



OWNER'S MANUAL

FN TPS

TACTICAL POLICE SHOTGUN

PUMP ACTION SHOTGUN

Important instructions for:

FN Tactical Police Shotgun Pump Action Shotgun

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Use the space below to record information about your new FN Tactical Police Shotgun:

MODEL: FN Tactical Police Shotgun (TPS)

SERIAL NUMBER: _____

PURCHASED FROM: _____

DATE OF PURCHASE: _____

This manual is an extremely important part of the shotgun. It should remain with the shotgun its entire service life. If the shotgun is sold, it should accompany the shotgun to its new owner.

There are slight variations between special versions or models of the FN Tactical Police Shotgun (TPS). This manual covers all the common basic operating procedures of all current models.

PLEASE READ THIS OPERATOR’S MANUAL FULLY BEFORE OPERATING YOUR SHOTGUN. DOING SO WILL ASSURE ABSOLUTE SAFETY, PROPER OPERATION, AND PEAK PERFORMANCE OF YOUR NEW FN TPS.

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GUN SAFETY WARNINGS

These warnings apply to military and law enforcement work, general target shooting, and hunting use.

IT IS ESSENTIAL THAT THESE OPERATING INSTRUCTIONS BE THOROUGHLY STUDIED BEFORE USING THIS FIREARM TO ASSURE PROPER AND SAFE GUN HANDLING. FAILURE TO FOLLOW THESE INSTRUCTIONS OR FAILURE TO OBEY ANY SAFETY WARNING MAY RESULT IN INJURY TO YOURSELF OR OTHERS, OR CAUSE DAMAGE TO YOUR SHOTGUN.

As a gun owner / operator, you accept a set of demanding responsibilities. How seriously you take these responsibilities can be the difference between life and death. There is no excuse for careless or abusive handling of any firearm. At all times handle your shotgun and any other firearm with intense respect for its power and potential danger.

PLEASE READ AND UNDERSTAND ALL OF THE CAUTIONS, PROPER HANDLING PROCEDURES, AND INSTRUCTIONS OUTLINED IN THIS MANUAL BEFORE USING YOUR SHOTGUN.

FOUR BASIC SAFETY RULES:

1. Treat every weapon as if it were loaded.
2. Never point a weapon at anything you do not intend to shoot.
3. Keep your finger off of the trigger until you intend to fire.
4. Keep the weapon on safe until you are ready to fire.

ADDITIONAL SAFETY PRECAUTIONS:

1. Do not carry a loaded firearm with a live round in the chamber while walking, running, climbing a tree, crossing a fence, or anywhere you might slip or fall, drop the firearm or otherwise bump or jar the firearm. A firearm that is dropped, bumped, or jarred with a chambered round might accidentally discharge even with the safety on, causing serious injury to you or someone else.

For military and law enforcement personnel, refer to your agency's procedures on carrying a loaded shotgun.

2. Do not rely on the safety to prevent accidental discharge. Many safeties merely block the trigger and prevent firing by blocking the trigger. The safety may not prevent an accidental discharge due to dropping, jarring, or bumping a firearm.
3. Use only ammunition for which the firearm is chambered as indicated on the barrel, to prevent excessive pressure and possible serious personal injury. Ensure all ammunition that is used is of good quality and is in good condition before loading. Ensure all ammunition used meets the Sporting Arms and Ammunition Manufacturers' Institute (SAAMI) or NATO specifications.

FN Herstal cannot assume any responsibility for the use of unsafe or improper arms and ammunition combinations. Please inspect your ammunition before loading it into your firearm.

4. Incorrectly reloaded ammunition can cause serious injury and damage to the firearm due to excessive pressure. Reload only after proper instruction and in strict compliance with instruction and data contained in current reloading manuals.
5. Never point a firearm at anything you do intend to shoot. Always keep it pointed in a safe direction in case of an accidental discharge.
6. Always check to ensure the barrel is free of obstructions before loading and using the firearm. If you experience light recoil or off sound, check the barrel for obstructions before attempting to fire again.
7. Before firing, clean any grease or oil out of the barrel with a cleaning rod and patch. Grease or heavy accumulation of oil can cause excessive pressure and result in serious personal injury.
8. Keep barrel, chamber, and action free of rust. Rust in the barrel and chamber can cause excessive pressures resulting in serious injury. A rusted, pitted, or eroded barrel should be replaced.
9. Use hearing protection to prevent ear damage and hearing loss from repeated exposure to gunfire.

10. Always use proper shooting glasses to prevent eye injury from flying particles.
11. Never carry a loaded firearm in a motor vehicle or carry one into a dwelling. Always carefully unload the firearm before entering a motor vehicle, a dwelling, or an area such as a camp. Always point the firearm in a safe direction while loading or unloading to prevent serious injury in case of an accidental discharge. Never load in a dwelling or in a vehicle.

For military and law enforcement personnel, refer to your agency's procedures for carrying a loaded shotgun in a motor vehicle, into a dwelling, or loading inside vehicles and dwellings.

12. Never shoot at a hard, flat surface or at the surface of water to avoid a ricochet and possible serious personal injury to yourself or a bystander.
13. Store firearms in a clean dry place out of reach of children and separate from stored ammunition.

For military and law enforcement personnel, refer to your agency's procedures for storing shotguns.

14. Never alter any parts of your firearm. Any alterations or adjustments that may become necessary to the operating mechanism should be performed by an FN Herstal armorer, FN certified unit armorer, or returned to an FN Herstal Recommended Service Center.
15. FN Herstal cannot assume any responsibility for injuries suffered or caused by unauthorized servicing, alterations, or modifications of FN Herstal firearms.
16. FN Herstal reserves the right to refuse service on firearms that have been altered, added to or substantially changed. Removal of metal from the barrel, or modification of the firing mechanism and / or operating parts may lead to FN Herstal's refusal of service on such firearms. FN Herstal will charge the owner for parts and labor to return the firearm to original FN Herstal specifications.
17. Hunting from elevated surfaces such as tree stands is dangerous. Doing so may increase the risk of handling the firearm. Always make sure that the stand being used is safe, sturdy, and stable. Always make certain your firearm is unloaded when it is being taken up and down from the stand. Always make certain that your firearm is not dropped from the stand or dropped while it is being taken up or down from the stand.
18. Discharging firearms in poorly ventilated areas, cleaning firearms, or handling ammunition may result in exposure to lead and other substances known to cause birth defects, reproductive harm, and other serious physical injury. Have adequate ventilation at all times. Wash your hands thoroughly after exposure.

19. Never drink alcoholic beverages or take any type of drugs before or during the firing of any firearm. Your vision and judgment could be dangerously impaired, making your firearms handling unsafe to you and others.

GENERAL DESCRIPTION

Your new FN Tactical Police Shotgun is a pump action design that allows the shooter to load a round by cycling the action and moving a shell from a loaded magazine tube to the chamber. This can be repeated until the magazine is empty. A single round can also be inserted into the chamber manually.

