

Premium Tech Tool Version 2.8.* - Operation 1700-08-03-39: Program Electronic Control Unit



Premium Tech Tool (PTT) 2.8 has new functionality aimed at helping the technician identify the ECU(s) which may be programmed. The objective of this change is to reduce unnecessary reprogramming of ECUs.

Programming With Updated Software

With the introduction of PTT version 2.8, only ECUs with software upgrades available will be displayed when running operation

In the screenshot below, for example, the Engine ECU (EMS) is not displayed in the list of modules which can be selected for upgrade. This indicates that the software currently installed on the EMS is the latest, or current, version.

ProductProduct HistoryDiagnoseTestCalibrateProgramImpact

Software packages

☐	Software Package	Status
☐	Light Control Module (LCM) (MID 216)	
☐	Telematics GateWay (TGW)	

1700-08-03-39 Program Electronic Control Unit

Select software packages and then click Program to start programming the

When multiple software packages are selected, there will be a request to ru

Package status information

If a software package requires attention, a symbol is shown in the Status co

Control unit calibration

It may be necessary to perform calibrations after an Electronic Control Unit t

☐ I have read and understand the above advisory

NOTE: It is not necessary to update all ECU's to latest software level. In the example above, unless vehicle was in shop for Light Control Module issue, there is no requirement for the Light Control Module Software to be updated.

Reloading The Same Software Version

Occasionally, there may be a need to re-load existing software to an ECU.

This is not a normal requirement and should only be done when absolutely necessary or recommended by the Technical Support Team.

To reload the same version of software that is currently installed on a module, use PTT Operation [1700-22-03-12 Replace Hardware](#). No hardware should be changed if this operation is required.

Tags

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ProductProduct HistoryDiagnoseTestCalibrateProgram

Program

Select an operation and click Start

1700-08-03-39 Program Electronic Control Unit

1700-22-03-03 Parameter, programming

1700-22-03-02 System Date and Time

1700-22-03-06 Accessory Kit

1700-22-03-11 Campaign

1700-22-03-12 Replace Hardware

1700-22-03-13 Program with Stored Software

1700-08-03-40 Handle Component

1700-22-03-14 Synchronize electronic control unit data

3810-22-03-10 Change Language

3837-22-03-01 Odometer programming

1700-22-03-12 Replace Hardware

To run the operation in simulation mode, select Run as simulated

Run as simulated

Description

Use this operation to replace an Electronic Control Unit and its connected sub hardware. Sub hardware can be replaced without replacing the control unit.

All transferable parameter values will be read from the old Electronic Control Unit before it is replaced and written back after the installation

Note:

 The old Electronic Control Unit must stay connected to the product until the parameters have been read out before replacing it with the new one

Note:

 It may be necessary to perform calibrations after an Electronic Control Unit has been programmed

Start >

Chassis ID: N 890687Work Order: 000

ProductOffline

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