



# GFORCE ARMS - REFUGE BREAK-IN GUIDE

## PURPOSE OF BREAK-IN:

THE GFORCE ARMS REFUGE SEMI-AUTOMATIC SHOTGUN MAY EXHIBIT MILDLY STIFF CYCLING WHEN BRAND NEW. THIS IS NORMAL. SURFACES INCLUDING THE BOLT, RECEIVER RAILS, PISTON, AND CHARGE BAR REQUIRE BREAK-IN TO FULLY SEAT, SMOOTH, AND POLISH DURING USE.

## RECOMMENDED BREAK-IN PROCESS:

### Ammunition Recommended

- Type: Quality high-brass hunting or field loads
- Shot Size: #6 or larger (steel or lead shot acceptable)
- Velocity: 1250-1350 fps
- Shell Length: 2¾" or 3" (match chamber marking)

### 1. Initial Inspection & Lubrication

- Wipe down the firearm and remove excess packing oil.
- Apply quality gun oil to:
- Charging handle groove
  - Magazine tube
  - Bolt carrier contact surfaces
  - Action bar rails
  - Piston and inside the gas cylinder

### 2. Cycle the Action Manually

- With the gun unloaded, manually rack the bolt back and forth 50-75 times. This starts to wear-in friction surfaces.

### 3. Fire 150-200 Rounds of High-Brass Ammo

- Shoot in sessions of 25-50 rounds, reapplying light oil to the bolt and piston every 50 rounds.
- Avoid low-powered or budget birdshot for the first 150-200 rounds.

### 4. Final Cleaning & Inspection

- Field strip the shotgun.
- Thoroughly clean carbon from the piston, gas block, and bolt.
- Reapply lubricant to all friction surfaces before reassembly.

## MAINTENANCE AFTER BREAK-IN:

Clean and lubricate the gun every 200 rounds, or after each use in wet or dusty environments. Grease the bolt rails periodically for optimal cycling.

## Questions?

Visit [www.gforcearms.com/support](http://www.gforcearms.com/support) or contact us:

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