

PRODUCT- TJM SINGLE COMPRESSOR MOUNTING BRACKET

VEHICLE- 100 SERIES LANDCRUISER 1998-2007 (EXC 5 SEAT MODELS)

PART NUMBER- JBA-CB210, JBA-CB210KIT2,KIT3

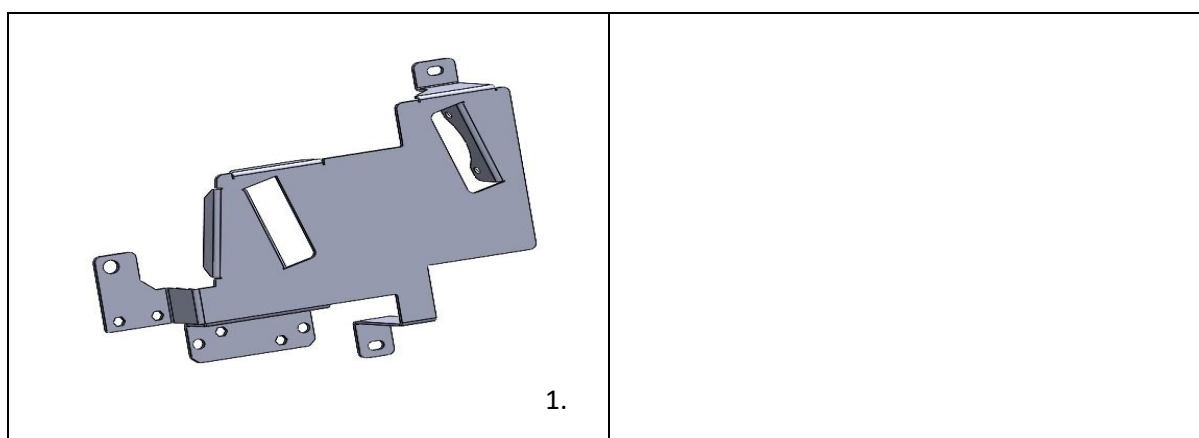
ESTIMATED FIT TIME

- REMOVAL AND REFITMENT OF SEAT AND INTERIOR PANELS 45 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 1.13-1.15).
- REFER TO TJM COMPRESSOR INSTALLATION INSTRUCTIONS FOR WIRING SPECIFICATIONS
- NITTO FITTING USED WITH KITS 2 AND 3 SUPPLIED SEPERATLEY (NOT BY JBA) AVAILABLE THROUGH TJM STORES

