



SKU: 40-1000

AIR COMPRESSOR MOUNT (2021+ FORD BRONCO)



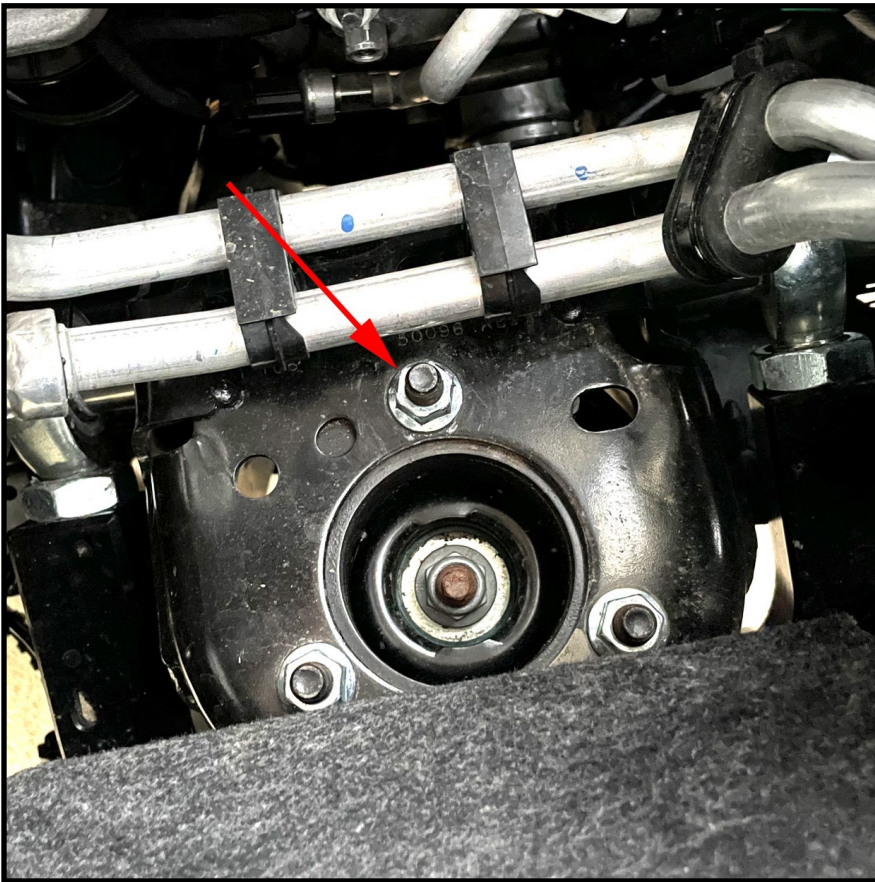
KIT CONTENTS:

- (1) STAINLESS STEEL MOUNTING BRACKET**
- (1) STAINLESS STEEL SUPPORT BRACKET**
- (2) 5/16"-18 CARRIAGE BOLTS**
- (2) 5/16"-18 FLANGE LOCKNUTS**
- (1) ZIP TIE**
- (1) WIRE CONNECTOR**

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1. LOOSEN SHOCK ABSORBER & SPRING ASSEMBLY UPPER NUT

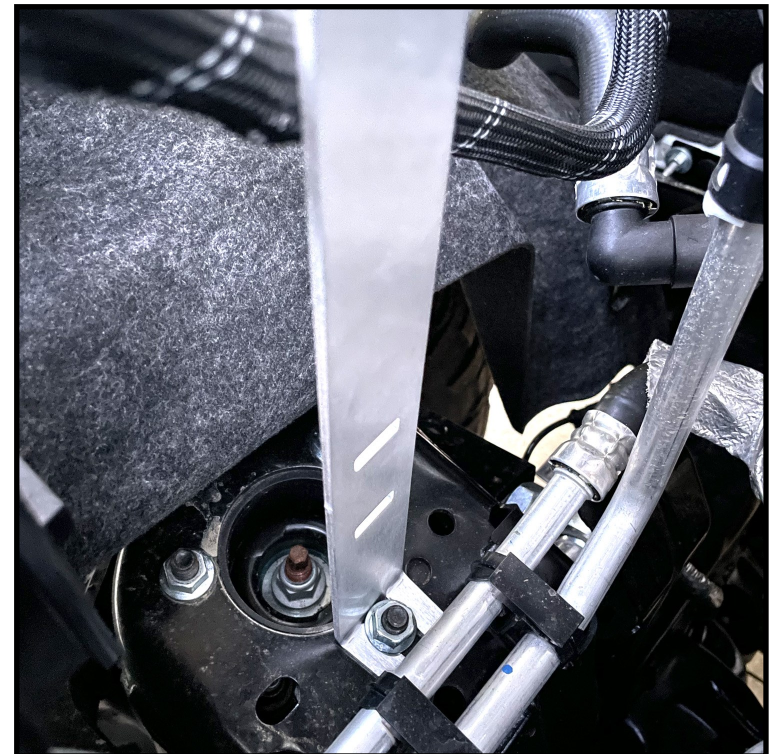
Using a 15mm socket (your socket size may vary depending on the options your truck has) loosen the shock absorber and spring assembly upper nut shown on the passenger side.



