

CRAWLTEK

REVOLUTION

491 W. GARFIELD AVE., COLDWATER, MI 49036 • 517.278.1039
CRAWLTEKREVOLUTION.COM • E-MAIL: TECH-CRAWLTEK@RIDEFOX.COM

INSTALLATION INSTRUCTIONS

BLAZE FRONT BUMPER

CWLFB12101 - w/o sensors, w/o radar, w/o light cutouts

CWLFB12111 - w/o sensors, w/o radar, with light cutouts

CWLFB12121 - w/o sensors, with radar, with light cutouts

CWLFB12131 - with sensors, with radar, with light cutouts

FOR USE WITH ALL FORD BRONCO 2020-2022



PLEASE READ THROUGH INSTRUCTIONS BEFORE INSTALLING

2024-12-02

WHAT'S IN THE BOX?

PLEASE VERIFY KIT CONTENTS BEFORE BEGINNING INSTALLATION

PART NUMBER:	QTY	CWLFB12101A
06238	1	BUMPER: FRONT FORD BRONCO BLAZE
06249	1	VENT: TOP COVER BRONCO BLAZE - ALUMINUM
990000	6	ZIP TIES
PART NUMBER:	QTY	CWLFB12101B
06240	1	VENT: OUTER FRONT BRONCO BLAZE - DS - NO SENSOR - NO LIGHT
06241	1	VENT: OUTER FRONT BRONCO BLAZE - PS - NO SENSOR - NO LIGHT
06246	1	VENT: CENTER FRONT BRONCO BLAZE - NO SENSOR - NO RADAR
06266	1	BRONCO INTERCOOLER SKID PLATE BRACKET - LOWER STOCK - DRV.
06267	1	BRONCO INTERCOOLER SKID PLATE BRACKET - LOWER STOCK - PASS.
05191	2	BRONCO LOWER INTERCOOLER SPACER
C0047	1	BOLT PACK - VENT HARDWARE
C0048	1	BOLT PACK - MAIN
C0042	1	BOLT PACK - LOGO RIVETS
06176	1	STAINLESS BADGE
PART NUMBER:	QTY	CWLFB12111B
06242	1	VENT: OUTER BRONCO BLAZE - DS - W/O SENSOR - W/ LIGHT
06243	1	VENT: OUTER BRONCO BLAZE - PS - W/O SENSOR - W/ LIGHT
06246	1	VENT: CENTER FRONT BRONCO BLAZE - W/O SENSOR - W/O RADAR
06266	1	BRONCO INTERCOOLER SKID PLATE BRACKET - LOWER STOCK - DRV.
06267	1	BRONCO INTERCOOLER SKID PLATE BRACKET - LOWER STOCK - PASS.
05191	2	BRONCO LOWER INTERCOOLER SPACER
C0047	1	BOLT PACK - VENT HARDWARE
C0048	1	BOLT PACK - MAIN
06262	4	ALUMINUM SPACER FOR LIGHTS
C0042	1	BOLT PACK - LOGO RIVETS
06176	1	STAINLESS BADGE
PART NUMBER:	QTY	CWLFB12121B
06242	1	VENT: OUTER BRONCO BLAZE - DS - W/O SENSOR - W/ LIGHT
06243	1	VENT: OUTER BRONCO BLAZE - PS - W/O SENSOR - W/ LIGHT