IMPORTANT: Refer to Figure #1 through #15 for general part descriptions regarding your new shotgun. You must become familiar with all the part names listed before proceeding with the rest of the instructions in this manual.

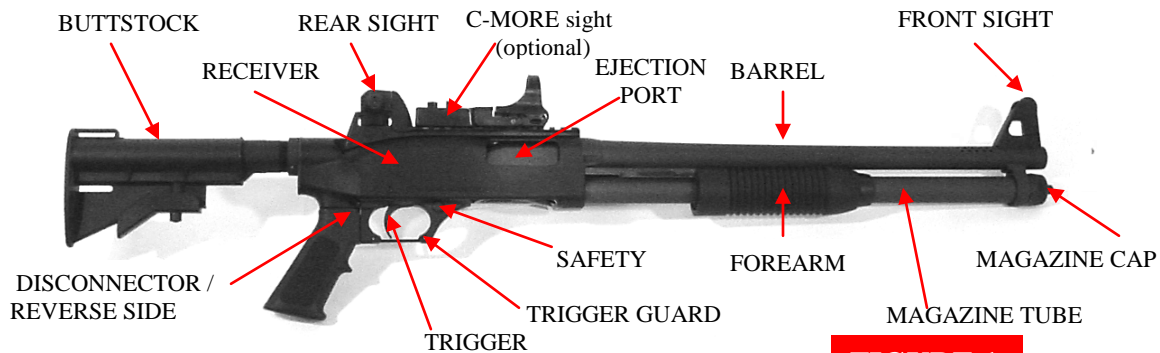


FIGURE 1

TERMINOLOGY AND DESCRIPTIONS

Descriptions in this manual generally refer to the gun in the horizontal position. That is, in the normal firing position. For example, the muzzle is forward or front; the butt stock is rearward or rear; the trigger is downward or underneath; the sight is upward or on top. For general parts terminology, refer to Figure #1.

The FN TPS is shown disassembled to the extent necessary in the order to follow instructions contained in this book (see Figures #1 through #15).

Throughout this manual the “action” refers to the mechanism of this shotgun, which loads and secures the shells in the chamber.

SERIAL NUMBER

The serial number is located on the left side of the receiver, just above the trigger guard. Record the serial number at the front of this manual on page #2.

AMMUNITION

Your FN TPS is chambered for 12-gauge factory ammunition. All current 12 gauge FN Shotguns have a 3-inch chamber and are designed to shoot with all factory loads such as 3" Magnum, 2 ¾" Magnum, 2 ¾" High Velocity, 2¾" Field and Target loads. The barrel and choke system can safely shoot both lead and steel shot, including large-sized buckshot loads and slugs. Being that the shotgun is a smooth bore weapon, it is recommended for accuracy sake that you do not fire sabot slugs.

MAKE SURE YOU USE ONLY THE EXACT AMMUNITION / CALIBER AS LISTED ON THE LEFT SIDE OF THE BARREL.

FNH USA CAN ASSUME NO RESPONSIBILITY FOR INCIDENTS WHICH OCCUR THROUGH THE USE OF SHELLS OF NON-STANDARD DIMENSION OR THOSE THAT WHEN SHOT, DEVELOP PRESSURES IN EXCESS OF INDUSTRY STANDARDS ESTABLISHED BY THE SPORTING ARMS AND AMMUNITION MANUFACTURERS' INSTITUTE (SAMMI).

Incorrectly reloaded ammunition can cause serious personal injury and damage to the firearm due to excessive pressure. Reload only after proper instruction and in strict compliance with instructions and data contained in current reloading manuals.

DISCHARGING FIREARMS IN POORLY VENTILATED AREAS, CLEANING FIREARMS, OR HANDLING AMMUNITION MAY RESULT IN EXPOSURE TO LEAD AND OTHER SUBSTANCES KNOWN TO CAUSE BIRTH DEFECTS, REPRODUCTIVE HARM, AND OTHER SERIOUS PHYSICAL INJURY. HAVE ADEQUATE VENTILATION AT ALL TIMES. WASH YOUR HANDS THOROUGHLY AFTER EXPOSURE.

MAGAZINE CAPACITY

It is extremely important that you know the magazine capacity of your FN TPS. Under appropriate circumstances – at a range or other suitable shooting location – fill your magazine to full capacity and make note of the number of shells. Remember, “total” capacity includes an additional round, which can be loaded manually in the chamber in addition to a full magazine. Totals may vary from 2 ¾" to 3" shells. The FN TPS has two models totaling 5 shot or 8 shot.

GENERAL OPERATION / SPECIAL REMINDERS

IMPORTANT: ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION.

Prior to using live ammunition, familiarize yourself thoroughly with these operating instructions. Get accustomed to the feel of your new shotgun – know the forces required to operate the action. Learn how to pull the trigger and, above all, know the location and operation of the safety. Procedures for disassembly and operation of various components are outlined in the sections below. Please read and study all instructions thoroughly. In addition, always remember:

USE THE CORRECT AMMUNITION REFERENCED BY THE INSCRIPTION ON THE BARREL.

BEFORE LOADING YOUR SHOTGUN BE SURE ALL GREASE AND OIL HAVE BEEN REMOVED FROM THE BARREL AND CHAMBER, AND THERE ARE NO OBSTRUCTIONS.

INITIAL CLEANING

Some metal parts of your new FN Tactical Police Shotgun have been coated at the factory with a special rust preventative compound. Before using your FN TPS, clean this anti-rust compound from the inside of the barrel, receiver, breech bolt mechanism, and the action / chamber area. A high quality, light gun oil should be used to remove this compound and to give your shotgun its first lubrication. Clean the barrel using a cleaning rod and patch as explained under “Cleaning and Maintenance Suggestions” found later in this manual. The bore and chamber should be completely dry any time before firing. First lubrication suggestions are outlined below.

If your new FN TPS is to be stored for an extended period of time, it is permissible to leave the rust preventative compound in place and keep your shotgun in its box for maximum protection during long-term storage.

LUBRICATING THE ACTION

Before the first firing of your new FN TPS you should first wipe the mechanism completely clean, clean the bore, and apply a few drops of quality oil on the following surfaces (see Figures #2 and #3):

- Along the ejector, where the bolt contacts the receiver when cycled.
- On the moving parts of the breach bolt assembly.
- Along the bolt body where it contacts the receiver when cycled
- On the backside of the slide arm bridge of the bolt.
- On the Magazine tube, where the forearm assembly slides back and forth.

