

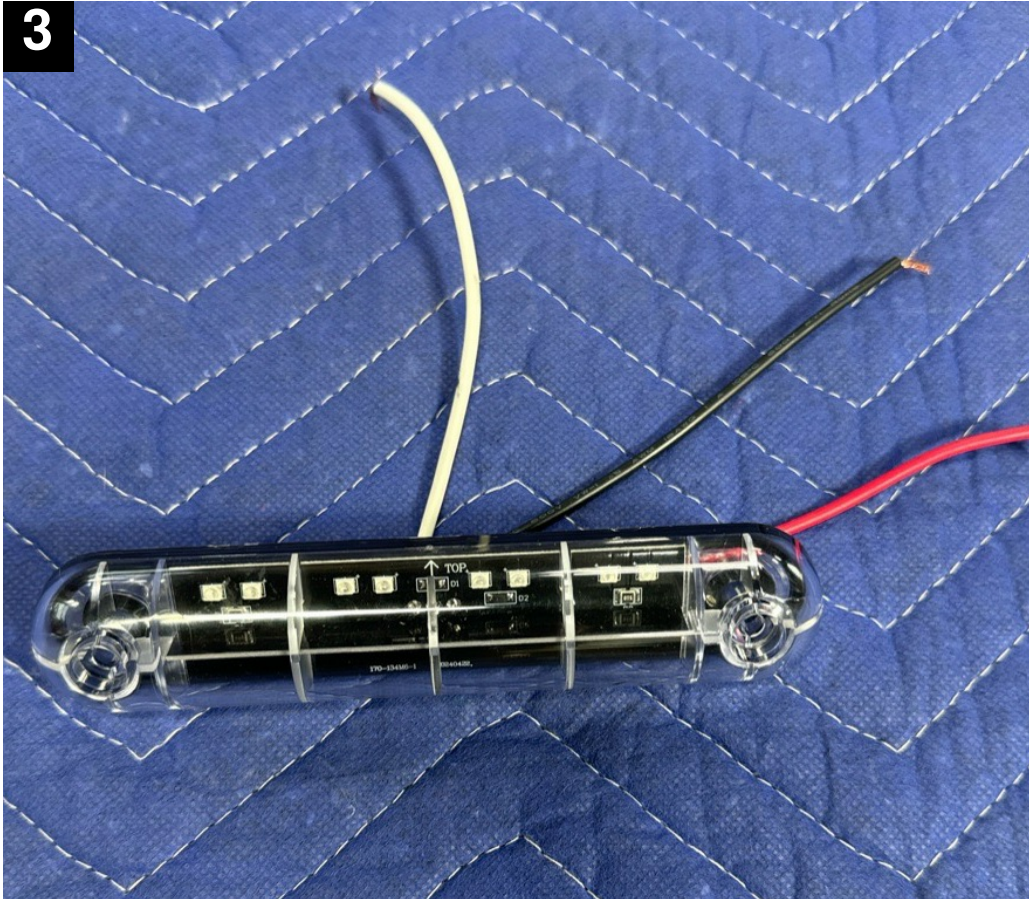
**1** Included Parts: Light Spacer, two-piece carrier side bracket, light/plate mount



**2** (2) 1/4-20x1" button head bolts, (4) 1/4-20x3/4" button head bolts, (6) 1/4-20 serrated flange nuts, (6) 1/4" USS flat washers, (2) 8-32x1.5" button head screws, (2) 8-32 Nyloc nuts, (1) 3/8-16 carriage bolt, (1) 3/8-16 wing nut, (1) 3/8 split lock washer, (3) male heat shrink connectors, (3) female heat shrink connectors



3



Combination License Plate/3rd Brake Light: White/Ground (-), Black/Plate Light (+), Red/Brake Light (+). Using your discretion you will need to locate a good ground and power source for each lighting feature from the vehicle.

4



Begin by installing the inner mounting bracket half over the tire mount studs on the carrier.



The tire can then be installed over the mount and secured.



Next install the outer bracket half as shown, secure it using the 3/8" carriage bolt, split washer and wing nut.



**7** Secure the Light/Plate Mount to the bracket using the 1-1/2" long button head bolts and serrated nuts in the holes shown. Tighten using a 5/32nd hex/allen wrench.



**8** **NOTE:** If the mount is being installed in conjunction with one of the optional camera relocation kits, the camera brackets will bolt between the plate mount and carrier mount brackets using the 1-1/2" long hardware. (camera bracket varies by vehicle model)



9



Pass the wires through the center hole in the light spacer.

