F12

SEMI AUTOMATIC SHOTGUN OWNERS MANUAL

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GENERAL INFORMATION

This semi automatic shotgun (F12) uses gas pressure from the discharged shell in a precision, spring-loaded mechanism to eject empty shell, and load a new cartridge into the chamber(each time the trigger pulled).The system reduces recoil , and allows the shooter to concentrate on target. This technologically advanced gas metering system allows you to shot 2 ¾'' and 3'' shells interchangeably with ammunition of the proper gauge for your shotgun with flawless performance.This and other fine features ensure that your shotgun will be a source of pride and pleasure for many years in forward. Never use 3 ½'' shells on your product.

Safety Switch or Button

The safety is designed to stop the trigger mechanism. Do not rely on your guns safety.Treat every gun as if it were loaded and ready to fire. 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.

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.

IMPORTANT SAFETY WARNINGS

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 suchsurfaces 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 IN JURY WHATSOVER 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.

CONGRATULATIONS!!!

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.

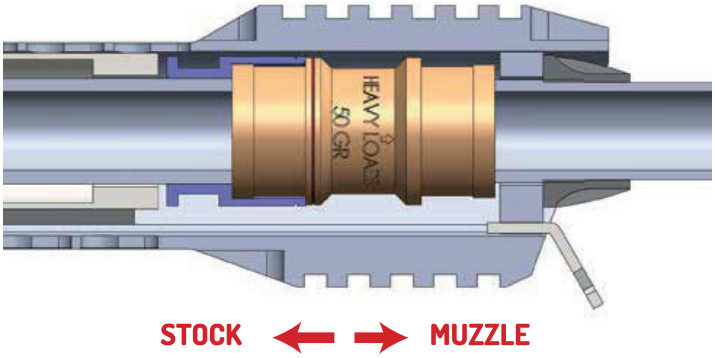
You are now the owner of the MAC F12 12-gauge shotgun. Your shotgun has an innovative design and is manufactured from high quality materials. With regularly performed maintenance and the use of proper ammunition it will provide you with many years of service. In order to achieve the best performance 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.

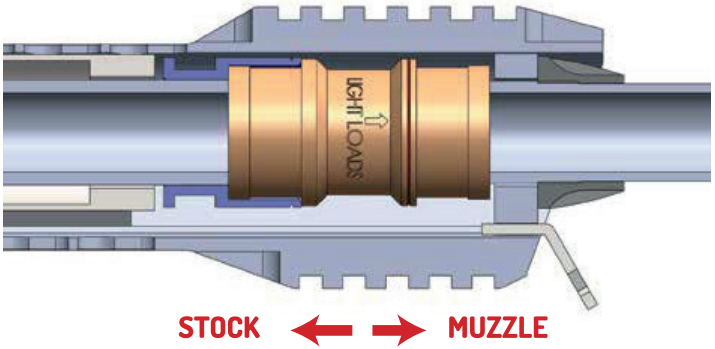
LIGHT AND MEDIUM LOAD USAGE OF F12 AS BELOW

To set the gas block on light loads
(1200 FPS OR LOWER) point the LIGHT LOADS arrow
towards the receiver.



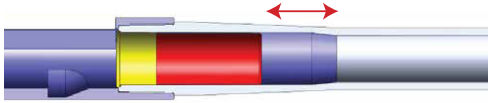
HEAVY LOADS USAGE OF F12 AS BELOW

To set the gas block on heavy loads
(1200 FPS OR HIGHER) point the HEAVY LOADS arrow
towards the receiver.



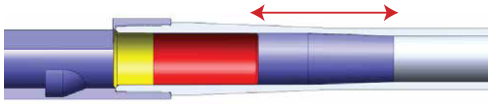
CLASSIC CHAMBER CONE FOR SHOTGUNS

Classic chamber cones cause jamming and prevent optimum focusing on target because of incorrect design on chamber and high pressure inside of the barrel.



