



Technical Service Bulletin

Technical Service Bulletin: TSB210081**Released Date: 25-Aug-2021****Engine Speed Surges While Running an Aftertreatment Diesel Particulate Filter (DPF) Regeneration in PTO Mode**

Engine Speed Surges While Running an Aftertreatment Diesel Particulate Filter (DPF) Regeneration in PTO Mode

Warranty Statement

The information in this document has no effect on present warranty coverage or repair practices, nor does it authorize TRP or Campaign actions.

Contents

Product Affected

- X12 CM2350 X119B

Issue

Symptom:

- The engine speed is observed to surge while an aftertreatment diesel particulate filter (DPF) regeneration is in progress in PTO mode.

Root Cause:

- An engine control module (ECM) calibration tuning issue results in turbocharger VGT actuator position instability.

Verification

- Start the vehicle and activate PTO mode using an available manual dashboard switch.
- While PTO is running, start an aftertreatment diesel particulate filter (DPF) regeneration using the "Aftertreatment Diesel Particulate Filter Regeneration" test in INSITE™.
- Verify that the engine speed on the vehicle dashboard gauge is abnormally shifting +/- 50 rpm.

Resolution

- Check the electronic control module (ECM) Calibration Revisions page on QuickServe® Online (QSOL) for applicable fixes.
- Calibrate the ECM if necessary. See corresponding Service Manual. Reference Procedure 019-032 in Section 19.

Document History

Date	Details
2021-4-12	Module Created

Last Modified: 25-Aug-2021
