



Roof Light Bar Bracket

Fits Ford Bronco 2021-Up*
For 50"- 52" Light bars



Part Components

- Includes plastic covers to conceal the brackets and OE mounting bolts
- Black powder-coated brackets

Product Features

- Fits Heise 50"-52" light bars with rear mount brackets
- Easily mount a 50"- 52" Heise LED light bar onto the roof of your Ford Bronco with this stylish light bar bracket. This product features a corrosion-resistant black powder-coated finish. Included with this bracket are plastic covers that conceal the mounting hardware to retain a factory look

A) Brackets



B) Replacement caps



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TOOLS REQUIRED

Hand Tools

- 7mm
- 10mm
- Drill
- Drill bits
- Panel tool
- Wire stripper
- Wire crimper

Additional Supplies

- Grommet(s) (recommended)
- Silicone (recommended)

-Bracket mounting

1. Locate the (2) factory trim caps at the top of the windshield. (Figure 1)

2. On the upper edge of the cap, closest to the roof, locate the locking tab. Press the tab in, then rotate the cap up and forward to remove. Repeat for the second cap.

3. Under the cap locations find the (2) 10mm nuts. (Figure 2)

4. Remove these (4) nuts. (Figure 3)

5. Remove the trim cap base plate from both sides.

6. Orientate the brackets so that the arm extends towards the side of the vehicle, and extrudes toward the front of the vehicle. The mounting plate for the light bar will be parallel to the ground when properly orientated.

7. Place the bracket onto the (2) exposed studs, repeat for both sides. (Figure 4)



Figure 1



Figure 2



Figure 3



Figure 4

-Bracket mounting

8. Place the new trim cap base onto the studs, over the brackets. Use the plate stamped “L” on the driver side and the plate stamped “R” on the passenger side. (Figure 5)

9. Secure the new base plates and brackets with the (4) previously removed nuts. Tighten to 7.5 lb.ft. (Figure 6)

10. If the light bar is greater than 300W or the vehicle is NOT equipped with the factory switch panel skip to step 21. If using the factory switch panel continue to step 11.



Figure 5



Figure 6

-OE switch panel wiring



11. Pull the hood release handle near the driver kick panel to release the hood.

12. Open the hood and locate the auxiliary switch wires located in the driver side corner of the engine bay by the firewall. (Figure 7)



Figure 7

-OE switch panel wiring

13. Locate the yellow AUX 1 wire, and brown/white AUX transfer wire. (Figure 8)

14. Remove the protective cover from the auxiliary yellow wire and transfer brown/white wire, strip off a ¼" of insulation from each, and crimp the wires together.

15. Open glove-box, and locate the soft close lever. (Figure 9 and Figure 10)

16. Slide the lever towards the rear of the vehicle to release. (Figure 11)

| Switch | Wire Color | Fuse |
|--------|---------------|------|
| AUX 1 | Yellow | 30A |
| AUX 2 | Green/Brown | 15A |
| AUX 3 | Violet/Green | 10A |
| AUX 4 | Brown | 10A |
| AUX 5 | Blue/Orange | 10A |
| AUX 6 | Yellow/Orange | 10A |

Figure 8



Figure 9



Figure 10



Figure 11

-OE switch panel wiring

17. Push in the (2) tabs on the side of the box to lean glove-box out of the dash. (Figure 12)

18. Locate the brown/white AUX transfer wire and gray/orange AUX transfer wire in the lower right area of the glove-box cavity. (Figure 13 and Figure 14)

19. Remove the protective cover from the brown/white and gray/orange transfer wires, strip off a ¼" of insulation from each, and crimp the wires together.

