

FORD PERFORMANCE



February 25, 2025

Technical Service Bulletin – 36

Mustang Dark Horse R MoTeC Configuration

Issue: For the 2025 racing season, the parameters recorded by the MoTeC have been updated. The naming convention of parameters has also been changed to closer align with other Ford Performance racing vehicles.

Attention: The data recorded by the MoTeC are used for post event scrutineering. Thus, it is mandatory that each team use the new provided files as a basis for the C187 configuration. Modifying the graphical display and configuring for the addition of approved hardware is permitted.

Action:

- Follow the procedure below to update the MoTeC C187

Procedure: Update both the C187 Dash Manager and Display Creator files

Download New Files

The new C187 files will need to be downloaded from:

<https://performance.ford.com/motorsport/mustang-challenge/competitor-info>

Download both the DHR_MGMD4_009_NG_Production.c187v64 and DHR_MGMD4_009_NG_Production.c187v64.dcproj files.

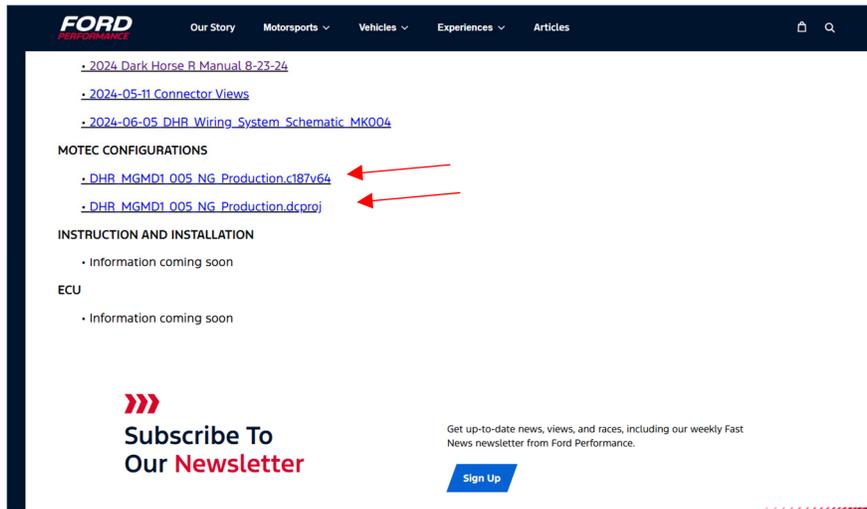


Figure 1: Downloading the current configuration.

Motec Dash Manager

Your Motec dash is accessible through the Motec C187 Dash Manager application. This is an application available for download at <https://www.motec.com.au/products/C187>. Installation support of the C187 dash manager software is available through the Motec website. With this software you can change screen settings, logging settings, and shift light configurations, as well as retrieve logged data from the device.

Loading the configuration from the previously downloaded file can be done with the Motec C187 Dash Manager following these steps:

1. Open the C187 Dash Manager
2. Select Open as shown in Figure 2.

FORD PERFORMANCE

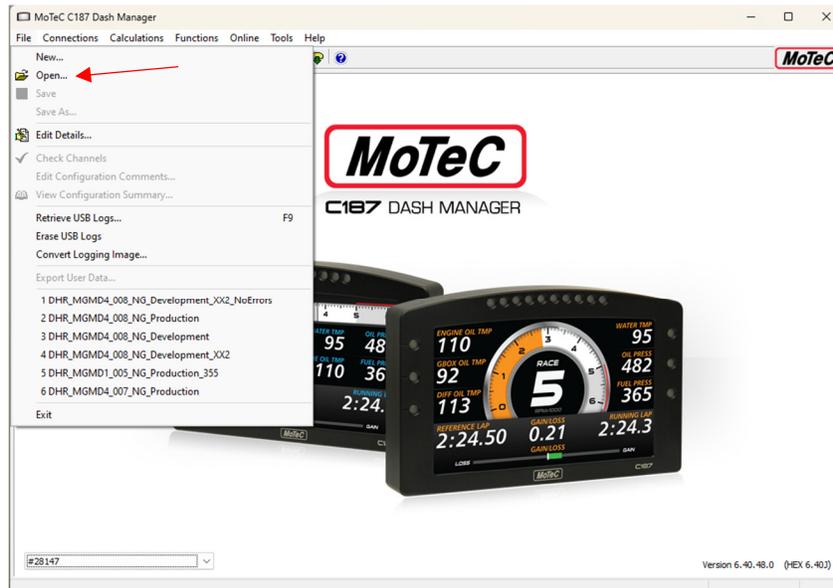


Figure 2: Motec Dash Manager – loading the configuration.

