



Mack Models

Mack Model	TE-TerraPro , LR , LEU , MRU-TerraPro , GR-Granite , PI-Pinnacle , AN-Anthem , CHU-Pinnacle, Axle back , CXU-Pinnacle, Axel forward , GU-Granite , TD-Titan
-------------------	---

Volvo Models

Volvo Model	VNR , VNX , VNL , VNM , VHD , VAH
--------------------	-----------------------------------

Engine family

Engine family	11L Engine , 13L Engine , MP7 , MP8
---------------	-------------------------------------

Emission Standard

Emission Standard	2018 , OBD2017
-------------------	----------------

** SOLUTION **

Title	Remote Control Central Door Lock, Programming; Key Fob Cannot Be Programmed Or Does Not Work After Programming - Model Year 2018 And Newer
--------------	---

Cause	Technicians cannot achieve key fob programming mode due to the ECU's extended power down time.
--------------	--

Solution	Due to the ECU's extended power down time it is recommended to move the ignition switch to the drive position and remove the ignition fuse 4 times as an alternative to cycling the ignition switch 4 times. Doing this will power down the system faster so this step can be completed within the 15 second time frame. The remaining steps are as follows.
-----------------	--

1. The direction indicator lamps remain on and the system is now ready to be programmed.

Note: **The instrument cluster does not indicate programming mode.**

2. Press button 1 or 2 on the original remote control.

Note: **It is recommended that at least one remote control to be secured at all times, to avoid the replacement of the module-remote control pair, if both original remote controls are missing.**

Note: **This step is a security feature.**

3. The direction indicator lamps turn off for approx. 1 second to indicate that the module has recognized the original remote control.

Note: **No reprogramming is possible without an original remote control.**

4. Press button 1 or 2 on each remote control that is desired to be programmed.

5. The direction indicator lamps go out for approx. 1 second to indicate that the new remote control has been added.

6. To program the next remote control repeat Step 4. The system will exit programming status after 15 seconds if no additional remote controls are programmed. This is also the maximum time between activating the remote control within the programming cycle. The system will also exit after eight remote controls are programmed.

7. When the remote control returns to the 'Normal' mode, If no buttons are pressed, then the last remote control programmed, remains current for the system.

Note: Due to the security feature, all desired remote controls to be programmed must be programmed, before the programming mode is exited into the Normal mode. To add a new remote control and keep the previous ones, all steps must be taken again having all the controls ready. The module starts each programming process anew.

Solution visibility	Dealer distribution
Function(s)/component(s) affected	
Function affected	FSB , immobiliser , doors
Function Group	
Function Group	364 electrical item
Customer effect	
Main customer effect	calibration/programming/pairing/missing operation , locking/unlocking
Administration	
Author	A241298
Dealer ID	A241298
Last modified by	A241298
Creation date	04-10-2018 15:10
Date of last update	23-10-2018 21:10
Review date	02-04-2019 00:04
Status	Published
Variantes Kola	
3AX - DOOR LOCK CAB	LOCK-CTL - CENTRAL DOOR LOCKING , LOCK-REM - CAB DOOR LOCK, EXTERNAL REMOTE CONTROL , LOCK-ALL - CENTRAL DOOR LOCK. + CUT OF THE ELECTRICITY OF THE TRUCK.