



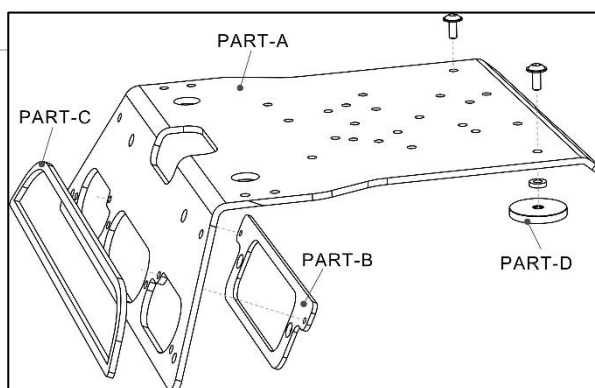
OP-SLK-F3L

Starlink Mini — Third Brake Light Mount Installation Guide

Compatible Vehicles

F-150 2015+	F-250 2017+	F-350 2017+	F-450 2017+	F-550 2017+
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Main Parts

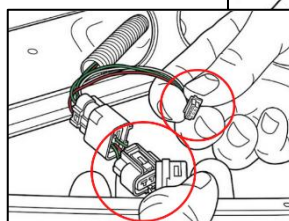
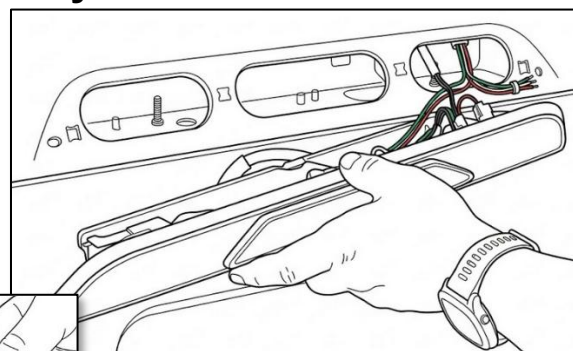


Step 1 — Remove Third Brake Light Assembly

1 Remove all four screws from the third brake light assembly and gently pull the light assembly away from the cab.

2 Press the release tab on the main wire harness connector and disconnect it. Repeat for the smaller connector. (As the Photos)

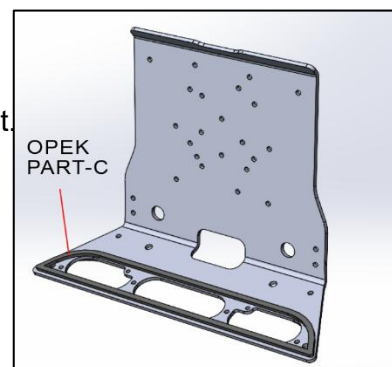
3 Set the third brake light assembly aside.



Step 2 — Prepare OPEK Starlink Mount Bracket (PART-A)

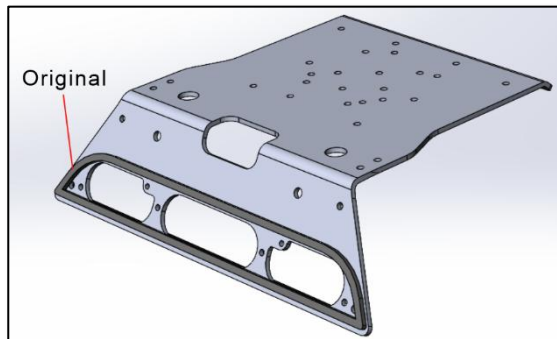
Gasket (Part-C) Installation:

1 Clean the powder coated mount with the alcohol pad and let it air dry. Remove and discard the center portion of the new gasket. Peel the backing from the gasket and apply it to the side of the Starlink Mini Mount Bracket that contacts the cab, positioning it around the perimeter of the three large third brake light holes.





