



Part# 69-1819

2007 to 2019 JL / JK JKU ARB REAR CARGO MOUNT



The most up-to-date instructions always visit www.UpDownAir.com

Air It Up!



PLEASE TAKE A MINUTE TO READ THIS ENTIRE INSTRUCTION MANUAL BEFORE YOU START.
WE WANT YOU TO HAVE A FUN AND EASY INSTALLATION WITHOUT HURTING YOURSELF OR YOUR JEEP.

SAFETY PRECAUTIONS

If you are working on the ground always use jack stands and chalk any tires touching the ground. Wear safety glasses and gloves as you will be using power tools for this installation. We recommend disconnecting the battery any time you are working on your Jeep.

FOR BEST RESULTS ALL 4 TIRES NEED TO BE CONNECTED!

NEVER DRIVE WITH THE WHIPS CONNECTED TO YOUR JEEP MAJOR DAMAGE CAN OCCUR!

**IF YOUR NEW UpDownAir PRODUCT HAS DAMAGED OR IS MISSING PARTS
PLEASE CONTACT UpDownAir CUSTOMER SERVICE DIRECTLY AT :**

833-226-4863 option 4 or info@UpDownAir.com

TOOLS NEEDED

- Cordless Drill
- 7/16" Drill Bit
- Thread Sealer
(*Loctite 577—or Teflon tape*)
- Spray Bottle with Mild Soapy Water
- Tube Cuter or Sharp Utility Knife
- Zip ties
- Scissors

3/8" Drive

- Ratchet
- 10mm Socket
- Socket
- 1/4" Allen Socket

*Special cut 9 /16 socket for 90 degree installation

Secure Jeep and Prep for Installation

This entire install can be done on the ground but jack stands or a lift will make it even easier.

1. Park your Jeep and set the parking brake.
2. Place a blanket on the edge of the roof and windshield of your Jeep and open hood the hood all the way.
3. Disconnect the negative (-) battery terminal.
4. Begin installation step 1





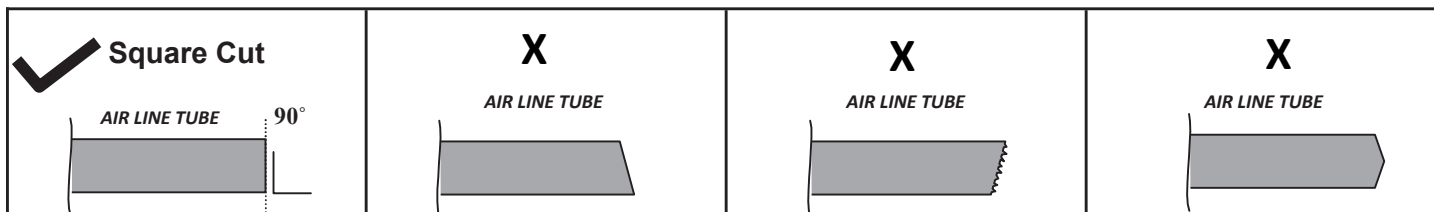
Always:

Use a tube cutter or sharp utility knife.

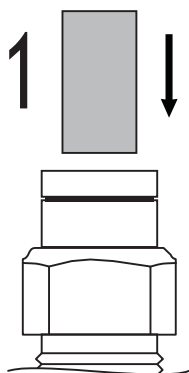
Do Not:

Fold or kink the Air Line Tube. Cut the Air Line Tube at an angle. Do not use pliers, scissors, snips, saws, or side cutters.

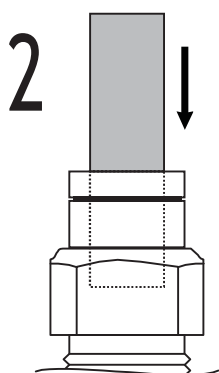
PROPER AND IMPROPER CUTS IN THE AIR LINE TUBE



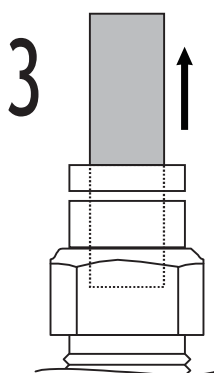
Insert end of Air Line Tube into Air Fitting.



