

PRODUCT- TJM SINGLE COMPRESSOR MOUNTING BRACKET (RETAIN SUBWOOFER)

VEHICLE- 300 SERIES LANDCRUISER 2021+

PART NUMBER- JBA-CB204

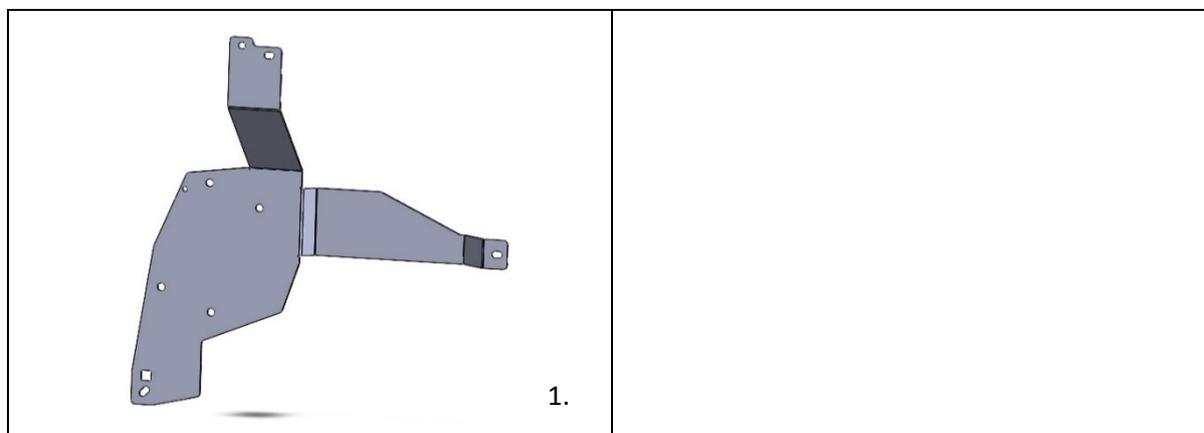
ESTIMATED FIT TIME

- REMOVAL AND REFITMENT OF SEAT AND INTERIOR PANELS 60 MINS
- REMOVAL OF DRAWER SYSTEM (IF REQUIRED) 60-90 MINS
- PREPERATION 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 WITH KITS 2 AND 3 SUPPLIED WITH TJM AIRLINE KIT (013COMPKN) SUPPLIED SEPERATLEY (NOT BY JBA) AVAILABLE THROUGH TJM STORES