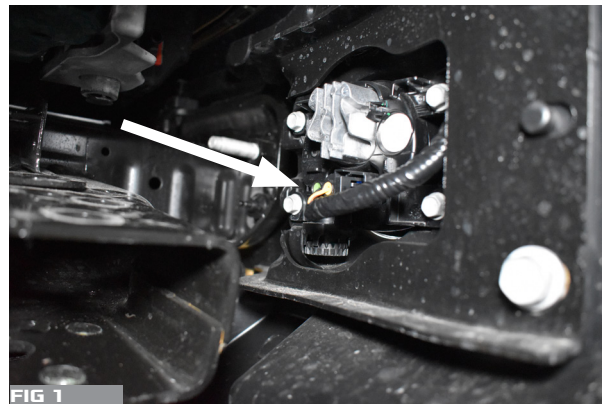


06247	1	VENT: CENTER FRONT BRONCO BLAZE - W/O SENSOR - W/ RADAR
06266	1	BRONCO INTERCOOLER SKID PLATE BRACKET - LOWER STOCK - DRV.
06267	1	BRONCO INTERCOOLER SKID PLATE BRACKET - LOWER STOCK - PASS.
05191	2	BRONCO LOWER INTERCOOLER SPACER
C0047	1	BOLT PACK - VENT HARDWARE
C0048	1	BOLT PACK - MAIN
06262	4	ALUMINUM SPACER FOR LIGHTS
C0042	1	BOLT PACK - LOGO RIVETS
06176	1	STAINLESS BADGE
PART NUMBER:	QTY	CWLFB12131B
06244	1	VENT: OUTER BRONCO BLAZE - DS - W/SENSOR - W/ LIGHT
06245	1	VENT: OUTER BRONCO BLAZE - PS - W/ SENSOR - W/ LIGHT
06248	1	VENT: CENTER FRONT BRONCO BLAZE - W/ SENSOR - W/ RADAR
06271	4	SENSOR: BRONCO OEM PLASTIC SENSOR HOLDER
06273	4	SENSOR: BRONCO OEM PLASTIC BACKSIDE
06266	1	BRONCO INTERCOOLER SKID PLATE BRACKET - LOWER STOCK - DRV.
06267	1	BRONCO INTERCOOLER SKID PLATE BRACKET - LOWER STOCK - PASS.
05191	2	BRONCO LOWER INTERCOOLER SPACER
C0047	1	SENSOR: BRONCO OEM PLASTIC BACKSIDE
C0048	1	BOLT PACK - MAIN
C0050	1	BOLT PACK - BUMPER PARKING SENSOR HARDWARE
06262	4	ALUMINUM LIGHT SPACERS
C0042	1	BOLT PACK - LOGO RIVETS
06176	1	STAINLESS BADGE



FACTORY PLASTIC FRONT BUMPER REMOVAL

1. UNPLUG PASSENGER SIDE FOG LIGHT. FIG. 1

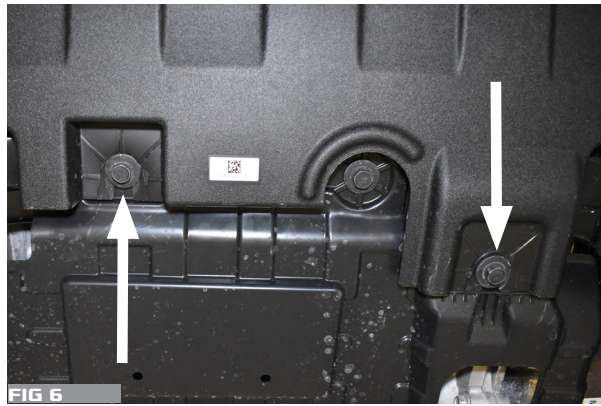


2. UNPLUG DRIVER SIDE BUMPER WIRE HARNESS FOUND IN TOP OF THE BUMPER. FIG. 2, 3



3. REMOVE 4 FRONT SKID PLATE BOLTS. LOOSEN 2 REAR SKID PLATE BOLTS, DO NOT REMOVE. FIG. 4, 5, 6

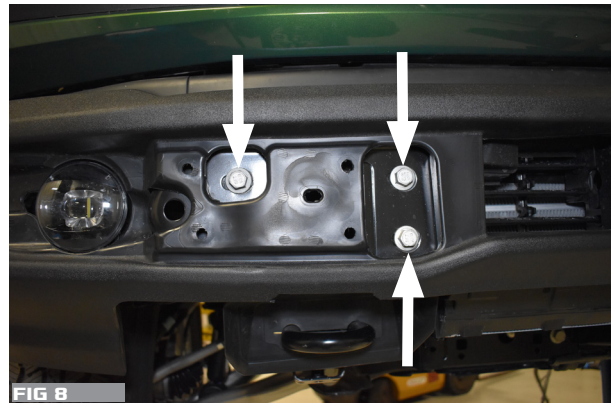




4. REMOVE SKID PLATE.

NOTE: TIGHTEN THE 2 REAR SKID PLATE BOLTS IF NOT INSTALLING THE CRAWLTEK SKID PLATE.

