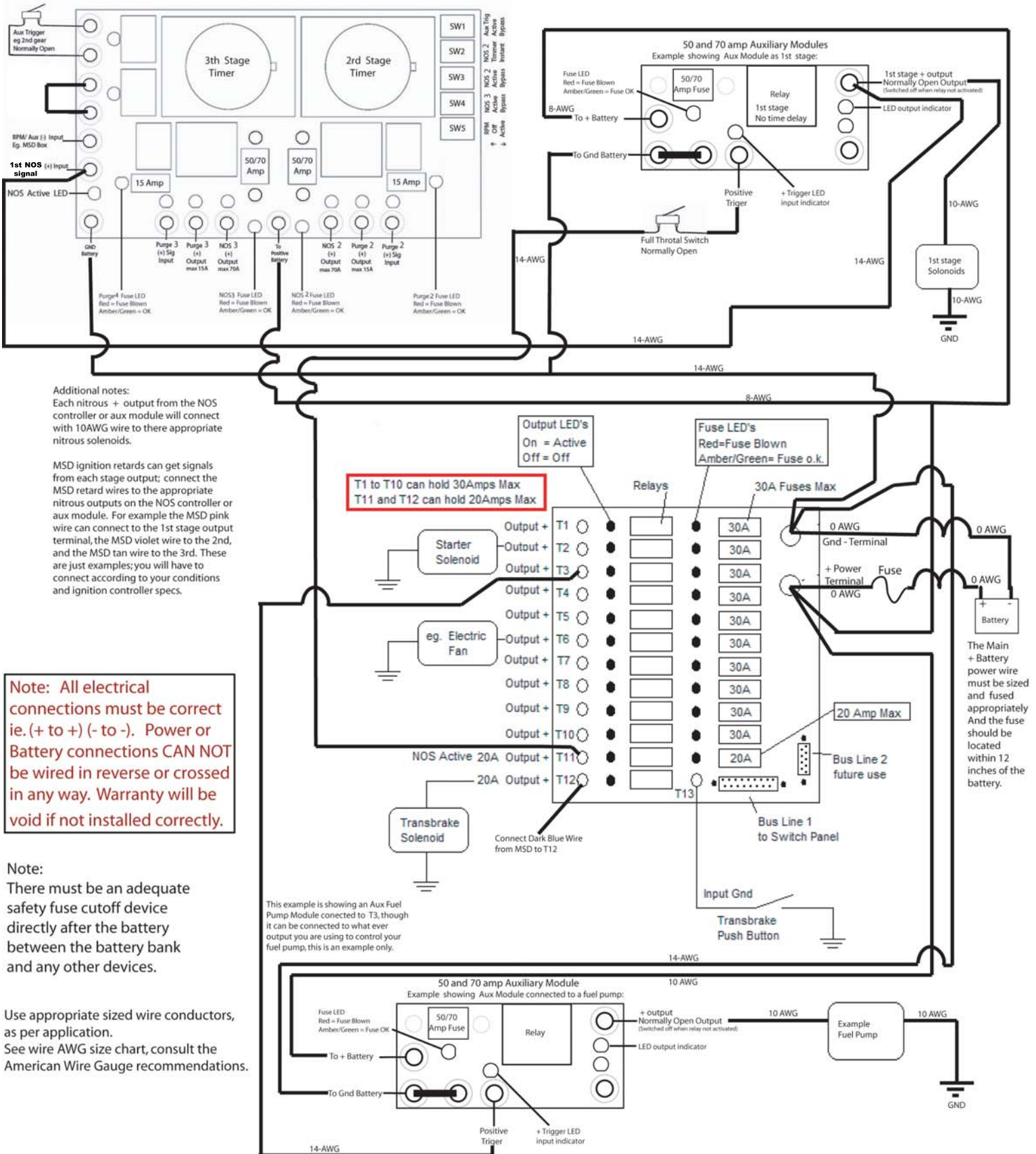


# SPEEDWIRE

SYSTEMS™

## 3 Stage Nitrous Controller(2 timed 1 instant) with Main Board and Auxiliary Module

This schematic example is showing a Speedwire Systems 2 Stage Timed Nitrous Controller with an instant 1st stage connected to a Speedwire Systems Main Controller with a Speedwire Systems Auxiliary Module used to control a fuel pump. Note: individual setups may vary, use this illustration as a guide.



Additional notes:  
Each nitrous + output from the NOS controller or aux module will connect with 10AWG wire to there appropriate nitrous solenoids.

MSD ignition retards can get signals from each stage output; connect the MSD retard wires to the appropriate nitrous outputs on the NOS controller or aux module. For example the MSD pink wire can connect to the 1st stage output terminal, the MSD violet wire to the 2nd, and the MSD tan wire to the 3rd. These are just examples; you will have to connect according to your conditions and ignition controller specs.

**Note: All electrical connections must be correct ie. (+ to +) (- to -). Power or Battery connections CAN NOT be wired in reverse or crossed in any way. Warranty will be void if not installed correctly.**

**Note:**  
There must be an adequate safety fuse cutoff device directly after the battery and any other devices.

Use appropriate sized wire conductors, as per application. See wire AWG size chart, consult the American Wire Gauge recommendations.

T1 to T10 can hold 30Amps Max  
T11 and T12 can hold 20Amps Max

Fuse LED's  
Red=Fuse Blown  
Amber/Green= Fuse o.k.

Output LED's  
On = Active  
Off = Off

The Main + Battery power wire must be sized and fused appropriately And the fuse should be located within 12 inches of the battery.

This example is showing an Aux Fuel Pump Module connected to T3, though it can be connected to what ever output you are using to control your fuel pump, this is an example only.