

OWL EXPEDITION 100 Series Compressor Mount Instructions

- Read these instructions completely before purchasing and installing to ensure you are comfortable with the process.
- Altering your vehicle inherently comes with the potential to cause irreversible damage. Install at your own risk.
- To ensure success, always wear the appropriate safety equipment and chose the right tool for the job.

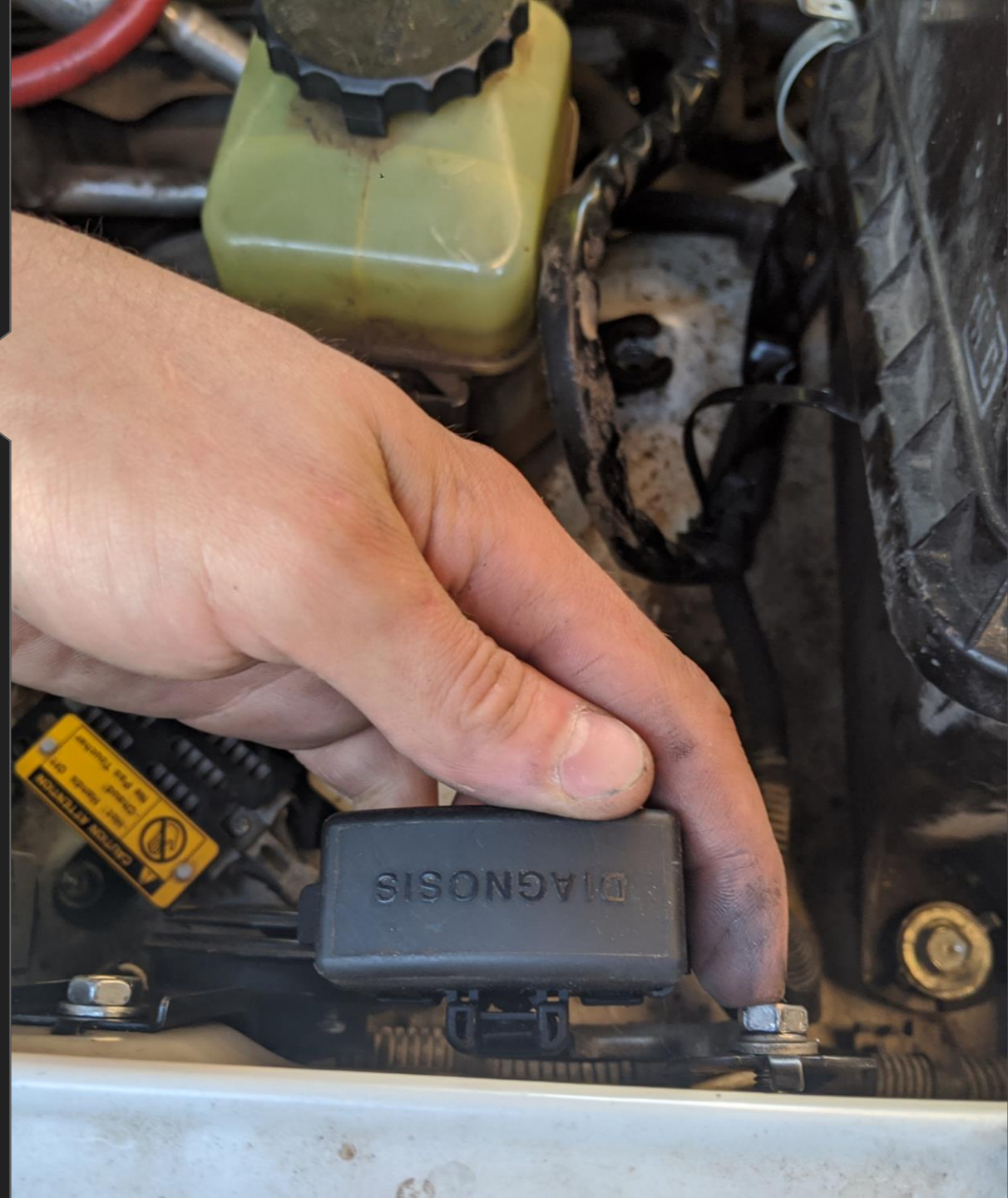


PARTS LIST

1. Main Bracket
2. ARB Manifold Bracket
3. Fuel Pump Relay
Relocation Bracket (only
required in '03+)
4. (2) m8 Bolts
5. (1) m6 Bolt

Step 1

Remove the one bolt for the diagnostic port



Step 2

Remove the bolt holding the alarm on



Step 3

Remove the bolt holding the fuel pump resistor on ('03+)



Step 4

Remove the two bolts holding on the headlight ballast (if applicable)



Step 5

Relocate the headlight ballast to just behind where the airbox exists the fender. Use one of the bolts removed when taking it from its factory location.



Step 6

If installing an ARB single compressor, it is recommended to install the compressor to the bracket first. The bracket is adjustable, so you can place the compressor wherever you like. To avoid any clearance issues with the power steering reservoir, we recommend installing the compressor as shown in the photos. Looking at the face of the bracket, the compressor should be on the right-side slots, as far left as possible. Also, ensure that the compressor adjustment allen bolts are facing upwards. These should be loosened during install to make adjustment easier, then tightened after installation into the truck is complete.



Step 7

Install the bracket (with compressor for single and without for twin) using the 3 bolts provided in the kit. The larger bolts go on the top on the fender and the smaller bolt goes on the wheel well as shown.

