



# Manifold Absolute Pressure Position Sensors (MAP)

## Technology

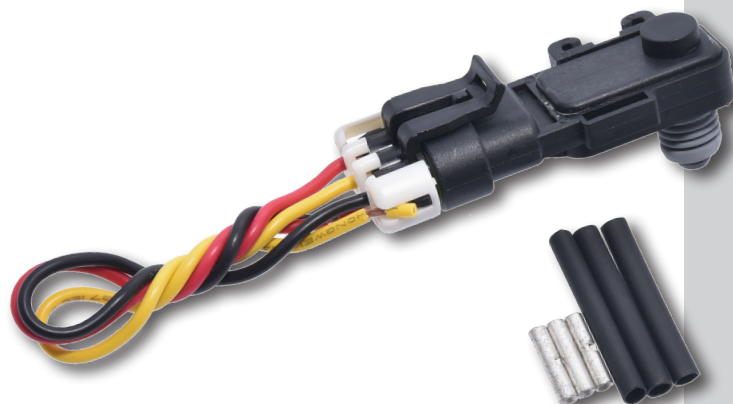
- 100% engineered and tested to OE specifications in fit, form, and function
- Manufactured with the highest quality materials designed to hold up under any condition

## Marketing

- Competitively priced against all industry programs
- Full Service Kits® (FSK®) - Sensor plus vehicle side mating pigtail

## Coverage

- Complete program with 220+ SKUs
- 21+ FSK SKUs available
- Extensive coverage for car & light truck, domestic and import, gas, diesel, flex fuel & LPG/CNG
- Coverage spanning from 1980 to present year



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## QUALITY • COVERAGE • SUPPORT



## WHAT DOES YOUR MANIFOLD ABSOLUTE PRESSURE SENSOR DO?

The MAP measures the manifold pressure/vacuum entering the engine's intake tube and reports the information to the vehicle computer. The computer uses this information to calculate/confirm the amount of air coming in, exhaust that will be leaving, the amount of fuel needed, and other factors that help the vehicle run efficiently. Newer turbo charged engines commonly have more than one MAP sensor to more accurately monitor intake pressures.

## WHERE IS YOUR MANIFOLD ABSOLUTE PRESSURE SENSOR LOCATED?

The MAP is located on the engines intake manifold either in the front or rear.

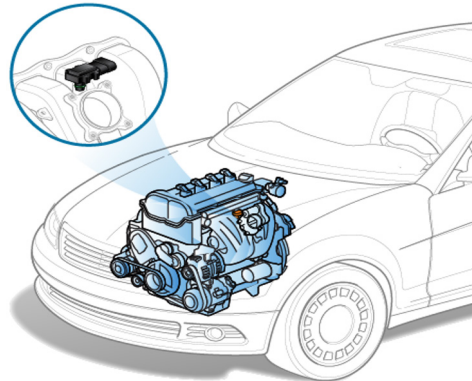


Image courtesy of ClearMechanic.com

## HOW DO YOU KNOW YOUR MANIFOLD ABSOLUTE PRESSURE SENSOR FAILED?

Normally your vehicle's check engine light will illuminate on your dash telling you there is a code in the computer that you need read by a repair shop. You can also tell if the your vehicle has these symptoms: poor acceleration, misfire, engine ping, bad fuel economy, car surges or dies, or your vehicle wont start at all.

## WHY DO MANIFOLD ABSOLUTE PRESSURE SENSORS FAIL?

- Sensor or hoses getting clogged by contaminates from the engine
- The repetition of extreme heat and cold, known as "heat cycling", breaks down internal circuitry
- High mileage and/or poor maintenance causes an increase in tolerance stacking, resulting in sensors contacting internal rotating components
- Faulty wiring and damaged connectors from heat cycling and other contaminants
- Mishandling while repairing other components on the vehicle
- Poor design from the OE
- Hundreds of TSBs (Technical Service Bulletins) are sent out for every car manufactured yearly



## WHY IS THE WALKER MANIFOLD ABSOLUTE PRESSURE SENSOR BETTER?

Walker Products MAP sensors are 100% programmed and tested. Walker Products works continuously to stay current on all OE design changes, TSB's, and improvements to the OE design to make the best part for your vehicle. Walker Product's FSK® program provides the ability to fix the vehicle the first time and not make multiple trips to the store getting what you need.