

Hop Systems Manual v2

IMPORTANT CHECKLIST:

- Lonex hop ups come with a thicker c-clip that may or may not fit in your airsoft gun. In this case, use a standard M4 c-clip. When installing, make sure the hopup and barrel are centered with the c-clip and pushed together back tightly until the c-clip locks into place. If the c-clip fails to lock, your barrel will become loose while shooting and cause massive air leakage.
- DO NOT disassemble your drop-in kit without contacting us first, to avoid re-installation errors.
- This does not apply for Drop in kits. Make sure you have a properly flat hopped bucking and hop-up unit to use with our r-hopped barrels. We recommend using our services for assurance since user error can cause negative performance.
- 0.30g and up recommended for optimal performance of the R-hop. Use high-quality brand bbs.
- Make sure the hop up is pushed against the gearbox with active spring tension for the correct air seal. No spring tension or hop up being tight inside the outer barrel will cause an air leak.
- To clean and maintenance your inner barrel, please follow our cleaning instructions closely.
- Make sure to adjust your hop up unit to achieve optimal flat trajectory.
- Make sure to chronograph test your gun after kit installation, make sure your fps is healthy, and the fps consistency deviation is small.
- Make sure your hop up is aligned symmetrically with the barrel; otherwise this will cause bb curvature which you can easily remedy by twisting the barrel slightly inside the hop up until your bb path is straight.

Manual Introduction

Following this guide is critical to ensure proper installation and performance of the R-hop, please go through the important checklist first. For troubleshooting needs, please contact our customer support.

Hop Systems Introduction

Hop Systems upgrades your range and accuracy with the best quality R-hop Kits at the lowest prices. We are committed to delivering easy to install R-hop barrels with a large variety of drop in kits, brands, sizes, and different services. Hop Systems take their time and expertise to craft the best r-hop kits out there, saving you time and money, making it a smooth customer experience.

Customer Support & Warranty

- Please contact customer support upon discovery of a problem; we will know the answer to your diagnosis and help you solve them.
- If you have an issue with our product, withstand premature judgment until you have contacted us. Airsoft guns are complicated machines with many playing factors that require diagnosing. In this case, our technicians will help you.
- We have a lifetime warranty for all r-hop products; contact us for more information about our warranty.

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Phone: 1 916 596 8829

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Recommended Airsoft BBs

- ❖ 0.30g and up recommended with the usage of the r-hop. The heavier weight gives you more maximum range, consistency, Joule, and wind resistance. The r-hop will allow you to use bb weights up to 0.69g as long as your fps can support it. 0.25g has acceptable performance.
- ❖ You must use high-quality bbs for consistency performance. Reliable Brands (no particular order): G&G, Elite Force, ASG, BLS, Geoff, AEX, KWA/KWC, Laser Dots, Airsoft Surgeon, etc.

Barrel Cleaning Maintenance

- ❖ You can cut small strips of paper towels or microfiber cloth to use with a cleaning rod.
- ❖ Do not make the cleaning swab too tight for the barrel; you will risk breaking the r-hop patch off the adhesive from the swab pressure. Make sure your swab can move with light to medium pressure.
- ❖ Clean your barrel without disassembling your R-hop Drop in kit, use the swab with light pressure.
- ❖ Do complete push strokes only, exposing the end of the cleaning rod each time.
- ❖ Solvents like alcohol or oil are not required. If you do use them, only use a small amount, and make sure you thoroughly dry your barrel and patch afterward. Any solvents left on the patch can cause swelling of the patch.

Flat Bucking Requirement for R-HOP (Instructions for R-hop Barrel Only)

- ❖ A Flat bucking is a mandatory requirement to be paired with the r-hop. A modification can achieve this or purchase a flat bucking from our website.
- ❖ You can find various youtube guides on how to flat hop your bucking.
- ❖ DO NOT: During modification, do not rip or cut your bucking lip or bucking surface, do not leave pieces of the mound left on the bucking, make sure it is completely flat. Be careful while turning your bucking inside out, cutting the bucking lips will cause an air leak and terrible accuracy.
- ❖ We recommend purchasing a flat bucking from our website, or sending in your bucking to Hop Systems for modification assurance. Contact us to start this service.

Flat Hop and Nub Installation for R-HOP (Instructions for R-hop Barrel Only)

- ❖ We recommend using an M-nub or Sorbo nub. DO NOT use drop in flat nubs like the modify, maple leaf, etc. without contacting us. Drop in flat nubs are notorious for causing over-hop because of how tall they are. You can purchase an m-nub or sorbo nub through our web store. You can also send in your hop up chamber to our technicians to flat-hop them professionally with assurance.
- ❖ If you do not have an m-nub or sorbo nub, please use the stock cylinder type soft nub. It will still perform very well with the r-hop.
- ❖ You can find various youtube guides on how to flat-hop your hop up unit. You can install the flat nub yourself, but keep in mind, any error during installation and modification could potentially lead to bad results.
- ❖ We recommend purchasing a flat hop up or drop in kit from our website, or sending in your hop up unit and bucking to Hop Systems for modification assurance. Contact us to start this service.

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