

# NUMMECH PRODUCTS - INVERT MINI VL FRAME

The upgrade package contains your new frame with pre-installed set screws for the bottomline and foregrip. You will re-use your stock grips, bottomline ASA, and trigger. Installing the upgrade frame requires a complete disassembly of your stock parts, but most of it can be done in any order. Disassembling the stock frame components consists of remove your grips, bottomline dovetail ASA, foregrip, and trigger. Lastly, separate the frame from marker body. Use caution since the bolt may spring outward once the rear screw is loosened. The upgrade frame installation can begin once all stock parts are removed.

There are two important changes compared to the stock frame: the **trigger magnet system**, and the **spring-loaded air connection** system.

## 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, and be sure 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).

## Installation and setup of your trigger:

The upgrade frame comes with a pre-installed magnet which offers adjustable return force. Slide your existing trigger into position then re-install the trigger pin through one side of the frame.

### Magnet adjustment:

The upgrade frame magnet is held in position using a vertical set screw at the base of the trigger guard. You can adjust the position of the frame magnet by loosening this set screw; move the magnet closer to the trigger for a heavier pull, or further away for a lighter pull. 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.

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.

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.

