

MX5 CUP RACECON OVERVIEW - TEAM

MX5 Cup – RaceCon Overview

Contents

1. Files Required
2. RaceCon Layout
3. RaceCon Device Status
4. Car Owner Interface

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Files Required – TEAM

1. Latest version of Bosch RaceCon software (<http://www.bosch-motorsport.com>)
2. RaceCon TEAM project file (RaceCon Projects-MX5 Cup_0106c_Release_TEAM_03_13_2020)
3. RaceCon Team License file (License-MazdaMX_2019_TEAM.lic)
 - Copy license file to the RaceCon installation folder (C:\Program Files (x86)\Bosch Motorsport\RaceCon)
4. MX5 firmware (Firmware-MS6A_MX5CUP_0106c.psv)

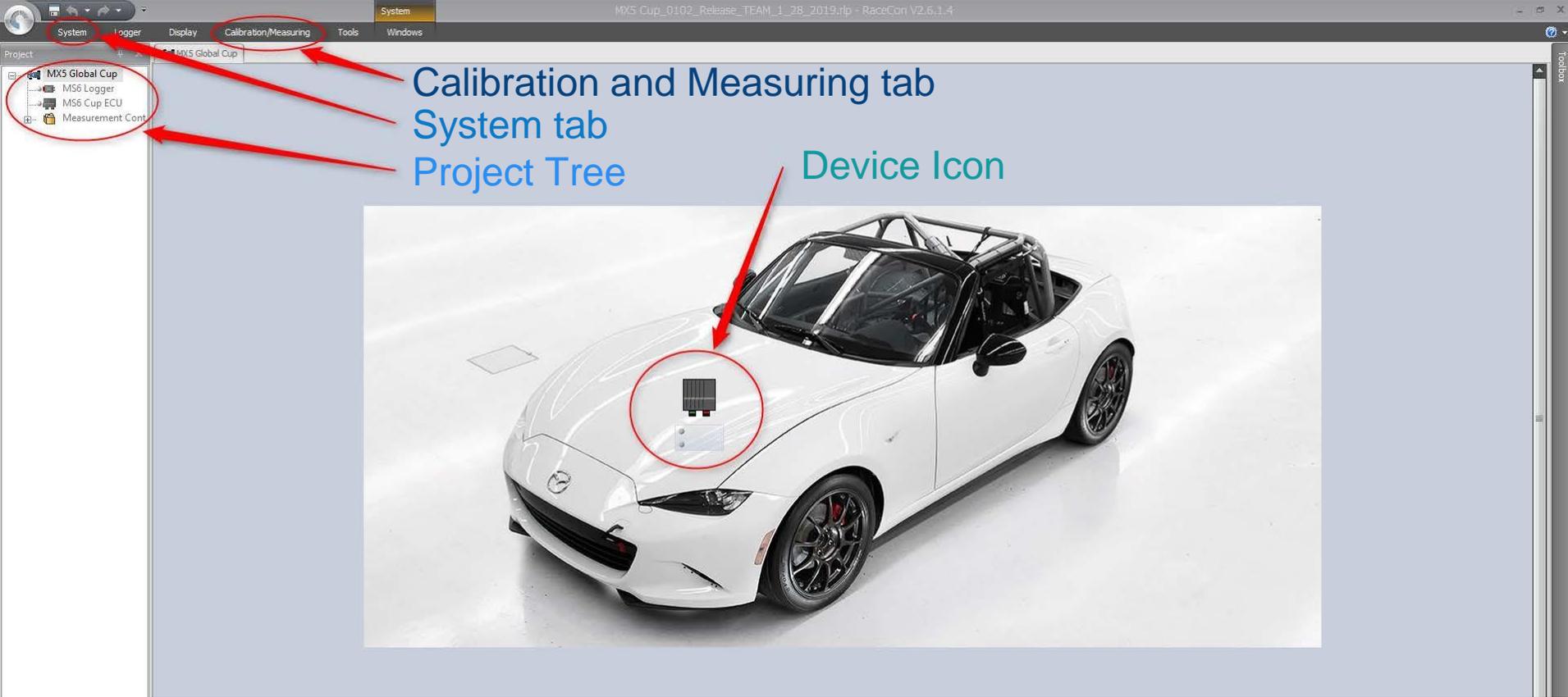
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RaceCon Layout – Main page



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RaceCon Layout – Calibration and Measuring tab

Connection Mode Measuring Data

Engine Measurement

| Software ID | |
|-----------------|-----------------------|
| CAR ID | LRR_MX5 |
| SOFTWARE ID | MS6A_MX5CUP_0105_g... |
| ECU Serial Num. | 1601 |

| Software Version | |
|------------------|---|
| v | M |
| e | X |
| r | 5 |
| s | 0 |
| i | 0 |
| o | 1 |
| n | 9 |



