Modular Light Kit Instructions

Caution: Wear Appropriate Eye Protection!

Caution: Disconnect the batteries or battery during the install. If the car uses a Run/Tow Switch place switch in Tow position! Once in Tow position you can disconnect the battery pack.

Parts that can be used for the Modular application of choice.

The kit is designed to be used per application chosen (Turn Signal Kit, Brake Light Kit or Complete Kit). Depending on kit being used some basic information works for all kits involved.

Light placement is strictly a personal choice for the installer. You have several options for mounting. Suggestions are placing the front marker lamps in an area that is seen well from front to side view. Measure vertically and horizontally so both lights are in the same position. For Headlight mounting choose a spot close the Turn Signal Lights so there is not a wire length issue. Headlights, Turn Signals and Brakelights are a plug and play design. Meaning the harness and lights simply connect to each other. That is why you need to think about light placement so the wiring matches up.

On the rear of the car again place the light and or lights in an area where they can easily be seen. Center horizontally and vertically. You can stack two lights on each side or mount them side to side.

The brake pedal pad is mounted by drilling holes into the original pedal pad and using the supplied screws. Route the wiring as not to interfere with moving parts and sharp edges. Tie the harness into place using nylon ties. You will see a mating white connector for the brake pad harness to connect to on the main harness. If you are not using a Turn Signal Head you must install the By-Pass Adapter into the nine pin connector for brake light activation.

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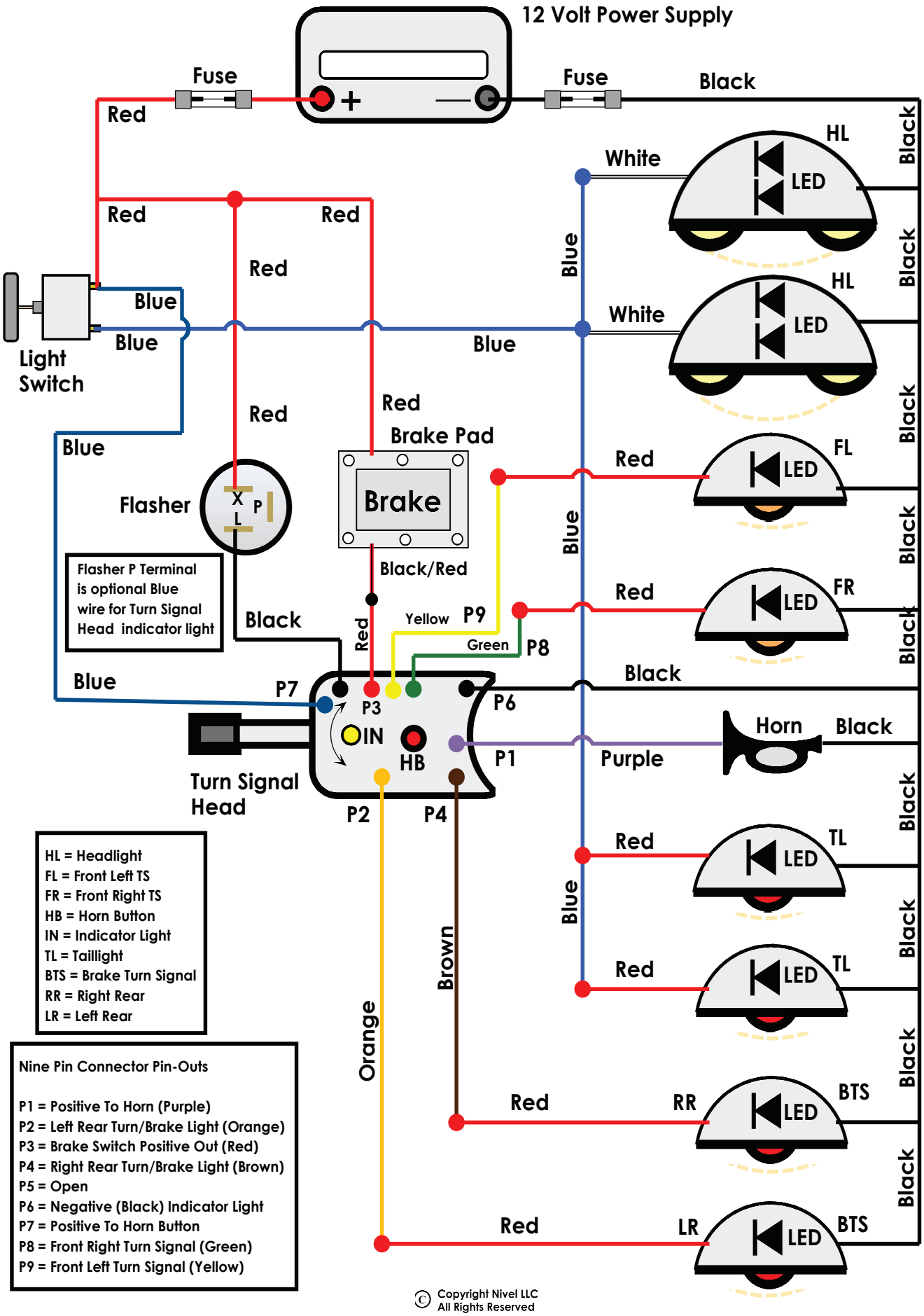

