Camaro Gen 6 / Cadillac CTS-V

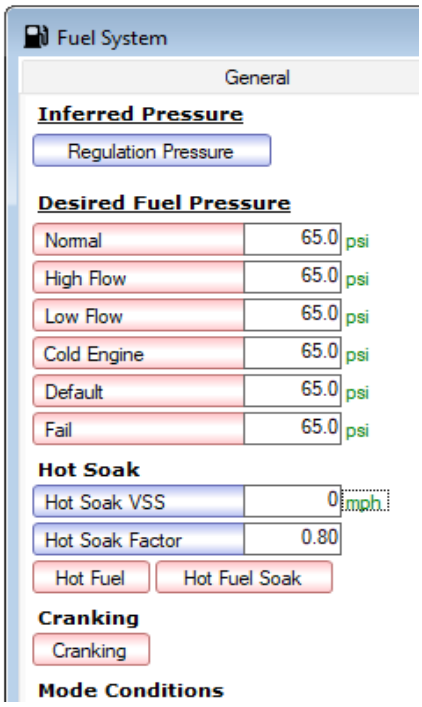
Fuel System tech sheet

For better operation of the vehicle that your new KPM Fuel Systems fuel pump module and PWM is being fitted to it is important to set the calibration correctly in your vehicles PCM.

The KPM Fuel Systems PWM will mimic the factory fuel pump control signal and output a duty cycle to achieve the commanded pressures.

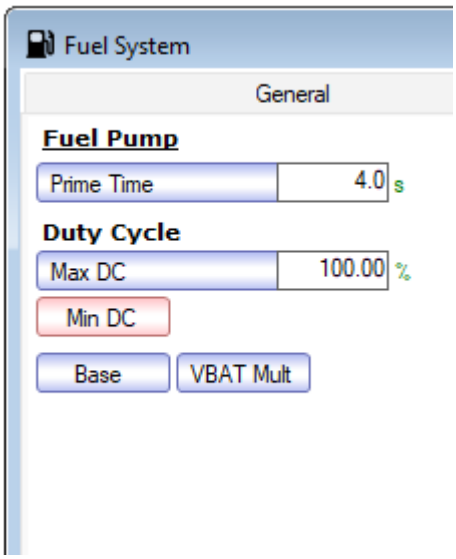
These vehicles have a varied commanded fuel pressure for different situations ranging from 50 psi to 76 psi. the KPM Fuel Systems fuel pump modules can be run all the way down to 43 psi. Set these pressures up to what you would like it to run at, keeping in mind that the higher the pressure the lower the flow rate from the pumps will be.

Set fuel pressure command to what you desire. As an example, this is set to 65psi.



Next, we need to modify the Minimum allowed duty cycle for the pump control to 30%.

This allows the duty cycle to lower for idle and cruise which in turn lowers the pressure.



*The minimum DC table can be finely tuned to reduce the error window across all driving conditions by data logging it and then setting the DC slightly lower than the actual DC that has been logged. This will be different on every vehicle depending on what modifications the vehicle has.