Tighten the lower small bolt and leave the upper larger bolts somewhat loose.



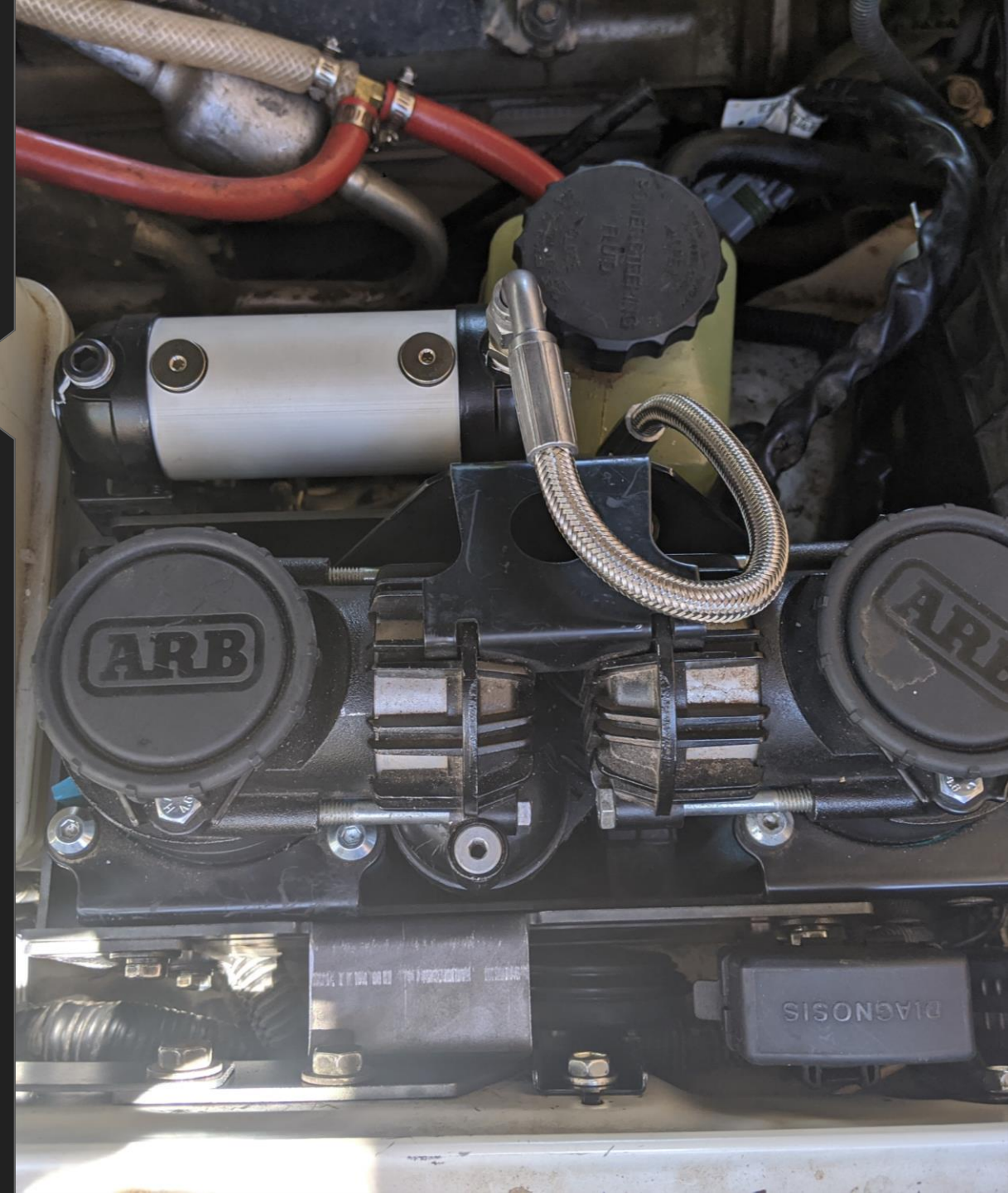
Step 8

When installing an ARB twin with the manifold kit, it is recommended to bolt the manifold to the manifold bracket before installing in the truck. There have been reports of small inconsistencies with the ARB manifold bolt holes, so loosening the through bolt on the manifold will sometimes be helpful in lining up the manifold bolts with the bracket. Do a few test fits to ensure that the manifold clears the power steering reservoir but is as close as possible to make as much room as possible above for the air hose connector. The photo should help with the intended orientation of the manifold.



Step 9

Now you can install the ARB twin compressor. In the photo, the diagnostic port and horn have been replaced. Do not replace those until the compressor has been securely mounted to the bracket. Using the 4 bolts included with your compressor, mount the compressor to the bracket. The two bolts on the left in the photo will go through the manifold bracket first, then the main bracket, and finally into the compressor. This can be difficult because the space is very tight. A 10mm ratcheting box wrench is recommended. If you are still having trouble accessing the bolts, you may loosen/remove the two large bolts on the top of the bracket. The bracket can then be slightly bent towards the engine to provide more access.



Step 10

Replace the alarm and diagnostic port to the factory locations. Use the resistor relocation bracket to mount the resistor to the bolt shown. The factory resistor bracket must be removed, and the resistor screwed to the new bracket.



Thank you for your support!

 **OWL EXPEDITION**

For technical help, please contact us at questions@owlexpedition.com or (304)-276-6523.