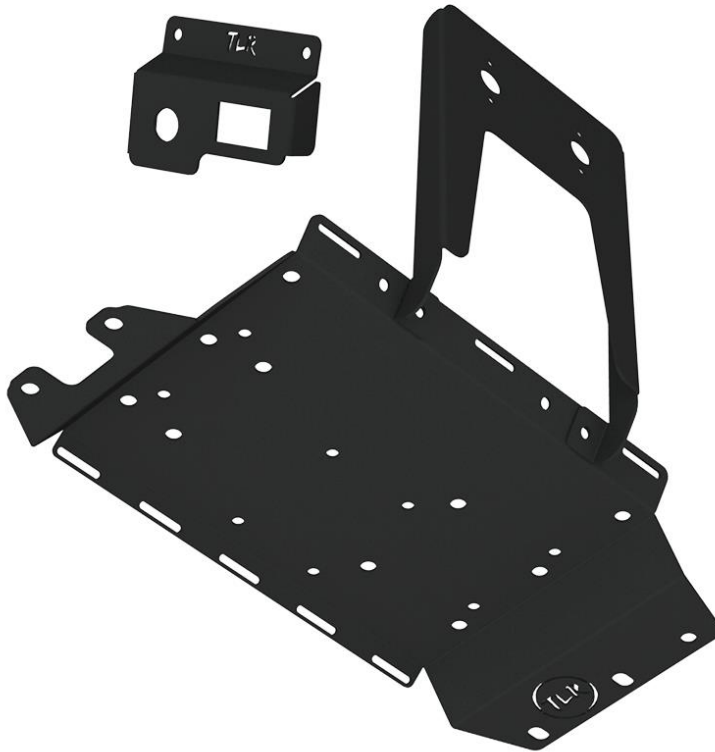




AIR COMPRESSOR BRACKET REAR QUARTER PANEL

TLR684601



SUITED TO:

mitsubishi TRITON MV SERIES



PRE-INSTALLATION



Read through this installation guide before proceeding.



Fitting time is approx. 45 minutes.



Spanner
Socket Set
Allen Key Set
6.5 & 9 mm Drill Bit

FITTING KIT

QUANTITY	PART
1	TLR684601-1 – Main Mounting Bracket
1	TLR684601-2 – Switch and Coupling Mount
1	TLR684601-3 – Filter Relocation Bracket
2	M6 x 16 mm Button Head Socket Screw
4	M6 x 12 mm Button Head Socket Screw
10	M6 x 12.5 mm Flat Washer Stainless Steel
2	M6 Spring Washer Stainless Steel
2	M6 Nyloc Nut Stainless Steel
1	M8 x 16 mm Button Head Socket Screw
1	M8 Nyloc Nut Stainless Steel
1	M8 x 19 mm Flat Washer Stainless steel
4	M4 x 12 mm Pan Head Bolt Stainless Steel
4	M4 Nyloc Nut Stainless Steel
2	ARB Air Filter Relocation Fittings (2pk) MPN: 171320
1	JIC4(M) – ¼ NPT(M) Elbow MPN: 0740110
4	MH6 Hose Clamp
2	½ Inch Rubber Hose x 250 mm Long
2	M6 Large Flange Nutsert – MPN: LF-KB-M6

NOTE:

This TLR Products Compressor Bracket locates in the rear left-hand side inner guard and accommodates fitment of the ARB Twin and Single Air Compressor models and the TJM Twin and Single Compressors.



FITTING INSTRUCTIONS

1. Mount the Air Compressor to the main mounting bracket in the orientation shown in **Photo 1**
2. Fit a $\frac{1}{4}$ " BSP 90-degree elbow to each of the air intake ports and fit the relays to the 6.5mm holes along the edge of the bracket. **Refer to Photo 1.**
3. Fit the air filters to the TLR684601-3 filter relocation bracket. This is done by removing the front covers from the filters along with the filter material to gain access to the mounting holes. Drill the 2 x mounting holes out to 4 mm diameter **as per Photo 2.**
4. Using the supplied M4 hardware, mount the filter backings to the relocation bracket and install the $\frac{1}{2}$ " BSP (F) fittings to each **as per Photo 3** and re assemble air filters. Install the Coupling and Switch into the TLR Products Mounting Bracket and install the 90-degree elbow on the back of the air coupling.
5. Mount the Air filter relocation assembly to the slotted holes on the main mounting bracket using the M6 x 12mm Button Head Bolts, Flat Washers and Nyloc Nuts **as per Photo 4.**

