



## **GX460/470 Plug and Play Rock Light Kit**

### **Kit Contents:**

- Plug and Play Light Harnesses
- Flying Lead Harness for switched use
- 4 – LED rock lights
- \*4 – LED rock light brackets (if purchased)
- 4 – Rock light rubber base
- 8 – M6 Allen head bolts
- 8 – M6 Locking nuts
- 2 – OEM Chassis Side Connectors & Pins

### **Additional Hardware Needed:**

- 4 – M8x1.25x15 Bolts (If missing hardware for running boards)
- \*SPST (Single Position) Toggle Switch
- \*18 Gauge Wire
- \*Ring Terminal
- \*Female Spade Connectors
- \*Relay (If using switch panel)

### **Tools Needed:**

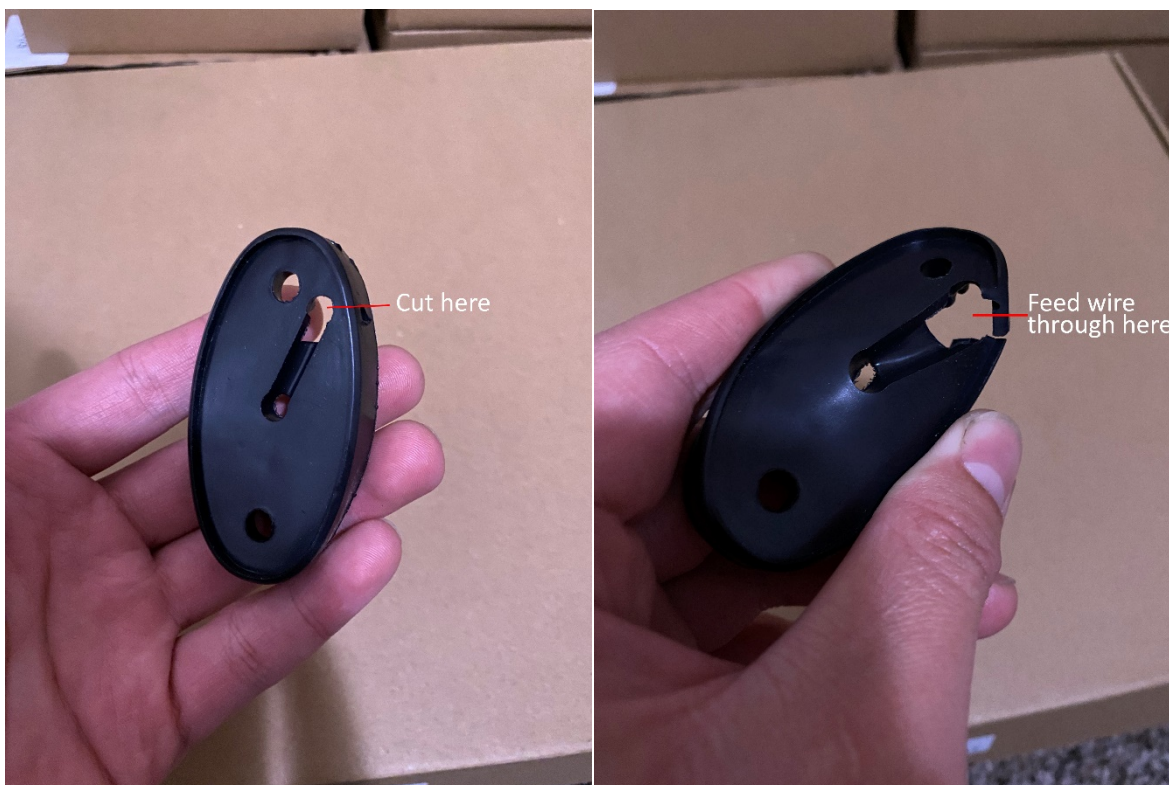
- Ratchet
- 10mm and 12mm Sockets
- 4mm Allen Wrench/Socket
- \*Wire Cutter
- \*Wire Stripper
- \*Crimp Tool

**\*Items with an asterisk are for our switched on/off rock light kit option only\***

# Instructions

**Step 1** – Disconnect your battery to prevent accidental shorts while installing the lights.

**Step 2** – Install the rock lights to the mounting brackets with the supplied Allen head bolts and nylon locking nuts, be sure to use the supplied rubber base, in order for the wire to pass through the rubber base, you are required to cut the base – see photos below.



**Step 3** – Mount your brackets and rock lights to the vehicle, use the OEM hardware or M8x1.25x15 bolts to secure the brackets to the car.

**Step 4** – Locate your OEM running board light connectors and connect the PNP rock light harnesses. Both running board connectors are located underneath the car and come out from the floor board; these are located towards the center of the car near where the OEM running boards would sit. Verify you have found the correct connector; it is a white 2 pin connector with red/blue and red/gray wires. \*

\* The connectors may require slightly more force than normal to correctly seat, confirm that the connectors are secure by looking at the locking tab, if the locking tab is properly seated the connector has been correctly installed.

\*Check your chassis side connectors for damage and/or corrosion, the connectors may need to be replaced – we include the replacement OEM connectors, terminals, and weatherproof plugs if this is the case.

**Step 5** – Run the PNP harness through the frame, we recommend using fish tape (a metal hanger may work in a pinch), be sure to run each end to the front and rear of the car, pull the connector out and through the frame near where the rock lights are located.

\*For those that purchased our switched variant, we recommend running the harness with the additional AMP Superseal 1.5 connector on the driver side, for switched on/off instructions see the next page.

**Step 4** – Connect the rock lights to each connector then feed the extra wire back into the frame.

**Step 5** – Connect your battery and test the lights. The lights should come on when the door is opened and when the doors are unlocked!

**Step 6** – Enjoy having your entry/courtesy lights back! Please tag us on Instagram @streetsharksslc!

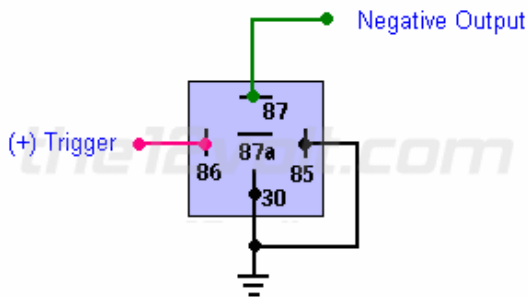
## Switched Variant Instructions

**Step 1** – Install your switch (not included) in your preferred location, run a wire that has been grounded to the chassis or a common ground to the switch.

**Step 2** – Run your included 8' flying lead harness (black wire) from the plug and play harness to your switch.

We recommend connecting the flying lead to the plug and play harness before running the wire to your switch. Route your ground wire through the frame, up into the engine bay and through the firewall grommet on the driver side and to your switch.

If using a switch panel, a relay is required (please see relay wiring diagram below), run the ground wire to the relay, negative output – pin 87.



Negative Output Relay Diagram



Grommet located inside the engine bay on the driver side – on the right of the ABS unit.

**Step 3** – Connect your relay to your switch panel, we recommend using a 5 or 10 amp output to trigger the relay – connect your output wire to the trigger on the relay – pin 86.

**Step 4** – Verify switch function, turn the car on, make sure the doors are closed, wait for the lights to shut off before flipping the switch to the on position. Once the lights shut off, press the switch to the on position and verify that the lights are on, we recommend rolling the window down and sticking your head out of the window to verify they power on

For any questions or help with installation please email us at [nathan@streetsharksgarage.com](mailto:nathan@streetsharksgarage.com)