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The Scientists of Lighting

2019 Ford Ranger Backup Kit instructions



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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.



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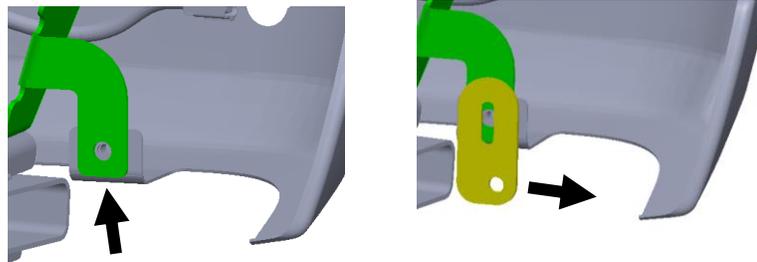
Tools Required

8mm socket wrench
13mm socket wrench
9/16" wrench and socket wrench
4mm Allen wrench

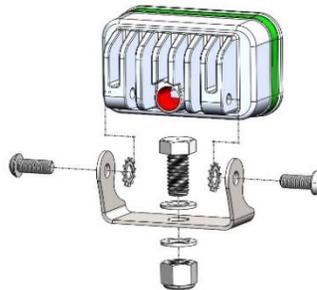
1. The reverse light brackets will mount behind the rear bumper in the circled locations below.



2. Below on the left is an image of the driver's side mounting location behind the bumper. Using a 13mm socket wrench, remove the bolt, place bracket onto the mount as shown below on the right, and lightly tighten. The single hole on the brackets should be oriented toward the sides of the vehicle. Repeat for passenger side.



3. Locate the S2/Squadron parts bags. Using the 4mm Allen wrench and 9/16" wrench and socket wrench, assemble the lights as shown in the exploded view below.

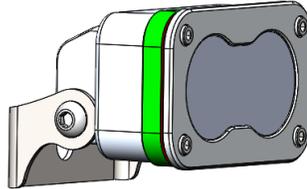


***Note: thread in 3/8" bolt before attaching light to bracket.**

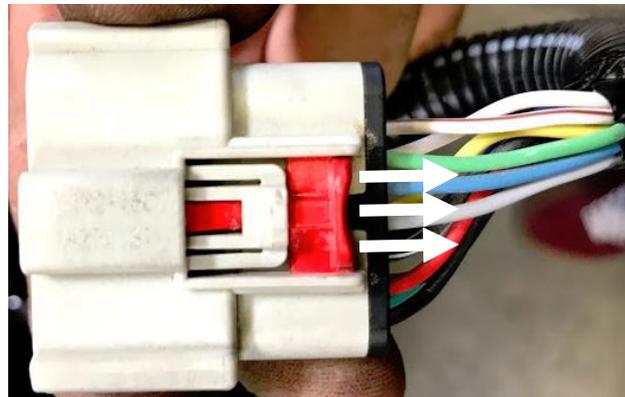


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4. With the light housing bolts slightly loose, rotate the light until the bottom face of the bracket is parallel with the face of the light. See image below.



5. Using the 9/16" wrench and socket wrench, mount the light assemblies to the brackets from step 2. Slide reverse light bracket up or down until desired fitment is reached. Tighten the reverse bracket down with the 13mm socket wrench, and then tighten the rest of the hardware on the light assembly. Make sure to route the power chords away from any exhaust pipes and into the backside of the bumper.
6. Now the taillight assembly will need to be removed. Open the tailgate. On the inside of the driver's side bedside, there are two 8mm hex head bolts (see image circled on left below). Remove the two bolts. Now the light will need to be pulled with constant mild force in the direction shown by the arrows below. The fastening pins will make a "pop" when the light is released.

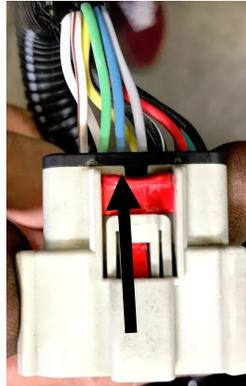


7. To disconnect the taillight plug, pull the red tab up until it appears as the picture on the right above. Now press the white detent in and pull the plug from the light.



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8. With the reverse kit harness in hand, thread the eyelet and weatherpack connector through the hole behind the taillight and out the bottom of the vehicle. The splice connector should be left near the taillight plug. Clasp the splice connector over the light blue wire that is the third position from the left as shown below.



9. Looking under the rear bumper, find the chassis ground on the driver's side framrail. Using an 8mm socket wrench, remove the ground. Place the eyelet of the reverse kit harness over this ground and tighten. Make sure the harness is routed away from the exhaust.
10. Locate the splitter harness included with the kit and connect the plug to the reverse harness plug. Route the shorter splitter lead to the driver's side reverse light and connect the plug. Tie both reverse and splitter harnesses to the OEM harness that is behind the rear bumper and follow it to the passenger side. Connect the passenger side light plug.

Re-torque all the fasteners after 100 miles.

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