

Application	Key On Engine Off	Key On Engine Running	Continuous Memory
All	GO to Pinpoint Test B .		

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P068A - ECM/PCM POWER RELAY DE-ENERGIZED - TOO EARLY - DTC CHART

P068A - ECM/PCM POWER RELAY DE-ENERGIZED - TOO EARLY - DTC CHART

Description: This DTC sets when the non volatile random access memory (NVRAM) write did not complete successfully after the ignition key was turned OFF, prior to PCM shutdown. This DTC also sets when the PCM power relay is de-energized too early.

Possible Causes:

- PCMRC circuit open
- PCM power relay
- Low battery voltage

Diagnostic Aids:

Application	Key On Engine Off	Key On Engine Running	Continuous Memory
All	GO to Pinpoint Test B .		

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P0690 - ELECTRONIC CONTROL MODULE (ECM)/POWERTRAIN CONTROL MODULE (PCM) POWER RELAY SENSE CIRCUIT HIGH - DTC CHART

P0690 - ELECTRONIC CONTROL MODULE (ECM)/POWERTRAIN CONTROL MODULE (PCM) POWER RELAY SENSE CIRCUIT HIGH - DTC CHART

Description: This DTC sets when the voltage on the ISP-R and the INJPWRM or VPWR circuits do not correspond for a calibrated period of time.

Possible Causes:

- ISP-R circuit short to voltage
- VPWR circuit open
- INJPWRM circuit open
- Damaged fuel pump relay
- Damaged PCM power relay