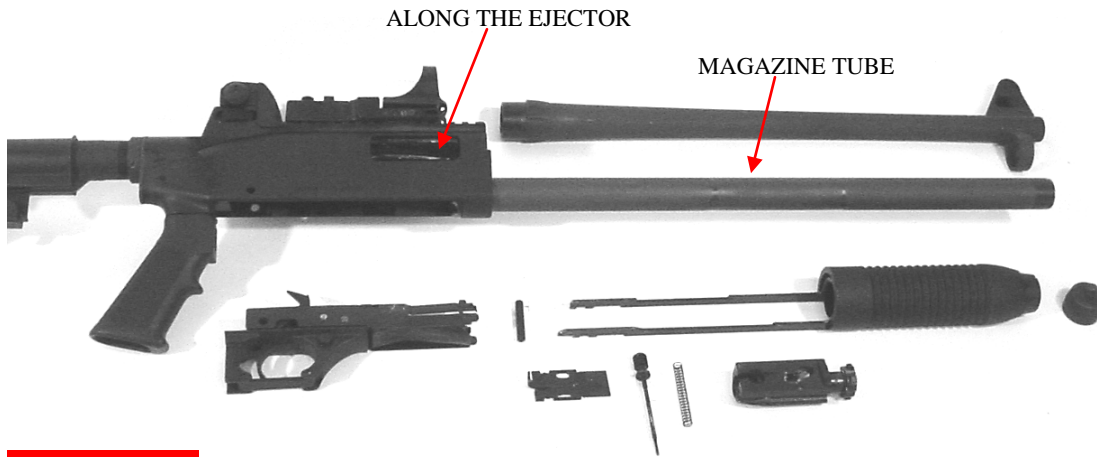


FIGURE 2

LIGHTLY ON THESE PARTS

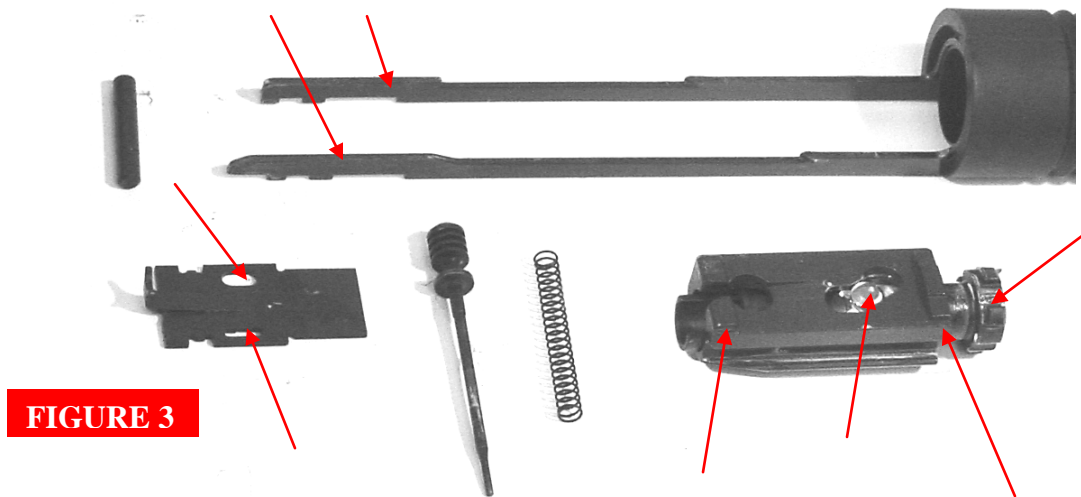


FIGURE 3

Avoid applying too much oil. Only a light film is necessary. Cleaning and Maintenance Suggestions should be followed before each lubrication.

OPERATION OF THE SAFETY

Your new FN TPS is designed with a cross bolt type safety. It is located just forward of the trigger on the trigger guard: convenient for gloved or ungloved fingers (see Figure#4). It is essential that you become very familiar with the feel, look and operation of the safety on this shotgun before attempting to load and shoot.

With the safety in the “on safe” position the trigger and hammer are blocked and the shotgun cannot be fired. In the “off safe” position- if your gun is loaded with a round in the chamber- the chambered round can be fired by simply pulling the trigger.

- “ON SAFE”. The safety button is pushed fully to the right. The red band on the left side is not showing.
- “OFF SAFE”. The safety button is pushed fully to the left. A large red band is exposed on the button as it protrudes on the left side. The red band is an added aid to safe gun handling. However with time and exposure to the elements it can wear off. See Figure #4

Never rely totally on your gun’s safety button. It is merely an aid to safe gun handling. Like any mechanical device the safety can possibly fail: it can be jarred or inadvertently manipulated into an unsafe condition. Always keep your shotgun pointed in a safe direction.

At all times in the field keep the safety in the “ON SAFE” position and the barrel pointed in a safe direction. It is a good idea never to load your shotgun until shooting is imminent or until you are at your station and it is your turn to shoot when you are shooting at the range. For extra safety, and as a courtesy to others, fully unload and place the action in the open position at all times other than when shooting is immediately imminent.



INITIAL ASSEMBLY / TAKE DOWN

Your FN TPS may come fully disassembled or partially taken down. If it is partially taken down and at any time the barrel has been removed, follow these instructions to fully assemble your shotgun:

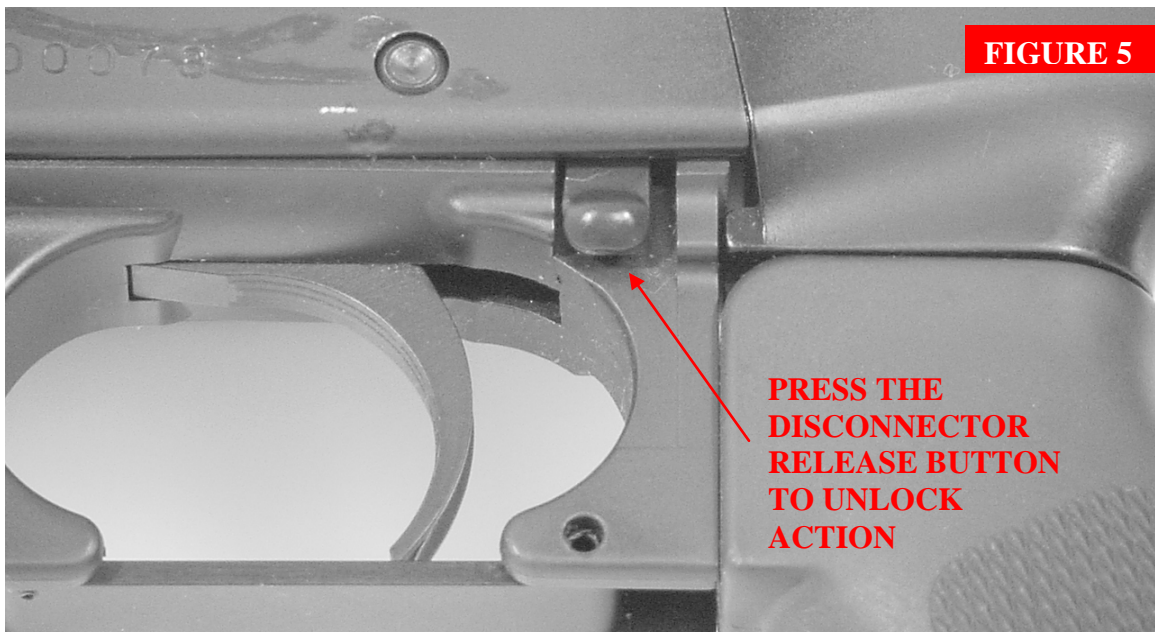
Remove the barrel assembly and receiver / stock section from the carton. Be sure you have wiped them clean and lubricated them. Unscrew the magazine cap from the magazine tube. Because the magazine spring is held in place by a friction-type spring retainer always be careful of which direction the magazine is pointed.