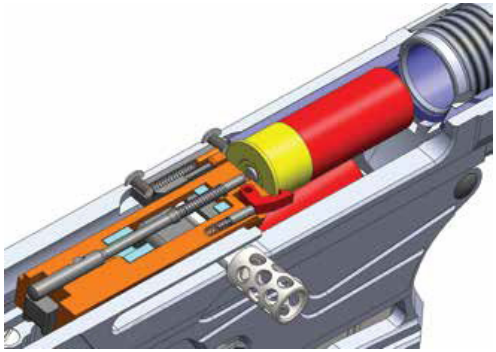
SPECIAL DESIGN F12 EXTRA LO NG FORCING CHAMBER

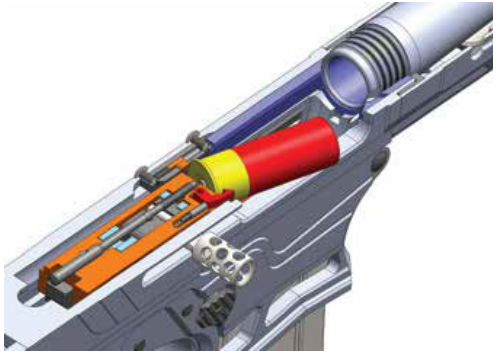
This special extra long forcing cone will provide users %6 reduced recoil and optimum reduced movement to upward direction because of gas pressure inside of barrel while shooting.In this way shooters will be able to get higher shooting performance and target stabilization by special design F12 Extra Long Forcing Chamber Cone.



F12 SPRING EJECTOR SYS-

This system provides shooters to use MAC F12 semi automatic shotgun with variety inch and grammage shells in more healthy way.This system prevents jamming and problems on operation during shooting.





