

PRODUCT- TJM SINGLE COMPRESSOR MOUNTING BRACKET (WITH/WITHOUT SUBWOOFER)

VEHICLE- NEXT GEN EVEREST 09/2022+

PART NUMBER- JBA-CB206S, KIT2, KIT3, KIT4, KIT5

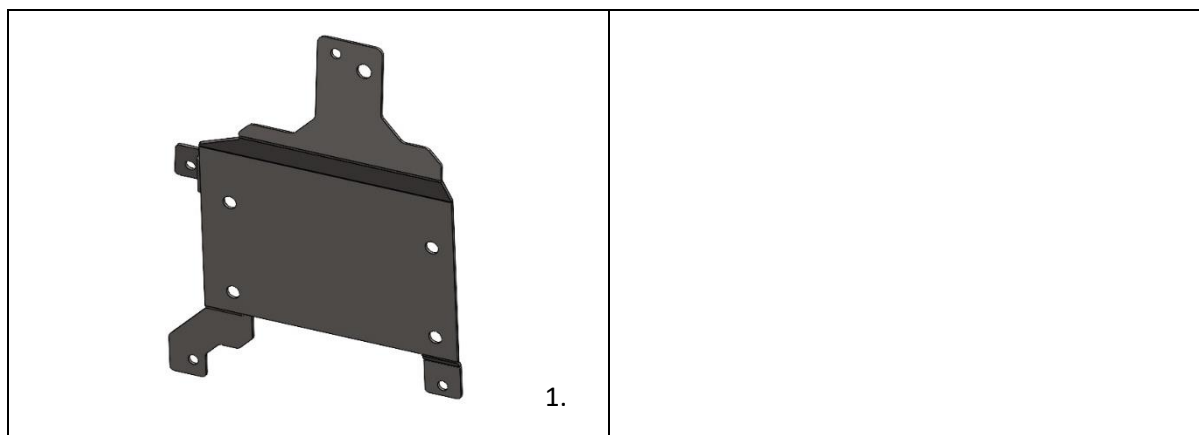
ESTIMATED FIT TIME

- | | |
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| - REMOVAL AND REFITMENT OF SEAT AND INTERIOR PANELS | 90-120 MINS |
| - REMOVAL OF DRAWER SYSTEM (IF REQUIRED) | 60-90 MINS |
| - PREPARATION AND MOUNTING OF COMPRESSOR AND BRACKET | 60 MINS |
| - ELECTRICAL WIRING AND PLUMBING OF AIR OUTLETS | 90-120MINS |

IMPORTANT NOTES

- READ INSTRUCTIONS CAREFULLY PRIOR TO FITMENT
- ENSURE 567 THREAD SEALANT IS APPLIED TO ALL AIR THREADS INSTALLED
- ENSURE THAT ALL TRIM CLIPS ARE REMOVED FROM THE VEHICLE WHEN REMOVING PANELS AND RE-INSERTED BACK INTO THE PANELS BEFORE RE-INSTALLATION (SEE STEPS 1.31-1.33).
- REFER TO TJM COMPRESSOR INSTALLATION INSTRUCTIONS FOR WIRING SPECIFICATIONS
- NITTO FITTING USED 013COMPFF01 SUPPLIED SEPARATELY (NOT BY JBA) AVAILABLE THROUGH TJM STORES

