



# BMC LIGHTS

.COM

2023-2024 FORD F250-450  
FOG LIGHT INSTALLATION  
INSTRUCTIONS



# Lets Get started

- Remove OEM Covers

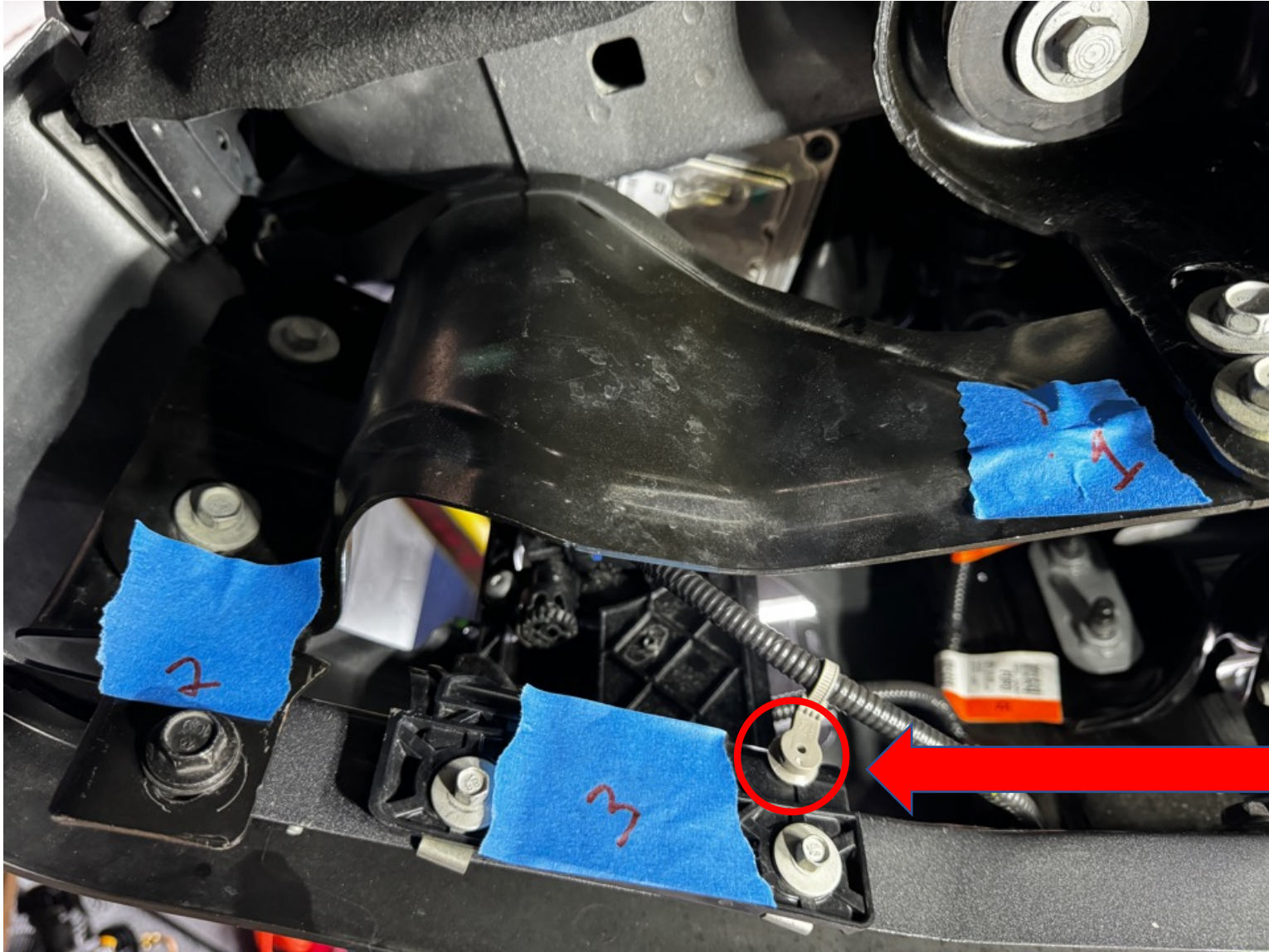
we recommend using a plastic trim tool to prevent damage to the bumper



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Unplug the OEM harness from the Stock Fog Light