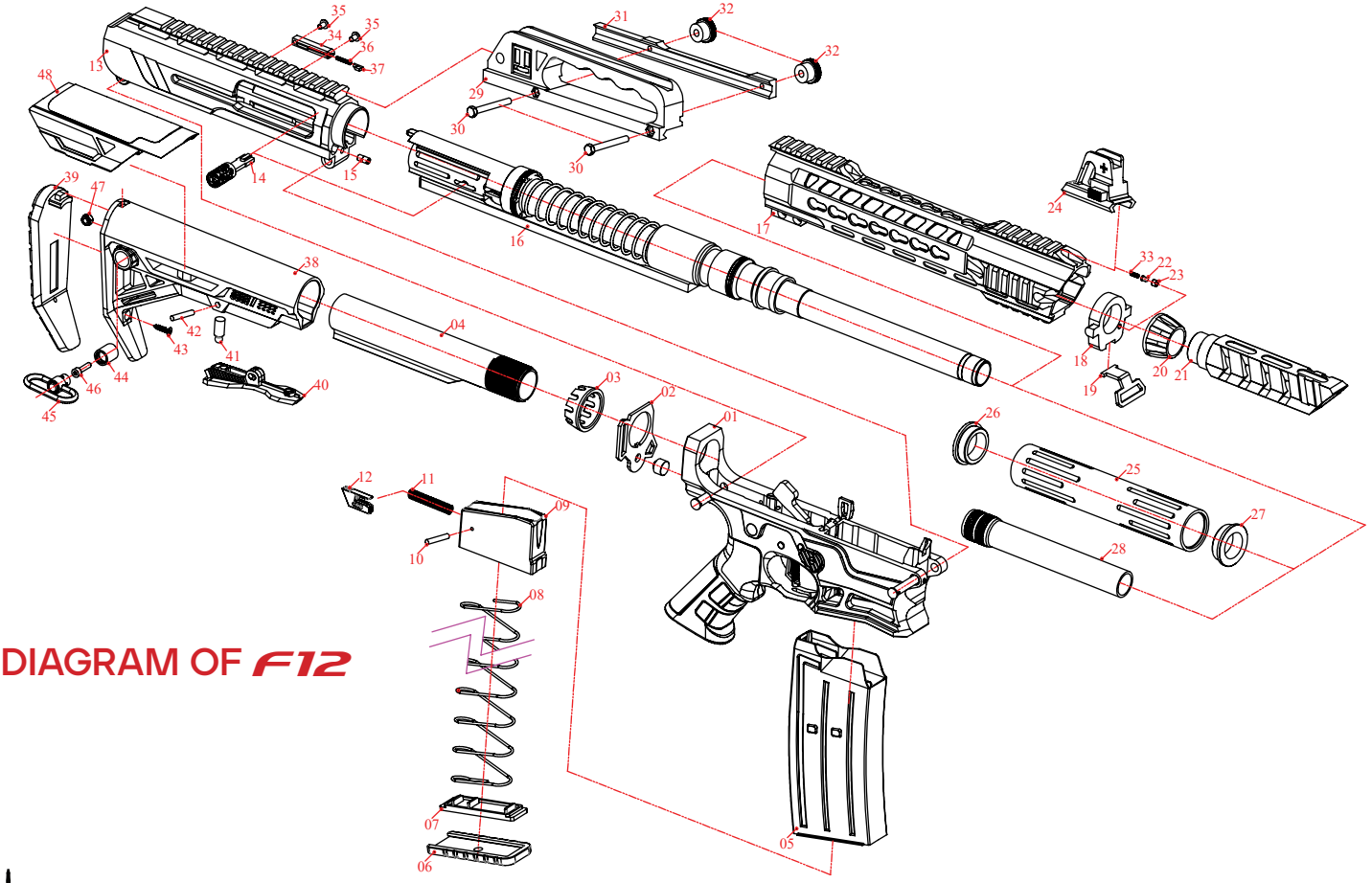