5. PULL TO REMOVE COVERS TO ACCESS AND REMOVE THE 6 PASSENGER AND DRIVER SIDE BUMPER BOLTS. FIG. 7, 8

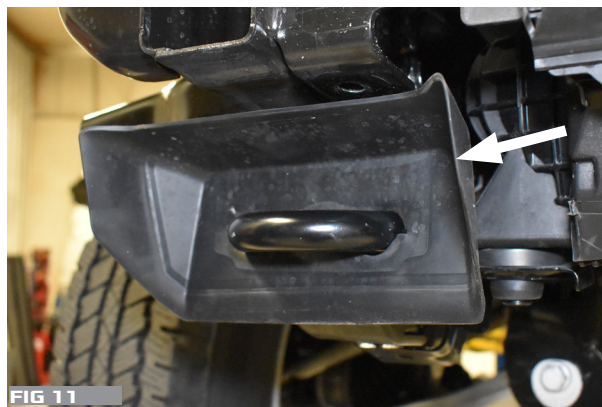


6. LIFT OFF BUMPER.

7. REMOVE 2 PLASTIC RETENTION NUTS TO REMOVE THE PASSENGER SIDE NUT TAB PLATE. REPEAT ON DRIVER SIDE. FIG. 9, 10

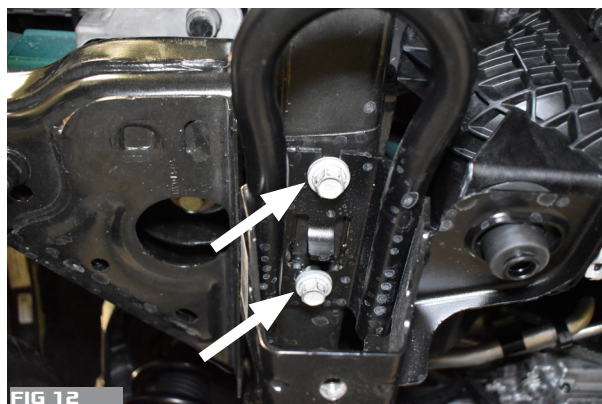


8. REMOVE RUBBER TOW HOOK GUARD. FIG. 11



NOTE: IF NOT INSTALLING THE CRAWLTEK SKID PLATE YOU HAVE THE OPTION TO LEAVE THE OE TOW HOOKS OR REMOVE AND REPLACE THEM WITH THE PROVIDED INTERCOOLER BRACKETS. TO REPLACE THE OE TOW HOOKS WITH THE INTERCOOLER BRACKETS IT IS RECOMMENDED THAT YOU DO ONE SIDE AT A TIME TO PREVENT THE INTERCOOLER FROM FALLING OUT OF THE VEHICLE WHICH COULD RESULT IN INTERCOOLER DAMAGE.

9. REMOVE THE 2 BOLTS RETAINING THE PASSENGER SIDE TOW HOOK TO THE FRAME. REMOVE THE TOW HOOK ASSEMBLY. FIG. 12

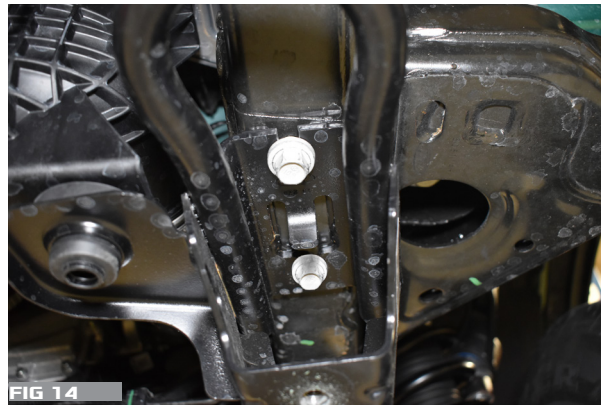


10. INSTALL THE PROVIDED INTERCOOLER BRACKET REUSING THE FACTORY HARDWARE. FIG. 13

NOTE: INTERCOOLER BRACKETS ARE SIDE SPECIFIC.



