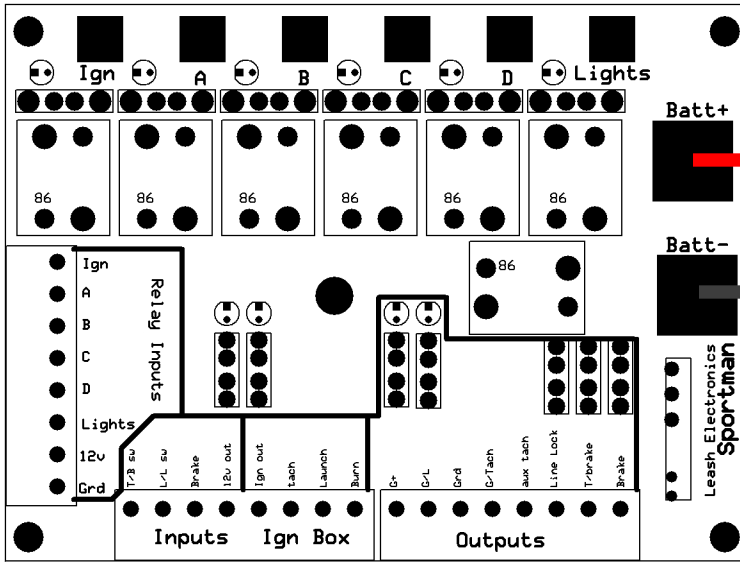


Sportsman Wiring Board



Power Connections

Batt+ 4-8 gauge to battery positive

Batt- 18gauge to ground unless you use this stud to connect other grounds to. In that case you can use a bigger ground wire.

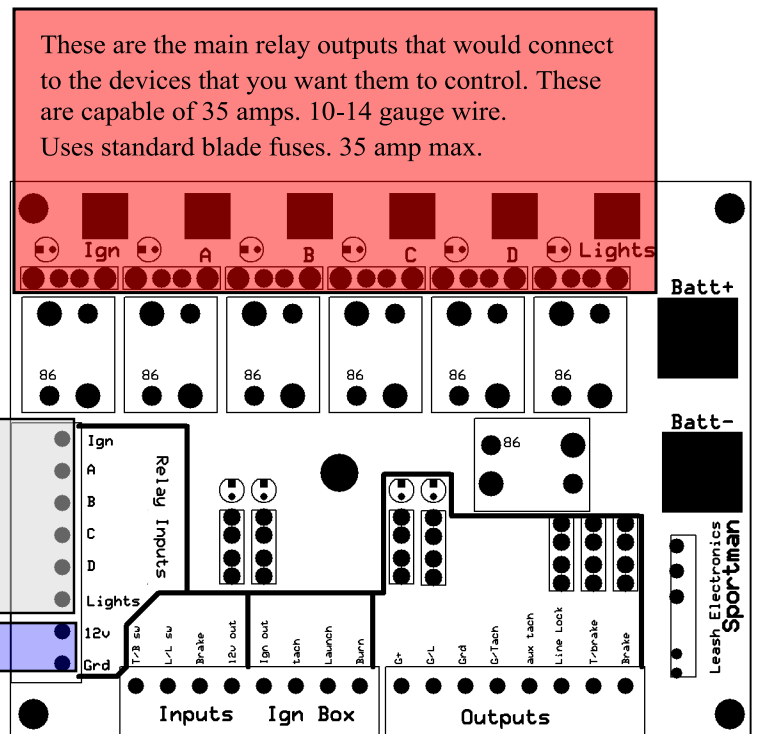
New Feature! The built in transbrake relay is now a solid state relay. So it CAN be pulsed if using an ECU transbrake bump Function.