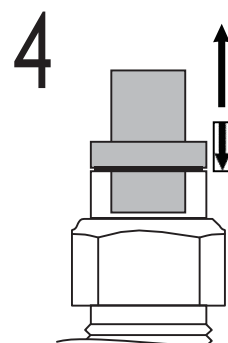
Push Air Line Tube into Air Fitting as far as possible.



Gently pull on the Air Line Tube to check for a secure fit.



To remove, push down collar and gently pull Air Line Tube away.



Removal Tip: Use a small open-ended wrench to push the collar down .

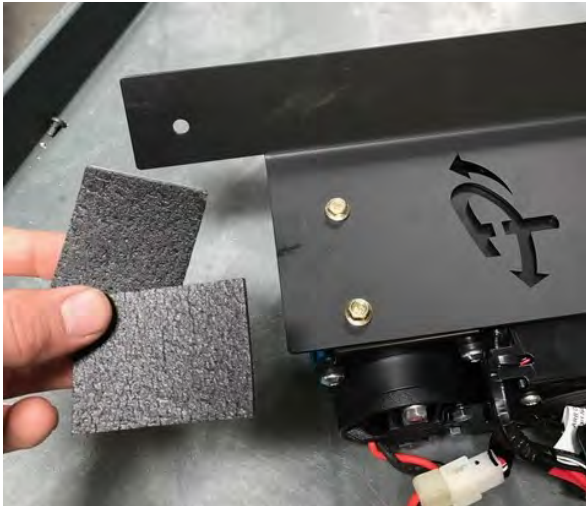
Always:

Select routes protected from heat, debris, and sharp edges. Use Nylon Ties to secure the Air Line Tube.

Do Not:

Bend or sharply curve Air Line Tubes. Leave Air Line Tube exposed to sharp edges. Use unnecessary lengths of Air Line Tube. Route Air Line Tube near moving parts. Let Air Line tube hang unsecured from vehicle. Scar Air Line Tube while routing.

The first step on pre-assembly will be to apply the adhesive foam to the underside of the mounting surface on the cargo bracket, this will prevent damage to the hard top of the jeep. (Use a screw driver point to poke holes in foam)



you will now attach your ARB compressor to the Up Down Air cargo bracket. Make sure the compressor is facing with the filters upwards towards the bend of the bracket, as seen in the images below

(you can use either side of the mounting holes on the ARB compressor depending on best fit for vehicle)



To make installation easier at this time fold down the rear driver side seat, once seat is down you can now remove the 2 star key hard top bolts closest to the rear driver side door.



Set bracket and compressor in place being careful not to damage fiberglass hardtop and use existing bolts to fasten.



The next step is routing your High temperature air line through the vehicle. You will need to fold the rear seat back up into the upright position, pull back the carpet on the rear driver side floor. You will find a small plastic plug in the floor of the jeep like seen in images below



With a 7/16 drill bit make a hole in the plastic plug. You will now insert one end of your 3/8 high temperature tubing into the push connect on your ARB compressor. Route the tubing hidden behind the driver side carpet and through the 7/16 hole that was drilled in the floor plug. (apply silicon for to seal hole completely)



Continue to route the 3/8 high temp tubing down the frame rail to the driver side engine compartment of the jeep using zip ties.

Be sure the tubing is safe from damage or any hot surfaces when routing!



Once air line is ran into the driver side engine compartment you will come across the top of the firewall safely away from heat damage (you can use the factory jeep clips seen in photo to secure air line)



Attach air line in the direct plumbing port on the side of UDA controller.

(see next page for direct plumbing instructions)



When plumbing a direct air source to the ADS controller you have 2 options. The first option is to use the front external source Schrader port.



To remove the Air-Port Schrader use a 9/16 wrench or socket, spray penetrating oil, wait 5 min and remove slowly. After removed be sure the threads are clean and no adhesive residue is left over.



