



AKDAŞ OUTDOOR AV A.Ş.

USER'S MANUAL

SEMI-AUTOMATIC SHOTGUNS

(Double Piston Gas Operated)



WARNING: This product can expose you to chemicals including lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to

www.p65Warnings.ca.gov



**READ THE INSTRUCTIONS AND WARNINGS IN
THIS MANUAL BEFORE USING THIS SHOTGUN!**

INDEX

1. WARRANTY
2. SAFETY RULES
3. NOMENCLATURE
4. INITIAL ASSEMBLY AND INSPECTING
5. SAFETY BUTTON
6. LOADING AND USAGE
7. UNLOADING
8. DISASSEMBLY
9. REASSEMBLY
10. ADJUSTABLE COMB
11. USE OF CHOKE TUBES
12. PARTS LIST
13. EXPLODED VIEW
14. CLEANING AND MAINTENANCE

2 YEAR WARRANTY

Akdas shotguns are manufactured to the highest possible standards, using the finest materials, to give a lifetime of service. In the unlikely event of there being a defect in material or workmanship, at anytime within 2 years of purchase, Akdas undertakes to repair or replace the shotgun (at Akdas's discretion). Warranty is only valid for the original purchaser of the shotgun and cannot be transferred to subsequent owners.

STORING YOUR SHOTGUN IN A CARRYING CASE IS NOT ADVISABLE. RUST MAY OCCUR DUE TO TRAPPED MOISTURE IN THE CASE.

2-SAFETY RULES

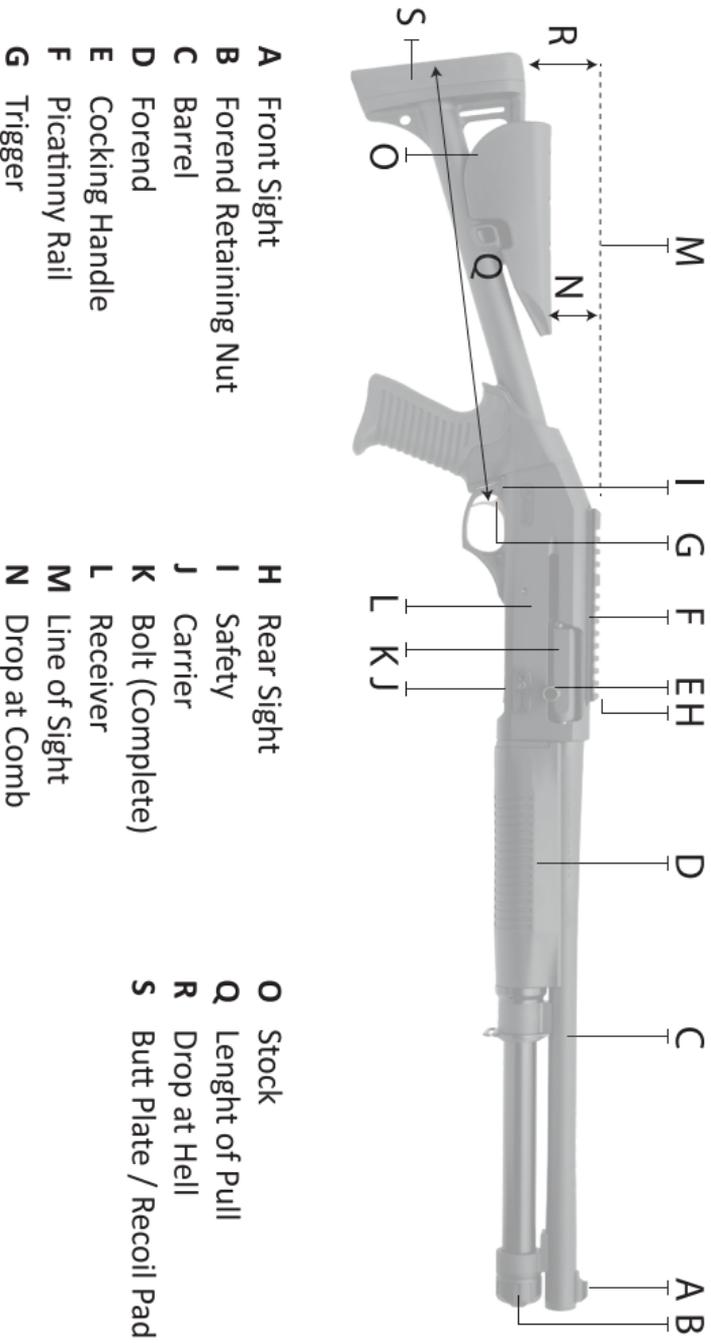
WARNING: THE FAILURE TO FOLLOW THESE SHOTGUN SAFETY REQUIREMENTS WILL CAUSE SERIOUS PERSONAL INJURY OR DEATH TO YOU OR OTHERS.