KIT CONTENTS

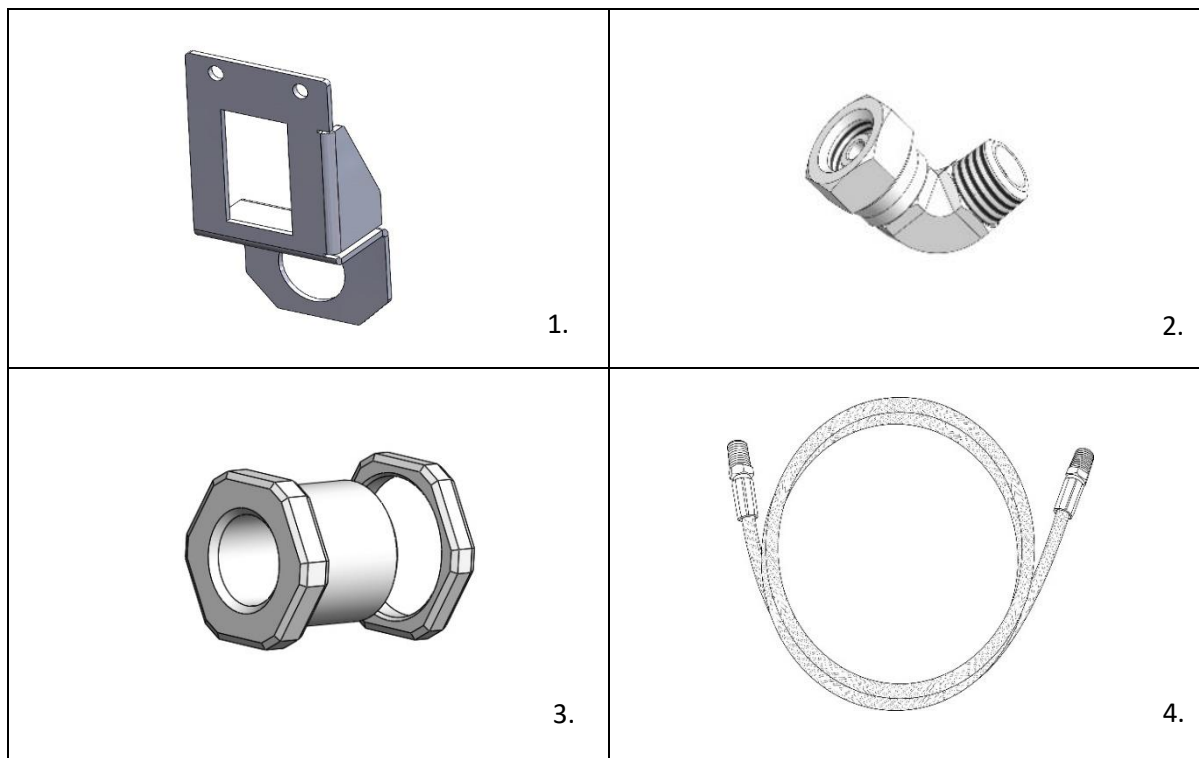


ITEM	DESCRIPTION	PART NO.	QTY
1	100 SERIES SINGLE COMPRESSOR BRACKET	10-CB210A	1
2	M6 x 20MM SEMS ASSMEMBLY Z/Y	B48 0620ZY	2
3	M6 HEX SERR FLANGE NUT ZY	N24 06ZY	1
4	M8 X 16MM BUTTON HEAD SOCKET SCREW 304 S/S	X72 08016304	4
5	5/16 X 3/4 X 18G FLAT WASHER GR 304 S/S	X79 082018G304	8
6	M8 NYLON INSERT LOCK NUT GR 304S/S	X53 8304	4
7	M4 X 12 PAN HEAD S/S	X37 0412PP304	2
8	M6 X 16 PAN HEAD	X37 0616PP304	1
9	M5 X 12 SOCKET HEAD CAP SCREW S/S	X7005012304	2
10	M5 SPLIT WASHER 304 S/S	X8205305	2
11	HEAT SHRINK RED- 6.4MM	ACX1275	2
12	10MM2 6MM STUD FLARED ENTRY CABLE LUG	57120	2

OPTIONAL KIT PARTS

JBA-CB210KIT2

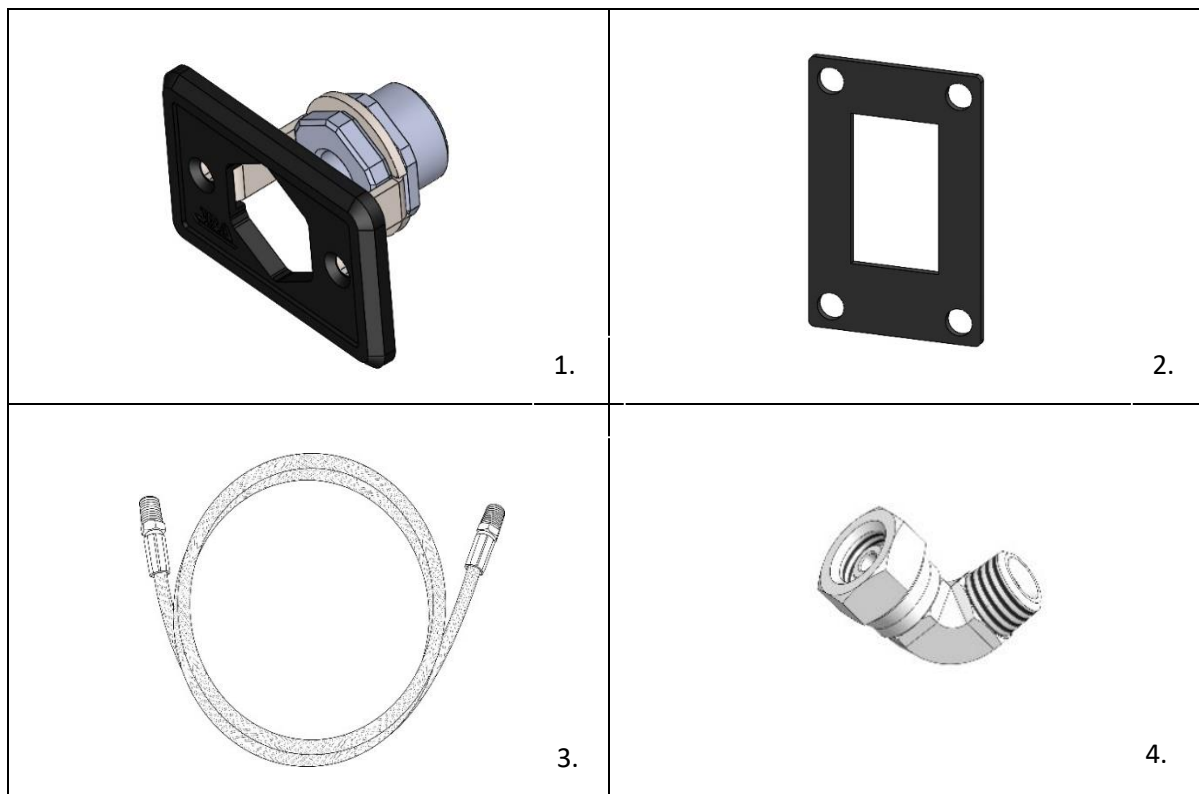
JBA KIT- 100 SINGLE BRACKET WITH QUARTER PANEL AIR OUTLET AND SWITCH MOUNT



