

SPEC SERIES FRONT BUMPER

2024+ FORD F-150

FBFF1-15



TOOLS REQUIRED

- + #4, #5, #6, #8 Allen tool/socket
- + 8, 10, 13, 17, 18, 19, 21, 22mm wrench
- + 8, 10, 13, 17, 18, 19, 21, 22mm sockets
- + T20, T30 Torx socket/wrench
- + Trim clip tool
- + Sawzall/Grinder
- + Razor (cutting tool)
- + Zip ties
- + Marker

SKILL LEVEL

- + Novice/Intermediate
- + 1 (you) to 2 persons

Little skill level required, you can easily install it by yourself however, additional help will be useful to prevent injury or damage.

TIME REQUIRED

- + Approximately 4.5 Hours

WARNINGS/CAUTIONS BEFORE STARTING INSTALLATION

Before you install this kit — Read and understand all instructions, warnings, cautions, and notes contained in this installation instruction guide. Consult your vehicle owner's manual for proper disconnection of electrical and lifting of vehicle if required for installation of this product.

This install may require some technical skills and knowledge of basic mechanical work. If you do not feel that you are capable of performing this install please take this product to a trained professional.

After reading this guide please contact us with any questions or concerns before installing product.

Customer Service: 855-680-9595

DV8 Offroad is not responsible for any bodily injury or harm to you or your vehicle as a result of an improper install.

Proper installation of this kit required knowledge of the factory recommended procedures for removal and installation of original equipment components. We recommend that the factory shop manual and any special tools needed to service your vehicle be on hand during the installation. Installation of this kit without proper knowledge of the factory recommended procedures may affect the performance of these components and the safety of the vehicle

- *Always wear eye protection when operating power tools*

Inspect all contents of this package to make sure product is not damaged and all installation hardware has been included. If parts are missing from kit, please be prepared to provide the following information

1. Name of purchase location
2. Bar Code on side of box
3. Date above bar code
4. Date inside box cover

HARDWARE INCLUDED

Begin by unpacking all items and inspecting for missing pieces or damage. If you have any concerns, please contact the company the product was purchased from. Extra hardware may be included with the product.



(9) M6x20 Allen Bolts



(1) M6x20 Hex Bolt



(10) M6 Nylock Nuts



(22) M6 Washers



(1) Gear Tube



(4) M10x30 Hex Bolts



(16) M10 Washers



(4) M10 Clip Nuts



(6) M10x25 Hex Bolts



(6) M10 Nylock Nuts



(2) M10x20 Countersunk Bolt



(2) M10 Flange Nut



(10) M12 Nylock Nuts



(20) M12 Washers



(4) M12x30 Allen Bolts

HARDWARE CONT.



(6) M12x30 Hex
Bolts



(4) M14x30 Hex
Bolts



(4) M14 Washers

PARTS INCLUDED



STEP 1 | BEGIN BY UNPLUGGING THE BUMPER FROM THE MAIN WIRE HARNESS ON THE TRUCK. THE PLUG CAN BE FOUND LOCATED ON TOP OF THE FRAME RAIL UNDER THE PASSENGER SIDE HEADLIGHT.

NOTE: IF YOU HAVE TROUBLE REMOVING THIS PLUG, YOU CAN WAIT UNTIL THE BUMPER HAS BEEN UNBOLTED, HOWEVER THIS WILL REQUIRE ADDITIONAL HELP TO HOLD THE BUMPER AND REMOVE THE PLUG.



STEP 2 | TO REMOVE THE BUMPER, USE A 21MM SOCKET TO REMOVE THE (3) MOUNTING NUTS PER SIDE.



STEP 3 | IF YOUR TRUCK IS A TREMOR, WITH THE UPGRADED OEM BUMPER, THEN YOU WILL NEED TO FIRSTLY REMOVE THE LOWER SKID PLATE TO ACCESS THESE BOLTS. USING A 13MM BOLT, REMOVE THE (6) BOLTS HOLDING ON THE SKID PLATE.



