

HONDA P3497: VALVE PAUSE SYSTEM (VPS) STUCK OFF (BANK 2)

OVERVIEW

Severity	:	<div><div>Medium</div></div>
DIY Difficulty Level	:	<div><div>Intermediate</div></div>
Repair Cost	:	\$150-\$200
Can I Still Drive?	:	Yes (Short-term only)

What Does The Honda P3497 Code Mean?

With the engine running in closed loop, and in 5th gear at a steady speed of 68 mph or more for 5 seconds. When the PCM sends ON (Open) or OFF (Close) command to the rocker arm oil control solenoid A (Bank 2) the rear rocker arm oil pressure switch detects a malfunction.

What Are The Potential Causes Of The Honda P3497 Code?

- Poor connections or loose terminals at rocker arm oil control solenoid A (Bank 1), rocker arm oil control solenoid B (Bank 1), the rear rocker arm oil pressure switch, and the PCM
- Low or diluted engine oil
- Clogged oil passage of the rear bank cylinder pause system
- "Short" circuit between the PCM and the rear rocker arm oil pressure switch
- Faulty rear rocker arm oil pressure switch
- PCM may need to be updated with the latest software
- Faulty PCM

Reference Sources

[Technical Service Bulletins 13-055 for P3497](#) - Honda Motor Co., Ltd, 2013 Pilot 2WD & 4WD