

BRONCO TUBE BUMPER CAMERA RELOCATION BRACKET

FOR FBFR-02 AND FBBR-08
ABBR-05



TOOLS REQUIRED

- + 10, 13mm socket
- + #5 Allen tool/socket
- + 13mm wrench
- + T30 Trox Bit
- + Trim Clip Tool

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 1.5 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



(6) M8x20 Allen
Head Bolts



(12) M8 Flat
Washers



(6) M8 Nylock
Nuts

PARTS INCLUDED



STEP 1 | USE A TRIM CLIP TOOL TO REMOVE THE CLIPS SECURING THE PLASTIC TRIM TO THE TOP OF THE GRILLE.



STEP 2 | MOVE THE AIR INTAKE COWL UP/BACK AND OUT OF THE WAY.



STEP 3 | REMOVE THE PLASTIC TRIM AND PLACE IT OFF TO THE SIDE.



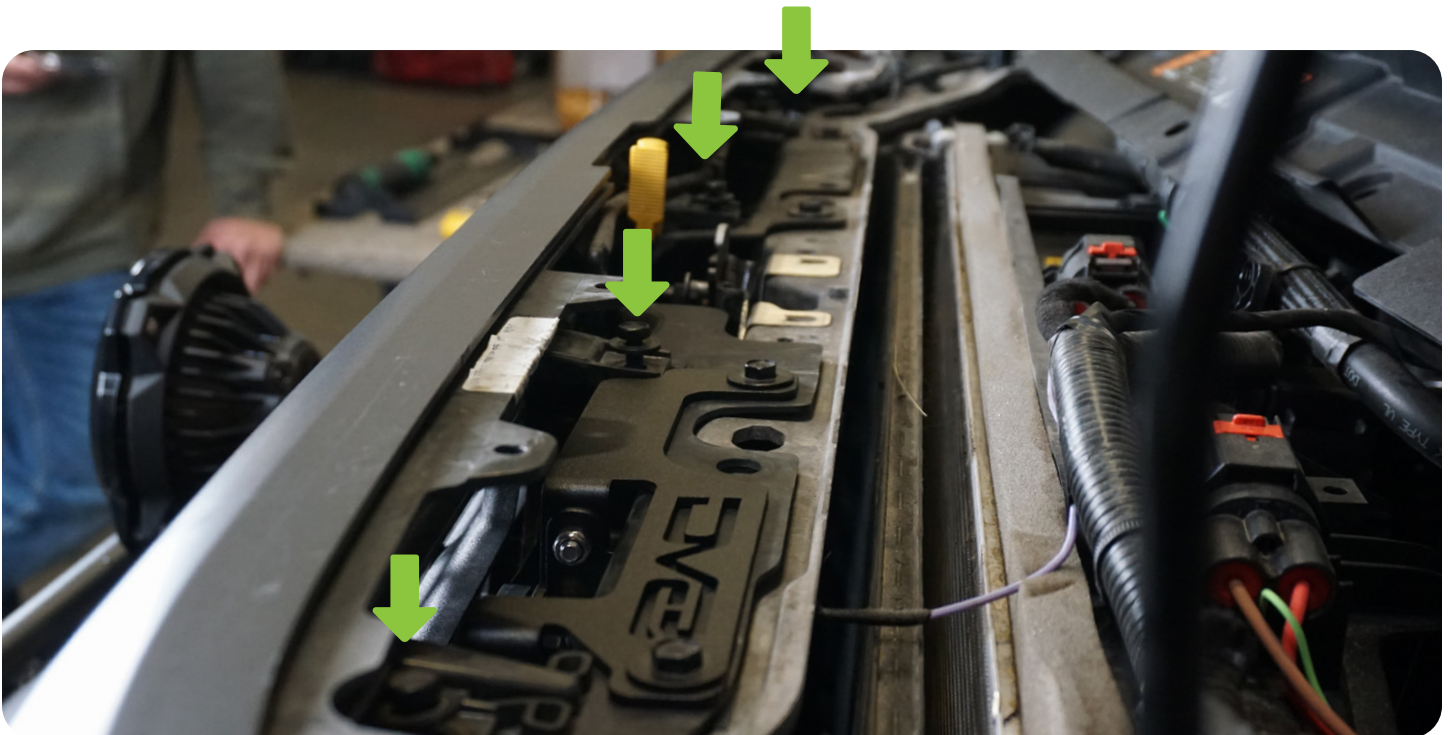
STEP 4 | DISCONNECT THE CAMERA WIRING CONNECTOR BY PRESSING THE RELEASE TAB AND PULLING. DISCONNECT THE SPRAY HOSE CONNECTOR LOCATED ABOVE THE PASSENGERS HEAD LIGHT.