- ALWAYS TREAT A FIREARM AS IF IT WERE LOADED. NEVER ASSUME THAT IT IS UNLOADED.
- NEVER POINT THE FIREARM AT SOMETHING THAT IS NOT SAFE TO SHOOT.
- ALWAYS STORE FIREARMS TO PREVENT CHILDREN FROM HAVING ACCESS TO THEM. IT IS YOUR RESPONSIBILITY TO INSURE THAT UNAUTHORIZED PERSONS DO NOT GAIN ACCESS TO YOUR FIREARM. TO REDUCE THE RISK OF ACCIDENTS INVOLVING CHILDREN, UNLOAD YOUR FIREARM, LOCK IT AND STORE THE AMMUNITION IN A SEPARATE LOCKED LOCATION.
- ALWAYS WEAR ADEQUATE AND PROPER EAR PROTECTION.
- ALWAYS WEAR SAFETY PROTECTIVE GLASSES SPECIFIED FOR FIREARM USE.
- ALWAYS BE ALERT AND ALWAYS FOLLOW THE SAFETY INSTRUCTIONS OF THE RANGE OFFICER. NEVER SHOOT IF YOU ARE TIRED, COLD OR IMPAIRED IN ANY WAY.
- ALWAYS BE AWARE OF YOUR SURROUNDINGS, AND BE ALERT THAT PEOPLE CAN WALK INTO YOUR LINE OF FIRE.
- THE SHOOTER (AND ALL OTHERS IN THE SHOOTING AREA) MUST ALWAYS BE IN A POSITION THAT IS OUT OF THE LINE OF FIRE.
- NEVER SHOOT AT HARD SURFACES, WATER OR RANDOMLY INTO THE SKY. ALWAYS SELECT A PLACE TO SHOOT THAT HAS A SAFE BACKSTOP AND IS FREE FROM OBSTRUCTIONS AND WATER SURFACES WHICH CAUSE RICOCHETS.
- NEVER CLIMB A TREE, FENCE OR OBSTRUCTION WITH A LOADED FIREARM. OPEN AND EMPTY THE CHAMBER OF YOUR FIREARM AND ENGAGE THE MANUAL SAFETY BEFORE CLIMBING OR DESCENDING A TREE OR BEFORE CLIMBING A FENCE OR JUMPING OVER A DITCH OR OBSTRUCTION.
- NEVER TRANSPORT A LOADED FIREARM.
- NEVER USE ALCOHOL OR DRUGS BEFORE OR WHILE SHOOTING OR HANDLING ANY FIREARM.

NOTICE

Discharging firearms in poorly ventilated areas, cleaning firearms, or handling ammunition may result in exposure to lead and other substances known to the State of California to cause birth defects, reproductive harm, and other serious physical injury. Have adequate ventilation at all times. Wash hands thoroughly after exposure.

3-NOMENCLATURE



4-INITIAL ASSEMBLY AND INSPECTING



Figure 1

Your shotgun is shipped from the factory with the barrel assembled to the receiver (Figure 1)*.

** Depends on the country or region.*

5-SAFETY BUTTON

The safety is designed to stop the trigger mechanism.

The safety on any gun is a mechanical device, and it is not intended as a substitute for common sense or safe gun handling. Always keep the muzzle pointed in a safe direction.

