



Dashboard (ADU) manual for WSS300

Updated Sept 19 2020 (ADU 2.44)

Loading screen

The manufacturer screen for your ECU will show when configured



Loading screen (no ECU)

If you see this screen:

- a) The ECU is not turned on
- b) The FIM settings have not been added (ask championship technical control staff to add this – it will not affect the bike's running!)

...it is always better to turn the ECU on before the dashboard!



To go to the Menu

Press and hold ● to activate the menu



To navigate the menu

Use ● and ● buttons to page up and down within the menu



To Exit the menu

Press ● to go
Back or to Exit
the menu



Page: Race

Main rider page. Once bike speed > 5kph dashboard will always display this

For lap gain/loss, and last / best lap times:

- Requires optional GPS unit and track configuration
- When bike is > 5kph, shows predictive lap information
- On screen range is +/- 1s ...with tick marks every 0.5s



Page: Race ...without ECU :(

If the dashboard is turned on before the ECU:

- RPM bar might show very high limits
- Gear position shows "R"

Fix: turn on the ECU, and (optional) restart the dashboard.



Page: Warm Up

Displays general system health.

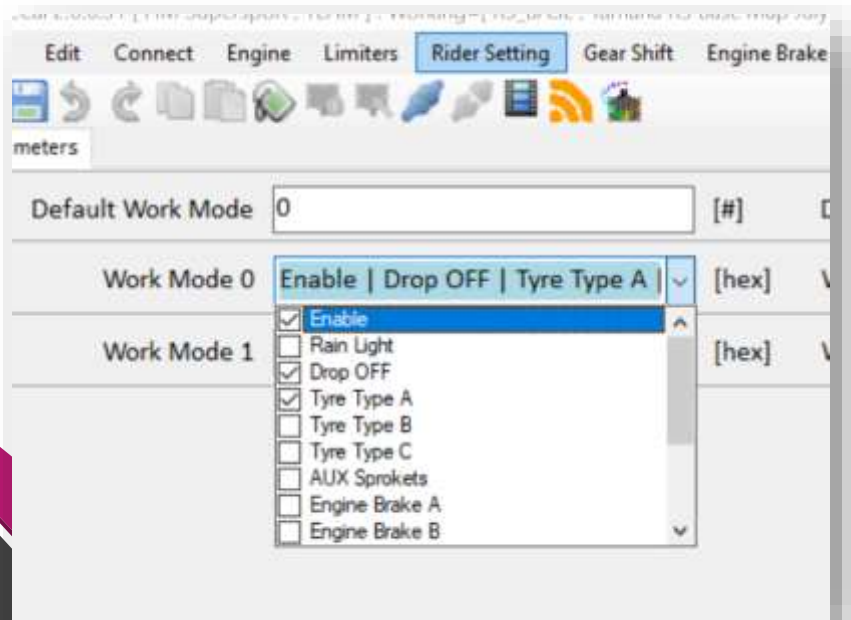
Once bike speed > 5 kmph, this will automatically switch to the Race page.



Page: Work Mode

You can also see all of the information from the Work Mode page.

This will show what is configured within the ECU.



Page: Lap times

** Serial GPS receiver required to use this!

This will auto detect your location for a set of pre-configured tracks within the dashboard.

Press ● and ● buttons to reset lap times:

- Short press (resets the current session, predictive lap times)
- Long press (resets all data across all sessions, incl best lap)

(in 2.41) press ● button while riding:

- Sets a new start/finish position. Complete the lap to set the new track length.



The Settings menu...



Select ● to access the Settings menu.