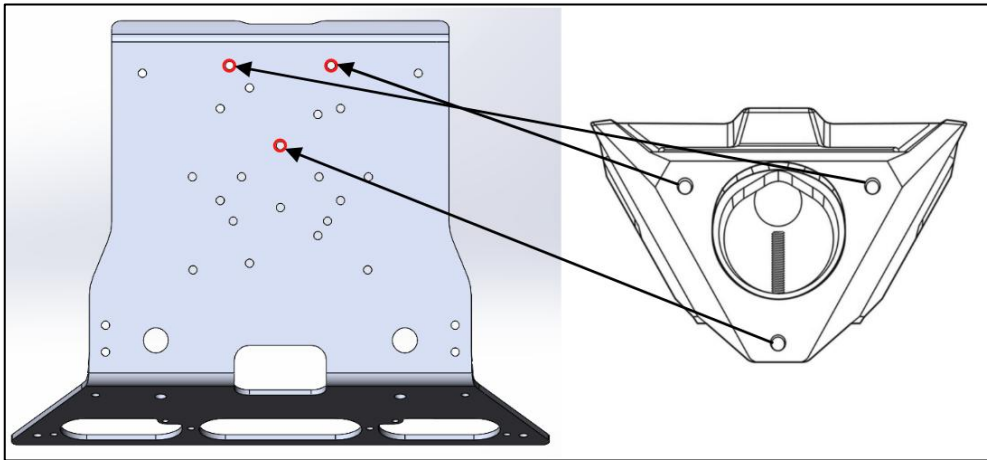
Note: The original, factory gasket will be reused between the third brake light and Starlink Mini Mount Bracket.



Step 3 — Attach **Pole Mount Adapter** to the OPEK Starlink Mini Mount Bracket

1

If you need to install NMO antennas: Locate the 3 holes in the Starlink Mini Mount Bracket that align with the mounting holes in the **Pole Mount Adapter**. (As the Photo)



NOTE The **Pole Mount Adapter** is included with the Starlink Mini Box

2

Align the **Pole Mount Adapter** with the OPEK Starlink Mini Mount Bracket and install using the supplied M6 screws, nuts, and washers.

Be sure to:

- Orient the **Pole Mount Adapter** so the wide end faces rearward and the two small teeth point upward.
- Install the screws with the socket heads on the **Pole Mount Adapter** side and the nuts on the underside of the Starlink Mini Mount Bracket. Do not overtighten.

NOTE Only space upfront for the NMO antenna when you install the Starlink Mini.

Step 4 — Install the Rubber Magnet Stand (PART-D)

1

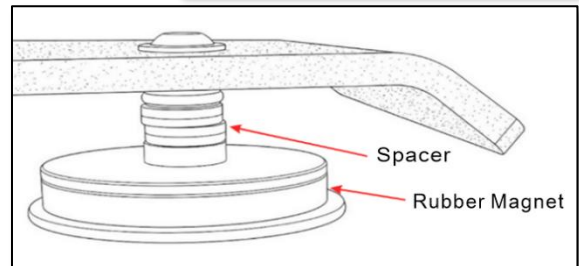
Mark the Metal Plate locations and wipe these areas of the cab with an alcohol pad.

2

Peel the Metal plate VHB tape backing. Once the VHB tape contacts the cab it will be difficult to reposition so it is best to get it correct the first time. When you get the right locations, press down hard on each one for about 60 seconds.

3

Install Magnet Stand: Place the flanged button head screws in the front corner holes, and slide 1 or 2 spacer on each one. Then thread on the small rubber coated magnets.

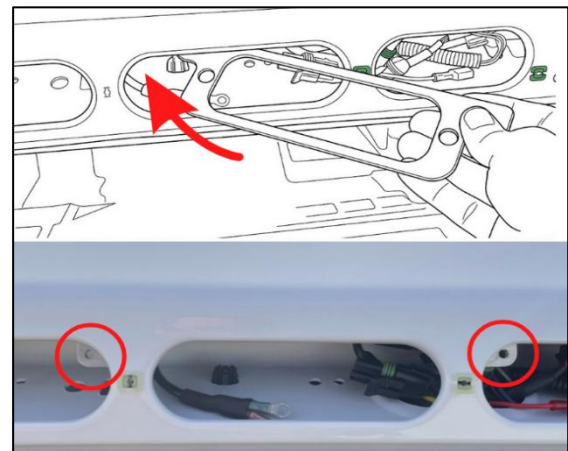


Step 5 — Install the Anchor Bracket (PART-B)

The small, uncoated Stainless steel anchor bracket must be installed before installing the Starlink mounting bracket. The anchor bracket installs inside the cab with the wider side facing up and is positioned using the two center third brake light nut inserts in the cab. (As the Photo)

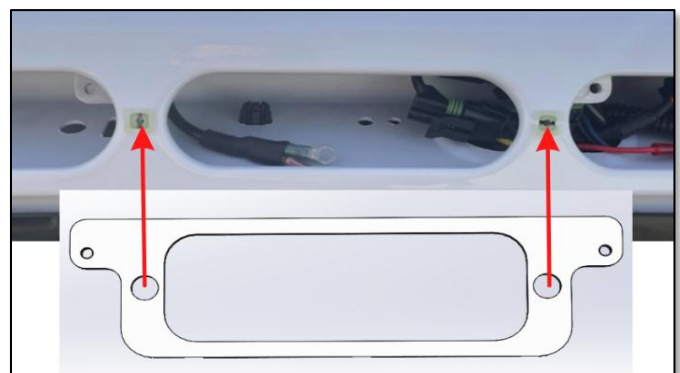
1

With the wider side facing up, slide the anchor bracket into the third brake light opening and center it. The center hole in the anchor bracket should align with the center hole in the cab.