KIT CONTENTS

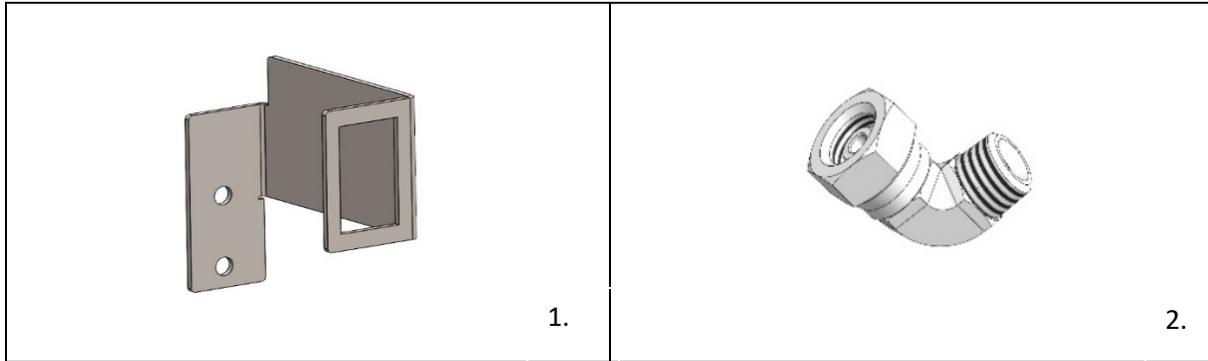


ITEM	DESCRIPTION	PART NO.	QTY
1	300 SERIES SINGLE COMPRESSOR BRACKET	10-CB204A	1
2	M6 x 20MM SEMS ASSMEMBLY Z/Y	B48 0620ZY	3
3	M6 HEX SERR FLANGE NUT ZY	N24 06ZY	1
4	M8 X 16MM HEX HEAD SET SCREW GR 8.8 316 S/S	X07 80168.8316	4
5	5/16 X 3/4 X 18G FLAT WASHER GR 304 S/S	X79 082018G304	8
6	M8 NYLON INSERT LOCK NUT GR 304S/S	X53 8304	4
7	M4 X 12 PAN HEAD	X37 0412PP304	1
8	M4 WHIZZ NUT Z/Y	N24 04ZY	1

OPTIONAL KIT PARTS

JBA-CB204KIT2

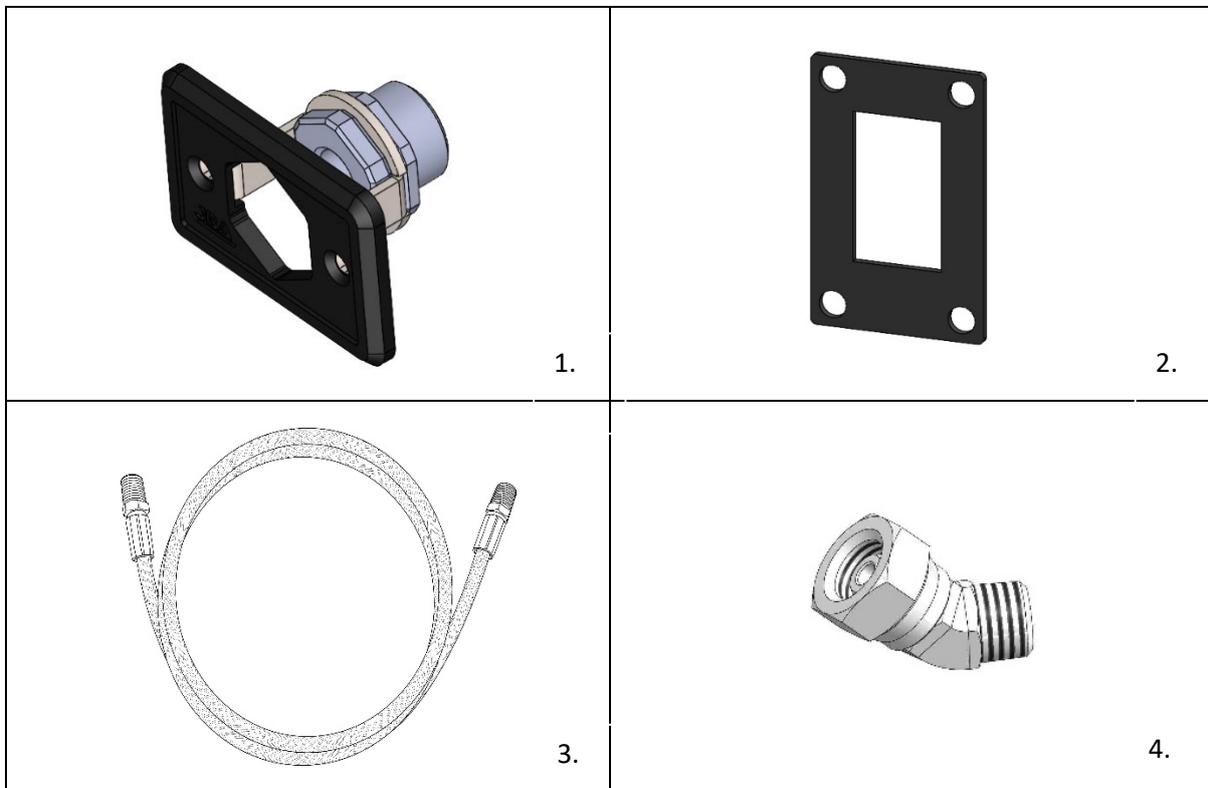
JBA KIT- 300 SINGLE BRACKET WITH QUARTER PANEL AIR OUTLET AND SWITCH MOUNT