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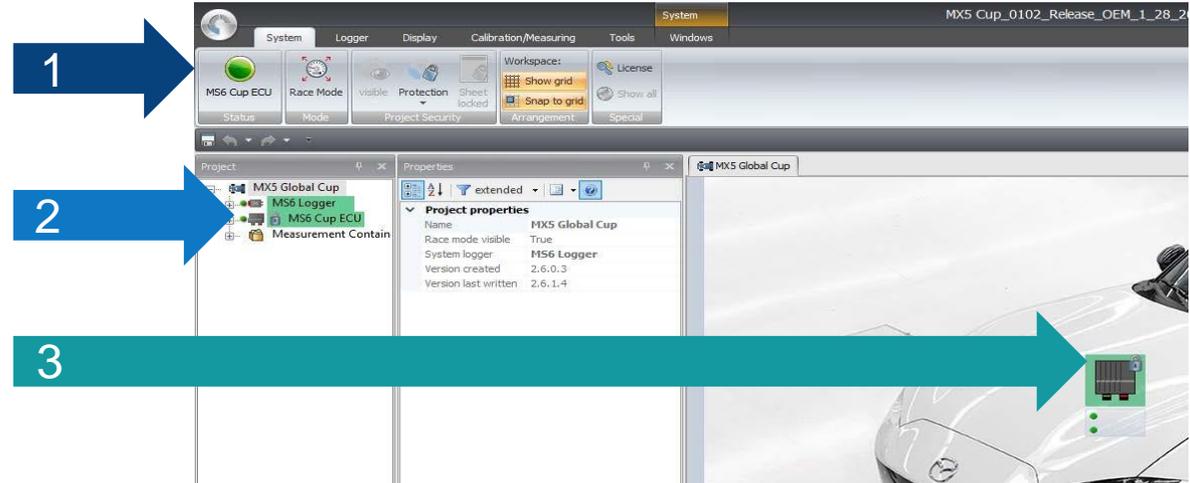
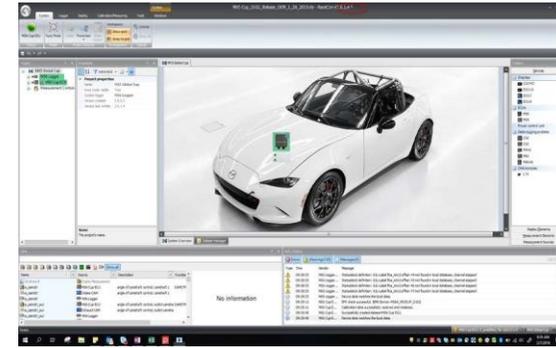
RaceCon Device Status

RaceCon indicates ECU and Logger status in 3 locations on the System tab

1. Status Light

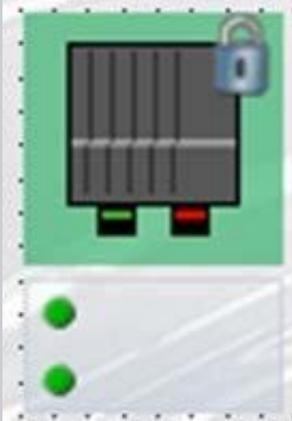
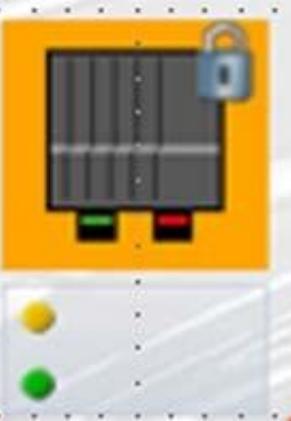
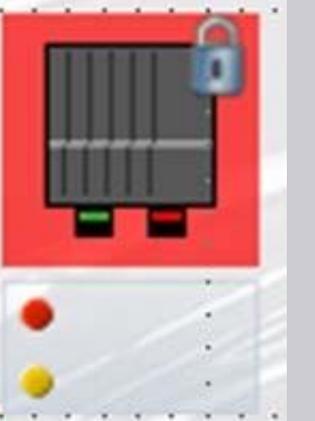
2. Project Tree

3. Device Icon



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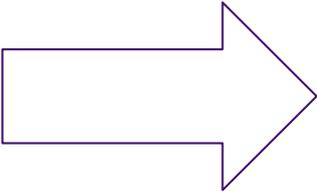
RaceCon Device Status – Device Icon indicator

| GREEN: ECU and logger data match RaceCon project | GREEN/YELLOW: Data matches but an error is active on ECU or logger | YELLOW: ECU or logger data does not match RaceCon project | RED: ECU or logger firmware does not match RaceCon project |
|---|--|---|---|
|  |  |  |  |

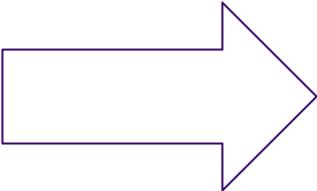
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RaceCon Device Status

