Mack Trucks, Inc.
Greensboro, NC USA

Service Program Trucks

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SB-10044336-9440

Engine ECU Software Update
MP7_US2010
LEU, MRU

PI0782, Engine Control Module (ECM) Software Update

(May 2012)

Information

New software update with enhancements to address SPN 1659 FMI 2 fault codes is available for the Engine Control Module (ECM). The fault settings were not adjusted in the current software release.

Note: This bulletin does not apply to Mack Trucks Australia.

Required Tools

Premium Tech Tool version 1.12.260 or higher

Communications Cable 88890154 or 88890034

Communications Adapter 88890020 or 88890180 with firmware 1.12.0.2 or higher

Procedure

> You must read and understand the precautions and guidelines in Service Information, Function Group 20, "Engine Safety Practices" before performing this procedure. If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.

⚠ DANGER

Do not attempt to repair or service this vehicle without having sufficient training, the correct service literature and the proper tools. Failure to follow this could make the vehicle unsafe and lead to serious personal injury or death.

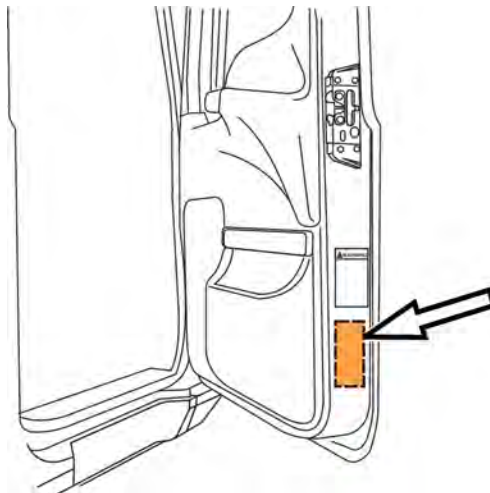**Note:** Always ensure the most recent software version for Premium Tech Tool (PTT) is installed on your PC.

1 Verify service program eligibility by checking service program status in eWarranty.

2 Connect Premium Tech Tool (PTT) to the vehicle diagnostic connector using the 9 pin diagnostic communications cable 88890154 or 88890034 and communications adapter 88890020 or 88890180. Connect the PC to a functional LAN network connection and a reliable power source (the Intermediate Storage function may be used).

3 Turn ignition key to the "ON" position.

4 Log in to PTT and proceed to the Identification of Vehicle/Machine panel.

5 Once the vehicle has been identified and selected start VCADS Pro.

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6   Enter the job card information.

7   From the VCADS Pro Operations Menu select:

   a. 2 - Engine, Engine Mounting and Equipment

   b. 2841-22-03-03 – MID 128 ECU, programing

   c. Reprogram control unit with complete software package.

> **Note:** If you lose power or your network connection during programming you will need to start programming over from the beginning.

8   When programming is complete, exit the programming operation.

Note: To signify that the campaign has been completed, using a permanent-type marker (such as a Sharpie®) to write the campaign number **(PI0782)** and completion date in the spaces provided on the Campaign Completion label located inside the cab as shown in the illustration below. If a label is not already affixed inside the cab, apply a label (part number TS897) and supply the information as required. Campaign Completion labels are available in packs of 50 and can be ordered by faxing a completed BR313 to Pacesetters Business Services at 610-264- 9465.

W8034103

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Reimbursement

This repair is covered by an authorized Service Program. Reimbursement is obtained via the normal claim handling process.	
Claim Type (used only when uploading from the Dealer Bus. Sys.)	41
Recall Status	
Vehicle inspected, repair not required	1- Inspected OK
Vehicle repaired per instruction	2- Modified per instruction
Labor Code	
Primary Labor Code- Engine Software Update	2302W-36-96 0.4 hrs
Time to take charge and determine campaign status	101AA–0A–00 0.3 hrs
Causal Part	3092091
Authorization Number	PI0782
Expiration Date	31-JAN-13

Note: Take Charge Time is not included in the Labor Code for this operation. Take charge may be eligible but can only be used once per repair visit. If vehicle is having other warranty repairs performed, take charge should be charged to the warranty repair, otherwise take charge can be charged to this service program.