STEP 5 | IF YOUR VEHICLE IS EQUIPPED WITH ADAPTIVE CRUISE CONTROL, DISCONNECT IT NOW BY PRESSING THE RELEASE TAB AND GENTLY PULLING ON THE CONNECTOR.



STEP 6 | USE A 13MM SOCKET TO REMOVE THE HARDWARE SECURING THE GRILLE ASSEMBLY TO THE VEHICLE.



STEP 7 | IF THIS PRODUCT IS BEING INSTALLED ON A RAPTOR, THERE ARE TWO ADDITIONAL STEPS TO PERFORM.

DISCONNECT THE RAPTOR ACCESSORY LIGHTING LOCATED ABOVE THE DRIVERSIDE HEADLIGHT BY PRESSING THE RELEASE TAB AND PULLING.

REMOVE THE VALANCE BY GRABBING THE BOTTOM OF THE CLIP ON EACH SIDE AS SHOWN AND PULL AWAY FROM THE BRONCO TO RELEASE THE SIDE OF THE VALANCE.

PULL THE CENTER OF THE VALANCE AWAY FROM THE BRONCO TO RELEASE THE CLIPS AND SET OFF TO THE SIDE ON A SOFT SURFACE.



STEP 8 | TO REMOVE THE GRILLE, PULL CAREFULLY ON THE GRILLE TOWARDS THE FRONT OF THE VEHICLE TO UN-FASTEN THE CLIPS SECURING THE GRILLE. START AT THE SIDES AND WORK TOWARDS THE MIDDLE.

PLACE THE GRILL OFF TO THE SIDE ON A SOFT WORK SURFACE TO PREVENT DAMAGE TO THE GRILLE.

NOTE: IF YOU DO NOT PULL STRAIGHT AWAY FROM THE VEHICLE, YOU MAY DAMAGE THE CLIPS ON THE GRILLE.



STEP 9 | REMOVE THE CAMERA WIRING CONNECTOR FROM THE CAMERA BY PRESSING THE RELEASE TAB AND GENTLY PULLING.

REMOVE THE CAMERA HOSE FROM THE CAMERA ASSEMBLY BY PULLING IT OUT OF PLACE.



STEP 10 | USE A TRIM CLIP TOOL TO REMOVE THE CLIPS SECURING THE CAMERA HOSE TO THE GRILLE AND PLACE IT OFF TO THE SIDE.



STEP 11 | USE A TRIM CLIP TOOL TO REMOVE THE CLIPS SECURING THE CAMERA WIRING TO THE GRILLE AND PLACE IT OFF TO THE SIDE.

