



## ABOUT HOLSTEIN

# MAP SENSORS



- Holstein Parts Manifold Absolute Pressure Sensor (MAP sensor) offers superior coverage for domestic and import 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 Manifold Absolute Pressure Sensor (MAP sensor) is one of the sensors used in a vehicle's electronic control system (ECU). Engines that use a MAP sensor are typically fuel injected. The MAP Sensor provides instantaneous manifold pressure information to the engine's computer (ECU). The data is used to calculate air density and determine the engine's air mass flow rate, which determines the required fuel metering for optimum combustion and influences the advance or retard of the ignition timing. A faulty Map Sensor can cause a vehicle to run rich or lean, which will affect the vehicle's ignition timing and cause the engine not to run smoothly.

- 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 MAP sensors offer superior coverage for domestic and import applications
- 3 Year / 36,000 Mile Warranty on all Holstein Parts MAP sensors

**HOLSTEIN**

· PARTS ·

2615 S. HWY 95A  
Cantonment, FL 32533**Phone:** 1.800.893.8299  
**Fax:** 850.610.7433