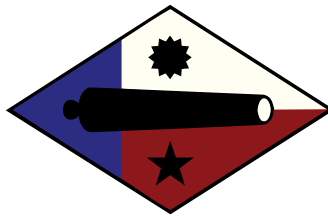


BEAL RIFLE CO

BRC-15

OPERATIONS AND MAINTENANCE MANUAL



HONORING TRADITION, CRAFTING EXCELLENCE



SAFETY WARNING

- Always ensure your firearm is completely unloaded before handling.
- Visually and physically inspect the chamber and magazine well to confirm the rifle is clear.
- Store your rifle in a secure, unloaded condition, inaccessible to unauthorized persons.
- This manual provides essential guidance for the proper operation, maintenance, and handling of your BRC-15.
- Please read it thoroughly before using your firearm.

Serial Number _____

Caliber _____

Date of Purchase _____

Location of Purchase _____

Applicable Calibers: 6mm ARC | 338 ARC | 22 ARC | 5.56 NATO | 300 Blackout

Honoring Tradition. Crafting Excellence.

Built by Beal Rifle Co., Fort Worth, Texas

www.bealrifleco.com | info@bealrifleco.com | (817) 888-3000

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1. SAFETY RULES

- Always treat every firearm as if it is loaded.
- Always keep the muzzle pointed in a safe direction.
- Keep your finger off the trigger until your sights are on target and you are ready to fire.
- Be sure of your target and what is beyond it.
- Know how to operate your firearm safely before use.
- Never hand a loaded firearm to another person.
- Always keep firearms out of reach of unauthorized individuals, including children.
- Use only the correct ammunition for your firearm.
- Ensure your firearm is clean and in good working order before use.
- Never modify or alter your firearm beyond manufacturer specifications.
- Store firearms securely in accordance with federal, state, and local laws.
- Use ear and eye protection every time you shoot.
- Never use alcohol, recreational drugs, or impairing prescription medication before or during firearm handling.
- Always unload your firearm before cleaning, transport, or storage.
- Follow range rules and instructions from certified range safety officers.
- Regularly inspect your rifle for signs of wear, damage, or malfunction.
- Keep your firearm pointed in a safe direction even when handling it for maintenance.
- Do not rely solely on the safety mechanism; safe handling practices are essential.
- Maintain awareness of your surroundings when handling a firearm.
- **Safety is your responsibility — take it seriously every time you pick up your firearm.**

2. RIFLE OVERVIEW

The BRC-15 is a premium, semi-automatic, direct impingement rifle built on the AR-15 platform and designed to exceed the expectations of discerning shooters. Each rifle is crafted with meticulous attention to detail, using U.S.-sourced billet aluminum and premium components. Every BRC-15 undergoes individual inspection, test firing, and precision assembly by the Beal Rifle Co team in Fort Worth, Texas.

Available in multiple calibers and Cerakote finishes, the BRC-15 is engineered for accuracy, reliability, and superior handling in a wide range of conditions—from competitive shooting to duty use.

3. CONTROLS & FUNCTIONS

CHARGING HANDLE

The charging handle manually cycles the bolt carrier group. Pulling it to the rear chambers a round or clears the chamber; releasing it allows the bolt to move forward under spring tension.

- Equipped with an ambidextrous design for operation from either side.

BOLT CATCH

Located on the left side of the lower receiver, the bolt catch allows the bolt to be held open or released forward. Used for locking the bolt open during inspection, cleaning, or after the last round is fired. Pressing the bottom paddle locks the bolt; pressing the top paddle releases it.

MAGAZINE RELEASE

Located on the right side of the lower receiver. Pressing the release ejects the magazine from the rifle. Always ensure the rifle is on SAFE and pointed in a safe direction before performing a magazine change.

SAFETY SELECTOR

The BRC-15 includes an ambidextrous safety selector with a 45-degree throw, allowing for quicker transitions between SAFE and FIRE. When in SAFE, the trigger is blocked and the rifle cannot fire. When switched to FIRE, the rifle will discharge when the trigger is pulled, assuming a round is chambered. Only disengage the safety when the rifle is pointed in a safe direction and you're ready to fire.

