



**FR-98 12-GAUGE SHOTGUN
INSTRUCTION MANUAL**

**READ THE INSTRUCTIONS AND WARNINGS
IN THIS MANUAL CAREFULLY
BEFORE USING THIS FIREARM**

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OWNER'S MANUAL

FR-98 12-GAUGE SHOTGUN

IMPORTANT “SAFETY WARNINGS”

Be certain this owner's manual is available for reference and is kept with this firearm if transferred to another party. If the manual is lost or misplaced, contact your “Product Service Center” for a free replacement copy, or download a copy from www.fedarm.com.

After performing any work on your firearm such as cleaning, adjustments, disassembly, or installation of any accessory, the firearm should be re-checked for proper functioning before firing live ammunition.

Firearms are complicated mechanisms. Any modification, alteration, or improper fitting of parts may result in a dangerous malfunction, damage to the firearm and injury to the shooter and others. The firearm's owner must accept full responsibility for the correct reassembly and functioning of the firearm after any disassembly or replacement of parts.

If you do not understand any of the material in this manual or have any questions, contact your dealer or a qualified gunsmith.

Do not attempt to load or use any firearm until you have read and understood the information contained in its owner's manual. Before handling your firearm, you should learn how it operates and how to maintain it. This includes knowing its basic parts, how the manual safety and other safety features operate, how to safely open and close the action, and how to safely load and unload ammunition from the firearm. Improper use and handling is dangerous and could cause serious injury or death to you or those around you. All users of the firearm must become thoroughly familiar with the instructions in this manual.

As the owner of a firearm, you must undertake the full-time responsibility of safe firearms handling for your own safety and the safety of those around you:

- Keep all firearms and ammunition out of the reach of children.
- Store your firearms and ammunition separately.
- Never store a loaded firearm.
- Never leave a loaded firearm unattended.
- Never transport a loaded firearm in a vehicle.
- Unload your firearm when you have stopped shooting and when you have to climb a tree, fence, cross a slippery surface or have to transport it in a vehicle.
- Do not load your firearm before you are in a place where it is safe to shoot, and keep your finger off the trigger until you are on target and have decided to fire.
- Never shoot at water, rocks or any hard surfaces. Shots may glance off such surfaces and cause injuries.
- Do not use alcohol or drugs before or while handling firearms.

- Do not touch the trigger while the safety button is being engaged or disengaged.

Always point the muzzle of your firearm in a safe direction, regardless of whether the firearm is loaded or unloaded. Always treat every firearm as if it were loaded. Give your firearm to someone with the action open (bolt fully rearward) and safety in the "ON" (SAFE) position, after you verify the firearm is unloaded. Insist on the same procedure when receiving a firearm from someone else. Learn the location of all the safety features of your firearm and how they operate. Wear eye and ear protection when shooting. Shooting without proper ear protection can cause hearing damage. The use of eye protection during any type of shooting is important to protect your eyesight. Due to the heavy recoil of a shotgun, maintain an adequate distance between the rear of the scope (if equipped) and your face at all times. Be certain the scope installation does not interfere with access to, or the proper functioning of the safety.

WE SPECIFICALLY DISCLAIM ANY RESPONSIBILITY FOR DAMAGE OR INJURY WHATSOEVER OCCURRING IN CONNECTION WITH, OR AS A RESULT OF, THE USE OF FAULTY, OR "REMANUFACTURED," OR HAND-LOADED (RELOADED) AMMUNITION. ADDITIONALLY, WE DISCLAIM ANY RESPONSIBILITY FOR DAMAGE OR INJURY WHICH RESULTS FROM ANY MODIFICATIONS OR CHANGES THAT ARE NOT A PART OF THE FIREARM AS DELIVERED FROM THE FACTORY.

Learn to clean your firearm thoroughly and make certain no oil, grease, or other materials are blocking the barrel. Obstructions of any kind can cause damage to the firearm, and may result in serious personal injury to the shooter and/or others nearby. Practice proper firearm maintenance and safety. Make sure all exposed metal surfaces are coated with a thin film of oil, especially after exposure to damp weather. (See proper section of this manual for cleaning instructions). Do not plug barrel or store in a fabric-lined case which will absorb lubricants from the firearm. Before using after storage, follow complete instructions stated in this manual for refamiliarization with the firearm. A thorough inspection should be performed before going into the field. Have your firearm periodically checked by a qualified gunsmith.