Remove harness push pin from Fog light bracket

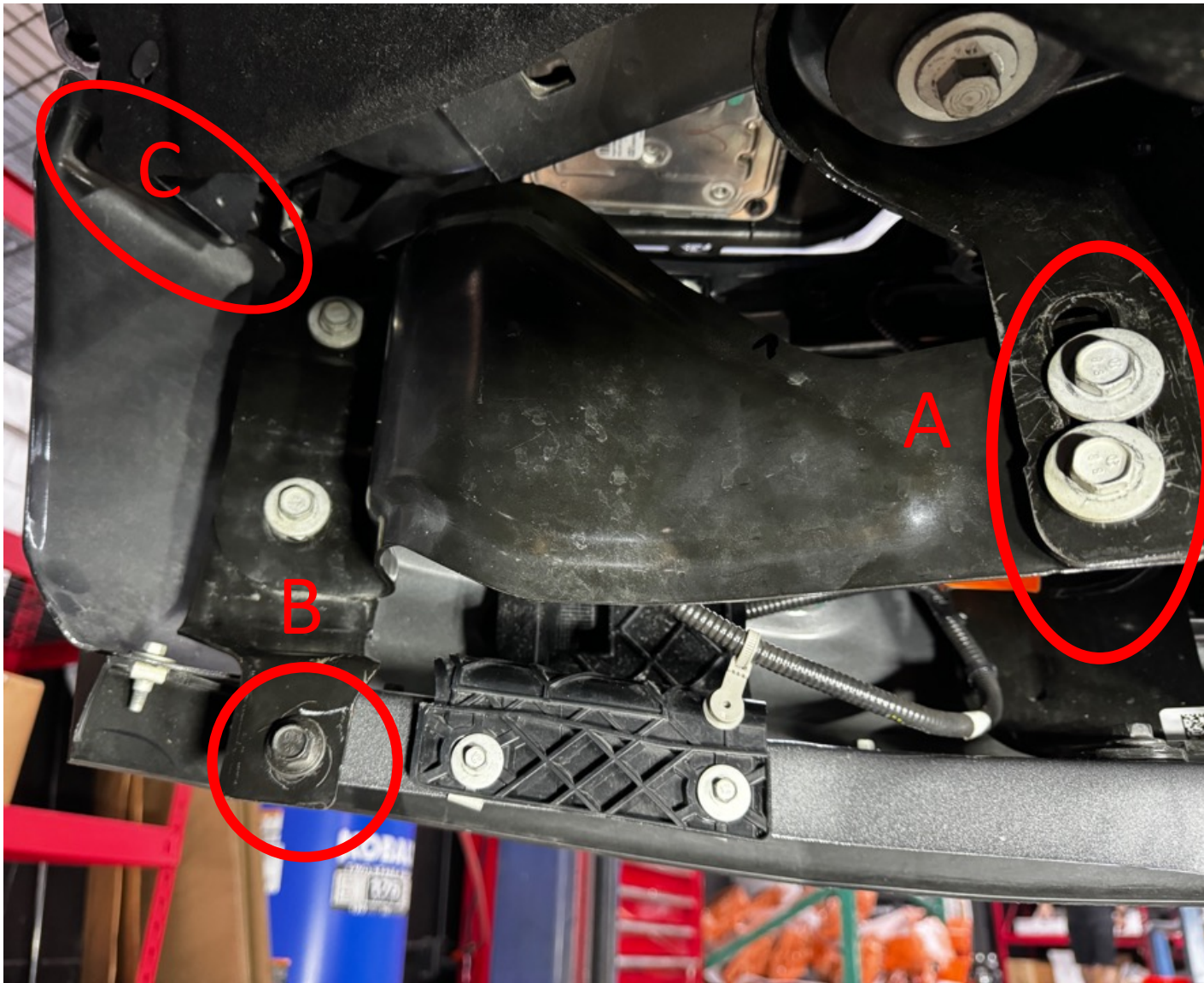


## Remove OEM Brackets

Remove All OEM Brackets show in photo (1, 2 & 3)

You will need an  
( #3) 8mm,  
(#2) 13mm  
(#1) 15mm

This clip has a new hole on the BMC bracket to clip into behind your new lights, don't mangle it