- The safety is located behind the trigger, and provides protection against accidental or unintentional discharge under normal usage when properly engaged.
- To engage the safety, push the button from the left side so that it protrudes from the right side of the gun and the RED RING CAN NOT BE SEEN (Figure 2). The safe should always be in the “on” or “safe” position until you intend to fire the gun.
- When you are ready to fire the gun, press the safety button to the “off” or “fire” position, so that the safety protrudes from the left side of the shotgun and the RED RING APPEARS (Figure 3).

WARNING: The gun will fire when the trigger is pulled intentionally or accidentally when the RED RING APPEARS.



6-LOADING AND USAGE

WARNING: WHILE LOADING, KEEP THE SAFETY "ON" AT ALL TIMES AND KEEP THE MUZZLE POINTED IN A SAFE DIRECTION.

To load your semi-automatic shotgun, pull the cocking handle backward till it is locked (Figure 4) and press the bolt release button (Figure 5). Looking at the bottom of the gun, you will see that it is possible to move the carrier into the receiver. You can now insert shells in the magazine tube using your thumb (Figure 6). To chamber a shell when you are done with loading, push the shell drop lever located at the side of the trigger group housing (Figure 7). This will drop a shell onto the carrier, and then pull/release the cocking handle backward moving the shell on the carrier into the chamber with the support of the (Figure 8). When you pull and release the cocking handle, the first round will get chambered and you are ready to fire. As the first shell is chambered, you can add one more shell into the magazine tube.

WARNING: To prevent unexpected ignition and potential injuries, be certain that each round you use is in the proper gauge!
Always keep your fingers away from the trigger while loading and unloading your gun!



Figure 4



Figure 5



Figure 6



Figure 7



Figure 8

7-UNLOADING

WARNING: WHILE UNLOADING, KEEP THE SAFETY "ON" AT ALL TIMES AND KEEP THE MUZZLE POINTED IN A SAFE DIRECTION.

Push the rear side of the bolt release button and the carrier simultaneously. You will see that the shells will be ejected from the magazine tube (Figure 9). When all the shells are ejected, check the chamber by pulling the cocking handle backwards so that any shell in the chamber will be ejected (Figure 10).

Always keep your fingers away from the trigger while loading and unloading your gun.



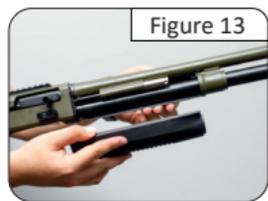
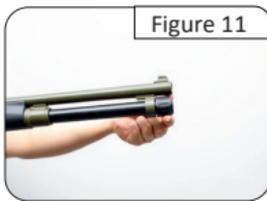
Figure 9



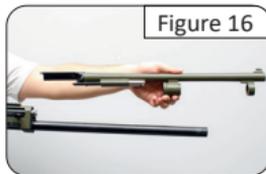
Figure 10

8-DISASSEMBLY

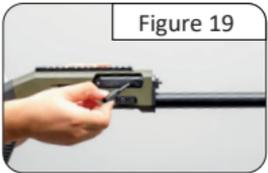
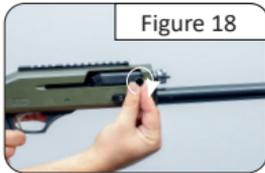
Unscrew the forend retaining nut (Figure 11), move the barrel slightly forward (Figure 12) and remove the forend that is made of right/left parts (Figure 13-14).



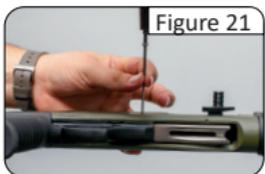
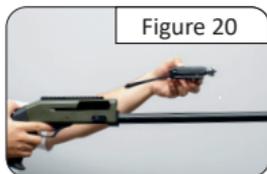
Next, disassemble the barrel (Figure 15-16) by pulling it forward.