Congratulations!

You are now the owner of the FR-98 12-gauge shotgun. Your shotgun has an innovative design and is manufactured from high quality materials. With regularly performed maintenance and the use of proper ammunition it will provide you with many years of service.

In order to achieve the best performance and reliability from your shotgun, please read and fully understand all of the instructions, safety guidelines, and warnings carefully in this manual. Your quality shotgun is enormously reliable and safe unless it is handled in a careless or irresponsible manner.

REMEMBER: It is imperative that the firearm handler be fully educated and conscious of the importance of executing proper gun safety rules when operating any firearm.

Before using or firing with any live ammunition you should know and fully understand your shotgun's parts, function, and operating mechanisms. So carefully read and fully understand all of the information about the parts and procedures of using the shotgun safely and effectively.

FIREARMS SAFETY

At FedArm, we believe that safe firearms handling is the most important consideration of anyone who uses firearms and ammunition. Please take a few minutes to thoroughly read and understand this instruction manual.

ALL GUNS ARE NOT ALIKE. Many makes and models of firearms may **LOOK** very similar. However, they differ widely in design and operation, and in the location and function of various controls.

You should completely understand this manual before you practice loading, unloading and firing with live ammunition.

Remember, firearms safety does depend on you!

WARNING: It is important for you to receive proper training from a competent firearms instructor or authority before beginning to shoot or when handling the firearm.

Failure to adhere to the rules of firearm safety can result in serious injury, death, or destruction of property

- 1) **Completely read and understand your owner's manual guidelines before using your firearm.** You should fully understand the function of all of the components and mechanics of the firearm. Before you remove the firearm out of the box thoroughly read the owner's manual on how to properly carry, handle, load, unload, and store your new firearm. Know the rules of proper gun safety and exercise them at all times because failure to do so may result in death or injury to yourself or others. Because it is impossible to list every firearm situation or scenario, be aware that certain circumstances may require additional safety rules unique to a particular situation. In these cases, we recommend that you use sound gun safety rules, judgment, and discretion.
- 2) **Always learn the specific mechanical and handling characteristics of your shotgun.** All firearms are different thus it is important for you to understand how to properly carry, use, and handle each one according to its specific guidelines. Before using any firearm, one must completely familiarize themselves with the type of firearm and its specific safe handling procedures for loading, unloading, carrying, shooting, maintenance, and storing.

NEVER

- Give the shotgun to any person who has not thoroughly familiarized himself or herself with all of the information, safety rules, and warnings in the owner's manual.
- 3) **Always keep the firearm unloaded until ready to use.** Firearms should be kept unloaded when not in use. Whenever you pick up a firearm, immediately engage the safety device and remove the magazine to visually inspect the chamber and confirm that it is clear. Always unload all ammunition from the chamber and remove the magazine after:
 1. shooting
 2. before putting the firearm away,
 3. putting it into a holster,
 4. when not in use, and
 5. when handing it over to another person.

NEVER

- Leave a loaded gun unattended, propped up against a surface, or out of your hands.
 - Assume a firearm is unloaded, even if you used it last. Always check to make sure that there is no ammunition and the chamber is clear.
 - Load a cartridge into the chamber until you are ready to fire.
 - Carry or transport your firearm with live ammunition in the chamber.
 - Pass a firearm to another person or accept a firearm from another person, until the cylinder or action is open and you have personally checked that the weapon is completely unloaded.
 - Haul a loaded firearm openly or in a carrying case.
 - Transfer or hand a loaded firearm to someone else.
- 4) **Always keep your finger off the trigger until you are ready to shoot.** When holding the firearm be sure to rest your finger on the trigger guard and along the side of the gun.

