2021-23 F-150 MKII PALADIN INSTALLATION

STEP 1

Remove the plastic valance.

Use a pry tool or a small flat head screwdriver to pop up the tabs. Once the tab is popped up you can remove this piece.





STEP 2

Remove the lower plastic trim piece by removing two seven 7mm size bolts from the two sides of the plastic trim piece.





Once these bolts are removed pull this trim piece away from the truck carefully working from what side of the truck to the other. There are clips that are holding the front of this plastic trim piece into place.



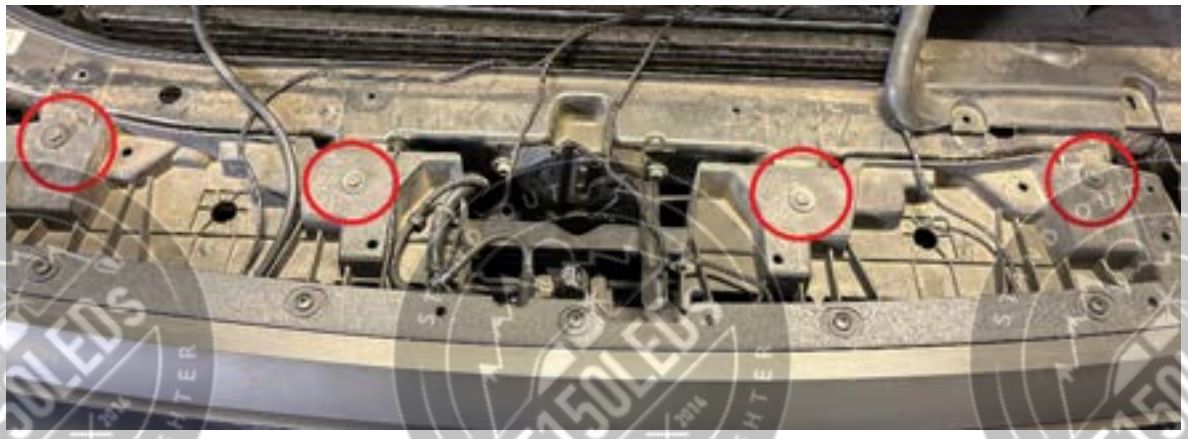




Once this trim piece is removed, set it off to the side somewhere that the paint will not get scratched.

STEP 3

Removing the grille. To remove the grille, first there are four 10mm bolts that need to be removed at the top of the grille.



Secondly, there are two 8mm bolts located on the bottom of the grille on each side of the truck that need to be removed.



Before removing the grille, if you have a front camera or windshield wiper fluid line, be sure to disconnect them before pulling away the grille.



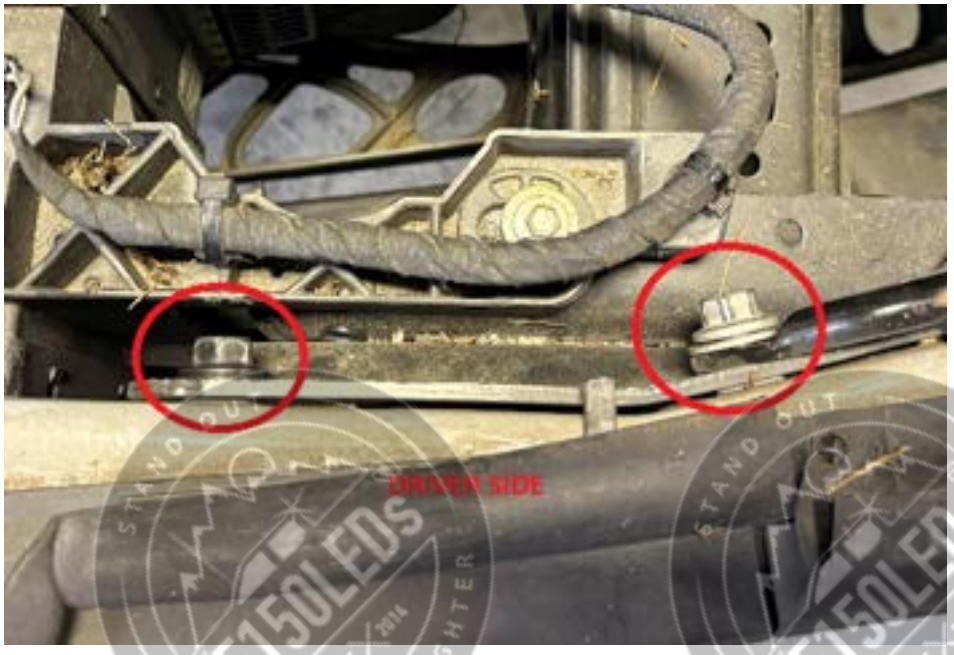
Once these bolts and push tabs are removed, we recommend pulling the grille away from the truck by grabbing the outsides of the grille and pulling away from the truck.

