

FORD P1299: CYLINDER HEAD OVER TEMPERATURE PROTECTION ACTIVE

OVERVIEW

Severity	:	Medium
DIY Difficulty Level	:	Intermediate
Repair Cost	:	\$100-\$500
Can I Still Drive?	:	No

What Does The Ford P1299 Code Mean?

Engine running at 2000 RPM until normal operating temperature. Rerun Key On Engine Running (KOER) Self-Test. CHT sensor signals and engine overheat condition.

What Are The Potential Causes Of The Ford P1299 Code?

- Cooling system has a problem
- Engine coolant level is too low
- A Base Engine problem may be present
- TSB 10-29-1 contains repair help for this code (LS & T-Bird)

How Can You Fix The Ford P1299 Code?

- Check engine coolant level.
- Connect the Ford Integrated Diagnostic System (IDS) service tool or equivalent scan tool and check for DTCs.
- Pressure test the cooling system.
- Using hose pinch pliers, pinch off CAC coolant inlet and outlet hoses. (
- Remove the CAC
- Replace the intake manifold and CAC.

Reference Sources

[2007 Powertrain Control Emissions Diagnosis On Board Diagnosis](#) - Sections 4: Powertrain DTC Charts and Descriptions, P1299, page 100.