

TNW FIREARMS Inc.

Aero Survival Rifle (ASR) User Guide

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Caution



SAFETY MUST BE THE FIRST AND CONSTANT CONSIDERATION OF EVERY PERSON WHO HANDLES FIREARMS AND AMMUNITION. (The terms he, him, his, she, her, and hers are interchangeable in regards to this informational manual.)

Warning: Only when you are certain you understand the manual and can properly follow its instructions should you practice loading, unloading etc. the firearm with live ammunition. This manual does not provide instruction on shooting, or safe handling practices, but teaches assembly, disassembly etc. only.

If you feel you cannot properly handle or use this product safely please seek supervised instruction. Such instruction is often available from gun clubs, gun dealers, or police departments. If these are unavailable to you, contact the National Rifle Association.

Warning: DO NOT USE THIS FIREARM WITHOUT COMPLETE UNDERSTANDING OF FIREARM SAFETY.

NEVER aim a firearm at another individual, animal, property etc.

NEVER operate a firearm after or during consumption of drugs or alcohol.

ALWAYS point the firearm in a safe direction.

ALWAYS wear ANSI approved safety glasses or goggles.

ALWAYS check to ensure the cartridge chamber is empty. Do not assume it is empty.

Make sure your firearm is clean. Firing it with an obstruction (first, lodged bullet, jacket residue grease etc.) in the barrel could cause the barrel to rupture.

Use correct and undamaged ammunition.

Store firearms and ammunition separately out of reach of children.

If you have questions, comments, or concerns, feel free to visit our website at TNWFIREARMS.COM or call our office at 503-429-5001.



- A. Trigger housing assembly P/N ASR-38-9, ASR-138-45
- B. Safety detent pin assembly (set screw P/N-ASR-052) (Safety spring P/N ASR-28) (Safety barrel nut detent pin P/N ASR-026)
- C. Safety P/N ASR-17
- D. Fire control pins P/N ASR-08
- E. Fire control clips P/N ASR-065
- F. Hammer P/N ASR-022
- G. Sear dis connector P/N ASR-025
- H. Sear spring P/N ASR-056
- L. Child safety lock screw P/N ASR-052

- J. Trigger ASY. ASR-106
- K. Trigger return spring P/N ASR-037
- L. Hammer spring P/N ASR-31
- M. Magazine catch screw P/N ASR-034
- N. Magazine catch spring P/N ASR-063
- O. Magazine catch 9mm P/N ASR-29-9
45 P/N ASR-29-45
- P. Ejector retainer pin P/N ASR-036
- Q. Ejector ASR-020
- R. Bolt stop P/N ASR-064

1. Receiver tube P/N ASR-001-R, ASR-001-L

2. Barrel assembly ASR-02-9, ASR-02-40, ASR-02-45 and barrel nut ASR-03

3. Receiver attach screw P/N ASR-015

4. Stock Lock ASR-019

5. Receiver cross pins P/N ASR -012

6. Firing pin retainer P/N ASR-009

7. Cocking handle P/N ASR-006

9. Snap ring barrel nut P/N ASR-032

11. Bolt carrier P/N ASR-005-R, ASR-005-L



8. Bolt head P/N ASR-004-9, ASR-004-04, ASR-00-45, ASR-004-22

10. Firing pin P/N ASR-007 and firing pin spring P/N ASR-010

SAFETY

1a. The safety button is located on the side of the trigger housing.

1b. When the red band is invisible, the safety is on.

1c. Likewise, when the red band around the safety is visible, the firearm can be fired.



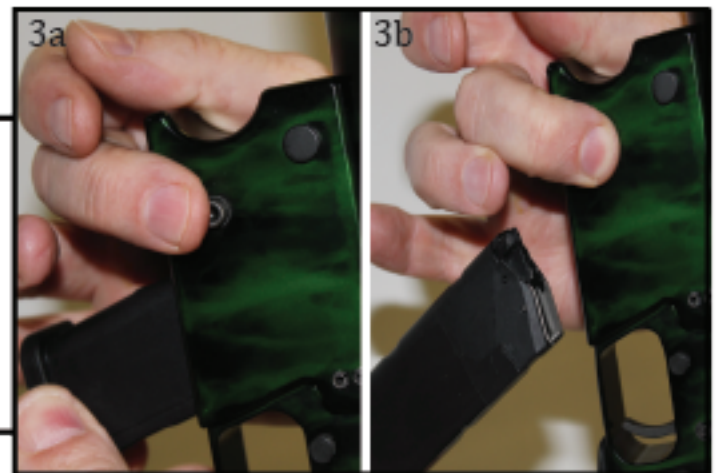
CHILD SAFETY LOCK

2a. This firearm is equipped with an integral child safety lock located on the right side above the trigger. To engage turn the safety lock clockwise with the allen key provided until the screw blocks the movement of the trigger (three revolutions). To unlock, rotate it counter-clockwise until the screw is flush with the surface of the firearm.

REMOVING THE MAGAZINE

3a. To release the magazine, press the button located in front of the magazine on the left side of the rifle.

3b. Pull the magazine down and out.



CHECKING THE CHAMBER

4a. Always check the chamber when handling any firearm. Never assume the chamber is empty. Before cleaning or disassembling any firearm ensure the magazine is removed and the firearm is unloaded.

THE TRIGGER HOUSING

5a. Begin by removing the two receiver cross pins by pushing them out with a small tool.