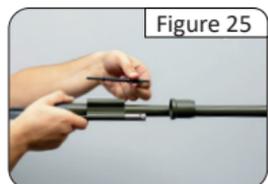
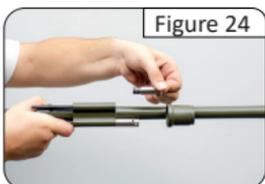
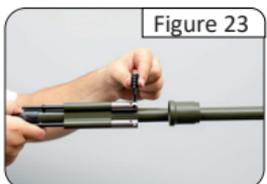
To remove the charging handle, you must remove the barrel first and make sure the charging handle reaches the machined slot at the bottom right-hand side of the ejection port (Figure 17). Simply rotate it clockwise (Figure 18) and remove it from the bolt assembly (Figure 19).



Next, take the bolt assembly out of the receiver (Figure 20). Using a tool (if necessary, a soft head hammer) remove the pin (Figure 21) and take the trigger group housing out (Figure 22).



Using the cocking handle, rotate and remove the gas discharge plugs (Figure 23-24) and gas pistons (Figure 25).



9-REASSEMBLY

To reassemble your shotgun, do each step explained in disassembly section in reverse order. Before putting the trigger group housing into its place, make sure that the hammer is cocked. Figure 26 shows the cocked state, and Figure 27 shows the decocked state of the hammer.

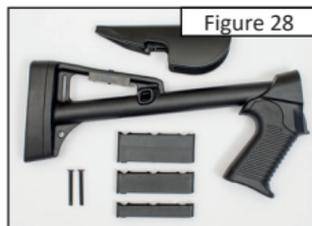


Figure 26

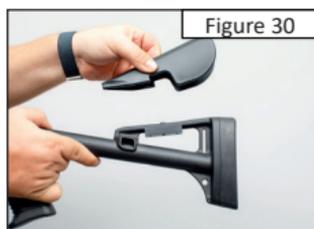


Figure 27

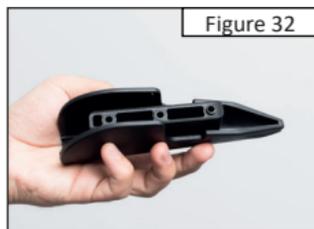
10-ADJUSTABLE COMB



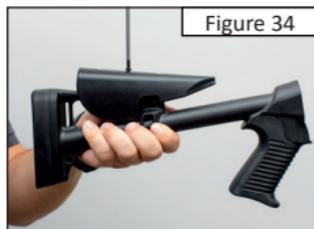
- Your shotgun is shipped with 3 pcs. of comb raising spacers (Figure 28). Depending on the model of your shotgun, one of the spacers may have already been assembled at the factory.



- To adjust the height of the comb, unscrew the comb retaining screws located at the top of the comb (Figure 29), and remove the comb part from the main frame of the stock (Figure 30).



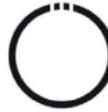
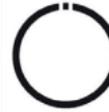
- After deciding on the desired spacer, attach it to the comb, aligning the screw holes (Figure 31-32). Make sure the rotation of the spacer is correct.



- Next, attach the comb part, which comprises a spacer, to the main frame of the stock, again aligning the screw holes (Figure 33). Finally, screw the comb retaining screws back in until the comb is securely in place (Figure 34).

11-USE OF CHOKE TUBES

With the choke tubes you can control the openness or tightness of the pattern of your shotgun. The chart below lists the chokes available (from open to tight), and the corresponding marks that indicate the choke of your shotgun.

AMERICAN DESIGNATION	CL (Cylinder)	IC (Improved Cylinder)	M (Modified)	IM (Improved Modified)	F (Full)
CHOKE TUBE					
NOTCHES	★★★★★	★★★★	★★★	★★	★
COMPATIBILITY WITH SLUGS	Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended
COMPATIBILITY WITH STEEL SHOT	Recommended	Recommended	Recommended	Not Recommended	Not Recommended
BEST IN THE AREA OF	Sporting, clay and skeet shooting. Short distance, more open shooting.	Quail, dove and target shooting. For shorter distance more open shooting.	Hunting woodcock, pheasant & quail with 30-35 yard shots. Long range hunting with steel shot and tight groups.	For hunting pheasant, ducks with 30-40 yard shots.	For duck and goose hunting with 40-45 yard shots. For long range hunting with lead shot and tight groups.

All the choke tubes are included in the package in a specially designed box.