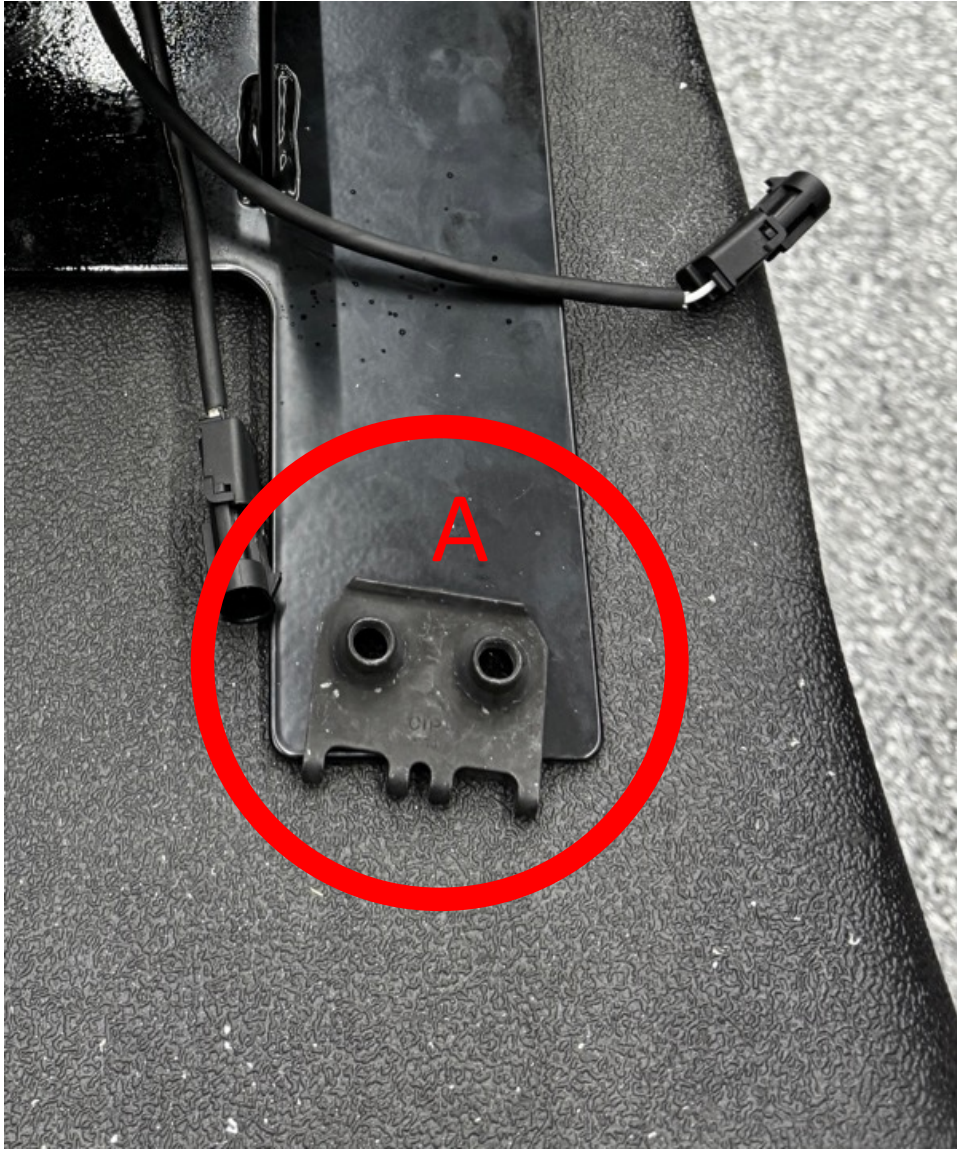


## The Circled areas are areas to remember for later steps

- A & B will be the ONLY BOLTS used with the new Bracket
- Behind A, on the OEM Bracket, you will see a slide on DOUBLE Nutsert. Remove them and install on the BMC Fog Plates ( see next page )
- A & B will be your VERTICAL ADJUSTMENT TO FINAL ADJUST HEIGHT OF THE LIGHTS IN RELATION TO THE HOLES
- C needs to be unclipped from the top of the (B) bracket and will NOT be reconnected . PIC on next page



- Remove Clips from Bracket Shown in previous page ( C )
- This will NOT be reconnected with the BMC FOG Kit.



Reinstall Nutsert's from A onto new BMC Brackets



After removal of all the OEM brackets.. This is what it should look like, If it does... you can move on to the install...