ITEM	DESCRIPTION	PART NO.	QTY
1	100 SERIES QUARTER PANEL AIR/SWITCH BRACKET	10-CB210-QAS	1
2	JBA STAINLESS ELBOW 90 DEGREE	JBA-CB106	2
3	JBA STAINLESS STEEL BULK HEAD	JBA-CB103	1
4	JBA STAINLESS HOSE 400MM	JBA0CB111	1

JBA-CB210KIT3

JBA KIT- JBA KIT- 100 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 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 AND FOLD THE PASSENGER SECOND ROW OF SEATS FORWARD.



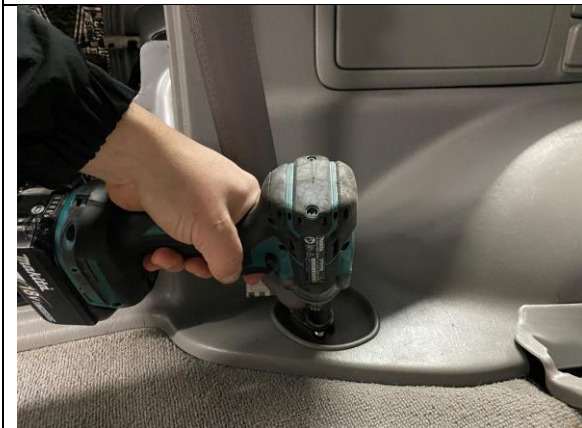
STEP 1.2 REMOVE PLASTIC TRIM LEVERING UP FROM BODY CLIPS AS SHOWN.



STEP 1.3 PULL BACK THE QUARTER PANEL IN THE DOOR SECTION AS SHOWN.



STEP 1.4 MOVE TO REAR OF THE VEHICLE PULL UP THE REAR DOOR FLAP.



STEP 1.5 REMOVE 14MM BOLT FROM WHEEL ARCH.



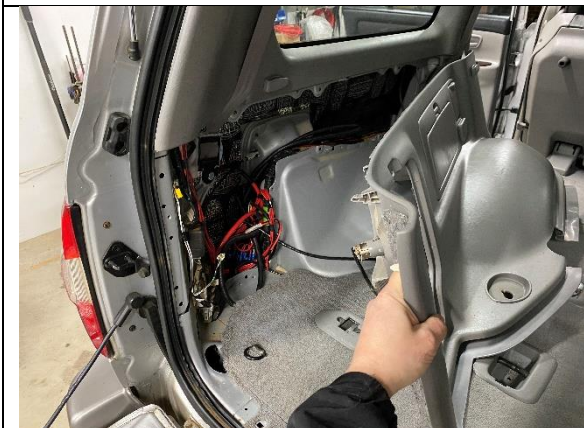
STEP 1.6 PULL UP SEAT RETAINER SURROUND



STEP 1.7 START PULLING BACK THE QUARTER PANEL FROM THE REAR DOOR AND THE ALONG THE BOTTOM OF THE WINDOW.



