

## RAM P1E1C: REDUCTANT SYSTEM WAKE UP CIRCUIT HIGH

### OVERVIEW

Severity	:	<div><div>Medium</div></div>
DIY Difficulty Level	:	<div><div>Intermediate</div></div>
Repair Cost	:	\$75-\$200
Can I Still Drive?	:	Yes

### What Does The RAM P1E1C Code Mean?

The Diesel Exhaust Fluid (DEF) Dosing Control Unit is used to control the operation and monitoring of the Diesel Exhaust Fluid system. The DEF Dosing Control Unit is the central control for the aftertreatment diesel exhaust fluid dosing system, and handles the tank level sensing, tank temperature sensing, line heating, and tank heating. The DEF Dosing Control Unit shares information with the Powertrain Control Module (PCM) over the J1939 Data Link. The PCM will illuminate the MIL light after the diagnostics runs and fails for two consecutive trips. The PCM will turn off the MIL light when the monitor runs and passes in three consecutive key cycles.

### What Are The Potential Causes Of The RAM P1E1C Code?

- DCU wake up signal shorted to voltage
- DCU wake up signal open/high resistance
- DEF dosing control unit

### Reference Sources

[Testing and Inspection](#) - 2015 RAM 3500 CAB CHASSIS