

SymTech Laboratories Assembled MegaSquirt ECU's

Thank you for purchasing an assembled MegaSquirt ECU from SymTech Laboratories. Your new ECU was built specifically for the _____ application and utilizes the following hardware:

Processor: MS2 MS3 Firmware:

Main Board: v3.0 v3.57 _____

Documentation, including information about installation, configuration, tuning, and troubleshooting, is available online. Be sure to visit the discussion forums with your questions, concerns, or new ideas.

General information	http://www.msextra.com
MegaSquirt and MS/Extra support forums	http://www.msextra.com/forums
MS2 configuration and tuning information	http://www.msextra.com/doc/index.html#ms2
MS3 configuration and tuning information	http://www.msextra.com/doc/index.html#ms3

Please consider the following things while installing your new SymTech Labs MegaSquirt ECU:

- Mount the unit somewhere in the cabin of the car, not the engine bay! Locations relatively free of vibration and moisture are preferable. Inside the glove compartment, under the dashboard, or inside the center console are suitable mounting locations. Electrically isolate the ECU's aluminum enclosure from chassis ground to help prevent harmful signal noise.
- Installation and wiring are simple! Each wire from the wiring harness is labeled. Use the included wiring guide to decipher the labels/color code and determine how to connect each wire.
- Some sensors have three pins: a power, ground, and signal pin. Other sensors have just two pins: a ground and signal pin. In general, the ground and signal pins should be soldered or otherwise connected to their designated wires in the MegaSquirt wiring harness. The power pins, if present, should either be connected to the +5V TPS Vref wire in the MegaSquirt wiring harness or a switched +12V source, depending on the requirements of the sensor.
- Functional MegaSquirt configuration (MSQ) files can be found in our online MSQ Repository:
<http://megasquirt.symtechlabs.com/>
MSQ files can be downloaded free of charge. Please consider uploading your own MSQ file once you have finished tuning your SymTech Labs MegaSquirt ECU.
- If you need professionally installed upgrades or assistance with hardware modifications, SymTech Laboratories is fully equipped and capable of upgrading any MegaSquirt ECU. Contact sales@symtechlabs.com for more information.

Installed Options	Processor Pin	Connector Pin	Wire Color/Label

WARNING

SymTech Labs MegaSquirt ECU's are for use on OFF-ROAD ONLY vehicles. MegaSquirt ECU's potentially nullify environmental protection equipment mandated by the federal government. SymTech Laboratories, LLC assumes no responsibility for losses or damages due to installation of this product.

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