STEP 1.8 UNCLIP WIRING LOOM AS SHOWN



STEP 1.9 FULLY REMOVE REAR QUARTER PANEL AND SET ASIDE IN A CLEAN,SOFT AREA.



STEP 1.10 UNDO 14MM BOLT ON REAR SEAT BELT AND SET ASIDE.



STEP 1.11 MARK FROM THE REAR OF THE QUARTER PANEL OPENING 120MM X 50MM AS SHOWN.



STEP 1.12 TRIM THE 10MM LIP AS SHOWN.

REFERENCE PICS FOR TRIM CLIPS



STEP 1.13 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 1.14 USE A TRIM CLIP REMOVER TO POP OUT OF THE VEHICLE AS SHOWN.

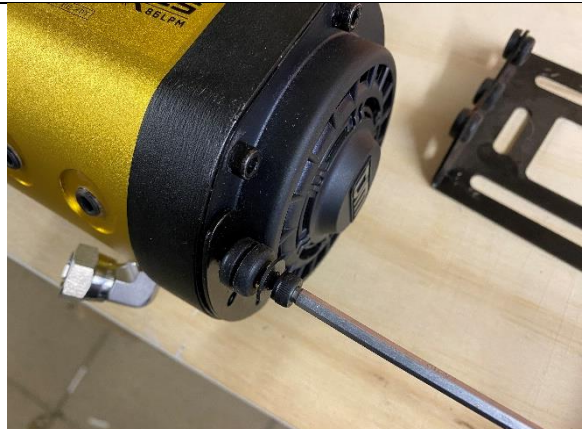


STEP 1.15 RE-INSERT INTO THE PLASTIC TRIM PANEL LOCATION. THEY WILL NORMALLY SLIDE IN AND POP INTO POSITION. THESE STEPS WILL ENSURE AN EASIER RE-INSTALLATION OF THE PANELS LATER.

2. PREPARING THE COMPRESSOR



STEP 2.1 REMOVE THE COMPRESSOR FROM THE MOUNTING BRACKET AS SHOWN.



STEP 2.2 IN THE ORIENTATION SHOWN IN STEP 2.1 REMOVE THE 2 X BOTTOM SCREWS ON THE FLAT SIDE OF THE COMPRESSOR AND SET ASIDE.



STEP 2.3 INSTALL JBA-CB106 90 DEGREE ELBOW ON THE BOTTOM SIDE AND TIGHTEN AS SHOWN



STEP 2.4 INSTALL TJM PRESSURE SWITCH ON THE TOP SIDE OF THE COMPRESSOR WITH THE MALE CONNECTORS ON THE ANGLE SHOWN.



STEP 2.5 SLIGHTLY BEND THE OUTSIDE TAB IN AS SHOWN.



