

SB-10058998-9762

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SUBJECT: Cummins ISB and ISL Engine Calibration Revisions Causing Low Power Complaints and Setting DTC 65-25 in H 40/50 EP Systems™

MODELS AFFECTED: H 40/50 EP™ Electric Drive with Cummins ISB and ISL Engines

Issue:

Cummins ISB and ISL engines with engine calibrations listed in [Table 1](#) are experiencing low power complaints and setting Diagnostic Trouble Code (DTC) 65-25 (Engine Failed to Crank). These conditions are due to software changes resulting in the inadvertent shift of engine torque map points.

Table 1. Engine Calibrations

| Engine | Calibration |
|------------|------------------------|
| ISB CM2250 | BZ90005.27 |
| ISL CM2250 | CB90017.16, CB90040.07 |

Action:

Cummins has issued a Technical Service Bulletin (TSB) to notify customers of a temporary solution. TSB 120125 states that if an engine is running one of the listed calibrations and displays the symptoms described above, it must be re-calibrated two revisions prior. The prior re-calibration levels can be found on the Cummins February, 2012 InCal™ DVD. Release of new calibration versions with the appropriate fix is forthcoming.