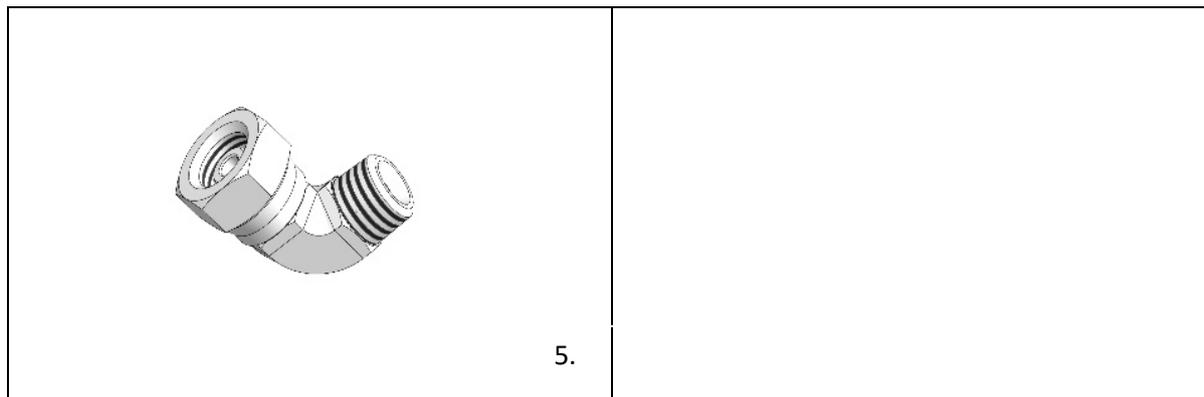


ITEM	DESCRIPTION	PART NO.	QTY
1	300 SERIES SWITCH BRACKET	10-CB231S	1
2	JBA STAINLESS ELBOW 90 DEGREE	JBA-CB106	1

JBA-CB204KIT3

JBA KIT- JBA KIT- 300 SINGLE BRACKET 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 800MM	JBA-CB112	1
4	JBA STAINLESS ELBOW 45 DEGREE	JBA-CB105	1
5	JBA STAINLESS ELBOW 90 DEGREE	JBA-CB106	1

1. PREPARING THE VEHICLE



STEP 1.1 START AT THE REAR PASSENGER SIDE DOOR AND FOLD THE PASSENGER SECOND ROW OF SEATS FORWARD AS SHOWN.



STEP 1.2 REMOVE PLASTIC TRIM LEVERING UP FROM BODY CLIPS AS SHOWN.



STEP 1.3 REMOVE THE SECOND ROW SEAT BELT USING 14MM SOCKET.



STEP 1.4 MOVE TO REAR OF THE VEHICLE AND REMOVE TIE DOWN POINTS USING 10MM SOCKET (BOTH LEFT AND RIGHT SIDES).



STEP 1.5 PULL OUT TRIM PANELS (LEFT AND RIGHT SIDES) AS SHOWN. (CHECK FOR ANY TRIM CLIPS THAT MAY HAVE REMAINED IN THE VEHICLE, REMOVE AND REFIT TO THE PANEL SEE STEPS 1.25-1.27).



STEP 1.6 REMOVE REAR TRIM PANEL PULLING BODY CLIPS UP FROM LEFT TO RIGHT AS SHOWN. (CHECK FOR TRIM CLIPS)



STEP 1.7 FOLD THE PANEL OVER AND REMOVE 3 X TRIM CLIPS AND BOTH LEFT AND RIGHT SEATS TO FULLY REMOVE PANEL.



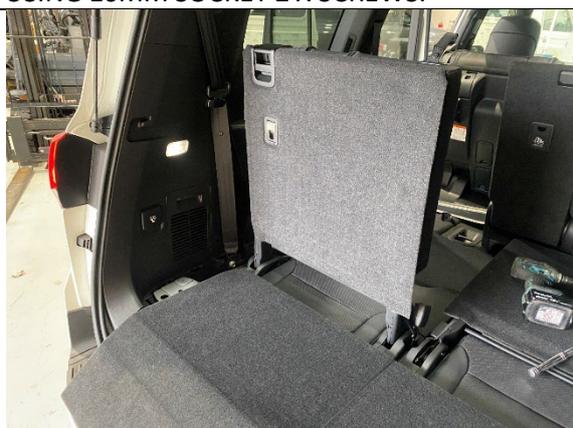
STEP 1.8 REMOVE REAR TRIM PANEL COMPLETELY AS SHOWN. (CHECK FOR TRIM CLIPS)



STEP 1.9 REMOVE REAR SUPPORT BRACKETS USING 10MM SOCKET 2 X SCREWS.



