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THE SCIENTISTS OF LIGHTING

## Ford F150 (15-20) S2 Wide Cornering Reverse Kit



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## LIMITED LIFETIME WARRANTY

Baja Designs proudly offers a LIFETIME WARRANTY against manufacturer's defect on all the products that we manufacture.

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.

### **Exclusions:**

Installation errors, abuse, misuse or crash damage. You must be the original owner of the product and can supply proof of purchase.

Baja Designs manufactures its own products as well as resells products manufactured by others. Baja Designs makes no express or implied warranties on products not manufactured by Baja Designs including without limitation any warranties or merchantability and fitness for a purpose. We will, however, pass on all warranties made by the manufacturer, who has sole responsibility for performing such warranties.

Baja Designs will pay the freight if your product is less than 90 days old, otherwise defective products must be returned to Baja Designs, Inc., freight prepaid. At our option, we will repair or replace items in question and return them at no charge. If the identical product is no longer available, we will replace with a similar product of equal value. Baja Designs Inc. will not be responsible for any indirect or consequential damages in connection with defective merchandise.

Items purchased through a Baja Designs authorized dealer must be returned through the dealer. Only available on LED auxiliary lights and product must be in sellable condition at MSRP. Product that has been damaged in any way after the original purchase date will be excluded from this guarantee.

### **Indemnification:**

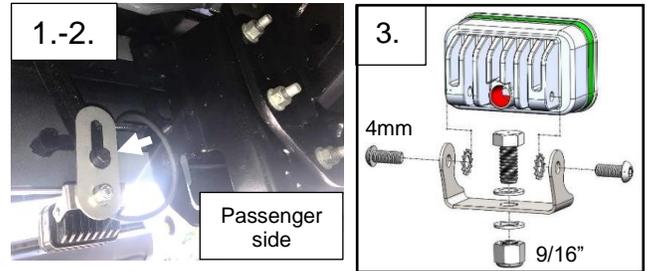
**Buyer hereby acknowledges off-roading, racing and driving at night are dangerous activities and that the products and/or supplies purchased from Baja Designs are used in an inherently dangerous activity that may endanger life and limb; and in no event shall the seller, or seller's heirs and assigns, be held liable for consequential damages, nor shall seller's liability on any claim for damages arising out of or connected with the sale, delivery, or use of purchased products and/or supplies exceed the purchase price of the products and/or supplies**

## Ford F150 S2 Reverse Kit Instructions

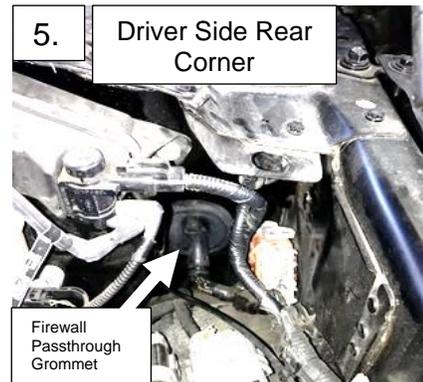
### Tools Required

- 9/16" Wrench and Socket
- 4mm Allen Wrench
- Pliers
- 3/4 Drill (non-upfitter models)
- 13mm Socket wrench

1. Locate the arrowed bolt on the backside of the rear bumper. With the 13mm socket wrench, remove the bolt.
2. Mount the reverse bracket as shown. Repeat for opposite side.
3. With the provided S2 hardware, assemble the standard S2 bracket to the light. (Note: assemble 9/16" hex head hardware first). Use the 4mm Allen wrench to attach the bracket to the S2 housing. Repeat for the other light.



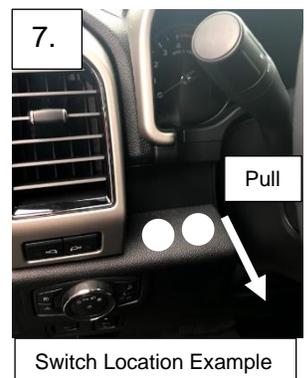
4. Connect the splitter harness to each light with the open plug on the passenger side. Route the wires into the backside of the bumper. Connect the extension harness.
5. Route the extension harness along the passenger side and up into the engine compartment along the firewall. Connect the harness to the extension and route the switch lead to the driver side inner fender near the brake booster.
6. If you purchased the Upfitter switch version:
  - Locate the bundle of upfitter wires on the passenger firewall taped to the harness passthrough closest to the motor (Right arrow). Do not use the bundle of wires that is furthest from the engine (Left arrow).



- Remove the tape to access the wires AUX 1,2,3,4, are brown with green stripe, violet with orange stripe, blue with green stripe, and gray with brown stripe respectively (25A max).
- Using the pliers, clasp the splice connector on the reverse splice harness over the desired wire/circuit. Wrap the tape back over the remaining wires. Make sure all wires are isolated and add electrical tape as needed.
- Mount the black ring terminal of the splice harness to the common ground on the inner passenger fender using a 10mm socket wrench.



7. If you purchased the stand-alone version:
  - Locate the firewall passthrough grommet on the right side of the brake booster (Image for step 5). In the cab, this will be located to the right of the parking brake. Push grommet into engine compartment. Gently pull dash panel away until unclipped.
  - Snap a photo of the switch wiring for reference later. Remove the switch terminals from the switch. Remove the tape around the wires on either side of the grommet.
  - Locate a desired dash location for the switch and confirm that there is clearance behind. Drill 3/4" hole.



- Thread the wires through the hole in the passthrough grommet, mount switch, and reattach switch terminals. Tape around the wires of the grommet. Install dash panel.
- Mount the (+) and (-) ring terminals of the harness to the corresponding battery terminals starting with the (+) red lead.

**Tie all wires away from sharp, hot, and/or rotating components.**

**Re-torque all the fasteners after 100 miles.**

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