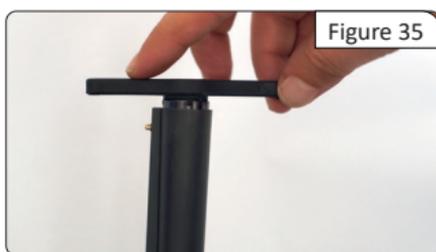
WARNING: When installing a choke tube in your barrel, make sure that the tube is completely screwed down tight in the barrel, never shoot your shotgun without the choke tubes installed as this may damage the barrel and injure the shooter. Choke tubes may become loose after extended firing and should be checked frequently for tightness.

11-USE OF CHOKE TUBES

INSTALLATION OF CHOKE TUBES

WARNING: Check that the firearm is unloaded. If not, unload the firearm by operating as described in the chapter “Unloading”. Never look into the muzzle or change tube on a loaded gun; even with safety is set to “ON”.

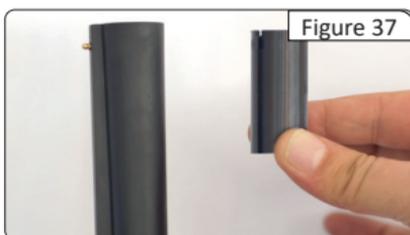
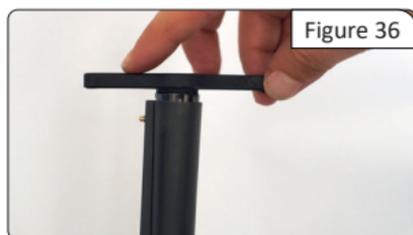
- Apply a thin coat of gun oil to the threads of the barrel and of the choke tube.
- Insert the desired chokes into the choke housing. Take care the notched end will be upside.
- Carefully hand screw the chokes into the barrels clockwise (Figure 35). Using the choke tube Wrench; tighten the choke until it is fully bottomed into its recess in the barrel.
- Remove the choke tube wrench after tightening.



REMOVAL OF CHOKE TUBES

WARNING: Check that the firearm is unloaded. If not, unload the firearm by operating as described in the chapter “Unloading”. Never look into the muzzle or change tube on a loaded gun, even with safety engaged.

- Unscrew (counterclockwise) the choke tube using the choke tube wrench supplied (Figure 36). Remove the choke tube from the muzzle (Figure 37).



