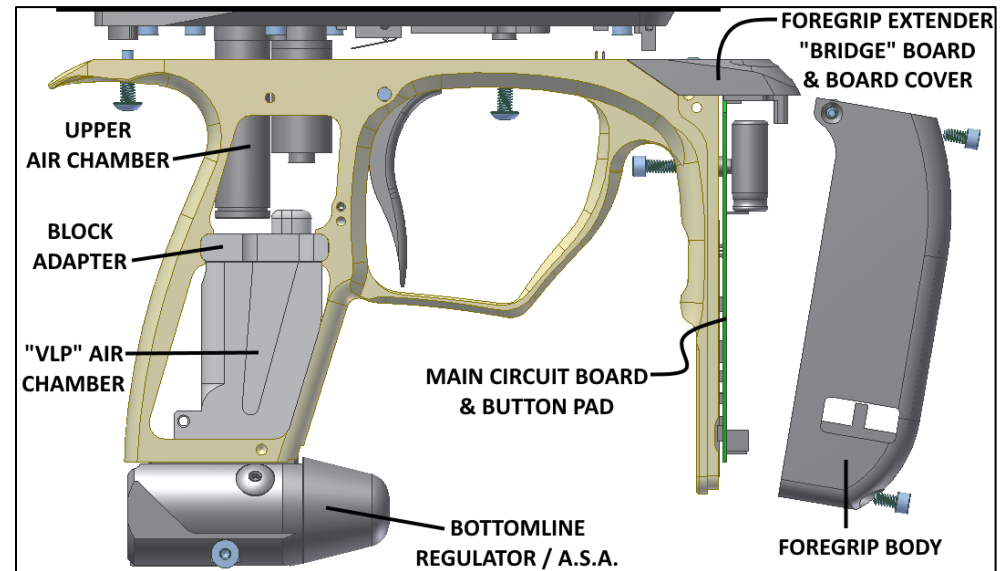


## NUMMECH PRODUCTS – MINIGS VLP-X FRAME

Installing the VLP-X grip frame requires a complete disassembly of your marker's stock frame; this is a lengthy process! Please read these instructions prior to disassembling your marker. An installation video can be found on our website [www.nummech.com](http://www.nummech.com).

1. Remove and disassemble the factory grip frame. First separate the grip frame from marker body, then remove the frame's internals such as the trigger, bottomline regulator, foregrip, and circuit board hardware. Set all components aside as many will be re-used.
2. Many existing components can now be installed into the VLP-X frame in any order. Install your existing trigger and foregrip button pad. Gently install the foregrip circuit board into the frame's bridge board connector. A new circuit board screw is pre-installed using a strip of tape, however this screw isn't strictly required because the foregrip circuit board tends to remain stationary on its own.
3. Install the foregrip cover using the factory screws.



### Installation of the regulator using the VLP air chamber:

The VLP-X frame uses an internal air chamber which utilizes two new screws to attach the marker's regulator/ASA.

4. Before installing the regulator/ASA, verify that ONE o-ring is installed on top of the regulator housing. Spare o-rings are included with the frame's hardware. Apply a small amount of grease to this o-ring (it should not be dry)
5. Slide the regulator/ASA onto the VLP-X grip frame. Once in position, install and tighten both of the NEW regulator mounting screws from the inside of the grip area. See the diagram at the right; short screw goes in back, long screw with an o-ring goes in front (inside the air chamber itself). **Be patient! The screws will need to be carefully guided into position, which may take several attempts.** If needed, guide the screws into position using a small allen key or another tool.  
Tighten the screws "hand-tight" using the provided 9/64" ball-rounded allen key.

To install the assembled frame back onto the marker, **carefully** slide the Mini-GS upper air chamber and solenoid down through the top of the VLP-X frame. Be sure not to snag any wires when pushing the parts together. Simultaneously, guide the circuit board's male connector into the female connector hanging down from the marker body. **Do not force the components together; any large resistance means some components are mis-aligned!**

Re-install both frame screws to secure the frame and body together.

Once installation is complete, we recommend testing the marker to ensure everything functions properly. The marker may need to be re-chronographed; If shooting faster than 290-FPS, decrease the marker's input pressure by approximately 15-psi then try adjusting the velocity again. Every marker is different so there are no universal settings that will work with everything. Typically no dwell adjustments are required.

