



## Mustang 2018 to 2023 S550 Calibration notes for the KPM1000HP fuel module.

There may be some instances where the KPM1000HP fuel pump module will need some adjustments made to the vehicles calibration to achieve its maximum flow.

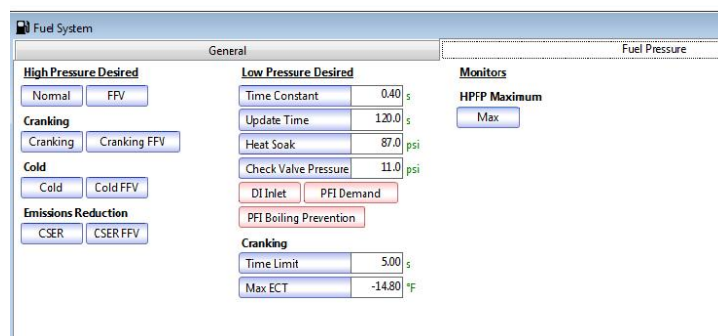
For the 2018 to 2023 Mustang GT there are voltage limits of what the FPDM will allow to the fuel pump. By raising this to an acceptable alternator output voltage the KPM1000 fuel module will supply more fuel when required.

All of our KPM Fuel Systems fuel pump modules are rated at 13.5v and 51psi.

The following instructions are where to make the calibration changes.

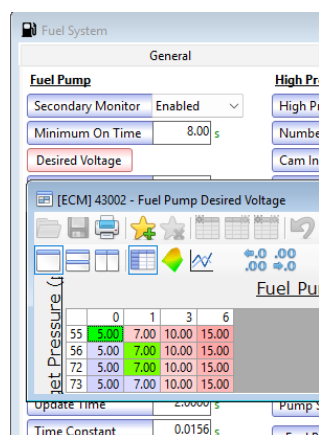
## HP Tuners

13295 – 13289 – 13287 Are our pressure set points. Set these to 67 PSI / 460 KPA.



43002 is a Max Voltage vs Flow vs Pressure table. Set the table as shown.

\*This table CAN be adjusted to finely tune duty cycle control based on vehicle modification but not necessary.





43003 Fuel Pump Max Voltage. Raise this to 15V.

The screenshot shows a software window titled "Fuel System" with a "General" tab selected. Under the "Fuel Pump" section, the following settings are visible:

| Fuel Pump         |         |
|-------------------|---------|
| Secondary Monitor | Enabled |
| Minimum On Time   | 8.00 s  |
| Desired Voltage   |         |
| Min Voltage       | 5.00 V  |
| Max Voltage       | 15.00 V |

Below the Fuel Pump section, the "Duty Cycle" section is partially visible.