

P0563

Fault code description

ECU power supply - Voltage too high or short circuit to supply on ECU (D365)

Possible cause

1. Faulty wiring
2. Faulty connector

Additional information

Monitoring system battery voltage

Set condition of fault code

The PMCI-2 detects battery voltage is too high (above 17.99 V).

Reset condition of fault code

This fault code will change to inactive immediately after the diagnostic runs and passes.

M028259 - 07/22/2015 16:14:04

This information applies exclusively to the entered chassis number or the selected engine type. Please take into account that this information may change daily. Therefore the provided information is only valid on 12-13-2015. You cannot derive any rights from the information provided with respect to vehicles and/or components of another series, with another chassis number, and/or of another date. (/)

P0563, Diagnostic information

Technical data

["Power supply and earth of PMCI-2 electronic unit \(D365\)"](#)

Location of component(s)

["Location information, PMCI-2"](#)

Electrical diagram(s)

["PMCI-2"](#)

Description of component(s)

["PMCI-2 electronic unit \(D365\)"](#)

Block diagram

["PMCI-2"](#)

Step by step troubleshooting



Please perform the troubleshooting steps below by utilising the breakout harness if necessary to check electrical components such as sensors, electrical control units or harnesses. Back probing is not recommended as it could damage the harness. The ignition should always be in the **OFF** position when connecting or disconnecting electrical components to reduce the likelihood of damage to electrical components



- This troubleshooting tree is based on the assumption that supply power and earth to the PMCI are functioning properly.
- Disconnecting the PMCI connectors during the troubleshooting process will result in multiple errors.
- For specific electrical component information and pin out locations, always refer to the technical data in Rapido.
- It is necessary to exit the '**active errors**' screen in DAVIE and run the diagnostic test again to identify any change in errors.
- Remember that the truck's operational or mechanical issues may be the root cause of both active and inactive codes. Refer to the 'possible causes' section in Rapido.

Step 1

Visual inspection - Visually inspect all applicable connectors and harnesses for corrosion, damage and rubbing during each step of the diagnostic procedure. Proceed to step 2.

Step 2

With key **OFF**, disconnect the OEM harness from the PMCI. Verify that there is 12 volt battery power and that earths are good.

- **If good** - Proceed to step 3.
- **If there is a problem** – Refer to the OEM manual for repair.

Step 3

Turn the key ON, verify that there is 12 volt ignition power to the PMCI:

- **If good** – proceed to step 4.
- **If there is a problem** – Refer to the OEM manual for repair.

Step 4

Possible PMCI failure – Contact the Engine Support Center for further instructions on replacement of the PMCI.

M046384 - 07/22/2015 16:06:35

This information applies exclusively to the entered chassis number or the selected engine type. Please take into account that this information may change daily. Therefore the provided information is only valid on 12-13-2015. You cannot derive any rights from the information provided with respect to vehicles and/or components of another series, with another chassis number, and/or of another date. (/)