

## CHEVROLET P1413: EXHAUST GAS RECIRCULATION (EGR) COOLER BYPASS VALVE CONTROL CIRCUIT SHORTED

### OVERVIEW

Severity	:	<div><div>High</div></div>
DIY Difficulty Level	:	<div><div>Intermediate</div></div>
Repair Cost	:	\$250-\$650
Can I Still Drive?	:	<b>Yes</b> (Short-term only)

### What Does The Chevrolet P1413 Code Mean?

[P1411](#), [P1412](#), [P1413](#), [P1414](#), [P245C](#) and [P245D](#) The Ignition is ON. The battery voltage is greater than 11 V. The EGR cooler bypass valve control circuit is active. The starter is not cranking. The DTCs run continuously when the above conditions are met.

The ECM detects a short circuit condition of the EGR cooler bypass valve motor control circuits for greater than 3 s.

### Reference Sources

[Chevrolet P1413](#), DTCDECODE.