



FULL METAL FABWORKS

Yamaha YXZ Adventure Air Installation Instructions



Please read these instructions in their entirety before proceeding with installation. If you are not confident in your ability to perform this installation, or lack the necessary tools, please consult the help of a professional.

What Is Included:

Before beginning the installation, please make sure that all parts and hardware are included in your package and that no damage has been done to the product during shipping. If you are missing parts or the product is damaged please give us a call at (909)-792-9777 and we will make sure that any problems are taken care of.

- **(1) Pre-assembled Compressor Kit**
- **(1) M6x1.00x50mm Stainless Steel Button Head Allen Bolt, (2) 1/4-20 Stainless Steel Flat Washers, and (1) M6x1.00 Stainless Steel Nylock Nut** (front mounting hardware)
- **(2) M8x1.75 Stainless Steel Jam Nuts** (rear mounting hardware)
- **(1) 5/8" ID Rubber Grommet/ Hose Isolator** (optional, installs in bottom of storage compartment)
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Tools Needed:

- Safety glasses
- 13 mm open ended wrench or socket
- 10mm open ended wrench
- 1/4 or 3/8 drive ratchet
- 4mm Allen Key
- Drill Motor
- 7/8" Drill bit or Uni-Bit

Hold Harmless Agreement:

In purchasing a Full Metal Fabworks LLC product I release, waive, discharge and covenant not to sue Full Metal Fabworks LLC officers, servants, agents, or employees (hereinafter referred to as Releasees) from any and all liability, claims, demands, actions and causes of action whatsoever arising out of or related to any loss, damage, or injury, including death, that may be sustained by me (or anyone else), any property belonging to me (or anyone else), whether caused by the negligence of the releasees or otherwise, while working on, using or any activity related to this product. Furthermore, I acknowledge that any and all products manufactured by Full Metal Fabworks LLC are designed for off road use only, are not DOT approved or recommended for highway use.

I am fully aware of risks and hazards connected with the use of a this product and I elect to voluntarily engage in such use of this product knowing that the use may be hazardous to me and my property. I voluntarily assume full responsibility for any risks of loss, property damage or personal injury, including death, that may be sustained by me (or anyone else), or any loss or damage to property owned by me (or anyone else), as a result of using this product, whether caused by the negligence of releasees or otherwise.

I further agree to indemnify and hold harmless the releasees from any loss, liability, damage or costs, including court cost and attorney fees, that they may incur due to my use of a this product, whether caused by negligence of releasees or otherwise.

It is my express intent that this Release and Hold Harmless Agreement shall bind the members of my family and spouse, if I am alive, and my heirs assigns and personal representative, if I am deceased, and shall be deemed as a release, waiver, discharge, and covenant not to sue the above named releasees. I further agree that this Waiver of Liability and Hold Harmless Agreement shall be construed in accordance with the laws of the State of California.

By accepting this product, I acknowledge and represent that I have read the above Waiver and Liability and Hold Harmless Agreement, understand it and accept it voluntarily as my own free act and deed; no oral presentations, statements, or inducements, apart from the foregoing written agreement, have been made; I am at least eighteen (18) years of age and fully competent; and I execute this Release for full, adequate and complete consideration fully intending to be bound by same.

If you do not agree with the preceding Hold Harmless Agreement, you may return the product and receive a full refund. Please, contact a representative of Full Metal Fabworks LLC and they

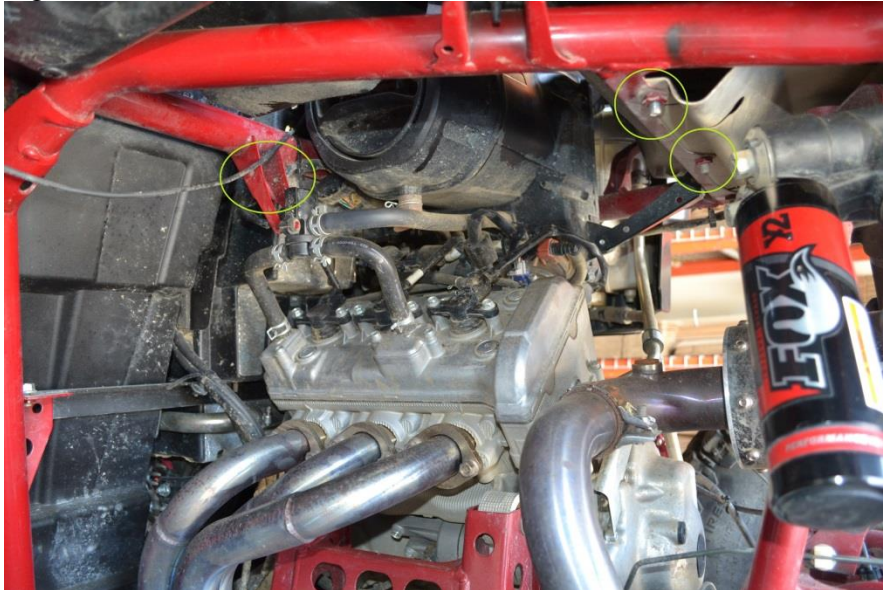
will issue a call tag for the product in question. Once the product has been received by Full Metal Fabworks LLC a full refund will be issued.

After verifying all parts, tools, and skills are accounted for and reading these instructions, you are ready to start the installation.

Installation Procedure:

- 1) Begin by parking your vehicle on a level surface and setting the parking brake.
- 2.) Disconnect the battery
- 3.) Remove rear maintenance cover by removing the (5) 1/4 turn fasteners
- 4:) Look under the rear bed and locate the three mounting locations shown below by green circles in Figure 1:

Figure 1:



- 5.) Install the pre-assembled compressor unit through the driver-side fender well area with the hose facing towards the front of the vehicle. Using the provided **(2) M8x1.75 Stainless Steel Jam Nuts** on the factory bed bolts in the rear, and the **(1) M6x1.00x50mm Stainless Steel Button Head Allen Bolt**, **(2) 1/4-20 Stainless Steel Flat Washers**, and **(1) M6x1.00 Stainless Steel Nylock Nuts** in the front as shown below in Figure 2.

Figure 2:



6.) With the bracket in place, we recommend removing the rear nuts individually and applying blue loctite or similar thread locker and re-installing.

7.) Next locate an area on the bottom of the driver side quick access storage compartment that you would like to drill to route the hose inside of the compartment. We typically use a unibit to enlarge the factory drain hole as shown below in Figure 3. Wherever you choose, drill a 7/8" hole if you are using the provided rubber grommet, if you are not installing the grommet a smaller 9/16" hole will work for hose access.

Figure 3:



8:) Route the hose so that it protected by the chassis tubing/does not hang down, and insert in the bottom of the storage compartment as shown below in figure 4:

Figure 4:



9:) Lastly, route your wiring through the rear firewall to the battery area in-between the seats. Connect the wire with red heat shrink to a positive battery source, and the wire with the black heat shrink to a ground source.

Re-connect the battery power to the vehicle. Congratulations you have completed installation of your Full Metal Fabworks YXZ Adventure Air Compressor Kit. To use, simply unscrew the storage compartment access cover, screw air chuck onto low wheel/tire and flip the built in rocker switch on the side of the compressor by accessing it through the driver side rear wheel well.