ALWAYS KEEP THE MAGAZINE POINTING AWAY FROM YOU AND OTHERS WHEN REMOVING THE MAGAZINE CAP.

The bolt assembly will be in the closed position (forward) with the trigger assembly already in place in the receiver. The barrel can be assembled to the action with the action closed, but it is usually much easier with the action slightly open.

To unlock the action and then open the action- without pulling the trigger- push up on the disconnecter release button at the rear of the trigger guard (figure #5) on the left side and pull all the way back on the forearm. Then do this:

1. Grasp the barrel ahead of the magazine tube bracket.
2. Position the barrel over and in line with the magazine tube.
3. Slide the barrel rearward.
4. Guide the magazine tube bracket over the end of the magazine tube and guide the barrel extension into the receiver. Be sure that the slot in the barrel aligns with the ejector.
5. Slide the barrel rearward until it seats in the receiver.
6. Immediately replace the magazine cap and tighten it hand tight at least 3 threads.



To return your shotgun to its taken down condition perform the following.

IMPORTANT: BE CERTAIN THERE ARE NO SHELLS IN THE CHAMBER OR THE MAGAZINE OF THE SHOTGUN.

TAKING DOWN THE BARREL

1. Depress the disconnecter release button, found behind the trigger guard on the left side, to unlock the action without releasing the hammer.
2. Open the action all the way and place the safety in the “ON SAFE” position. (The red warning band must not be visible.)
3. With the magazine pointed in a safe direction, unscrew and remove the magazine cap. Be careful, a friction-type retainer retains the magazine spring and magazine plug.

ALWAYS KEEP THE MAGAZINE POINTING AWAY FROM YOU AND OTHERS WHEN REMOVING THE MAGAZINE CAP.

4. Carefully disengage the barrel from the receiver while sliding the barrel ring from the magazine tube. ***DO NOT USE EXCESSIVE FORCE OR TOOLS.*** Immediately replace the magazine cap and hand-tighten at least three threads.

Reassembly of the barrel to the action was explained earlier in this section.

LOADING PROCEDURES

SINGLE SHOT MODE

Use the correct ammunition referenced by the inscription on the left side of the barrel. Before loading your gun, be sure all grease and oil has been removed from the barrel and chamber and there are no obstructions.

1. Depress the disconnecter release button found behind the trigger guard on the left side. This unlocks the action without releasing the hammer.
2. Open the action and push the safety in the “ON SAFE” position. The chamber is now ready to be loaded.
3. To operate your FN Police Shotgun in a single-shot mode a shell can now be placed directly into the chamber.

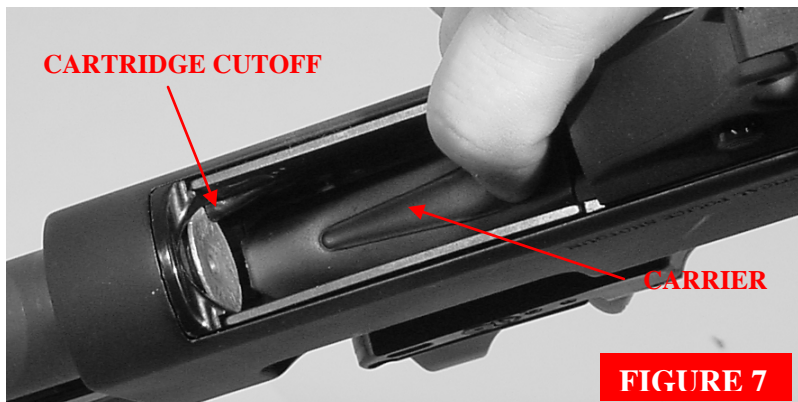
IMPORTANT: When the slide is moved forward with a shell placed directly into the chamber the gun is now ready to fire.

LOADING THE MAGAZINE

Before loading, make sure your shotgun is pointed in a safe direction and you are in an appropriate location for loading and that shooting will be imminent.

1. Place the safety in the “ON SAFE” position and close the action.
2. Depress the carrier with the forward end of the nose of the shell.
3. With your thumb on the base of the brass push the shell in to the magazine until the carrier returns to the original position (see Figure #6).
4. Repeat the procedure until the magazine is fully loaded.

TO AVOID ACCIDENTAL DISCHARGE DO NOT CARRY A GUN WITH A SHELL IN THE CHAMBER.



UNLOADING PROCEDURES

THE SAFETY SHOULD BE IN THE “ON SAFE” POSITION (THE RED WARNING BAND WILL NOT BE VISIBLE).

Perform the following steps to remove shells from the chamber and magazine on all FN Tactical Police Shotguns.

1. Point the muzzle in a safe direction.
2. Hold the disconnecter release button inward to release the slide.
3. Slide the forearm through a complete cycle of the action and repeat the process until all the shells in the magazine have been transferred to the chamber and then ejected.
4. When the last shell in the magazine has been cycled through the chamber and out the ejection port, leave the action open.
5. Using your index finger, feel the entry of the magazine to make sure there are no longer any shells that have not been fed from the magazine and ejected.

ALTERNATE WAY TO UNLOAD

The shells can also be removed from the magazine by following these steps:

1. ***PLACE THE SAFETY IN “ON SAFE” POSITION, MAKE SURE THE ACTION IS CLOSED AND KEEP THE MUZZLE POINTED IN A SAFE DIRECTION.***
2. Turn the gun over so the trigger guard is facing up, then push and hold the carrier down as far as it will go.
3. The cartridge cutoff is located on the inside-right below the ejection port, (Figure #5). Depress the front end of the cutoff one time fully into the receiver wall to release each shell from the magazine.
4. With the magazine emptied and with the safety still in the “ON SAFE” position, press the disconnecter release button and move the forearm all the way rearward to remove the shell from the chamber.

IMPORTANT: ALWAYS VISUALLY AND PHYSICALLY CHECK AND KNOW FOR SURE THAT YOUR SHOTGUN IS NOT LOADED. DO THIS BY LOOKING DIRECTLY INTO THE CHAMBER AND INSERT YOUR FINGER INTO THE CHAMBER WITH THE BOLT FULLY TO THE REAR.