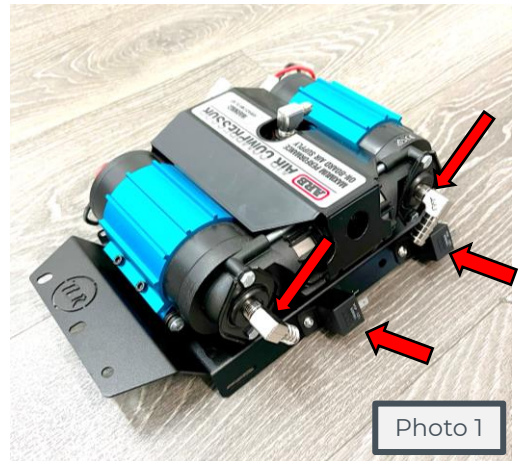


Photo 1



Photo 2

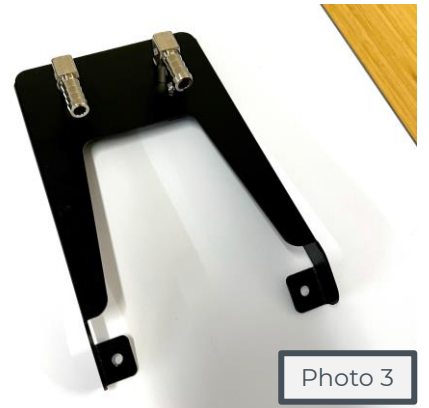


Photo 3

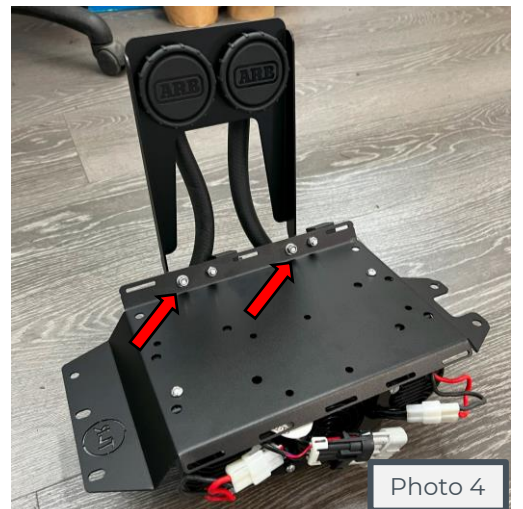
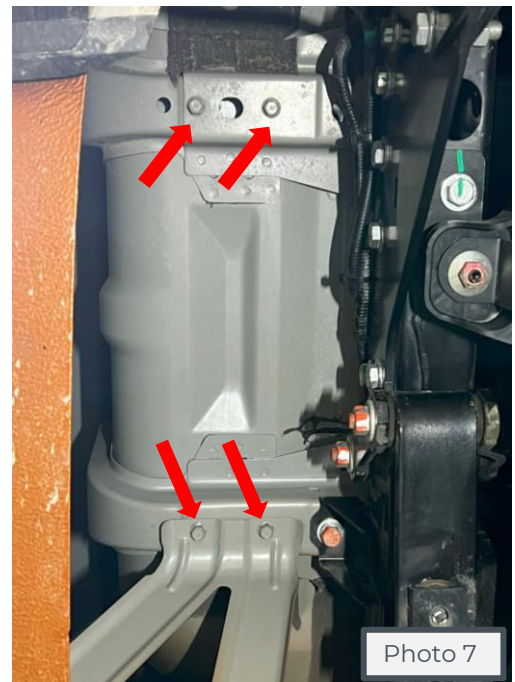


Photo 4

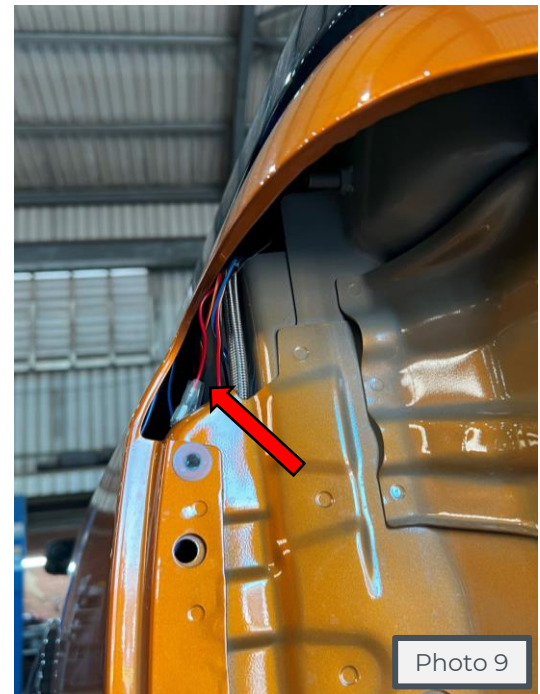
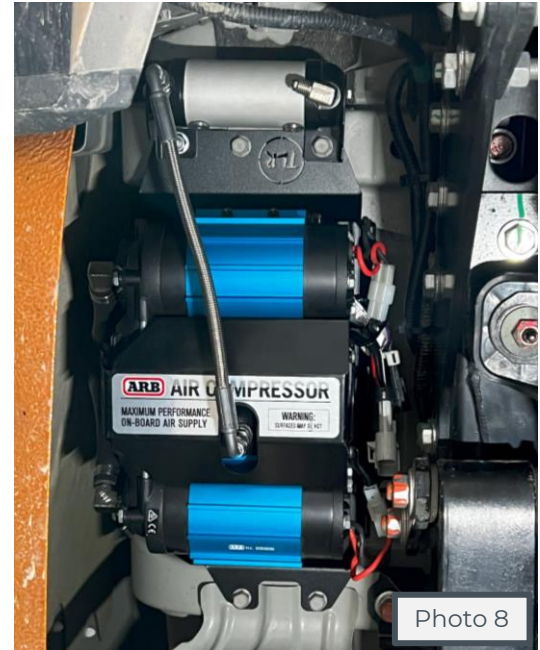


