



RECON Ford 5-Piece LED Cab Roof Light Installation

PART #'s: **264143AM** (amber lens), **264143BK** (smoked lens), & **264143CL** (clear lens)

This document covers the installation of RECON Truck Accessories 5-Piece LED Style running lights on a 2005 Ford F250 Superduty that DID NOT come with factory installed running lights on the roof. You must supply the wiring harness which can be procured at any Ford dealer nationwide & many auto parts stores located throughout the country. You can also improvise and make your own "harness" by simply getting approx 7 feet of wire to run down the pillar and splice into the positive parking light lead on the fuse panel while grounding the negative wire coming off each cab light to the screw you used in the roof to hold the cab lights in place.

RECON offers three different color lenses: Amber, Clear, Smoked

RECON 5-piece Ford LED Cab Roof Light Kit Boasts the Following:

- Provides Maximum Visibility
- Meets DOT & S.A.E. specifications
- Replaces entire factory cab lights if you choose to replace the entire factory unit
- Super Bright Amber ¼ watt LEDs
- Kit is universal & can be installed on nearly every make and model of vehicle
- Great-looking Retail-Friendly Packaging

The light kit comes with everything required to install, except it is also recommended that you apply a little silicone/sealant to ensure a lasting seal around the holes & wires if you are installing on a vehicle that did not come with factory installed cab lights as drilling is required.

Overview

The installation takes approximately 2 to 3 hours and can be broken down into 4 main steps:

1. Drop front part of headliner
2. Measure/Mark holes for lights
3. Mount Lights
4. Wire Lights & Re-assemble

Installation Procedures for Factory FORD Clearance Lights

One of the options folks want when they purchase their truck, are factory clearance lights. As dealers charge to install them, many folks choose to do it themselves. All that's needed is a Ford wiring harness that comes installed in the roof of trucks with factory installed clearance lights. You may have to make a trip to a local hardware store such as Lowe's or Home Depot to get flat washers and Nylock 5mm nuts for the lights and a tube of clear silicone.



First thing you need to do is cover your dash to keep shavings and stuff from falling into your interior. You have to take down the front of your headliner to access the area for the cab lights and to remove and install the harness. Remove the plugs on the handle on the passenger side and then remove the (4) bolts holding the handle on.... required a 5/16" socket.

Once the handle is removed, pop the pillar cover off. To get it out tilt towards the drivers side and wiggle. It will come out! Same thing with driver's side.



Now you need to remove all the screws that hold the visors parts in....

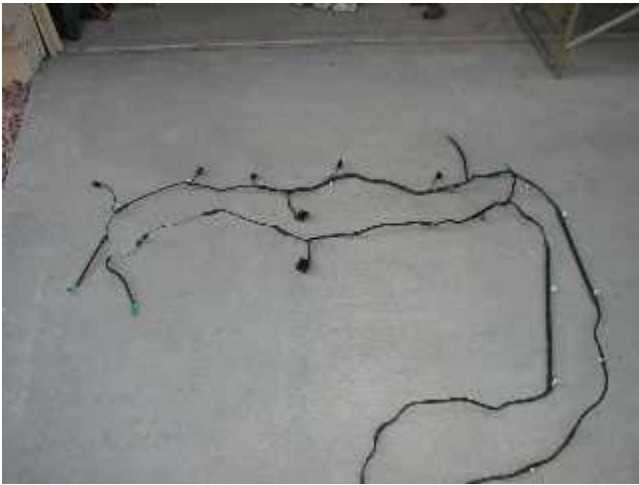
If you have lighted vanity mirrors, be careful of the wiring that runs inside the visor mount. Just disconnect the plug and you are good to go.....



Be patient with this step. Gently tug on the plastic cover for the overhead console to pop it loose. It sounds like it's breaking apart, but it's just the clips coming loose. Leave the inner portion attached. You can work around it!

There are two additional plastic clips that hold the headliner in the front. Wiggle and rock them to get them out... they don't like to come straight out. Once you get the headliner loose in the front, reach in there and pop the plastic rivets that hold the harness in...the harness originates in the passenger kick panel.





Here's a good comparison of the wiring harnesses. You see the additional nodes on the right picture. Those are for the clearance lights. You will have to remove the passenger kick panel and really fight the plastic rivets behind the glove compartment. They will finally give up the fight. You do not have to re-rivet the portion of the wiring harness that runs down the kick panel. It can be very difficult to get your hands in there.

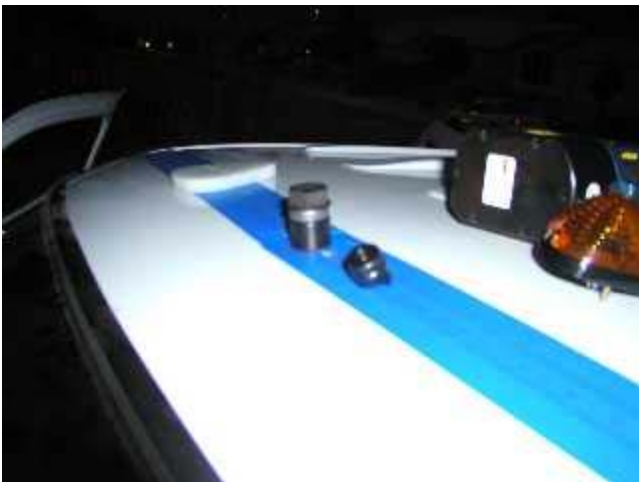


Next comes the very important part... measuring! Just trying to find center on the weird shaped roof can be a challenge. Once the center is determined we used the following measurements:

- All lights 5.5" from windshield rubber to center of plug hole of light. (7/8" hole)
- The lights on either side of center are 8" to hole center
- The next lights out are 13" to hole centers.



You can make a template out of nylon to make it very easy to set the holes in the exact location. Then use a center punch to indent for drilling. The tape is used to reduce the flaking of the paint during the drilling process.



Then use a Knock Out (7/8") tool to make the center holes for the lights. The outer holes for the studs are drilled to 1/4" to provide some fudge room. Keep the shop vac hose handy to vacuum the shavings as you go along.

Here's where everyone gets excited and just has to put the lights in as they proceed and give them a try. Three down, two more to go!



The last thing to do is pop the harness rivets back in place, put the headliner back up, visors, pillars and final clean up. And getting all the grease pencil markings off the roof!