CLEANING OF CHOKE TUBES

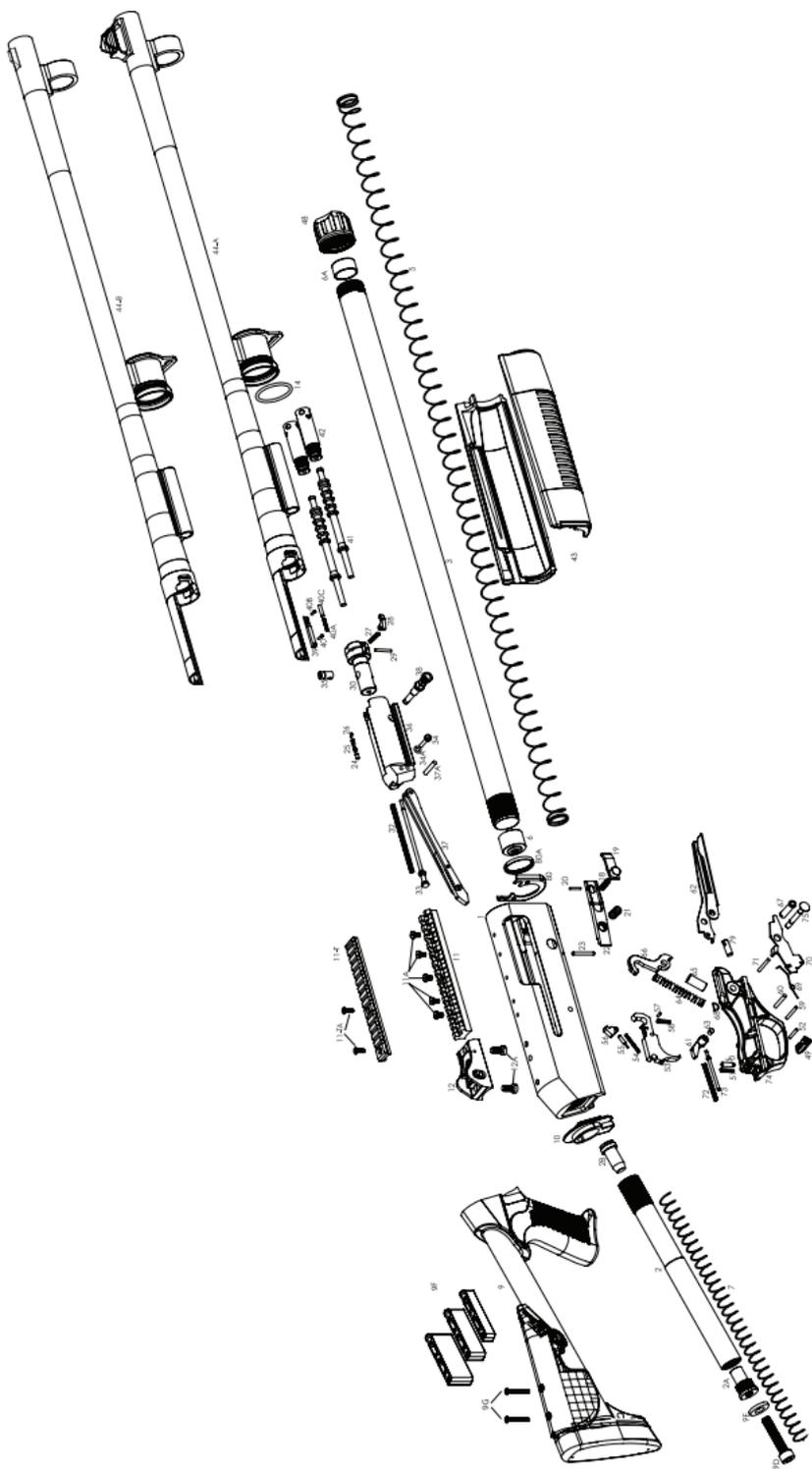
WARNING: Check that the firearm is unloaded. If not, unload the firearm by operating as described in the chapter “Unloading”. Never look into the muzzle or change tube on a loaded gun, even with safety is set to “ON”.

- Carefully clean the choke housing. If necessary, use a cotton patch coated with gun oil.
- Check the choke to make sure it is perfectly clean inside and outside.
- Apply a thin coat of gun oil to the threads of the barrel and of the choke tube.

12-PARTS LIST

1	Receiver	39	Ejector
2	Recoil Spring Tube	40	Ejector Rivet (Long)
2A	Recoil Spring Plunger	40A	Ejector Spring
2B	Recoil Spring Guide	40B	Ejector Rivet (Short)
3	Magazine Tube	40C	Ejector Retaining Pin
5	Magazine Spring	41	Piston (2x)
6	Magazine Plug	42	Gas Discharging Plug (2x)
6A	Front Magazine Plug	43	Forend (Left/Right)
7	Recoil Spring	44-A	Barrel (High Front Sight)
9	Stock	44-B	Barrel (Low Front Sight)
9A	Comb	48	Forend Retaining Nut
9B	Recoil Pad	49	Safety Button
9C	Comb and Recoil Pad Retaining Screw (5x)	50	Safety Spring Guide
9D	Through Bolt	51	Safety Spring
9E	Stock Washer	52	Safety Spring Pin
9F	Adj. Comb Spacers (3x)	53	Trigger
9G	Comb Retaining Screws (2x)	54	Disconnecter Spring
10	Grip Aligning Washer	55	Disconnecter Spring Pin
11	Picatinny Rail	56	Disconnecter
11A	Picatinny Rail Retaining Screw (5x)	57	Disconnecter Pin
11-T	Flat Picatinny Rail	58	Trigger Spring
11-TA	Flat Picatinny Rail Retaining Screw (2x)	59	Trigger Stop Pin
12	Ghost Sight Assembly	60	Trigger Pin
12A	Ghost Sight Assembly Retaining Screw	61	Carrier Lever
14	Forend O-Ring	62	Carrier
18	Bolt Release Button Spring	63	Carrier Lever Rivet
19	Bolt Release Button	64	Hammer Spring
20	Bolt Release Pin	65	Hammer Spring Guide
21	Carrier Lock Spring	66	Hammer
22	Carrier Lock	67	Hammer Retaining Pin
23	Carrier Lock Pin	68	Retaining Circlip
24	Cocking Handle Bearing Pin	69	Shell Drop Lever Spring
25	Cocking Handle Bearing Spring	70	Shell Drop Lever
26	Cocking Handle Bearing Pin	71	Shell Drop Lever Pin
27	Extractor Spring	72	Carrier Lever Spring
28	Extractor	73	Carrier Lever Spring Pin
29	Extractor Retaining Pin	74	Trigger Group Housing
30	Locking Block	75	Trigger Group Retaining Pin
32	Firing Pin Spring	79	Hammer Stopper
33	Firing Pin	80	Forend Retainer
34	Firing Pin Screw	80A	Forend Retainer Nut
34A	Firing Pin O-Ring		
35	Follower Pin		
36	Bolt		
37	Link		
37A	Link Pin		
38	Cocking Handle		