Once one side has popped loose, work across the trucks grille to completely remove the grille, then place the grille somewhere the grille will not be scratched.

STEP 4

Once the grille is removed, behind the bumper there are two size 13mm bolts that need to be removed from the driver side and two on the passenger side that need to be removed also.





STEP 5

Use these removed 13mm bolts to mount the mounting brackets securely to the truck.





STEP 7

Reinstall the grille to the truck.

STEP 8

Before reinstalling the valance to the truck, run the tri-connector from the Paladin light bar to the wheel well area.





STEP 9

Reinstall the valance with the wire from the Paladin light bar going inbetween the bumoer and the valance.



STEP 11

Take the L brackets and use the included hardware to mount the L brackets to the brackets that were installed in step 5.

Note: the L brackets are passenger/driver side specific. The L brackets angle slightly in at the front of the bracket.

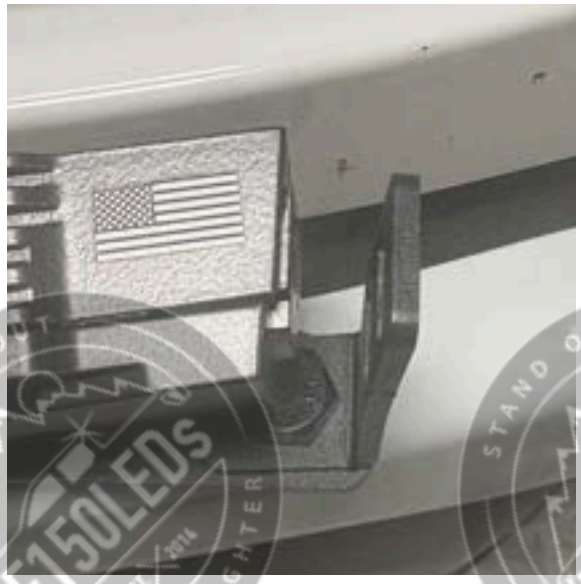




Repeat on the driver side.

STEP 12

Use the provided hardware to mount the bar securely to the truck. **Note: If the bar has a gap between the L bracket and Paladin light bar you can loosen the 13mm bolts and slide the mounting brackets closer together.**







STEP 13

Connect your wiring harness to your battery.
Remove the nut on the positive terminal of your battery and slide the red positive terminal ring over the bolt then tighten the nut back into place.
Remove the nut on the negative terminal of your battery and slide the black negative terminal ring over the bolt then tighten the nut back into place.



