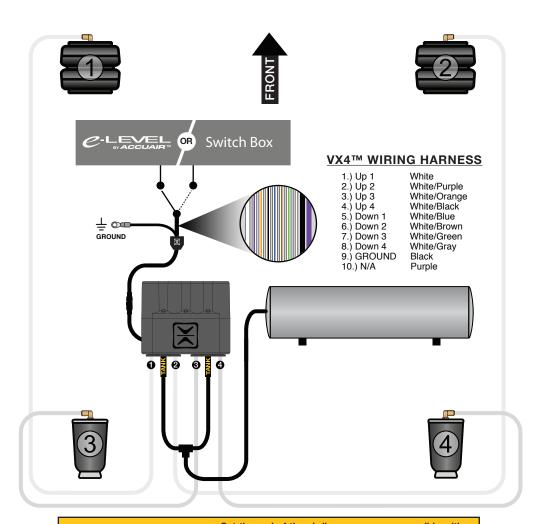




Congratulations on purchasing your AccuAir VX4[™] Next Generation Solenoid Valve. Carefully follow these instructions to ensure years of safe and reliable operation of your VX4[™].

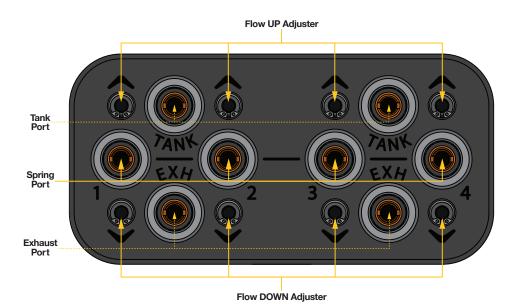
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WARNING:

Cut the end of the air line as square as possible with a sharp blade or air line cutting tool. Make sure the cut end is free from burrs.

VX4™ Ports & Flow Adjustments

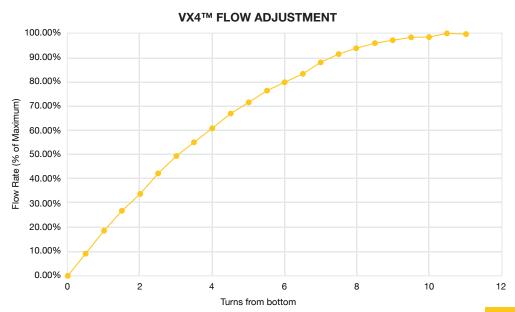


VX4™ FLOW ADJUSTMENT

The VX4TM has flow adjustment screws to control the rate of airflow between the air springs and the solenoid valves. These allow speed adjustment of each corner of the car independently, both up and down, so you can adjust the front and rear to lift and lower at the same speed.

Each air spring port on the VX4™ has adjuster screws for inlet and exhaust above and below (respectively) the push-to-connect fitting. Each screw has 10 turns of adjustment from fully open (top) to fully closed (bottom). Adjustment is nearly linear for most of the range. For example, starting 2 turns from the bottom and backing out the adjuster 2 turns (4 turns total) will almost double the flow.

The VX4[™] has been shipped from the factory with all of the flow control screws set to maximum speed (top). You can choose to slow down the speed of a desired air spring in a desired direction by turning the screw clockwise toward the bottom. Match the number of turns for the paired air spring and direction (i.e., 2 turns in for the left rear "UP" should be matched at 2 turns in for the right rear "UP").



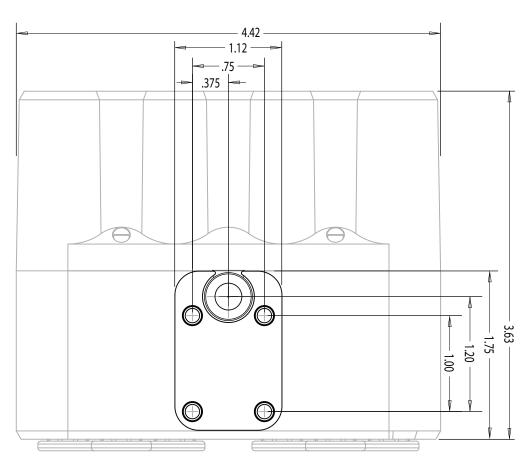
<u>Pro-Tip:</u> The light end of the vehicle (usually the rear) will naturally lift faster and lower slower than the heavy end (usually the front). Use this multi-step process to make the front and rear of your vehicle adjust level at all times.

- 1. Start with all of the flow control screws set to maximum speed (top).
- 2. Starting with the vehicle at lowest height, find the fast LIFTING end of your vehicle by pressing all four UP buttons at the same time to LIFT the vehicle. The fast end will reach the top of the travel first.
- 3. Slow the UP flow controls for the fast end of the vehicle by turning the flow control screws clockwise for the right and left equally (start with one turn and go to half turns as you get closer to matching the speed).
- 4. Repeat steps 2-3 until the front and rear of your vehicle lift at the exact same speed.
- 5. Starting with the vehicle at highest height, find the fast LOWERING end of your vehicle by pressing all four DOWN buttons at the same time to LOWER the vehicle. The fast end will reach the bottom of the travel first.
- 6. Slow the DOWN flow controls for the fast end of the vehicle by turning the flow control screws clockwise for the right and left equally (start with one turn and go to half turns as you get closer to matching the speed).
- 7. Repeat steps 5-6 until the front and rear of your vehicle lift at the exact same speed.
- 8. If you are using an AccuAir e-Level system, make sure to recalibrate the e-Level system after you have finished adjusting your flow control screws.

