

NUMMECH PRODUCTS – EMPIRE AXE VL FRAME

The upgrade package contains your new frame with pre-installed set screws for the bottomline and foregrip. You'll re-use your stock grips, bottomline ASA, quickrelease button, and trigger. Installing the upgrade frame requires a complete disassembly of your stock parts, but most of it can be done in any order. Use caution when handling the quickrelease button since its spring can cause the button to shoot away from the marker uncontrollably. Frame installation can begin once all stock parts are removed, including the stock frame.

Installation of your bottomline dovetail mount:

The upgrade frame uses a redesigned air connection: it uses a spring-loaded air coupling to seal against the bottomline ASA. > To install the ASA, first be sure there is only ONE o-ring installed between the frame and the regulator's receptacle (an o-ring should be pre-installed on the air coupling upon purchase). Insert the bottomline dovetail mount into the underside of the frame and press the regulator ASA up against it, while ensuring the air coupling is positioned inside the o-ring's receptacle in the top of the ASA. Push and hold the ASA against the bottom of the frame while at the same time tightening the two dovetail mount set screws (located on the left side of the frame).

Trigger return magnet adjustment:

The frame magnet is held in place using a set screw accessible from top. The magnet's position has a small range of movement which can be used to adjust the return tension if needed. Note: the frame magnet needs to repel against the trigger magnet, so you may need to flip it around in the event that they are attracting each other upon purchase.

Quickrelease button installation:

Re-use the factory quickrelease button and spring from your stock frame.

Use caution! The quickrelease button is spring-loaded and may shoot out from the stock frame!

The upgrade frame has an undercut to help prevent this in the future. To install, insert the spring into the undercut then compress the quickrelease button into the small groove beneath it.

Grips modification:

Certain grip panels require modification to fit around the new frame's transfer tube. If needed, use a knife or hand-file to carefully shave away the small protrusion on the inside of the grips. This should allow them to be installed around the frame's air tube.

Once the trigger and dovetail mount are installed, the installation of the remaining components is identical to the stock parts.

1. To install the frame onto the marker body, carefully slide the Mini's air chamber and solenoid down through the top of the frame. Be sure not to snag any wires when pushing the parts together. Once installed in position, use the two stock frame screws to attach the frame and body together.
2. Slide the stock foregrip onto the front of the upgrade frame and tighten the two dovetail set screws.
3. Reinstall the grips.
4. Once installation is complete, we recommend testing out the marker to ensure everything is functioning properly. Increasing your marker's dwell time may be necessary, depending on your pressure and velocity settings. Consult your circuit board's manual for instructions on dwell adjustment.