2. INSTALL SUPPORT BRACKET

Slide the support bracket under the nut you loosened in step 1. You may need to remove this nut completely to allow for the installation of the support bracket. If your vehicle has the 2.7L engine you'll want to cut the factory zip tie holding one of the turbo/vacuum tubes in place and move it out of the way so that it sits behind the support bracket.

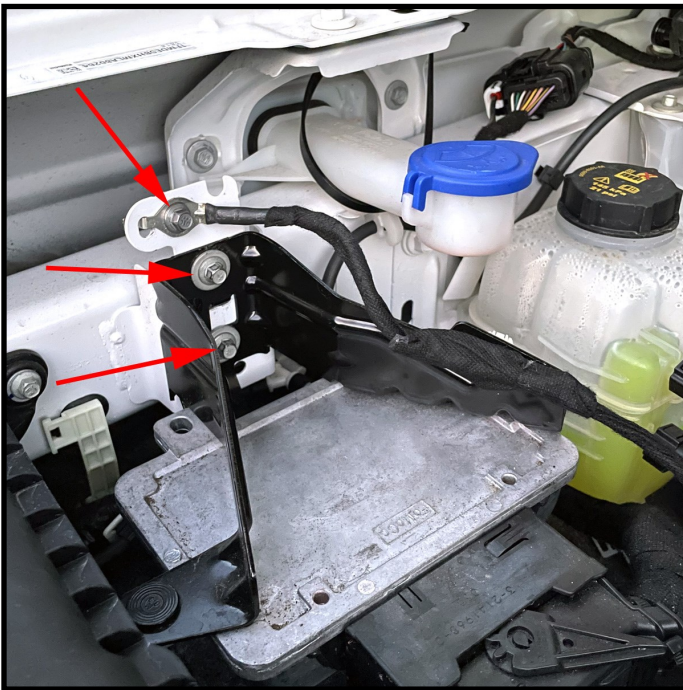
Once the support bracket is installed, re-tighten (re-install) the nut. Torque this nut to 41 lb. ft. (re-torque this nut after driving 100 miles). Secure the turbo/vacuum tube (2.7L Engines) to the support bracket using the two (2) slots on the support bracket and the included zip tie.



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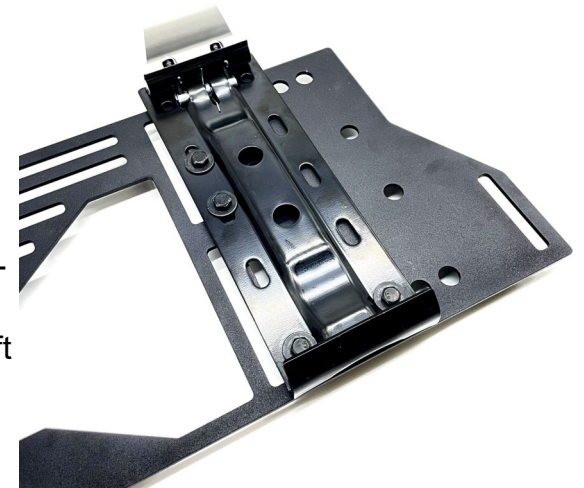
3. MOUNT COMPRESSOR TO MAIN BRACKET

Mount your compressor to the main bracket using the supplied hardware that came with your ARB Compressor. If you have an ARB Single compressor, you'll want to rotate the compressor 90 degrees so that the compressor clears your hood (see the ARB instruction manual). If you have a Twin Compressor and plan to keep the quick connect air coupler installed on the outlet, it's a good idea to orient the outlet port down about 45 degrees so that it's not sitting straight up in the air. This will provide additional clearance when the hood closes. See your ARB instruction manual for information on how to adjust your outlet port (tip: remove the plastic boot off the outlet to loosen/tighten it down). The Single Compressor utilizes the four (4) center mounting holes on the KR Off-Road mount while the Twin Compressor utilizes the outer four (4) holes. The ARB Brushless mount slightly different (see photo on right). Be sure to use some Teflon tape on the air coupler.