STEP 1.10 UNCLIP THE TWO WIRING LOOMS ON THE PASSENGER SEAT AS SHOWN.



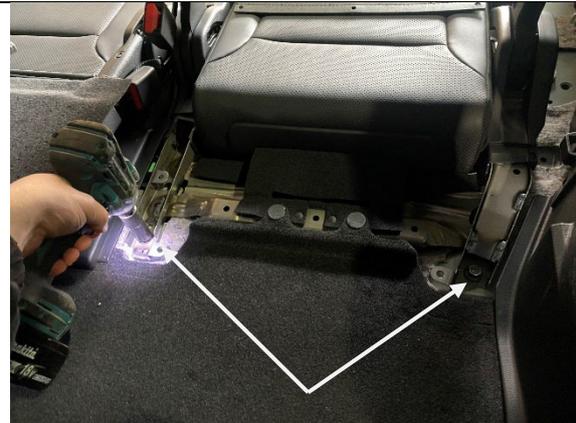
STEP 1.11 STAND THE PASSENGER SEAT UP AS SHOWN.



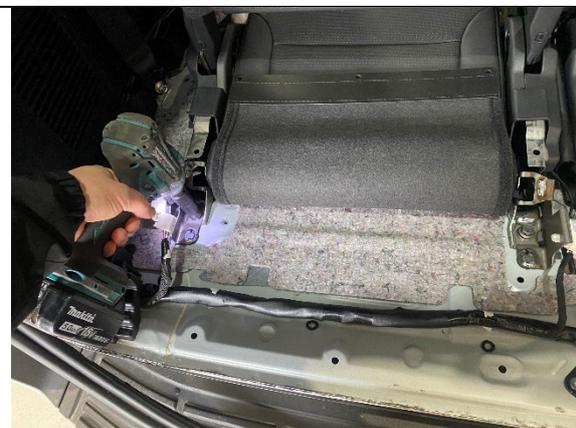
STEP 1.12 MOVE TO THE FRONT OF THE SEAT AND UNCLIP PLASTIC TRIM AS SHOWN (CHECK FOR TRIM CLIPS)



STEP 1.13 PULL OUT THE TRIM CLIPS AS SHOWN. THEY ARE QUITE LONG SO WILL NEED A BIT OF PULLING.



STEP 1.14 REMOVE 2 X 14MM BOLTS IN THE SEAT AS SHOWN.



STEP 1.15 MOVE BACK TO THE REAR OF THE CAR AND REMOVE 2 X 14MM BOLTS.



STEP 1.16 PULL THE SEAT OUT AND SET ASIDE AS SHOWN.



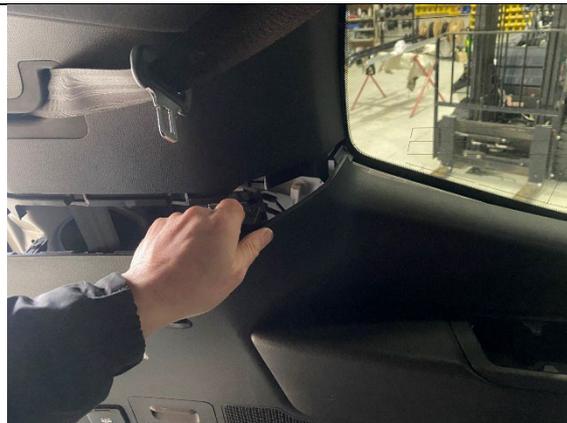
STEP 1.17 REMOVE 3RD ROW SEAT BELT USING 14MM SOCKET AND RETRACT OUT OF THE WAY.



