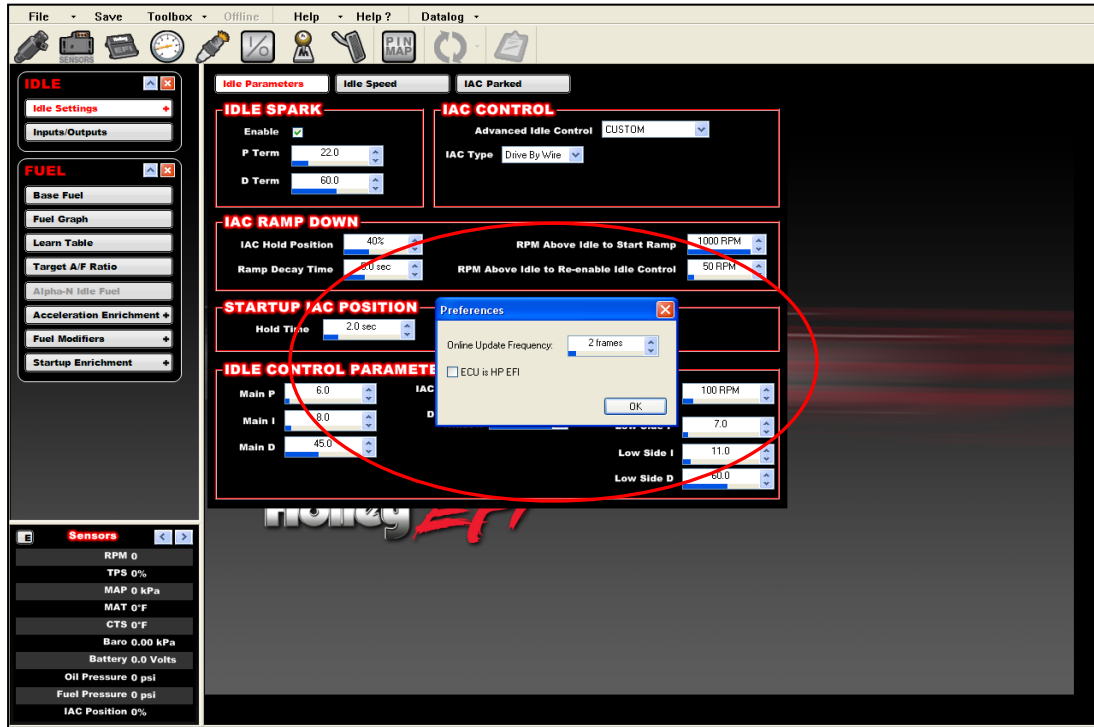


HP and Dominator ECU Differences and Use

Software

The Holley HP and Dominator ECU's utilize the same software. However, the software has a "check box" if an HP is used. It can be found by selecting "Toolbox" and "Preferences" at the top of the software. If you are using an HP ECU, select the "ECU is HP EFI" checkbox. When you connect to an HP ECU, this will automatically be checked. If you are using a Dominator ECU, make sure this is not checked. This checkbox will hide the inputs and outputs that are not available on the "Pin Map" for the HP ECU.



Firmware

Both systems share the same firmware.

Hardware

The following differentiate these two ECU's:

- Wide Band Oxygen Sensor Inputs
 - o HP – One input
 - o Dominator – Two inputs
- The Dominator can control certain Drive by Wire throttle body applications, the HP does not.
- The Dominator can control certain Electronic Transmissions (GM 4L60/5E and 4L80/5E), the HP does not.
- Inputs and Outputs
 - o HP
 - 2 high side (+12v) PWM or switched outputs
 - 2 low side (ground) PWM or switched outputs
 - 4 Multi-inputs
 - o Dominator
 - 20 high side (+12v) PWM or switched outputs
 - 16 low side (ground) PWM or switched outputs
 - 6 speed inputs (magnetic or hall effect)
 - 30 0-5v sensor inputs
 - 13 Multi-inputs
- The Dominator has a "configuration input selection" pin that allows up to 4 calibrations to be selected with a key switch.

Wiring Harnesses

Both systems use the identical "main" wiring harnesses.