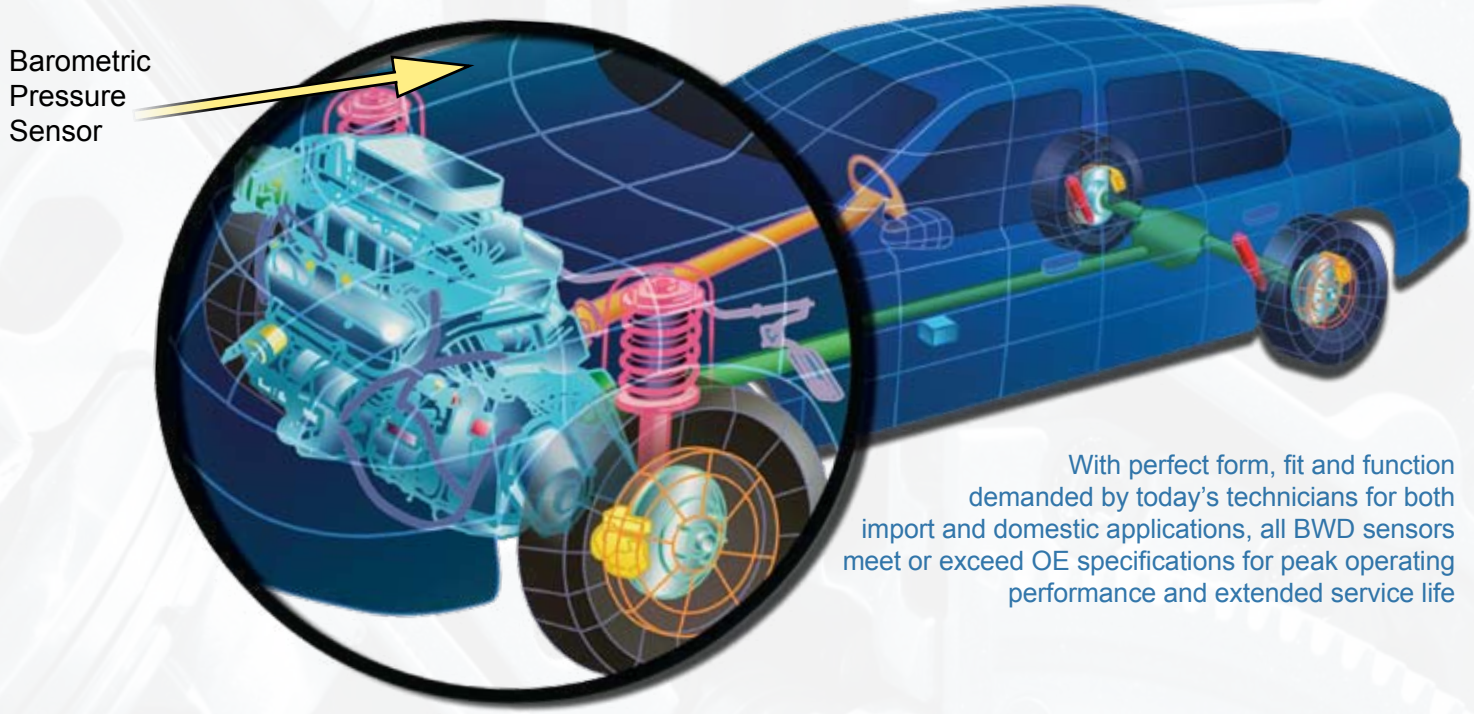
Just the Facts

Barometric Pressure (BARO) Sensors



With perfect form, fit and function demanded by today's technicians for both import and domestic applications, all BWD sensors meet or exceed OE specifications for peak operating performance and extended service life

What does a Barometric Pressure Sensor do?
The BARO sensor reads the barometric pressure. The PCM uses this information to make adjustments to fuel trim and engine timing. The engine requirements are quite different when driving in San Diego at sea level as compared to Denver at 5,000 feet.

Where are these sensors located?
Standalone BARO sensors are typically mounted on the firewall or the inside fender skirt. Late model BARO sensors are incorporated into the MAP sensor, and may be mounted on the intake manifold.

Will a malfunctioning Barometric Pressure Sensor illuminate the check engine light or affect vehicle operation?
Yes, a failing sensor can illuminate the MIL, and may cause drivability problems such as stumbling, stalling and sluggish acceleration.

What are the common causes of failure?
Typically these sensors fail due to exposure to the elements as the result of mounting location.

How to determine if these sensors are malfunctioning.
The BARO sensor can be checked with a scan tool by comparing the scan tool read out to the local barometric reading. Standalone Ford sensors require a special tool to determine if the sensor is functioning properly. The ECM will set DTC P0105 when there is an open or short in the BARO circuit. There is a Fail-Safe strategy that turns on when this code is detected. The PCM uses a predetermined ignition timing and AF trim to maintain emission levels.

What makes BWD BARO Sensors the best.

- As a basic manufacturer, BWD has complete control of the manufacturing process from componentry to finished product to ensure precise and trouble-free operation every time

Ford
EC1607

Ford
EC1634

Ford
EC1767

GM
EC1783

GM
EC1650

GM
EC1777