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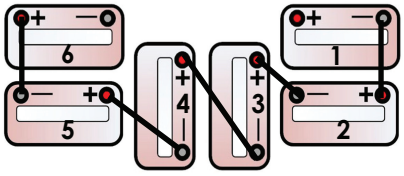
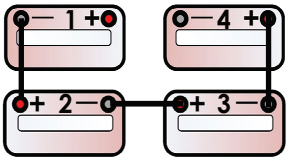
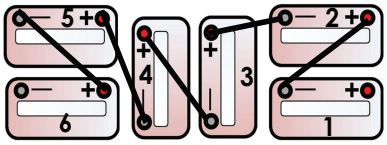
Battery Pack Arrangements



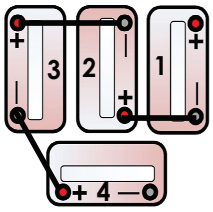
36 Volt CC



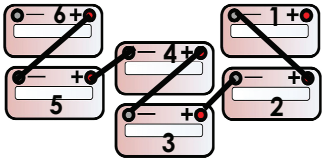
Generation 1 Precedent



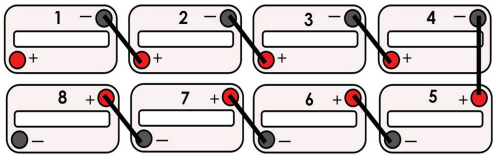
48 Volt CC



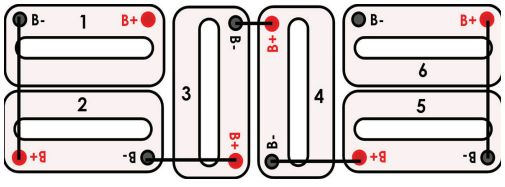
RXV



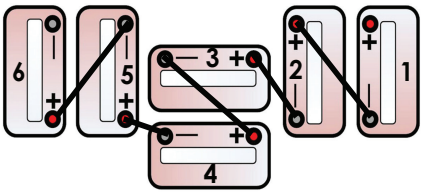
G2~G9



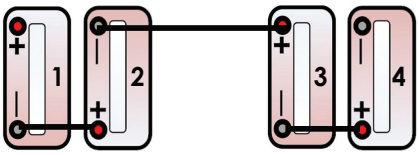
48 Volt Par Car



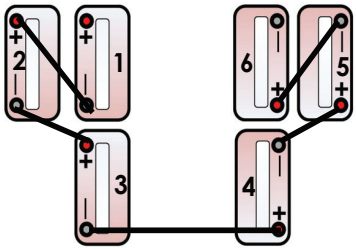
Generation 3 Precedent



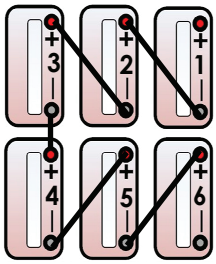
G19



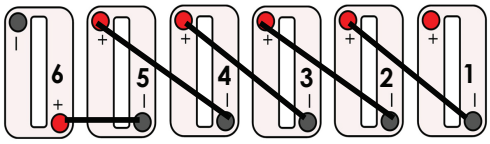
Drive



Marathon

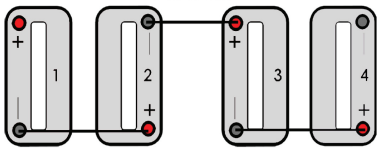


TXT



G22

2008~2008.5 (Half Year 09)