NEVER

- Touch the trigger until you are ready to fire.
 - Engage in horseplay while handling a firearm.
 - Rely on the safety devices of the gun. Mechanical safeties are never foolproof and can wear out and malfunction over time. Remember to always handle all firearms using proper gun safety guidelines.
- 5) **Always keep the gun pointed in a safe direction.** A safe direction is one in which an accidental discharge cannot or would not cause injury or harm to yourself or others. Use extreme caution especially when loading and unloading your firearm. When handling any firearm always treat it as if it was loaded and ready to fire, even if you think it is empty. The recommended carrying position of your shotgun is with the hammer in de-cocked position.

NEVER

- Point your firearm at anything you don't intend to shoot.
 - Use a firearm under the influence of alcohol, drugs, or any other substances that may impair your judgment, skills, or physical abilities.
 - Target shoot or hunt with a firearm when you are fatigued or too tired to operate the firearm safely.
 - Use your firearm if you have an illness or disability that could compromise your judgment and the safety of yourself or others.
- 6) **Always use the correct ammunition.** All firearms are manufactured to use a certain caliber or gauge of ammunition. Only use ammunition that the manufacturer has recommended. Always verify before loading that you have the correct ammunition that matches the manufacturer's recommendations. Using improperly reloaded or incorrect ammunition can cause death and injury. This can also damage or destroy your firearm which will void any warranty.

NEVER

- Shoot the gun unless you know you have the proper ammunition.
- Use hand loaded, non-standard or reloaded ammunition.

- Fire ammunition that exceeds industry standard pressure specifications.
 - Use old, soiled, or damaged ammunition.
 - Use ammunition which does not feed reliably in your particular firearm as it may malfunction at a critical juncture.
- 7) **Always store your firearm in a secured storage area to prevent unauthorized access or use from other individuals.** There are many types of firearm storage devices as well as locking devices that attach directly to the firearm itself. Each individual must consider their particular circumstances so that the firearm is stored and maintained for optimal safety and security. Metal gun safes are recommended over open racks or glass front cabinets. Mechanical safeties built into the firearm can fail and should not be used as a substitute for safe gun handling and adherence to all firearm safety rules. Additionally, always store your ammunition locked up and secured separately from any firearms.

NEVER

- Store or hide a loaded firearm
 - Leave your firearms where unauthorized access from other individuals can occur.
 - Allow access to individuals who do not understand or follow the rules of proper gun safety
 - Leave an unsecured firearm in a bed, drawer, closet, or any other vehicle that could allow access to children or other unauthorized individuals
 - Allow children under the age of 18 access to any firearms without close supervision and proper firearm safety training.
- 8) **Always comply with all local, state, and federal laws that govern the ownership, storage, carrying, and use of firearms.**

NEVER

- Vandalize any public or private property by using it as a target.
 - Poach a game animal out of season
 - Kill any animal you don't intend to eat.
- 9) **Always know your target and what is beyond.** Before you pull the trigger be sure of your target and what is behind it. Shoot only in areas that have approved backdrops such as a shooting range, or backstops such as a hillside or berm. Also, know how far your shot will travel in case you miss the target or the bullet ricochets.

NEVER

- Fire in the direction in which there are people.
 - Fire at a sound, movement, or a flash of color.
 - Shoot directly upwards or at a high angle of elevation. Firing at or into the air can have enough energy to travel long distances and accidentally injure or kill someone.
 - Shoot across a highway or other roadway.
- 10) **Always wear eye/ear/body protection.** Gases and debris can cause injury so it is very important that one wears protective gear to preserve their hearing and eyesight. Also, while in the field wear at least 1000 square inches or more of blaze orange so that you can be visible by others.

NEVER

- Discharge a firearm in a poorly ventilated area.

WARNING: Possible lead exposure can occur when discharging firearms in a poorly ventilated area, cleaning the firearm, or handling ammunition. Lead and its components is a substance known to cause birth defects, reproductive destruction/impairment, cancer, or other serious health conditions and injury. Always have adequate ventilation at all times and wash your hands and other contact areas thoroughly after each exposure.