6. Install the ½" rubber hose to the previously installed fittings to link the intake filters to the compressor as per **Photo 5**.
7. If Installing the ARB Air Manifold, fit this to the main bracket using the M8 x 16mm Button Head Bolt, Flat Washer and Nyloc Nut as per **Photo 6**.
NOTE: ensure correct bolt orientation as this is critical to provide adequate clearance on the body.
8. If installing the Manifold, plumb the Manifold Tank to the air compressor at this stage and fit the 90-degree elbow to the outlet of the manifold as per **Photo 6**.
9. If not installing the Manifold, install the 90-degree elbow into the compressor outlet.
10. Now working from under the left rear side of the vehicle. Locate the 4x M8 OEM Bolts shown in **photo 7** and remove.
11. Position the main bracket and compressor assembly over the 4 mounting points and install the previously removed M8 mounting bolts. **See Photo 8**.
12. If installing the supplied TLR Products Switch and Coupling Mount to the inside of the tub. Remove the rear left hand side tail-light to gain access for routing the hose. This is done by removing the 2 x screws located on the inside of the tailgate area which screw into the side of the light. Once these are removed, the tail-light can be pulled away from the rear of the car to release the light housing. Take care when removing as there is a single plug which will need to be disconnected to completely remove the tail-light.



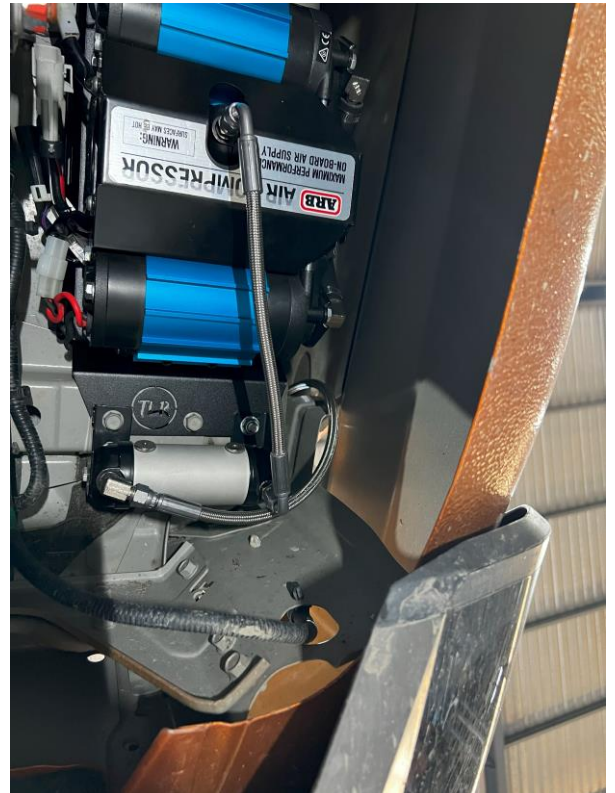


13. Route the 1m air hose from inside the vehicle tub through the opening in the rear left corner and down behind the body work to the compressor location. **Refer to Photo 9.**
14. Route the wiring for the switch through the same section in the body work as the 1m air hose. **Refer to Photo 9.**
15. Install the end of the 1m air hose to either the compressor outlet or the outlet located on the manifold if installed.
NOTE: if you have chosen to install the Air coupling on the TLR Products Trailer Plug Bracket, you will require a 1.5m air hose, and this can be routed along behind the rear bumper of the vehicle to the Trailer Plug Bracket location.
16. Determine the best location along the side of the tub and mark the 2 x mounting holes to be drilled out to 9.00mm to suit the M6 Nutsert supplied. Refer to **Photo 10** as a guide. Install the M6 nutserts into the holes drilled.
17. Install the Coupling and Switch into the TLR Products Mounting Bracket and install the 90-degree elbow on the back of the air coupling and connect the air hose and wiring to the back of the switch.





18. Using the M6 x 16 Bolts, Washers & Spring Washers, install the switch and coupling assembly to the installed nutserts.
19. Finish all plumbing and complete wiring as per manufacturers specifications to complete installation.
20. It is suggested to run a direct power cable from the start battery of the vehicle to run the air compressor.



Other components required for ARB Twin compressor fitment:

- 1 x ARB Twin Air Compressor (CKMTA12)
- 1 x ARB Pump up Kit (171302V2)
- 1 x ARB 90 Degree Elbow (0740104)
- 1 x ARB Air Hose 1m (0740203)
- 1 x ARB Air Coupling JIC4 (0740111)



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