KIT CONTENTS

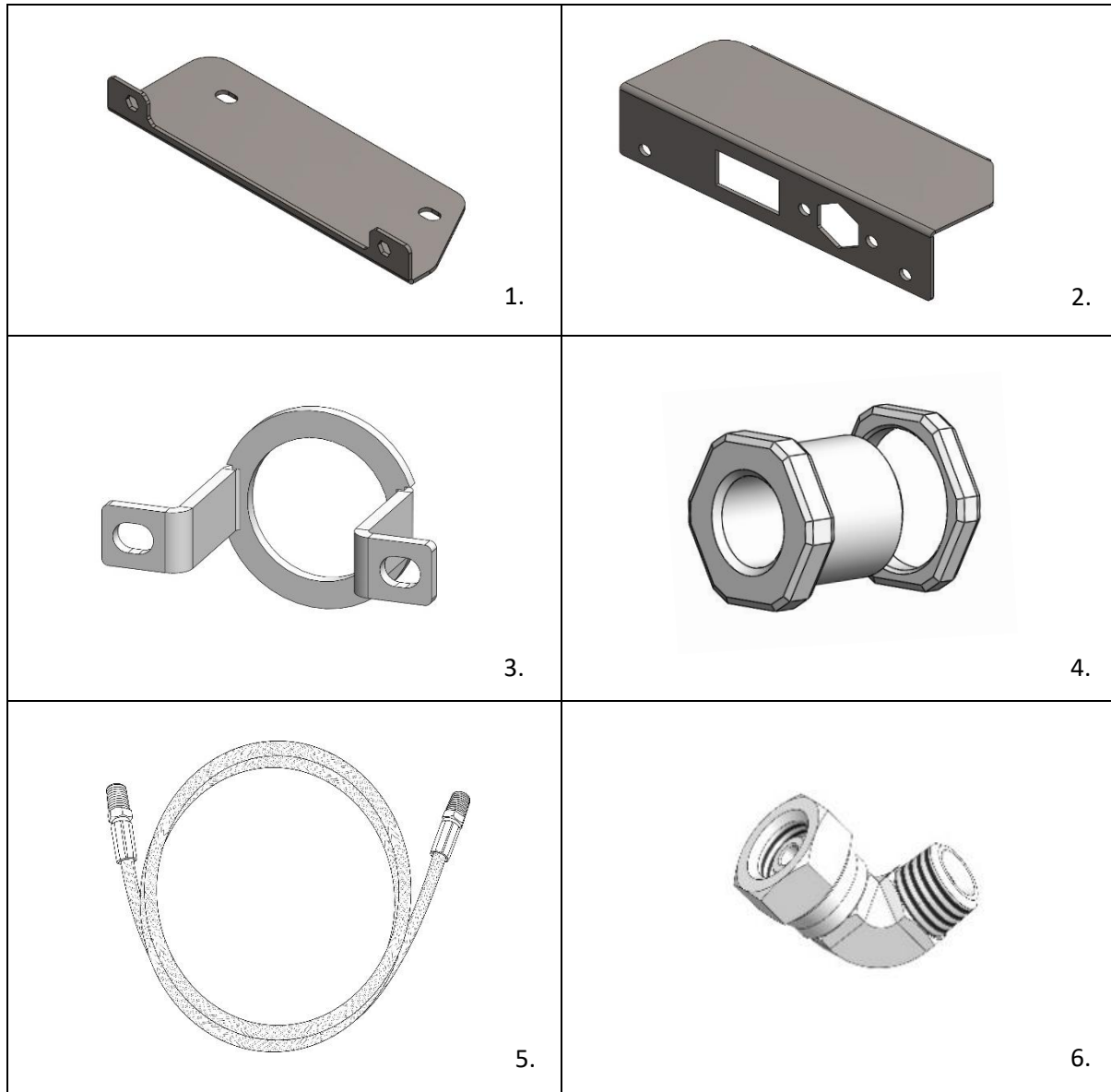


ITEM	DESCRIPTION	PART NO.	QTY
1	NEXT GEN EVEREST SINGLE COMPRESSOR BRACKET	10-CB206S-A	1
2	M6 x 20MM SEMS ASSEMBLY Z/Y	B48 0620ZY	4
3	M6 HEX SERR FLANGE NUT Z/Y	N24 06ZY	3
4	M8 X 16MM BUTTON HD SOCKET SCR GR 304 S/S	X72 08016304	4
5	5/16 X 3/4 X 18G FLAT WASHER GR 304 S/S	X79 082018G304	8
6	M8 NYLON INSERT LOCK NUT GR 304S/S	X53 8304	4