- 11) **Always handle with extreme care if your gun fails to fire when the trigger is pulled.** If the ammunition doesn't fire when you pull the trigger, **STOP!** and remember to always keep the firearm pointed in a safe direction. Keep your face away from the breech, then put the safety on, carefully open the action, unload the firearm and dispose of the cartridge safely. Always keep in mind that anytime there is a shell in the chamber, your firearm is **LOADED** and ready to fire. Even if you tried to shoot and the firearm did not fire, always treat it as if it could still discharge.
- 12) **Always treat the firearm as if it was loaded, even if the safety is positioned correctly and keep your fingers away from the trigger when loading and unloading.** A gun is a mechanical device and is not foolproof and is subject to wear and tear over time. Always keep your fingers away from the trigger when you are loading and unloading. If the manual safety proves to be ineffective for any reason, danger of an unintentional discharge exists. The weapon is then to be immediately unloaded and restricted from further use. Contact FedArm so that the gun can be inspected and repaired by an authorized gunsmith.

REMEMBER: Any firearm safety mechanisms can fail, even if the safety is engaged. You should always assume that a firearm is loaded when handling it.

NEVER

- Risk an accidental discharge by walking with a loaded firearm when going through or climbing obstacles such as a fence or other obstructive barriers.
 - Rely on your gun's safety mechanisms.
 - Sleep with a loaded firearm in your possession.
- 13) **Always keep your shotgun in the same mechanical and structural configuration as it was when it was manufactured.** This shotgun was produced under specific manufacturer guidelines and should not be altered or changed under **ANY** circumstances. Performing conversions by altering the trigger, mechanical components, safety mechanisms, or using any other products other those provided in the original box is **NOT RECOMMENDED** by the manufacturer, and could result death, bodily harm, or compromising your safety or the safety of others. Any alteration made to the firearm also voids the factory warranty. Like any mechanical device it is subject to normal wear and tear from use. In order to maintain optimal safety and performance it should be periodically serviced. You must regularly clean and lubricate your firearm to maintain its functionality, accuracy, safety, and reliability. Always before cleaning or lubricating any firearm make sure that you perform a safety check to make sure that the firearm is completely unloaded prior to performing any routine maintenance. If for some reason your firearm does require repairing, you must contact the U. S. importer for an approved service provider. Using unauthorized personnel to repair your firearm will void your manufacturer's warranty.

NEVER

- Alter, convert, or change your firearm from its original manufacturer's configuration.

14) **Always make sure the barrel is clear of any obstructions before shooting.** Before loading always perform a safety check to make sure that there is no ammunition in the chamber or magazine. Examine the barrel for any obstructions or debris such as excess lubricant, dirt, or grease. If the bore is obstructed, it can cause increased pressure causing the barrel to bulge or burst during use. Always use a cleaning rod and patch to remove any residues or obstructions in the barrel. Be familiar with your firearm. If the noise or recoil seems muffled or weak then **STOP!** And proceed to unload your firearm and check to make sure nothing is lodged in the barrel.

NEVER

- Try to shoot out an obstruction by loading another shell and firing.

Disclaimer

The firearm in which these safety rules apply is sold under the expressed conditions that the manufacturer accepts no liability in part or whole for bodily injury, death, or property damage from:

- Improperly or carelessly handling the firearm.
- Using defective, improper caliber, hand-loaded, or reloaded ammunition.
- Inadequate maintenance of the shotgun resulting in corrosion or damage.
- Negligence of malfunctions.
- Resale in contradiction of any applicable laws or regulations.
- Altering or converting the firearm's original aesthetic, functioning mechanisms, accessories, or mechanical configuration.
- Discharging with criminal intent or negligence.
- Failure to understand, adhere to, and follow the rules of firearm safety when using or handling the firearm.
- Any other circumstances outside the manufacturer's direct or immediate control.

Serial Number of the Firearm

The serial number is located on various parts of the shotgun. Each serial number is specific to that shotgun and is used for identification and registration. It is recommended that you record your serial number in your manual and keep the information in a secured location.

CARE AND MAINTENANCE OF YOUR FR-98 SHOTGUN



1) NEVER ALTER OR MODIFY YOUR SHOTGUN

This shotgun was produced under specific manufacturer guidelines and should not be changed under **ANY** circumstances. Altering the trigger, mechanical components, safety mechanisms, or using any other products other than those provided in the original box is **NOT RECOMMENDED** by the manufacturer, and could result in death, bodily harm, or compromising your safety or the safety of others. Any alteration made to the firearm also voids the factory warranty.

