

CADILLAC P1133: HO2S INSUFFICIENT SWITCHING BANK 1 SENSOR 1

OVERVIEW

Severity	:	Medium
DIY Difficulty Level	:	Intermediate
Repair Cost	:	\$100-\$200
Can I Still Drive?	:	Yes

What Does The Cadillac P1133 Code Mean?

The engine coolant temperature (ECT) is greater than 60°C (140°F). The intake air temperature (IAT) is warmer than -40°C (-40°F). The ignition 1 voltage is between 10-32 V. The fuel level is greater than 10%. The engine run time is greater than 160 s. The engine speed is between 1,200-3,000 RPM. The barometric (BARO) pressure is greater than 70 kPa. The mass airflow (MAF) is between 20-55 g/s. The fuel system is in Closed Loop. The throttle position (TP) is greater than 5%. The DTCs run once per drive cycle when the above conditions are met.

What Are The Potential Causes Of The Cadillac P1133 Code?

- The ECM detects that the HO2S 1 rich-to-lean counts, or the lean-to-rich counts are less than a calibrated value.
- The DTCs set within 100 s when the above condition is met.

Reference Sources

- GM, 2013, [Service Bulletin - Service Stabilitrak Message And Possible Multiple Powertrain DTCs](#).
- GM, 2013, [Service Bulletin - Prior To Any Circuit Testing](#).