

CHEVROLET P1345: CAMSHAFT TO CRANKSHAFT POSITION CORRELATION

OVERVIEW

Severity	:	High
DIY Difficulty Level	:	Intermediate
Repair Cost	:	\$200-\$400
Can I Still Drive?	:	Yes (Short-term only)

What Does The Chevrolet P1345 Code Mean?

Engine started; and the PCM did not detect the CMP sensor pulse at the correct relative position to the CKP sensor pulse.

What Are The Potential Causes Of The Chevrolet P1345 Code?

- CMP sensor is loose causing a variation in the sensor signal
- CMP sensor with a low duty cycle can cause this code to set
- Excessive free play in the timing chain and gear assembly
- Incorrectly installed distributor – 1 tooth off in either advance

Reference Sources

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