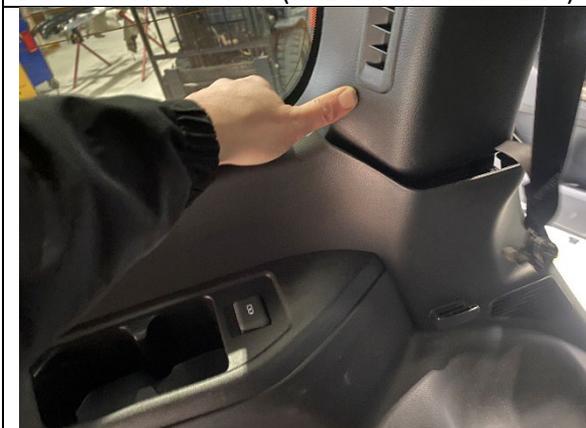
STEP 1.18 PULL BACK THE RUBBER SEAL AT THE REAR.



STEP 1.19 START PULLING BACK THE TRIM CLIPS ALONG THE BACK SECTION TOP TO BOTTOM AS SHOWN. (CHECK FOR TRIM CLIPS)



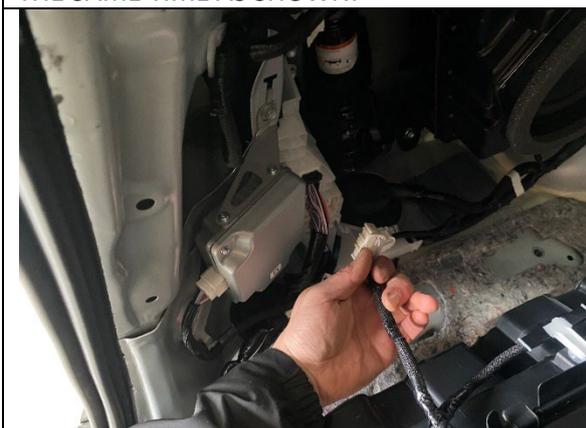
STEP 1.20 MOVE INTO THE VEHICLE AND WORK ALONG THE WINDOW.



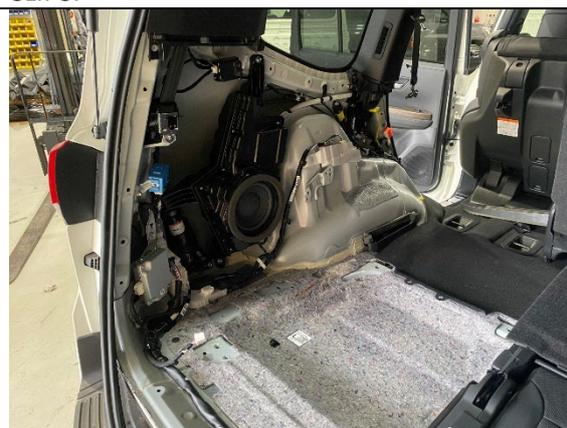
STEP 1.21 WHEN PULLING FRONT SECTION, YOU MAY NEED TO HOLD THE TOP PANEL AT THE SAME TIME AS SHOWN.



STEP 1.22 MOVE TO THE SECOND ROW PASSENGER DOOR AND PULL THE LAST OF THE CLIPS.



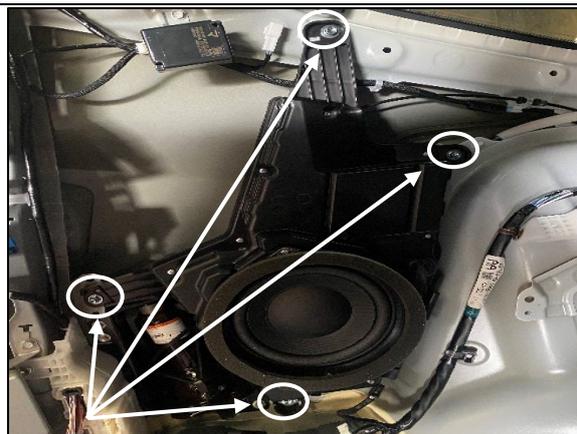
STEP 1.23 MOVE BACK TO THE REAR OF THE VEHICLE AND REMOVE THE MAIN POWER LOOM BELOW THE JACK AS SHOWN.



