

DEF Inducement Relaxation Software

COMMUNICATION:

FIELD SOLUTION: Pending Customer Service Announcement **PUBLISH DATE:** June 2026 (In Review)

TOPIC BACKGROUND:

PRIMARY EFFECT:

- In August 2025 - EPA revised the guidelines for derating diesel engines with non-functioning DEF systems.
- Heavy Duty Detroit engines built in 2026 were factory programmed with updated vehicle reactions for DEF inducement faults that align with the new guidance.
- Software was released for Gen 5 Detroit DD13/15 engines and DD16 engines with GATS2.0 Aftertreatment System.
- Updates for most GHG17 Medium Duty and all GHG17 Heavy Duty Detroit engines are planned for release in mid to late 2026 (pending regulatory approval).
- Updating software is optional. The associated costs will not be covered by warranty.

VISUALIZATION:

New Time Threshold	0	10 hours	80 hours	160 hours	160 hours+
New Torque Derate	No Derate	15%	30%	30%	No Derate
New Vehicle Speed Limit	75+ mph	75+ mph	75+ mph	75+ mph	25 mph

PROGRESS UPDATES:

- CSA document in review.
- 2018+ GHG17 MDEG release targeted for Q3/Q4 release.
- GHG17 HDEP release targeted for Q3/Q4 release.

TOPIC RESOLUTION INFORMATION:

PRODUCTION CHANGEOVER WEEK/MONTH:

- January 1, 2026 - Heavy Duty Detroit engines were factory programmed with updated software.

RESOLUTION:

- The updated software resides in the MCM and ACM.
- Software can be updated with DiagnosticLink, where available (i.e. Gen 5 & DD16 GATS2.0).
- Refer to Service Software Versions on DTNA Portal.