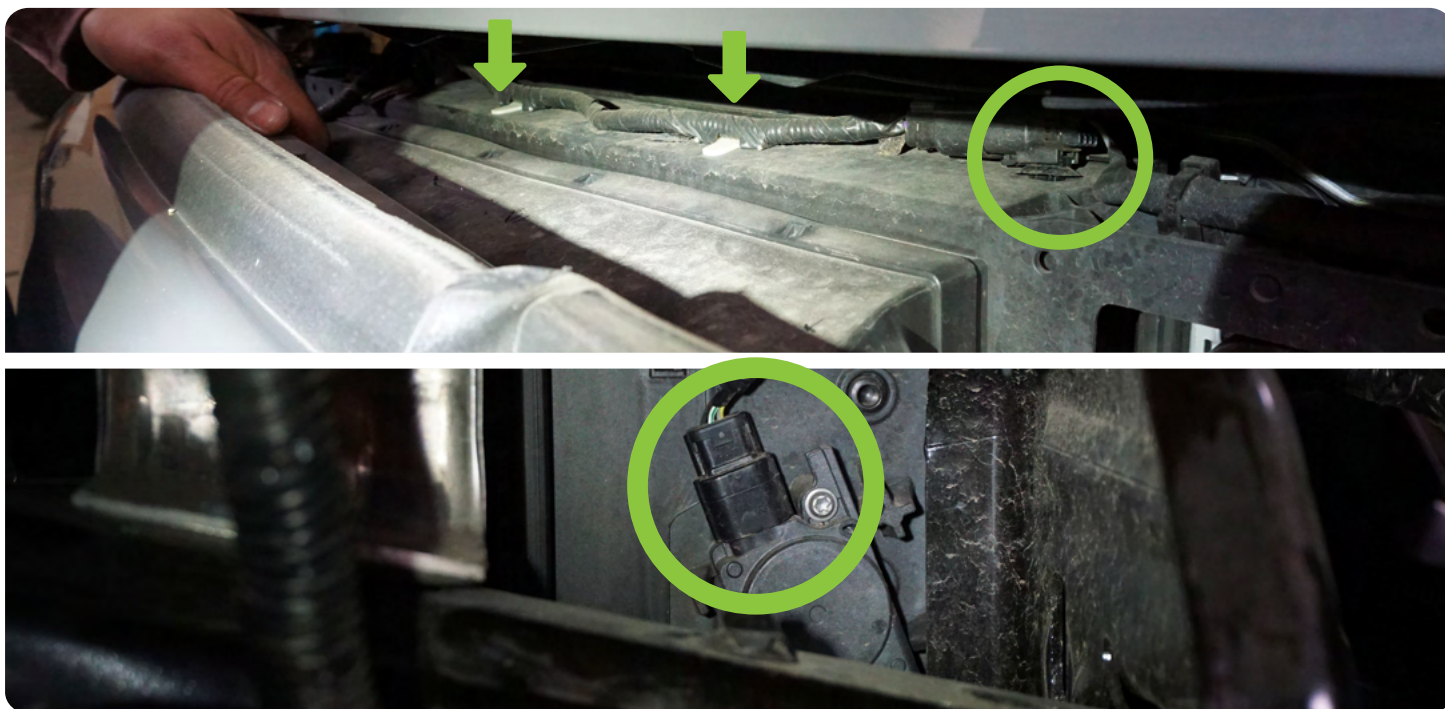
STEP 4 | ON TREMOR MODELS,, REMOVE THE TWO SIDE WING SUPPORTS USING A 10MM SOCKET.



STEP 5 | ONCE THE NUTS ARE REMOVED, PULL THE BUMPER OFF BY LEANING THE CENTER BACK TOWARDS THE VEHICLE AND THEN PULLING THE BUMPER FORWARD.



STEP 6 | ON NON-TREMOR MODELS, DISCONNECT THE LOWER SHUTTER MOTOR AND THE ELECTRICAL PLUG ON TOP OF THE LOWER SHUTTER ASSEMBLY. USE A TRIM CLIP TOOL TO REMOVE ANY HARNESS CLIPS.



STEP 7 | USING A 8MM SOCKET, REMOVE THE (4) BOLTS THAT SECURE THE LOWER SHUTTER SYSTEM. USE A TRIM CLIP TOOL TO REMOVE ANY HARNESS RETAINING CLIPS.

SET THE LOWER SHUTTER SYSTEM ON A WORK BENCH.



STEP 8 | TREMORS ARE EQUIPPED WITH FACTORY FRAME MOUNTED TOW HOOKS, THESE WILL NEED TO BE REMOVED. USING A 15MM SOCKET AND REMOVE THE BOLTS ON THE UNDER SIDE OF THE FRAME.