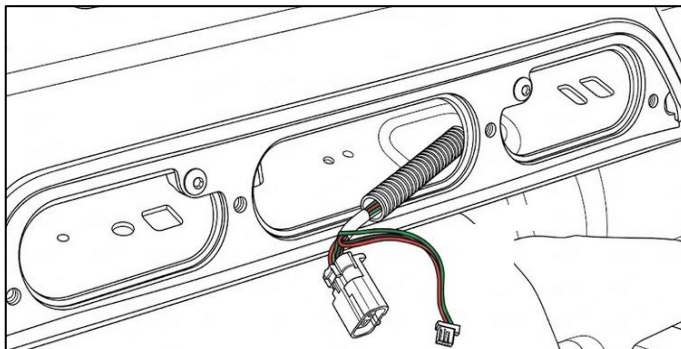
2

Align the anchor bracket so the two lower holes (the holes closest together) line up with the two center plastic nut inserts in the cab. Proper alignment is critical. Then, align mount and tighten the screws. (As the Photo)



3

Pass the factory brake light harness through the center hole in the anchor bracket and pull it outside the cab. (As the Photo)



Step 6 — Install the OPEK Starlink Mini Mount Bracket on the Cab

1

Ensure the anchor bracket remains in place (see Step 4), then align the OPEK Starlink Mini Mount Bracket with the cab and third brake light mounting holes.

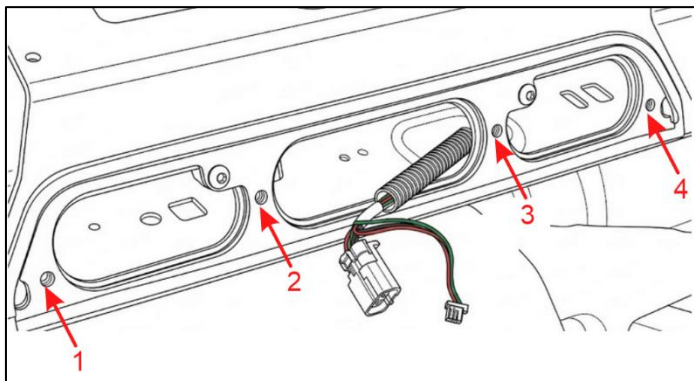
2

While holding the anchor bracket in place, hand-thread the two OPEK Starlink Mini Mount Bracket screws into the anchor bracket. Leave the screws loose at this stage.



3

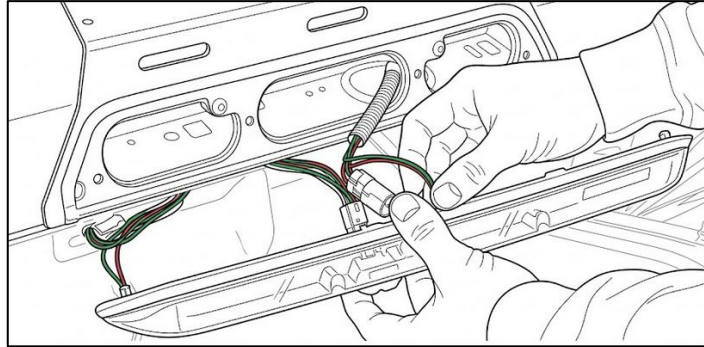
Verify that all four mounting screw holes of the third brake light are perfectly aligned with the PART-A mounting holes. Once confirmed, tighten the two Mount Bracket mounting screws.



