

P2135

Fault code description

Accelerator pedal position - Unlikely on ECU (D365) pin (B45) or pin (B49)

Possible cause

1. Faulty wiring
2. Faulty connector
3. Faulty switch

Additional information

Accelerator pedal plausibility to idle switch

Set condition of fault code

-

Reset condition of fault code

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

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P2135, Diagnostic information

Technical data

Refer to the OEM service manual for more information.

Location of component(s)

Refer to the OEM service manual for more information.

Electrical diagram(s)

["PMCI-2"](#)

Description of component(s)

Refer to the OEM service manual for more information.

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 a 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 by step 1: Check fault codes

Step 1A: Check for idle valid switch related codes

Troubleshooting steps

1. Use DAVIE to monitor the accelerator pedal.
 - Choose individual component: accelerator pedal.
 - Monitor the accelerator pedal.
 - Make sure that when the accelerator pedal is pressed down (applied) the Idle validation switch reads 'TRUE', and when the pedal is not pressed down (not applied) the Idle validation switch reads 'FALSE'.

Is the switch test OK?

- **Yes** – Clear the code and perform set conditions to try to get the fault to become active again. If the fault code does not become active, stop troubleshooting this fault code. If the fault code does become active again, proceed to step 2A.
- **No** – Proceed to step 2A.

Step by step 2: ECU

Step 2A: ECU checks

Troubleshooting steps

1. Check pin out ECU pin B49 and pin B45 for the correct resistance.

Is the resistance between pins B49 and B45 as per the specifications?

- Yes – Replace the accelerator pedal and proceed to step 4A.
- No – Proceed to step 3A.

Step by step 3: Wiring and pins from the power source

Step 3A: Check Wiring/damaged pins from power source

Troubleshooting steps

1. Check the wiring/damaged pins from the power source to the accelerator pedal and from the accelerator pedal to the PMCI-2 ECU.

Is the wiring OK?

- Yes – Replace the accelerator pedal and proceed to step 4A.
- No – Proceed to step 4A.

Step by step 4: Clear the Fault Code

Step 4A: Run the idle validation test

Troubleshooting steps

1. Run the idle validation test again.

Did the accelerator pedal pass the test?

- Yes – Troubleshooting complete.
- No – Proceed to step 5A.

Step by step 5: Contact PACCAR Engine Support Center

Step 5A: Assistance.

Contact the PACCAR Engine Support Center for further assistance.

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