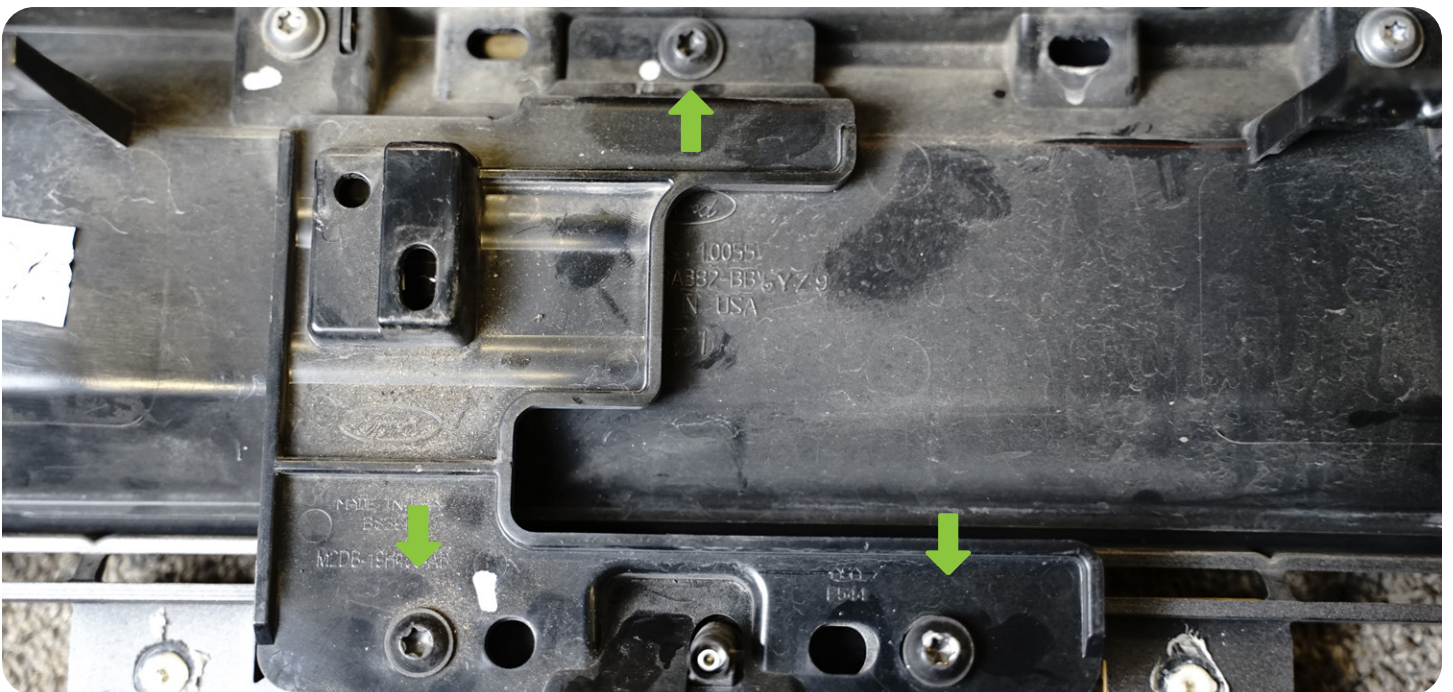
NOTE: CAMERA WIRE WILL NOT BE REUSED.



STEP 12 | USE A T30 TORX BIT TO REMOVE THE BOLTS SECURING THE CAMERA HOUSING ASSEMBLY BRACKET AND SET IT OFF TO THE SIDE.



STEP 13 | REMOVE THE CAMERA HOUSING BRACKET AND PLACE IT OFF TO THE SIDE.





STEP 14 | YOU CAN NOW REMOVE THE CAMERA HOUSING ASSEMBLY.



STEP 15 | BEGIN ASSEMBLING THE MOUNTING BRACKETS TO THE CAMERA HOUSING.

PLACE THE FACE PLATE ON THE HOUSING, FOLLOWED BY SMALL "L" SHAPED BRACKET.

NOTE THE ORIENTATION OF THE "L" SHAPED BRACKET IN THE IMAGE.



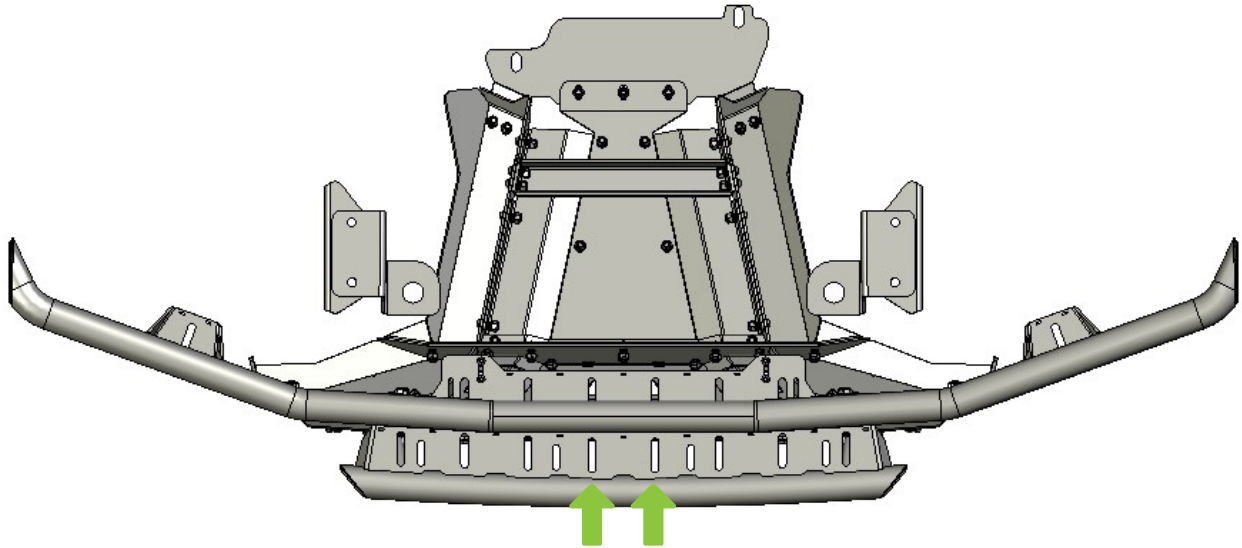
STEP 16 | ADD ON THE WIRE GUARD ONTO THE ASSEMBLY AND THEN SECURE ALL ITEMS INTO PLACE USING (4) OF THE M8X20 BOLTS, WASHERS AND NUTS.

