

AUDI P1433: SECONDARY AIR INJECTION SYSTEM PUMP RELAY CIRCUIT OPEN

OVERVIEW

Severity	:	Medium
DIY Difficulty Level	:	Intermediate
Repair Cost	:	\$200-\$400
Can I Still Drive?	:	Yes (Short-term only)

What Does The Audi P1433 Code Mean?

The output Diagnostic Test Mode (DTM) can be activated only with the ignition switched on and the engine not running. The output DTM is interrupted if the engine is started, or if a rotary pulse from the ignition system is recognized.

What Are The Potential Causes Of The Audi P1433 Code?

Below are some potential causes of this DTC:

- Fuel pump relays have failed
- Fuel injector has failed
- Hoses on the EVAP canister may be clogged
- EVAP canister purge regulator valve may be faulty
- ECM may have failed
- Manifold Tuning Valve (IMT) may have failed

Reference Sources

[Audi A4 Avant 95-01 Service Repair Manual](#), page 50.