

**SUBJECT****Service Engine Soon (MIL): EME FC 222321****MODEL**

I12 (i8)

SITUATION

The Service Engine Soon light (MIL) is intermittently illuminated in the instrument cluster, and fault code 222321 “Inverter, current sensor phase U, signal: Too great” is stored in the Electric Machine Electronics (EME).

CAUSE

EME software error

PROCEDURE

Only properly trained personnel, who have passed all applicable technical training courses, should perform any maintenance or repairs on any Hybrid or Electric Vehicle. Work performed by unqualified persons may result in severe injury or damage to the vehicle. Additional information may be found in REP 61 00... Observe safety instructions when handling electric vehicles.

1. Perform a vehicle test using ISTA/D to confirm that fault code 222321 is stored in the EME.
2. If fault code 222321 is stored in the EME, do not follow the recommendations of ISTA/D test plan (ABL_DIT_AT1236_AUMR) to replace the EME.
3. Program and code the complete vehicle with ISTA/P 2.57.0 or higher (target I-Level 15-11-500), which is planned for release in November of 2015.

Note: Prior to the release of ISTA/P 2.57.0, clear the fault code and explain to the customer that a software solution is planned for November 2015. Until the software is available, the likelihood that this condition will return is extremely low. If the situation does occur again, the vehicle should be brought back to the workshop.

Note: Replacing the EME does not provide a solution.

WARRANTY INFORMATION

If the ISTA diagnostics and the related test plans, except for test plan (ABL_DIT_AT1236_AUMR), or performing other troubleshooting procedures results in eligible and covered work, claim this work with the applicable defect code and labor operations listed in KSD2.

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