

# FORD PERFORMANCE



March 10, 2025

## Technical Service Bulletin – 37a

### Mustang Dark Horse R ABS Updates

Please update in the following order:

1. RaceABS Software
2. M5 ABS Software
3. Calibration File
4. DTC Code Definitions

#### Action 1: Please update to latest version of RaceABS software

- Latest version: [3.5.4.21](#)
  - Additional link: <https://www.bosch-motorsport.com/content/downloads/Raceparts/en-GB/381092107.html>

#### Action 2: Verify M5 ABS Software

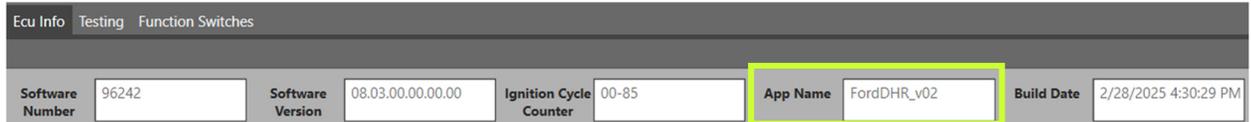
- Open RaceABS and connect to vehicle
- Navigate to the 'ECU Info' page, and verify that:
  - 08.03.00.00.00.00 is stated in the 'Software Version' box

Ecu Info	Testing	Function Switches							
Software Number	96242	Software Version	08.03.00.00.00.00	Ignition Cycle Counter	00-85	App Name	FordDHR_v02	Build Date	2/28/2025 4:30:29 PM

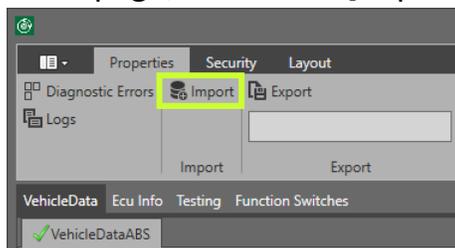
If 08.03.00.00.00.00 is not stated in the 'Software Version' box, please contact Ford Performance to arrange an appropriate time to update your M5 ABS module to the latest software.

## Action 3: ABS Calibration

- Open RaceABS and connect to vehicle
- Navigate to the 'ECU Info' page, and verify that:
  - *FordDHR\_v02* is stated in the 'App Name' box



- If *FordDHR\_v02* is not stated in the 'App Name' box, navigate to the 'Vehicle Data' page, and select [import] in the top left of the page.



[must have Software Version 08.03.00.00.00.00]

- Navigate to and select this file:  
'RaceAbs.Export\_FordDHR\_v02\_BL08.03.abs'



RaceAbs.Export\_Ford  
DHR\_v02\_BL08.03.abs

- This file is available in the Owner's Information area on the Dark Horse R Mustang Challenge Site
- <https://performance.ford.com/motorsport/mustang-challenge/competitor-info>
- This will update your Bosch M5 ABS Module to the *FordDHR\_v02* calibration.

If software version 08.00.00.00.00.00 is present – a different calibration file is required.