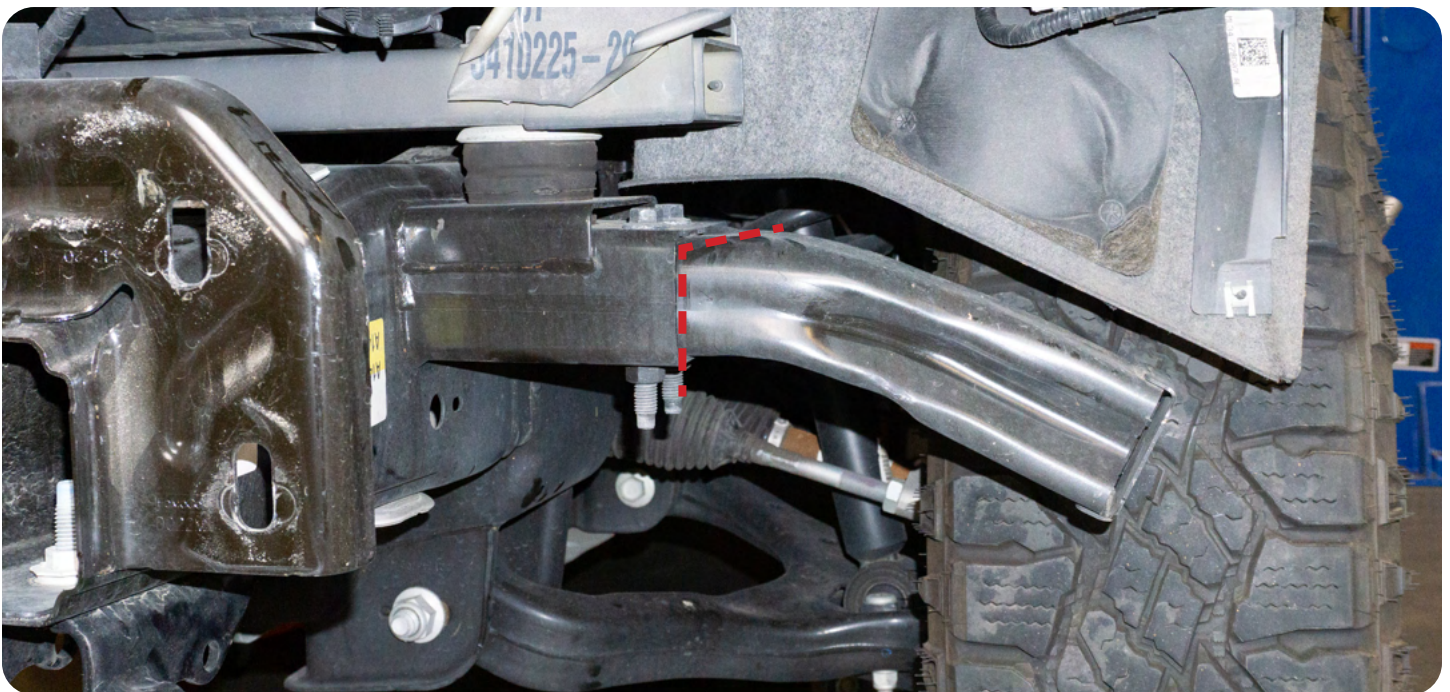


STEP 9 | FROM STEP #7, TAKE THE SHUTTER GRILLE AND USING A T20 TORX TOOL TO REMOVE THE LOWER SHUTTER MOTOR. SET MOTOR OFF TO THE SIDE.





STEP 10 | ONCE THE BUMPER IS REMOVED, SET OFF TO THE SIDE AND USING A GRINDER/SAWZALL, SAFELY CUT OFF THE CRASH BARS. ENSURE TO PAINT ANY RAW METAL AFTER CUTTING.



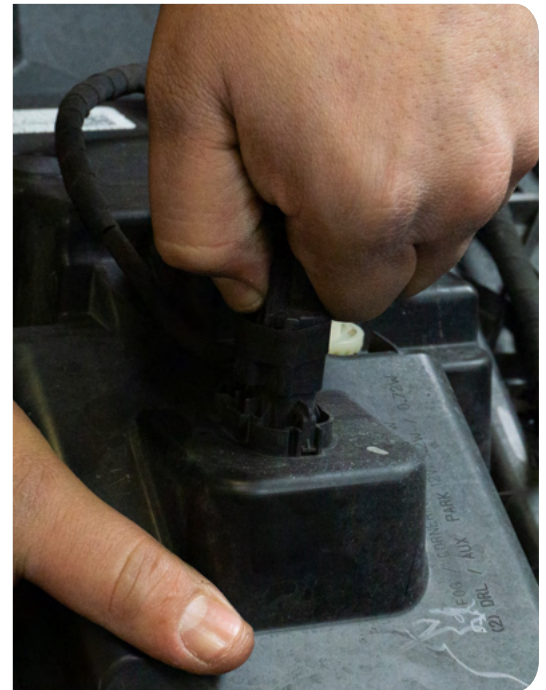
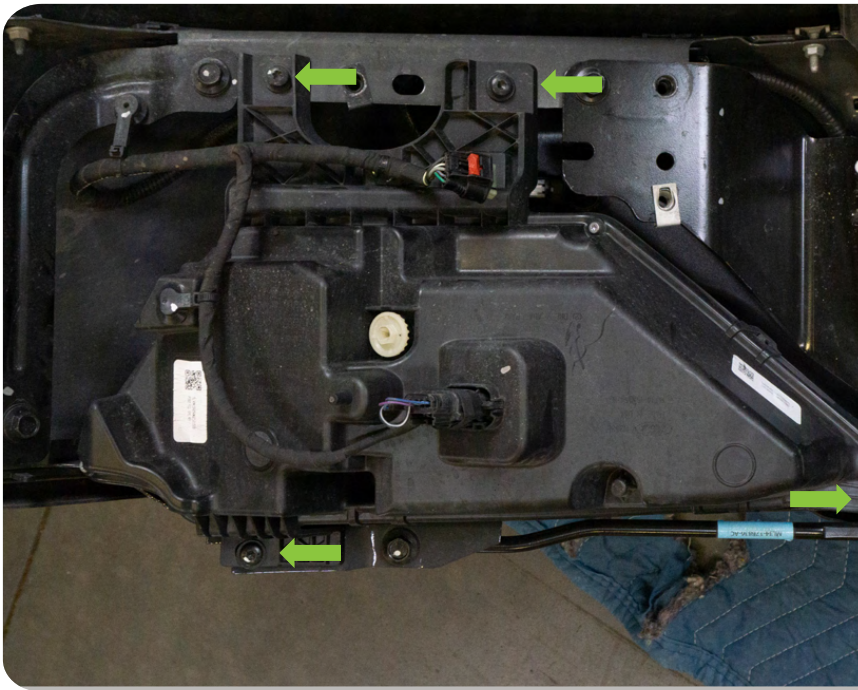


STEP 11 | IF FACTORY BUMPER IS EQUIPPED WITH FRONT PARKING SENSORS, BEGIN BY REMOVING THE AUTOMATIC AIR DAMPENING SYSTEM ON THE FACTORY BUMPER USING A 13MM SOCKET ON THE THREE BOLTS LOCATED ON EACH SIDE.