OPTIONAL KIT PARTS

JBA-CB206SKIT2

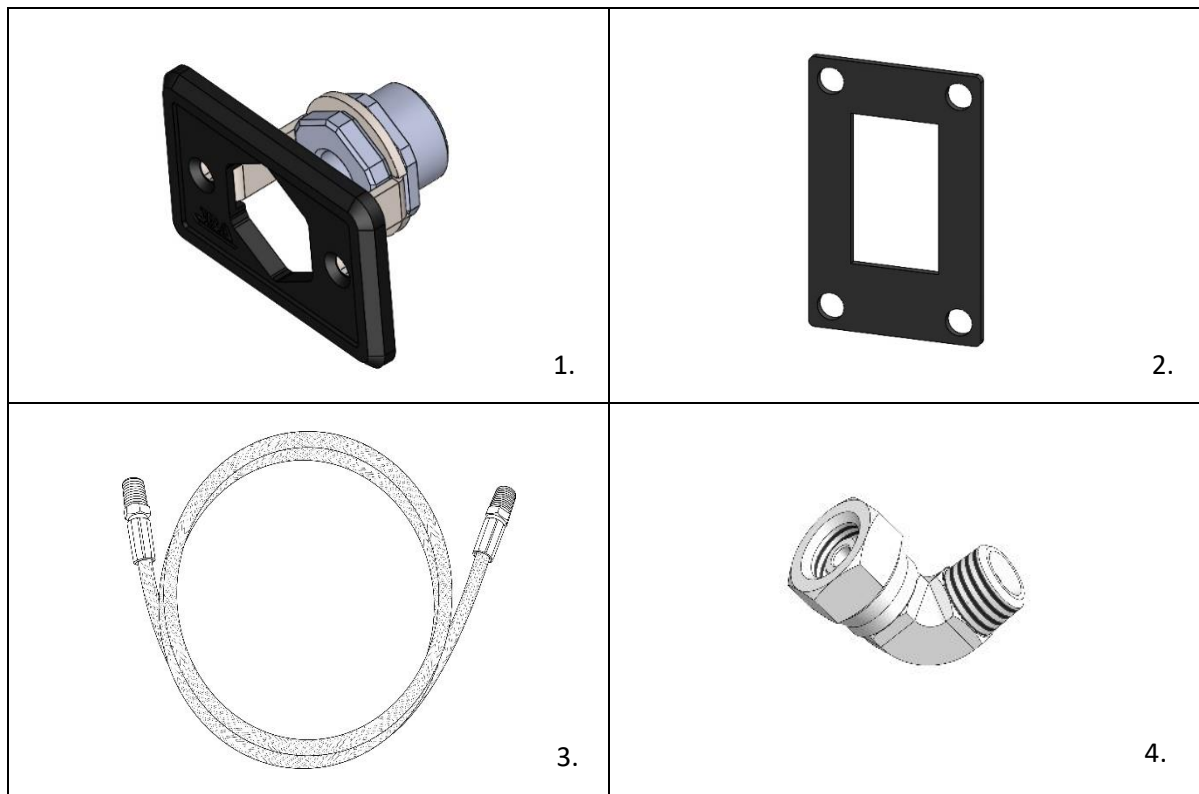
JBA KIT- NEXT GEN EVEREST BRACKET WITH QUARTER PANEL AIR OUTLET AND SWITCH MOUNT



ITEM	DESCRIPTION	PART NO.	QTY
1	NEXT GEN EVEREST TOOL COMPARTMENT INNER BKT	10-CB206STAS-A	1
2	NEXT GEN EVEREST TOOL COMPARTMENT OUTER BKT	10-CB206STAS-B	1
3	JBA BULK HEAD RECESSED HOUSING BRACKET	10-CB101B	1
4	JBA COMPRESSOR BULK HEAD AND NUT	JBA-CB103	1
5	JBA STAINLESS HOSE 2000MM	JBA-CB115	1
6	JBA STAINLESS ELBOW 90 DEGREE	JBA-CB106	2