FIRING PROCEDURES

1. When ready to shoot, and with a loaded shell in the chamber, the safety “ON SAFE”, and your finger off of the trigger, push the safety to the “OFF SAFE”

position (with the red warning band fully visible). **Your shotgun is now ready to fire with a pull of the trigger.**

REMEMBER, THE RECOIL FROM A SHOTGUN, ESPECIALLY MAGNUM LOADS, WILL BE SOMEWHAT HEAVIER THAN MOST OTHER FIREARMS, SO FIRMLY SHOULDER YOUR SHOTGUN, TAKE AIM, AND – WHEN ON TARGET – SQUEEZE THE TRIGGER.

2. Pull the forearm fully rearward until the fired shell is ejected out the ejection port.
3. Push the forearm fully forward, transferring a new shell from the magazine into the chamber. Your shotgun is again cocked and ready to fire. ***IMMEDIATELY PUT THE SAFETY IN THE “ON SAFE” POSITION (WITH THE RED WARNING RING HIDDEN) UNTIL YOU ARE READY TO FIRE AGAIN.***

IN THE CASE OF A MISFIRE

Only rarely will modern factory ammunition experience a misfire. If this ever happens to you when shooting your FN TPS, please follow these instructions carefully.

CAUTION: IN THE CASE OF A MISFIRE, KEEP THE BARREL POINTED IN A SAFE DIRECTION, CAREFULLY OPEN THE ACTION WHILE AVOIDING DIRECT EXPOSURE TO THE BREECH BY YOURSELF AND OTHERS. REMOVE THE SHELL FROM THE CHAMBER. LEAVE THE ACTION OPEN AND FULLY UNLOAD YOUR SHOTGUN, REMOVING ALL SHELLS FROM THE MAGAZINE.

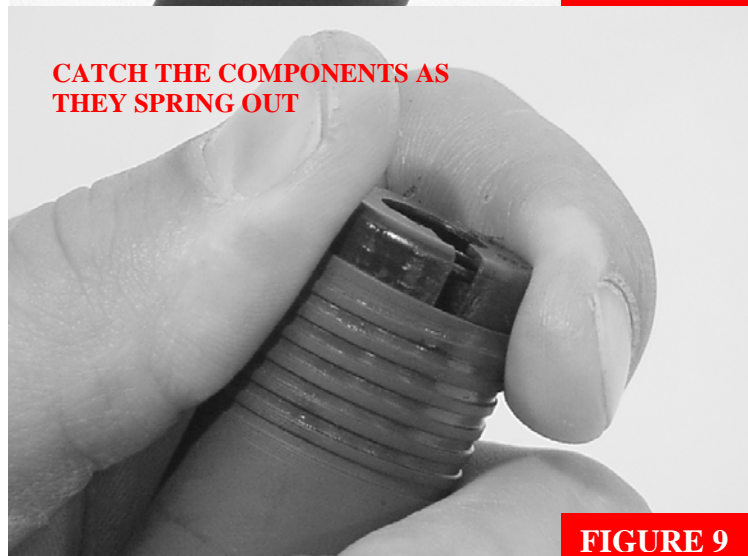
Carefully inspect the ejected shell. If the primer is dented, the shell should be disposed of in a manner that would prevent accidental injury to you or others. If there is no indentation, your gun has malfunctioned and should be serviced by a qualified gunsmith, or by the FN Herstal Service Center as explained under “Service or Repair”, see page 26.

REMOVING THE MAGAZINE SPRING

FN Tactical Police Shotguns are not shipped with an adapter, which limits the magazine capacity to two shells. If an adapter is needed for legal use, one can be installed. However, it may be important to remove the magazine spring for cleaning of the magazine spring and tube.

BE CERTAIN THERE ARE NO SHELLS IN THE MAGAZINE OR CHAMBER. ALWAYS FULLY UNLOAD YOUR SHOTGUN AND REMOVE THE BARREL BEFORE REMOVING THE MAGAZINE SPRING. ALWAYS POINT THE END OF THE MAGAZINE AWAY FROM YOUR FACE AND IN A SAFE DIRECTION.

ALWAYS WEAR EYE PROTECTION WHEN REMOVING AND REINSTALLING THE MAGAZINE SPRING.



The magazine spring is under spring tension and can thrust out of the tube when the friction-type magazine retainer is removed too quickly. Never look directly down into the cap end of the open magazine.

1. Remove the magazine cap and barrel.
2. Place one hand over the retainer and pry it up slowly with a screwdriver using your other hand (see Figure #8). When the retainer releases you will feel the pressure of the friction ring in your hand.
3. Slowly raise your hand and let the magazine spring relax. Capture the parts in your hand as they spring out (see Figure #9).
4. With the spring relaxed the spring and the follower can be removed. To reinstall, reverse this procedure

FULL DISASSEMBLY

One advantage of an FN TPS is the ability to disassemble the action for cleaning. Under very harsh weather conditions and in dirty environments just knowing that parts are clean and lightly oiled can add an extra measure of confidence.

Make sure you have a clean place to work and a good place to put the components as they are disassembled.

Wear eye protection at all times. Never disassemble beyond what is shown in this manual.

Disassembling the action can be done in the field, but remember, there are small parts involved, some of which are under spring tension (see Figure #10).

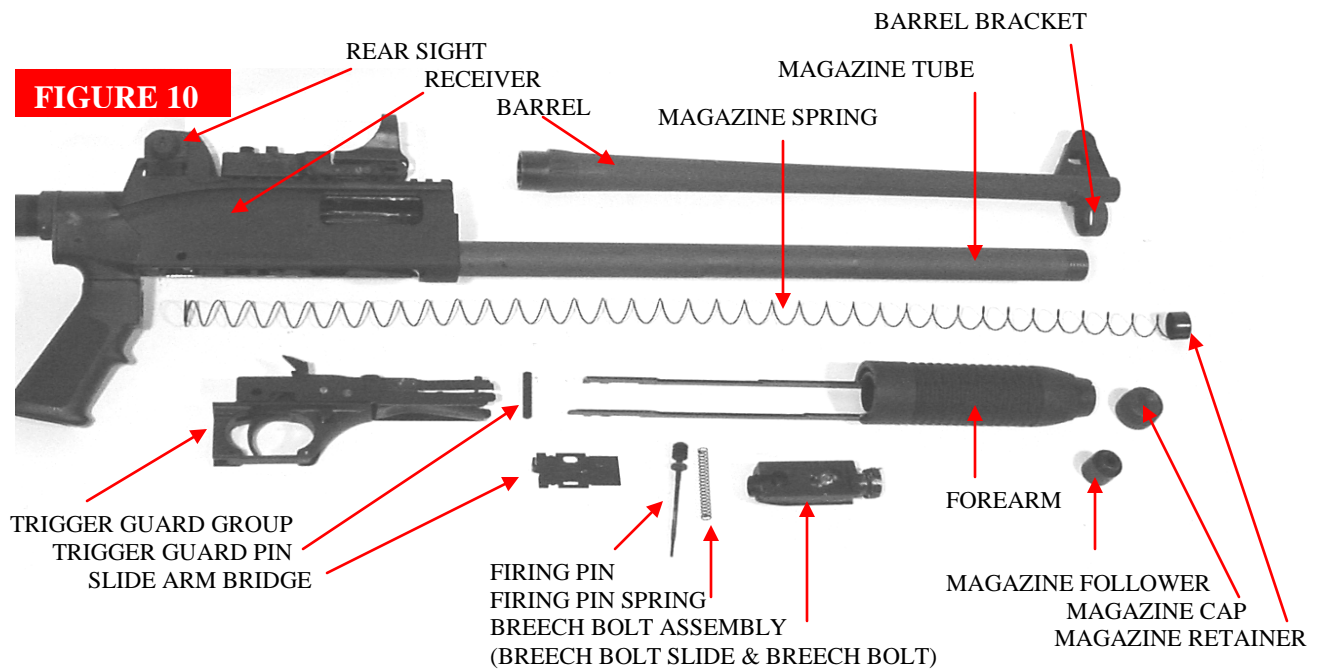
FIRST, BE CERTAIN THERE ARE NO SHELLS IN THE MAGAZINE OR CHAMBER.