TRIGGER

The BRC-15 features a single-stage trigger designed for a clean and consistent break. A well-defined wall and minimal creep promote accurate, controlled shooting. Do not modify or replace the trigger unless performed by a qualified armorer.

FORWARD ASSIST

Located on the right side of the upper receiver. Allows the shooter to manually assist the bolt carrier group into battery. Should only be used if the bolt does not fully seat during chambering. Avoid unnecessary use, as it can mask underlying issues.

EJECTION PORT COVER

This spring-loaded cover protects the internal components of the rifle from dirt and debris. It automatically opens when the rifle is fired or the bolt is cycled manually. Always ensure it is closed when the rifle is not in use, especially in field conditions.

4. LOADING & UNLOADING

Loading

1. Point rifle in a safe direction.
2. Set selector to SAFE.
3. Insert loaded magazine.
4. Pull and release charging handle to chamber.
5. Verify bolt is seated; use forward assist if needed.

Unloading

1. Set to SAFE.
2. Remove magazine.
3. Lock bolt open with charging handle and bolt catch.
4. Visually/physically inspect chamber and magwell.
5. Insert chamber flag; allow bolt forward.

5. FIRING

1. Ensure rifle is loaded and chamber flag removed.
2. Aim downrange in a safe direction.
3. Switch selector to FIRE.
4. Align sights or optic.
5. Press trigger rearward.
6. Rifle will cycle and chamber next round.
7. After last round, bolt locks open.
8. Re-engage SAFE and follow unloading steps.

6. FUNCTION CHECK

1. **Clear Rifle** – Remove mag, inspect chamber, insert chamber flag
2. **Charging Handle** – Pull and release smoothly
3. **Safety Selector – SAFE** – Trigger must not release hammer
4. **Safety Selector – FIRE** – Pull trigger (in safe direction); hammer should fall
5. **Trigger Reset** – Press and Hold trigger, cycle bolt, release trigger to hear reset
6. **Bolt Catch** – Lock open and confirm function
7. **Inspect Controls** – Check for smooth, positive engagement

7. TROUBLESHOOTING

- **Failure to Fire** – Check ammo, clean firing pin, inspect bolt
- **Failure to Feed** – Inspect mags, clean chamber, verify gas system
- **Failure to Eject** – Clean extractor, verify ammo performance
- **Excessive Recoil** – Tune gas block, inspect buffer

8. DISASSEMBLY

1. Clear rifle, ensure weapon is unloaded
2. Push takedown and pivot pins
3. Remove BCG and charging handle
4. Optional: Remove buffer and spring
5. Optional: Field-strip bolt carrier group

9. REASSEMBLY

1. Rebuild BCG
2. Insert charging handle and BCG
3. Insert buffer and spring
4. Rejoin receivers via takedown/pivot pins
5. Conduct full function check

10. CLEANING & LUBRICATION

- Use CLP, bore snake/rod, chamber brush

- Clean barrel chamber to muzzle
- Clean upper receiver interior and locking lugs
- Clean bolt, cam pin, extractor
- Lubricate bolt lugs, cam pin, carrier rails, and contact points
- Wipe off excess oil

11. SAFE STORAGE

SAFE STORAGE IS NOT OPTIONAL

- Store rifle **unloaded** with chamber flag
- Lock in a **safe or secured cabinet**
- **Store ammo separately**
- Use **trigger or cable lock**
- **Control humidity**
- Never store in a soft case
- Regularly **inspect and re-oil** surfaces

IT IS YOUR LEGAL RESPONSIBILITY

Improper storage may result in legal liability or personal injury

12. WARRANTY & SUPPORT

Limited Lifetime Warranty

Covers original purchaser against defects in materials and workmanship.

How to Submit a Claim:

- Provide serial number, issue description, and proof of purchase
- Contact Beal Rifle Co. for authorization and return instructions

CUSTOMER SUPPORT

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www.bealrifleco.com