JBA-CB206KIT3

JBA KIT- JBA KIT- NEXT GEN EVEREST WITH DRAWER FRONT AIR OUTLET AND SWITCH MOUNT



ITEM	DESCRIPTION	PART NO.	QTY
1	JBA BULK HEAD RECESSED FIT PANEL	JBA-CB101	1
2	JBA SWITCH MOUNTING PLATE	JBA-CB901	1
3	JBA STAINLESS HOSE 1200MM	JBA-CB113	1
4	JBA STAINLESS ELBOW 90 DEGREE	JBA-CB106	2

1. PREPARING THE VEHICLE



STEP 1.1 START AT THE REAR PASSENGER SIDE DOOR, FOLD THE PASSENGER SECOND ROW OF SEATS AND SLIDE ALL THE WAY FORWARD.



STEP 1.2 POP OPEN THE PLASTIC COVER AND UNDO SEAT BELT BOLT USING T50 TORX BIT.



STEP 1.3 PULL BACK THE DOOR GASKET AS SHOWN.



STEP 1.4 AT THE REAR OF THE SIDE TRIM, UNDO THE RETAINING SCREW USING T20 TORX BIT.



STEP 1.5 REMOVE SIDE TRIM. START AT THE FRONT (LEFT SIDE) BY PULLING TOWARDS THE FRONT OF THE VEHICLE TO SLIDE OFF TABS AS SHOWN. THEN RELEASE THE TABS AT THE REAR (RIGHT SIDE) OF THE TRIM.



STEP 1.6 PULL UP THE DOOR TRIM. (CHECK FOR TRIM CLIPS LEFT IN THE VEHICLE)



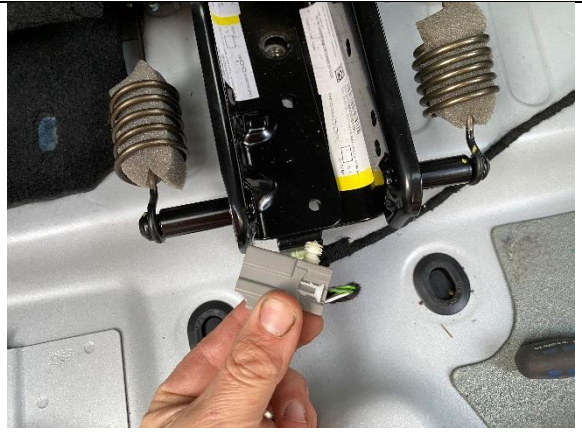
STEP 1.7 MOVE TO THE REAR OF THE VEHICLE AND REMOVE THE PLASTIC T-SCREW BY HAND AS SHOWN.



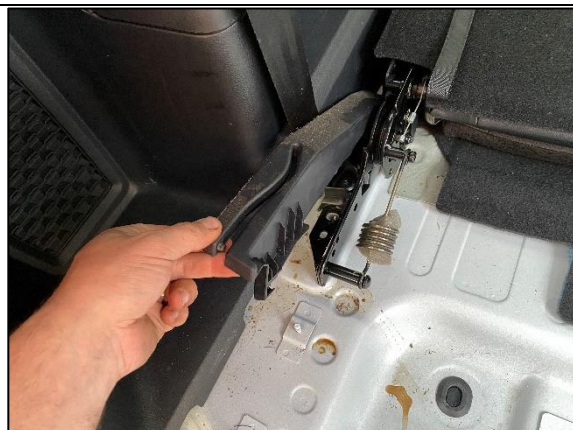
STEP 1.8 OPEN THE TOOL COMPARTMENT. REMOVE THE JACK COVER AND JACK AND SET ASIDE.



STEP 1.9 REMOVE THE 5 X 10MM (M6) NUTS AND FULLY REMOVE THE TOOL COMPARTMENT AS SHOWN.



