



TECHNICAL SERVICE BULLETIN

CONVENTIONAL ECU SOFTWARE
ENHANCEMENT

BULLETIN NO: SB-17-017
DATE: 6-27-2017
REFERENCE: HMM-170118-F1

SUBJECT VEHICLES: 11MY-16MY Conventional Trucks equipped with a J08 engine

OVERVIEW:

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

1. 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.
2. Improved DPR (Diesel Particulate Reduction) auto regeneration function during continuous high speed driving.
3. Enhanced DX data monitor display.
 - a. EGR (Exhaust Gas Recirculation) gas flow monitor.
 - b. Estimated boost pressure.
4. Eliminate pending DTC (Diagnostic Trouble Code) on DX report.
5. PTO (Power Take Off) control updates.
 - a. Enable DPR auto regeneration function during PTO operation.
 - b. Enhanced engine speed control during high load PTO operation.
 - c. 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 1.1.17.7 or later.
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-E1V17	11MY	J08EVC ECU Software
89663-E1V27	11MY	J08EVB ECU Software
89663-E2776	12MY S/C	J08EVC ECU Software
89663-E2786	12MY S/C	J08EVB ECU Software
89663-E2B46	12MY R/C	J08EVC ECU Software
89663-E2B56	12MY R/C	J08EVB ECU Software
89663-E2P16	13MY	J08EVC ECU Software
89663-E2P26	13MY	J08EVB ECU Software
89663-E3016	14MY	J08EVC ECU Software
89663-E3026	14MY	J08EVB ECU Software
89663-E3654	15MY	J08EVC ECU Software
89663-E3664	15MY	J08EVB ECU Software
89663-E3L24	16MY	J08EVC ECU Software
89663-E3L34	16MY	J08EVB ECU Software



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

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.

CLAIM APPLICATION

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

Engine ECU Reprogramming:

- a) Labor charge: 0.8 hours
- b) Warranty code: 86311
- c) Trouble code: 98
- d) Operation code: 86350AOT
- e) Original failed part: 9999999999