3. Select “Import” as shown in Figure 3 and navigate to the file “DHR_MGMD4_009_NG_Production.c187v64” previously download.

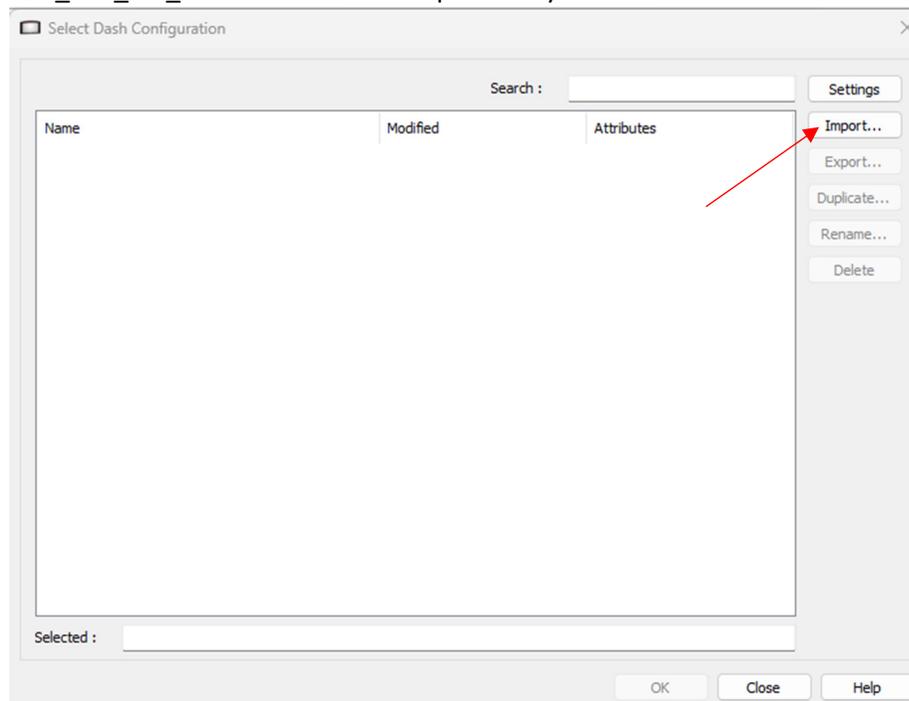


Figure 3: Motec Dash Manager – loading the configuration.