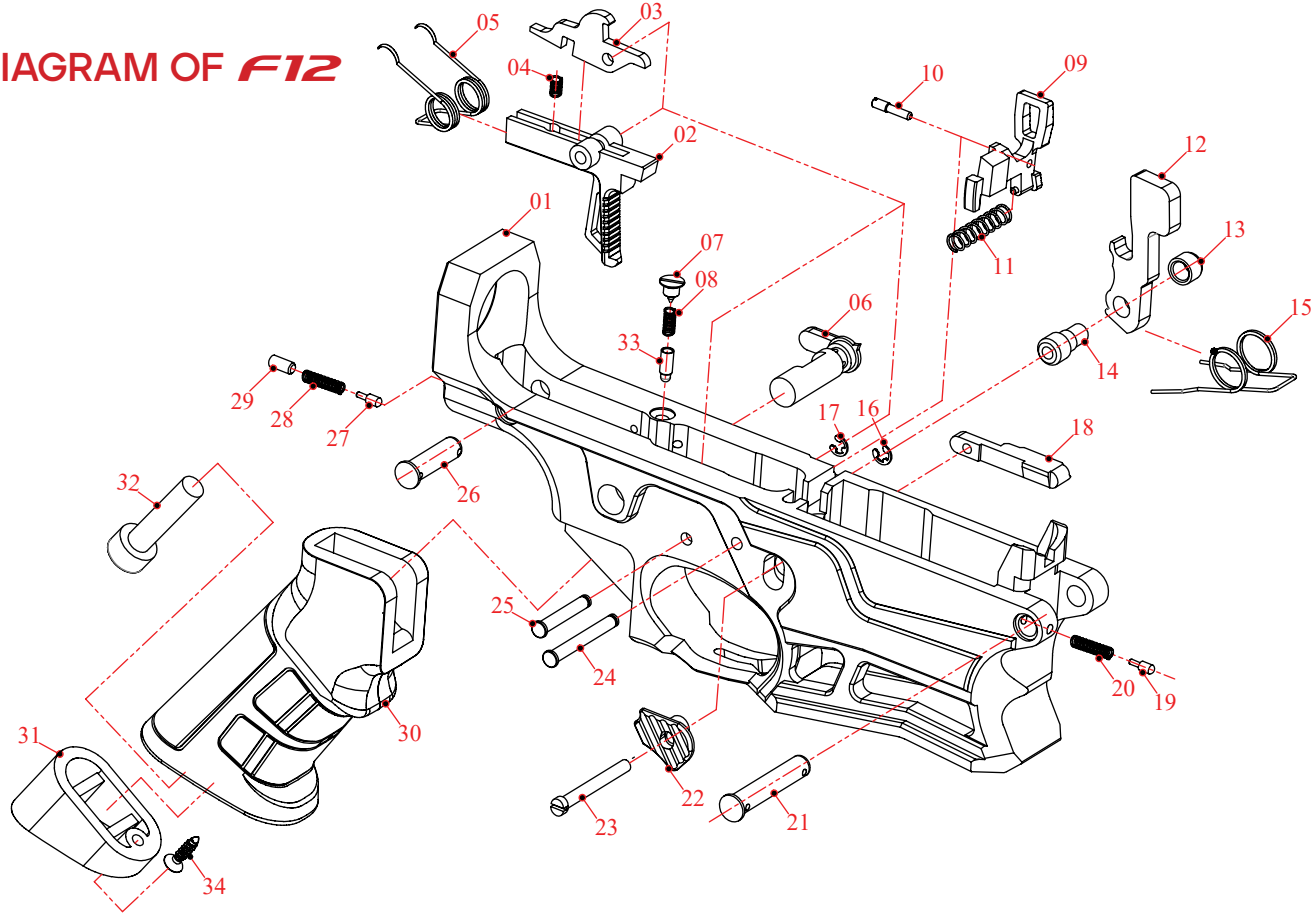


