

# Single Tube Light Mount

## Install Instructions

The single tube light mount was designed for use on '17 up Raptor and '15 up F-150 to easily bolt on a lighting option with multiple use configuration possibilities.





1. Remove the bolts that hold the stock skid plate assembly and save them. The main lower skid plate needs to be removed to do this installation.



2. Remove the single bolt in skid plate front support bracket in the picture. Again, save the bolt as you will re-install this near the end of the project.



3. Remove rubber/plastic ring that is on the stock bumper where the tow hooks are. Careful as there are clips attached.



4. If you wish to keep the rubber tow hook rubber/plastic covers, you will have to modify the holes to slide over the light mount sleds and cut them to slide over light bar mount.
5. Remove the stock tow hooks off bottom of the frame and save the parts.



6. If you decide to keep rubber guards and have modified them slide them on the light mount sleds now otherwise you will have to remove the light mount again to do so.
7. Bring the light mount up to the truck and match the holes in the sled of the light mount to where the tow hook bolts came out. Make sure you line up the nut assembly

because it will be loose after you remove the tow hooks. You may need a second person to help you hold it for this step, or some jack stands to help hold the light mount in place.



8. Put in the rear most bolt without the tow hook to help hold the mount while you align. The tow hook has a slotted hole in the rear so you can slide it over the bolt while loose and then put in the 2<sup>nd</sup> front bolt but don't tighten.
9. Slide the tow hook over the rear bolt in the middle of the sled and put front stock bolt back in, thread but do not tighten. (See pictures next page)



10. Do the same for both sides of the truck.
11. Put all bolts in and do not tighten. Snug, but so you can still move the mount to ensure it is straight to the front of the truck before you tighten anything.
12. Once you have noted that it is straight to the front of the truck by matching the gaps to the front of the truck to the light mount, tighten the bolts. \*\* Note: this is a good time to check for spacing on all lights you wish to install. There should be plenty of room but always check before tightening all bolts.



13. Wire lights up to accommodate your needs. Most utilize the factory up fitter switches (Raptor only) in the center of the roof section. Be careful to check the amp draw of the lights you selected and make sure the switch circuit you use has enough power to accommodate the lights you are putting on that switch. In many cases you may need an external relay to provide the power to the lights and use the switch in the truck just to trigger power to the relay. If you don't have up fitter switches in your truck you will need to find an aftermarket solution.
14. Once you test the lights and ensure they are working as desired, secure them with zip ties.  
Find the front skid plate mount tab removed in step 2 and re install them on the frame.
15. Put the factory skid plate back on the truck and re-tighten the bolts after installed.
16. Enjoy the bright trails with your new Single Tube Light Mount from Foutz Motorsports!