

E306: PACCAR MX-11 & MX-13 EPA2021 Fuel Filter Drain & Change Info

Number	 Edit  Clone
E306	
Description	
PACCAR MX-11 & MX-13 EPA2021 Fuel Filter Drain & Change Info	
Subject	
PACCAR MX-11 & MX-13 EPA2021 Fuel Filter Drain & Change Info	
Date	
10/17/2023	
Condition	
Incorrect fuel filter drain and replacement procedures can result in debris and contaminants in the high-pressure fuel system. This can result in fuel	

system faults, symptoms, and the possible denial of warranty claims.

Chassis Affected

Any EPA2021 compliant PACCAR MX-11 or MX-13 engine in Model Year 2021 or later model 365, 367, 389, 520, 567, 579 chassis.

Action

Info Only

Ensure that all technicians follow proper fuel filter drain and replacement procedures for EPA21-compliant PACCAR MX-11 or MX-13 engines.

These procedures are detailed in the locations below.

Warranty

Incorrect fuel filter drain and replacement procedures could result in the denial of warranty claims by Peterbilt or supplier(s). These denied claims could be charged back to dealers.

Background

Established procedures for draining and replacing EPA21-compliant PACCAR MX series engine fuel filters MUST be followed. Failure to follow the correct procedures results in debris or contaminants in the high-pressure fuel system. These contaminants can cause drivability symptoms and/or fuel

system faults or damage. Warranty claims for troubleshooting and repair of these faults could be denied if correct procedures are not followed.

Procedure

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

Read all steps before beginning.

Correct fuel filter drain and replacement procedures are located at the following locations:

- QR code on fuel filter packaging and [Fuel Filter Insert Sheet](#)
- PACCAR Powertrain YouTube channel: [2021 Fuel Filter Update v5 1](#)
- In RMI for the specific Chassis: See task "Replace Fuel Filter Element Set"
- In the MX-13 Operator Manual (page 73) on ServiceNet: [Y53-1100-1A1](#)
- In the MX-11 Operator Manual (page 74) on ServiceNet: [Y53-1166-1R1](#)

Fuel filters on EPA21 MX series engines **MUST** be drained and removed using the procedures above. Failure to properly drain the fuel filters will result in debris and contaminants entering the high-pressure fuel system.

Warranty claims for damage to and troubleshooting of a contaminated high pressure fuel system could be denied based on investigation of

contaminates found in components such as injectors, pumps, or valves.

This procedure has been included in current PACCAR MX certification training.

Links

[Fuel Filter Insert Sheet](#)

PACCAR Powertrain YouTube channel: [2021 Fuel Filter Update v5 1](#)

MX-13 Operator Manual (page 73) on ServiceNet: [Y53-1100-1A1](#)

MX-11 Operator Manual (page 74) on ServiceNet: [Y53-1166-1R1](#)

Authored by: JB3