Add pipe sealer to the threads and Install the 90 degree 3/8 swivel using the 9/16 wrench until tight. Connect your high temp hose to the compressor and your done.



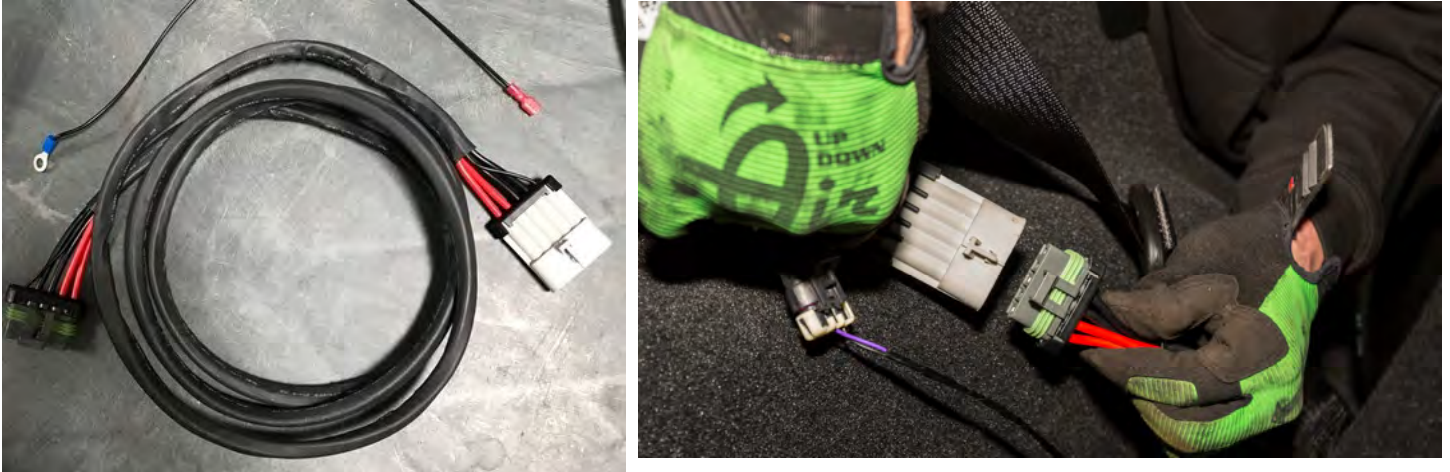
The second option is the 3/8 hex plug located on the left side of the ADS controller.



Apply penetrating oil to the 3/8 hex plug threads and insert 1/4 Allen key completely. Slowly remove the plug and make sure not to damage or strip. (you can also use a heat gun to make plug removal easier)



When plug is removed make sure to clean threads and remove all glue residue. You will now apply Teflon tape or thread sealer to your 90 degree swivel and install using our special socket
You can now hook your high temperature hose from the compressor to the new 90 degree



Locate the supplied ARB extension cord and plug the female end with the green gasket into the ARB compressor, also plug in the ARB supplied switch connector at this time. You will need to run the wiring under the rear seats and make sure the wire stays away from any pinch points.



Run the wiring to the rear passenger side and pull up the carpet. You will see a black rubber plug under the rear seats and remove it.

When black plug is removed you can run your UDA to ARB extension cord through the hole. You will need to trim a semi circle with scissors in the black plug so it can be placed back into the opening to keep jeep sealed from dust/moisture



Once plug is routed through hole in floor you will need to go under the jeep and locate the male end of the harness, plug it into the ARB wiring harness that was supplied with your compressor and run the wiring down the frame rail of the jeep with wire ties safe away from damage or any hot surfaces!



Run wiring up into engine compartment and make your connections to the battery using ARB supplied wiring diagram.

Your ARB compressor comes with a supplied rocker switch and wiring diagram. There are many different switch mounting options that depend on the operators preference.