Generation 2 Precedent

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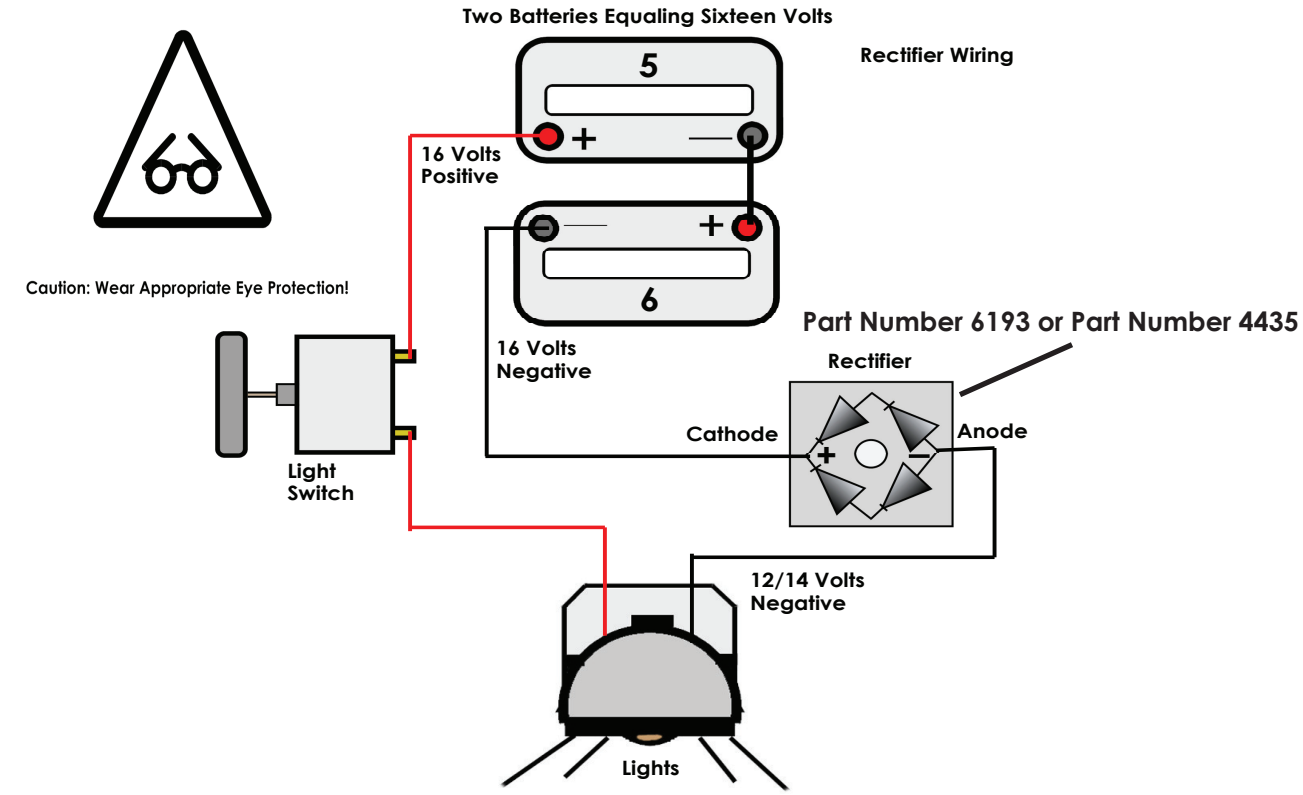
Battery Connections:

For gas cars we do recommend connecting directly to the battery for both positive and negative wires.
For electric cars select the battery pack of the car and connect from that configuration a single or two batteries equaling 12 volts. For all six and eight battery pack configurations use batteries number 5 and 6. For all four battery pack configurations use battery number 4.
The exception is battery packs using six eight volt batteries. You will still use battery numbers 5 and 6 but you should reduce the voltage from 16 volts to a working 12 to 14 volts. This can be done by installing a rectifier in series with the negative or positive first connection. I recommend using the negative side as that is more consistent with industry standards. A Voltage Converter can be used but really is not necessary due to such low amperage draw from LED's. However, if you are using other accessories such as radios or other lights a Converter should be used (Part Number 31486). Instructions are included with the converter.



Mount the Rectifier onto a metal surface for heat dissipation. Connect the terminal marked + to the battery pack negative terminal. Connect the terminal marked - to the negative lead wire going to the lights, or whatever accessory that is being used.
The other two terminals are not used.

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