NUMMECH PRODUCTS

N-MAG MECHANICAL GRIP FRAME

This grip frame doesn't require specialized instructions for assembly, but we have some notes on compatibility.

Some new screws are included:
You will likely not need all the screws, but you will probably need some of them.

Included hardware:

#10-32 thread, 3/4" length
For use with markers using a separate body/rail

#10-32 thread, 7/16" length
For use with unibody-style markers

#6-32 thread, 3/16" length
#6-32 thread, 1/4" length
New grip panel screws of various lengths

The N-mag frame has a partially-hidden front frame screw which can use a shorter screw, but often the common frame screws will work.

Multiple sets of grip panel screws are included, depending on the thickness of the grips.
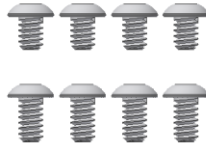
Internal reg blocker:
The frame is built to be compatible with an optional pneumatic trigger valve, so the grip's internals are machined to route air internally. The mechanical-version grip frame uses a set of components to block off those internal air ports (seen at right). The blocker parts don't require regular maintenance unless a leak develops over time.

Set screw
(loctited)

Blocker cap

Reg blocker
(13/70 o-rings)

8/70 o-rings

ASA compatibility:
The frame's internal air routing requires the included shutoff ASA adapter which mounts with the frame using 4qty #6-32 x ½" cap screws from within the grip area. This is necessary to provide the sealing surface between the frame and ASA.
If you wish to use a typical gas-thru foregrip, you can use a T-rail mount or a bolt-on ASA (#10-32 screws with ¾" spacing).

External air hose:
To use the shortest external air hose, we recommend a stubby macroline or hardline setup. When using macroline, players have reported best results with a swivel elbow on the frame connected to a fixed elbow on the valve. However, you will likely need to loosen or remove both frame screws to field-strip the valve, because the short macroline hose can be difficult to maneuver.
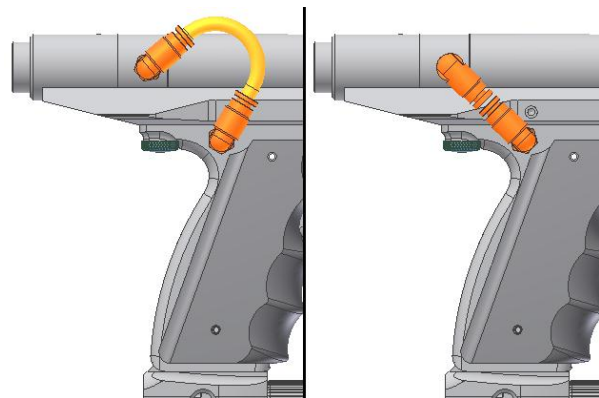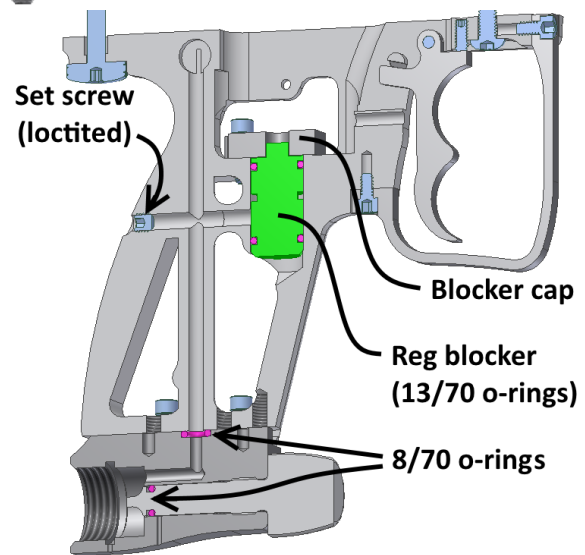
Hardline air hose will provide a cleaner setup but requires custom-fitting to each marker.