



Thank you for your purchase of our new Stage Series Reverse Light Kit for the 2021+ Ford F-150. This kit allows you to mount two LED pods under the rear bumper. Basic installation instructions are included below.



Please contact us if you have any questions.

This kit is designed to be activated with your factory reverse light and running light signals. The switch allows you to control the reverse light function. Leave the switch in the "1" position to activate any time your factory backup lights are turned on. The "2" position allows you to over-ride this, and turn the pods on at any time. Finally, "off" will keep the reverse lights off at all times.

If you don't plan on using the override function, you may want to leave the switch in the "1" position, and leave it in the engine bay.



1. Using a 13mm socket and ratchet, remove the factory bolts shown in the picture above on the underside of the truck bumper. Then install your new reverse light bracket onto the vehicle using the factory bolts.



2. Install the universal pod bracket onto the reverse light bracket using the provided hardware. Make sure that the curved portion of the bracket is facing towards the rear of the vehicle.

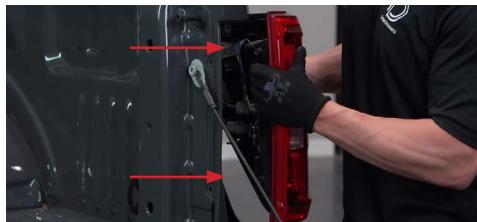


3. Install your new SSC1 or SSC2 pod onto the universal pod bracket using the provided hardware. Using a 5/32" allen-key and a 3/8" wrench, tighten the screw such that the pod retains its position, but can pivot with force for aiming.

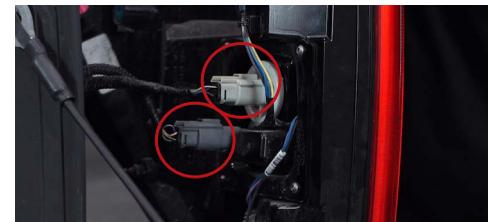
Repeat these steps on the other side of the vehicle.



4. Drop the tailgate to gain access to the two bolts located on the side of the tail light. Using an 8mm socket, remove the two bolts holding the tail light to the truck bed.



5. Remove the tail light housing by grabbing the top and bottom and applying force, pull outward.

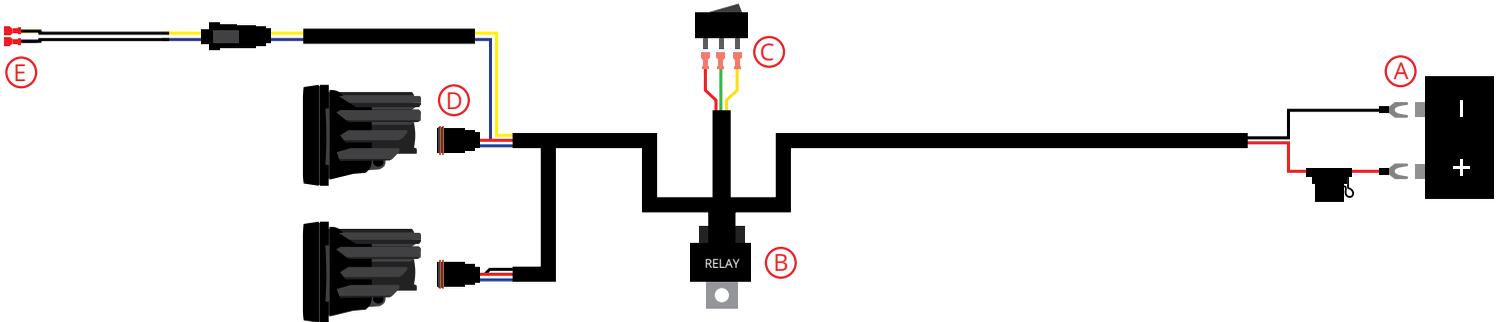


6. Disconnect the two connectors shown in the picture above from the back of the tail light.

See back for wiring instructions.

2021+ Ford F-150 LED Pod Reverse Light Kit

Wiring Instructions



7. Connect the split ring terminals on the wiring harness to the battery (A). The black (ground) wire should be connected to the negative battery terminal or a factory grounding point, and the red (power) wire should be connected to the positive battery terminal.

8. Determine a suitable location to mount the relay. (B) We recommend a location that is near the battery.

9. Determine where you would like to mount the switch. (C) If you plan on using the override function, you will want to mount the switch inside the cabin. This requires going through the vehicle's firewall. We recommend unplugging the toggle switch from the harness to route the wires more easily. Drill a 3/4" (19mm) hole for the switch. Then reconnect the wires to the switch and mount it.

10. Route the connector end of the wiring harness underneath the vehicle to your lights (D). Be sure to avoid areas with excessive heat buildup or moving parts. For this application, we recommend following along the frame rails to the back of the truck.

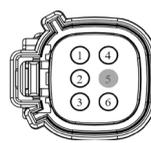
11. Route the power wires through the bed, along the tail light harnesses. (E)

12. Using the included T-taps, connect the yellow main beam power wire to the wire listed in the table to the right for reverse, and the blue backlight power wire for parking. Any power source must be appropriately fused.

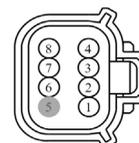
13. Plug the DT connector into the back of the pods (D). Aim the pods as desired. Then tighten down the hardware using a 5/32" allen-key and a 3/8" wrench. Aiming can be achieved with the pods installed on the vehicle. There is no need to remove the pods to re-aim.

14. Reverse steps 4 through 6 to reinstall the tail light.

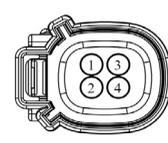
TRIM	FUNCTION	DRIVER TAIL PIN	PASSENGER TAIL PIN
LOW (Halogen) 6-Pin	Reverse	4	4
	Parking	2	2
MID (Halogen w/BLIS Radar) 8-Pin & 4-Pin	Reverse	6 (on 8-Pin)	6 (on 8-Pin)
	Parking	2 (on 4-Pin)	2 (on 4-Pin)
HIGH (LED w/BLIS Radar) 12-Pin	Reverse	4	4
	Parking	10	10



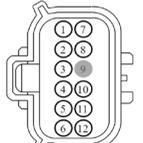
LOW
6-Pin Connector



MID
8-Pin Connector



MID
4-Pin Connector



HIGH
12-Pin Connector

Please contact **Diode Dynamics** should you have any questions about the installation or wiring process, at **314-205-3033** (10a-5p CST) or **contact@diodedynamics.com**.

This installation guide is for the following SKUs:

- DD4102 Universal Reverse Light Wiring Kit
- DD7374 SSC1 Sport Ford F-150 2021-2022 Reverse Light Kit
- DD7375 SSC1 Pro Ford F-150 2021-2022 Reverse Light Kit
- DD7376 SSC2 Sport Ford F-150 2021-2022 Reverse Light Kit
- DD7377 SSC2 Pro Ford F-150 2021-2022 Reverse Light Kit

NEED MORE HELP?

Scan the QR code to link to our installation video online!

We've taken the time to test our products on your vehicle. We can guarantee compatibility and fitment the first time - no guessing game! If you need more help with installation, watch our step-by-step video to walk you through the process.

YouTube



100% SATISFACTION
GUARANTEE

