

Bendix ABS ECU AN, GR, PI, TE

RECALL INFORMATION

(November 2024)

Mack trucks has determined that certain AN, GR, PI and TE model vehicles equipped with Bendix EC-80 ABS and towing capability may get an ABS fault due to miscommunication with the trailer. This could impact the ABS/ESP/AEB performance which could result in improper responses from the ABS system. The system may respond incorrectly to the event which could increase the likelihood of a crash.

To ensure these vehicles meet Mack's strict quality standards, the Bendix EC-80 electronic control unit software will be updated.

VEHICLES AFFECTED

Certain 2020-2025 Anthem, Granite, and TerraPro vehicles manufactured between May 1, 2019, through October 18, 2024.

VEHICLE QUANTITY

There are 68,929 vehicles affected by this recall. (59,338 US, 6,855 Canada, 676 Mexico, and 2,060 Export)

Parts

• N/A

Repair Instructions

- 1. Park the vehicle on level surface.
- 2. Apply the parking brake.
- 3. Place the transmission in neutral.
- 4. Install the wheel chocks.



Download Bendix's EC-80 Software Update

5. Navigate to Trucks Dealer Portal > Information > Service > Software Downloads. Fleets will contact their Fleet Service Manager for tool download information.



- 6. Download to an accessible location on a Window's 10 or 11 based device.
- Run the *EC80 Update Tool-ID 9363* installer and follow the instructions in the dialog box of the installer until installation is completed. The EC80 Update Tool-ID 9363 will only need to be installed once. If any issues occur with the install, contact your local IT department.

Step 1. Run the EC80 Setup Wizard.

Welcome to the EC80 Upda Wizard	ate Tool-II) 9363 Setup	
The installer will guide you through the steps computer.	required to insta	all EC80 Update TooHD 93	163 on your
WARNING: This computer program is prote Unauthorized duplication or distribution of thi or criminal penalties, and will be prosecuted	cted by copyrigh s program, or ar to the maximum	t law and international treat ry portion of it, may result in extent possible under the l	iies. severe civil aw.
	< Back	Next >	Cancel

Step 2. Select folder location for EC80 Update Tool.

Select Installation Folder			
The installer will install EC80 Update TooHD 9363 to the following folder. To install in this folder, click "Next". To install to a different folder, enter it below or click "Browse".			
Eolder: C\Program Files\Bendix CVS LLC\EC80 Update TooHD 9363\	Browse		
	Disk Cost		
Install EC80 Update Tool-ID 9363 for yourself, or for anyone who uses this computer:			
Everyone			
⊖ Just me			
< Back Next	> Cancel		

Step 3. Confirm installation of EC80 Update Tool.

Confirm Installation			
The installer is ready to install EC80 Upda	ite Tool-ID 9363 on	your computer.	
Click "Next" to start the installation.			
	< Back	Next>	Cancel

Step 4. Close the Setup Wizard. Installation is complete.



Complete EC-80 Update Procedure

- 7. Before beginning the update procedure, ensure proper battery voltage of the vehicle.
- 8. With the engine off, key on the vehicle. Do NOT start the vehicle.
- 9. Connect the harness from the Window's 10 or 11 device to the vehicle using the 16-pin diagnostic connector.
- 10. Select and open the *EC80 Update Tool-ID 9363* shortcut.

EC80 Update Tool-ID 9363		
Settings	Bendix	
	Update	

11. Select the settings tab.

Settings	Bendix	
	Update	

12. Choose the installed diagnostic interface noted by the blue box (Reference compatible list of interfaces below). Select channel 2 with Auto Baud rate from the drop down indicated by the red arrow. Once selected, click *save*.