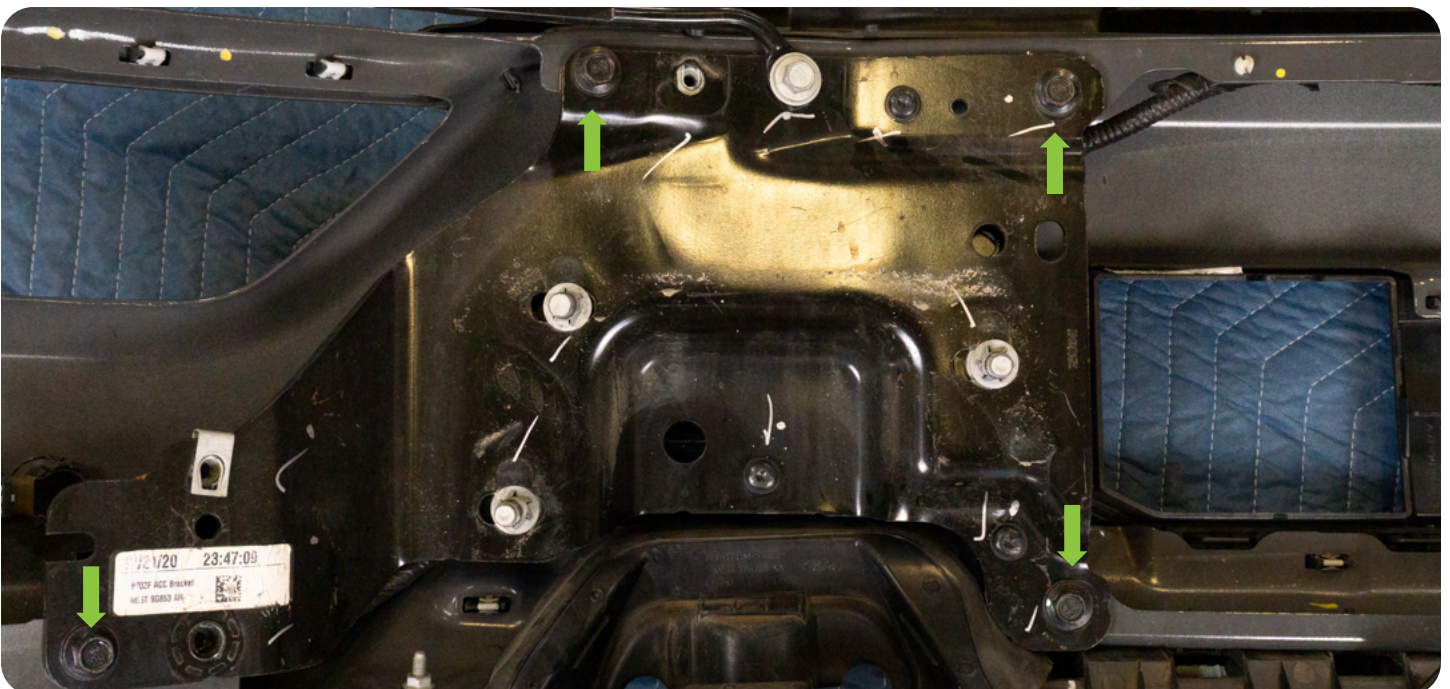


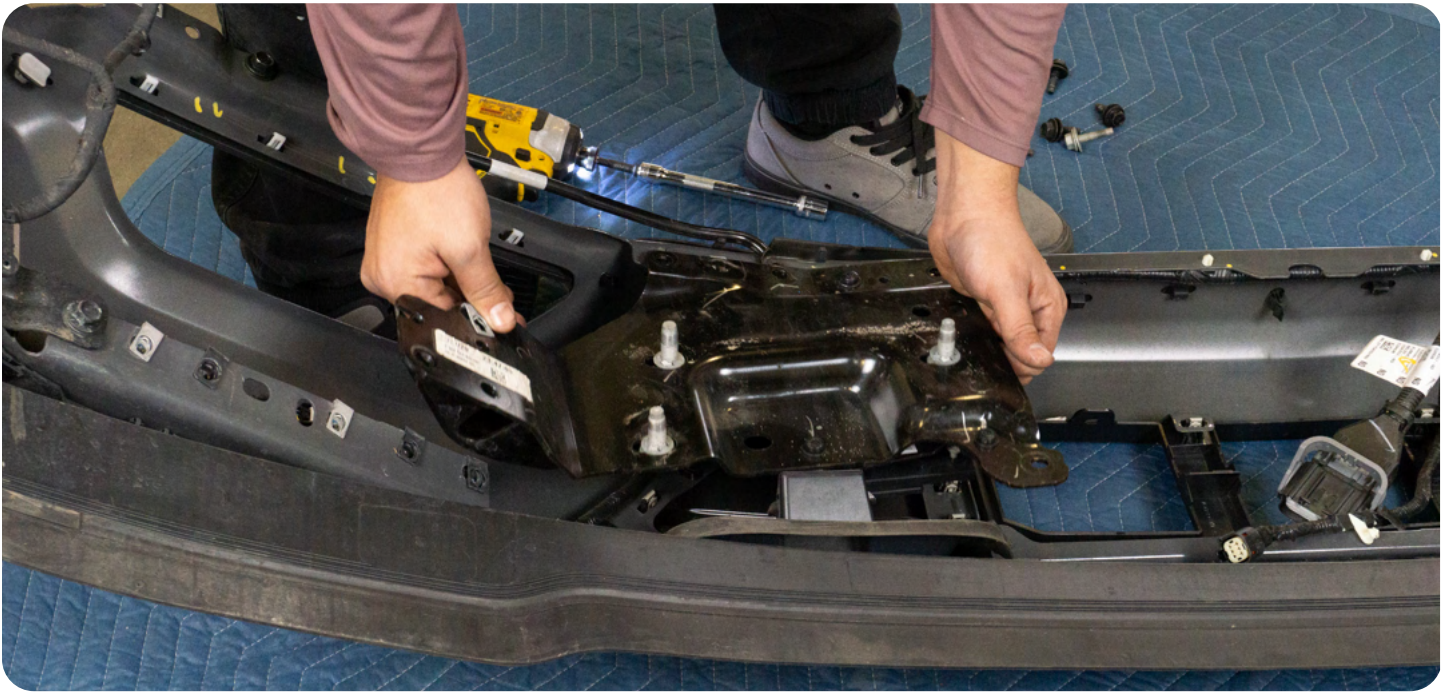
STEP 12 | USING A T30 TORX BIT, REMOVE THE FOUR BOLTS HOLDING FOG LIGHT HOUSING ON EACH SIDE OF THE FACTORY BUMPER. UNPLUG THE FOG LIGHTS AND SET OFF TO THE SIDE.