Step 7 — Reinstall the Brake Light Assembly

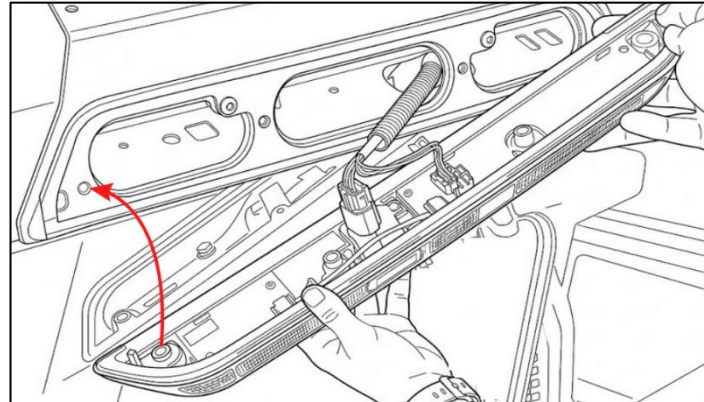
1

Reconnect both factory wire harness connectors, the main harness and the smaller secondary harness — in the same manner they were disconnected.



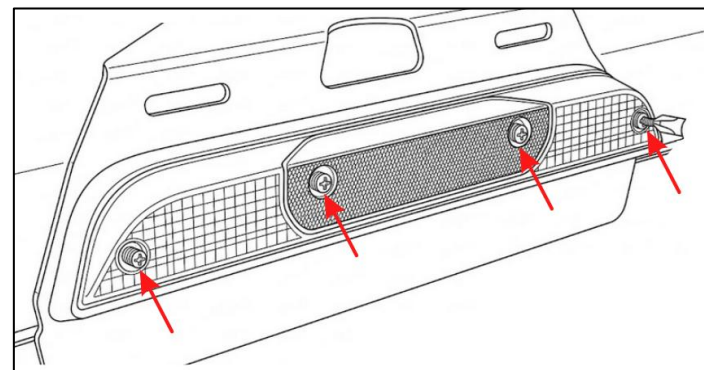
2

Align the two plastic locating prongs on the light assembly with the large holes in the recess, then seat the assembly into position.



3

Reinstall the four screws. As the screws are tightened, the gasket around the perimeter will begin to compress — this is normal. The gasket seals along both the front and rear of the assembly and must be fully compressed to create a watertight seal.



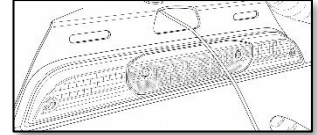
WARNING: Before finishing, visually confirm that the gasket is compressing evenly around the entire perimeter. Any gap in the gasket may allow moisture to enter the light assembly or cab.



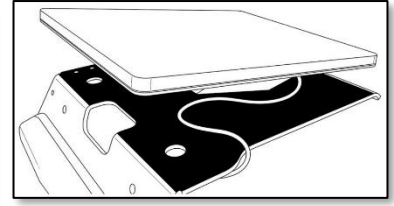
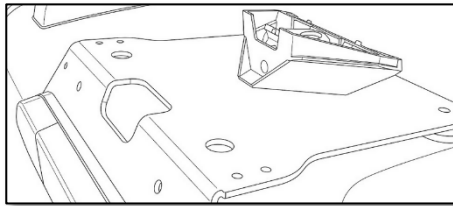
Step 8 — Connect and Mount the Dish

1 Route the 12V power cable up through one of the holes in the OPEK Starlink Mini Mount Bracket. Pull enough slack to connect the dish, then tuck any excess cable into the recess.

2 Locate the power port on the dish and connect the power cable.



3 Lay the dish onto the mount and slide it forward until it clicks into place. Verify the dish is locked by pushing it forward. If it does not move, the dish is secured. Tidy any remaining cable slack.



Note:

Additional gray Starlink Mini power cables, in 5m and 10m lengths, are available from OPEK dealers.

OPEK Model Numbers:

- | | |
|------------------------------------|---|
| 1. OP-SLK-DC (DC to DC Jack) | 3. OP-SLK-CIG12V (DC to 12V Power Plug) |
| 2. OP-SLK-HW5 (5 m Hardwire Cable) | 4. OP-SLK-HW10 (10 m Hardwire Cable) |

Starlink Mini Power Cable Routing

External Routing

Route down back of cab or through rear slider window.

The least invasive power cable installation can be achieved by:

- Routing the power cable down the back of the cab and under the cab, along the chassis, to the power source of your choice.
- Routing the cable through the rear slider window and to the power source of your choice.

Internal Routing

Route alongside the factory harness

For a cleaner and more permanent installation, the power cable can be installed alongside the factory third brake light wire harness. This is a more labor-intensive installation and may require lowering or removing the headliner.

WARNING: If routing the power cable internally (inside the cab) and through the third brake light gasket, always route the cable from the bottom up through the gasket. Never run the cable through the top of the gasket as this will easily allow water intrusion.