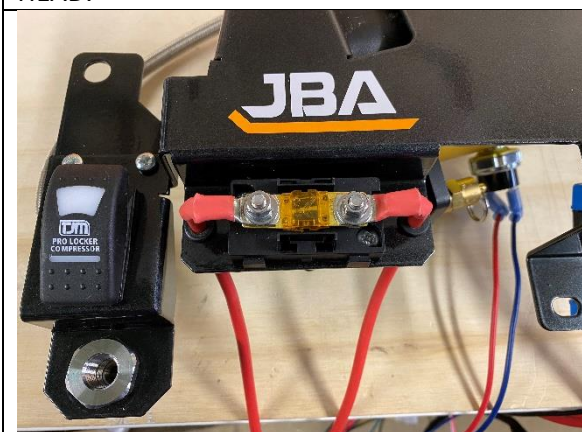
STEP 2.6 POSITION THE COMPRESSOR ON THE BRACKET IN THE ORIENTATION AS SHOWN



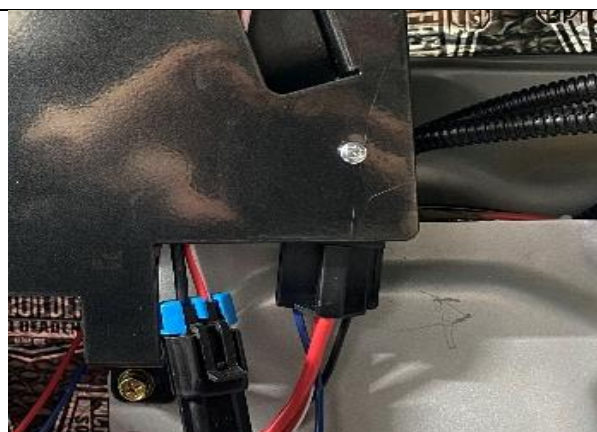
STEP 2.7 SCREW THE COMPRESSOR TO THE BRACKET USING M5 X 12 SOCKET HEAD CAP SCREWS WITH SPRING WASHER UNDER THE HEAD.



STEP 2.8 ATTACH THE TJM SUPPLIED FUSE HOLDER USING M4 PAN HEAD SCREWS.



STEP 2.9 RUN POWER WIRES THROUGH THE GROMMETS, HEAT SHRINK AND CONNECT.



STEP 2.10 ATTACH THE TJM RELAY USING M6 PAN HEAD WITH WHIZZ NUT FROM BEHIND THE BRACKET AS SHOWN.

OPTIONAL STEPS 2A. KIT2 FITTINGS FOR QUARTER PANEL INSTALLATION (ENSURE 567 THREAD SEALANT USED ON ALL JOINS)



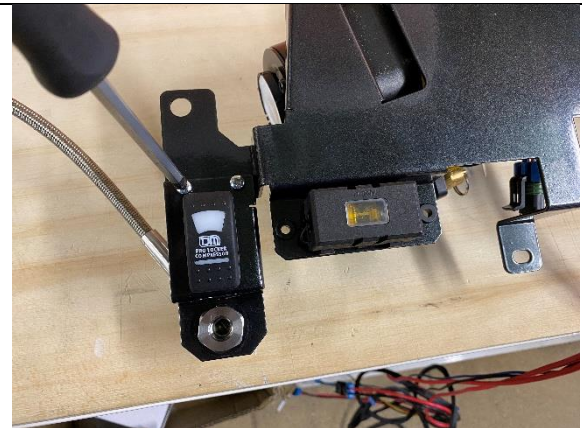
STEP 2A.1 INSTALL JBA-CB103 BULK HEAD TO THE SWITCH PLATE.



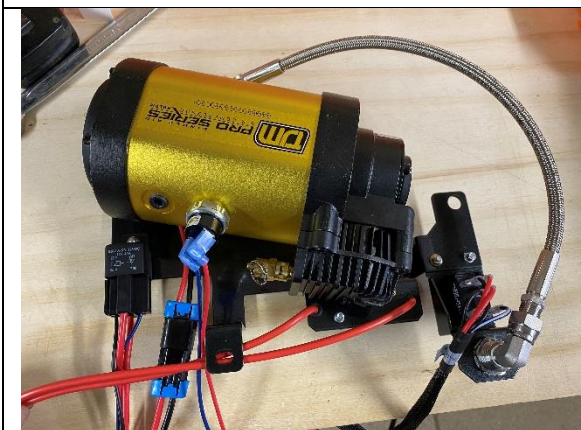
STEP 2A.2 INSTALL JBA-CB106 90 DEGREE ELBOW ON A 45 DEGREE ANGLE AS SHOWN.



STEP 2A.3 ATTACH JBA-CB111 400MM HOSE.



STEP 2A.4 ATTACH THE SWITCH PLATE TO THE COMPRESSOR BRACKET USING M4 SEMS SCREWS AS SHOWN.



STEP 2A.5 ATTACH THE OTHER END OF THE 400MM HOSE TO THE 90 DEGREE OUTLET PREVIOUSLY INSTALLED IN STEP 2.3 ABOVE.

