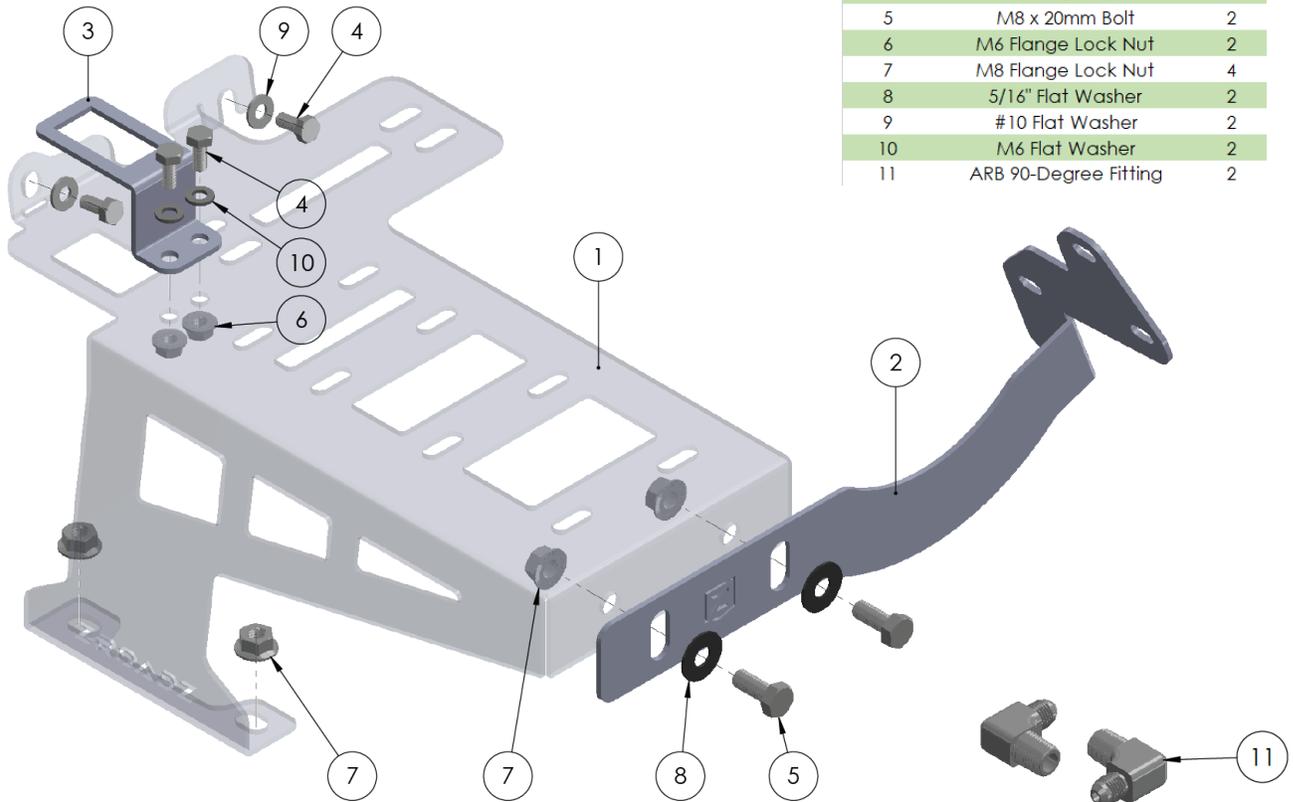




Assembly Overview

ITEM	DESCRIPTION	QTY
1	Main Bracket	1
2	Firewall Support Bracket	1
3	Switch Mount	1
4	M6 x 14mm Bolt	4
5	M8 x 20mm Bolt	2
6	M6 Flange Lock Nut	2
7	M8 Flange Lock Nut	4
8	5/16" Flat Washer	2
9	#10 Flat Washer	2
10	M6 Flat Washer	2
11	ARB 90-Degree Fitting	2



Tools Required

1. **10mm** Socket and Open-Ended Wrench
2. **12mm** Socket
3. **13mm** Socket and Open-Ended Wrench
4. Socket Extension
5. Universal Joint Socket Adapter

Installation Instructions

1. Disconnect the negative battery terminal by loosening nut [**10mm**].
2. Remove the air box.
 - a. Disconnect electrical connector on intake tube.

- b. Loosen hose clamp on intake tube [**10mm**].
- c. Unlatch two latches on air box lid.
- d. Remove airbox lid and air filter.
- e. Remove (3) bolts [**12mm**] shown in *Figure 1*.

