

2/4BANGER LIGHT BAR WIRE HARNESS INSTALL GUIDE

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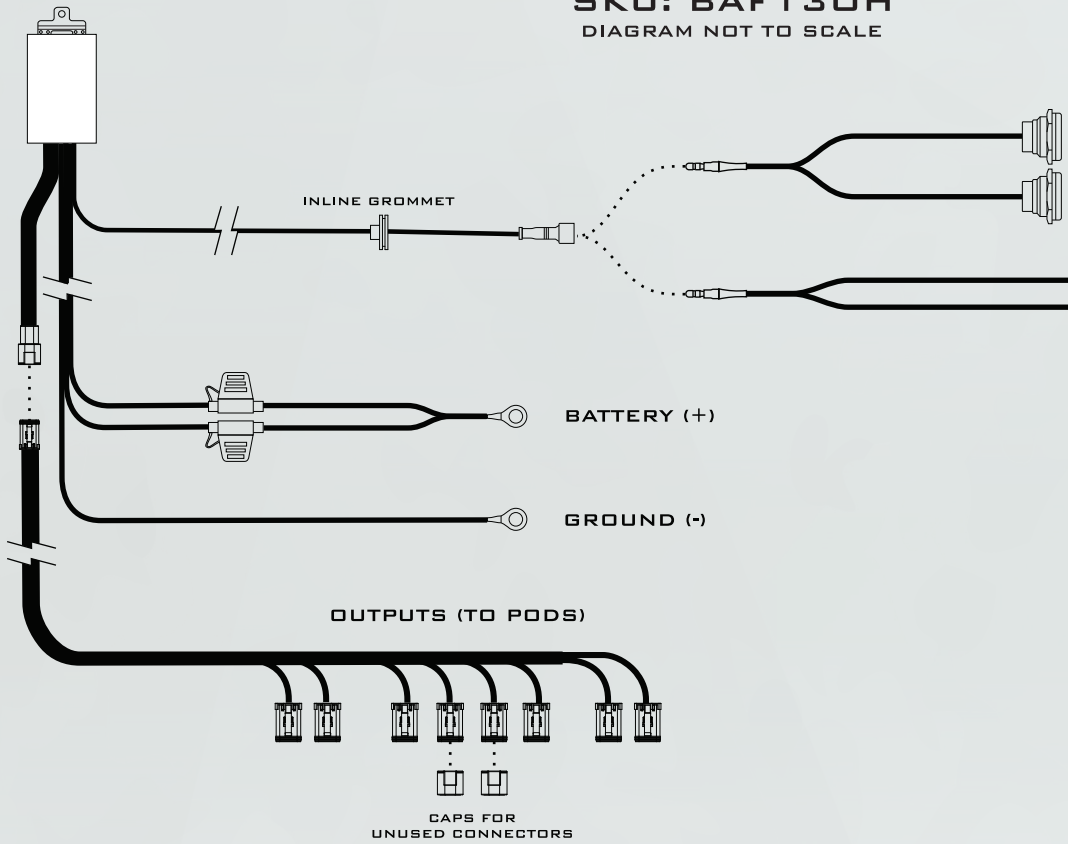
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RELAYS