Main Relay Setup

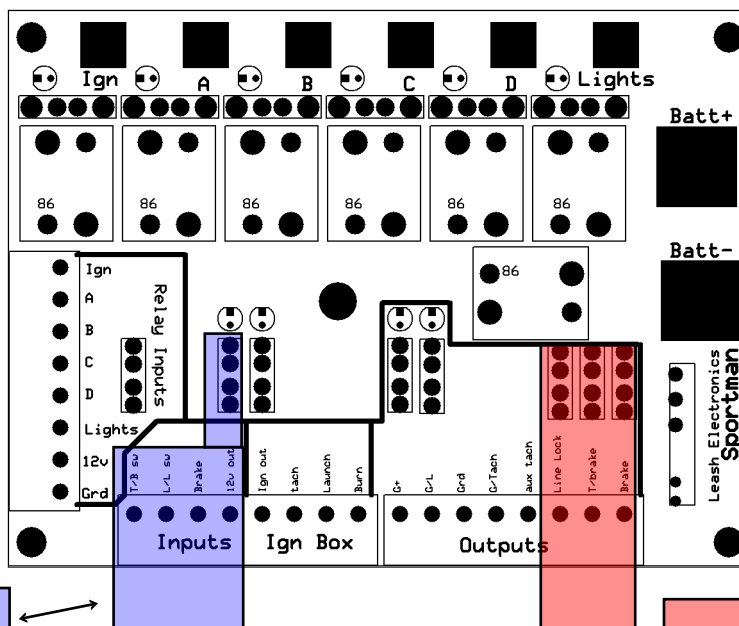
These are the main relay outputs that would connect to the devices that you want them to control. These are capable of 35 amps. 10-14 gauge wire. Uses standard blade fuses. 35 amp max.

These are the inputs used to turn on the main output relays. Apply 12 volts to these to turn on relays unless you custom ordered inputs with ground trigger. Use wire size 18-20 gauge.

These are ground and 12volt outputs that can be used to power your switches. 5 amp max

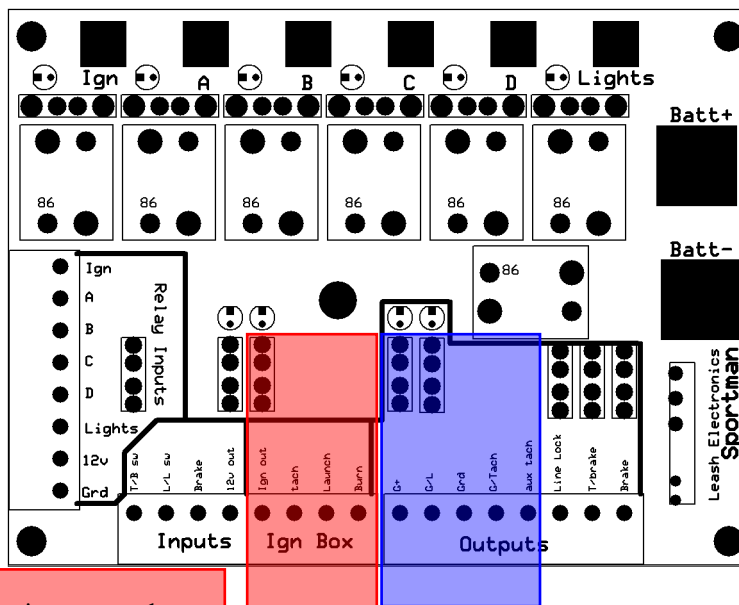


Misc Inputs and Outputs



These are 12 volt triggered inputs that turn on the outputs in the red box. The 12v out is a 12 volt source that you can use to power the switches and buttons that are connected to these inputs. Do not connect to anything else that might draw over 5amp. Use 18-20 gauge wire. The fuse in the blue box is the fuse for the 12v out. Use 5 amp MAX fuse or board damage can occur!!!

These are the outputs for the Line Lock, Transbrake solenoid and Brake light. These connect directly to the devices. Line lock use 18-16 gauge wire. Transbrake use 14 gauge wire. Brake Light use 18 gauge wire. The fuses for them are located right above the outputs.



The Ignition section:
Ign out is a 12volt ignition output that gets its power when the Ign relay input on. This output can be used for the turn on wire for an Ignition box or another device. Fuse is above. 5 amps max.
Tach is a place you can connect a tach output of an ignition box to. It just connects directly to the G/tach and aux tach in the outputs section.
Launch can connect to the 2-step wire of an ignition box. It has 12 volts on it anytime the transbrake input is on.
Burn can connect to a 3-step wire of an ignition box to activate the burnout rev limiter. It has 12 volts on it anytime the Line Lock input is on.

G+ is a ignition powered 12 volt source used to power gauges. Fuse is above it. 5 amp max.
G/L is a 12volt output powered from the Lights relay. Used to power gauge lights. Fuse is above. 5amps max.
GRD is a ground output used to supply a ground to your gauges.
G/Tach and Aux Tach are tach signal outputs that get there signal from the Tach input in the Ignition section. Used for tach signal for Tachometer gauge and other devices that need rpm signal.