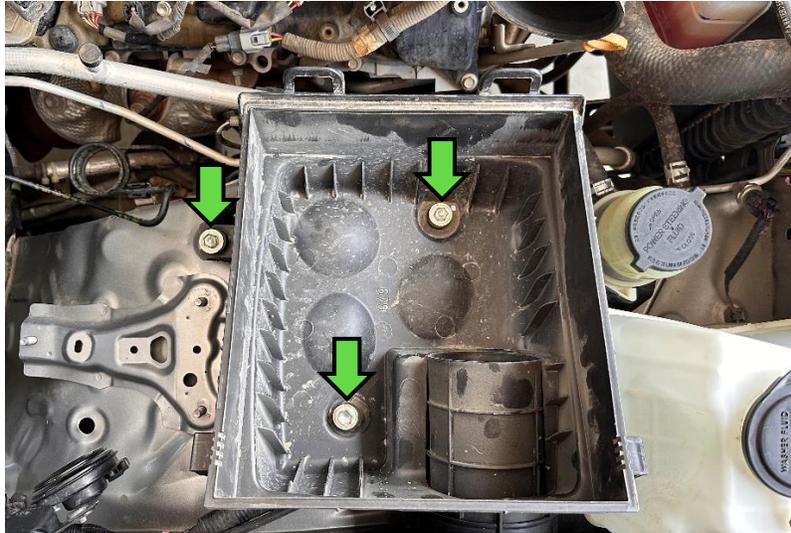


Figure 1

3. If vehicle is passenger-side ABS equipped, remove (2) nuts [**12mm**] shown in *Figure 2*. If no ABS module is present, continue to next step.

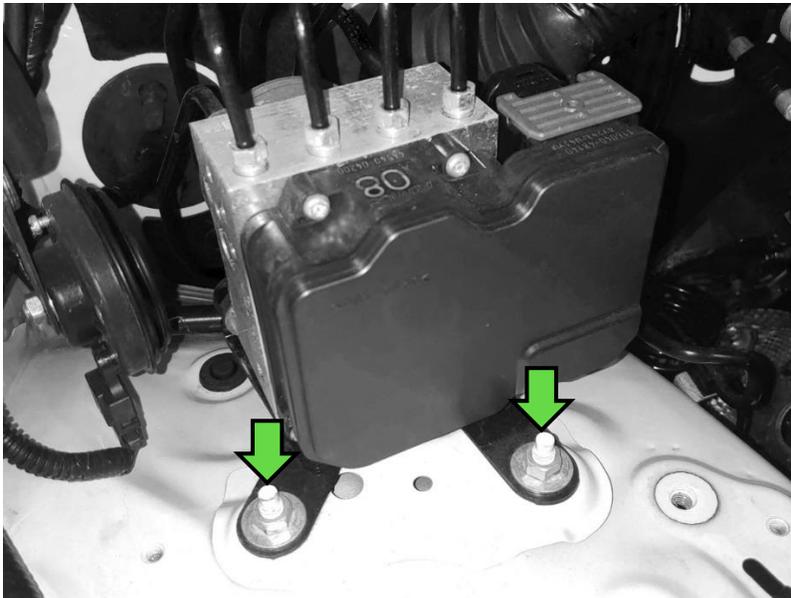


Figure 2

4. Place the Main Bracket into position, sliding onto the two factory M8 studs atop the wheel well.
5. Install (2) M6 x14mm Bolts [**10mm**] with (2) #10 Flat Washers into the fender panel, and (2) M8 Flange Lock Nuts [**13mm**] onto the factory M8 studs atop the wheel well. Do not tighten.

- Remove the (3) factory lock nuts [10mm] at the firewall (CAUTION: These threads are easily damaged by the factory lock nuts. It is recommended to apply WD-40 to the studs before removing and reinstalling these nuts). Pull the wire-harness bracket off the studs, place the Firewall Support Bracket onto the studs, then replace the wire-harness bracket, and the (3) factory lock nuts [10mm]. Do not tighten. Refer to *Figure 3*.