4. Double click on DHR_MGMD4_009_NG_Production.

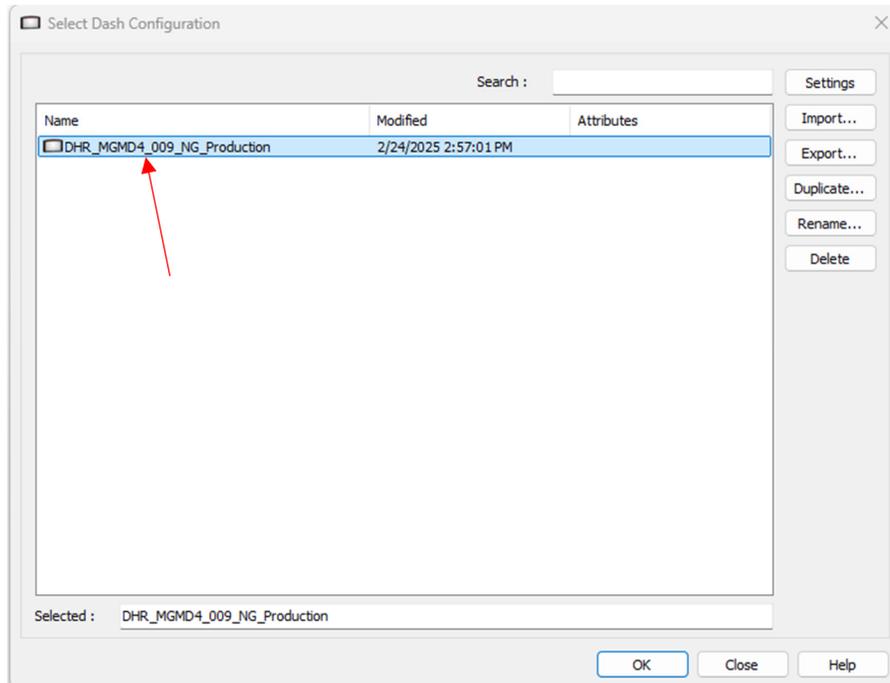


Figure 4: Motec Dash Manager – loading the configuration.

5. Connect the computer to the data port (ethernet) located in the glove box area.
6. Select send configuration.

FORD PERFORMANCE



Figure 5: Motec Dash Manager – send configuration.

Motec Display Creator

Downloading an Existing Project

Under the original configuration, your vehicle is supplied with three screen modes configured specifically for this car. An add-on feature of the dash is a license that allows the user to create unique screens with additional functionality over the default screen options. The license gives the ability to use the Motec Display Creator tool. It is available for download at <https://www.motec.com.au/products/C187>.

1. After installation, launch the Display Creator software.
2. Select “open”.

FORD PERFORMANCE

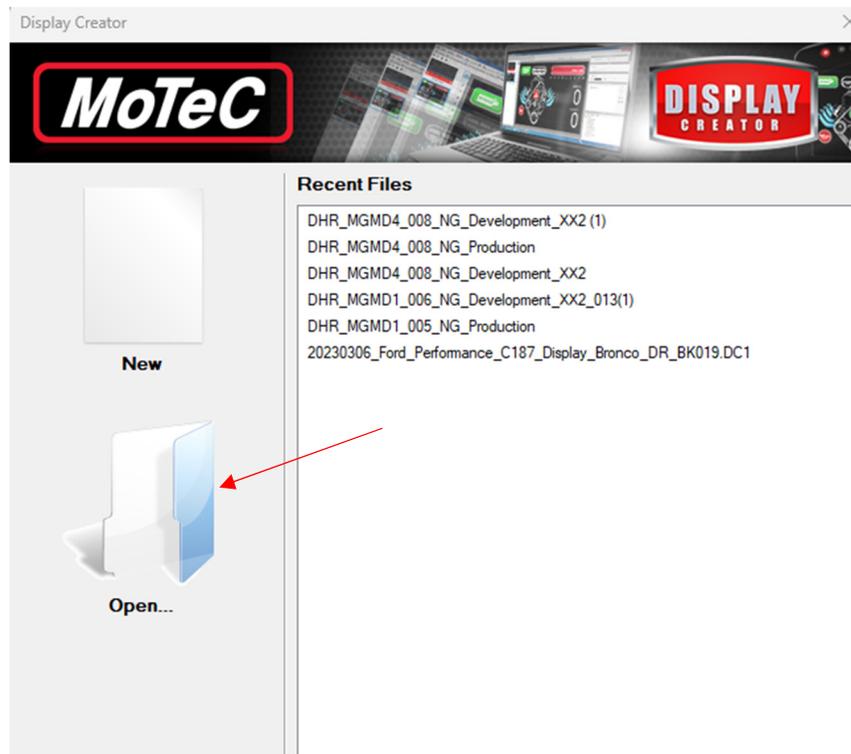


Figure 6: Motec Display Creator – Open file.