STEP 1.24 REMOVE THE REAR QUARTER PANEL CAREFULLY AND SET ASIDE (CHECK FOR ANY TRIM CLIPS)



STEP 1.25 DISCONNECT PLUG FROM BOTTOM RIGHT HAND SIDE OF SUBWOOFER WHERE SHOWN



STEP 2.2 REMOVE THE 4 X M6 SCREWS AND KEEP SPEAKER AND SCREWS ASIDE.



STEP 1.27 REMOVE FUEL SENSOR ON TOP LEFT AND FIT COMPRESSOR BRACKET IN PLACE LOOSELY FITTING M6 X 20 SEMS SCREWS. MARK THE TOP LEFT HOLE AS SHOWN AND REMOVE BRACKET.



STEP 1.28 DRILL OUT THE MARKED HOLE 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.**



STEP 1.29 (THIS STEP ONLY APPLIES TO GXL MODELS) USING A 12MM DRILL, GENTLY DRILL OUT THE 9 X PLASTIC LUGS ON THE STORAGE COMPARTMENT AS SHOWN.



STEP 1.30 PULL FIRMLY ON 2 X RETAINERS ON RHS AND PULL REAR POCKET OFF TO COMPLETELY REMOVE AS SHOWN.

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.

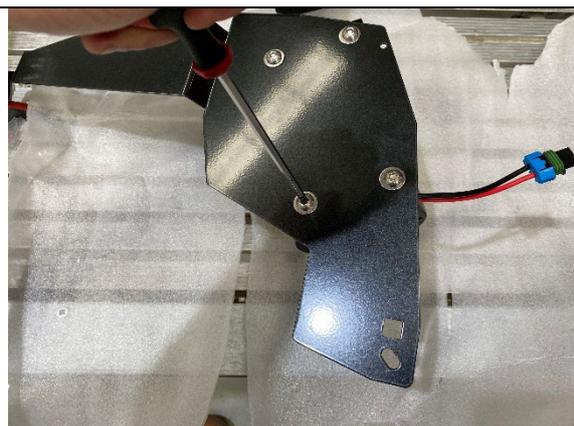
2. PREPARING THE COMPRESSOR



STEP 2.1 ROTATE THE COMPRESSOR 90 DEGREES ENSURING THE POWER WIRES ARE AT THE BOTTOM OF THE COMPRESOR AS SHOWN.



STEP 2.2 MOUNT COMPRESSOR TO BRACKET IN ORIENTATION AS SHOWN. (THIS PICTURE SHOWN FIRST FOR REFERENCE OF POSITION). REFER TO NEXT STEP FOR NUT AND BOLT ORIENTATIONS.



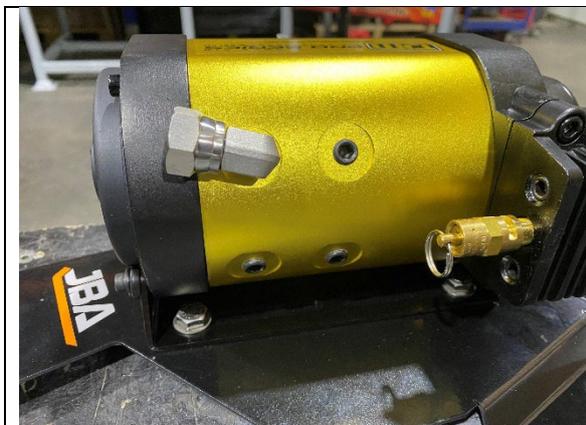
STEP 2.3 FASTEN FROM REAR OF BRACKET USING M8 DOME HEAD BOLT WITH WASHER UNDER THE HEAD. FASTEN FROM COMPRESSOR SIDE USING WASHER AND NYLOC NUT.