11. REMOVE THE 2 BOLTS RETAINING THE DRIVER SIDE TOW HOOK TO THE FRAME. REMOVE THE TOW HOOK ASSEMBLY. FIG. 14



12. REMOVE INTERCOOLER RUBBER ISOLATORS ON BOTH SIDES. INSTALL SPACER ABOVE RUBBER ISOLATOR (**FIG. 15A**) BETWEEN INTERCOOLER AND ISOLATOR. (**FIG. 15B**)

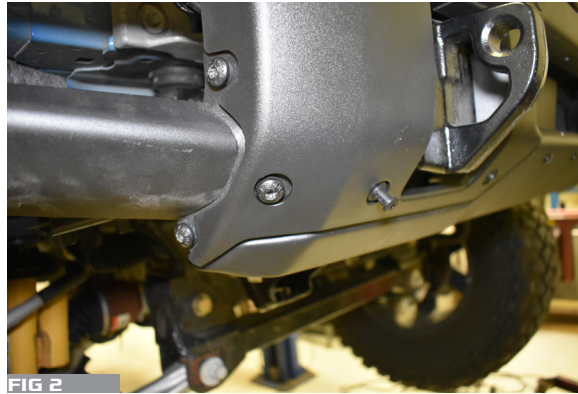


13. INSTALL THE PROVIDED INTERCOOLER BRACKET REUSING THE FACTORY HARDWARE. FIG. 16

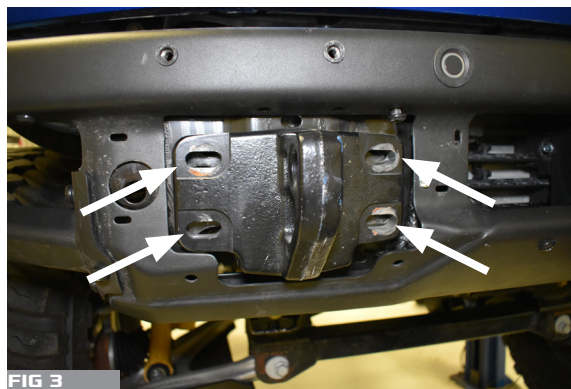


FACTORY STEEL FRONT BUMPER REMOVAL

1. REMOVE 8 CLIPS HOLDING PLASTIC COVER ON. 4 PER SIDE. FIG. 1 & 2



2. REMOVE 4 BOLTS, FIG.3



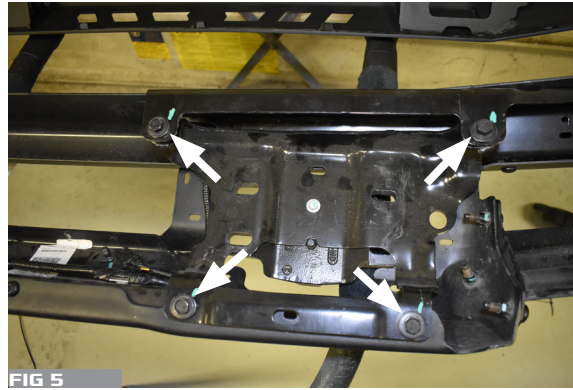
3. UNPLUG WIRE HARNESS. IF EQUIPPED. FIG.4



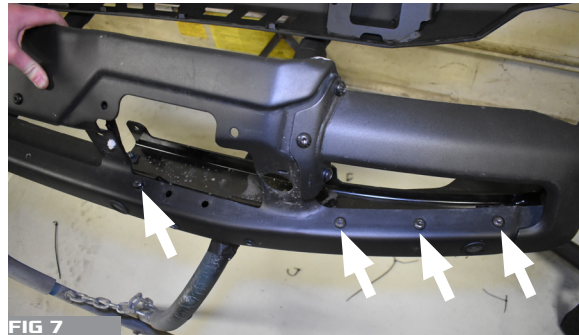
4. REMOVE FACTORY BUMPER FROM VEHICLE.
5. REMOVE BUMPER NUT TABS FROM FRAME.