Data mis-match example



Firmware mis-match example



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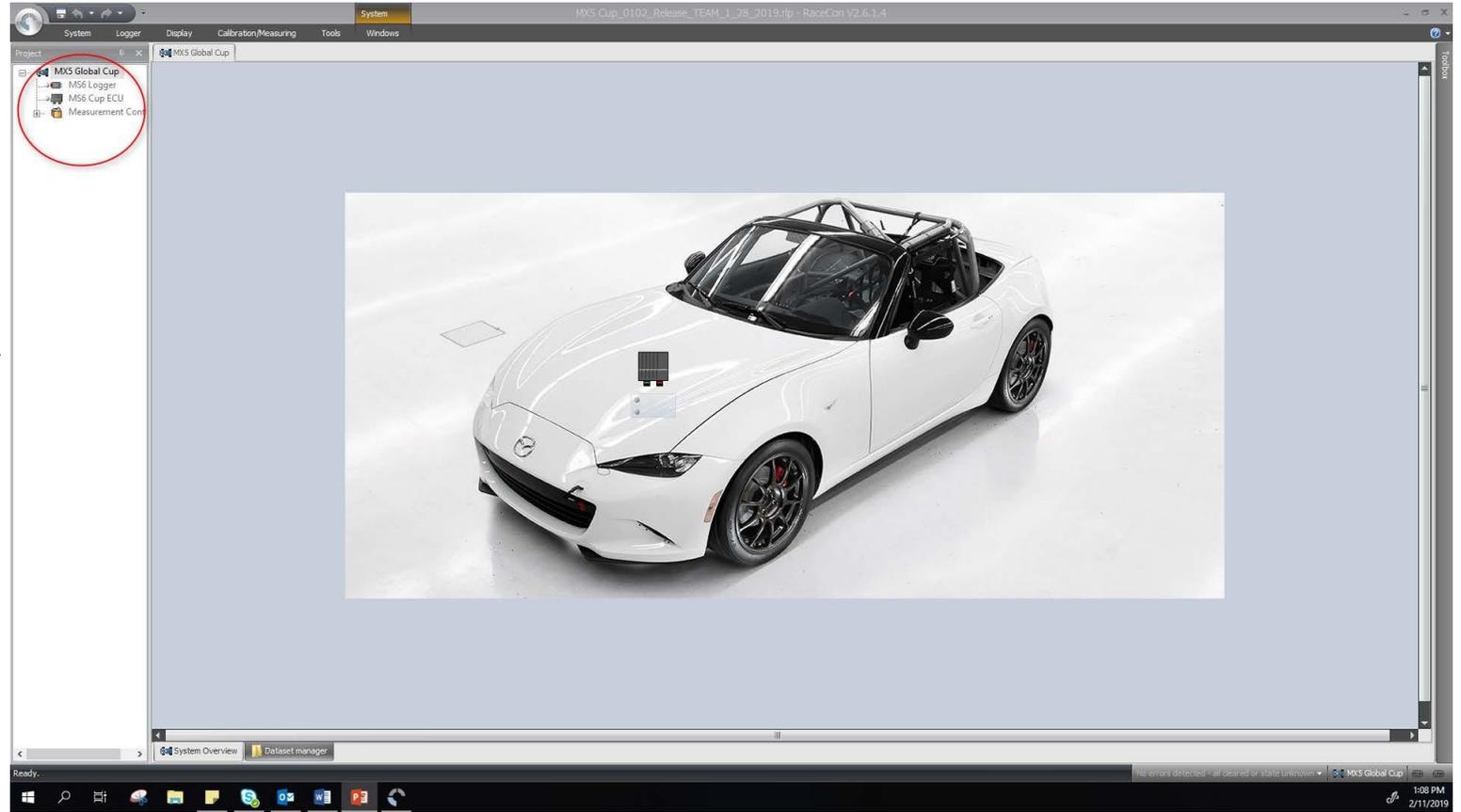
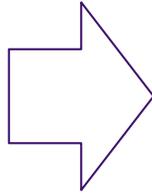
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Car Owner Interface – TEAM project and License

View at
System tab

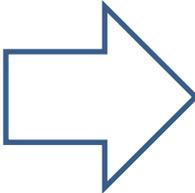


MX5 Cup – RaceCon Overview

Car Owner Interface – TEAM project and License

View at Calibration/Measuring tab

TEAM RaceCon Project includes software ID parameters to verify a successful software update.



The screenshot shows a software interface with several data fields and a logo. The fields are:

| Software ID | |
|-----------------|-----------------------|
| CAR ID | LRR_MX5 |
| SOFTWARE ID | MS6A_MX5CUP_0105_g... |
| ECU Serial Num. | 1601 |

Below this is a 'Software Version' table:

| Software Version | |
|------------------|---|
| v | M |
| e | X |
| r | 5 |
| s | 0 |
| i | 0 |
| o | 1 |
| n | 9 |

To the right of the tables is a logo featuring a green gear and the letters 'FP' in a stylized font.

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Car Owner Interface – Update Firmware

Firmware update process:

Check current software version on Calibration/Measuring tab

Right click on MS6 Cup ECU in project tree on System tab

Select Synchronize and Update Firmware

Select new PSV file and select OK

Turn off power to ECU and turn back on

Confirm new version by checking Calibration/Measuring tab again

