

# TECHNICAL SERVICE BULLETIN

Group:	11-ENGINE
Bulletin No:	SB-16-002
Issue Date:	1-11-2016
Vendor Ref.:	HMM-160108-J1

## DCU SOFTWARE UPDATE FOR NOX SENSOR

***Supersedes SB-15-038 updated 8-1-2016***

**SUBJECT VEHICLES:** 15MY-16MY Conventional Trucks (238, 258, 268, or 338)

### OVERVIEW:

1. In the event that a subject vehicle exhibits an illuminated check engine lamp and DTC's P2201, P2214, P206B, P207F, or P20EE are stored in the DCU, the NOX sensor may have failed due to a cracked NOX sensor heating element. Follow the revised Workshop Manual diagnostic procedure to determine if the NOX sensor has failed.
2. Enhanced DCU software is available to prevent the NOX sensor heating element from cracking due to exposure of condensation on the heating element.
3. The enhanced DCU software will also prevent false detections of DTC P142A being set in the DCU.

**Note:** This service bulletin is provided as technical information and is not authorization for a warrantable repair.

### REPAIR PROCEDURE

1. Connect a battery charger to the vehicle and your laptop to maintain a proper state of charge during the reprogramming sequence.
2. Verify that the DX2 has software version 1.1.16.1 (DBFile 2.1.16.0) or later.
3. Turn the starter switch to the "ON" position. Update the DCU to the latest software level using the Hino Diagnostic eXplorer II (Hino DX2). Refer to the following table for the appropriate software part number for the application.

### SOFTWARE INFORMATION

Description	New Software Part No.
16MY DCU Software	89550-E0182
15MY DCU Software	89550-E0142

4. Proceed to the final inspection section to complete this technical service bulletin.



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## **FINAL INSPECTION PROCEDURE**

1. To complete this software update procedure, review the TSB and confirm the following:
  - When reprogramming the DCU, DTC's may have inadvertently been set in other control modules. Using the Hino DX2, ensure all codes have been cleared from these modules prior to releasing the truck back to the customer.

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## **CLAIM APPLICATION**

*\* Reimbursable in accordance within the terms and policies of the Hino limited warranties*

### **Engine ECU software update:**

Labor Charge: 0.8 Hours

Warranty Code: 86667

Trouble Code: 98

Operation Code: 86650AOT

Part Number: 999999999



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