DO NOT FASTEN WITH WASHERS AND NUT ON THE REAR SIDE AND DON'T USE TJM MOUNTING BOLTS SUPPLIED AS THEY ARE TOO LONG AND CAN POTENTIALLY CAUSE DAMAGE TO THE VEHICLE IF NOT INSTALLED IN THE ABOVE RECOMMENDED SEQUENCE.



STEP 2.4 REFER TO OPTIONAL STEPS 2A FOR KIT2 AND 2B FOR KIT3 COMPRESSOR SETUP BELOW. THE ABOVE DIAGRAM OUTLINES REFERENCE SIDES OF THE COMPRESSOR TO HELP ENSURE FITTINGS ARE INSTALLED TO THE CORRECT SIDES.

2A. KITZ FITTINGS FOR QUARTER PANEL INSTALLATION (ENSURE 567 THREAD SEALANT USED ON ALL JOINS)



STEP 2A.1 INSTALL JBA-CB106 90 DEGREE ELBOW IN TO THE 1/4" OUTLET ON THE TOP SIDE AND ORIENTATE AS SHOWN.



STEP 2A.2 INSTALL THE TJM NITTO FITTING SUPPLIED IN THE TJM AIRLINE KIT (013COMPAKN) PURCHASED SEPERATLEY.



STEP 2A.3 INSTALL THE PRESSURE SWITCH SUPPLIED WITH TJM COMPRESSOR INTO TOP LEFT 1/8" OUTLET ON THE BOTTOM SIDE.



STEP 2A.4 IF FITTING JBA DIGITAL PSI GAUGE, INSTALL PRESSURE TRANSDUCER TO TOP RIGHT 1/8" OUTLET



STEP 2A.5 INSTALL THE TJM RELAY TO THE JBA BRACKET USING M4 X 12 PAN AND M4 WHIZZ NUT AS SHOWN



STEP 2A.6 CONNECT THE TJM COMPRESSOR WIRING LOOM TO THE PRESSURE SWITCH AND MAIN POWER AS SHOWN.

2B. KIT3 FITTINGS FOR DRAWER FRONT INSTALLATION (ENSURE 567 THREAD SEALANT USED ON ALL JOINS)



STEP 2B.1 INSTALL JBA-CB106 90 DEGREE ELBOW IN TO THE 1/4" OUTLET ON THE BOTTOM SIDE AND ORIENTATE AS SHOWN.



STEP 2B.2 INSTALL JBA-CB112 800MM STAINLESS HOSE TO THE 90 DEGREE FITTING.



STEP 2B.3 INSTALL THE PRESSURE SWITCH SUPPLIED WITH TJM COMPRESSOR INTO TOP LEFT 1/8" OUTLET ON THE BOTTOM SIDE.