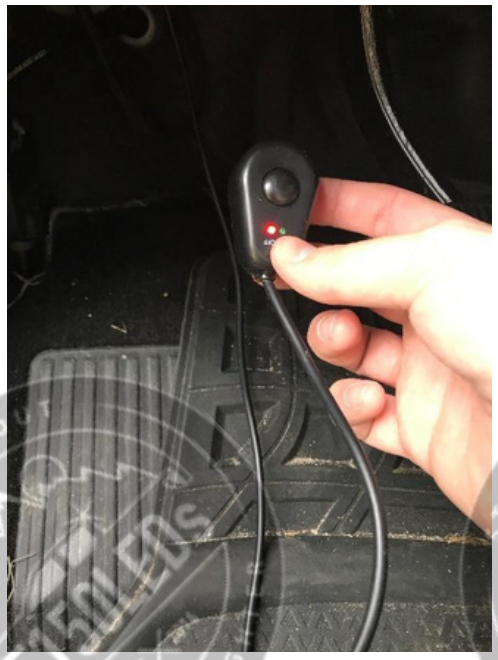


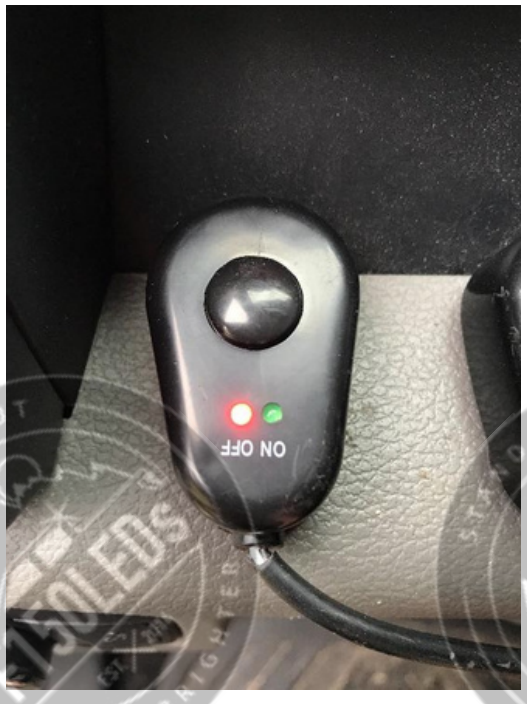
STEP 15

If you are running a switch into the cab, run the switch past the rubber grommet seen in the photos below. Once you pass the switch through this grommet it will appear at the driver's side footwell. Pull the switch under the steering colum and mount it on your dash area that you prefer most.



This can be done with the premium switch option as well





STEP 16

If you are utilizing your trucks Aux switches, use the Aux switch wire from the kit (Red or Blue). Connect that to the Primary light conection of the wiring harness for this kit (White connector with blue wire in the center). Then locate your trucks Aux switch connection wires and using the include T-clips, tap into the Aux wire corresponding to the switch you would like to operate the bar.

You can also connect the backlighting option to your Aux switches, the backlighting connection on the wiring harness is a white connector with a white wire in the center.







STEP 17

If you are connecting the backlighting to the front marker light, run the white connector from the harness down from the engine bay to the passenger wheel well.



STEP 18

Remove the three screws seen in the photos below to be able to push your wheel well liner out of the way.

Using a size 7mm socket or a phillips head screwdriver remove the screws in the photos below





The first two screws are located right inside the wheel well, and the screw connecting the wheel well liner to the trim piece is at the top of the wheel well.

Once you have removed these screws, push the wheel well liner out of the way to gain access to the front marker bulb.

STEP 19

Reach behind the wheel well and remove the front marker by turning the socket counterclockwise. The front marker will have two wires coming from the socket; the black wire is ground and the other wire is power. Use the provided T-clip to connect the backlighting to the power wire of the front marker socket.





STEP 20

Reinstall the front marker into the headlight housing and put the screws back in the wheel well liner.

STEP 21

Run the tri-connector from the wiring harness from the engine bay down to the passenger wheel well then connect it to the tri-connector coming from the Paladin light bar.



