
2022 BMW i4 Tail Light Installation Guide (Laser Light Retrofit)

PDF References on i4Talk:

[* 1 Remove Luggage Compartment Trim Panels and Rear Lights.pdf](#)

[* 2 Removing and installing both rear lights of tailgate.pdf](#)

Part 1: Outer Tail Lights (Side Panel)

ASSUMPTION: Trunk floor and main cargo trims are already pulled back. Refer to existing amplifier install instructions/videos.

Step 1: Remove the Exterior Water Channel (Drip Rail)

This piece is located on the exterior of the car, in the gutter between the trunk seal and the quarter panel.

- The plastic tab at the bottom is fragile. You must generally pull the trim **upwards** relative to the slot to clear the locking tab before pulling it away.

- Overview of the water channel trim location.



- Close up of the top section of the drip rail.



- The metal tab/slot where the trim must slide up to disengage.



- This shows what happens if forced backwards—the plastic tab can snap if not lifted correctly.



Step 2: Unbolt the Outer Light

- **Note:** On the left side of the vehicle, this nut is located just above the RAM, on the right side it's just above the fuse box assembly. Use a 10mm deep socket, being careful not to drop it.

- Location of the securing nut on the left side.



- Location of the securing nut on the right side (above fuse module) – suggest to pull back on the felt trim for easier access (especially if you're a righty).



- View of the threaded posts from the rear.



Step 3: Disconnect and Remove

- Unlock the plug connection and disconnect it. Slide the rear light unit out towards the rear of the vehicle. These connectors have a red locking tab that must be slid back before the black tab can be depressed to release.

- The connector in the locked position.



- The connector with the red tab pulled back (unlocked).



- The new Laser Tail Light unit ready for install.



Part 2: Inner Tail Lights (Tailgate) – Trim Removal Extravaganza

Step 4: Remove Upper Window Trim

- Start at the top center of the rear window. Unclip the trim piece covering the third brake light and antenna modules. I pulled from the 'roof side' of the trim.

- Top trim removed, exposing the diversity antenna modules.



- Left side wiring detail (antenna/defroster).



- Right side wiring detail.



Step 5: Remove Side Window Trims

- **Action:** Remove the T20 screws holding the side window trim. Then, detach the tabs and unclip the trim.

- Location of the T20 screw securing the side trim.



- Backside of the removed trim, showing the white clips and alignment pins.



- Close up of the trim tabs.



- The slots on the tailgate where the trim tabs and clips insert.



Step 6: Remove Tailgate Switch & Triangle Holder

- Pry out the automatic tailgate switch. The tailgate switch connector uses the dumb BMW teeny tiny release, when you finally get it, depress the tab to release.



- Two T20 screws hiding inside the warning triangle recess.



Step 7: Remove Main Tailgate Panel

- Release the clips around the perimeter of the large tailgate trim panel. Feed the panel out over the latch striker

- Detail of the T20 screw location on the outer edge of the trim.



- The main panel fully removed.



Step 8: Remove Inner Light Unit

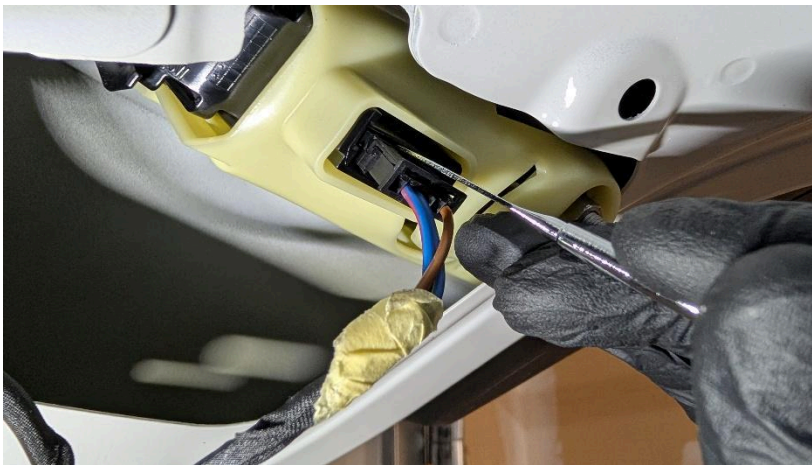
- Disconnect the connector and loosen (not remove) the nut on the "clamping claw" (the bracket holding the light).

- **Removal:** Slide the light unit out sideways/outwards from under the trim lip.

- The connector attached to the inner light housing.



- Using a small pick or screwdriver to depress the tab and release the connector.



Step 9: Installation & Reassembly

- **Inner Light:** Insert the new light. Tighten the clamping claw nut.
- **Outer Light:** Tighten the securing nut.
- **Trim:** Snap all trims back in reverse order. Ensure the main tailgate panel screws are tightened.