2) PROPER CARE AND MAINTENANCE

It is essential that regular maintenance and cleaning be performed to maintain the accuracy, function, and maximize the longevity of your firearm. Before cleaning **ALWAYS** perform a safety check to make sure that the firearm is unloaded prior to cleaning.

TRANSPORTATION AND STORAGE

Transportation

For your own safety and the safety of others, always transport the shotgun unloaded, de-cocked and under lock. Never carry or transport the shotgun with a round in the chamber and the hammer cocked.

Storage

Firearms should always be stored securely and unloaded, under lock and key. When storing your shotgun, keep it separated from any ammunition, and out of the reach of children and other inexperienced or unauthorized persons. Never place or store any firearm in such a manner that it may be dislodged or dropped.

Loading the Shotgun

1. First, point the shotgun in a safe direction. Remember, a safe direction means that the gun is pointed so that even if it were to go off, it would not cause injury, damage, or death. Always perform a safety check to make sure that the chamber is empty.
2. When the magazine is empty, the bolt catch lever holds the bolt open at the rear. Press the magazine release to remove the empty magazine and insert a loaded magazine. Remember to only use ammunition that is recommended by the manufacturer.
3. Push down the bolt catch lever with the thumb of the shooting hand and this will allow the bolt to move forward and chamber a round.

THE SHOTGUN IS NOW LOADED AND READY TO FIRE!

WARNING: Always unload your firearm immediately after shooting

Unloading The Shotgun

1. Point the shotgun in a safe direction. Remember, a safe direction means that the gun is pointed so that even if it were to go off, it would not cause injury, damage, or death.
2. Keep your fingers off the trigger and remove the magazine.
3. Pull back the charging handle one or more times to insure the chamber is empty. Watch for a live round or empty case to be ejected. Pull the charging handle fully rearward and lock the bolt with the bolt catch lever.
4. Make sure the last round in the chamber has been extracted and ejected. Visually and physically check the chamber and the magazine well to make sure the shotgun has been fully unloaded. Perform a safety check by physically inserting your index finger in the chamber to feel for the presence of a round or cartridge case in the chamber.

THE SHOTGUN IS NOW UNLOADED!

1. Depress the bolt catch lever and the bolt will be release forward.
2. Unload and store the empty magazine.
3. Pick up and store all ammunition rounds in a secured area.

4. Perform proper maintenance such as cleaning and oiling after each shooting session.

FR-98 SHOTGUN DISASSEMBLY INSTRUCTIONS

MANUFACTURER'S WARNING: This manufactured firearm was designed to perform with its original parts. It is **YOUR** responsibility to make sure that any parts you buy are authentic and correctly installed and that the parts have not been altered or changed. It is imperative that only factory parts be used as replacements to assure that the firearm remains functionally safe and operates accurately. **The gun owner accepts full responsibility for the correct reassembly and functioning of the firearm after any disassembly or replacement of parts.**

WARNING: Before you begin any disassembly always: 1) point the shotgun in a safe direction 2) be sure that you remove the magazine from the firearm 3) visually and manually inspect the chamber to confirm that it is empty.

1. Point the shotgun in a safe direction and keep fingers off the trigger and out of the trigger guard (figure 1).
2. Depress the magazine catch and remove the magazine.
3. Pull the bolt back and lock it to the rear by depressing the bolt hold open lever. Once the bolt is locked to the rear, both visually and manually inspect the chamber of the shotgun to confirm that the chamber is empty. Also check to make sure the magazine well is clear. Then cycle the bolt forward by pressing the bolt release lever (figure 2).
4. Unscrew the front handguard secure cap and remove it (figure 3).
5. Pull the front handguard secure plate out and release it on the barrel. Slide the upper and lower handguards forward and set them aside (figure 4).



Figure 1.



Figure 2.



Figure 3.



Figure 4.