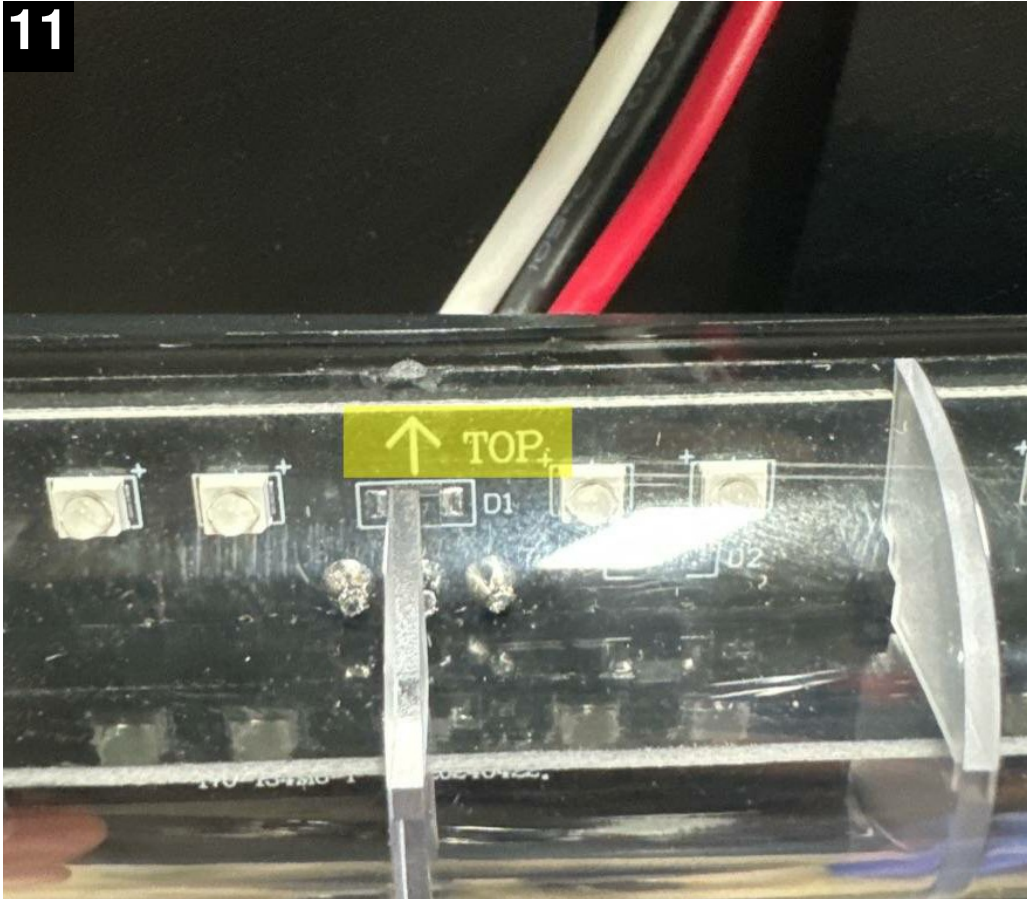
10



Then pass the wires through the wire hole/cutout on the mounting bracket.



11



Be sure that the top of the light is facing up as indicated on the light.

12



Secure the light to the mount using the 8-32 hardware as shown. Tighten these using a 3/32" allen wrench and 11/32" socket or wrench.



13



Install the crimp on butt connectors. You can choose male or female at the light and the opposite on the vehicle wiring side.

14



Once crimped, heat shrink the ends using a heat gun.



15



With all connectors crimped and heat shrunk they can be sealed and secured in loom to your preference.

16



The remaining 1/4" button heads, nuts, and washers will be used to secure the plate to the mount.





# Universal License Plate Relocation Kit Install

Feedback?



17



Completed installation shown.

18



Completed installation shown with **optional** 4Runner camera mount.



## 19 4Runner 360 Camera Relocation Wiring

Between body and hatch

Five wires in a black sheath – (shown as a gray sheath in the install video.)

- White – Connect to the white wire at the camera connector.
- Green – Connect to the brown wire at the camera connector.
- Black – Connect to the black wire at the camera connector.
- Red – Connect to the red wire at the camera connector.
- Bare – No connection

Twisted red and white wires – connect to twisted blue and white wires at the camera connector. Red to blue, white to white. We recommend slightly twisting the wires running to the carrier as well to help with any interference.

The green wire for license plate wiring is the same size as another green wire in the harness. (It is mentioned as larger in the video.) We recommend metering it to verify it has 12v when the vehicle lights are on and 0v when the vehicle lights are off.

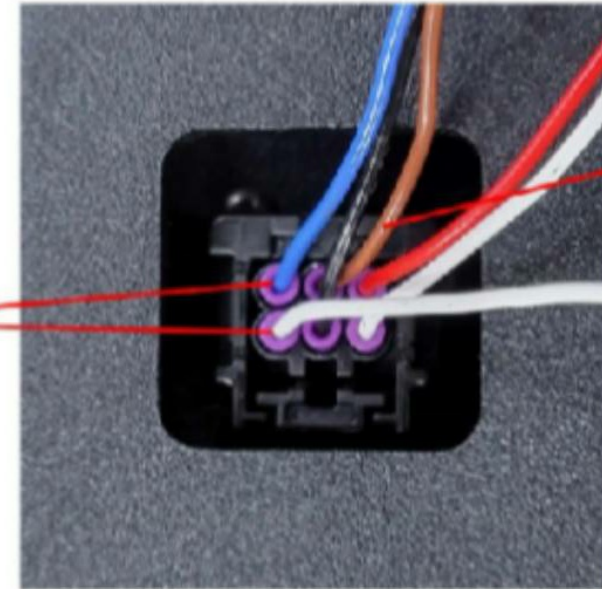
The large white ground wire has a black stripe.

**Wires at the camera connector** - Twisted blue and white wires, black, brown, white, red.

\*Only applicable to 4Runners with 360 camera\*

## 20 360 Camera Connector

Connect to  
d and white  
wired wires  
at hatch



Connect to green  
wire in black  
sheath at hatch

All other colors match colors of wire in black sheath at hatch

\*Only applicable to 4Runners with 360 camera\*



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If you have any questions or concerns please reach out to us.

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