20. Reinstall the glove-box.



Figure 12



Figure 13



Figure 14

-Visor removal

21. Unclip the passenger visor and extend it towards the center on the vehicle. (Figure 15)

22. Using a panel tool unclip the cap around the visor pole and slide out of the way. (Figure 16)

23. Using a 7mm, unscrew the visor. Rotate the visor against the windshield, then rotate the entire assembly down and back to remove. Disconnect the vanity light harness (if equipped). (Figure 17 and Figure 18)

24. Unclip the left edge of the trim panel, now exposed in the upper right corner of the windshield.(Figure 19)



Figure 15



Figure 16



Figure 17



Figure 18



Figure 19

-Drilling power hole

25. Locate the oval hole in the passenger side light bracket that is between the (2) nuts securing the bracket. Mark this location. (Figure 20)

26. Remove the (2) nuts securing the passenger s bracket and trim base again. Take off the base and bracket.

27. Drill an appropriate hole for the light bar wire the marked location (not to exceed ½”).

28. Install a grommet into the hole drilled (to protect the wire), then reinstall the bracket, base, and nuts (7.5 lb.ft).

29. From the outside of the vehicle, side the pigt included with the light bar through the previously installed grommet.

30. If using the factory switch panel continue step 31, if not go to harness hardwire on page 11.



Figure 20

-Finish wiring (OE switch)

31. Locate the gray/orange AUX transfer wire in the upper right corner of the windshield. (Figure 21)

32. Remove the protective cover from the gray/orange transfer wire, strip off a ¼" of insulation from the transfer wire and pigtail red wire, and crimp the wires together.

33. Ground the black wire from the pigtail to chassis ground.

34. Seal around the grommet and pigtail with silicone (recommended).

35. Install the "L" stamped trim cap onto the driver side trim base and the "R" stamped trim cap onto the passenger side trim base, by rotating the cap from the leading edge down and snapping the lock tab in place. Confirm cap is properly seated. (Figure 22)



Figure 21



Figure 22

-Mount light bar

36. Assemble the light bar using the rear mounting brackets. (Figure 23)
37. Mount the light bar onto the light bar brackets using hardware included with the light bar.
38. Plug the light bar into the pigtail and secure any excess wire.
39. Reinstall the trim panel and passenger visor.
40. Turn vehicle on and test functionality.



Figure 23

-Harness Hardwire

1. Connect an appropriate gauge of 2 conductor to the pigtail and route the wire (under the factory panels) down the side of the windshield to the passenger foot well. Then under the dash to the driver foot well, and finally through the firewall into the engine bay. If drilling a new hole in the firewall, make sure to install a grommet and seal with silicone.
2. Pull the hood release handle near the driver kick panel to release the hood.
3. Open the hood and connect the 2 conductor as shown. (Figure 24)
 - i. Ground the single black wire from the 2 conductor to a factory grounding point in the engine bay.
 - ii. A switch, fuse holder, and relay will be needed to connect the red wire from the 2 conductor.

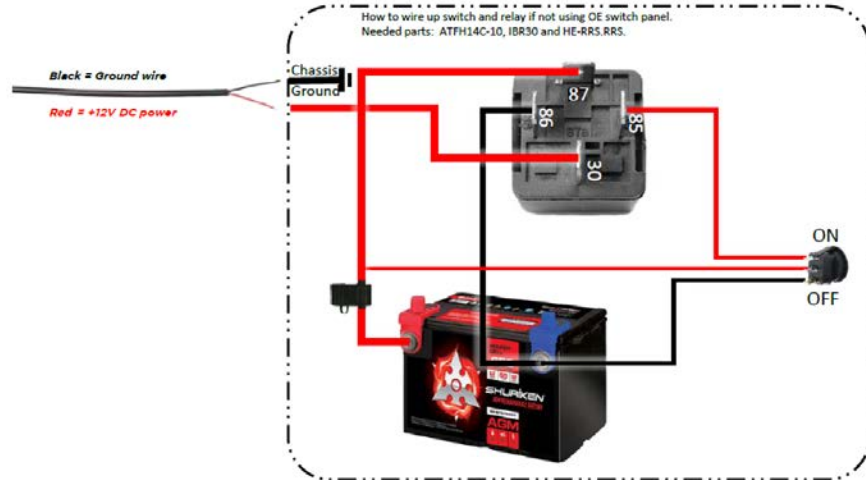


Figure 24

-Continue to installation step 35.



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