DIAGRAM OF *F12*

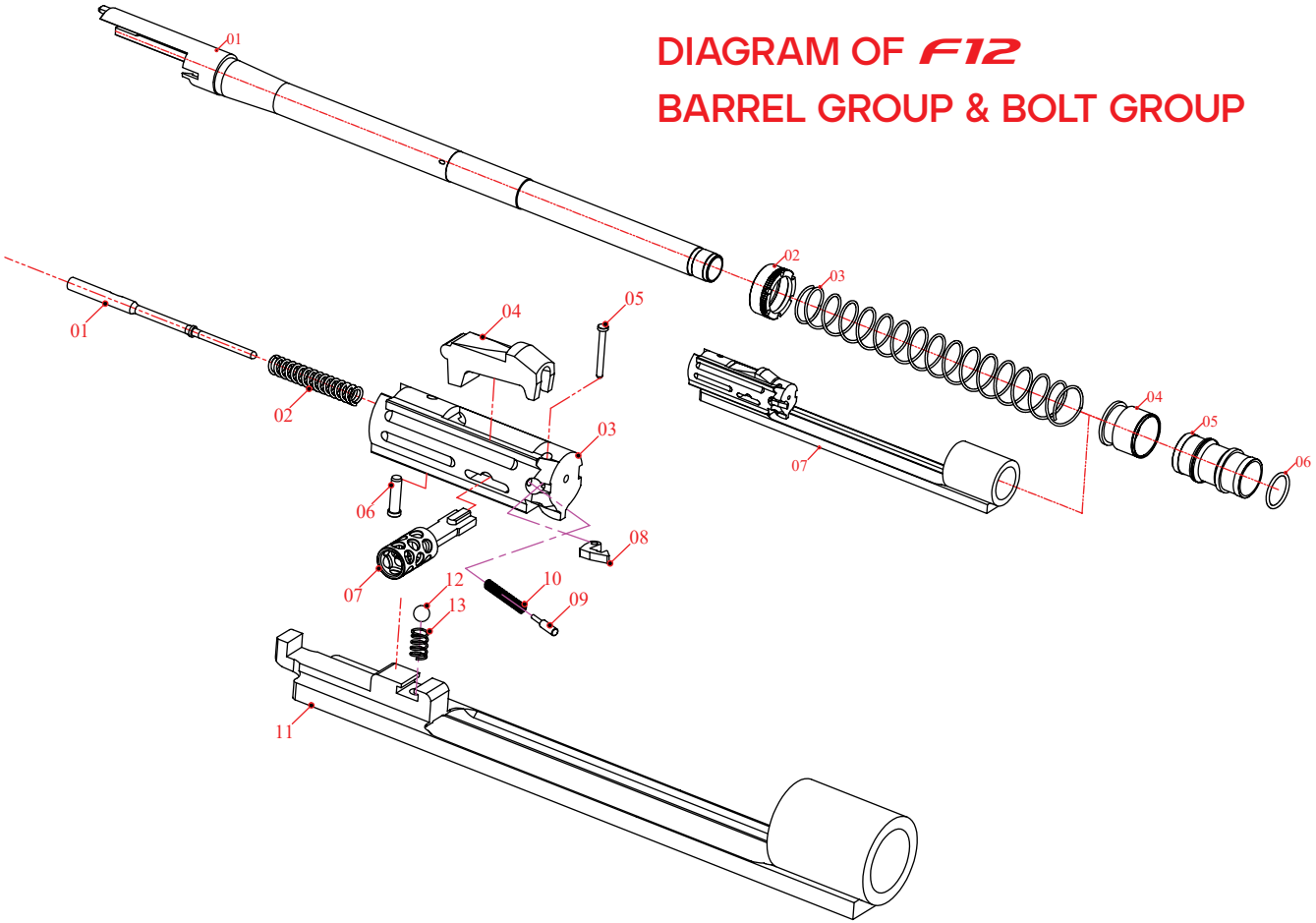
1	F12 LOWER FRAME
2	STOCK END PLATE
3	CASTLE NUT
4	6 POSITION BUFFER TUBE
5	MAGAZINE
6	MAGAZINE BUTTOM PLUG
7	SPRING RETAINER APARATUS
8	MAGAZINE SPRING
9	MAGAZINE UPPER PLUG
10	MAGAZINE UPPER PLUG PIN
11	MAGAZINE SIDE EXTRACTOR SPRING
12	MAGAZINE SIDE EXTRACTOR
13	F12 UPPER FRAME
14	CHARGING HANDLE
15	HANDGUARD RETAINER PIN
16	BARREL GROUP ASSEMBLY
17	ALUMINIUM HANDGUARD
18	HANDGUARD RETAINER
19	FRONT SWIVEL
20	HANDGUARD RETAINER NUT
21	F12 FLASH HIDER
22	HANDGUARD RETAINER PIN
23	HANDGUARD RETAINER SCREW
24	F12 FRONT SIGHT
25	F12 FAKE SUPRESSOR
26	F12 FAKE SUPRESSOR BACK SIDE NUT
27	F12 FAKE SUPRESSOR FRONT SIDE NUT
28	EXTENDED CHOKE
29	ADJUSTABLE REAR SIGHT
30	A.R.S. SCREW-1
31	A.R.S. RETAINER CAP
32	A.R.S. NUT
33	HANDGUARD RETAINER SPRING
34	F12 SPRING EJECTOR
35	F12 SPRING EJECTOR RETAINER SCREW
36	F12 EJECTOR SPRING
37	F12 SPRING EJECTOR RETAINER PIN
38	6 POSITION ADJUSTABLE STOCK
39	F12 RECOIL PAD
40	STOCK ADJUSTING KIT
41	STOCK RETAINER PIN
42	STOCK ADJUSTING KIT PIN
43	F12 RECOIL PAD SCREW
44	F12 SWIVEL HOLE
45	F12 SWIVEL
46	F12 SWIVEL SCREW
47	F12 SWIVEL NUT
48	F12 CHEEK ADJUSTMENT

