



STAR ONLINE PUBLICATION



Case Number: S2525000002

Release Date: May 2025

Symptom/Vehicle Issue: Diesel Exhaust Fluid (DEF) Gauge Fluctuates Or Is Erratic. Diagnostic Trouble Code (DTC) P203F – Reductant Level Too Low.

Discussion: Some customers may experience their DEF gauge fluctuates or is erratic and drops to empty at times while driving. Upon further investigation, the technician may find DTC P203F is setting in the Powertrain Control Module (PCM).

NOTE: The DEF Level Sensor is no longer part of the DEF Pump assembly

If you receive a vehicle in with this condition, please follow normal published diagnostics for the concern. Be sure to inspect closely that there are no wiring or harness connection issues to the DEF tank and UQS/DEF level sensor. If no issues were found, do not perform any additional repairs. The issue is currently under investigation.

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

Contact STAR Center, or your Technical Assistance Center Via TechConnect, eCONTACT or Service Library entry if no solution is found.