



ARIC

INSTALLATION & USER MANUAL

For use with 5.56mm and .223 Remington DI AR variants



ARIC (AR Internal Carrier) is designed to drop into your host firearm with LAW Tactical Folder Stock Adapter (FSA).

WATCH ALL INSTRUCTIONAL VIDEOS BEFORE INSTALLATION!

There are two versions of ARIC to accommodate various systems:

"M" carrier is designed for 5.56mm NATO ammo, and/or suppressed usage with .223 and 5.56mm

"C" carrier is designed for .223 Remington, 5.56mm NATO and should not be fired suppressed

Confirm you are using the correct version at lawtactical.com/aric

READ, WATCH, AND UNDERSTAND ALL INSTRUCTIONS BEFORE PROCEEDING

WARNINGS

- If firearms are carelessly or improperly handled, unintentional discharge may result and could cause injury, death, or damage.
- As with any firearm if the barrel is very hot from firing there is a risk of COOK-OFF (where a round in the chamber is discharged from the heat of the chamber and barrel). Do not leave a round in the chamber of a hot firearm.
- Do not attempt to fire if water is in the barrel. Open the action, shake and allow water to drain.
- Always be aware of risks from dropping a firearm, some parts could be damaged.

Caution: Use only factory ammunition designed for the firearm. The use of steel case ammunition is not recommended.

Caution: Read this manual, and the manual of the host firearm from cover to cover and follow procedures.

Caution: Always wear Eye and Ear Protection when shooting.

Caution: Wear Eye Protection during assembly and disassembly due to objects under spring tension.

Do not use under the influence of alcohol or other drugs that may impair judgement or coordination.

Consult your Owner's Manual for any questions on the safe operation of the host firearm.

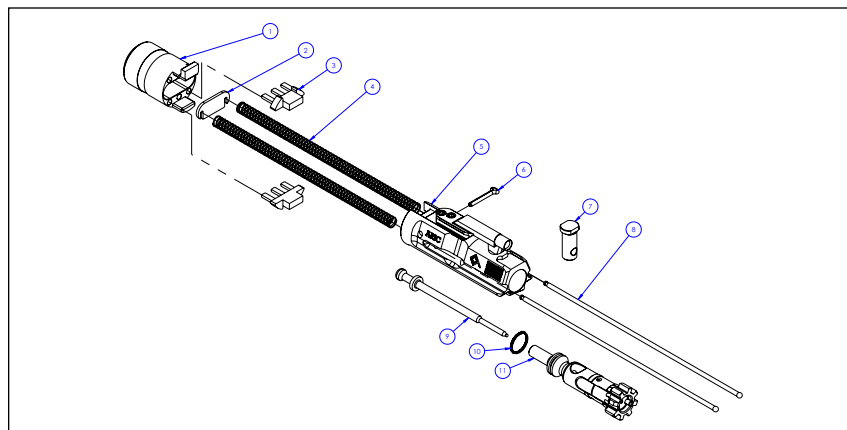
ENSURE THE FIREARM IS UNLOADED BEFORE ARIC INSTALLATION

If firing with the stock folded, ensure a firm grip on the firearm.

ARIC PARTS DIAGRAM

DO NOT DISSASSEMBLE FOR INSALLATION

- 1.) Tail Cup
- 2.) End Plate
- 3.) Recoil Bumpers
- 4.) Recoil Springs
- 5.) Carrier
- 6.) LT Firing Pin Retaining Pin
- 7.) LT Cam Pin
- 8.) Guide Rods
- 9.) Firing Pin
- 10.) One-Piece Gas Ring
- 11.) Bolt



Patented



For replacement parts or technical assistance contact Law Tactical LLC

www.lawtactical.com/aric

aric@lawtactical.com

CAUTION: Ensure the firearm is CLEAR/UNLOADED, consult firearms manual for these procedures.
Parts under tension, use Eye Protection during handling.

PARTS & COMPATABILITY

Firing Pin Retaining Pin

ARIC includes an enhanced Firing Pin Retaining Pin. DO NOT USE standard Retaining Pin OR Solid Retaining Pin designs as they may inhibit function.

Cam Pin

ARIC includes the LT Enhanced Cam Pin. DO NOT USE a Standard Cam Pin as it may cause wear or inhibit function.

Gas Key

ARIC includes an enhanced Gas Key design. DO NOT remove or adjust.

Triggers/Fire Control

Law Tactical recommends high-quality triggers and has tested USGI and Match Triggers:

- Recommended: USGI, Geissele, KAC, Larue, LMT.
- Not recommended: Colt "cut/notched" semiautomatic hammers due to known function issues with standard BCGs, Binary/Forced-reset or other similar style triggers.