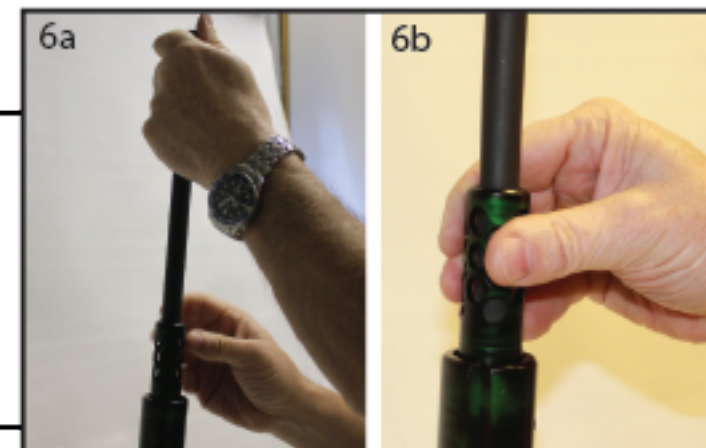


5b. Then pull down the trigger housing to remove.

REMOVING THE BARREL

6a. To remove the barrel, first push the barrel into the receiver.

6b. Simultaneously, twist the barrel nut counter clock-wise and release it from the receiver tube.

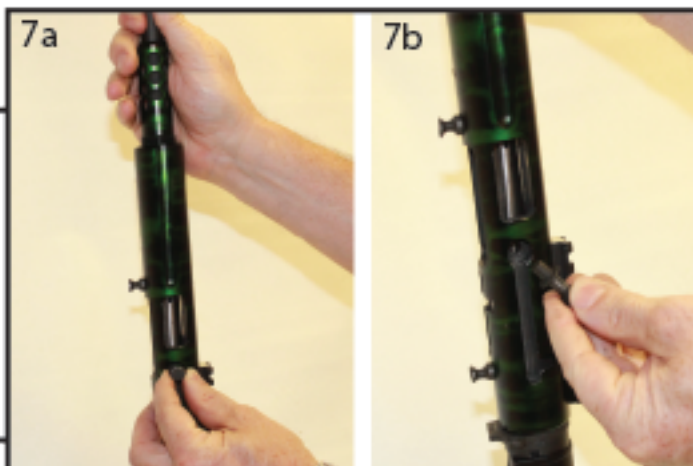


6c. Pull up the barrel to remove completely.

The Cocking Handle

7a. Using the barrel to push the bolt down into the receiver, align the cocking handle with the clearance hole.

7b. Then remove the cocking handle from the bolt assembly.



REMOVING THE BOLT

7c. Slide the bolt out of the front end of the receiver tube.

DISASSEMBLING THE BOLT

8a. Using a receiver cross pin, push the firing pin forward and remove the firing pin retainer from the side of the bolt. Tapping the side of the assembly will slide the pin out.



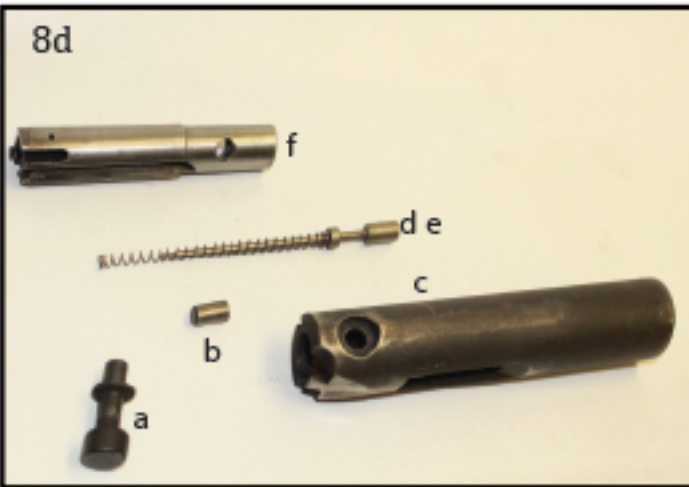
8b. When the firing pin retainer is removed from the bolt, the firing pin and firing pin spring can be removed from the front of the carrier.

8c. Remove the bolt head and withdraw the firing pin and firing pin spring from the front of the carrier.

8c



8d



8d. The disassembled bolt shown includes the cocking handle (a), firing pin retainer (b), carrier (c), firing pin (d), firing pin spring (e), and bolt head (f).

CHANGING THE EXTRACTOR

8e. To change the extractor from left to right ejection, remove the roll pin and transfer the components to the other side of the bolt.

8e



To assemble your ASR, complete the steps for disassembly in reverse order.

ASSEMBLING THE BOLT

9a. Replace the firing pin and firing pin spring into the bolt head.



9b. Place the bolt head back into the carrier.



9c. Push the firing pin forward into the bolt and insert the firing pin retainer.



10a



REPLACING THE BOLT

10a. Line up the bolt carrier key slot with the index pin inside the receiver tube and slide the bolt down.

REPLACING THE BARREL

11a. Place the barrel into the receiver tube. Align the index slot to the inside of the receiver tube.

11b. Tighten the barrel nut one revolution clockwise to align the cocking handle with the clearance hole.



12a



THE COCKING HANDLE

12a. Push the barrel down to align the cocking handle with the receiver access hole. Reinsert it.
12b. Tighten the barrel nut completely (reference image 11b), taking note of the audible click as the barrel nut is tightened.

Note: The witness lines on the barrel nut will be inside the receiver.

THE TRIGGER HOUSING

13a. Align the stock lock with the indexing pin on the rear of the trigger housing, making sure the hammer is in the cocked position.

13b. Attach the trigger housing via the receiver attach screws.



13a

13c



13c. Replace the two receiver cross pins. Note: If the trigger housing becomes loose, tighten the lash between the components by tightening the receiver attach screws.