DIAGRAM OF F12



1 F12 LOWER FRAME
2 TRIGGER
3 DISCONNECTOR
4 DISCONNECTOR SPRING
5 TRIGGER SPRING
6 SELECTOR SAFETY
7 SAFETY SCREW
8 SAFETY SPRING
9 BOLT CATCH
10 BOLT CATCH PIN
11 BOLT CATCH SPRING
12 HAMMER
13 HAMMER FIXING KIT -1
14 HAMMER FIXING KIT -2
15 HAMMER SPRING
16 HAMMER PIN SEGMAN
17 PISTOL GRIP CAP SCREW
18 MAGAZINE CATCH
19 PIVOT PIN DETENT
20 PIVOT DETENT SPRING
21 PIVOT PIN
22 F12 MAGAZINE CATCH BUTT
23 MAGAZINE CATCH SCREW
24 HAMMER PIN
25 TRIGGER PIN
26 TAKEDOWN PIN
27 TAKEDOWN PIN DETENT
28 TAKEDOWN DETENT SPRING
29 TAKEDOWN RETAINER NUT
30 F12 PISTOL GRIP
31 PISTOL GRIP BOTTOM CAP
32 PISTOL GRIP SCREW
33 SELECTOR DETENT
34 PISTOL GRIP CAP SCREW

DIAGRAM OF *F12*
BARREL GROUP & BOLT GROUP



BARRREL GROUP ASSEMBL Y

1	BARRREL LUG
2	BARRREL NU T
3	OPERATION SPRING
4	F12 PIST ON
5	DUAL GAS KIT
6	GAS O-RING
7	BOLT CARRIER

BOLD GROUP ASSEMBL Y

1	FRING PIN
2	FRING PIN SPRING
3	BOLT
4	BOLT LOCK
5	EXTRACTOR PIN
6	FIRING PIN RE TAINER
7	BOLT HANDLE
8	EXTRACTOR
9	EXTRACTOR SPRING PIN
10	EXTRACTOR SPRING
11	ACTION B AR (CARRIER)
12	CARRIER BALL
13	CARRIER BALL SPRING



Photo 1-)
Point the gun in safe direction and be sure about that the gun is empty.



Photo 2-)
Pull F12 charging handle to operation direction then use shell safety kit (yellow part) to make ready your gun disassembling in right way.If you do not use that shell safety kit , you will damage shell carrier ramp absolutely!!!



Photo 3-)
Your F12 shotgun is ready to disassemble in right way with that shell safety kit.



Photo 4-)
Push takedown pin at the back side of lower frame receiver by a tool or your finger as in the photo.



Photo5-)
Push pivot pin at the front sight of lower frame by a tool or your finger as in the photo.



Photo 6-)
You will be able to seperate upper and lower frame of your gun after these steps as in the photo easily in right way.



Photo 7-)
Use your F12 Special Wrench Set for starting to disassemble forend of your shotgun.



Photo 8-)
Pull or push sling swivel aparatus to the thread of barrel for passing next step.



Photo 9-)
Use the 4.00 mm allen wrench in your F12 tool set for turning the screws on bottom side of forend
for starting to disassemble forend of your shotgun.



Photo 10-)
You can pull easily forend of F12 as in the photo ,if you operated the process in Photo 11.



Photo 11-)
Pull the action bar until the charging handle and the hole (charging handle lock hole) is parallel for unlocking the charging handle of F12.Then pull the charging handle to right side of the gun for disassembling charging handle.



Photo 12-)
Use your F12 Special Wrench Set for turning the barrel nut of your gun.



Photo 13-)
You can disassemble bolt group of F12 completely after required steps as in the photo easily.



Photo 14-)
If you need to adjust or change your stock you can use F12 Special Wrench Set as in the photo.



Photo 15-)
After turning the F12 castle nut until pin leaves stock end plate ,you will be able to operate your stock according to your requirements.



