

TECHNICAL SERVICE BULLETIN

Group:	11-ENGINE
Bulletin No:	SB-17-004
Issue Date:	1-23-2017
Reference:	HMM-170118-F2

COE ENGINE ECU SOFTWARE ENHANCEMENT

SUBJECT VEHICLES: 13MY-16MY COE Trucks

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

OVERVIEW:

Enhanced engine ECU (Electronic Control Unit) software has been made available to address the following conditions:

Engine torque reduction has been increased to 70%, from an original 50%, when the engine ECU detects a P244B – Incomplete Regeneration, in conjunction with the soot level indicator in the instrument cluster reaching 10 bars.

Detection threshold change for DTC (Diagnostic Trouble Code) P20DF – Aftertreatment Fuel Injection Line Pressure Sensor Signal Too Low.

PTO (Power Take Off) control updates.

- Enable DPR (Diesel Particulate Reduction) auto regeneration during PTO operation.
- Engine speed will be increased to "Preset PTO engine speed 2" when idle up signal is provided to "PTO SWITCH 2".

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 1.1.17.1 or later.



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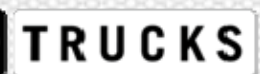
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3. Turn the starter switch to the “ON” position. Update the engine ECU to the latest software level using the Hino Diagnostic eXplorer II (Hino DX2). Refer to the following table for the appropriate software part number for the application.

SOFTWARE INFORMATION

PART NUMBER	MODEL YEAR	DESCRIPTION
89663-E2654	13MY	Diesel ECU Software
89663-E2674	13MY	Hybrid ECU Software
89663-E3033	14MY	Diesel ECU Software
89663-E3043	14MY	Hybrid ECU Software
89663-E3673	15MY	Diesel ECU Software
89663-E3683	15MY	Hybrid ECU Software
89663-E3L45	16MY	Diesel ECU Software
89663-E3L55	16MY	Hybrid ECU Software

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



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FINAL INSPECTION

1. To complete this software update procedure, review the TSB and confirm the following:
 - When reprogramming the engine ECU, 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.

NOTE: This procedure is provided as technical information and is not an authorization for a warranty repair.

CLAIM APPLICATION:

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

Coverage for the engine ECU software is 3 years unlimited mileage or 5 years/100,000 emission warranty.

Engine ECU Reprogramming:

- a) Labor Charge: 0.8 hours
- b) Warranty Code: 86311
- c) Trouble Code: 98
- d) Operation Code: 86350AOT
- e) Part Number: 9999999999



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