NOTE: THE BUMPER WIRE HARNESS HAS A MOUNT ON THE FOG LIGHT. USING YOUR PUSH PIN REMOVAL TOOL, REMOVE THE HARNESS FROM EACH LIGHT.



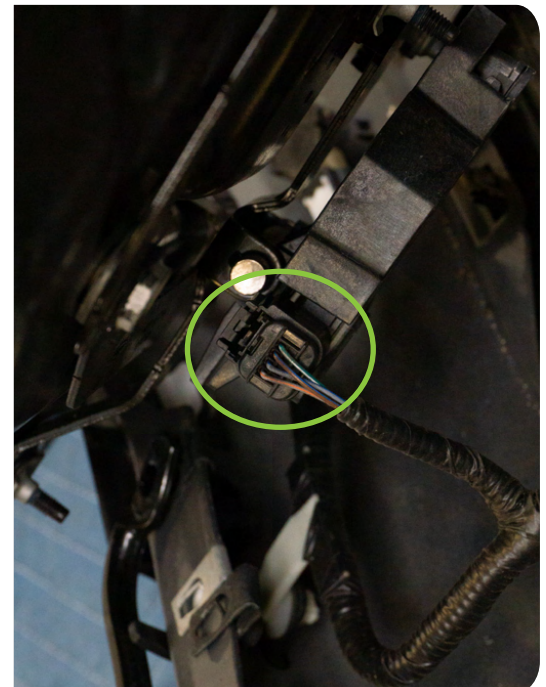
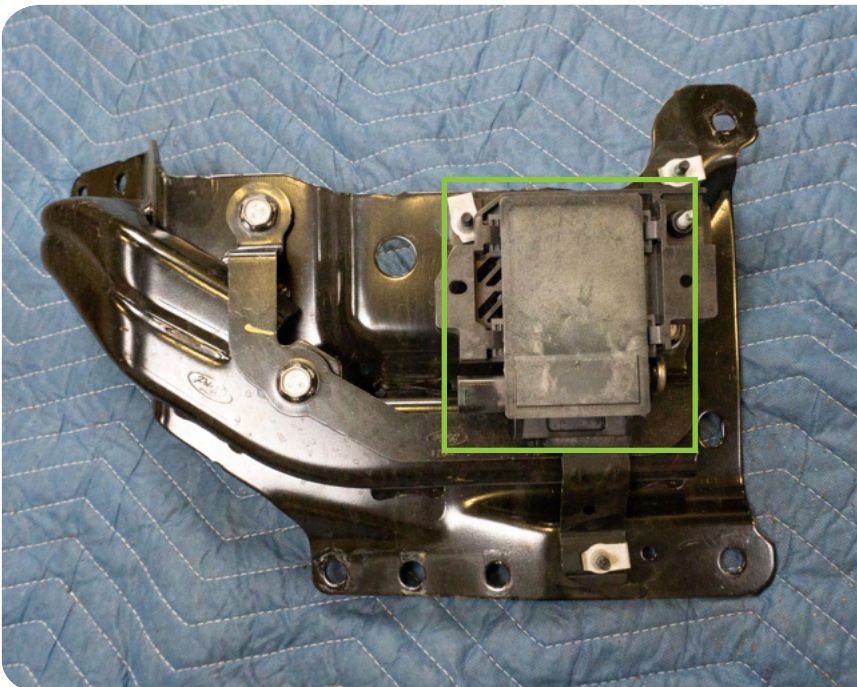
STEP 13 | USING A 13MM SOCKET, REMOVE THE FOUR BOLTS HOLDING EACH BUMPER BRACKET. REMOVE BRACKETS AND SET OFF TO THE SIDE.