6. Remove the knurled lock nut and gas regulator nut and spring (figure 5).
7. Pull the bolt to the rear slightly and remove the barrel as you are letting the bolt slide forward (figure 6). Slowly release the bolt to clear the recoil spring/bolt carrier as the barrel comes out (figure 7).
8. Remove the buttpad using a Phillips head screwdriver to access the upper receiver retention bolt in the void of the buttstock (figure 8).
9. To separate the upper and lower receivers you will need a 6mm Allen head bit on a socket with a 10-inch extension, a ratchet wrench and a small rubber mallet. Insert Allen socket into upper receiver retention bolt and loosen the bolt 4 full turns. Remove the ratchet and lightly tap the extension and socket to push the retention bolt forward. After the upper receiver starts to separate, loosen the bolt 2 to 3 more turns. Gently tap the extension to further separate the upper receiver from the buttstock. You will note an expanding gap as you do this. When the widening of the gap is around $\frac{1}{4}$ inch, you can remove the upper receiver retention bolt and washer. Slightly compress and hold the recoil spring on the operational rod with one hand; this keeps the bolt from pushing forward and damaging the feed ramp. Use your other hand to help separate the upper receiver from the buttstock/lower receiver. As the upper receiver separates, lift the receiver up and off. This allows the bolt to clear the feed ramp on the lower receiver (figure 9).



Figure 5.



Figure 6.

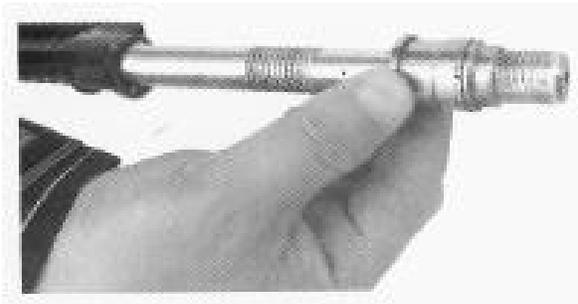


Figure 7.



Figure 8.



Figure 9.

11. To disassemble the bolt from the bolt carrier, remove the charging handle out of the bolt and upper receiver. Locate and center the charging handle under the crescent cut. Gently pull and wiggle the charging handle to remove. If necessary, you can place a rag to protect the finish on the receiver and use a flat head screwdriver in the notch on the charging handle and gently pry it upward to remove.
12. You are now ready to remove the bolt, bolt carrier, and recoil spring.
13. Remove the bolt, bolt carrier, and recoil spring (figure 10).
14. Further disassembly is not required for regular cleaning and maintenance.

THE SHOTGUN IS NOW FIELD STRIPPED.



Figure 10.

As with most firearms, reassembly is carried out in the reverse order of disassembly.

Ammunition

All steel or lead shot 12-gauge shotgun cartridges manufactured and loaded with current U.S. industry specifications can be used in the FR-98 shotgun. This shotgun has 3 inch chambers and may be used with all standard commercially manufactured 2 ¾ inch (70mm) and 3 inch (76mm) shot shells. It is intended to be used with only standard ammunition of the proper gauge and loading. Remember that the shotgun functions by the use of kinetic energy generated by the recoil. Therefore, one must always use ammunition that is strong enough to fully cycle the action. The FR-98 shotgun may require a breaking in period before it will function using light loads. If you experience any initial functioning problems, we recommend firing 3-4 boxes of standard hunting cartridges.

AMMUNITION DISCLAIMER

The manufacturer disclaims any responsibility for damage or injury that occurs in connection with or as a result of using faulty, non-standard, remanufactured, hand-loaded (reloaded) ammunition or other shotshells other than those for which the firearm was originally chambered.

AMMUNITION WARNING: Firearms can be damaged, and death or serious injury may result from any condition which generates excessive pressure or uncontrolled release of gas within the firearm. These adverse conditions can be caused by chamber or bore obstructions, propellant powder overloads, or by old, defective, incorrect, or improperly loaded and assembled shotshell components. It is extremely dangerous to use a shotshell that's pressure exceeds those developed to industry standards. Any firearm can be blown up with excessive pressure.

LEAD EXPOSURE WARNING: Possible lead exposure can occur when discharging firearms in a poorly ventilated area, cleaning the firearm, or handling ammunition. Lead and its components is a substance known to cause birth defects, reproductive destruction/impairment, cancer, or other serious health conditions and injury. Always have adequate ventilation at all times and wash your hands and other contact areas thoroughly after each exposure.