STEP 2B.4 IF FITTING JBA DIGITAL PSI GAUGE, INSTALL PRESSURE TRANSDUCER TO TOP RIGHT 1/8" OUTLET

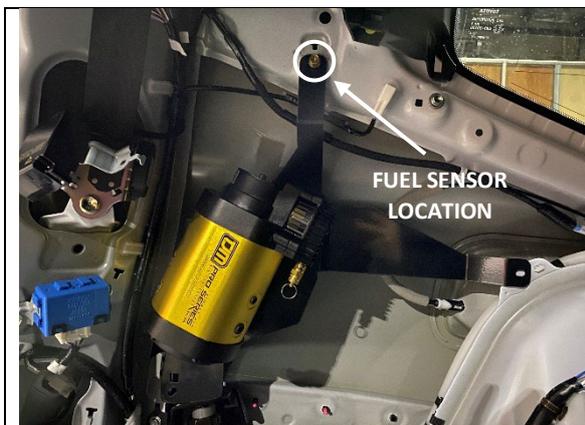


STEP 2B.5 INSTALL THE TJM RELAY TO THE JBA BRACKET USING M4 X 12 PAN AND M4 WHIZZ NUT AS SHOWN

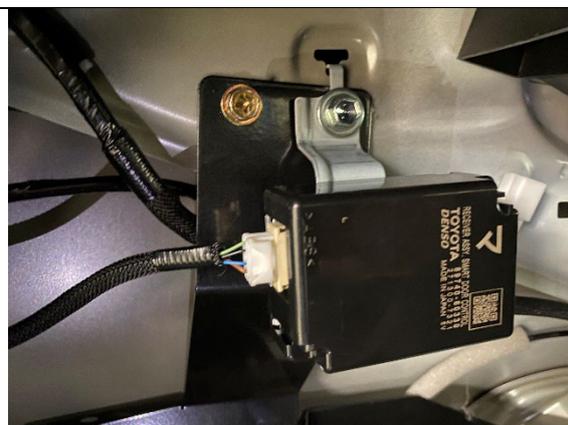


STEP 2B.6 CONNECT THE TJM COMPRESSOR WIRING LOOM TO THE PRESSURE SWITCH AND MAIN POWER AS SHOWN.

3. INSTALLING THE BRACKET AND COMPRESSOR INTO THE VEHICLE



STEP 3.1 LIFT THE BRACKET INTO PLACE AS SHOWN TAKING NOTE OF THE TOP LEFT FITMENT POINT ALIGNING WITH THE FUEL SENSOR POSITION.



STEP 3.2 RE-POSITION THE FUEL SENSOR INTO THE BODY T-SLOT AND FASTEN FINGER TIGHT USING SUPPLIED M6 X 20 SEMS ASSEMBLY AS SHOWN. INSTALL SECOND M6 X 16 SEMS INTO PREVIOUSLY DRILLED HOLE ON LEFT AND SECURE FROM BEHIND USING M6 WHIZZ NUT.



STEP 3.3 ALIGN THE SUBWOOFER BACK INTO POSITION AND REINSTALL ORIGINAL 4 X TOYOTA M6 SCREWS.



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. KIT2 FITTINGS FOR QUARTER PANEL INSTALLATION

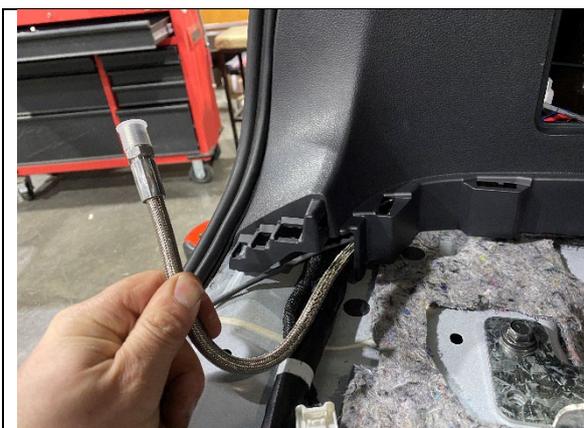


STEP 3A.1 CHECK CLEARANCE OF NITTO FITTING AROUND SUBWOOFER AND ADJUST AS NEEDED USING 14MM SPANNER.

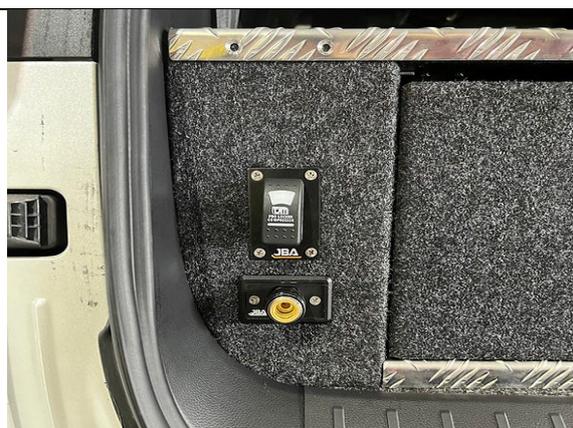


STEP 3A.2 REMOVE 2 X M6 JACK SCREWS AND INSTALL JBA-231S SWITCH PLATE AS SHOWN USING 10MM SOCKET.

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



STEP 3B.1 RUN JBA-CB112 800MM 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. IT IS RECOMMENDED TO FIT THE AIR OUTLET LOWER DOWN ON THE DRAWER FRONT TO ENABLE HOSE TO REACH AND SO AIR OUTLET DOESN'T HIT REAR TAILGATE.