3. Browse to the previously downloaded “DHR_MGMD4_009_NG_Production.c187v64.dproj” file and select it

FORD PERFORMANCE

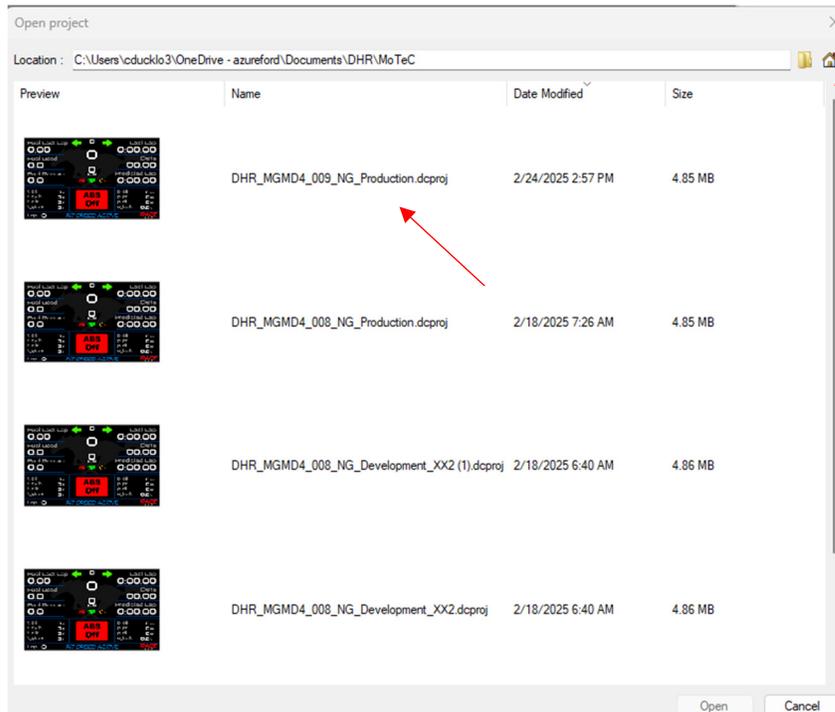
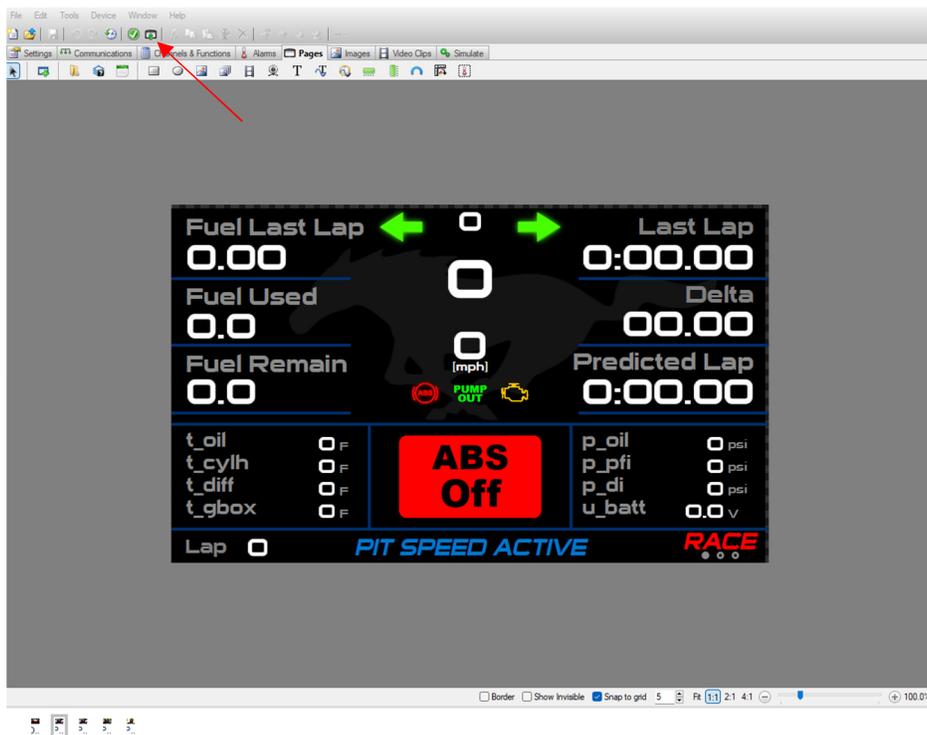


Figure 7: Display Creator – project selection window.

4. From the main window, press “configure device.”



FORD PERFORMANCE

Figure 8: Display Creator – configure device.

5. Confirm that your device is available in the “Selected Device” drag down. If not check your serial cable connections.
6. Press “Check & Send”. This may take a while for the check to complete.