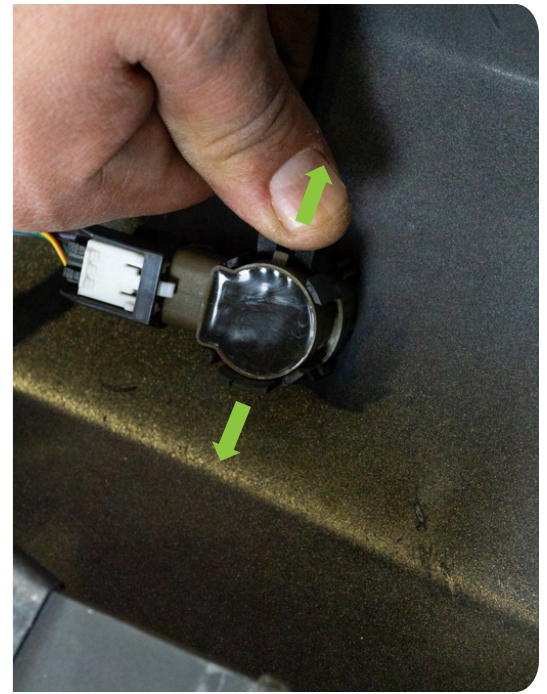
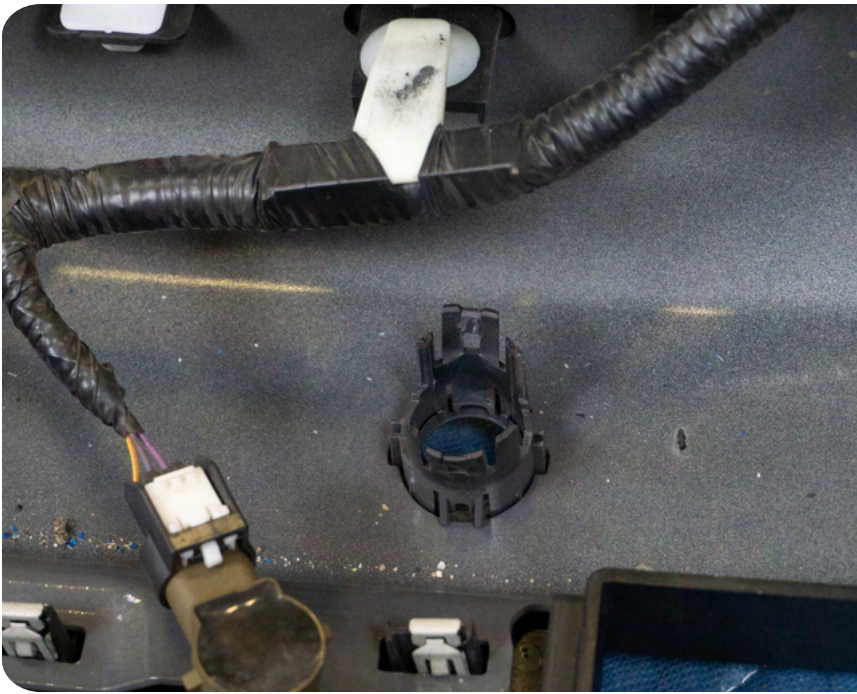


STEP 14 | IF YOU HAVE AN ADAPTIVE CRUISE CONTROL (ACC) MODULE, UNPLUG THIS OFF THE DRIVER SIDE BRACKET AND SET OFF TO THE SIDE SINCE THIS WILL NOT BE A PART OF THE BUMPER INSTALL.

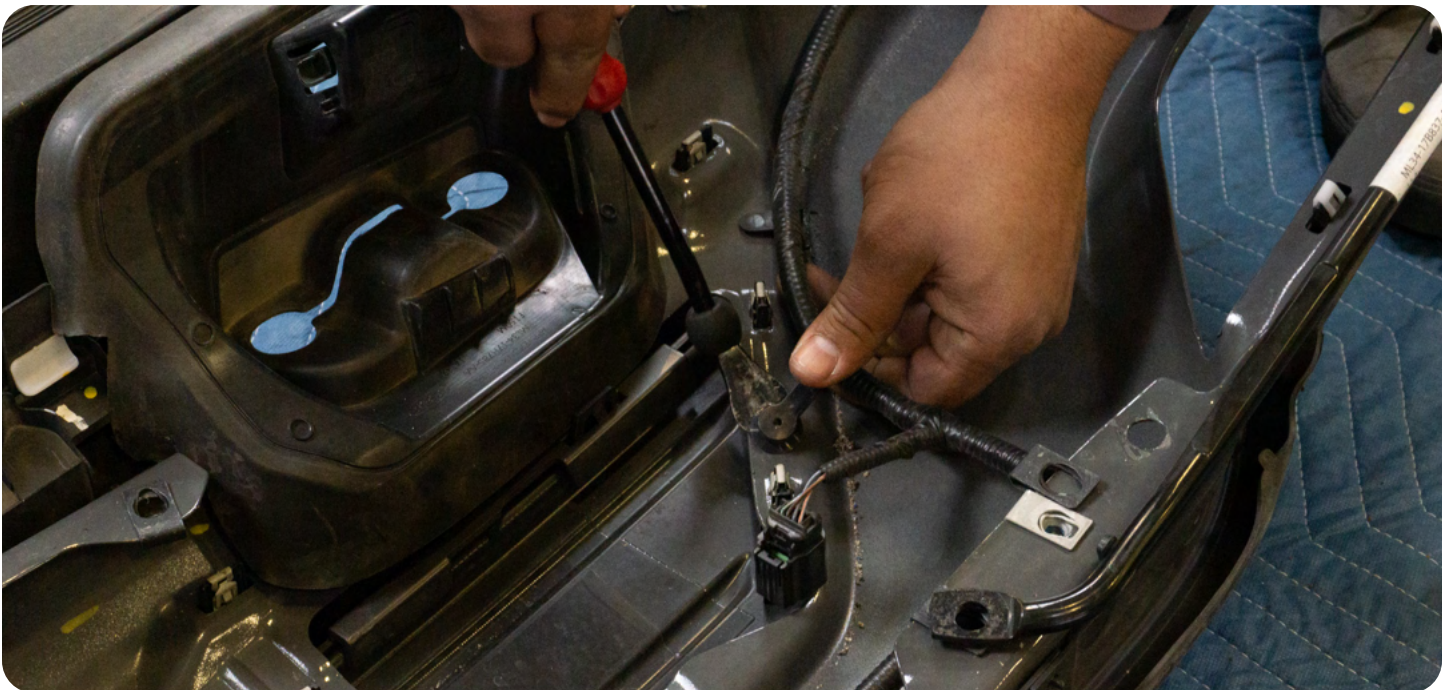
NOTE: TO RELOCATE THE ACC MODULE, YOU WILL NEED THE ABFF-01. USE THE ABFF-01 INSTRUCTIONS FOR RELOCATION STEPS BEFORE YOU CONTINUE WITH REMAINDER OF BUMPER INSTALL.



