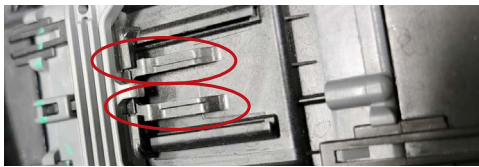


Thank you for your purchase of our new SS3 Fog Pocket Kit. CAD-designed to use existing mounting points, this kit is compatible with the 2021+ Ford F-150. Installation instructions are included below. **Please contact us if you have any questions.**

**Tools Needed:** T30 torx driver, ratchet or ratcheting wrenches: 7mm, 8mm, 10mm, 13mm, 21mm, plastic trim removal tool, pliers

1. Using a 7mm socket, remove the two screws securing the fender liner to the upper bumper valance and pull the sides of the valance loose from the fender well and the fender.
2. Repeat step one on the opposite side of the vehicle and pull the valance off entirely, starting from the outside and pulling the tabs loose, working your way toward the middle.
3. Remove the trim panel on the radiator core support by removing the 13 tree clips securing it in place.
4. Disconnect the harnesses near the hood latch and remove the clip securing the harness to the grille.
5. Remove the four 10mm screws securing the grille to the top of the core support and the two 8mm screws on the bottom of the grille, next to the headlamp screws.
6. Remove the grille by pulling firmly away from the radiator.



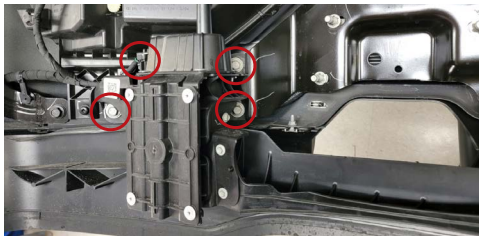
7. Disconnect the large body connector on top of the air dam by pushing in the dark gray tab while pulling up on the light gray handle to release it.

8. Disconnect the harness attached to the air dam and remove it by pulling the clip out of the air dam.

9. Remove the six 21mm nuts on the back side of the bumper.

10. With the assistance of a second person, remove the bumper by sliding it toward the front of the vehicle and off of the tow hooks and frame.

**NOTE:** The bumper is very heavy.



11. Disconnect the radar connector and remove the radar and bottom trim on the bumper by removing the three 13mm bolts on either side of the bumper. Pull the radar and trim away from the bumper.

12. Remove the fog lamp by disconnecting the fog lamp connector. Then remove the four T30 torx screws and pull the fog lamp up and out of the bumper. Remove the 13mm bolt on the strut, this bolt will be reused.

13. Install the SS3 pods onto the mounting brackets. Use the included hardware and a 4mm (or 5/32") hex bit. Ensure the lamp is installed such that the DT power connector is on the bottom of the lamp.



14. Using a 13mm wrench, install the SS3 Pods onto the brackets.

15. Install the fog bracket using the factory hardware previously removed.

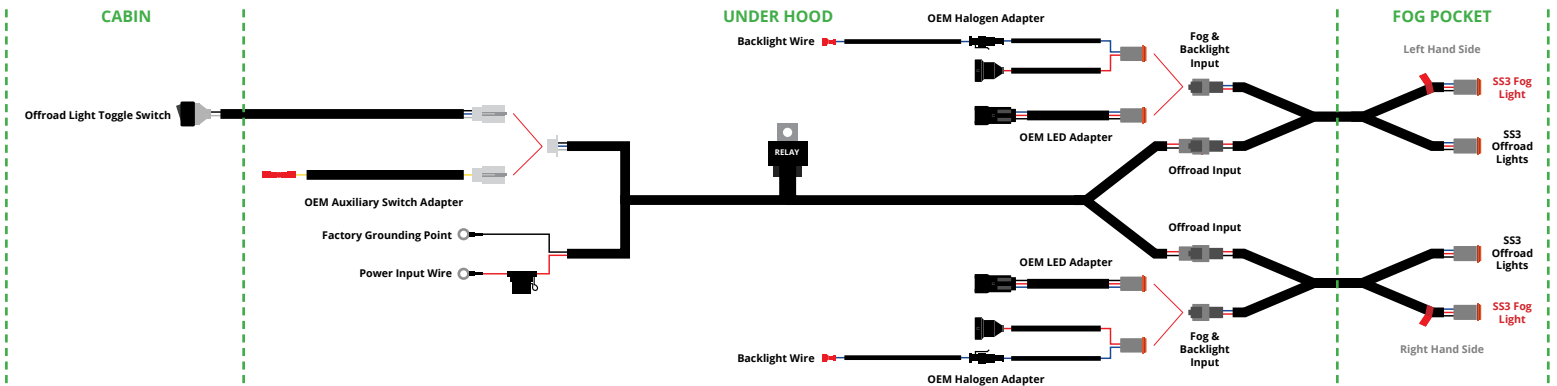
16. Repeat steps 12 through 14 on the opposite side of the bumper.

