

FIAT P1042: IMPLAUSIBLE DATA FROM CYLINDER 2 OIL SUPPLY SOLENOID VALVE RECEIVED

OVERVIEW

Severity	:	High
DIY Difficulty Level	:	Intermediate
Repair Cost	:	\$250-\$400
Can I Still Drive?	:	Yes (Short-term only)

What Does The FIAT P1042 Code Mean?

Multi-Air is an electronically controlled variable intake valve phase and lift system. Unlike conventional intake valve phase and lift system which controls all the cylinder intake valves simultaneously and in the same proportion; Multi-Air, through the use of an electronically controlled "hydraulic link" between the camshaft and intake valve, allowing for each intake valve to be controlled independently. The valve lift and timing can be adjusted infinitely.

What Are The Potential Causes Of The FIAT P1042 Code?

- Excessive resistance in the variable valve actuator solenoid signal circuit
- Excessive resistance in the variable valve actuator solenoid return circuit
- Variable valve actuator solenoid
- Powertrain control module (PCM)

Reference Sources

[FIAT P1042](#), DTCDECODE.