Figure 3

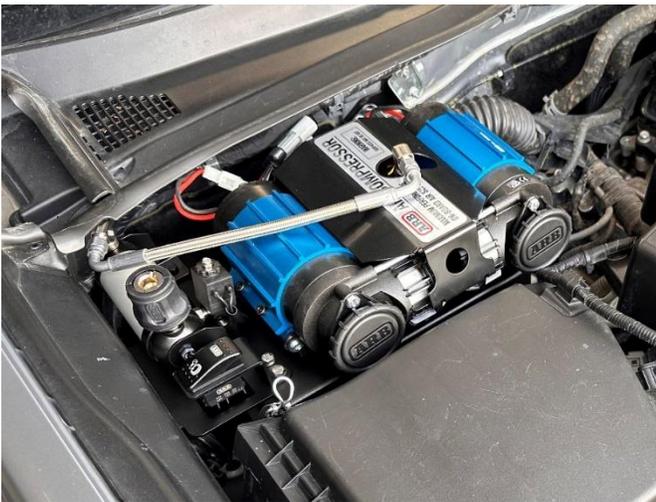
- Attach the Firewall Support Bracket to the Main Bracket, using (2) M8 x 20mm Bolts [13mm], (2) 5/16" Flat Washers, and (2) M8 Flange Lock Nuts [13mm]. Do not tighten. Brackets and fasteners should now appear as they do in *Figure 4*.



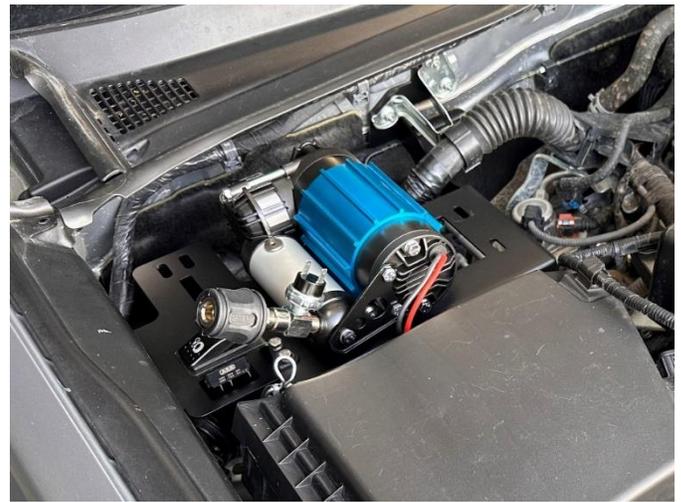
Figure 4

8. Proceed to fully tighten all hardware in the following order:
 - a. (2) M6 x 14mm screws in the fender panel [10mm].
 - b. (2) M8 Flange Lock Nuts atop the wheel well [13mm].
 - c. (3) Factory lock nuts at the firewall [10mm].
 - d. (2) M8 Flange Lock Nuts [13mm] and (2) M8 x 20mm Bolts [13mm] securing the Firewall Support Bracket to the Main Bracket.
9. Proceed to install the Switch Mount Bracket using (2) M6 x 14mm Screws [10mm], (2) M6 Flat Washers, and (2) M6 Flange Lock Nuts [10mm].
10. Mount your Compressor onto the Main Bracket using ARB supplied hardware. Do not tighten. Ensure there is some space between the compressor and the engine wiring harness, and ensure there is no interference between the airbox lid and compressor. Once optimal position is determined, proceed to fully tighten all hardware securing the Compressor to the Main Bracket.
11. For Twin Compressor: Mount the ARB Manifold to the Main Bracket using the hardware included in the ARB manifold kit. Use the provided (2) ARB 90-Degree Fittings to connect the stainless-steel braided hose to the compressor and manifold.
12. Connect all electrical and pneumatic components in accordance with ARB instructions.

Suggested Configuration for ARB Twin Compressor



Suggested Configuration for ARB Single Compressor



NOTE: Suggested Configurations above are shown utilizing parts included in the ARB Pump Up Kit (ARB Part No. 171302V2), including the Quick-Connect Air Coupling shown in both configurations, and the T-Piece Adapter used for the Single Compressor configuration. The Twin Compressor configuration is shown with the manifold and stainless-steel braided hose, which are included in the ARB Air Locker Manifold Kit (ARB Part No. 171503).



ZROADZ
OFF ROAD PRODUCTS

ZROADZ PRODUCT WARRANTY

ZROADZ PRODUCT WARRANTY

ZROADZ warrants its grille products to be free from defects in material and workmanship for the lifetime of the grille. ZROADZ warrants the finish of its grille products for a 3 year period beginning at the time of sale to the end user. These warranties are limited warranties and do not cover abuse, modification or improper installation nor do they cover finish failure caused by caustic cleaning agents, road salts or other chemicals. ZROADZ reserves the right to repair or replace a defective product at its sole discretion. Any ZROADZ product must be returned to ZROADZ for warranty consideration and must be returned at the customer's expense. In the event that the product is deemed to be defective, the repaired or replaced item will be returned via a surface shipping method to the customer at ZROADZ expense. No provision is made for any labor, rental car or other costs incurred by the failure of its products.

