

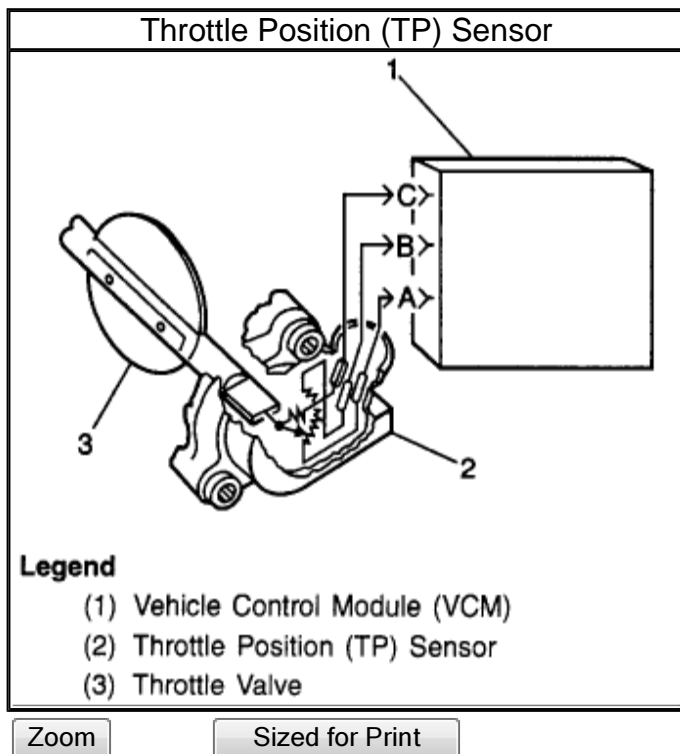
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Conversion Calculator

1998 GMC Truck C 1500 Truck 2WD V6-4.3L VIN W

Vehicle Level → Powertrain Management → Computers and Control Systems → Throttle Position Sensor
→ Description and Operation ←

Description and Operation



DESCRIPTION

The Throttle Position (**TP**) sensor is a potentiometer. The TP sensor is connected to the throttle shaft on the throttle body. By monitoring the voltage on the signal line, the VCM calculates throttle position. As the throttle valve angle is changed (accelerator pedal moved), the TP sensor signal also changes. At a closed throttle position, the output of the TP sensor is low. As the throttle valve opens, the output increases so that at Wide Open Throttle (**WOT**), the output voltage should be above 4.0 volts.

PURPOSE

The VCM calculates fuel delivery based on throttle valve angle (driver demand). A broken or loose TP sensor may cause intermittent bursts of fuel from an injector. This may cause an unstable idle because the VCM detects the throttle is moving.

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