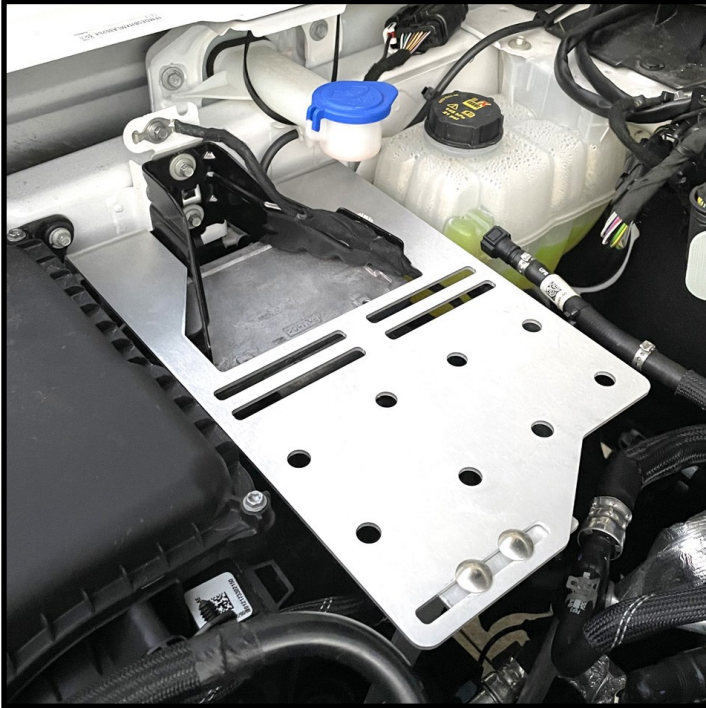
4. MOUNT MAIN BRACKET TO VEHICLE

Remove the three (3) 8mm bolts as shown (the top bolt holds secures the vehicle computer ground wire to the vehicle while the bottom two bolts secure the computer bracket to the vehicle). Once these bolts are removed lift up on the factory mount and slide it out. You can then sandwich the compressor mounting bracket between the firewall and the computer bracket as shown (next page). Rest one end of the compressor mount on the support bracket previously installed to assist with this installation. Re-secure the three (3) 8mm bolts. The support bracket is designed so it can bend, allowing you to line up the mounting holes.



Rest one end of the compressor mount on the support bracket previously installed to assist with this installation. Re-secure the three (3) 8mm bolts. The support bracket is designed so it can bend, allowing you to line up the mounting holes.

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5. BOLT MAIN BRACKET TO SUPPORT BRACKET

With the main bracket installed and resting on the support bracket, install the two (2) carriage bolts through the end of the main bracket and into the support bracket. Install the flange locknuts on the underside of the support bracket. You may need to bend the support bracket slightly to line up the holes (this is by design). It's easiest to use a self-ratcheting wrench for this step. The end result should look as pictured (Note: compressor is not shown in this photo for demonstration purposes).

6. INSTALL WIRING HARNESS

Follow the instructions that came with your ARB Compressor to wire up the compressor if you are connecting the compressor to a switch. On the new Brushless don't forget to install the included pressure switch. This can be installed in the lower of the 2 air ports and then connected to the included harness. If you have overhead upfitter switches you can utilize the following guide (see your Bronco Owners Manual for information on the upfitter wires)

ARB Twin: The main power harness will connect directly to the battery (black to ground/negative and red to positive). The 2nd (smaller) harness has 3 wires. Connect the **purple** wire to one of your upfitters (you'll need to cut the spade terminal off and crimp it onto an upfitter wire using the included wire connector in this kit). The remaining 2 wires can be taped back. Any upfitter can be used since the power for the compressor comes from the power harness.

ARB Brushless Twin: The main power harness will connect directly to the battery (black to ground/negative and red to positive). Make sure you use the included fuse block in-line with the red power lines. The 2nd (smaller) harness has 4 wires. Connect the **red** wire to one of your upfitters (you'll need to cut the spade terminal off and crimp it onto an upfitter wire using the included wire connector in this kit). The remaining 3 wires can be taped back. Any upfitter can be used since the power for the compressor comes from the power harness.