STEP 1.10 IF FITTED, DISCONNECT THE SEAT WIRING LOOM IN THE CENTRE BRACKET THEN UNCLIP THE LOOM FROM THE BRACKET AS SHOWN.



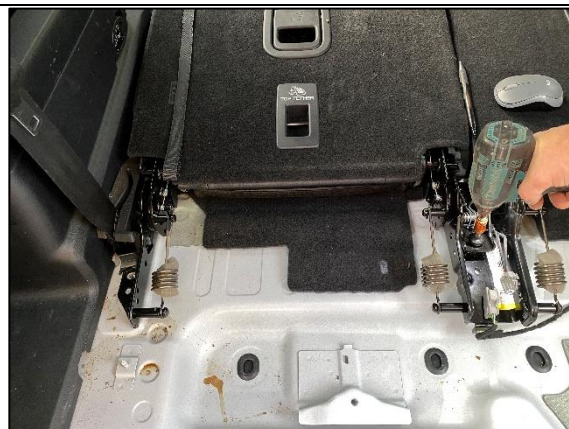
STEP 1.11 REMOVE THE PLASTIC TRIM COVER ON THE LEFT SEAT. PULL BACKWARDS AND UP.



STEP 1.12 CHECK FOR THE CLIPS AS SHOWN. IF STILL IN VEHICLE, REMOVE AND REFIT TO PLASTIC TRIM FOR RE-INSTALL LATER.



STEP 1.13 REMOVE THE PASSENGER SIDE SEAT BELT BOLT USING T50 TORX BIT.



STEP 1.14 REMOVE CENTRE POSITION SEAT BOLT AS SHOWN. FULLY REMOVE SEAT BELT CLIP ASSEMBLY (YOU MAY NEED TO FOLD SEAT UP TO DO THIS).



STEP 1.15 MOVE BACK TO THE 2ND ROW SEAT DOOR AND FOLD THE 3RD ROW SEAT BACK UP. REMOVE PLASTIC TRIM COVER, PULL TOWARDS FRONT OF CAR TO SLIDE OVER TAB THEN LIFT THE REAR UP.



STEP 1.16 UNDO T50 BOLT EXPOSED FROM STEP 1.15.



STEP 1.17 REMOVE THE T50 BOLT FROM BETWEEN THE SEAT, YOU MAY NEED A SHORT EXTENSION TO ACCESS THIS BOLT.



STEP 1.18 REMOVE THE CENTRE COVER BY PULLING TOWARDS THE FRONT OF THE VEHICLE. (CHECK FOR CLIPS) AND REMOVE PASSENGER SIDE T50 BOLT.



STEP 1.19 FOLD THE SEAT UP AND REMOVE THE LAST BOLT AS SHOWN.



STEP 1.20 FULLY REMOVE THE SEAT FROM THE VEHICLE AND SET ASIDE ON A SOFT CLEAN SURFACE.



STEP 1.21 MOVE TO THE REAR OF THE VEHICLE AND PULL BACK THE GASKET AS SHOWN.



STEP 1.22 REMOVE THE CENTRE COVER USING TRIM TOOL AS SHOWN.



STEP 1.23 PULL THE REAR TRIM COVER UP AND REMOVE.



STEP 1.24 REMOVE THE 2 X T30 TORX SCREWS FROM THE TIE DOWN AND REMOVE TIE DOWN.



STEP 1.25 OPEN THE PLASTIC COVER AS SHOWN AND REMOVE 2 X PHILLIPS HEAD SCREWS BEHIND TRIM.



STEP 1.26 START AT THE REAR OF THE VEHICLE AND BEGIN PULL TRIM BACK. THEN PULL BACK FROM THE 2ND ROW SEAT DOOR. FULLY REMOVE REAR QUARTER PANEL AND SET ASIDE ON A SOFT CLEAN SURFACE.