**NOTE:** There will be two extra torx screws.

**See back for further instructions.**

## Wiring Instructions

This kit provides three lighting functions: road-legal fog lights, an ambient backlight illumination, and bright off-road lighting. Using the included wiring harness, you can switch between these functions with ease. The fog lights connect to your factory fog light connector. The off-road lights are controlled manually with the included toggle switch, or a factory auxiliary switch. When routing the harness, avoid areas that may be subject to heat buildup or moving parts. We recommend following the path of original manufacturer wiring harness.



1. Route the offroad wiring harness to the general locations as needed. Place the Relay near the fuse box, under your hood. Run the output wires to the fog pocket on each side of the vehicle. If you would like to control the offroad lights with a toggle switch, route the Switch wire into the vehicle cabin, on the driver's side.

2. Connect the positive and negative battery wires to the battery, or to the main power terminals near the fuse box.

3. If using a toggle switch, inside the cabin, connect the switch wires to each switch, aligning wire colors as shown. Identify a mounting point for the switch in an unused area of the dash, and mount in place.

If you would like to control the offroad lights with a factory upfitter auxiliary switch, disconnect the toggle switch adapter and replace it with the OEM auxiliary switch adapter. Connect the OEM Auxiliary Switch Adapter to one of your upfitter switch wires. Using the butt connector, crimp the factory wire to the adapter.

**NOTE:** Power will still be drawn from the battery for the Off-Road harness, so any upfitter switch wire can be used.

4. Connect the wiring harness to your factory fog light signal. Adapters are included for both factory halogen and factory LED fog lights. Connect one end of the adapter to your factory fog light power socket, and connect the other end to an output splitter, as shown on the diagram. If installing on a truck with halogen fog lights, tap the backlight wire to a fused 12v source to trigger the backlight feature. We recommend tapping the Blue/Grey wire on the headlight sidemarker light; T-Taps are included for this purpose.

**NOTE:** Power source must be fused. Do not connect directly to vehicle battery.

5. Connect the output wire from the offroad harness to the splitter on each side of the vehicle.

6. Connect the splitter to each pod. Make sure to connect the Fog Light output, marked with a red flag, to the SS3 Fog Light pod.

7. Secure all wiring, and test for function.

8. Reverse steps 1 through 11 to complete the installation.

## Fog Light Aiming Instructions

1. Park your vehicle 25 feet away from a wall or garage door on a level surface.

2. Loosen the 5/32" allen bolts on each side of your SS3 pods, just enough to allow you to adjust the pods.

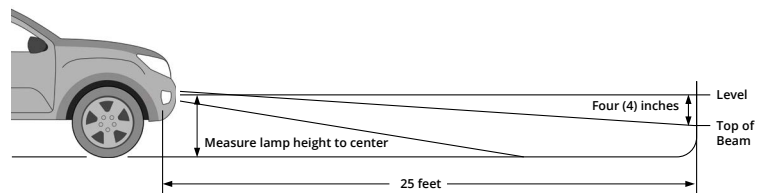
3. On your vehicle, measure the distance between the ground and the center of your SS3 pods. This is your mounting height.

4. Mark the mounting height on the wall or garage door using tape.

5. Add another piece of tape four inches below the mounting height. This is your fog light cutoff line.

6. Aim your SS3 pods on each side, so that the top of the beam pattern is on the cutoff line mark.

7. Tighten the 5/32" allen bolts back down to complete the installation. Do not overtighten or use power tools to torque them down.



**This installation guide is for the following SKUs:**

**DD7310** Ford F150 2021 Fog Pocket Kit Sport White  
**DD7311** Ford F150 2021 Fog Pocket Kit Sport Yellow

**DD7312** Ford F150 2021 Fog Pocket Kit Pro White  
**DD7313** Ford F150 2021 Fog Pocket Kit Pro Yellow

**DD7314** Ford F150 2021 Fog Pocket Kit Max White  
**DD7315** Ford F150 2021 Fog Pocket Kit Max Yellow