STEP 15 | AFTER YOU HAVE FULL ACCESS TO THE BUMPER WIRE HARNESS, UNCLIP EACH SENSOR FROM THE BRACKET BY SPREADING THE SIDE OF THE SENSOR BEZELS. DO NOT OVEREXTEND THESE TABS SINCE THEY CAN BREAK.



STEP 16 | USING THE PUSH PIN TOOL, REMOVE THE HARNESS FROM ALL POINTS ON THE FACTORY BUMPER.

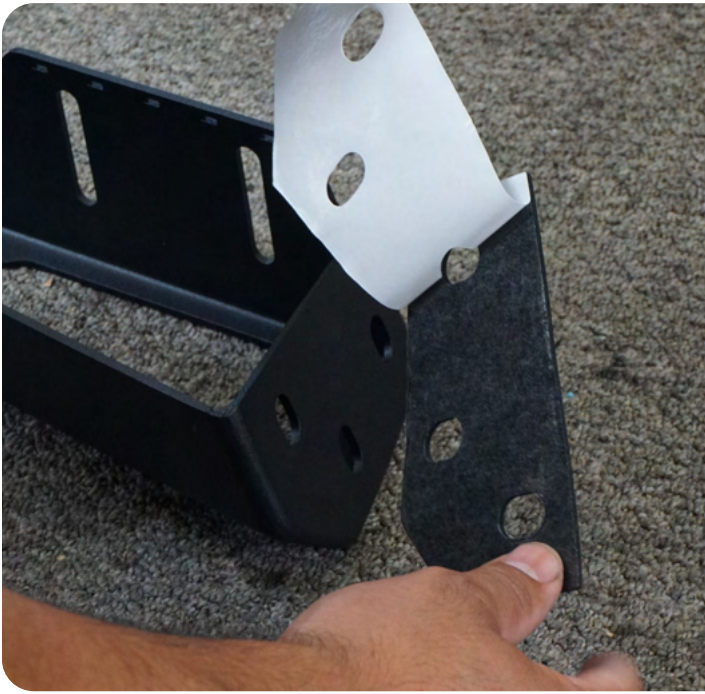




STEP 17 | TO REMOVE THE SENSOR BEZELS FROM THE BUMPER, SQUEEZE THE SIDE OF THE BEZEL FROM THE BACK AND PULL THE FACE FROM THE FRONT.



STEP 18 | SET BUMPER PIECES ON A SOFT SURFACE TO ASSEMBLE BUMPER. USING THE EVA FOAM PROVIDED, ATTACH IT TO THE WINGS OF THE BUMPER.



STEP 19 | LOOSELY INSTALL THE (3) M12X30 HEX BOLTS, WASHERS, AND NYLOCK NUTS.



STEP 20 | ONCE THE WINGS ARE ALIGNED, SECURE THE HARDWARE USING A 18MM SOCKET/WRENCH AND 19MM SOCKET/WRENCH.



STEP 21 | IF INSTALLING A WINCH, INSTALL THE WINCH FAIRLEAD AT THIS MOMENT. USING THE HARDWARE PROVIDED WITH THE FAIRLEAD. ALIGN AND SECURE THE HARDWARE.



STEP 22 | MOUNT THE WINCH TO THE WINCH PLATE.

NOTE: WIRING ROUTING AND CONNECTING OF THE WINCH ARE UP TO THE DISCRETION OF THE BUYER/INSTALLER.



STEP 23 | IF INSTALLING A LIGHT BAR, INSTALL AT THIS MOMENT. USING THE PROVIDED LIGHT BRACKETS.

NOTE: WIRING ROUTING AND CONNECTING OF THE LIGHT BAR ARE UP TO THE DISCRETION OF THE BUYER/INSTALLER.



STEP 24 | IF WINCH IS BEING INSTALLED, PLACE WINCH WITH WINCH PLATE INTO THE BUMPER.



STEP 25 | USING THE (4) M14X30 HEX BOLTS AND WASHERS, INSTALL AND SECURE HARDWARE WITH 21MM SOCKET/WRENCH.



STEP 26 | LOOSELY INSTALL (2) M10X20MM BOLTS, WASHERS, AND NYLOCK NUTS ON THE WINCH PLATE TO THE BUMPER. SECURE THE BOLTS USING A 16MM AND 17MM SOCKET/WRENCH.



STEP 27 | INSERT THE (4) M10 NUT CLIPS ON THE MOUNTING HOLES.



STEP 28 | INSTALL THE SKID PLATE USING THE (6) M6X25 BOLTS, WASHERS AND NYLOCK NUTS. USING A 16MM SOCKET/WRENCH AND 17MM SOCKET/WRENCH, SECURE THE BOLTS FROM THE SKID PLATE TO THE BUMPER.



STEP 29 | WORKING ON THE SHUTTER MOTOR BRACKET, INSTALL ONE OF THE SIDE BRACKETS WITH THE PROVIDED M6X60MM BOLT AND WASHER.



