



Thank you very much for purchasing from M&R. We strive to provide a great product that is made by truck enthusiasts for truck enthusiasts.

2021 Ford Bronco Modular Bumper Fog Light Kit

INCLUDED

- 2 Metal Shrouds
- (8) 20watt Square Light Pods
- 16 washers
- 16 M4 bolts
- M&R Wiring harness

Dual capability of White LED light with Amber DRL



*We have an installation video on our website and YouTube Channel

Step 1

Install the light pods into the metal bracket. Use 2 washers and 2 bolts per light. Total of 16 washers and 16 bolts. It's a good idea to do a mockup to the truck in order to ensure you like the angle before getting them all tightened on the truck.

****You should be able to adjust the angle of the lights to your liking. Use your hand to apply pressure on the light against the metal tab, it will move.**



Step 2

Use crimp connectors from the M&R wiring harness to crimp designated wires together.

Blue – Ground

Yellow – Positive wire for the AMBER DRL

Brown – Positive wire for the White



Step 3

Remove the (3) T40 screws from the modular bumper. Slide the shroud bracket from behind the bumper and reinstall the same bolts



How your fog light kit will look after install.



Step 4

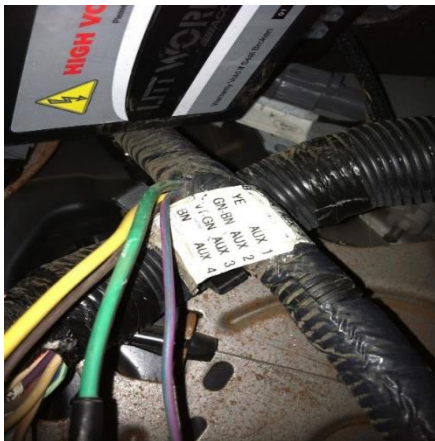
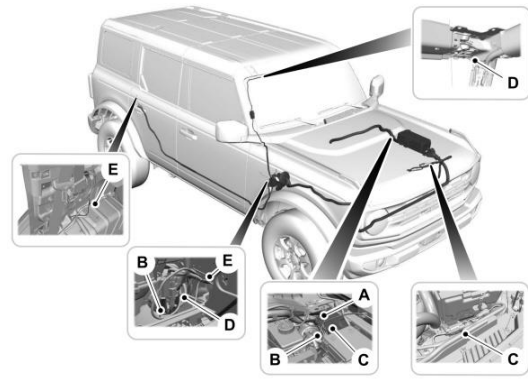
Now it's time for the wiring.

→ Your fog light kits comes with an M&R wiring harness just crimp the Fog light wires to the wiring harness. This will connect to the AUX switches.

Each power wire will be extended to the AUX hook up location to provide the power to the kit. Ford has conveniently setup your truck with aux switches (if equipped) and the wire hook ups are already powered. This makes wiring a lot easier. The auxiliary switchboard on the overhead console makes aftermarket customization easier with six

prewired switches connected to the power distribution box. Each circuit is individually fused for connection of electrical accessories.

There are six powered circuits and five non-powered circuits. Circuits from the under hood fuse box (A) are powered



IDENTIFYING THE AUXILIARY SWITCH WIRING

The relays are coded as follows:

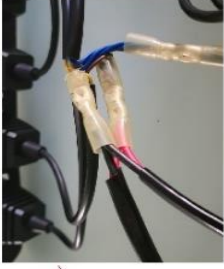
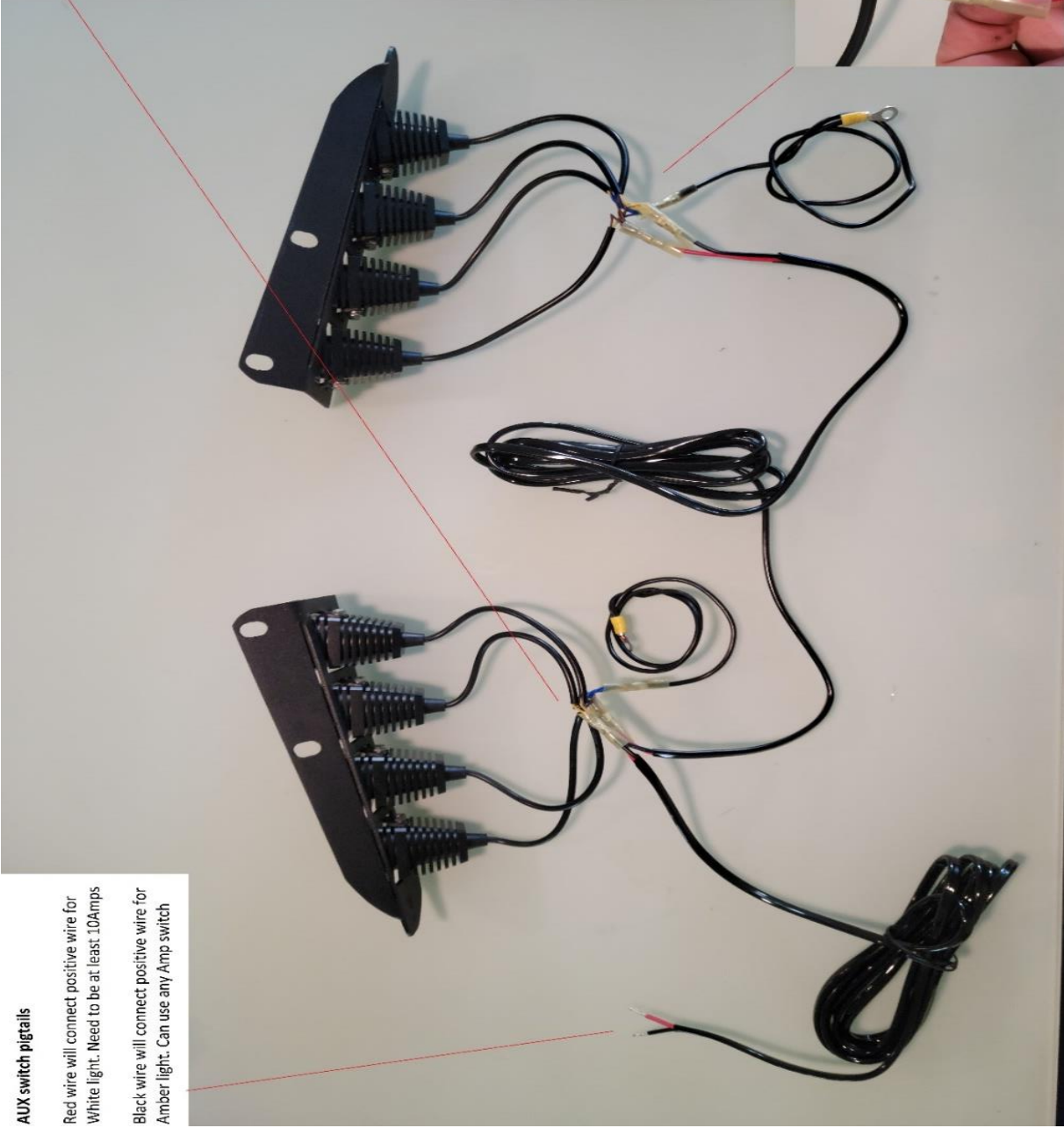
Power Distribution Box	Wire Color	Wire Size	Fuse
AUX 1	Yellow	1.5 mm ²	30A
AUX 2	Green/Brown	1.5 mm ²	15A
AUX 3	Violet/Green	0.75 mm ²	10A
AUX 4	Brown	0.75 mm ²	10A
AUX 5	Blue/Orange	0.75 mm ²	10A
AUX 6	Yellow/Orange	0.75 mm ²	10A

ENJOY YOUR ADVENTURE
&
"FOR OFFROAD USE ONLY"

AUX switch pigtails

Red wire will connect positive wire for White light. Need to be at least 10Amps

Black wire will connect positive wire for Amber light. Can use any Amp switch



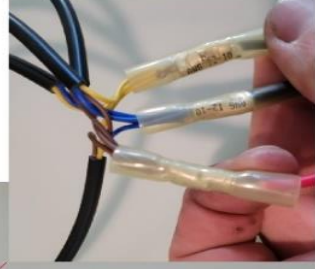
From the lights, fuse:

- All Blue wires are Ground
- All Yellow wires are Amber DRL
- All Brown wires are White light

The bridge wiring

- Fuse 2 Red wires (bridge and ones going to AUX switches)
- Fuse 2 Black wires (bridge and ones going to aux switches)

The red wire will connect to brown for white light
The black will connect to yellow for Amber DRL

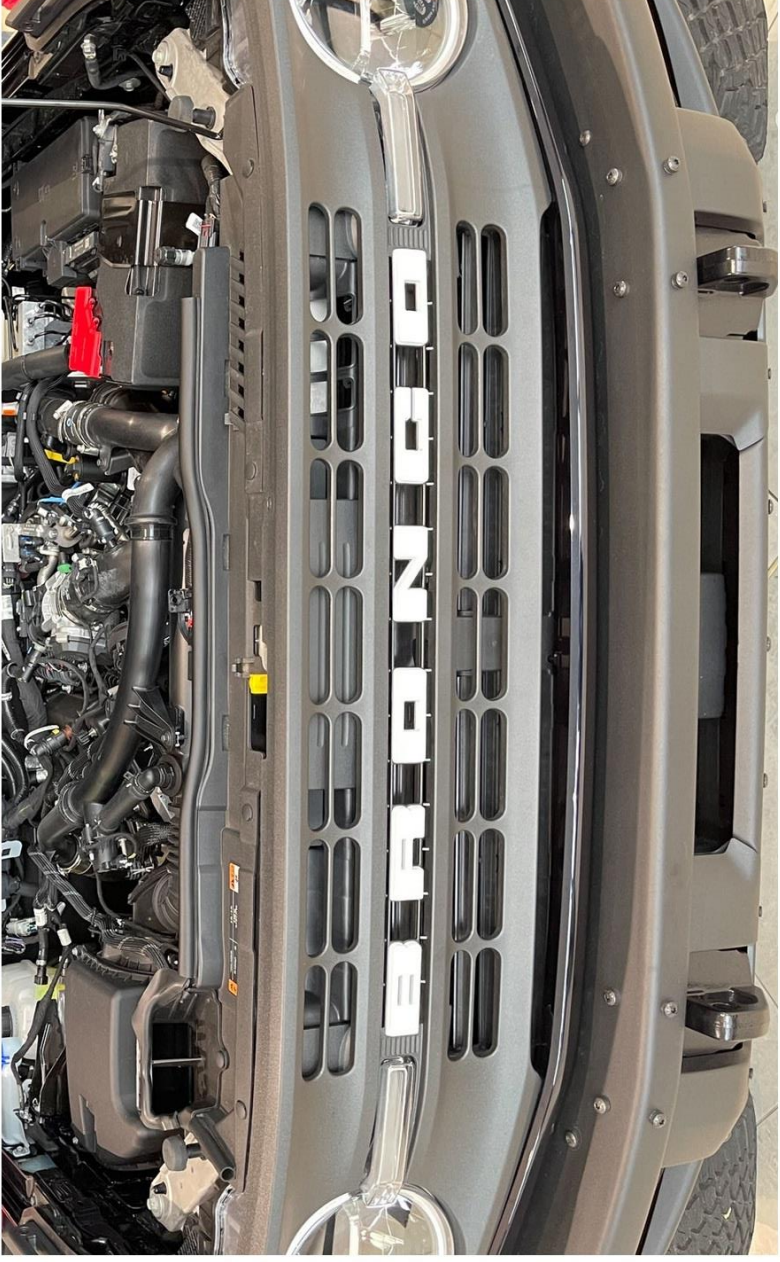


From the lights, fuse:

- All Blue wires are Ground
- All Yellow wires are Amber DRL
- All Brown wires are White light

The bridge wiring

Red will be used to bridge White(brown)
Black will be used to bridge Amber(yellow)



AUX

Ground

**Driver
Side
FOG KIT**

Ground

**Passanger
Side
FOG KIT**