

NUMMECH PRODUCTS

EMPIRE AXEPRO 2015+ VLP GRIP FRAME

Installing the VLP 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.

Stock frame removal and disassembly:

1. The first step is to remove the factory grip frame from the marker body. The frame is held onto the body using two cap screws which must be unscrewed. **Important: remove the front screw first, then remove the rear screw second.** Gseparate the grip frame from the marker body and set it aside.
2. Remove all factory hardware from the stock frame. The suggested order is as follows: quickrelease button (use caution!), foregrip, trigger guard, trigger, regulator/ASA.
3. Install your existing trigger, trigger guard, and foregrip onto the new VLP frame. Re-use the factory screws.

Installation of the regulator using the VLP air chamber:

The VLP frame uses an internal air chamber which requires a new mounting method for the marker's regulator/ASA. The regulator/ASA requires two NEW screws which are included with the frame's hardware.

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 grip frame from the front. Once in position, install and tighten down both of the NEW regulator mounting screws from the inside of the grip area. The short screw goes in back, whereas the long screw with an o-ring goes in front (inside the air chamber itself). See diagram to the right. **Be patient! The screws will need to be carefully guided into position, which may take several attempts.** If needed, use other allen keys or tools to help guide the screws into their locations.

Tighten the screws "hand-tight" using the provided 9/64" ball-rounded allen key.

6. Install the stock quickrelease button and spring from your factory frame. Use caution as the button can shoot out from the frame under spring tension!

Re-installation of the assembled grip frame onto the marker body:

7. Follow the removal process in reverse. Gently slide the Axe's air chamber and solenoid down through the top of the VLP frame. Be sure not to snag any wires when pushing the parts together.
8. Once installed in position, **tighten the frame's rear screw first, then re-install and tighten the frame's front screw second.**

Once installation is complete, we recommend testing the marker to ensure everything functions properly. The marker will need to be re-chronographed. If shooting faster than 290-FPS, decrease the marker's input pressure by approximately 20-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.

