Baja Designs 640167 Installation Instructions

Upfitter Lock-Out Harness for LP9 and LP6

Part number: 640167

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Scan for fitment, price and install help

LP9/LP6 Pro/Racer Upfitter Lockout Harness Instructions
64-0167



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These are comprehensive warranties; other than the exclusions below – you're covered. If your LED or HID bulb burns out, you're covered. Additionally, cutting off our connector or changing your lenses does not automatically void your warranty.

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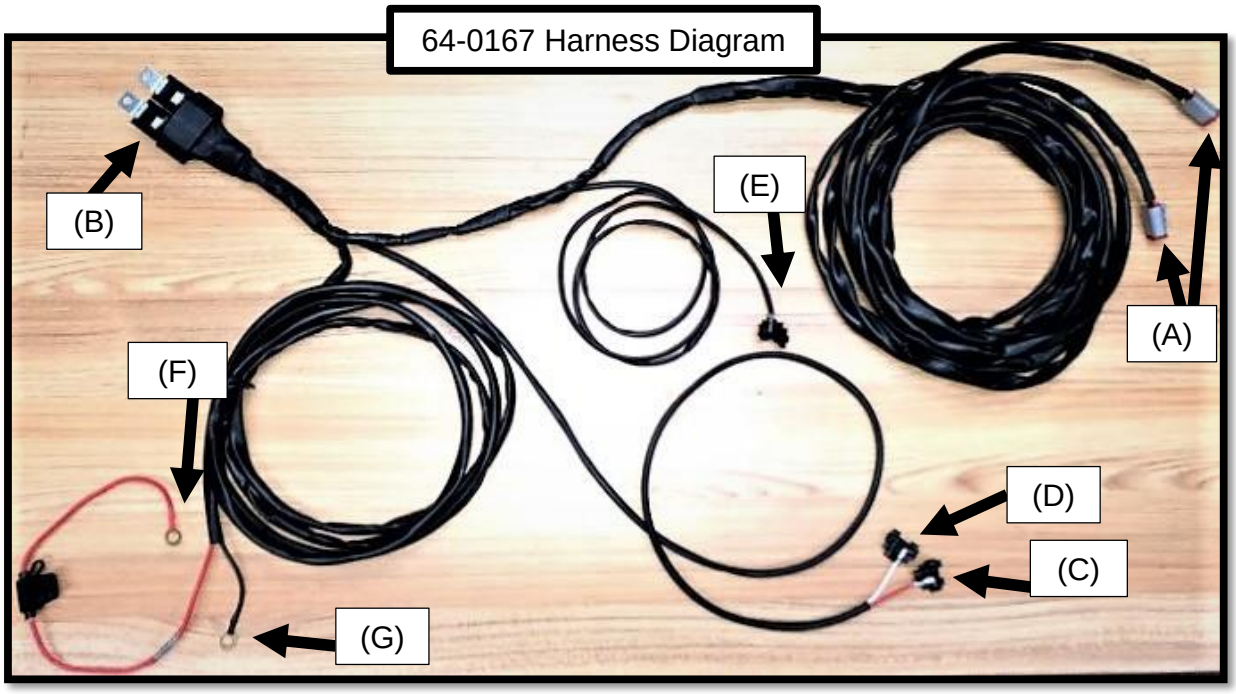
Upfitter Lockout Harness Instructions

Tools Required

- Circuit test light or multimeter
- 10mm or ½ socket (Battery terminal size)
- Pliers
- Crimps



(A) Light Plug Leads

(B) Dual Relays

(C) Low Beam Wire Lead with Splice 10A (red)

(D) Hi Beam Wire Lead with Splice <1A (white)

(E) Backlight Wire Lead with Splice

(F) Positive (+) Battery Lead

(G) Negative (-) Battery Lead

Instructions:

1. Route the light plug leads (A) through the engine compartment to the lights.
2. Mount the dual relays (B) on an existing bolt inside the engine bay away from hot and/or rotating components (No grounding neccessary).

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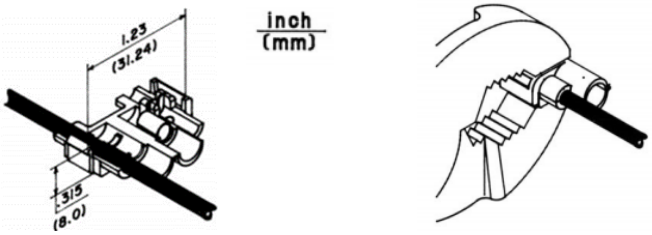
3. If you wish to use the backlight function on your lights, use the backlight wire lead with splice (E) to tap into the vehicles DRL (Daytime running light) circuit. This can be achieved by finding a wire that powers a DRL and clasping the splice connector over it with pliers. Test the wire for keyed power with the multimeter, or test light before attempting to power on backlights with the DRL wire.



4. To wire the low beam function of the harness, a **10A circuit must be used**. Cut and strip the desired upfitter wire on your vehicle. Test the function of the upfitter wire with the multimeter or test light before powering on the lights. Remove splice connector from the low beam lead (C). Use the provided female bullet connector and cover to make a crimped connection on the upfitter wire. Then connect the harness to the upfitter wire. If crimping is not possible, the splice connector can be used.
5. For the high beam function, the amperage requirement is **less than 1A** for the circuit. Cut and strip the desired upfitter wire on your vehicle. Test the function of the upfitter wire with the multimeter or test light before powering on the lights. Remove the splice connector from the high beam lead (D). Use the other female bullet terminal and cover to make a crimped connection on the upfitter wire. Then connect the harness to the upfitter wire. If crimping is not possible, the splice connector can be used on the upfitter wire. **Alternatively**, if you would like to have your OEM high beam switch turn on your LP9/LP6 high beam, clasp the splice connector over a high beam wire behind the headlights. Test high beam wire with mulitimeter or testlight before powering lights.
6. Attach the positive (+) battery lead (F) to your positive (+) battery terminal.
7. Attach the negative (-) battery lead (G) to your negative (-) battery terminal.

Tie up all wires away from hot and/or rotating components.

Your install is now complete! Thank you for choosing Baja Designs.

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