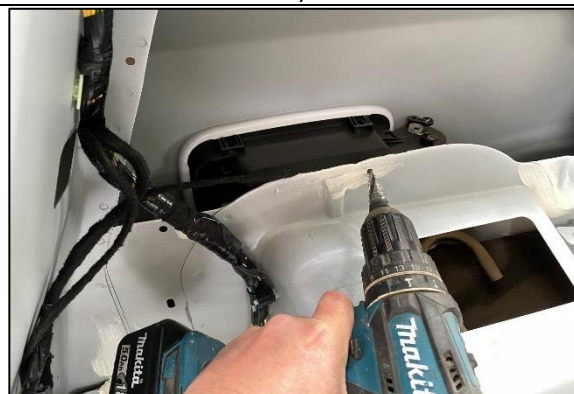
STEP 1.27 IF A SUBWOOFER IS FITTED, UNCLIP WIRING AND REMOVE 4 X M6 SCREWS.



STEP 1.28 TEMPORARILY FIT THE COMPRESSOR BRACKET IN THE TWO LOCATIONS SHOWN (DON'T FIT THE COMPRESSOR YET). USE M6 X 20 SEMS (USE M6 WHIZZ NUT AT REAR OF BOTTOM LEFT POSITION).



STEP 1.29 MARK THE TWO REMAINING HOLES BOTTOM RIGHT AND TOP LEFT.



STEP 1.30. REMOVE THE BRACKET AND DRILL OUT THE MARKED HOLES TO 7MM AND TREAT EXPOSED EDGES WITH RUST PREVENTATIVE. BE EXTREMELY CAREFUL TO ENSURE DRILL BIT DOESN'T PULL THROUGH AND DAMAGE OUTER BODY PANEL.

REFERENCE PICS FOR TRIM CLIPS



STEP 1.31 REFERENCE PICS FOR TRIM CLIP (EXAMPLE ONLY). AS YOU ARE REMOVING PANELS, KEEP NOTICE OF ANY CLIPS THAT HAVE REMAINED IN THE VEHICLE- NORMALLY WHITE OR GREEN AS SHOWN.



STEP 1.32 USE A TRIM CLIP REMOVER TO POP OUT OF THE VEHICLE AS SHOWN.



STEP 1.33 RE-INSERT INTO THE PLASTIC TRIM PANEL LOCATION. THEY WILL NORMALLY SLIDE IN AND POP INTO POSITION. THESE STEPS WILL ENSURE AN EASIER RE-INSTALLATION OF THE PANELS LATER.

2. PREPARING THE COMPRESSOR



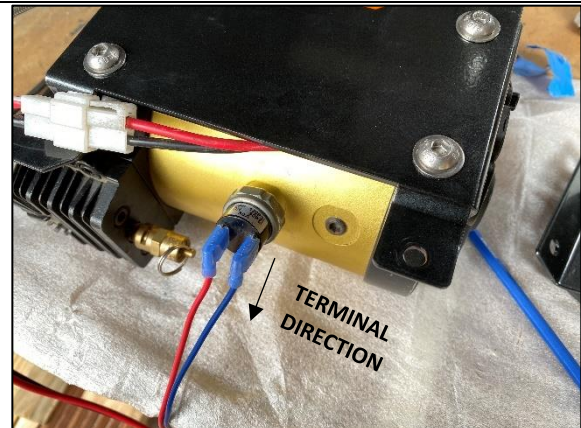
STEP 2.1 IF NOT FITTING A 2.5L TANK, SEPARATE THE TJM COMPRESSOR FROM THE TJM BASE BRACKET AND MOUNT TO THE JBA BRACKET AS SHOWN USING 4 OFF M8 X 16 SOCKET HEAD SCREWS WITH A WASHER UNDER THE HEAD. ENSURE THE M8 NUTS AND WASHER ARE ON THE INSIDE OF THE BRACKET AS SHOWN.