SKU: BAF130H

DIAGRAM NOT TO SCALE



ON/OFF SWITCHES:
PUSH-BUTTONS

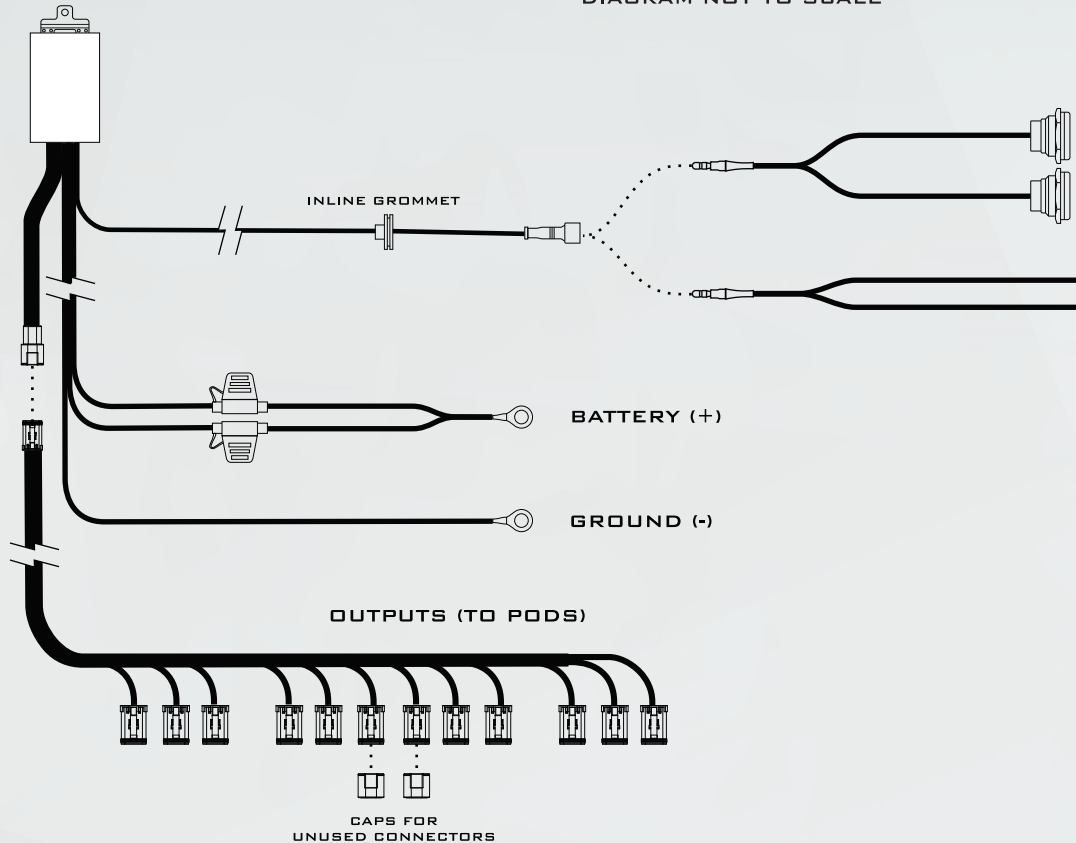
OR

TRIGGERS FOR PRE-FITTED
UP-FITTER SWITCHES

RELAYS

SKU: BAF131H

DIAGRAM NOT TO SCALE



ON/OFF SWITCHES:
PUSH-BUTTONS

OR

TRIGGERS FOR PRE-FITTED
UP-FITTER SWITCHES

SWITCHES

Each harness has two triggers, so that you can control the illumination of the LED pods independently. (e.g. you can illuminate the outer four pods alone, and the inner three pods alone). The harness includes two kinds of switches, described below:

NEW PUSH BUTTON SWITCHES

Use the included Push Buttons.

These universal switches can be installed on any flat surface panel inside the cabin.
(Requires 0.75in hole)

OE UPFITTER SWITCHES

Use the upfitter trigger harnesses.

These provide a single positive (+) lead that should be wired to the hot leads from your OE upfitter switches in the engine bay.

TIP 1

Run the wiring for your switches before using the barrel connector to link it with the main body of the relay harness. This will make passing the wiring through your vehicle's firewall much easier. There is a rubber grommet pre-installed on the line to reseal any holes you need to make in order to run the wiring (mates with a 0.75in hole).

TIP 2

Want to control the entire light bar off one switch? If using the supplied push buttons, remove the green wire from the second switch and tie it into the blue wire on the first switch. If using trigger wires, connect both trigger wires to the same upfitter switch wire.

There are two versions of the harness: BAF130H is built to work with 6-8 pods and BAF131H is built to work with up to 10-12 pods.

TIP 3

BAF130H: If running 6 pods instead of 8, skip two of the middle four connectors for a 2+2+2 switching configuration or the first and last pod for a 1+4+1 configuration.

BAF131H: If running 10 pods instead of 12, skip two of the middle six connectors for a 3+4+3 switching configuration or the first and last pod for a 2+6+2 configuration.

Remember to use the included DT connector caps to seal off any unused connectors.

RELAYS

The relays transfer the power from the battery to the light bar. While they are waterproof, it is highly recommended that you find a safe location to mount them.

TIP

To maximize lifespan & reliability, use the integrated hanger and install with the wires facing downwards.

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BATTERY TERMINALS

The relay draws 12V from your battery to power the light bar and its backlight. Make sure these are securely connected to the contacts on your positive and ground leads. There are two in-line 20A (BAF130H) or 30A (BAF131H) fuses with the positive battery terminal connection. Re-cover the positive terminal after connecting.

OUTPUTS

In order to safely power all of these high-powered LED pods, the main output line has to be big in diameter. This often makes it difficult to conveniently route the output-wiring from the engine compartment up to your roof.

The most ideal path for this run of wiring will vary by make & model, but the most typical options are as follows:

EXTERNALLY

Along the edge of the windshield glass and A-Pillar

This kit is a great solution to secure / cover the wiring



INTERNALLY

Through the firewall and up the inner side of the A-Pillar behind the interior trim panel.

The wiring is then passed up and out, through a hole that is drilled into the channel for the roof rack. It must be carefully resealed to avoid leaking.

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