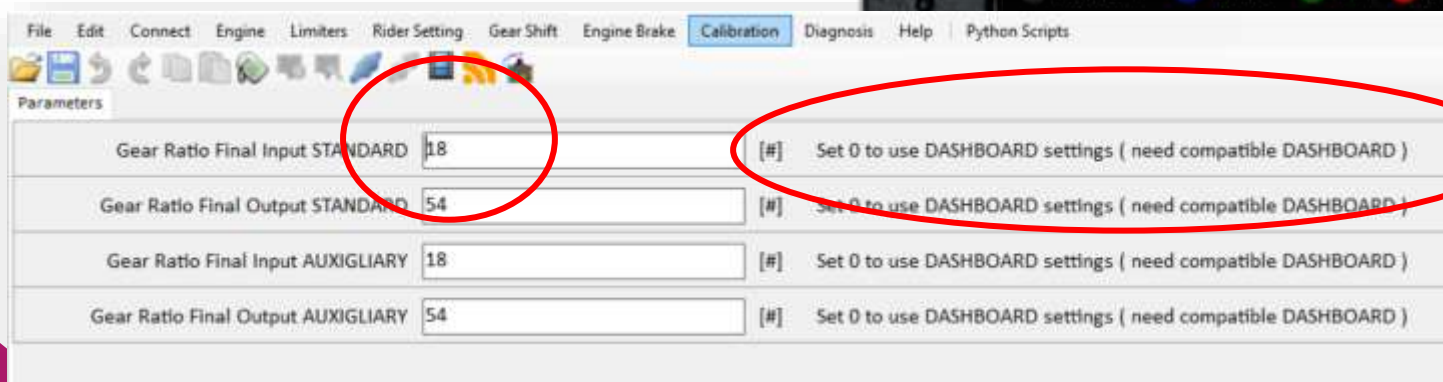
● to go Back or to Exit the menu



Settings >> Sprockets

You can manage your sprockets from the dash instead of needing your computer.

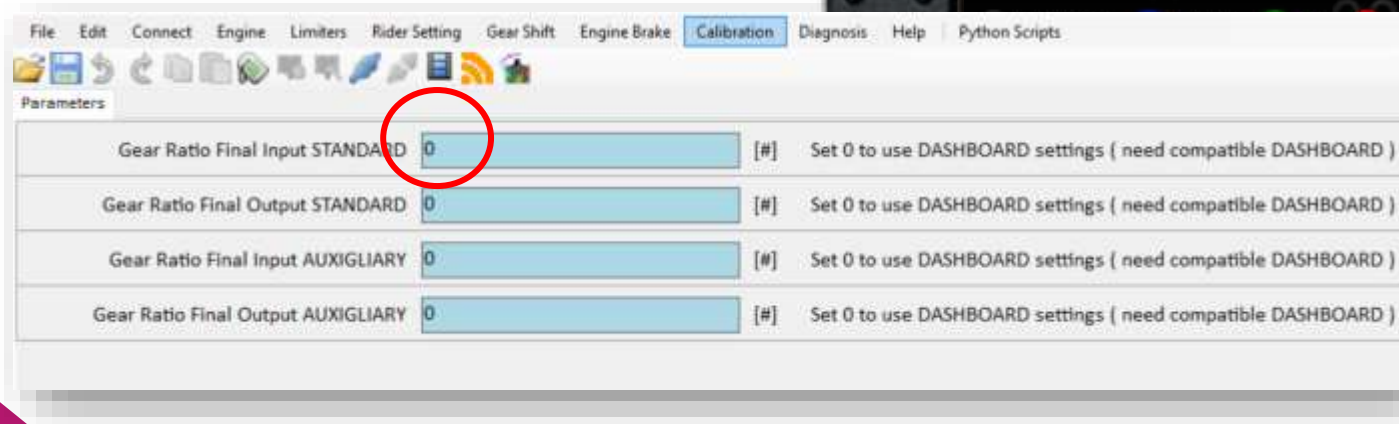
- In MeCal go to Calibration > Gear Ratios
- Set all values to 0



Settings >> Sprockets

You will now be able to view and manage values from the dashboard.

You can assign these sprockets in the Work Mode the same way as if they are managed in MeCal.