Photo 16-)
You can adjust trigger range of gun according to your physical features by using the 6 step adjustment kit on your F12 gun as in the photo.On the other hand you are able to adjust checkering of your gun by using the screws of mobile checkering kit.

MOBILE CHOKE USAGE FOR MAC F12

Choke Replacement Instructions For MAC F12 ;

WARNING: Make sure that your shotgun is not loaded and in safety while reassembling or disassembling chokes.

WARNING: During the choke changing procedure, make sure that the choke and the bearing of the choke of the shotgun is completely clean. Otherwise, your barrel can deform during firing.

- When chokes need to be changed, remove the choke on it by using the choke changing wrench provided along with the product.
- If the thread of the choke is dirty clean it with chemical substance (solvent) and synthetic brushes.
- Use the choke wrench for the new choke to be fitted, tighten clockwise and ensure that all of the thread is fully seated.

WARNING: When reassembling do not tighten unless you make sure that the thread of the choke absolutely mated with the thread of the barrel.

WARNING: In order to make sure that the chokes have been fully tightened you should see no protrusion out of the tip of the barrel. Figure 15 choke of number 3

- Do not shoot without a choke in order to avoid damaging the barrel and thread of choke.
- Never look into the muzzle to see the choke number when your shotgun is full.
- Before shooting, make sure that the choke has been tightened well. Check it back after a few shots.
- Do not use a different tool or a spanner for removal and installation of choke, except your choke wrench produced and provided by

MAC

- Never fire a single bullet or slugs with the chokes No 1, 2, 3,4
- You can look at the notches on the screw side in order to see the choke number. (Figure 15)
- Remove and clean the choke after shooting during maintenance. After having lubricated, the threads continue with the assembly.
- Do not fire steel pellets with the chokes No 1, 2, 3,4

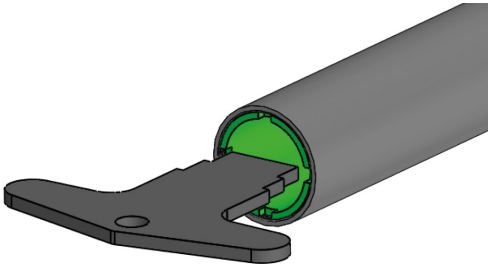
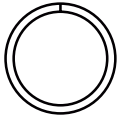
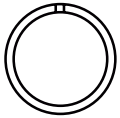
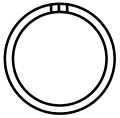
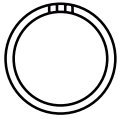
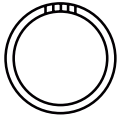


FIGURE 15

CHOKE TYPES AND BENEFICIAL USAGE

WARNING: When shooting slugs or buckshot use only the #5 choke.

CHOKE TYPE	SYMBOL	IDEAL GAME	PELLET SIZE	USEFUL SHOOTING DISTANCE
* 1 FULL		Goose, Duck, Wood Grouse. For long range hunting with lead shot and tight groups	1-2-3	55-65 Yards (50-60 Metres)
** 2 IMPROVED MODIFIED		Duck, Pheasant, Wood Grouse, Rabbit	4-5-6	45-50 Yards (41-44 Metres)
*** 3 MODIFIED		Partridge,Pheasant,Ouail, Pigeons,Woodcock For long range hunting with lead shot and tight groups.	5-6-7-8	38-43 Yards (35-41 Metres)
**** 4 IMPROVED CYLINDER		Ouail, Dove and target shooting For shooter distance more open shooting	7-8-9-10 -11-12	32-38 Yards (30-35 Metres)
***** 5 CYLINDER		For sporting clay and skeet shooting. Short distances more open shooting.	7-8-9-10 -11-12	22-32 Yards (20-30 Metres)

MAINTENANCE AND CLEANING

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.
7. Never fire your gun without choke tubes snuggly tightened in barrels. Do not over tighten choke tubes. Wipe all exposed metal surfaces with an oiled cloth befofe storing. Do not squirt or pour oil into the inside mechanism because it may cause deformation.



