AMP EFI ms3pro
DIYAUTOTUNE

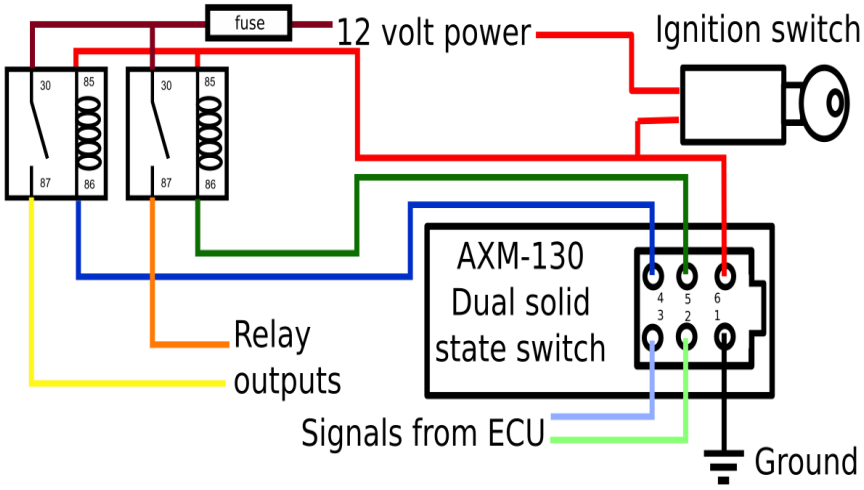
AMP EFI AXM-130 Dual Driver / Inverter

The AXM-130 accepts up to two 5v logic level inputs from a control unit, and uses each signal to switch a high current driver capable of switching either a low-side (ground) or high-side (12v) triggered output/load, such as a TFI module, relay, or solenoid. Inversion of the signal is controlled by user-selectable jumpers on the circuit board. Default configuration is set to Inverted, such that a 5v input signal provides a low-side/ground output.

Wiring

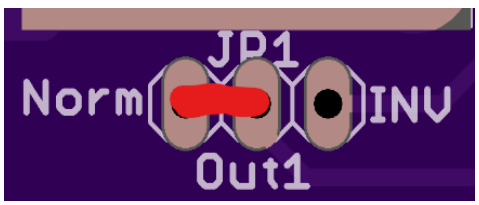
The AXM-130 module uses an Amphenol AT connector, compatible with Deutsch DT and similar motorsports connectors. We include standard “closed barrel” terminals, which you can crimp with the same sort of tools you would use for Deutsch connectors or mil-spec terminals, such as Waytek Wire stock number 619. Here is what each pin does, by number:

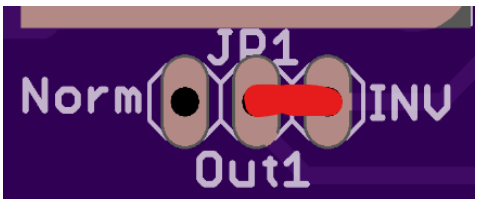
1. 5v Logic-level Input 1
2. 5v Logic-level Input 2
3. Switched +12v Input
4. Ground
5. Output signal 2
6. Output signal 1



Jumper settings

For each channel, placing the internal pull-off jumper in the 'Norm' position means the output state will 'match' the input state. I.E. when the input is high (5v), then the output will also be high (12v). In the 'INV' position, the output state will be the opposite of the input state, I.E. a high input (5v) will drive the output low (0v / Ground). Most relays/solenoids/etc. will use the defualt 'INV' configuration, and things like TFI modules, tachometers, etc. will use the 'Norm' configuration.





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