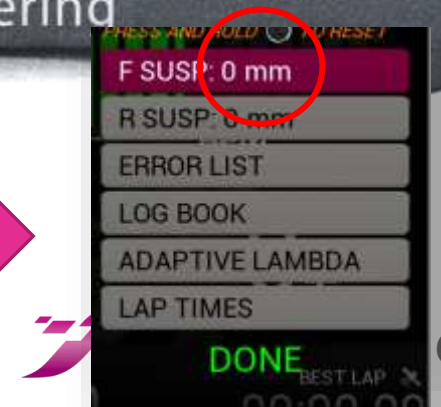
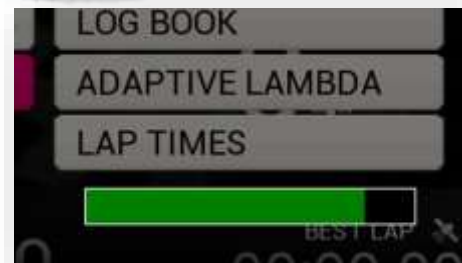


Settings >> Zero >> Zeroing suspension, etc

You can also zero suspension and reset errors, lambda, and lap times from the dashboard.

Press and hold ●
to zero and
reset...

A progress bar will
show up and
indicate it is
complete



ering

Page: Info

Used by teams and technical control staff

Shows all system information:

- ECU firmware
- ECU DIS and map files
- Dashboard firmware & config
- Last updated by



* You can confirm the allowed values with FIM & WSBK technical



New for 2.41+

Custom start/finish: when bike is moving, press ● button to set a new start/finish position. Complete the lap to set the new track length.

Oil pre charge: (Settings menu) stops the ignition system from firing but allows the engine to crank with the starter button, allowing the engine to precharge with oil before it runs

Tank drain: (Settings menu) runs the fuel pump continuously to allow you to drain the tank without requiring a separate battery

