

P1106

Fault code description

Engine protection system - Power derate active



This fault is responsible for the actual derate of the engine.

Possible cause

- P1115 (depending on applied software package)
- P1127 (depending on applied software package)
- P1298 (depending on applied software package)
- P1524 (depending on applied software package)
- P1560 (depending on applied software package)
- P1563
- P3787
- P3793

Additional information

There are three different types of software package available:

- Warning state (P2104)
- Derate state (P1106)
- Approaching shutdown state (P1105)

Set condition of fault code

This fault code is set if one or more of the above mentioned fault codes are active

Reset condition of fault code

To resolve this fault code, solve the malfunctions from one or more of the above mentioned fault codes.

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P1106, Diagnostic information

Technical data

-

Location of component(s)

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

Electrical diagram(s)

["PMCI-2"](#)

Description of component(s)

-

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



Fault code P1106 is set when one or more of the fault codes listed below are active.

To resolve fault code P1106, repair any malfunctions from the following list of fault

codes:

- P1115 (depending on applied software package)
- P1127 (depending on applied software package)
- P1298 (depending on applied software package)
- P1524 (depending on applied software package)
- P1560 (depending on applied software package)
- P1563
- P3787
- P3793
- If P1106 goes away, proceed to the verification procedure.
- If P1106 still exists without any other codes present, proceed to Step 2.

Step 2

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

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