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

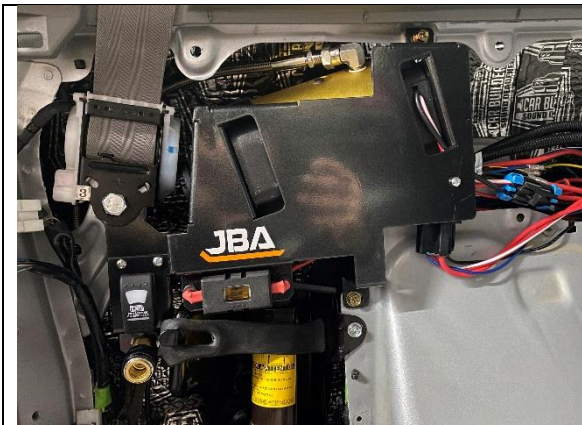


STEP 2B.1 ATTACH JBA-CB113 1200MM HOSE TO 90 DEGREE ELBOW INSTALLED PREVIOUSLY IN STEP 2.3. ONCE BRACKET INSTALLED INTO CAR (STEPS 3.1-3.4 BELOW) RUN HOSE OUT FROM QUARTER PANEL AS SHOWN.



STEP 2B.2 INSTALL JBA-CB901 SWITCH PLATE AND JBA-CB101 BULKHEAD FASCIA ON TO DRAWER FRONT AS SHOWN REFERRING TO INDIVIDUAL PARTS SEPARATE INSTRUCTIONS. BEFORE DRILLING JBA-CB101 INTO POSITION, CHECK THE DISTANCE BETWEEN DRAWER FRONT AND TAILGATE TO ENSURE CLEARANCE (30MM CLEARANCE IS NEEDED).

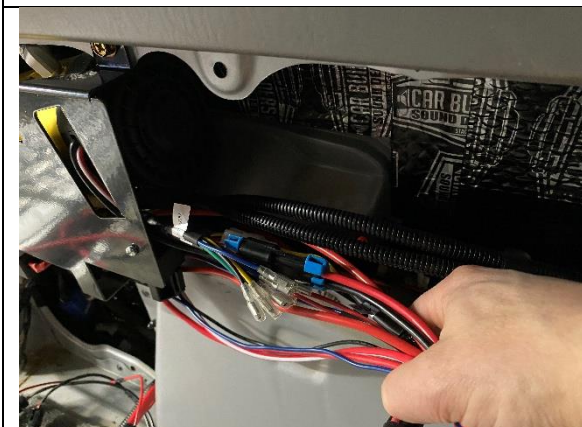
3. INSTALLING THE BRACKET AND COMPRESSOR INTO THE VEHICLE



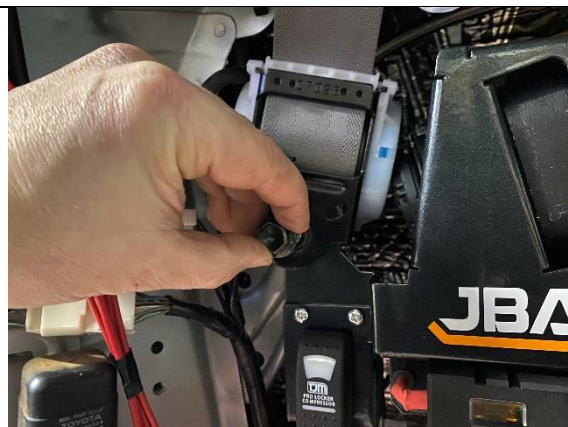
STEP 3.1 LIFT THE BRACKET INTO PLACE AS SHOWN ALIGNING WITH BODY POINTS. FASTEN THE TOP RIGHT SCREW USING M6 SEMS ASSEMBLY



STEP 3.2 BEFORE INSTALLING THE BOTTOM LEFT FASTENER, BUNCH ALL WIRING AND CABLE TIE UP BEHIND THE BRACKET AS SHOWN.



STEP 3.3 NEATLY CABLE TIE AND RUN WIRING LOOM ALONG WHEEL ARCH AND TOWARDS FRONT OF VEHICLE AS SHOWN.



STEP 3.4 RE-INSTALL 14MM FASTENER ON SEAT BELT ASSEMBLY AS SHOWN.

ONCE THESE STEPS ARE COMPLETED

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