WARRANTLY

At MILITARY ARMAMENT CORP, we believe in the quality of our firearms, and we want you to as well. Age & wear cannot be covered under warranty, as the mechanical parts and materials that make up firearms eventually wear out. However, defective parts, materials, and workmanship are not acceptable, and we will stand behind our products. We warrant our firearms to be free from defects in performance and workmanship for five years from the date of purchase. If you have a problem that is directly attributable to the quality of our product, it's on us to make it right, shipping and handling included. However, if you abuse improperly maintain, or alter the internal workings of your MILITARY ARMAMENT CORP firearm in any way, we will not warrant damage that occurs. Likewise, if you use improper or incompatible ammunition or parts, we will not warrant damage that occurs. That includes altering a serial number. If you have a problem with your firearm, please contact **MAC** directly at (865) 604-6894 or info@milarmamentcorp.com.

RETURN WITHOUT REPAIR

If we receive your firearm and determine that its damage is unwarrantable, we will contact you with an explanation and an estimation of your cost to have us repair or refurbish it. If you would rather we simply return your firearm to you, we will cover the cost of shipping to do so.

FREE REPAIR AND RETURN

If your firearm is defective and we determine the defect is warrantied, Military Armament Corp will try to repair it. If we repair your firearm, after doing so we will ship it directly back to you, provided you originally shipped it to us from your address. If your firearm cannot be repaired, we will consider replacing it.

LIMITATIONS ON WARRANTY

Our only responsibility in the case of breach of warranty is repair. MILITARY ARMAMENT CORP shall not be liable for any other damages, including direct, indirect, or consequestial damages.

PLEASE NOTE: This warranty gives you specific legal rights, and you may also have other rights, which vary from stateto state, as some jurisdictions do not allow limitations on certain damages and warranties.

MILITARY ARMAMENT CORP stands behind the quality of our firearms. while age and wear cannot be covered under warranty, we believe defective parts, materials, and workmanship to be an unacceptable situation. we warrant our firearms to be free from defects in performance and workmanship for one year from the original retail purchase date. if have a problem that is directly attributable to the quality of our product, we will make it right to include shipping and handling. the MAC warranty does not cover any issues related to abuse, improper maintenance, the use of incompatible aftermarket parts or any alteration of the internal components. Likewise, damage caused by the use of improper or incompatible ammunition such as reloaded or other non-SAAMI spec ammunition will also void your warranty. additionally, sales outside of the United States, unauthorized repair, and modifications to the firearm to include altering a serial number, shall not be covered under warranty.

MILTARY ARMAMENT CORP LIFETIME SERVICE PLAN

Military Armament Corp is committed to supporting our customers with services that are above and beyond what is expected. Beyond our 1-year warranty, our Lifetime Service Plan will repair any defect in material or workmanship for the lifetime of the firearm. The Military Armament Corp Lifetime Service Plan will begin after the 1-year warranty has expired. The Lifetime Service Plan covers material defects; and does not include wear items such as cosmetics, grips, magazines, recoil springs or sights. This Lifetime Service Plan is offered in addition to the 1-year warranty and is not an extension of the warranty.

IMPORTANT WARRANTY INFORMATION

Military Armament Corp Shotguns are warranted to function with factory produced, SAAMI spec ammunition and the original factory magazine. The use of hand-loads will void your warranty and the Lifetime Service Plan.

If you experience a warranty issue, before sending your firearm please contact us at info@milarmamentcorp.com or via phone (865) 604-6894 for a Return Merchandise Authorization number. No firearms will be accepted without preapproval and completion of this Return Merchandise Authorization. To review the full warranty and Limited Lifetime Service Plan, please visit www.milaramamentcorp.com

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WARNING: This product can expose you to chemicals including lead, which is 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.

MILITARY ARMAMENT CORP

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