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Fuel Pump Pulses on-off-on-off-on....

MS1, MS2 & MS3

In the MegaSquirt codes there is a configuration check that is carried out every time the ECU powers up. If the code sees one output pin used for 2 functions (e.g. D14 for a spark output and a programmable output) or more than one mode selected in the code base, etc, it will go into a configuration error mode. The error is highlighted by pulsing the fuel pump on-off-on-off-on..... (in MS2 the rpm will also show 65000 in Tuner Studio)

To find out where the error is in the configuration you need to connect your laptop to the ECU and run Tuner Studio.

When the ECU is powered up and Tuner Studio is connected it will come on with an error screen. This screen will tell you where the error in the setting is.

If not then you can interrogate the ECU by selecting Communication - Mini Terminal, you will have a white box appear. Next, turn the MS ECU on with this box on the screen (so first run Tuner Studio, get the mini terminal up, then turn the ignition on) the reason for the error will appear on the screen.

Fix the error in the setting with the ECU powered up, Burn the change and turn the power off to the MS ECU. Turn the power back on and the ECU should behave normally again. If you have this issue and can't cure it, email me the msq file with the error message shown in the mini-terminal and I will alter the msq file for you to re-burn it to your ECU.

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