



TECHNICAL SERVICE BULLETIN

Subject	PowerTrain EEPROM Update
Issue Date	10/01/2025
Service Bulletin Number	SC-25-006
Models Affected	Service Specified Vehicles
Complete By	Next Service Opportunity
Labor Operation Code	HC60Z
Description	Powertrain EEPROM update to reduce cabin transmission noise and lower operating temperatures.

Labor Table				
	Operation	Technicians	Hours	Labor Time (T x H)
1	Steps 1-8	1	.5	.5 Hours
		Total Labor Time:		.5 Hours

Contact the PhoenixEV Customer Service Team with any questions related to the following procedure.

864-243-7572

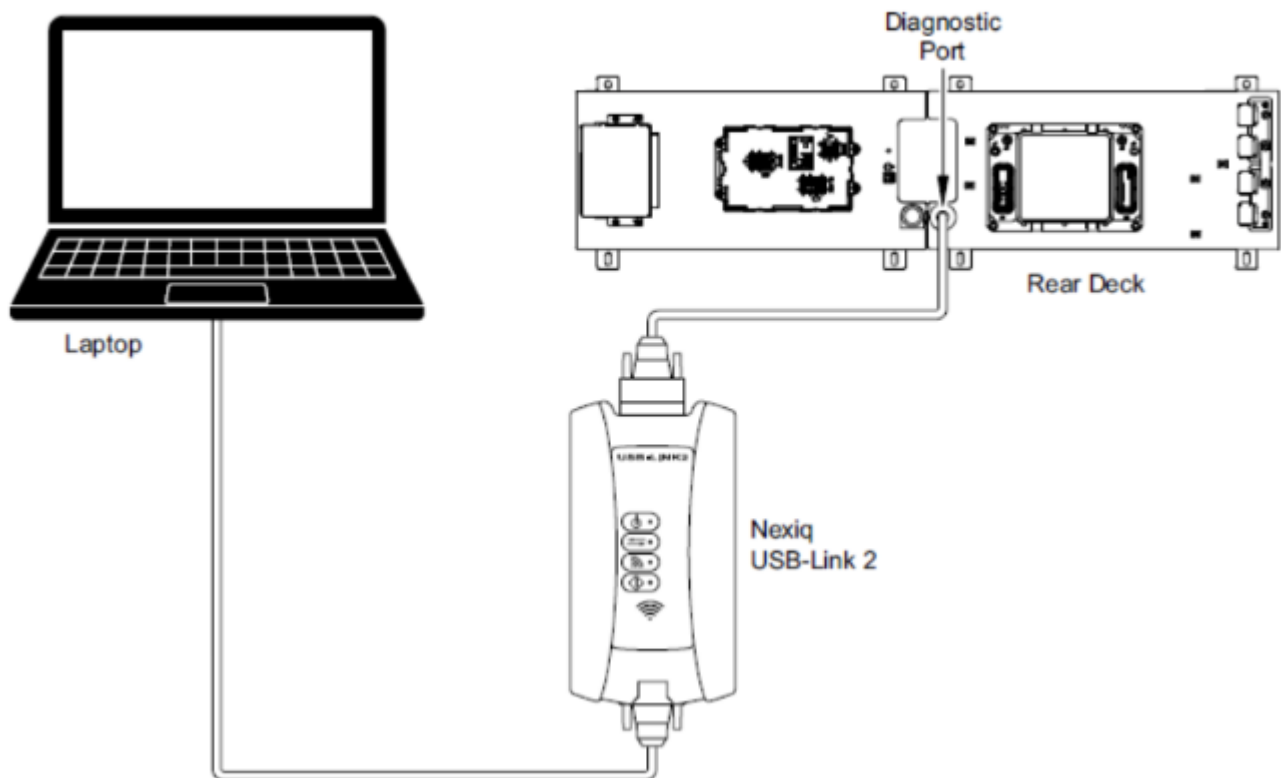
TransitWarranty@phoenixmotorcars.com

Overview:

This instruction set is to inform the user of how to modify the powertrain EEPROMs.

Step 1:

Turn on the battery saver switch. Then turn on the 12/24v rear master disconnect located at the curbside rear charge port access panel and the LV Battery Saver Switch near the LV batteries.



Step 2:

Turn the master switch to the “Day Run” position and turn the Hazard Switch **ON**.

NOTE - DO NOT PRESS THE START PB. THIS WILL ENGAGE HV.

NOTE - Other system may cause the hazard lights to be on. Ensure the Hazard Switch is on for flashing purposes.

Step 3:

Access the rear deck above the rear window and remove the protective cap.