STEP 30 | FLIP THE ASSEMBLY OVER AND SLIDE THE PROVIDED GEAR INTO THE SHUTTER HOUSING.



STEP 31 | PLACE THE TOP BRACKET OVER THE ASSEMBLY AND USING TWO M6 BOLTS, SECURE REAR AND TOP BRACKETS TOGETHER.



STEP 32 | LASTLY, PLACE THE GEAR STOP BRACKET OVER THE GEAR BOLT AND SECURE USING A #4 AND 10MM SOCKET/WRENCH.



STEP 33 | TAKE THE MOTOR ASSEMBLY, AND USING THE PROVIDED M6 BOLTS, MOUNT IT TO THE INSIDE OF THE BUMPER ON THE PASSENGER SIDE.

SECURE MOTOR USING A #4 ALLEN WRENCH/SOCKET AND 10MM SOCKET/WRENCH.



STEP 34 | ONCE THE ITEMS ARE INSTALLED AND SECURED ON THE BUMPER, INSTALL BUMPER ON THE VEHICLE.

NOTE: WE RECOMMEND HAVING A SECOND PAIR OF HAND TO PREVENT DAMAGE TO THE VEHICLE OR BUMPER, OR ANY PHYSICAL HARM.



STEP 35 | INSTALL THE (2) M10X30 HEX BOLTS AND WASHERS, (1) M10X30 ALLEN BOLTS, WASHERS, AND NYLOCK NUT TO THE FRAME HORN PER SIDE.

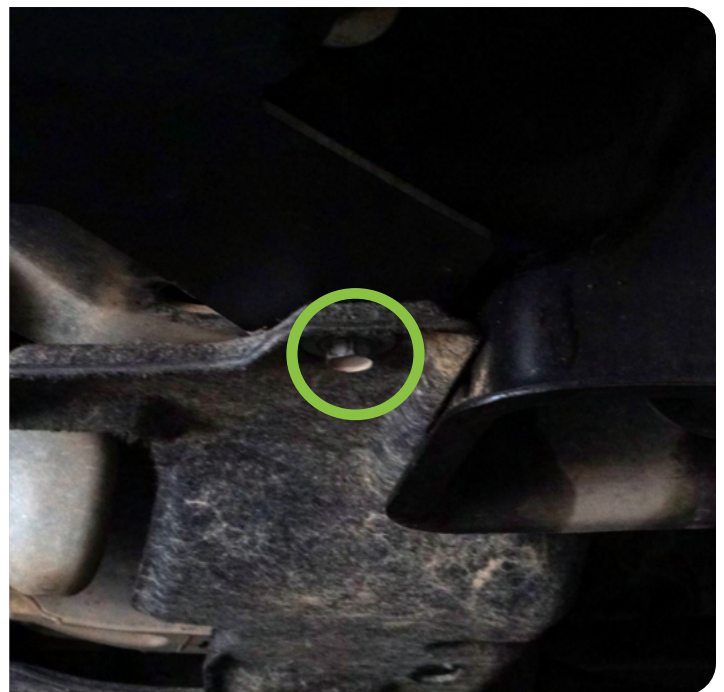
ONCE INSTALLED, SECURE HEX BOLTS USING A 16MM SOCKET. USE A #6 SOCKET AND A 17MM SOCKET TO SECURE THE ALLEN HEAD BOLTS.





STEP 36 | USING FACTORY HARDWARE, INSTALL THE (2) SKID PLATE BOLTS. USING A 15MM SOCKET, SECURE THE BOLTS TO THE FRAME.

NOTE: DEPENDING ON MODEL, IT MAY REQUIRE A BIT OF EFFORT TO PUSH UP ON THE SKID PLATE TO REUSE THE HARDWARE.



STEP 37 | MAKING SURE THE BUMPER IS ALIGNED WITH THE VEHICLE. ASSURE THAT ALL HARDWARE IS SECURE AND ANY POD LIGHTS, LIGHT BAR, AND/OR WINCH IS PROPERLY WIRED.



CONGRATULATIONS

YOU ARE FINISHED WITH THE INSTALL OF THE 2024+ FORD F-150 SPEC SERIES FRONT BUMPER.

+ SHARE YOUR PICS

WE LOVE SEEING HOW OUR CUSTOMERS USE THEIR DV8 OFFROAD PRODUCTS AND FOLLOWING ALONG WITH YOUR ADVENTURES. TAG US IN YOUR PHOTOS @DV8OFFROAD. WE ENJOY SHARING CUSTOMER PHOTOS ON OUR FEED.



+ WRITE A REVIEW

ARE YOU HAPPY WITH YOUR NEW DV8 OFFROAD PRODUCT? WE WOULD LOVE TO HEAR AND SEE YOUR EXPERIENCE. VISIT THE PRODUCT PAGE AND CLICK "WRITE A REVIEW". ADD A SHORT REVIEW AND UPLOAD A FEW PHOTOS TO BE FEATURED ON THE PRODUCT PAGE.

WWW.DV8OFFROAD.COM



+ NEED HELP?

IF YOU ARE HAVING ANY ISSUES WITH YOUR PRODUCT, PLEASE REACH OUT. DV8 OFFROAD IS A COMPANY OF OFF ROAD ENTHUSIASTS THAT DESIGN AND USE OUR OWN PRODUCTS, SO WE WANT YOU TO BE JUST AS STOKED ON YOUR NEW PARTS AS WE ARE.

P. 855.680.9595

E. SALES@DV8OFFROAD.COM

