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## **2014-2019 Toyota 4Runner 30" Grill kit Instructions (44-7510, 44-7511, 44-7512)**



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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.

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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.

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**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.**

**Buyer is responsible for ensuring that it uses the products (and its vehicle) in accordance with all applicable laws, regulations, guidelines, and standards of care. Buyer acknowledges that some products may only be used when off-roading, and Buyer will comply with all vehicle and road safety guidelines. Buyer is solely responsible for (and will indemnify and hold Bestop harmless for) any claims, losses, damages, fines, fees, costs, or other amounts arising out of Buyer's non-compliance with these provisions.**



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**2014-2019 Toyota 4Runner 30" Grill kit**

**Tools Required**

14mm Socket wrench

10mm Socket wrench

7/16" Socket wrench

Standard Screwdriver (flathead)

**\*\*Note:** Taking pictures during disassembly is recommended.\*\*

1. To begin, open the hood and locate the plastic push fasteners that are positioned around the perimeter of the plastic radiator cover (13 Total).



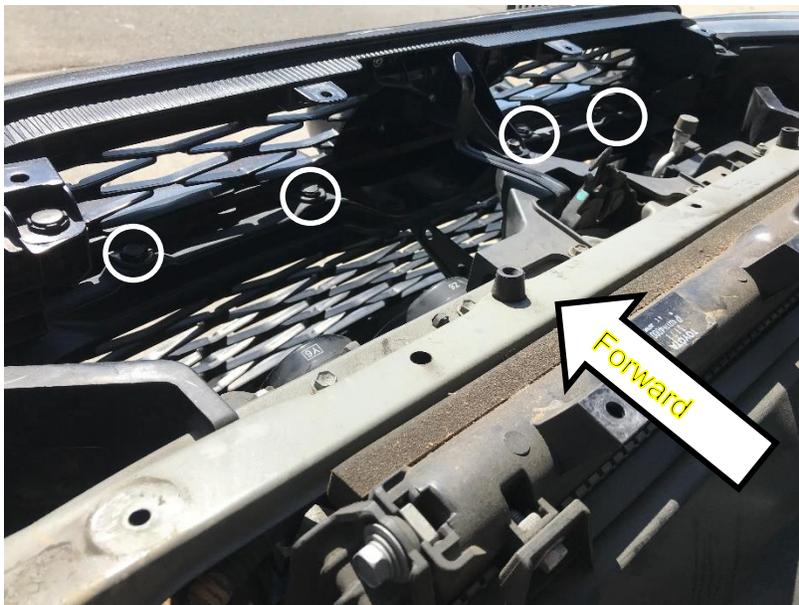
1. To remove the fasteners, gently press straight down onto the circular portion of the head until it is in the lowered position shown below.





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2. Now, it is important to remove each fastener individually, or else they will most likely be thrown in every direction while removing the panel. Removal of the fasteners can be completed by hand, or assisted by the use of a standard screwdriver. Once the fasteners are removed, the radiator cover can then be taken off the vehicle.
3. Locate the upper grill plastic fasteners on the inner backside of the grill (4 total, see image below). Gently pry up in the grooved portion of the fastener until it has risen above it's plastic base. Once it is about 1/8" above, both can be removed by hand, or assistance with a standard screwdriver.



4. Underneath the front of the vehicle, remove six bolts with a 10mm socket wrench. Three are shown in the passenger side picture below.



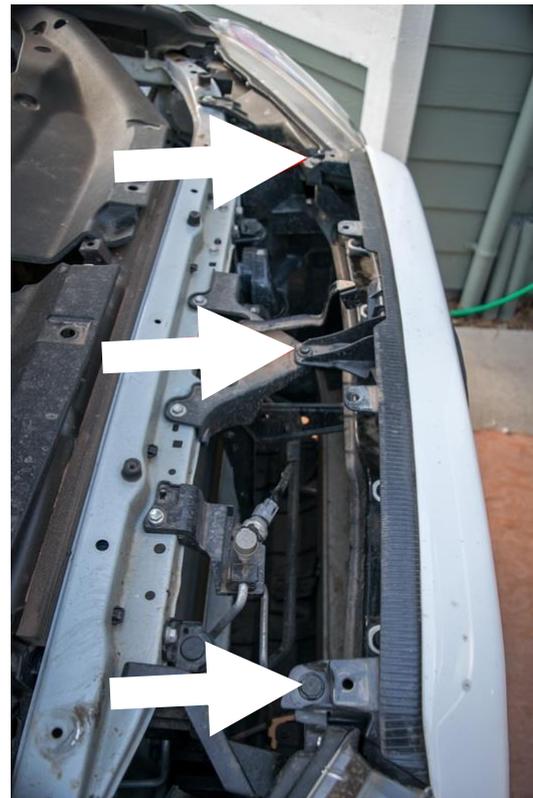


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5. At the front of each wheel well, remove the three bolts with the 10mm socket wrench (Pictured on right). For the bottom two fasteners, gently pry up the black tab and unseat from the front bumper cover. The top fastener must be pulled slightly toward the wheel center and then in the direction indicated by the arrows in the picture on the right. Gently continue to pull the entire section in the same direction until it releases from the mounting location. Repeat for the opposite side.
6. Before taking off the entire front clip, the fog lights will need to be unplugged. After step 5, there should be just enough room to reach into the backside of the fog light opening and locate the plug. Press down on the connector clip to release. Repeat for opposite side.