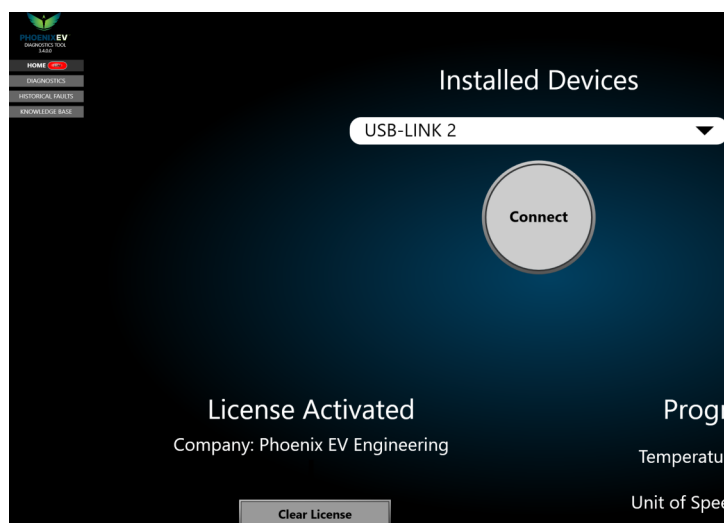
Connect to the vehicle using the NEXIQ USB LINK2 and PDT.



Step 4:

When the program opens, read and click “OK” for the prompt.

Once the diagnostic tool has connected to the vehicle, a VIN number and connection status will appear on the home screen, along with selectable tabs to navigate.



Step 5:

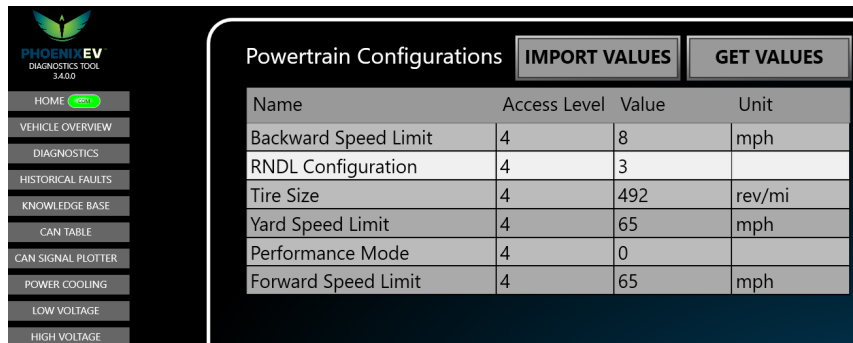
Ensure you are running the most recent PCM software. This can be checked in ServiceMax by internal members reviewing the VINs WO/Campaign history.

Go to the software version tab in the PDT and compare versions.

Step 6:

Go to the Powertrain Config tab on the PDT and Click “Get Values”

Click on the RNDL Configuration.



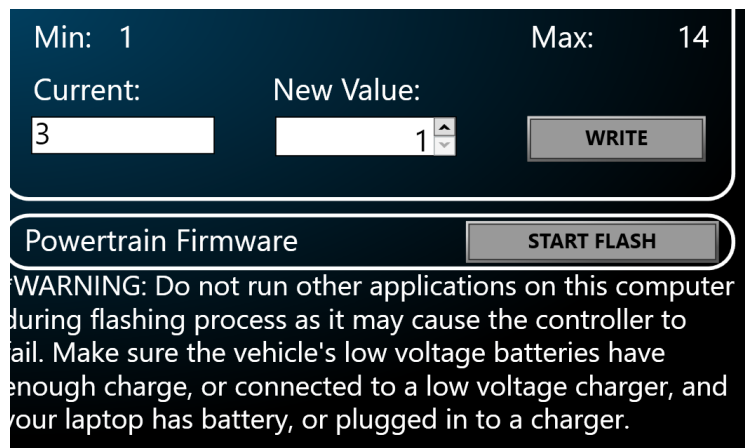
Name	Access Level	Value	Unit
Backward Speed Limit	4	8	mph
RNDL Configuration	4	3	
Tire Size	4	492	rev/mi
Yard Speed Limit	4	65	mph
Performance Mode	4	0	
Forward Speed Limit	4	65	mph

Step 7:

With the RNDL Configuration selected. Type in “1” in the new value field on the right hand side of the screen. And click “WRITE”.

Then a pop up will appear on the PDT, you must select “Ok” for the EEPROM to set.

Power cycle the vehicle, and check to make sure the EEPROM set.



Min: 1 Max: 14

Current: 3 New Value: 1

WRITE

Powertrain Firmware START FLASH

WARNING: Do not run other applications on this computer during flashing process as it may cause the controller to fail. Make sure the vehicle's low voltage batteries have enough charge, or connected to a low voltage charger, and your laptop has battery, or plugged in to a charger.

Step 8:

The EEPROM update is complete. Please disconnect from the vehicle, remove service equipment turn off the vehicle at the master switch, master disconnect and battery saver switch. The vehicle may return to service.