Choke Set

The FR-98 shotgun comes with 3 screw-in internal chokes (full, modified and cylinder bore). Each choke can be identified by the number of notches on it (full-1 notch, modified-3 notches, and cylinder bore-5 notches). A choke wrench is supplied in the box with the chokes. Before you attempt to install a choke always perform a safety check to make sure that the shotgun is unloaded and pointed in a safe direction. To install the choke, you can insert it into the end of the barrel and hand screw it. It can then be tightened with the choke wrench to secure it in place.

SCREW-IN CHOKE WARNING: Never peer directly into the shotgun's muzzle or change chokes when the gun is loaded regardless of the position of the safety. Never fire the shotgun if the screw-in choke is not fully and tightly bottomed to the barrel threads, or improperly installed or "cross-threaded, or if the threads of the barrel or choke insert is damaged. In this situation the barrel will be damaged and the choke insert will be propelled out of the muzzle with high velocity which can result in death, serious injury, or property damage. Never fire the shotgun without the screw-in choke in place as it will cause an unpredictable shot pattern and damage the choke threads in the barrel thus making correct installation of the screw-in choke impossible without expensive re-barreling. Never use other makes of choke tubes except for this brand and never alter any components provided with your shotgun.

Cleaning and Maintenance

LUBRICATION WARNING: Firing a shotgun with oil, grease, or other debris partially obstructing the bore may result in damage to the firearm or injury to the shooter and those nearby. Before firing make sure the bore and chamber of the barrel is unobstructed and dry. Never spray or apply lubricant on shotshells. Firing another shotshell behind an obstruction may damage the shotgun and cause death or injury. Only use lubricants properly and sparingly. You are responsible for the proper care and maintenance of your shotgun.

1. Disassemble your shotgun.
2. Using a proper cleaning rod, run a solvent-wetted patch through the bore several times. This will then be followed by running dry patches through the bore to remove any debris or residue.
3. If the bore is leaded to the extent that the above patch cleaning procedure did not remove the lead, then scrub the bore full length with a solvent-wetted brass bristle brush. When the leading is loose then repeat step #2.
4. The surfaces of bolt carrier, ejector, and inside surfaces of the receiver should be coated very lightly with non-penetrating lubricating oil.
5. Reassemble the shotgun and wipe the exterior metal surfaces sparingly with an oiled cloth. Swab the bore with an oily patch before storing the firearm.
6. Place the shotgun in a safe, locked storage space where unauthorized persons cannot access the firearm. Never store the shotgun in a leather case as leather attracts moisture even though it may appear dry.