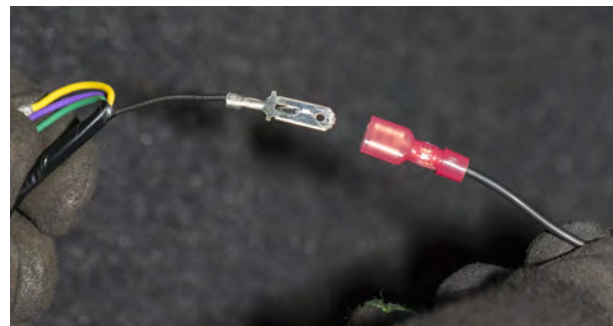
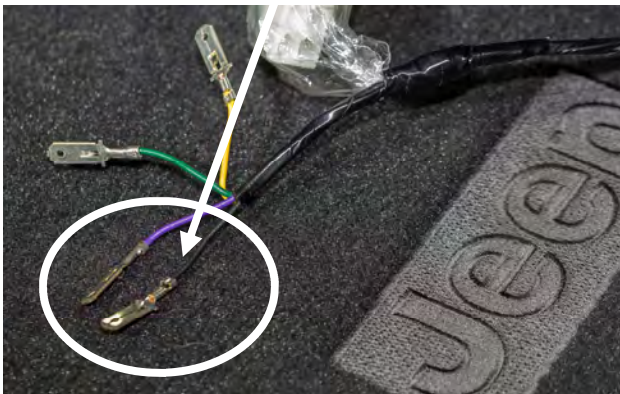
Option 1: Use ARB rocker switch and ARB wiring instruction manual to select a location that best suits you. This switch is very versatile and can be placed anywhere preferred in the vehicle with minimal work. The wiring harness supplied with the ARB compressor is very long and can reach most places inside the vehicle

Option 2: If you are installing this on a Jeep JL you can take advantage of the factory AUX switches located on the dash. You will simply find the OEM Jeep harness located under the passenger side glove box (Jeep user manual has further wiring instructions and details on aux connecting) you will use our supplied connector and ground cable to connect the ARB switch harness to (**Purple and Black wire**) when all connected run excess wiring under carpet to hide visibility.



Auxiliary Switches

(switch does not require a lot of power because compressors are directly connected to battery)





Congratulations you have now completed the install of your new ARB Compressor and or ADS System.

Please perform the following tests.

Inflation -

1. Connect your Whips to all 4 corners of your Jeep.
2. Turn compressor on to pressurize the ADS Unit. The regulator can be adjusted by lifting the adjustment knob to un lock it, Then turning it Clockwise to Increase Pressure or Counter Clockwise to Decrease Pressure. Once you have set it to your factory recommended pressure. The Adjustment Knob needs to be pushed down to Lock the regulator in place. Once you Set it you can Forget it.
3. The compressor should stop when the ADS is fully pressurized. When the compressor stops listen and inspect all connections for leaks.
4. If you think you have a leak spray mild soapy water at the fitting and look for bubbles.

Let your system sit for two minutes and note the tire pressure and compare it to your starting pressure

Deflation—

1. Connect your whips to all 4 corners.
2. Check your tire pressure on the ADS Controller
3. Open the Air-Down Valve on the ADS Controller to Deflate your tires. Once you have reached the desired pressure Close the ball valve and verify tire pressures on the ADS Controller gauge.
4. Remove your tire Whips and you are Trail Ready.





UP DOWN AIR'S NO FINE PRINT 12 MONTH WARRANTY

Our unique warranty proves our commitment to the quality and reliability of every UpDownAir® product.

No Fine Print Warranty: If you are the original purchaser of any UpDownAir® product and it breaks, we will replace it.

UpDownAir's obligation under all warranties is limited to the repair or replacement, at UpDownAir's option, of the defective material. Any cost of removal, installation or reinstallation, freight charges, incidental or consequential damages are expressly excluded from these warranties. Up Down Air Systems, LLC reserves the right to make future revisions to this product and Product Warranty without prior notice or obligation to upgrade your product.

Please read all instructions carefully prior to beginning installation of your Up Down Air Systems, LLC. product.

PLEASE CONTACT US DIRECTLY FOR ALL WARRANTY ISSUES AT:

Toll Free: 883-226-4863 Email: info@UpDownAir.com