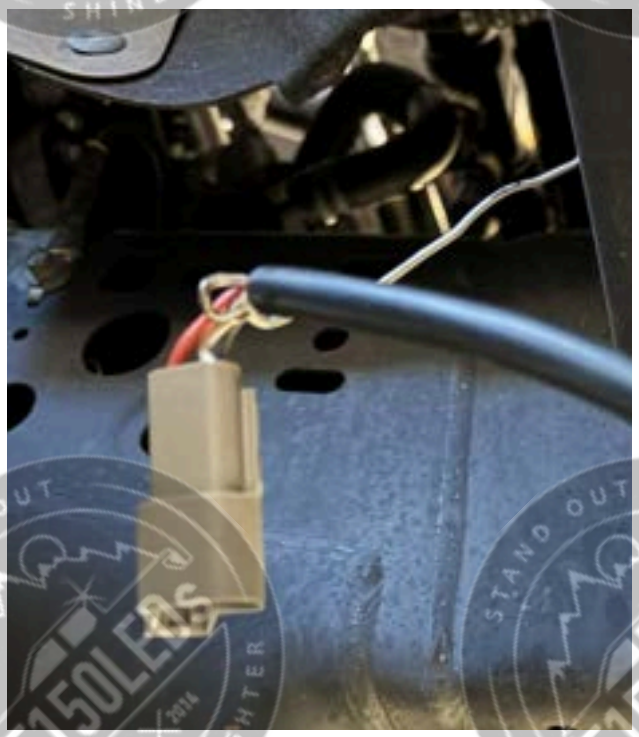


STEP 22

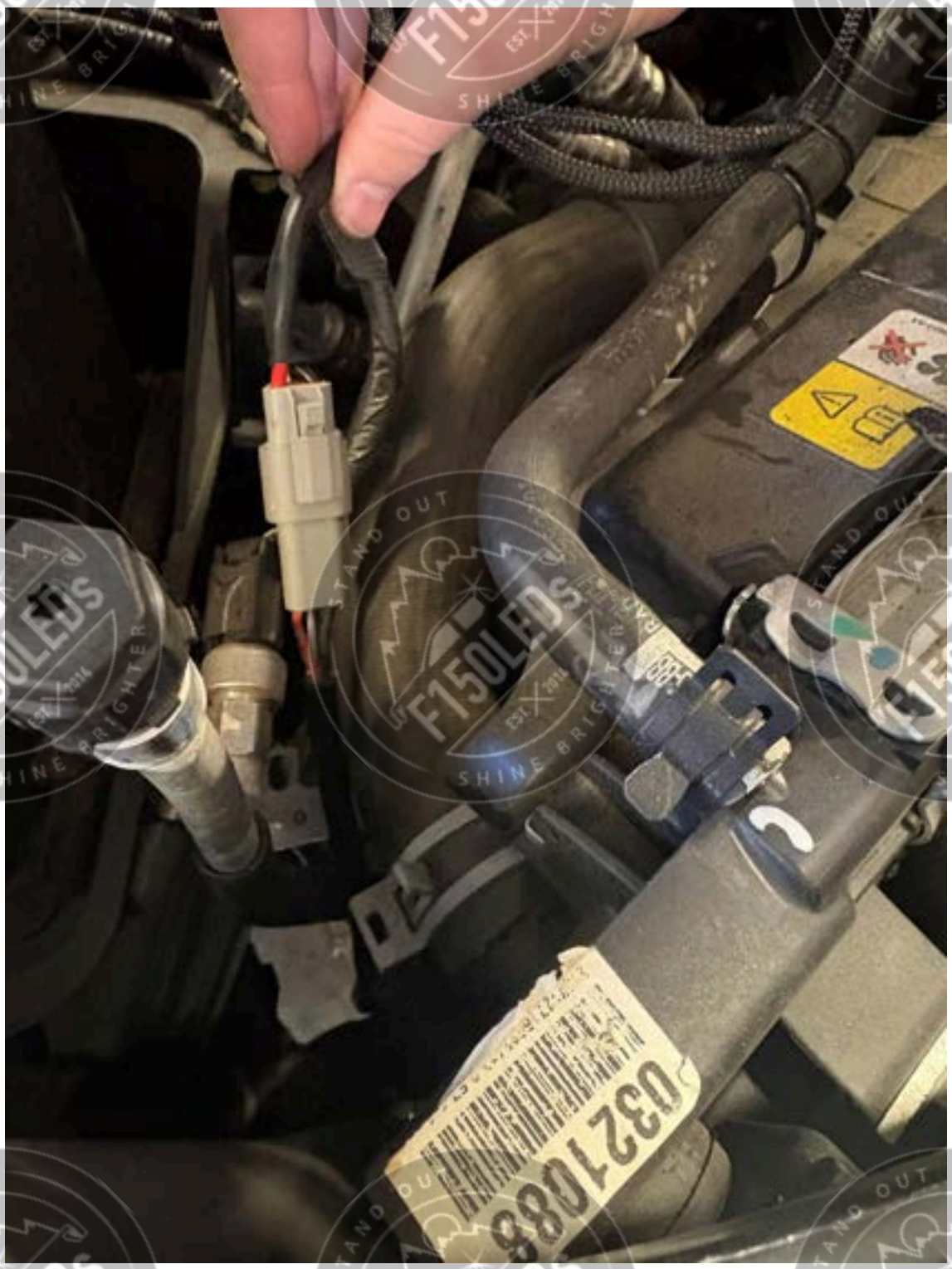
Alternatively, you can run a coat hanger down from the engine bay area, loop it around the tri-connector from the Paladin light bar and pull the tri-connector into the engine bay area and connect it to the wiring harness there.










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STEP 22

Reinstall the plastic valance at the top of the grille then use the included zipties to make sure that the wiring around the wheel well area is secured to where it will not be rubbing or getting caught in the tire. Use the rest of the zip ties to secure any excess wiring in the engine bay so that no wiring is dangling freely in the engine bay.



Text for support: 706-214-2618
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