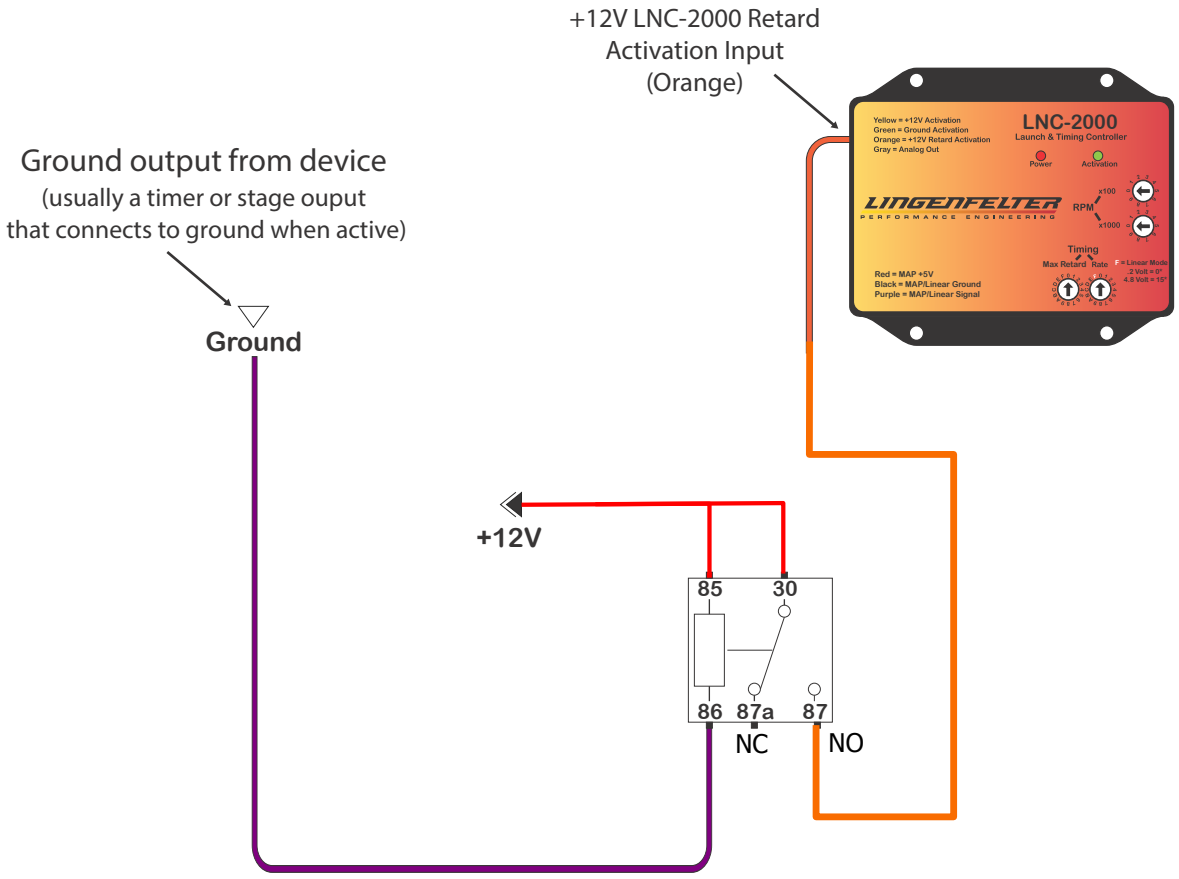
Using a relay to switch a ground output into a +12Vdc output needed to activate the LNC-2000 (or LNC-2001) Timing Retard Activation (orange input wire)



Using a standard 5 terminal automotive relay, connect the ground output wire from your device to terminal 86 on the relay. Then connect an ignition switched +12Vdc source to terminal 85 (the other side of the coil) and to terminal 30 on the relay. Now connect the orange +12Vdc activation input wire from the LNC-2000 to terminal 87 (the normally open terminal). Do not connect anything to terminal 87a (the normally closed terminal).

Now configure your device to activate the ground output when your nitrous becomes active. This is usually done with a timer output or with an output tied to one of your stages of nitrous. The output can NOT be a pulsed output. It must be a continuous output signal to activate the timing retard.

When the output is enabled, it should connect to ground. That will complete the circuit on the coil side of the relay (between terminals 85 and 86) which will cause the relay to switch terminal 87 from being open to being a closed circuit, connected to terminal 30. This will cause +12Vdc to be present at terminal 87 and provide a +12Vdc signal to the orange activation wire connected to it.