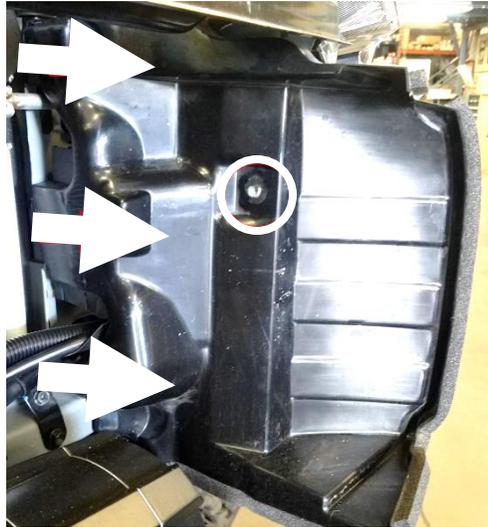
7. This will be the last step before the entire front clip will come off. Prepare a safe area to place the removed front clip. Remove the left and right plastic fasteners using a Standard screwdriver, shown at the top and bottom of the picture to the right. Prepare to support the front clip while removing the center bolt with the 10mm socket wrench. Once removed, place front clip away from the vehicle.





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8. If you will **not** be mounting an OnX6 30" into the lower grille, ignore this step. Remove the plastic fastener circled in the picture below. Now, you can remove the radiator cowl in the direction shown. Repeat for the opposite side. These will not be used.



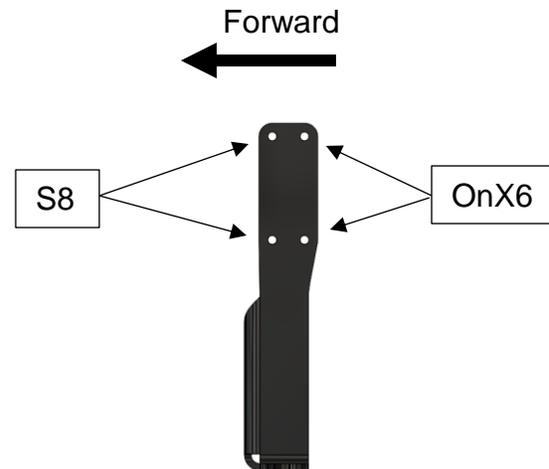
9. Locate the three bolts on the driver side Aluminum front bumper structure. The two circled in the picture below will be used to mount the bracket. With a 14mm socket wrench, remove the bolt closest to the center of the vehicle, then loosen the bolt right next to it until it is about 1/4" above the surface of the black plate.





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10. Locate the bracket that has DS imprinted on the slotted side. Slide this slot under the bolt that was not removed in step 9. Thread the other bolt into the hole and back into the bumper. Tighten both bolts. Repeat steps 9 and 10 for passenger side.



11. Locate the light bar parts bag and remove the two 1/4" bolts and two washers. With the 7/16" socket wrench nearby, place the light inbetween the brackets and align the mounting holes. Hand thread in the bolts as far as possible, then aim, and tighten.
12. Now it is time to begin reassembly. Have the bolt from step 7 ready to hold the front clip on the vehicle while everything is snapped back into position. Carefully place the front clip onto the vehicle taking special care to align it with all three hole locations from step 7. Hand thread on the center bolt enough to keep the front clip from falling.
13. Reach into the backside of the bumper on both sides and plug in the fog lights.
14. Work your way from the center out along the top edge of the clip while making sure to clasp the seams into their mating prongs. Once you have reached the wheel wells, make sure to slide the inner fender well edge into the tabs on the fender. Replace the bolts from step 5 and tighten.



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15. Replace the two plastic fasteners from step 7 and tighten the center bolt with the 10mm socket wrench. Insert the plastic fasteners from step 3 back into their original locations.
16. On the underside of the front bumper, orient the front clip and inner fender well plastic pieces to align the 6 fastener locations from step 4. Tighten all 6 fasteners to complete the hardware installation.

### Wiring Guide



1. Use the provided harness and connect the light bar.
2. Determine a desired dash location for the toggle switch. Using a  $\frac{3}{4}$ " stepped drill bit, drill a hole. Be mindful of what is behind the dash and remove dash if necessary.
3. Take a quick picture of the switch terminals for reference later. Remove the switch terminals from the switch, run the harness through the firewall and through the desired dash location. Reattach the toggle switch and press into the dash.
4. Connect the +12V (red wire) to the positive battery terminal and the -12V ground (black wire) to the negative battery terminal.

Re-torque all the fasteners after 100 miles.

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