

CHEVROLET P1530: AIR CONDITIONING HEAD PRESSURE SWITCH CIRCUIT MALFUNCTION

OVERVIEW

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

What Does The Chevrolet P1530 Code Mean?

No ECT, IAT or MAF codes set; engine speed under 1800 rpm, ECT sensor less than 88°F, IAT sensor less than 82°F, and the PCM detected the A/C Pressure switch was grounded for 5 seconds after engine startup.

What Are The Potential Causes Of The Chevrolet P1530 Code?

- A/C pressure sensor circuit is open or shorted to ground
- A/C pressure sensor circuit shorted to VREF or system power
- A/C pressure sensor ground circuit is open
- A/C pressure sensor VREF circuit is open or shorted to ground
- A/C pressure sensor is damage

Reference Sources

GM, 2013, [Service Bulletin](#) - Prior To Any Circuit Testing.