# 43-080 - DEF Lamp Operation

3/25/2025                                                              ✏ **Edit**        ⧉ Clone

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43-080

DEF Lamp Operation

## Section

Inlet/Exhaust/Aftertreatment - 43

## Subject

DEF Lamp Operation

## Whats New Abstract

**As of 03/25/2025, this campaign has resumed.**

**Software updates are now available to complete this campaign.**

Campaign start date: **10/22/2024**

## Revision

**03/25/2025:** Campaign has resumed. Software updates are now available to complete this campaign. 39 VINs added to chassis list. Population changed from 84,239 to 84,278. Digital Display and VECU software update procedure has been updated.

**12/19/2024:** Population changed from 85,119 to 84,239. Chassis removed from list that were not affected by issue.

**12/13/2024:** Campaign temporarily suspended.

## Condition

The Diesel Exhaust Fluid (DEF) lamp, in certain instances, may not flash, may not illuminate red, and can be delayed by 30 seconds. This issue may cause inaccurate digital gauge notifications of the DEF system and may cause the Check Engine Lamp to illuminate. Normally the DEF lamp would be illuminated solid white when there are no issues with the DEF system and illuminate solid red or flashing red when there are issues with the DEF system.

Campaign start date: **10/22/2024**

## Chassis Affected

**84,278** (75,466 US and 8,812 Canada)  model year 2021-2025, 365, 367, 389, 520, 535, 536, 537, 548, 567, 579, and 589 chassis equipped with a 7" or 15" Digital Display and VMUX 22.5/23 software.

## Action

**Campaign**

Service all chassis affected that enter your dealership, even if the customer has no issue with the chassis.

1. Review the attached chassis list for your dealer code and schedule your customer(s) for service if their chassis is on the list.

2. In Service Management, select campaign **43080** to add it to the case. If the unit is released back into service without performing the repair, make sure to also release the campaign in Service Management.

3. If you are not using Service Management to start repair orders, review SIR for "Complete" next to the **43080** campaign code prior to performing this repair.

4. Follow procedures to update the VECU and/or Digital Display software.

## Warranty

Starting on **10/22/2024** - There is no time or mileage limit for this campaign. Peterbilt will pay for labor:

- **0.5 hours** labor to process a file through PACCAR Vehicle Pro (PVP) and update the Digital Display and VECU. Use Recommended Repair **43080A**.

- **0.4 hours** labor to process a file through PVP, verify software level in Digital Display and VECU, and update either the Digital Display OR VECU software (if only one module requires a software update). Use Recommended Repair **43080B**.

- **0.3 hours** labor to process a file through PVP, verify software level in Digital Display and VECU. (Both Digital Display and VECU are found to be at the most current software level). Use Recommended Repair **43080C**.

- For any supplemental repairs, file a long form claim and input (**43080**) in the "Campaign Code" field.

- File the claim within 7 days in accordance with Warranty Policy.

- Cross-division repairs are not allowed for this campaign.

**Take-Off Parts Disposition : N/A**

| PRWS CLAIM CODING | | | |
|---|---|---|---|
| **Campaign Code:** | 43080 | **Campaign Type:** | Field Repair |
| **Claim Category:** | Truck | **Repair Type:** | Proactive |
| **Customer Concern Code:** | 029 | **Causal Code:** | 95 |
| **Corrective Action Code:** | 23 | **Responsibility Code:** | Camp |
| **Failure Location:** | 003-002-024 | **Causal Part:** | Q43-6090-100-100 |
| **Supplier Code:** | N/A | **SRT Code:** | **B23-006 0.5 hours** Perform software update (Digital Display and VECU) per 43-080 bulletin procedure.<br><br>**B23-20B 0.4 hours** Process PVP file and |

| | | | program Digital Display OR VECU (one module is already current) **B23-20C 0.3 hours** Process PVP file and verify software for Digital DIsplay and VECU (both modules already current). |

## Parts

**Software only, no parts necessary.**

## Procedure

**Please follow your dealership's safety procedures and precautions to ensure the vehicle can be safely repaired and maintained.**

1. Follow steps in ***Digital Display and VECU software update procedure***.

## Attachments

**43-080 - Chassis List**
**43-080 - Digital Display and VECU software update procedure**

**CUSTOMER LETTERS**

**43-080 - English Customer Letter**

**43-080 - French Customer Letter**

**43-080 - Spanish Customer Letter**