TIGHTEN BOLTS USING A #5 ALLEN AND A 13MM WRENCH/SOCKET.



STEP 17 | ONCE ASSEMBLED, USING THE PROVIDED M8 HARDWARE, MOUNT THE CAMERA ASSEMBLY ONTO THE UNDERSIDE OF THE TUBE BULL BAR, ENSURE TO LEAVE LOOSE.

NOTE: YOU MUST RUN THE BUMPER PROVIDED BULL BAR TO USE CAMERA RELOCATION.



STEP 18 | INSTALL THE INCLUDED EXTENDED CAMERA WIRE TO THE CAMERA.

WHEN INSTALLING THE HOSE TO THE ASSEMBLY, BE SURE TO INSTALL IT IN THE MANNER IT WAS REMOVED.

THE FACTORY HOSE HAS A CHECK VALVE DIRECTLY BEHIND THE ELBOW. CONNECT THE ELBOW TO THE CAMERA ASSEMBLY SO THE CHECK VALVE IS DIRECTLY BEHIND IT.

LATER IN THE INSTRUCTIONS, THE GAP WILL BE BRIDGED USING THE PROVIDED BARBS AND HOSE EXTENSION.



STEP 19 | FOR OUR INSTALL WE ROUTED UNDER THE GRILLE, BEHIND THE PASSENGER SIDE HEADLIGHT.

TO EXTEND THE HOSE, FIRST SEPARATE THE HOSE INTO TWO PIECES BY REMOVING THE CONNECTION LOCATED DIRECTLY BEHIND THE CHECK VALVE.

REMOVE THE REMAINING PLASTIC CONNECTOR, AND USE THE PROVIDED BARBS TO INSTALL THE HOSE EXTENSION.



STEP 20 | CONNECT THE CAMERA WIRING HARNESS BY PRESSING IT INTO PLACE UNTIL THE CLIP IS SECURE.

THEN, CONNECT THE FACTORY HOSE CONNECTORS TO THE FACTORY HOSE LINE ON THE VEHICLE.



STEP 21 | CAREFULLY PLACE THE GRILLE INTO PLACE TO AND SECURE IT BY PRESSING/APPLYING PRESSURE TO THE GRILLE TO PRESS THE CLIPS INTO PLACE.

ENSURE THE GRILLE AND CLIPS ARE ALIGNED AND STRAIGHT BEFORE APPLYING PRESSURE OR YOU MAY BREAK THE CLIPS.



STEP 22 | USE A 13MM SOCKET AND THE FACTORY HARDWARE TO SECURE THE GRILLE TO THE VEHICLE.



STEP 23 | PLACE THE PLASTIC GRILLE TRIM BACK INTO PLACE ABOVE THE GRILLE AND PULL THE FACTORY AIR INTAKE COWL. SECURE USING THE FACTORY PLASTIC GRILLE TRIM USING THE FACTORY PUSH CLIPS.



STEP 24 | TIGHTEN CAMERA MOUNT TO BULL BAR USING #5 ALLEN HEAD AND 13MM SOCKET/WRENCH.
CHECK CAMERA VIEW IN VEHICLE TO MAKE SURE IT IS WORKING PROPERLY.



CONGRATULATIONS

YOU ARE FINISHED WITH THE INSTALL OF THE BRONCO TUBE BUMPER CAMERA RELOCATION KIT.

+ 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.

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+ 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.

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