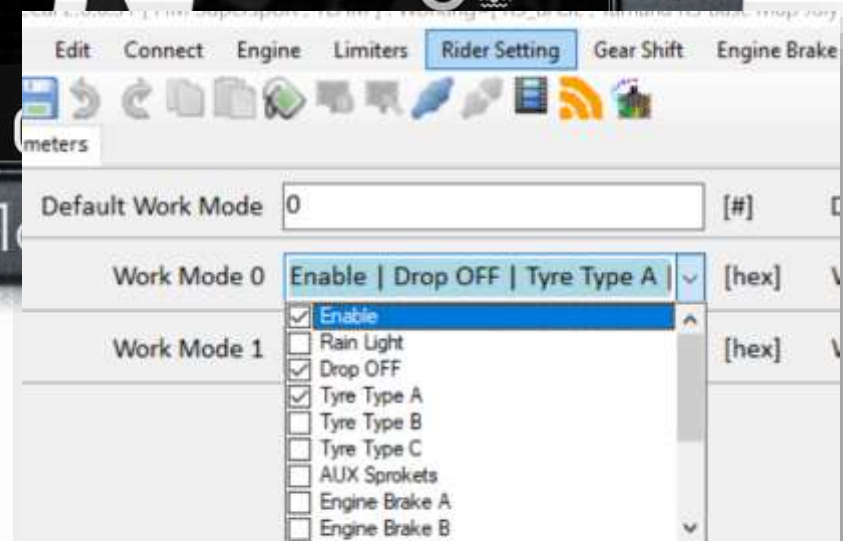
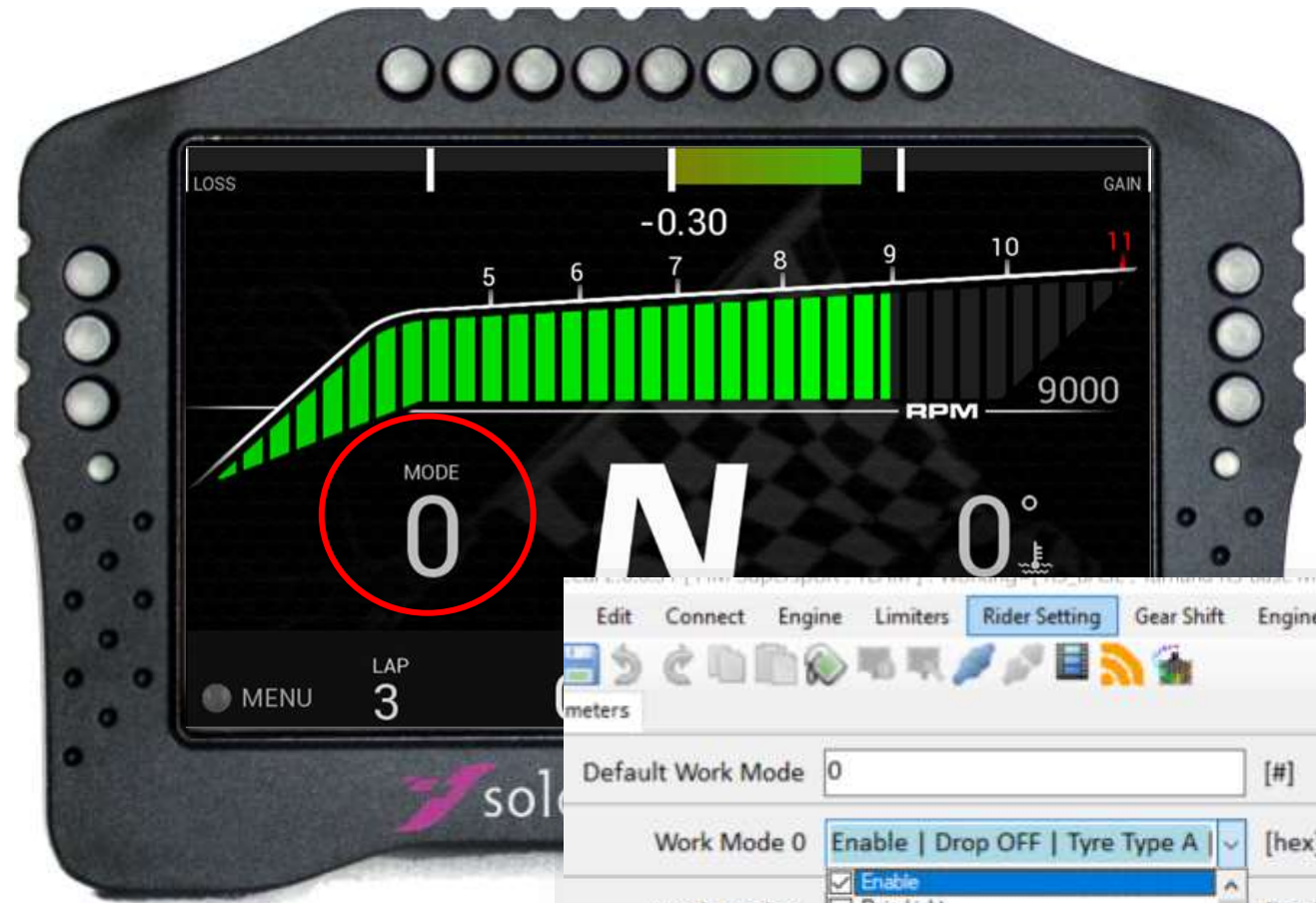
Note: in both cases the ECU should be power cycled to reset the function



Change work mode

Short press ● to toggle between Work Modes from anywhere in the dash .

- 0 / 1 for WSS300
- 0 / 1 / 2 / 3 for WSS600



Button summary

- Menu (press + hold)
- Up (in menu)
- Down (in menu)
- Exit / back (in menu)

- Toggle rider Work Mode (0/1)
- Pit limiter (while riding)
- Set custom lap start/finish (while riding)
- Rain light (press + hold)
 - optional config in MeCal
 - otherwise configured in Work Modes
- + ● Clear lap times (press + hold)
- + ● Info page
- (coming soon) Acknowledge message





● Exit

solo engineering & WSBK Technical, 2020

sales@soloengineering.com