FR-98 Shotgun Parts Assembly



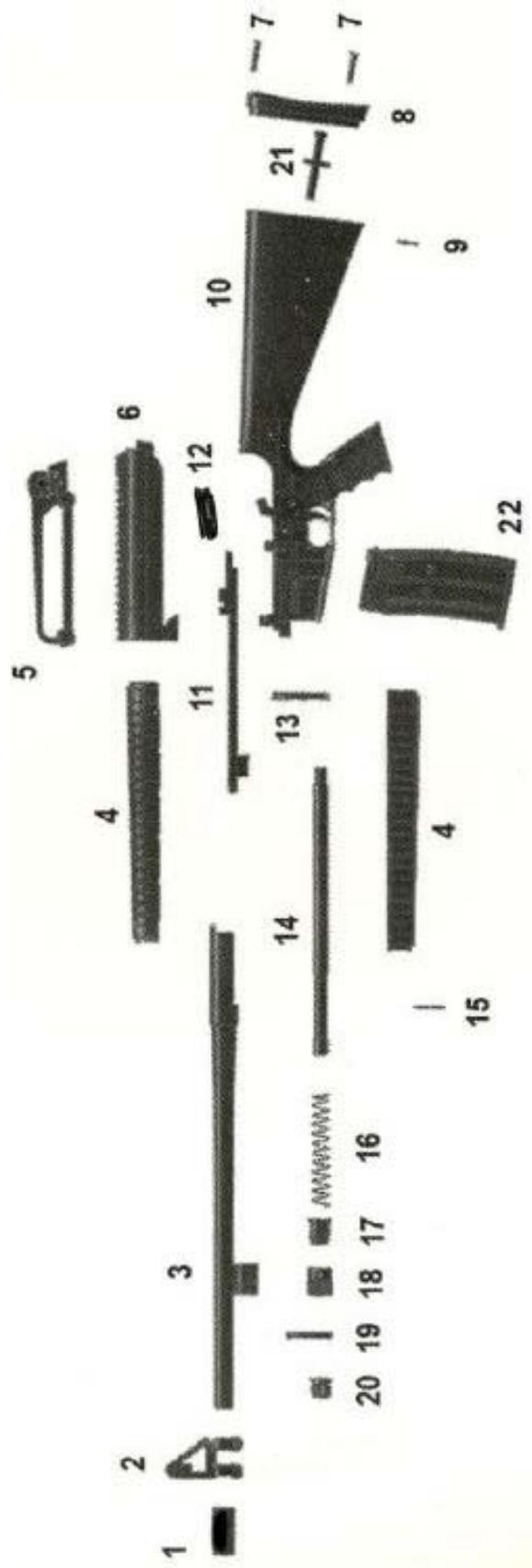
FR-98 Shotgun Parts List

No.	Description
1.	Front sight
2.	Hand guards
3.	Hand guard secure nut
4.	Carrying handle locking nuts
5.	Upper receiver
6.	Bolt catch lever
7.	Carrying handle
8.	Rear sight
9.	Manual safety lever
10.	Magazine
11.	Trigger
12.	Buttstock
13.	Buttpad

Technical Specifications

Model	FR-98
Caliber	12 gauge
Operation	Gas operated, semi-automatic
Weight (empty)	6.5 lbs.
Overall length	40.5 inches (1030 mm)
Height	7.5 inches (190 mm)
Barrel length	19.7 inches (500 mm)
Sight radius	23.6 inches (600 mm)
Magazine weight (empty)	300 grams
Magazine capacity	5 rounds

FR-98 Disassembled Shotgun Diagram



FR-98 Disassembled Shotgun Parts

No.	Description
1.	Choke (3 included)
2.	Front sight
3.	Barrel
4.	Handguards
5.	Carrying handle/rear sight
6.	Upper receiver
7.	Buttpad screws
8.	Buttpad
9.	Rear sling ring
10.	Lower receiver and stock
11.	Bolt carrier
12.	Bolt
13.	Rear handguard secure plate
14.	Operational rod
15.	Front sling ring
16.	Recoil spring
17.	Gas piston
18.	Gas regulator nut/spring
19.	Front handguard secure plate
20.	Handguard secure cap
21.	Upper receiver retention bolt/washer
22.	Magazine (2 included)

SERVICE AGREEMENT AND LIMITED WARRANTY

FedArm agrees to service its products free of charge for defects in materials and workmanship in accordance with the service agreement listed below. The obligation of FedArm under this agreement is limited to the repair or replacement of unserviceable parts and does not cover any incidental or consequential damages. Other than the express warranty contained herein, FedArm makes no warranties, expressed or implied.

FedArm will repair or replace any unserviceable part(s) for one (1) year from the date of manufacture in accordance with the above warranty statement provided your firearm had not been altered, abused, willfully damaged, or damaged by overpressure ammunition. This agreement is not transferable.

To obtain service during the time this agreement is in effect, make sure your firearm is unloaded and send it to Federal Armament LLC with proof of purchase from a certified FedArm dealer.

This agreement and the warranties contained herein do not apply to OEM manufactured firearms, firearms sold without warranties, or some firearms sold by non-listed/certified FedArm dealers.

Please visit www.fedarm.com to fill out and submit a warranty.

For Service:

Contact us via email at service@fedarm.com or via phone at 1-479-431-6769.

Shipping

When returning your firearm for service, please take care in packing. Disassemble your gun, wrap in a safe manner and place it in its original box. (THIS BOX WILL PROTECT THE GUN BUT IS NOT DESIGNED FOR SHIPPING.) Wrap the original box in a cardboard box approved for interstate shipping. FedArm is not responsible for damages incurred during shipping.



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