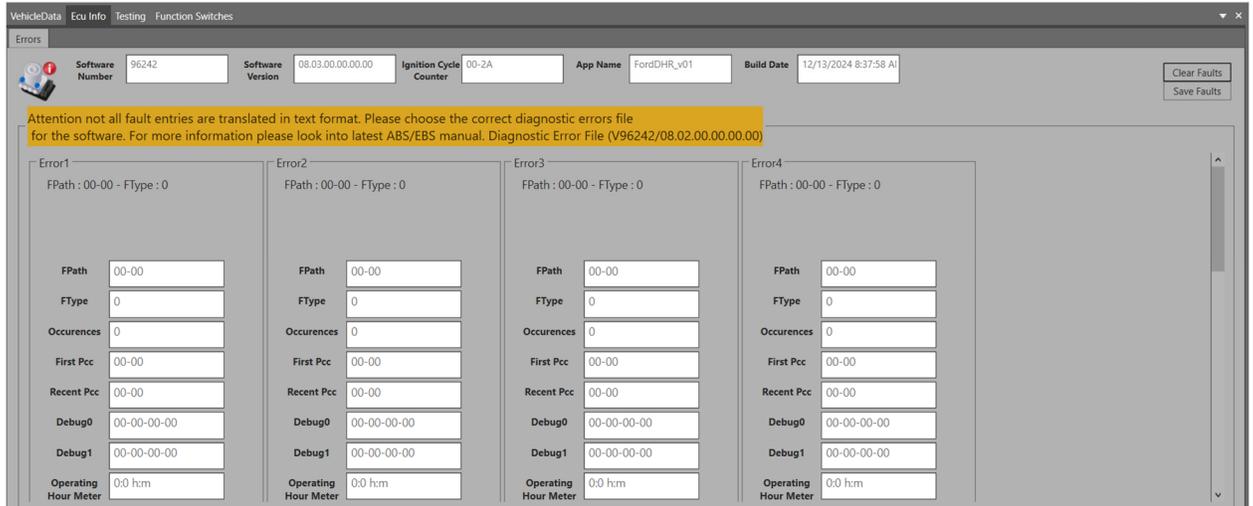
- Follow the procedure above, but using calibration file  
'RaceAbs.Export\_FordDHR\_v02\_BL08.00.abs'

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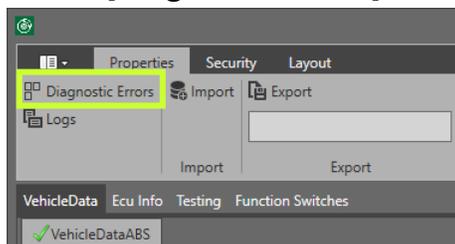
- This file is available in the Owner's Information area on the Dark Horse R Mustang Challenge Site
- <https://performance.ford.com/motorsport/mustang-challenge/competitor-info>

## Action 4: Verify the DTC Code definitions and RaceABS Software are properly linked

- Not having the proper DTC Code Definition .XML text file linked to RaceABS would make all DTC Codes meaningless
- Open RaceABS and connect to vehicle
- Navigate to 'Ecu Info'
  - If the incorrect DTC code Definition .XML is linked, the orange error statement below will occur:



- Select [Diagnostic Errors]



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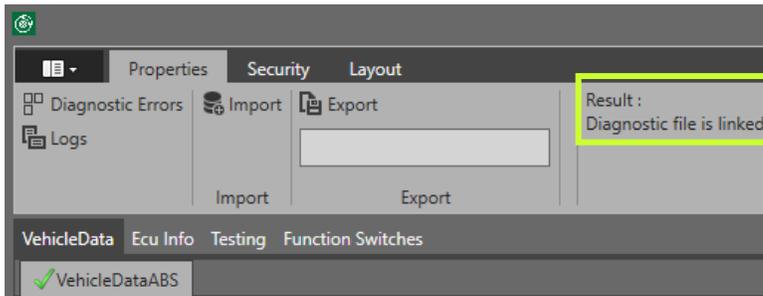
- Navigate to and select this file:
  - Patch: "C:\Program Files (x86)\Bosch Motorsport\RaceAbs\DiagFiles\UDS\08.03.00.00\TKWINX\_FAILUREMEMORYDESCRIPTION\_BB96242.XML"



TKWINX\_FAILUREMEMORYDESCRIPTION\_E

NOTE: This file should be in your RaceABS folder structure similar to above that was designated when installing the new RaceABS software 3.5.4.21. Otherwise, it will be posted to the Mustang Challenge Owner's Information area.

- You should see "Result: Diagnostic file is linked"



- RaceABS is now linked to the proper DTC Code definitions file and the orange error will disappear. It's recommended to do a key cycle after this step
- The .XML text file may be opened to read the details and descriptions of ABS DTC Codes when trying to diagnose errors