

ACURA P1491: EGR VALVE LIFT SENSOR INSUFFICIENT FLOW DETECTED

OVERVIEW

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

What Does The Acura P1491 Code Mean?

Vehicle driven in closed loop at 1700-2500 rpm for over 10 minutes, and the PCM detected the EGR valve lift sensor (EGRV) signal indicated insufficient EGR flow during the EGR Monitor test.

What Are The Potential Causes Of The Acura P1491 Code?

- EGR valve lift sensor is stuck, damaged or has failed
- EGR control solenoid circuit is open or shorted to ground
- EGR control solenoid valve is damaged or has failed
- PCM has failed

Reference Sources

- [2001 Engine Performance Acura Self-Diagnostics](#), MDX, 3.2CL & 3.2TL, page 52.
- Americann Honda Motor Co, Inc., 2001, [Acura Technical Service Bulletin - 3.0CL Warranty Extension: EGR Port Clogging](#).