STEP 2.2 IF FITTING A 2.5L TANK, FIT THE TJM BASE BRACKET USING 2 X M8 X 16 SCREWS TO THE LEFT HAND SIDE. FIT THE JBA-CB306-B TANK BRACKET JOINER IN THE BOTTOM RIGHT POSITION ONLY USING M8 X 20 SCREW (FROM TANK BKT KIT). LEAVE THIS SCREW LOOSE ENOUGH TO ENABLE JOINER BRACKET TO ROTATE FOR INSTALL LATER.



STEP 2.3 RE-INSTALL THE TJM COMPRESSOR THE BASE BRACKET IN THE ORIENTATION SHOWN.



STEP 2.4 FIT THE PRESSURE SENSOR TO THE BOTTOM, FRONT LEFT 1/8" LOCATION SHOWN. ENSURE TERMINALS FROM THE WIRING LOOM ARE FACING IN THE DIRECTION SHOWN.

2A. OPTIONAL STEPS IF FITTING JBA KITS 2,3,4 AND 5 (ENSURE 567 THREAD SEALANT USED ON ALL JOINS)



STEP 2A.1 IF NOT FITTING A TANK, FIT THE 90 DEGREE ELBOW (JBA-CB106) TO THE **TOP** OF THE COMPRESSOR FACING TOWARDS THE FILTER/MOTOR END AS SHOWN. CONNECT THE JBA STAINLESS HOSE FOR THE RELEVANT KIT.



STEP 2A.2 IF FITTING A TANK, INSTALL THE 90 DEGREE ELBOW (JBA-CB106) TO THE **BOTTOM** OF THE COMPRESSOR FACING THE NON MOTOR END AS SHOWN. CONNECT THE JBA 400MM STAINLESS HOSE (JBA-CB111).

3. INSTALLING THE BRACKET AND COMPRESSOR INTO THE VEHICLE



STEP 3.1 IF NOT FITTING A TANK AND USING JBA STAINLESS HOSE KITS, BEFORE LIFTING THE COMPRESSOR IN TO PLACE, RUN THE STAINLESS HOSE BEHIND THE FORD LOOM AS SHOWN.



STEP 3.2 FIT THE 4 X M6 X 20 SEMS SCREWS TO PREVIOUSLY PREPARED LOCATIONS. TIGHTEN M6 WHIZZ NUTS FROM BEHIND.



STEP 3.3 IF VEHICLE HAS A SUBWOOFER, REMOVE THE TOP M6 X 20 SCREW AND REFIT THE SUB (RECONNECT WIRING).

STEP 3.4 REFER TO KIT SPECIFIC INSTRUCTIONS BELOW FOR AIR/SWITCH INSTALL. ONCE THESE STEPS ARE COMPLETED

- FULLY TIGHTEN ALL MOUNTING SCREWS.
- COMPLETE ELECTRICAL WIRING AS PER TJM COMPRESSOR INSTRUCTIONS.
- NEATLY CABLE TIE THE LOOM AND HOSE AS SHOWN
- TEST COMPRESSOR AND CHECK FOR ANY LEAKS.
- RE-ASSEMBLE VEHICLE AND WIPE DOWN.

3A. JBA-CB206-KIT2 FITTINGS FOR TOOL COMPARTMENT INSTALLATION



STEP 3A.1 RUN 2000MM HOSE AND SWITCH WIRING LOOM ALONG FORD BODY LOOM AND CABLE TIE. THEN RUN ACROSS AND CABLE TIE TO SEAT MOUNTING BRACKETS.



STEP 3A.2 CLOSE UP OF CABLE TIE POINTS ON SEAT BRACKETS. ENSURE TUCKED BACK SO TOOL COMPARTMENT CAN BE REFITTED LATER.



STEP 3A.3 DRILL 15MM HOLE APPROX 30MM FROM BOTTOM AND 15MM FROM LEFT EDGE FOR THE HOSE. DRILL A SECOND SMALLER HOLE FOR WIRING LOOM.