LED LIGHTING EQUIPMENT INSTALLATION / DISCLAIMER

WARNING

PLEASE CONSULT YOUR LOCAL AUTOMOTIVE ELECTRICAL PROFESSIONAL FOR INSTALLATION SERVICES AND ADVICE. ZROADZ IS ONLY EQUIPPED TO PROVIDE BASIC TECHNICAL ASSISTANCE DUE TO THE DIVERSITY OF VEHICLES, VEHICLE OPTIONS & MODIFICATIONS AND LIGHTING CONFIGURATION OPTIONS AVAILABLE. ZROADZ cannot be held liable due to improper component installation and / or faulty wiring.

GENERAL GUIDELINES

LED Lights & LED Light Bars operate at relatively high currents and should only be installed by qualified personnel with experience in switched / relayed high draw DC Circuits.

- Light Bars are designed for use only with standard 12v DC power systems
- Light Bars are for OFF-ROAD USE ONLY. Check your local laws & regulations regarding vehicle mounted lights.
- Some Light Bars are equipped with waterproof connectors while others are simply pig-tailed
- Red Wires = POSITIVE | Black Wires = NEGATIVE
- ALWAYS install your lights on a fused circuit. Basic fusing guidelines: maximum 5A for every 10" of LED Light Bar.

GENERAL USE, INSTALL AND ADJUSTMENT TIPS

NOTE 1: ZROADZ LED Light Bars themselves are for OFF-ROAD USE ONLY.

NOTE 2: Light Bars depending on the configuration of your vehicle and its options and/or modifications may need to be adjusted for appropriate beam projection. To adjust the angle of your light bars simply loosen the mounting hardware on either side of each Light Bar, rotate the Light Bar to adjust the angle, then tighten the hardware once the desired angle is achieved (please be careful not to over-tighten the mounting hardware or scratch the protective powder-coat finish). It is best to adjust the angle with the vehicle on level ground with the lights facing a wall, garage door or other solid barrier at a distance of approximately 25-30 feet.

NOTE 3: Please consult a qualified automotive electrical professional for light bar wiring installation.

NOTE 4: An optional universal wiring harness (part# Z390029S-A) is also available that includes high-heat & oil/fuel resistant wires, waterproof connector, 12v relay, 12v rocker switch, inline fuse holder. Our universal wiring harness significantly expedites the installation process but is not a vehicles specific "Plug & Play" product and does not eliminate the need for a professional installation.

Please contact your local ZROADZ dealer for more information or visit www.zroadz.com.

PRODUCT CARE INFORMATION

PRODUCT CARE INFORMATION

Wash regularly as you would when caring for your vehicles. Never use dish soap. Never leave wet water spots as that may leave a blemish.

MATTE BLACK FINISH

Paint warranty applies to defects in material and / or workmanship, it does not cover the matte finish surface appearance.

To enjoy the matte appearance for many years to come, please follow these owner care and maintenance tips.

Get a no-shine matte car wash soap that uses no fillers, no silicone, and won't strip your matte paint of its layer of protection.

Do not use wax, detail spray, armorall®, or any products made for normal paint. Use only products specifically developed for matte finish paint. Do not use products that are even mildly abrasive, such as polishes, glazes, or rubbing compounds. Do not use mechanical cleaners or polishers. Do not use terrycloth, cloth, or paper towels. Do not rub the finish vigorously, this will burnish the paint finish, causing a permanent shiny spot. Shiny spots cannot be removed.

Do not use commercial car wash facilities or their shine enhancement products. Most car wash brushes, large mechanized "towels," and shine enhancement products can damage matte paint.

Remove foreign substances such as insect remains, tar, and road debris using a soft applicator and a mild solvent; saturate and soak area before cleaning—rub lightly.

Hand-wash with a soft wash mitt and mild cleaning product safe for matte paint. Use microfiber cleaning cloths with alcohol-based window cleaner for basic surface clean-up.

GLOSS BLACK FINISH

ZROADZ with Gloss Black Powder Coated Finish may be washed regularly as you would when caring for your vehicles finish using soap and water. ZROADZ should be waxed at the same time that you wax the vehicle. As a general rule, anything you use to clean your vehicles painted surfaces can be used to clean and maintain your ZROADZ grille. A Gloss powder Coated Finish can be cared for in the same fashion that you would care for your vehicles factory paint job. Never leave wet water spots as that may leave a blemish.

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