HOW TO TAKE DOWN THE BARREL

1. Open the action and make sure the gun is not loaded.
2. Close the action and place the safety in the “ON SAFE” position.
3. Unscrew and remove the magazine cap. ***REMEMBER, ALWAYS KEEP THE END OF THE MAGAZINE POINTED IN A SAFE DIRECTION.***
4. Slide the barrel forward withdrawing the barrel from the receiver and disengaging the barrel bracket from the end of the magazine.
5. Immediately screw the magazine cap back onto the magazine.

HOW TO REMOVE THE TRIGGER GUARD AND GROUP FROM THE RECIEVER

Removing the trigger guard group is another necessary procedure in performing thorough maintenance of your shotgun. It is easy to do, and removing it allows you to perform cleaning and maintenance whenever and wherever required. ***MAKE SURE THE GUN IS UNLOADED.*** With both the trigger guard group and the bolt assembly removed, it is easy to wipe out any debris or moisture that sometimes accumulates in the receiver. The trigger guard group should be removed before you attempt to remove the bolt assembly. The action should be cycled by sliding the forearm forward and then rearward. This puts the hammer in the cocked position. Place the safety in the “ON SAFE” position.



1. If the barrel assembly has been removed, always be sure to replace the magazine cap on the end of the tube to prevent accidental disengagement of the magazine spring retainer.
2. Place your gun with the trigger guard facing up, on a suitable surface that will protect the receiver finish and stock.
3. Remove the trigger guard pin by pushing it out from the RIGHT side of the receiver—the side with the ejection port. Any sturdy pushing tool that is smaller in diameter than the pin, that will not mar the finish, is acceptable. Make sure you can maintain a good grip on your pushing tool and on the shotgun as you push (see Figure #11).
4. Push the pin through sufficiently until it can be grasped with your fingers. Pull it the rest of the way out. If it cannot be removed with fingers, make sure your pushing tool or punch has a diameter small enough so that it will push the pin completely through without the tool damaging the hole (see Figure #12).
5. With the pin removed, lift the trigger guard group out of the receiver by pulling down and to the rear (see Figure #13).



HOW TO DISASSEMBLE THE SLIDE AND BREACH BOLT

1. Remove the barrel and trigger guard group as explained earlier, but do not replace the magazine cap.
2. With the action slide arms still attached to the slide arm bridge, simultaneously slide both assemblies forward and out of the front of the receiver. Note, that as breech bolt assembly passes by the ejection port, there may be some resistance from the ejector spring. Carefully work it past.

HOW TO REMOVE THE FIRING PIN

Begin with the breech bolt assembly removed from the gun.

1. Grasp the breech bolt assembly, bottom side up (flat side), and push the rear of the firing pin forward with your forefinger. While holding the firing pin in this position, take your other hand, tilt the front end of the slide arm bridge and move it slightly forward. Lift up on the slide arm bridge and disengage the curved tongue on the slide arm bridge from the groove in the firing pin. This will detach the slide arm bridge from the breech bolt slide.
2. The firing pin is under spring tension and will snap out the rear of the breech bolt when your forefinger releases it. Control the pin as you remove the firing pin and spring because they are under tension.

For cleaning purposes no further dismantling is necessary or recommended. Do not disassemble you FN TPS further than shown in Figure #10. Doing so may void your warranty. For repairs that require further disassembly contact the FN service Dept.

HOW TO REASSEMBLE THE FIRING PIN, BREECH BOLT AND SLIDE

1. Reinstall the firing pin spring over the firing pin. Either end can go first.
2. Insert the firing pin (with spring) into the rear opening of the bolt slide, pin end first.
3. To reinstall the bolt assembly on the slide arm bridge, push or compress the “knob end” of the firing pin sufficiently into the hole in the bolt slide so that the large space between the grooved “knob” and the flange on the firing pin is centered in the round hole on the bolt slide.
4. Place the curved tongue, located on the slide arm bridge, into the space between the knob and flange and slowly release pressure on the end of the firing pin. Let the flange on the pin pull the tongue toward the rear of the bolt assembly. This should hold the breech bolt assembly and the slide arm bridge together during further assembly.
5. With the firing pin and breech bolt now assembled, engage the slide arm bridge into the matching cuts on the slide arms (see Figure #14)
6. Remove the magazine cap. Hold the slide arms and bolt/slide arm bridge assemblies together. Start the forearm assembly onto the magazine tube.
7. Carefully guide the slide arms and bolt/slide arm bridge assemblies into the front of the receiver. As the assemblies enter the receiver, slide them fully rearward (see Figure #15)

