



Instructions

JL - TAC SYSTEM - PRESSURE CONTROL

Thank you for purchasing your Pressure Control TAC System from AAL! We greatly appreciate your trust in our company. We take that purchase and your commitment to us very seriously. If you have any questions along the way, please don't hesitate to give us a call at 385.202.4188.

What's included:

***** When installing this Add-on, some of these parts will replace others that were previously installed, or that came with the standard TAC System.*****

ARB Pressure Control	1	"T", -4 JIC M to -4 JIC F to -4 JIC M	1
Braided steel air line, 6" long	1	-4 JIC F cap	1
Braided steel air line, 28" long	1		
90° BSP to -4 JIC Male	2		

Note - If you purchased the ARB Pressure Control with your TAC System, now is the perfect time to install, otherwise you will need to remove the system from the tailgate in order to facilitate the additional wiring, plumbing and components.

The air chuck mounting plate is pressure control ready, only a few adjustments to the control itself are necessary.

When complete, your control and air chuck should look like this (right) as you look at it from behind.



Start by removing the black thumb nuts on each of the solenoids. Be careful, behind each one is a small o-ring. These will need to be removed as well. Be careful not to tear, nick, or break this o-ring, as it will need to go back on later. Once removed, slide the solenoids off of each post and set aside.

At this point we will need to configure the manifold for the necessary fittings. The small caps on the manifold can be removed with a 3.5mm allen wrench. Your manifold should look like this when the Pressure switch and fittings are installed correctly.



Note - The 90° fitting is equipped with a small non-removable flat washer. This washer may make contact with the cap/plug directly next to it. It may be necessary to file a flat on the edge of the washer to clear the cap. Not doing so may result in an air leak later on.

Next install the assembled manifold through the bracket as shown above. The brass hex on each post will fit perfectly inside the hole on the mounting bracket. Install the solenoids, silver side towards the bracket over the post, then the small o-ring and the thumb nuts and snug tight. Using an 11/16", 12 point, socket, tighten the solenoid nuts. *They are plastic, so be mindful not to over tighten.*

Next install the "T" onto the air chuck and leave it loose for now.



Install the 6" braided air line between the "T" and 90°BSP fitting as shown below. Once fitted, tighten the fittings. *Make sure not to kink hose.*



If you purchased your TAC System with the APEX hose reel, the other side of the “T” is the “Out to Hose Reel” port. This is where the 28” Braided steel air line will connect. If you did not opt for the reel, simply leave or install the 90° fitting (instead of the “T”), that came with the basic TAC System, in this location.

Lastly, the 17” pressure feed hose that came with the TAC System will connect to the opposite side 90° fitting on the Pressure Control. This will run through the gate and connect to the ARB compressor. *See the last image for reference.*

If you haven’t already, you may now complete the Pressure Control wiring according to the ARB instructions.

We take great pride in building our products and we hope that pride extends to you after installing your ARB Pressure Control mount for the JL TACS system. If you are able to share your photos online (Facebook and Instagram), please tag **@AmericanAdventureLab**. We would love to see how it turned out and give you some reciprocal attention in return!

Congrats! You’re all done!

Thank you!

At American Adventure Lab, we strive to improve anywhere we can. If you experience any issues with this product or have any suggestions, please let us know.

If you have any questions or concerns, please don’t hesitate to reach out to us at 385.202.4188 or via email at Support@erp.adventurelab.com.