	FC80 Update	Tool-ID 9363 - 1.0.18.0			пх	
	ceoo opuare	1001-10 3303 - 1.0.10.0				Compatible Interfaces:
Dev	vices				×	- DG Dearborn Protocol
10 2 3	DULL NULN3R32 NULN3R32	Name BTUSBLINK WIFIUSBLINK	Vendor NEXIQ TECHNOLOGIES USB-LINK 3 NEXIQ TECHNOLOGIES USB-LINK 3	Description BLUETOOTH USB-LINK 3,BLUETOOTH WIFI USB-LINK 3,WIFI	^	Adapter (DPA) 5 - DG Dearborn Protocol Adapter (DPA) XL -Noregon 2.0
1 2 3 1 2 2 1 1 1	NULN2R32 NULN2R32 DLA332 DLA332 DLA332 DLA332 DLAUSB32 DGDPAXL DGDPA5M,	USBLINK BTUSBLINK WIFIUSBLINK DLA+ 3.0 USB DLA+ 3.0 WIFI DLA+ 3.0 BLUETOOTH DLA+ 2.0 DPA XL USB DG DPA 5 DUAL CAN (MA) US	NEXIQ TECHNOLOGIES USB-LINK 2 NEXIQ TECHNOLOGIES USB-LINK 2 NEXIQ TECHNOLOGIES USB-LINK 2 NOREGON SYSTEMS LLC, DLA+ 3.0 NOREGON SYSTEMS LLC, DLA+ 3.0 NOREGON SYSTEMS LLC, DLA+ 3.0 NOREGON SYSTEMS INC., DLA+ 2.(DG TECHNOLOGIES DPA XL DG TECHNOLOGIES DPA 5 MULTI A	USB-LINK 2,USB USB-LINK 2,BLUETOOTH USB-LINK 2,WIFI DLA+ 3.0, USB DLA+ 3.0, WIFI DLA+ 3.0, BLUETOOTH DLA+ 2.0, USB DPA XL USB, USB DG DPA 5 DUAL CAN (MA) USB USB		-Noregon 3.0 -Nexiq USB Link 2.0 -Nexiq USB Link 3.0 -Vocom I -Vocom II Tough -Vocom II Mini
	RP1210 Chann Baud=Auto,Ch Baud=Auto,Ch Baud=Auto,Ch Baud=Auto,Ch Baud=250000, Baud=250000, Baud=250000, Baud=500000, Baud=500000,	nel: annel=2 v annel=1 annel=2 annel=3 Channel=1 Channel=2 Channel=3 Channel=1 Channel=2 Channel=2 Channel=3	Save			

- 13. On the Update Tool dialog, click Update.
 - 1. If the update is *successful*, the screen will show that the software has been updated and the procedure is complete.



14. If the update has already been performed, no further action is required.

Settings	Bendix
	Update Update
FCII alread	v undated - K1634028011 7300822 7232486
If expe	riencing ECU issues contact 1-800-AirBrake

- 15. If the update *fails or errors or ends in an errored state* (*examples of errors below*), the screen will show the software was not able to update. Power cycle the vehicle and restart the update procedure from Step 11.
 - 1. If the detected ECU is not eligible for an update, no further action is required.

Settings	Bendix
	Update Update
	ECU ineligible for update (K245225R000,Z295429 Z288843)

2. If engine RPM is detected during the procedure, power cycle to ignition only and restart the update procedure from Step 11.

Settings	Bendix	
	Update	
Engine RPM detected! Set to IGN power only and try again.		

3. If the ECU is not detected, verify the ignition power is ON and/or ensure the correct channel is selected. Verify user is connected to the proper diagnostic connector. Then, restart the update procedure from step 11.

Settings	Bendix	
	Update	
	ECU not detected	

16. Once the Bendix EC-80 software has been updated successfully, return the vehicle to service.

REIMBURSEMENT

This repair is covered by an authorized Safety Recall. Reimbursement is obtained through the normal claim handling process.		
	UCHP Reimbursement	
Claim Type (used only when uploading from the Dealer Business System)	40	
Recall Status		
Vehicle repaired per instructions	1-Modified per instructions	
Labor Codes		
1700-22-03-11 Campaign, Programming	0.3 x 1 (0.3 hrs)	
Causal Part	23103632	
Authorization Number	C0400	

Note: Dealers or the designated representatives are to perform Safety Recall on all subject vehicles at no charge to the vehicle owner regardless of mileage, age of vehicle or ownership (original purchaser or subsequent purchasers). Whenever vehicles that are subject to a Safety Recall are brought to your dealership for service, it is strongly recommended that every effort be made to perform the recall correction before the vehicle is released to the owner.