

## VOLKSWAGEN P1778: SOLENOID EV7 ELECTRICAL MALFUNCTION

### OVERVIEW

Severity	:	High
DIY Difficulty Level	:	Advanced
Repair Cost	:	\$300-\$1000
Can I Still Drive?	:	Yes (Short-term only)

### What Does The Volkswagen P1778 Code Mean?

Engine started, battery voltage must be at least 11.5v, all electrical components must be off, the ground between the engine and the chassis must be well connected, the exhaust system must be properly sealed.

### What Are The Potential Causes Of The Volkswagen P1778 Code?

- Valve body solenoid valve has a short
- The TCM has failed
- ECM has failed

### Reference Sources

[Volkswagen P1778](#), DTCDECODE.