



Installation Instructions:

TR-0029: 2017+ Ford Super Duty

40" Curved Light Bar Brackets

Kit Contents:

- (1) Bracket (Left)
- (1) Bracket (Right)
- (4) Bolt Retaining Washers
- (2) 1/4" External Tooth Washers



1. Remove the front bumper by first removing the covers over the front bumper bolts around the tow hooks. Two tabs on the top need to be pushed to release the covers.



4. Unplug the factory fog light wiring harness from the vehicle side harness on the inside of the drivers side frame rail, behind the bumper. Shown in photo 4.

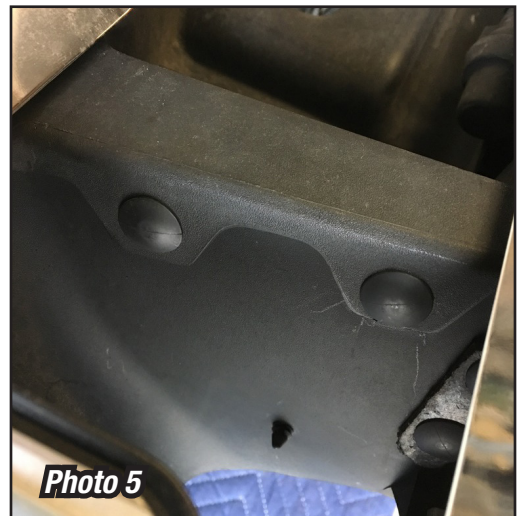


2. Next, remove the two bolts in each fender well that hold the bumper supports to the frame. Passenger side shown in photo 2.

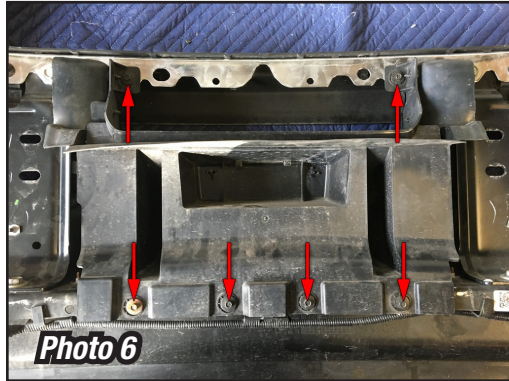


5. Remove 8 main bumper bolts from the front face of the bumper. A tip to removing them is to back out the bolts and leave only a couple of threads engaged in the nut plate behind the bumper. Doing this will prevent the nut plate from spinning while you remove the other bolt.
6. Carefully remove the bumper off of the frame and set it face upon a soft towel or blanket to prevent damage.
7. From the front face of the bumper, remove the two plastic push-in retainers on either side of the license plate. See photo 5.

3. If your truck is equipped with a block heater, disconnect it behind the front bumper near the frame on the passenger side. Shown circled in photo 3.



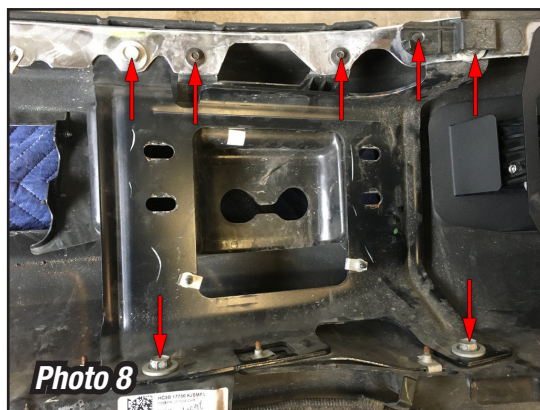
8. Start removing all of the plastic center filler pieces by first removing the 6 bolts marked in photo 6 with an 8mm socket.



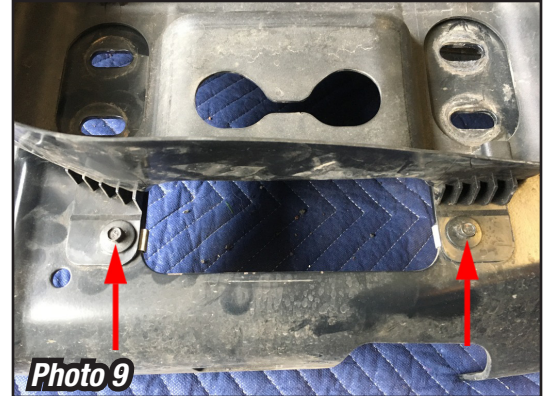
9. With the center bolts and push in retainers removed you can pull out the center section of the plastic filler, with the license plate attached. You will have to pry up a bit on the license plate to get it to slip over the lower bumper lip as you pull the assembly out the back of the bumper.



10. Remove the main bumper brackets to gain access to the mounting bolts for the tow hook surround pieces. Do this by removing the push in retainer at the top outer edge of the bracket that holds the plastic piece over the bumper bracket bolt. Remove the 4 main bolts, and the top two center small bolts as shown in photo 8.



11. Pull the main bumper brackets off the bumper to gain access to the front of the bracket and the two bolts that hold the plastic tow hook surround to the bracket. Remove the two bolts and discard the surround. See photo 9



12. Re-install the main bumper brackets onto the bumper using the hardware removed in step 10.
13. Standing the bumper up to gain access to the front, insert the factory bumper bolts in the 4 holes on the inside of the tow hooks. Use a supplied bolt retaining washer to secure these bolts in place. You will need to push hard on the clips to get them to push down onto the bolts.
14. Re-install the front bumper to the truck by just the 4 bolts you inserted in step 13. Use the factory nut plates on the backside of the bumper. Adjust the height of the bumper and tighten down the 4 center bolts.
15. Attach the KD Fabworks brackets to the LED light bar with a supplied 1/4" external tooth washer inbetween the brackets and the light bar.
16. Using the remaining 4 factory bolts, attach the light bar and bracket assembly to the truck, using the factory nut plates on the back side of the bumper. Leave these loose at this time. The brackets should angle up, so that the light bar is centered in the bumper opening top-to-bottom.
17. Adjust the light bar to center it in the bumper opening and tighten down the 4 bumper bolts.
18. Reinstall the inner fender to frame support bracket bolts.
19. Plug in the factory fog light harness and the block heater plugs.
20. Wire the LED light bar to the manufacturers recommendations.