13-EXPLODED VIEW



14-CLEANING AND MAINTENANCE

WARNING: ENSURE THAT YOUR FIREARM IS UNLOADED BEFORE BEGINNING TO CLEAN IT.

At the end of the day of shooting/hunting, clean and lubricate the shotgun.

Cleaning procedure:

Check and regularly clean the gas piston, gas chamber and 2 gas ports inside the gas chamber; otherwise your gun may fail to cycle.

- Disassemble the shotgun (see paragraph "Disassembly").
- Clean the bores with care by passing a cleaning rod with a cotton patch coated with a high-quality gun oil to remove combustion residues. Also include the chambers in your cleaning operation.
- Do not forget to clean choke tubes and choke seats in the muzzle. Failure to clean these areas will result in the inability to remove the choke from the barrel and severe damage to the muzzle. If a choke tube becomes tight in the muzzle, this is an indication that the thread requires cleaning.
- Run a clean dry patch through the bores to remove oil residues.
- Lightly oil the inside of the barrels with a clean cotton patch coated in high-quality gun oil.
- Clean with care the external surfaces of the shotgun to remove any trace of dirt, sweat and fingerprints.
- Make sure you do not touch the metal parts while you are putting your shotgun back into its place of storage.

Always follow the instructions provided with your gun cleaner and gun lubricant.

Whenever your firearm has been exposed to sand, dust, extreme humidity water or other adverse conditions, it must be cleaned and lubricated.

After an intensive period of use, check the operation of the bolt assembly and if necessary, clean and lubricate it using suitable gun oil.

If your firearm seats used in a cold climate, be sure to use an oil of an appropriate weight so that it will not congeal in cold temperatures.

NEVER MANIPULATE, ADJUST OR CHANGE ANY OF THE INTERNAL COMPONENTS OF YOUR FIREARM.

ANY MAINTENANCE, ADJUSTMENT OR SERVICE NOT SPECIFIED IN THIS MANUAL MAY AFFECT THE SAFETY AND RELIABILITY OF YOUR FIREARM AND MUST BE PERFORMED BY AN AUTHORIZED GUN-SMITH USING GENUINE FACTORY PARTS. IF YOU DO OTHERWISE, IMPROPER FUNCTIONING OF YOUR FIREARM MAY OCCUR AND SERIOUS INJURY OR DEATH MAY RESULT.

When storing, do not encase the shotgun in anything that will attract or hold moisture, for example; leather or heavy cloth. Also, do not store shotguns with a plug inserted in the barrel for this can be a contributing factor to moisture accumulation. If the shotgun is to be stored for an extended period, the bore, chamber and internal surfaces should be oiled with a high-quality lubricating oil preservative intended for firearms.

The external parts; receiver, bolt and barrel should be coated with an anti-rust oil.



Rev : A08-270924