STEP 3A.4 RE-INSTALL THE TOOL COMPARTMENT AND FIT THE JBA-CB206STAS-A INNER BRACKET TO THE 2 X M6 NUT LOCATIONS AS SHOWN.



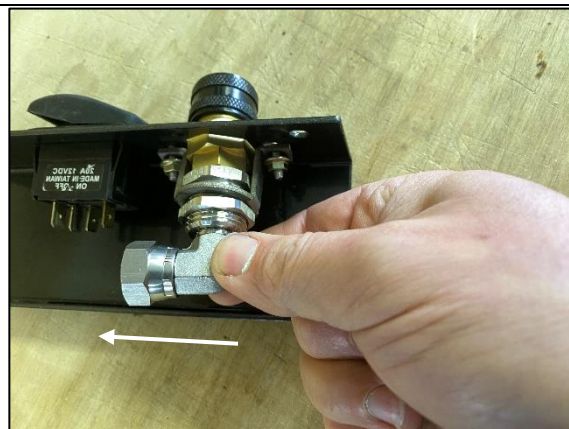
STEP 3A.5 FIT THE TJM NITTO FITTING (NOT SUPPLIED BY JBA) TO JBA-CB103 BULKHEAD. ENSURE FLAT FACES ALIGN AS SHOWN.



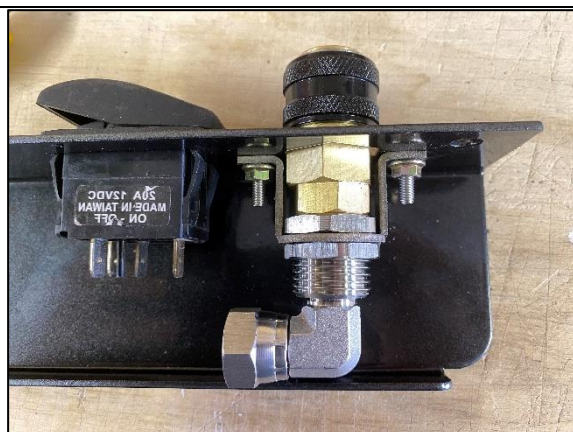
STEP 3A.6 FIT THE JBA-CB101B MOUNTING BRACKET LOOSELY SO THE THREADS OF THE NUT ARE JUST STARTED.



STEP 3A.7 FIT THE NITTO FITTING AND BULKHEAD AND FIT THE NUT LOOSELY AGAIN JUST A FEW TURNS AS SHOWN. THESE STEPS ENSURE THE 90 DEGREE ELBOW CAN BE FITTED IN THE NEXT STEP.



STEP 3A.8 FIT THE JBA-CB106 90 DEGREE ELBOW AS SHOWN USING 567 THREAD SEALANT AND FULLY TIGHTEN THE ELBOW IN THE DIRECTION SHOWN.



STEP 3A.9 FULLY TIGHTEN THE JBA-CB103 BULKHEAD NUT (ENSURE THREAD SEALANT OR LOCTITE IS USED ON THE NUT). FULLY TIGHTEN M4 NYLOCS ON BRACKET NOW TOO.



STEP 3A.10 POSITION BRACKET IN VEHICLE AND CONNECT SWITCH WIRING FIRST THEN STAINLESS HOSE USING 567 THREAD SEALANT.



STEP 3A.11 FIT THE OUTER BRACKET TO THE INNER BRACKET USING M4 X 16 CSK HEAD SCREWS AS SHOWN.

3B. KIT3 FITTINGS FOR DRAWER FRONT INSTALLATION (ENSURE 567 THREAD SEALANT IS USED FOR ALL JOINS)



STEP 3B.1 RUN JBA-CB113 1200MM HOSE THROUGH TRIM GAP AS SHOWN.



STEP 3B.2. INSTALL JBA-CB901 SWITCH PLATE AND JBA-CB101 BULKHEAD FASCIA ON TO DRAWER FRONT AS SHOWN REFERRING TO INDIVIDUAL PARTS SEPARATE INSTRUCTIONS.