- These two silver nutserts can be removed , not re-used.
- The black one will be re-used in the new kit



- From Under the truck or inside the wheel well..
- Insert the entire Bracket Assembly rotating it in TOP first, bringing the Bracket into Alignment of ( A ) & ( B ) from earlier. Lowering it down into place
- Reinstall Bolts from A & B
- As you tighten ( A & B ) , There will be tension on the Bracket , at the top of the Bracket. This is to keep it from shaking once tight. Crank the bolts down until tight.
- **A & B will be the vertical and level FINAL adjustment for your Bracket**





# Wiring

## Install upfitter harness

- You can run the upfitter Harness many different ways, it really is personal preference.
- The RED line is just an example of where we run ours, along the inside of the top of the bumper , between the grill and radiator .
- Connect Black Wire to ground at Battery (-)  
Red wire to desired Upfitter Positive lead

## OEM plug

- You will find ( 2 ) H11 Connectors in the kit
- Plug the H11 Connectors into the OEM Connector
- After you plug it in, Secure with a zip tie to ensure it cant back out ( MUST DO )

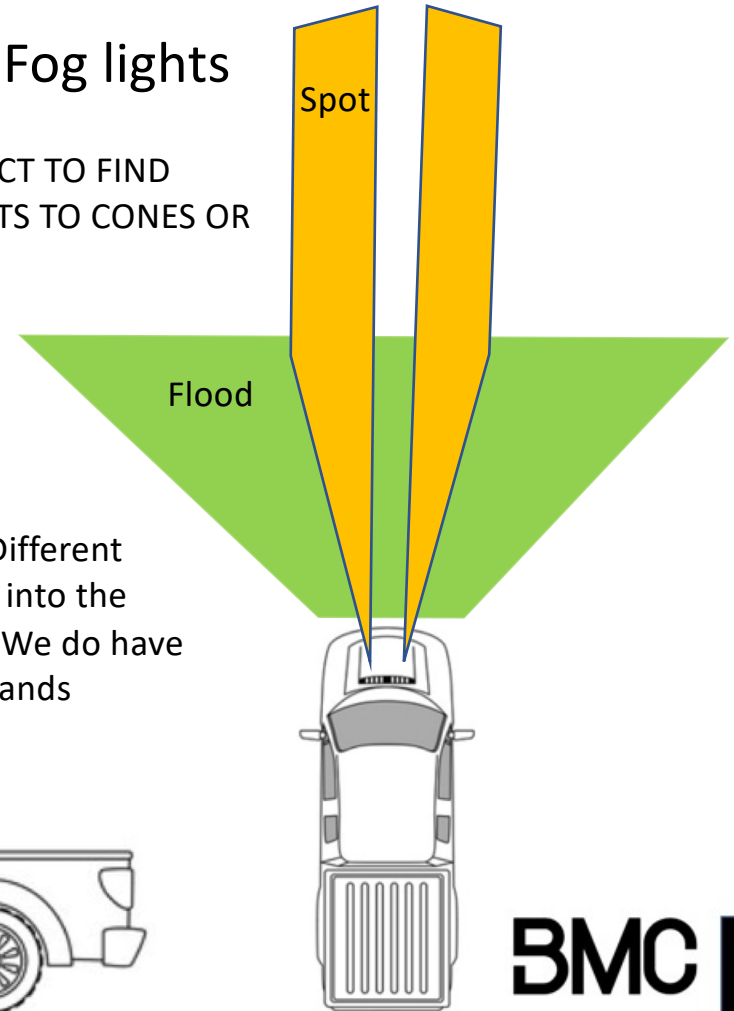
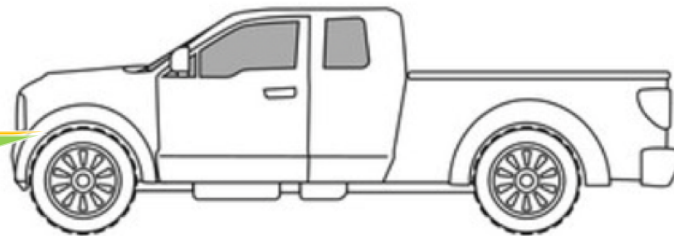


## General Aiming of the Fog lights

USE CONES OR SOME OTHER OBJECT TO FIND OPTIMAL POSITION.. ADJUST LIGHTS TO CONES OR OBJECT YOU USE TO ALIGN.

It will take a few times to align the covers and lights,

\*\*Some Light styles may require Different length Uprights to bring the lights into the proper alignment with the cover. We do have them available in for most light brands



## FINAL STEP—

- REMOVE CLIPS FROM STOCK FOG LIGHT COVERS AND TRANSFER TO BMC FOG COVERS
- INSERT LOWER PORTION OF BMC COVER INTO FOG OPENING ON THE BUMPER AND SNAP BMC COVERS IN PLACE

\*\*DO NOT INSTALL ON BMC COVERS UNTIL FOG LIGHTS HAVE BEEN AIMED AND NO FURTHER ADJUSTMENTS ARE NEEDED

