

2011 & 2012 Ford Super Duty 20" E-Series/SR Series Installation Instructions



Wiring Instructions For Factory Upfitter Switches:

****Always disconnect battery before servicing any fuses or electrical system****

The following instructions are for installation & wiring for 2011 Ford Super Duty equipped with OEM Upfitter switches.

**If your vehicle was not equipped from the factory with the Upfitter switches, they can be purchased through your local Ford dealer along with the associated wiring harness.*

***A universal wiring harness is included that can be modified for trucks without Upfitter switches.*

Step 1

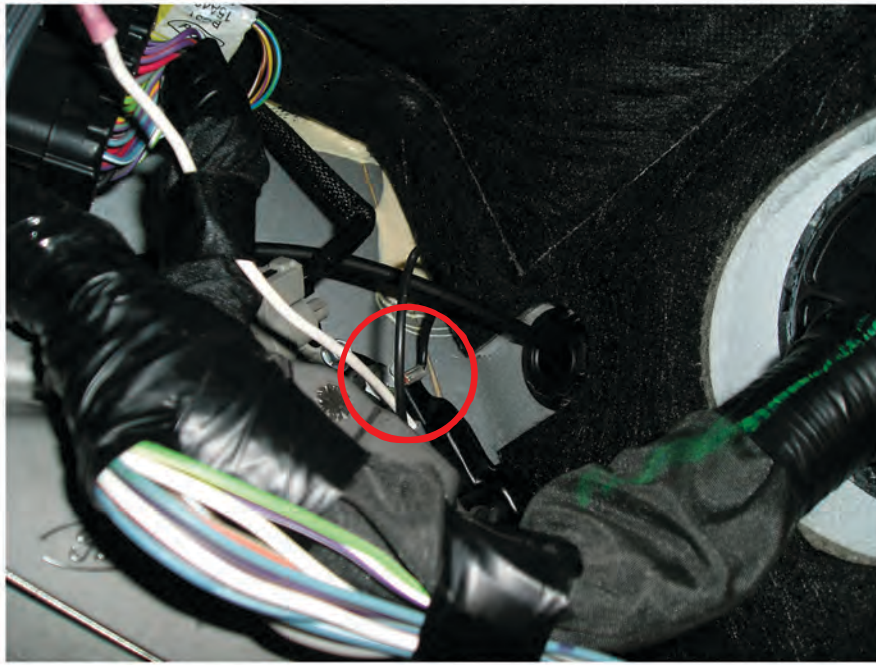
Identify Upfitter wiring harness, located near driver's side kick panel, above emergency brake pedal. This is where you will obtain power for the 20" E-Series lightbar



- Switch 1 – Yellow (20A fused) – Recommended location for 20" E Series Rigid Lightbar
- Switch 2 – Green with Brown Stripe (20A fused)
- Switch 3 – Violet with Green Stripe (10A fused)
- Switch 4 – Brown (15A fused)

Step 2

Suggested grounding location is shown highlighted in the photo below



Step 3

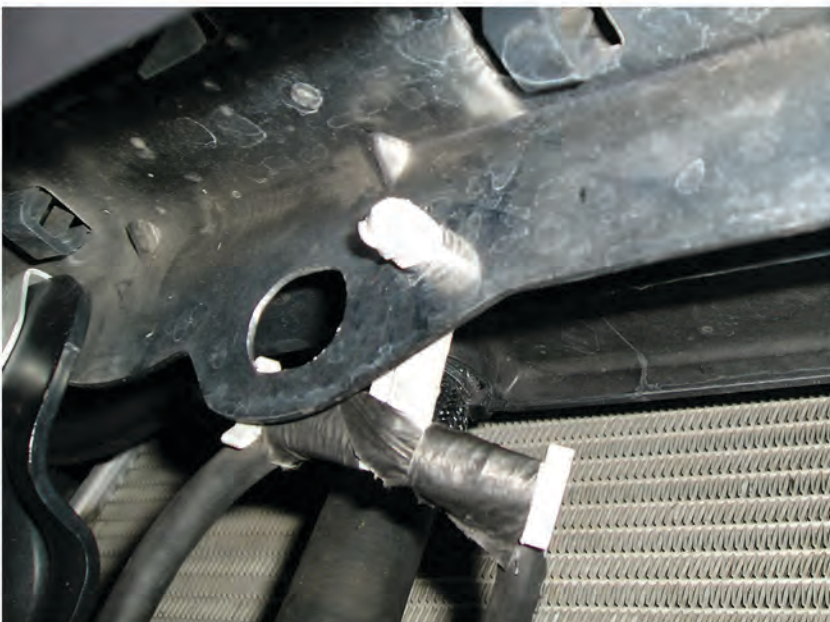
Locate a suitable location in the body to pass wiring harness for E Series Lightbar through vehicle cab. Ensure wiring is routed to prevent chafing.

Step 4 Mounting of Light Bracket

The bracket supplied with this kit has been designed to use pre-existing holes already located in the bumper from the factory, so **no drilling is required**. When installing the bracket, it is critical to leave all bolts slightly loose until the final step. This will greatly aid in proper positioning of the light & bracket.

****Note, on vehicles equipped with the factory engine block heater****

The wiring harness for the engine block heater will need to be relocated slightly in order to utilize the factory hole for the E Series Lightbar bracket. Relocate block heater harness to suitable location.



Install supplied clip onto this location after harness is removed & relocated.

Also install supplied clip into corresponding location on driver's side

These will be the locations where the bracket will bolt to in the rear

Step 5

Install supplied fastener clips (2ea) into top section of bumper opening as indicated in photo below

This will be where the bracket bolts to in the front



Step 6

Install bracket using supplied hardware making sure all bolts are slightly loose until final assembly

Step 7

Remove nuts from side of lightbar & place light into position on bracket (Do not reinstall nuts at this time)

Step 8

Remove 8mm bolts from bottom of bumper opening & install bracket side supports as shown below. Reinstall nut onto light bar & check alignment.



Step 9

Once satisfied with alignment & position of bracket, tighten all bolts & nuts.

Step 10

Connect lightbar pigtail to wiring harness previously installed.

Congratulations! Your new lightbar is now ready for duty.



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