CAUTION: Do not remove the adjuster screws with the system under pressure. Removing an adjuster screw will release the air from the associated air spring. The screws are retained by a small circlip in order to prevent accidental removal.

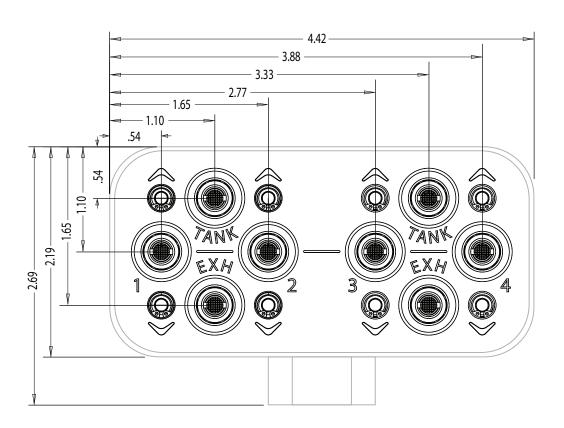
CAUTION: Fully tightening an adjuster screw will disable that functionality for that air spring. For example, fully tightening the UP adjuster on "Spring A" will prevent any additional air from getting to that spring no matter the state of the solenoid valve.

VX4™ MOUNTING TEMPLATE



Drill Size: 13/64"

VX4™ MOUNTING TEMPLATE



TERMS & CONDITIONS:

AccuAir Control Systems, L.L.C. is hereby referred to as ACCUAIR. The Purchaser, end-user, or installer is hereby referred to collectively as CUSTOMER. By purchasing and installing the ACCUAIR products, systems, or components to which this Installation Manual relates, CUSTOMER is deemed to agree with and accept the terms and conditions below.

Limited Warranty

ACCUAIR will repair or replace any defective products or components for the life of the vehicle on which they were originally installed, provided that the products or components were installed exactly as instructed herein, not modified or altered, and operated as expressly intended by ACCUAIR. Upon the return of a failed component(s) at CUSTOMER's expense, ACCUAIR will determine the cause of failure. If it is due to improper installation or misuse of the system, as determined by ACCUAIR, a repair charge will be assessed, and the customer will be contacted before work is performed or replacement parts are shipped. If the failure is due to defectively manufactured parts, then ACCUAIR will either repair or replace the failed components, at their own discretion and in a timely manner. There are no other warranties, express or implied, except as contained in this paragraph.

Repairs and Returns

A Return Merchandise Authorization Number (RMA) is required for ALL shipments to ACCUAIR. This number should be written in large letters on the shipping box. Call ACCUAIR to receive an RMA number and send items to:

AccuAir Control Systems, L.L.C.
Attn: Service Department/RMA # _____
831 Buckley Rd.
San Luis Obispo, Ca, 93401
USA

Legal Disclaimer (IMPORTANT-PLEASE READ CAREFULLY)

- ACCUAIR's products are intended and designed for off-road use. If a customer chooses to use ACCUAIR's products on a highway. CUSTOMER understands that they do so at their own risk.
- ACCUAIR's products must be installed by a qualified professional installation facility, as recommended by ACCUAIR.
- ACCUAIR's products may void or limit any manufacturer's warranty or service contract covering CUSTOMER's vehicle.
 ACCUAIR shall have no liability for any effect that installation of its products may have on such warranties or service contracts.
- ACCUAIR's products may drastically alter the performance characteristics of CUSTOMER's vehicle and may cause it to operate in a manner not intended by the vehicle's original manufacturer. System operation and installation is at the CUSTOMER's own risk.
- CUSTOMER is responsible for periodically inspecting any and all ACCUAIR products or components installed on CUSTOMER's vehicle, to ensure they remain safe and functional. ACCUAIR shall have no liability for any loss or injury caused by CUSTOMER's failure to inspect.
- ACCUAIR shall have no liability for damage to property or persons caused by its products, components, accessories, installation instructions, or otherwise. CUSTOMER alone assumes all such risks and liabilities.
- ACCUAIR accepts no responsibility for systems, products or components provided by other manufacturers for use with or around the ACCUAIR system. For components other than ACCUAIR's, follow the manufacturer's instructions for installation and operation.
- ACCUAIR's liability, if any, shall be limited to the replacement cost of the purchased product or component.
- Any and all disputes between ACCUAIR and CUSTOMER relating to the purchase or installation of an ACCUAIR product or component must be resolved through final and binding arbitration, applying the laws of the State of California, and conducted pursuant to the California Arbitration Act (California Civil Code sections 1280, et seq.). Arbitration shall take place in San Luis Obispo, California, and CUSTOMER consents to personal jurisdiction in California.



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