6. TO REMOVE THE WIRE HARNESS FROM THE FACTORY BUMPER YOU WILL FIRST NEED TO REMOVE THE BRACKETS ON THE INSIDE OF THE BUMPER. REMOVE THE 4 BRACKET BOLTS. FIG. 5 REMOVE THE BRACKETS AND SET ASIDE.



7. REMOVE THE 3 BOLTS ON TOP AND 4 BOLTS ON THE BOTTOM, REMOVE BRACKET AND SET ASIDE. FIG. 6,7



8. USE TRIM TOOL TO REMOVE ALL RETAINER CLIPS. FIG. 8 RETAINING WIRE HARNESS FIG. 9



9. DISCONNECT ALL 4 SENSORS FROM WIRE HARNESS. FIG. 10



10. REMOVE WIRE HARNESS. NOTE LEFT RIGHT ORIENTATION OF HARNESS FOR RE-INSTALLATION

11. REMOVE SENSORS BY SPREADING CLIP TAB SIDES WHILE PRESSING SENSOR FROM THE OUTSIDE IN. FIG. 11,12



BUMPER INSTALLATION

1. LOCTITE INSTALL AND TIGHTEN STUDS IN THE 2 INSIDE THREADED HOLES ON THE NEW BUMPER. FIG. 13



2. INSTALL CENTER VENT GRILL USING THE 6 PROVIDED BOLTS AND NUTS. SNUG BUT DO NOT TIGHTEN UNTIL ALL BOLTS ARE INSTALLED. FIG. 14



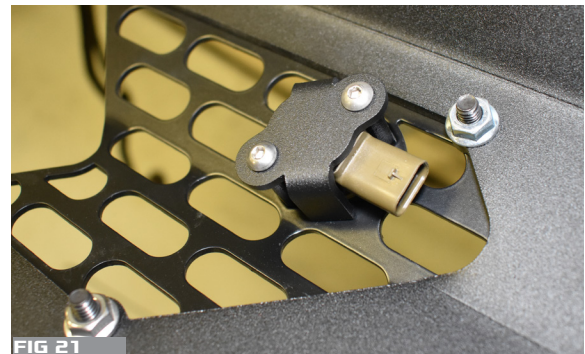
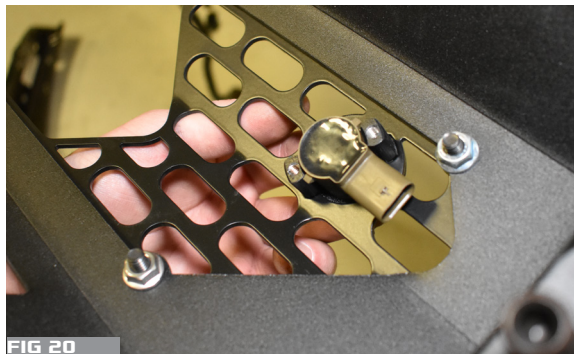
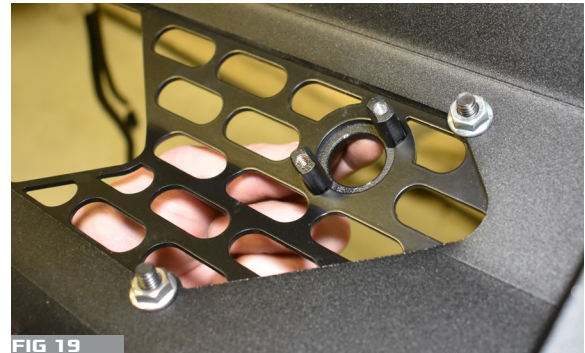
3. INSTALL THE TOP PLATE USING THE 8 BOLTS PROVIDED. DO NOT TIGHTEN AS SOME OF THE BOLTS WILL BE USED TO SECURE THE WIRE HARNESS RETAINING CLIPS. FIG. 15



4. INSTALL THE 2 OUTER VENT GRILLS WITH THE 6 PROVIDED BOLTS. FIG. 16, 17



5. IF EQUIPPED, INSTALL FACTORY SENSORS INTO NEW BUMPER USING PROVIDED BEZEL AND HARDWARE. FIG. 18
INSTALL THE BEZEL FROM THE FRONT OF THE BUMPER, INSTALL SENSOR INTO BEZEL LOCKING INTO PLACE USING BACKING PLATE AND PROVIDED SCREWS. FIG. 19, 20, 21

