



GENERAL SERVICE BULLETIN

Diesel Particulate Filter (DPF) Quick Diagnostic Guide - All 1.5/ 2.0L EcoBlue engines

23-714417 October
2023

This bulletin supersedes 23-7006. Only refer to the electronic version of this GSB. Reason for update: The Service Information has been updated.

Model:

All - with 1.5/2.0L EcoBlue

Markets: All European markets**Summary**

This communication should be used to determine how to interpret **DTC P2002** and help with vehicle diagnostics relating to Diesel Particulate Filter Issues on vehicles with **1.5/2.0L EcoBlue engine**. With some exceptions, all vehicles have Symptom Based Diagnosis (SBD) that utilize the same logic as this guide and SBD should be used for DPF diagnostic whenever possible.

Linked documentation:

- **23-7142** - Diesel Particulate Filter (DPF) - Diagnostic Information

Service Information

The Diesel Particulate Filter (DPF) is a passive device with the sole function to filter soot from engine exhaust gases at the end of the combustion process. Upstream engine processes affect its performance – resolve upstream issues/ DTC's first.

Do NOT clear any data

Connect Diagnostic Tool to the vehicle and establish communication (VID the vehicle) before any changes or resets are done. Some DTC's require five confirmed monitoring sessions (minimum five key cycles) and certain drive conditions to properly assess the status of the components/ systems.

The use of stand-alone diagnostic tools (Snap-On/ Bosch, etc.) is acceptable as long as no reset is performed.

Diagnosing DPF issues - DTC P2002

P2002 should always be the last repair; all other upstream DTC's should be investigated and resolved first, otherwise the DPF will likely fail again as it is operating in an environment outside of its design criteria.

Diagnostic Trouble Codes (DTC) P2002 will be confirmed (MIL ON) if the DPF has cracked and is allowing soot to pass through.

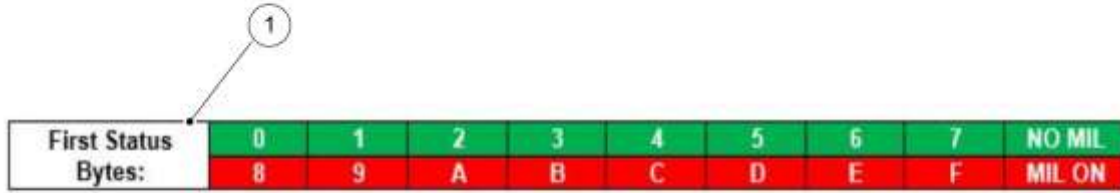
DTC P2002 has two statuses:

- DTC P2002 confirmed and **MIL ON**.
- DTC P2002 not confirmed **without MIL**.

The DTC status bytes determine if the DTC is confirmed and has MIL ON status.

P2002-00-XX

The last two digits **XX** in example P2002-00-XX are the status bytes, the first one of these determines if the DTC is confirmed and the MIL is ON:



E398661

| Item | Description |
|------|--------------------|
| 1 | First Status Bytes |

DTC P2002 confirmed with MIL ON

This is in indication that the DPF has failed (cracked) and needs replacing.

Identify and correct any other powertrain DTC's before replacing the DPF.

DTC P2002 not confirmed without MIL

NOTE: Warranty claims without <MIL on> DTC's in the IDS session file will be returned to dealers for further clarification.

This is not an indictment that the DPF has failed, Do NOT replace the DPF.

Finally, a comprehensive guide to DPF diagnostic is available in General Service Bulletin: **23-7142 - Diesel Particulate Filter (DPF) - Diagnostic Information**

© 2023 Ford Motor Company

All rights reserved.

This bulletin represents technical service information only. Without exception all gratis repairs and replacements are subject to the individual warranty and policy procedures of the supervisory Ford Company. The illustrations, technical information, data and descriptive text in this issue, to the best of our knowledge, were correct at the time of publication.