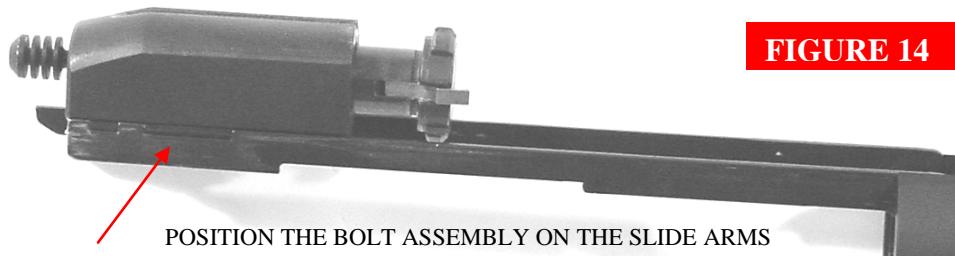


FIGURE 14

POSITION THE BOLT ASSEMBLY ON THE SLIDE ARMS

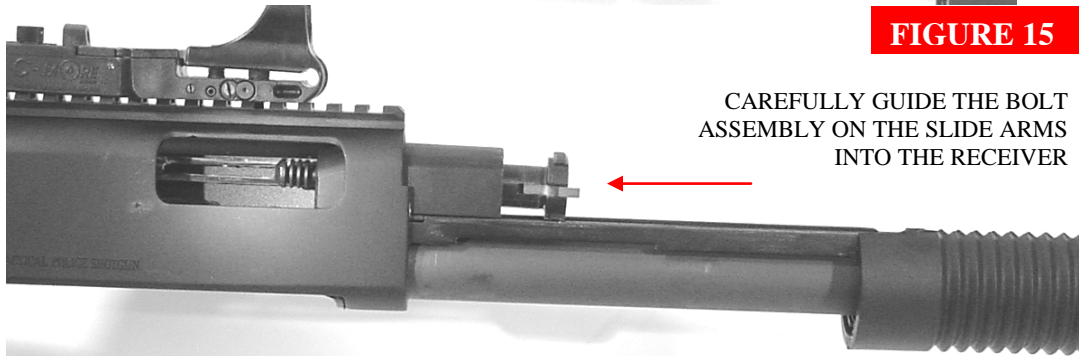


FIGURE 15

CAREFULLY GUIDE THE BOLT ASSEMBLY ON THE SLIDE ARMS INTO THE RECEIVER

HOW TO REINSTALL THE TRIGGER GUARD GROUP

Be careful when reinstalling the trigger group. Never force parts into position. Normally the bolt assembly, slide arms and barrel should be attached before installing the trigger guard group. The hammer should be in the cocked position and the safety in the “ON SAFE” position. Carefully insert the trigger guard group into place. It may be necessary to slide the forearm into different positions until the trigger guard group fits flush into the receiver. When it is properly installed it will fit easily and the pin will slide in without excessive force.

Installing the bolt assembly after the trigger guard group is installed should not be attempted. Consequently, make sure you have already installed the bolt assembly before installing the trigger guard group. It is not necessary that the barrel be attached to install the trigger group. Install the trigger group as follows:

1. Turn your shotgun over with the open bottom of the receiver facing upward. Hold the trigger guard at an angle to the receiver (about 45°) and then engage the front tabs on the trigger guard group with the corresponding slots in the magazine throat at the forward end of the receiver opening as shown earlier in Figure #13.
2. Rotate the trigger guard group towards and into the receiver opening, until it is parallel with the receiver.
3. Align the trigger guard group with the hole in the receiver and install the trigger guard pin from the RIGHT side of the receiver (ejection port side) until it is flush with both sides of the receiver. The pin should pass through easily with little force. If significant resistance is felt, remove the trigger group and repeat step one above.

Your FN TPS is now fully assembled. Immediately confirm that the safety is in the “ON SAFE” position. Take time to wipe down and clean all external surfaces as explained under Cleaning and Maintenance Suggestions later in this manual.

SIGHT ADJUSTMENTS

The FN Tactical Police Shotgun is fitted with M16A2 style front and rear sights. These sights are adjustable for both elevation and windage. Moving each of these sights one graduation or notch is referred to as a “click”. Markings on the sights refer to the “strike of the round”, and not necessarily the movement of the sight apparatus. Note: Before making any sight changes, a serviceability check should be performed on the sights to ensure there are no bent, broken, or loose parts.

BEFORE MAKING ANY SIGHT ADJUSTMENTS, MAKE SURE YOUR SHOTGUN IS FULLY UNLOADED AND THE MUZZLE IS POINTED IN A SAFE DIRECTION. PLACE THE SAFTEY IN THE “ON SAFE” POSITION.

FRONT SIGHT

The front sight consists of a round rotating sight post with a four-position, spring-loaded detent (see Figure #16). Adjustments are made by using an instrument of small diameter to depress the spring-loaded detent, so the post can be rotated in the desired direction. The front sight is only used to change elevation. Adjustment of the front sight is as follows.

To raise the strike of the round, the firer rotates the front sight post the desired number of clicks **CLOCKWISE**, or to the right. Thus the strike of the round is raised up while the post is lowered. The firer reverses the direction to move the strike of the round down.



FIGURE 16

REAR SIGHT

The rear sight consists of a sight aperture contained in a hood, a windage knob, and an elevation knob (see Figures #17 through #18). Adjustments can be made by hand without the use of other tools or objects. The larger aperture, marked “0-2”, is used for moving target engagement and during limited visibility. The unmarked aperture is used for normal firing situations and zeroing. Elevation adjustments using the rear sight are as follows.

To raise the strike of the round, the firer rotates the rear sight elevation knob the desired number of clicks clockwise (in the direction marked UP). To move the strike of the round down, the fire reverses the direction and rotates the knob counterclockwise (in the direction marked DOWN, or DN).

To move the strike of the round right, the firer rotates the rear sight windage knob the desired number of clicks clockwise (in the direction marked RIGHT, or R). To move the strike of the round left, the firer reverses the direction and rotates the knob counterclockwise.

ZEROING

The process of zeroing is accomplished by adjusting the sights on your shotgun so that point of aim and point of impact coincide on a pre-designated location on a target at a specific range.

MECHANICAL ZERO

The first step of zeroing is to establish initial sight settings or “mechanical zero”. To accomplish this begin with the front sight. Depress the detent and rotate the sight post clockwise or counter-clockwise until the base of the post is flush with the housing. Next move to the rear sight elevation knob. Rotate the knob counterclockwise until the rear sight assembly bottoms out and then rotate back clockwise 20 clicks. Next, zeroing the rear sight windage. This can be achieved by indexing the notch on the rear sight aperture (on the top of the sight marked “0-2”), with the center windage notch at the bottom rear of the rear sight block or housing.

WINDAGE AND ELEVATION RULES

Windage and elevation rules define how far the point of impact will move on the target at a specified zeroing range. For the FN TPS the recommended range is 25 yards for single projectile loads (slugs) and 10 yards for multiple projectile loads. For the rear sight windage, 1 click equals approximately 1/8 of an inch at 25 yards. For the rear sight elevation, 1 click equals approximately 3/16 of an inch at 25 yards. For front sight elevation, 1 click equals approximately 1/4 of an inch. For distances less than 25 yards, zero should not change for coinciding ammunition.

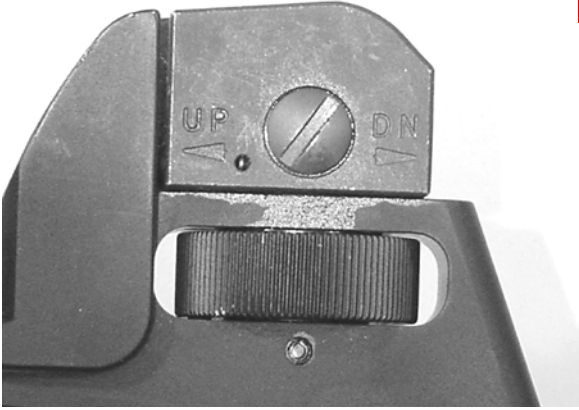


FIGURE 17

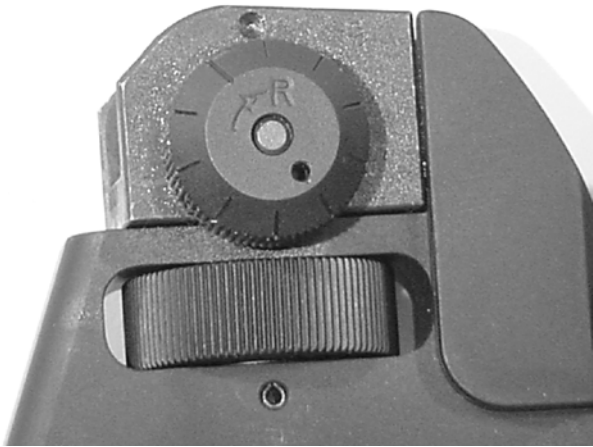


FIGURE 18

CO-WITNESSING OF OPTICAL SIGHTS

Should you desire to install a non-magnified electronic optical sight, the procedures are as follows.