Alternate Bolts / Calibers

The use of alternate bolts is not recommended and would still require use of the LT Cam Pin, One Piece Gas Ring and LT Firing Pin Retaining Pin for operation.

300 Blackout

Many 300 Blackout firearms will function properly with both "M" or "C" Carriers. However, due to lack of standardization, the "M" Carrier may not reliably function with some subsonic ammunition in certain configurations of barrels, gas ports, and suppressors.

BEFORE FIRST INSTALLATION

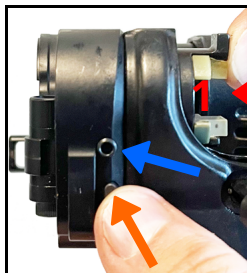
- 1.) Confirm firearm has the Law Tactical Folding Stock Adapter (FSA) installed. (See FSA instructions for procedure)
- 2.) Remove original Bolt Carrier Group (BCG), Buffer, and Action Spring from the firearm. (See firearms manual for procedure)
- 3.) Clean and Lubricate the Upper Receiver before installation, ensuring the Chamber is scrubbed with a Chamber Brush.
- 4.) Complete Tail Cup Fitment and Lubrication. (See instructions and videos below)
- 5.) Law Tactical recommends checking headspace of the provided Bolt before any live fire.

Tail Cup Fitment:

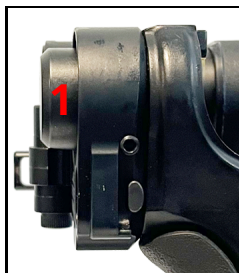
Remove Tail Cup (1) from ARIC assembly. Test fit into Lower Receiver through Threaded Flange (Red Arrow). Press FSA button (Orange Arrow). Ensure Cup seats against the lower and moves freely inside the flange. If it does not move freely, loosen the Side Set Screw (3/32") on the FSA (Blue Arrow). (See Cup Fitment Video)



CUP FITMENT



Insert Cup into lower receiver from front to rear



Proper Fitment

Lubricate ARIC:

Lubricate ARIC before installation into the Upper Receiver. ARIC has more lubrication points than a standard BCG. (See Lubrication Video)



LUBRICATION

CAUTION: Ensure the firearm is CLEAR/UNLOADED, consult firearms manual for these procedures.
Parts under tension, use Eye Protection during handling.

ARIC INSTALLATION

WATCH INSTALLATION VIDEOS AT LAWTACTICAL.COM/ARIC



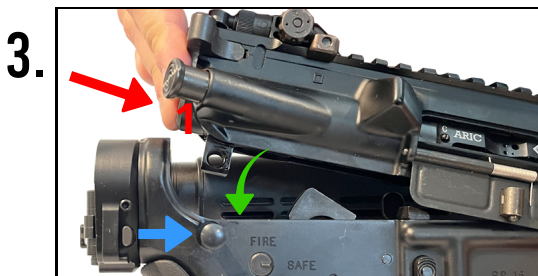
Insert ARIC into Upper Receiver

Slide the complete ARIC into the Upper Receiver in the same manner as a standard Bolt Carrier Group (BCG).



Depress Tail Cup into Upper Receiver

With the ARIC inserted into the Upper Receiver, press the Tail Cup (1) into the Upper Receiver. Ensure the Tail Cup Finger is aligned and inserted into the Charging Handle recess (A). Press and hold the Tail Cup so that it is inserted completely into the Upper Receiver. USE CAUTION: Parts will be under tension.



Attach Upper and Lower Receiver

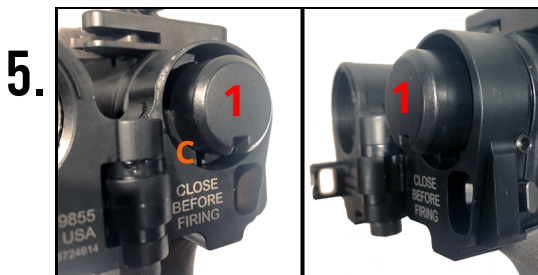
Maintaining pressure on the Tail Cup (1) so that it is fully inserted into the Upper Receiver, close the Upper and Lower Receivers (GREEN ARROW) and push the Rear Take Down Pin (BLUE ARROW) from right to left into the locked position as you normally would to secure the Upper to the Lower Receiver.



Depress Folding Stock Adapter Button

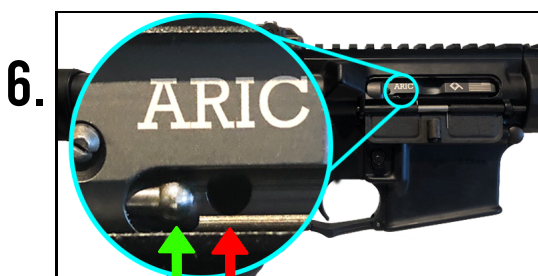
Confirm the Buffer and Action Spring are removed from the Buffer Tube (B). Store with the removed standard Bolt Carrier Group (BCG).

