

CADILLAC P1520: TRANSMISSION RANGE SWITCH CIRCUIT MALFUNCTION

OVERVIEW

Severity	:	<div>High</div>
DIY Difficulty Level	:	<div>Intermediate</div>
Repair Cost	:	\$250-\$350
Can I Still Drive?	:	No

What Does The Cadillac P1520 Code Mean?

DTC [P0502](#) or [P0503](#) not set, Engine started; and the PCM detected the Transaxle Range (TR) switch indicated an illegal combination, or with DTC [P1810](#) diagnostic passed and the engine running, that the TR switch signal did not match the correct signal combi

What Are The Potential Causes Of The Cadillac P1520 Code?

- One or more TR switch circuits is open or shorted to ground
- One or more TR switch circuits is shorted to VREF or B+
- One or more TR switch circuits is shorted together
- TR switch is out of adjustment, damaged or it has failed
- PCM has failed

Reference Sources

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