You must first zero the standard iron sights as described above. Upon completion of zeroing, unload your shotgun. Secure the receiver of the shotgun in a padded support, such as a vise. Attach the electronic sight according to the manufacturers instructions. With the electronic sight in line with the iron sights, turn on the electronic sight. While maintaining proper sight alignment with the iron sights, move the center of the electronic aiming point to the tip of the front sight (see Figure #19). This will co-witness the electronic sight to the same zero as the iron sights, thus saving you ammunition. Confirm by test firing



FIGURE 19

CLEANING AND MAINTENANCE SUGGESTIONS

As with any firearm, the FN Tactical Police Shotgun will function better and more reliably over a longer period of time if it is properly maintained and kept clean.

BEFORE PERFORMING ANY CLEANING PROCEDURES, ALWAYS MAKE CERTAIN THERE ARE NO SHELLS IN THE CHAMBER, MAGAZINE, OR ACTION / FEED AREAS.

You should clean your FN TPS after every day of shooting and more often, if it becomes excessively dirty.

A minimum cleaning requires wiping down the action and lubricating key parts. Most regular maintenance will also include cleaning the barrel. If you encounter a function problem (tight action when working the forearm), be sure to give the gun a thorough cleaning to see if it solves the problem before seeking the services of an FN Herstal armorer or a gunsmith. To clean your shotgun, follow the general outline below:

CLEANING PROCEDURES

BE CERTAIN YOUR GUN'S CHAMBER AND MAGAZINE ARE UNLOADED. ALWAYS WEAR PROTECTIVE SAFETY GLASSES DURING ALL CLEANING PROCEDURES. KEEP AMMUNITION AWAY FROM THE CLEANING AREA. DO NOT TEST THE FUNCTION OF YOUR FIREARM WITH LIVE AMMUNITION.

Always place the safety in the intermediate "ON SAFE" position before beginning any cleaning procedure.

1. Use a cleaning rod with a tip and patch suitable for your FN TPS's bore. Make sure the patch is large enough for snug fit in the bore. Insert the patch into the barrel at the receiver end and run it back and forth several times
2. Inspect the chamber and bore for lead, and powder fouling. A normal amount of powder residue can be expected and is not serious. It can be easily removed using a patch saturated with solvent. If fouling is heavy, a brass bore brush can be used in the chamber. Dip or spray the brush with solvent and scrub the chamber and bore until the fouling is removed. To prevent brass bristles from breaking off, the brush should be pushed completely through the bore before being withdrawn.
3. After the fouling has been removed the bore should be wiped dry. The last patch through the bore and in the chamber should be a dry one. If you do not anticipate shooting your FN TPS for a few days or more, run a patch with a few drops of high-quality light oil down the bore for protection from rust. Be sure to remove this oil film from the barrel before firing the next time you shoot.

4. Wipe all exposed metal surfaces of the receiver and barrel with a clean rag. Finger marks should be removed from metal surfaces because they only provide a place for moisture to accumulate. Any dried oil in the receiver should also be removed.
5. Lightly lubricate your gun at the points described earlier in this manual under “Lubricating the Action”. Ordinary good judgment will, of course, indicate that the metal of the shotgun should receive a light film of oil any time the shotgun has been exposed to weather or handling. This is very important and should be done with every firearm. Remember, the polished, finely fitted surfaces of the receiver and action mechanisms must always have a thin film of oil. Make sure that all surfaces of the breech bolt are especially clean and lightly lubricated with high quality gun oil. Do not use pure silicon or lanolin.
6. ***INSPECT THE BARREL AND CHAMBER TO MAKE CERTAIN THAT NO PATCHES HAVE BEEN INADVERTENTLY LEFT IN THEM.*** Remove any that remain.
7. Wipe all surfaces with a soft cloth.
8. When transporting only, store your FN TPS in a quality protective case to prevent scratches and dents. Store in a dry place to prevent corrosion. Store away from children.

MAKE SURE YOUR SHOTGUN IS UNLOADED AND ALWAYS STORE AMMUNITION SEPERATLY.

OTHER CLEANING AND MAINTENANCE SUGGESTIONS

- After extended periods of heavy use, your shotgun should be taken to a qualified gunsmith, unit armorer, or FN Herstal armorer to have the barrel and action disassembled for a detailed cleaning and lubrication.

NEVER ATTEMPT TO DISASSEMBLE YOUR FN TPS FURTHER THAN HAS BEEN EXPLAINED IN THIS MANUAL. Doing so may void the warranty and damage the internal parts.

The FN TPS is a specialized, finely fitted and tuned mechanism. You may inadvertently degrade its performance or permanently damage its inner components by attempting to disassemble the shotgun further than is outlined in this manual. If further disassembly for service or cleaning is required, return the shotgun to your FN Hertstal Certified unit armorer, or an FN Herstal armorer as explained under “Service or Repair”.

PARTS, SERVICE, REPAIR, AND QUESTIONS

To order parts or receive service, please call our customer service department for instructions. Be prepared to furnish the following information: your name, address, and telephone number. Also specify the model and shotgun serial number.

CAUTION: PARTS FOR THE FN TPS ARE MANUFACTURED BY OR FOR FN HERSTAL ARE MADE SPECIFICALLY FOR THE FN TPS. THEY SHOULD NOT BE USED IN OTHER GUNS EVEN THOUGH MODELS MAY BE SIMILAR. ALSO, PARTS FOR OTHER FIREARMS SHOULD NOT BE USED ON THE FN TPS, EVEN THOUGH THEY MAY BE SIMILAR. IMPROPERLY FITTED PARTS MAY BE DANGEROUS.

If you have any questions on how to obtain service or parts for your FN Tactical Police Shotgun, or if you have any other question, call FN Law Enforcement Division Customer Service at:

FNH-USA, INC.

P.O. Box 697
McLean, VA 22101
Tel: (703) 288-1292
Fax: (703) 288-1730

BROWNING, ARNOLD

Customer Service:
1-800-635-1321 ext. 861

F.N. Manufacturing, the makers of FN Law Enforcement firearms, offers an information resource for you on the World Wide Web.

- Other police and military products.
- Links to helpful sites.

You can find us on the web at: www.fnmfg.com