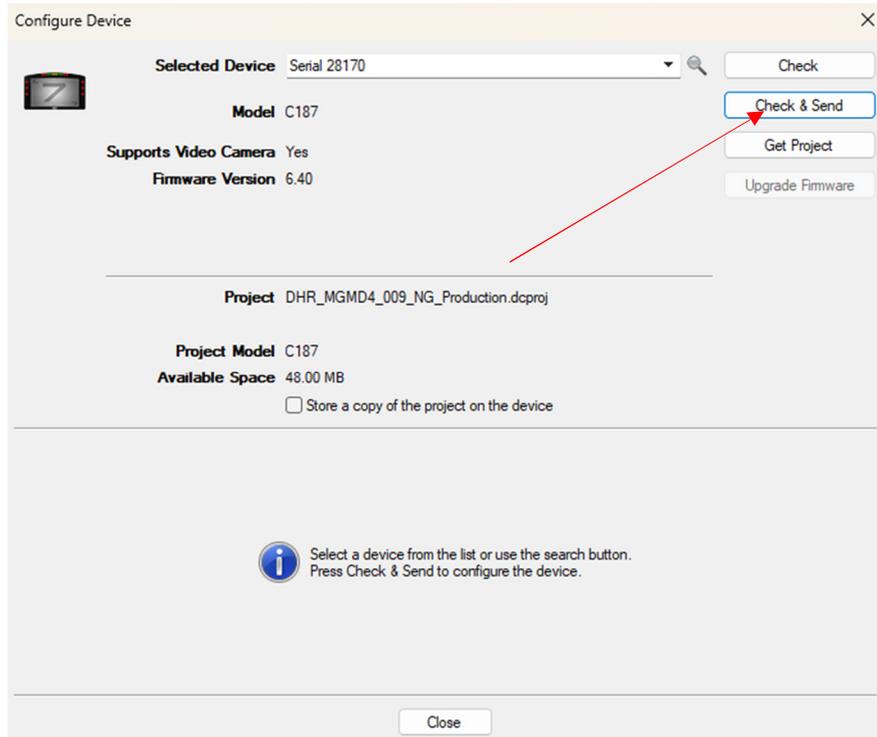


Figure 8: Display Creator – configure device.

7. The check process will take over 3 minutes when it completes you will see confirmation

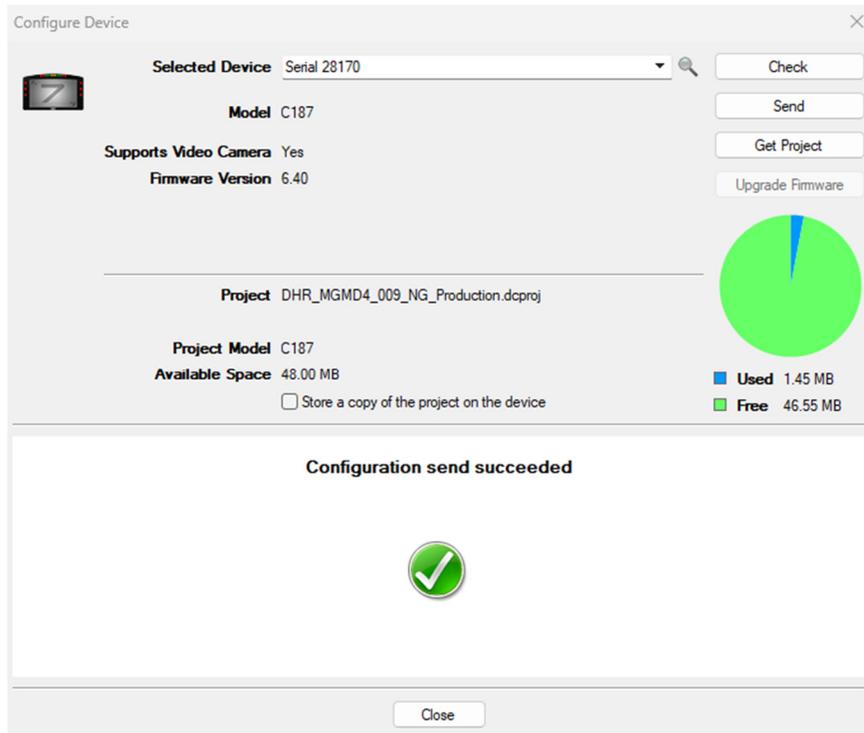


Figure 9: Display Creator – configure device successful.