

Installation Instructions

For questions or further help:

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T4R3 Ditch Light Brackets (1996 – 2002 Toyota 4Runner)

Tools:

- Philips screw driver
- 10mm socket
- 12mm socket
- 13mm socket
- Pry tool (Flat head screw driver works as well)
- Razor blade (Utility knife works the best)

Hardware:

- (4) 8mm X 30mm X 1.25mm
- (4) 3/8" SAE washers



1. Remove wiper blades
 - a. Using pry tool, pop the top cap at the base of the wiper blade



- b. With the 12mm socket and tool driver of choice, remove the nut



- c. Remove both wipers (Mark driver and passenger side wipers so you get them back on the correct side.)

2. Remove cowling

- a. Using the Philips screw driver remove the 9 screws that hold the cowling on



- b. Open the hood of the vehicle

- c. Remove 4 plastic pins near the engine side of the cowling



- d. Remove the cowling

3. Loosen driver's side fender

- a. Remove top 4 fender bolts with 10mm socket



- b. Gently lift fender seam

- i. You may need to loosen adhesive build up on bottom of seam



- c. Lift fender piece at seam with your hands and pull back enough to access the bolts that hold the hood hinge down



i. DOORS MUST BE OPEN DURING THE ENTIRE INSTALLATION PROCESS

- 4. Remove hood hinge bolts using 10mm socket
 - a. Tip: Have someone hold the hood while you do this. It will likely shift once the bolts are removed



- 5. Install driver's side bracket
 - a. Use the light bracket with the "L" cut into it. This signifies the left or driver's side bracket
 - b. Take the light bracket and lay it over the hood hinge



- c. Use (2) 8mm bolts with (2) 3/8" washers and thread by hand into the holes

- i. Get bolts hand tight for now



- d. Visually check for clearance around the hood hinge and the hood
 - i. Make adjustments if necessary to not contact hinge



- 6. Replace driver's side fender
 - a. Put fender back to original position
 - b. Check for clearances around the bracket
 - i. Install one bolt to hold fender in original location



- c. Shut door **SLOWLY** and check body line clearance and evenness



d. DO NOT SHUT HOOD

- i. Slowly lower and check body line clearance and gaps
 - ii. Then lower hood completely
 - iii. Check front hood and driver's side door body lines
 - iv. Adjust as necessary
- 7. Tighten all bolts down
 - a. Tighten driver's side fender down
 - b. Tighten ditch light bracket down
 - c. Check for body line clearances one more time
- 8. Repeat process for passenger side

*It is recommended to install one ditch light bracket at a time to maintain more easily all of the body line alignment and clearances. If this is followed there will, in most cases, be no need to make adjustments for body lines clearances.

9. Trim hood cowling

- a. Mark as shown in the picture.
 - i. 4th rib over mark 1 ¾" up from the engine side
 - ii. Mark diagonal line to the corner shown



- iii. Cut with razor blade or utility knife



10. Re-install hood cowling following disassembly instructions from above