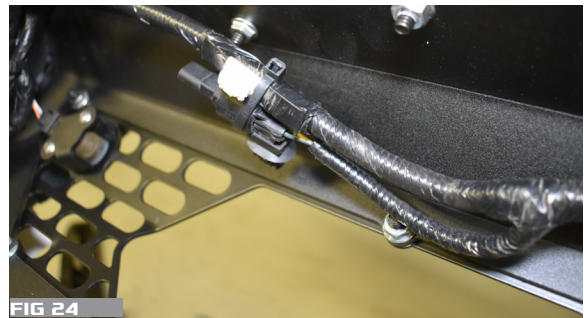
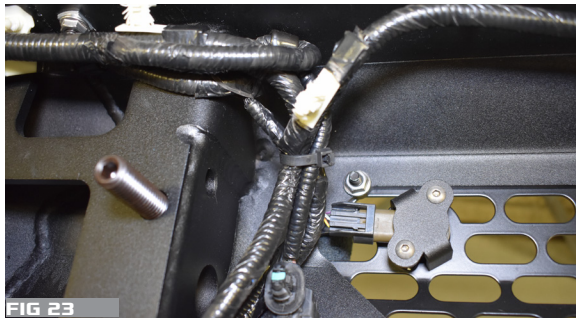


6. NOTE SENSOR ORIENTATION TO MAKE PROPER ALIGNMENT
7. INSTALL LIGHT PODS (NOT PROVIDED) USE PROVIDED SPACER WASHERS IF NEEDED. FIG. 22

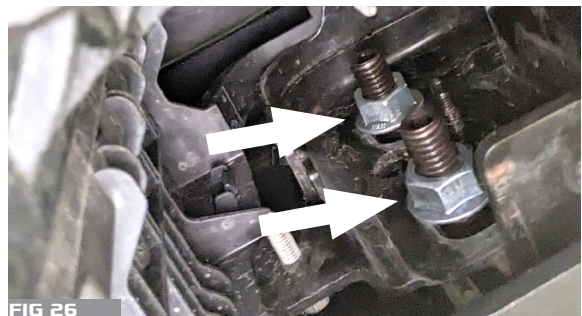
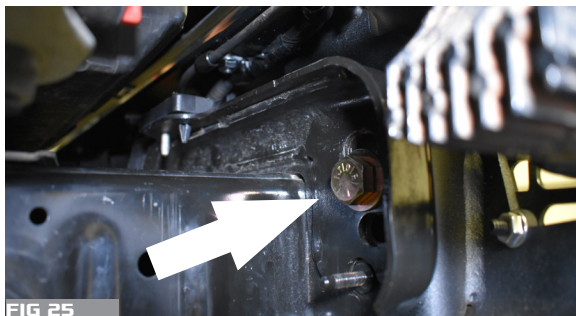
NOTE: DESIGNED WITH BAJA DESIGN 3X3 POD LIGHTS, OTHERS MAY REQUIRE DIFFERENT SPACERS.



8. INSTALL WIRE HARNESS USING PROVIDED CLIPS AS NEEDED. ONCE SECURED THE EXCESS WIRING HARNESS WILL NEED TO BE LOOPED AND ZIP TIED TO SECURE IT TO THE INSIDE OF THE BUMPER. FIG. 23, 24



9. TO INSTALL BUMPER 2 PEOPLE ARE RECOMMENDED. LIFT BUMPER INTO PLACE ALIGNING 4 STUDS AND INSTALLING THE 2 PROVIDED BOLTS FIRST, 1 ON EACH SIDE. FIG. 25 NEXT INSTALL THE 4 STUD NUTS. FIG. 26 CHECK BUMPER FITMENT AND LEVEL IF NEEDED BEFORE TIGHTENING HARDWARE AND CHECK TO MAKE SURE THAT THE WIRE HARNESS IS NOT PINCHED. TORQUE HARDWARE TO 65 FT-LBS.



10. PLUG IN THE WIRE HARNESS.
11. INSTALL CRAWLTEK BADGE WITH PROVIDED RIVETS





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