

DEF Inducement Relaxation Software

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SUBJECT DETAIL

This communication is a preview of an upcoming Customer Service Announcement, which will be released in the near future.

In August 2025, the EPA revised the guidelines for derating diesel engines with empty and/or non-functioning DEF systems. Detroit is releasing new optional software with updated vehicle reactions for DEF inducement faults that align with the new guidance. Under the new guidance, the final inducement has increased its speed limit from 5 mph to 25 mph, and the time to final inducements related to component failures has been extended. This change gives operators more time to repair faults without compromising productivity or safety. While the extended timeframe allows fleets to avoid roadside disruptions, emissions compliance remains mandatory, and vehicles must still be repaired to ensure environmental standards are met. The logic to trigger the final inducements related to DEF tank level remains unchanged.

The new software is currently available for Gen 5 Detroit DD13 and DD15 engines. It is also available for DD16s with GATS2.0 Aftertreatment System. Software updates for most GHG17 Medium Duty and all GHG17 Heavy Duty Detroit engines are planned for release in mid to late 2026. Updating software is optional. The associated costs will not be covered by warranty.