

FORD P117B: EXHAUST GAS TEMPERATURE SENSOR CORRELATION - BANK 1

OVERVIEW

Severity	:	Medium
DIY Difficulty Level	:	Intermediate
Repair Cost	:	\$200-\$300
Can I Still Drive?	:	Yes (Short-term only)

What Does The Ford P117B Code Mean?

The powertrain control module (PCM) monitors the 3 exhaust gas temperature (EGT) sensors at key ON, engine OFF, following an 8-hour soak to determine if a concern is present. The PCM compares the values of the 3 EGT sensors to verify the sensors correlate to each other. The test fails when the temperature difference at one of the EGT sensors is greater than 25°C (45°F).

Reference Sources

[6.4L Power Stroke® Diesel Engine Overview for 2008 "F" Series Super Duty](#) - 2007 International Truck and Engine Corporation, P117B, page 98.