Press the Button (ORANGE ARROW) on the Folding Stock Adapter. This moves the Locking Finger (C) of the FSA, allowing the Tail Cup (1) to pass through the Threaded Flange and seat properly against the Lower Receiver.



Seat Tail Cup

After pressing the Button, ensure the Tail Cup (1) has extended past the receiver side of the hinge on the Folding Stock Adapter. The Tail Cup (1) has a groove around the body that allows the Locking Finger (C) of the Folding Stock Adapter (FSA) to secure it.



Visually Confirm Proper Installation

Confirm the Guide Rod Head (GREEN ARROW) is positioned behind the Debris Vent Hole (RED ARROW) on the Bolt Carrier. If not, this indicates the Tail Cup is not properly positioned past the Locking Finger of the FSA. See and repeat Step 4 & 5. If this does not correct the issue, reconfirm Tail Cup fitment. If the Tail Cup is not properly positioned past the Locking Finger, the carrier will not cycle properly. ARIC is now installed. (See Installation Video)

CAUTION: Ensure the firearm is CLEAR/UNLOADED, consult firearms manual for these procedures.
Parts under tension, use Eye Protection during handling.

ARIC REMOVAL

- 1.) Fold the Folding Stock Adapter (FSA).
 - 2.) Depress the FSA Locking Finger Button, then push the Tail Cup forward in front of the Locking Finger.
 - 3.) Push in the Rear Take Down Pin to unlock the Upper from the Lower Receiver.
 - 4.) Push the Tail Cup completely inside the Upper using your thumb.
 - 5.) Pivot Upper Receiver. Use care to retain Tail Cup, it is under spring tension. Tail Cup Finger may stick if slightly misaligned. Rotate to have the finger at 12 o'clock and it will slide out freely.
 - 6.) Remove ARIC assembly from the Upper Receiver by sliding it to the rear, the same as a standard Bolt Carrier Group.
- (See Removal Video)



REMOVAL

CLEANING & LUBRICATION

Law Tactical recommends high quality liquid lubricants designed for Suppressed, Semi or Full Auto Firearms. NOTE: Not all lubricants and cleaning products are compatible. Bio-based products may not react well with petroleum-based products. Before changing between products, thoroughly clean and degrease your firearm.



LUBRICATION

Ensure proper lubrication of all the moving parts (Carrier, Bolt, Cam Pin, Firing Pin). Generously lubricate the Guide Rods and Springs, the interior of the Tail Cup, and each end of the Springs that make contact with the Carrier and End Plate. (See Lubrication Video)

Clean and lubricate all other areas of your firearm including the Chamber, Barrel and Bolt per the firearm's manual. **Clean the Chamber with a Chamber Brush at regular intervals. Suppressed shooting increases fouling.**

DISASSEMBLY, MAINTENANCE & INSPECTION

With the ARIC system removed from the host firearm:

- 1.) Remove Tail Cup: Pull rearward to remove from assembly. Inspect Tail Cup and Bumpers for any damage.
- 2.) Remove End Plate: Use caution, parts under spring tension! Hold and slightly compress Springs away from End Plate. Rotate End Plate from Guide Rods.
- 3.) Remove Recoil Springs from the Guide Rods: Slide Springs away from Carrier to remove.
- 4.) Remove Guide Rods from Carrier: Slide Guide Rods FORWARD to separate from Carrier.
- 5.) Remove Firing Pin Retaining Pin, Firing Pin, Cam Pin and Bolt from Carrier: Use standard BCG disassembly procedures.
- 6.) Inspect Gas Ring: The Gas Ring is a One-Piece design. See JPEGR-223 instructions if unfamiliar with One-Piece Gas Rings



DISASSEMBLY

NOTE:

- Many components are enhanced designs and should not be swapped with standard AR components.
- Some systems may see internal cosmetic wear from the ARIC. This has not affected the function or life of the firearm or ARIC in long term endurance testing.

Recoil Springs & Bumpers:

Recoil Springs and Bumpers are user replaceable and designed to meet or exceed the life cycle of the standard recoil system in the host firearm. As with standard systems, heat, sustained suppressed firing or continuous rapid firing cycles, will reduce life. Inspect Springs and Bumpers for abnormalities. Small indents on the Bumpers are acceptable, however, damage including tears and/or cracks are not.

DO NOT shoot without bumpers.

Bumper Replacement: Pull Bumpers from Tail Cup and insert replacements. Top and bottoms Bumpers are Identical. Bumpers and Springs should be replaced together as required. (See Disassembly Video)

