

**RD-15**  
**LPR**

# BARREL BREAK-IN

Ridgeline Defense RD-15 Light Precision Rifles utilize PROOF Research cut rifle stainless steel barrels that have been custom made to our exacting specifications. PROOF Research has published their recommended barrel break-in procedures which we have included for your convenience.

**▲ NOTE:** Please do not use bullets coated with molybdenum compounds (moly-coated) during the break-in period. It is advised to avoid moly-coated ammunition until at least 100 rounds of standard copper-jacketed bullets have been fired. Additionally, PROOF Research does not recommend the use of moly-coated ammunition in general

## CLEANING:

For optimal safety and reliability, it is essential to regularly clean your PROOF Research barrel to ensure it is free from rust, dirt, grease, and firing residue. Remember to clean your firearm both before and after extended storage periods. Additionally, clean your firearm whenever it has been exposed to moisture or contaminants such as dirt, mud, sand, or grime. Accumulation of dirt, powder residue, or oil in the chamber can lead to malfunctions. Be vigilant for any failure to feed or extract a round, as this may indicate a dirty chamber.

## RECOMMENDED SOURCES FOR CLEANING SUPPLIES:

**Cleaning Solvent:** Butch's Bore Shine, Hoppe's #9, Shooter's Choice

**Copper Remover:** KG12, CR-10, Butch's Bore Shine

**One-Piece Cleaning Rod:** Dewey, Parker-Hale, Outers

**Bronze Wire Brush:** Sinclair International, Brownells

**Bore Guide:** Possum Hollow, Sinclair International

**Brush Cleaner:** CRC Brakleen

## CLEANING PROCEDURE:

**NOTE:** Ridgeline Defense and PROOF Research recommends always using a bore guide to protect the barrel throat from bowed or misaligned cleaning rods. Do not use brushes made from materials other than nylon or bronze as they can damage the internal surface of your barrel.

1. Check the chamber and magazine to ensure the firearm is completely unloaded.
2. Remove bolt carrier group.
3. Always clean the barrel from the chamber end to the muzzle (the direction of bullet travel). To remove loose powder residue, run three wet patches through the full length of the barrel using a high quality one-piece coated rod, bronze bore brush, and powder fouling removing solvent. Let the barrel sit for five or ten minutes (follow solvent manufacturer's instructions).



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## CONTINUED

4. Run one wet patch soaked with solvent through the barrel to remove any dissolved powder residue.
5. For heavier fouling soak a bronze wire brush with solvent and brush the barrel several times. Push the brush through the bore until it extends beyond the muzzle. (Never reverse the direction of the brush while in the bore.) Run three more wet patches through the barrel and let the solvent work for another ten minutes.
6. Run three dry patches through the barrel or until the patches come out dry.
7. Follow steps 3 through 6 until the patches come out clean. Inspect the interior of the bore for copper fouling. Modern cartridge jackets are made mainly of copper. Copper residue sticks to the barrel and can require more rigorous cleaning. A copper solvent may be necessary to remove copper fouling. Follow the manufacturer's directions when using a copper solvent.
8. After all fouling has been removed and the chamber and bore are dry, pass a slightly oiled patch through it for storage. A fine, light gun oil is recommended.

**NOTE:** Before firing, all excess lubrication should be removed and the chamber and bore should be thoroughly wiped dry.

## AMMUNITION

**⚠ WARNING:** Use only ammunition of the caliber specified on the side of your barrel. Prior to loading, inspect each cartridge for any damage and verify its correct caliber.

**PROOF** Research will not cover damages or injuries resulting from the use of faulty, nonstandard, "re-manufactured," or hand-loaded ammunition. Reloading is solely the responsibility of the consumer.

## **WARNING: AMMUNITION CONTAINS LEAD. ALWAYS WASH YOUR HANDS AFTER FIRING OR HANDLING AMMUNITION.**

1. Use only commercial-grade ammunition in its original packaging that corresponds with the caliber of your gun. The correct caliber is inscribed on the side of the barrel. You are responsible for selecting ammunition that meets industry standards and is appropriate in type and caliber.
2. Never use reloaded, wet, corroded, bent, dented, damaged or waxed ammunition.
3. Never mix ammunition.
4. Never leave ammunition unattended.
5. Store ammunition securely in a separate location from your firearm.

If you have any questions, please refer to user manual provided with your rifle, or if require assistance with your Ridgeline Defense MFG LLC. product, please reach out to us via email at [info@ridgelinedefense.com](mailto:info@ridgelinedefense.com).

