

KIA P1496: EGR STEPPER MOTOR 1 CIRCUIT MALFUNCTION

OVERVIEW

Severity	:	<div><div>Medium</div></div>
DIY Difficulty Level	:	<div><div>Advanced</div></div>
Repair Cost	:	\$450-\$600
Can I Still Drive?	:	Yes (Short-term only)

What Does The Kia P1496 Code Mean?

Key on or engine running and PCM detected an unexpected voltage condition on the EGR Stepper Motor 1 circuit during the CCM test.

What Are The Potential Causes Of The Kia P1496 Code?

- EGR stepper motor 1 control circuit open or shorted to ground
- EGR stepper motor 1 power circuit is open to the Main Relay
- EGR stepper motor 1 is damaged or has failed
- PCM has failed (EGR stepper motor 1 "driver" circuit is open)

Reference Sources

[Kia P1496](#), DTCDECODE.