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Ford Super Duty (17-19) XL Linkable 7 Light Kit



Ford Super Duty XL Linkable Bumper Kit Instructions

Tools Required

- 7/16" Wrench and Socket
- 3/16" Allen Wrench
- 3/4" Drill or Stepped drill (non-upfitter only)
- Trim tool (Plastic Prybar)
- 13mm, 10mm, 8mm Wrench and Socket

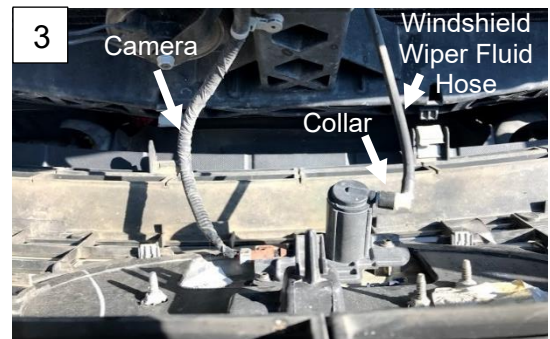
1. To begin, use the trim tool to pry the twelve arrowed plastic fasteners on the plastic radiator cover. Place the cover aside.



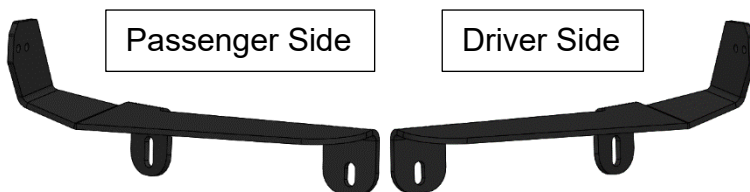
2. With the 10mm Socket wrench, remove the 8 arrowed bolts at the top of the grill. Carefully pull the grill away from the vehicle in the direction shown by the grey arrows. The clips will make a popping sound as they are released.



3. Disconnect the camera connector from behind the emblem on the grill. Then, pull the collar on the windshield wiper fluid tube until the fitting will pull away from the barb. The collar does not need to be removed.



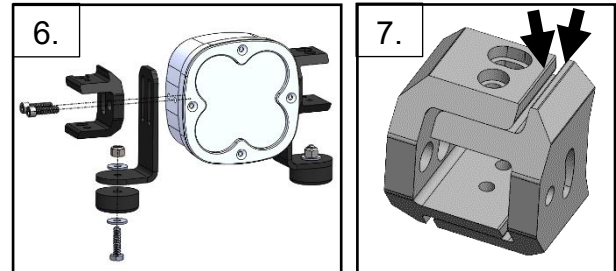
4. With the trim tool, pry along the plastic bumper cover until all the clasps release and the piece is removed. Place aside.



5. With the 13mm and 8mm wrenches, remove the two circled bolts on the backside of the front bumper on the passenger side. Place the passenger side bracket over these locations and replace the hardware. Slide the bracket toward the center of the vehicle and tighten the bolts. Repeat for the driver side.



6. Remove the linkable light bar from the packaging. Use the 3/16" Allen wrench to remove the upper and lower bolts on the links attached to the center light. Remove the remaining bolts in the links on the center light. Use the supplied longer bolts to mount the preload base brackets inside of the links as shown.



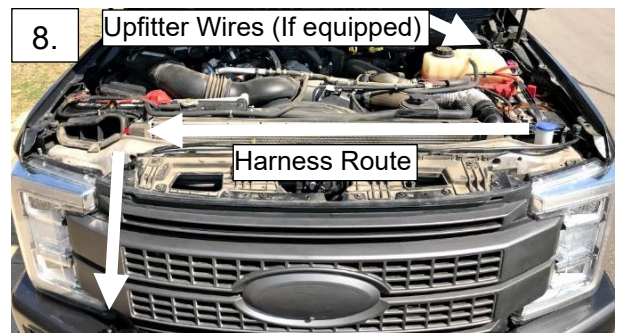
- Use the 7/16" wrench and socket to mount the rubber bumpers with associated hardware as shown on both preload brackets. Reattach the center light to the linkable lightbar.

7. Use the 3/16" Allen wrench to loosen the upper and lower bolts on each link assembly. Make the edges of each pair of links parallel and the light bar will have the correct amount of arc. Leave end links slightly loose.



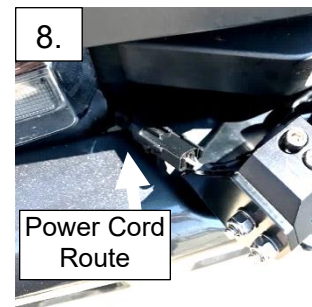
- Mount the linkable lightbar using the 3/16" Allen wrench and 7/16" wrench and tighten. Tighten the end link bolts. Route the power cord around the passenger side bracket.

8. Open the hood. Unravel the provided harness and route the light lead of the harness across the radiator support and down in between the passenger side headlight and the radiator. The Linkable power cord can be routed into the backside of the fog light area through the gap between the bumper and the grill as shown. Connect the harnesses with the 3-pin connectors.



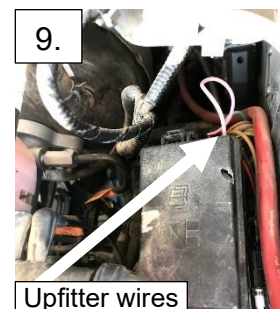
9. If you purchased the Upfitter switch version:

- Find the small fuse panel next to the brake booster on the driver side in the back corner of the engine compartment. A bundle of wires is tied to the back of this panel. 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).



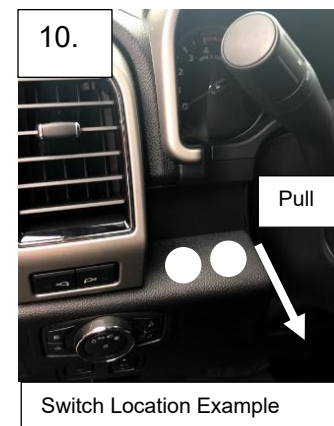
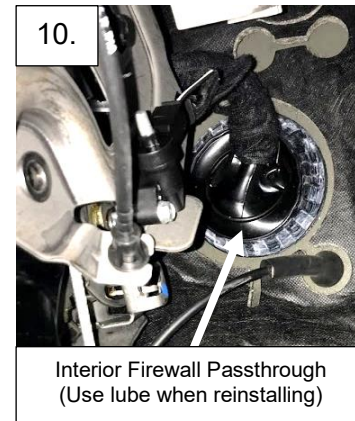
- Using the pliers, clasp the splice connector on the splice harness over the desired wire/circuit. Make sure all wires are isolated and add electrical tape as needed.

- Mount the black ring terminal of the splice harness to the common ground on the inner Driver side fender using an 8mm socket wrench.



10. If you purchased the stand-alone version:

- Locate the firewall passthrough grommet on the right of the brake booster. 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 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.



Re-torque all the fasteners after 100 miles.

Your install is now complete! Thank you for choosing
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