



MAINTENANCE MANUAL

WARNINGS

Always handle this rifle as if it were loaded and ready to fire.

Keep it pointed in a safe direction, down range or towards the impact area.

Keep the safety ON (to the rear in the "S" position) until you are ready to fire.

Always look into the chamber before cleaning the weapon to visually determine it is unloaded.

Check the bore and chamber for obstructions before loading and attempting to fire.

Be sure you have the proper ammunition for the rifle (7.62mm NATO, .308 Win., or equivalent).

A hazardous condition may occur if parts or components are interchanged between rifles. Some interchanging may effect zeroing and/or accuracy of the weapon.

Hearing damage may occur unless proper hearing protection is worn when firing the system.

Always observe the warnings in this manual, as they can save your life!

This manual is published for the purpose of identifying an authorized commercial manual for the use of the personnel to whom this equipment is issued.



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CHAPTER 3 MAINTENANCE INSTRUCTIONS SECTION I. LUBRICATION INSTRUCTIONS

3-1 LUBE GUIDE

NOTE

The instructions in this section are mandatory.

- Over-lubrication should be avoided at all times. A thin coat of appropriate lubrication is all that is needed to prevent the possibility of corrosion.
- When the rifle is to be stored it should be carefully cleaned and thoroughly oiled. Coat the bolt face, extractor, ejector, bore, chamber and exterior of trigger assembly with Rem™ Oil. Further lubrication is not necessary. (See Figure 3-1).
- When the rifle is to be reused, all lubrication must be removed from the chamber and bore. Lubricate the bolt lugs and cocking cam to prevent wear.

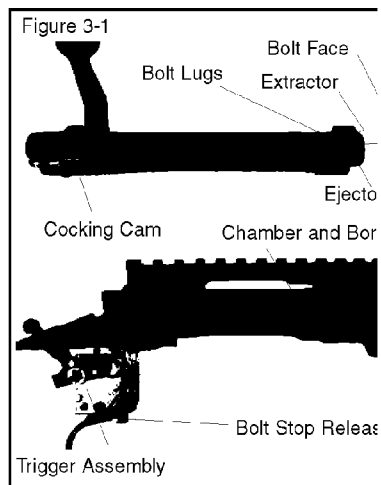
NOTE

The spare firing pin is lubricated for shipping purposes.

- Place a drop of Rem™ Oil under the bolt stop release. Remove all excess oil with a clean rag.
- Ensure spare firing pin assembly found in the deployment kit has a thin coat of Rem™ Oil at all times.

3-2. GENERAL

Perform Before and After operations PMCS if you are the assigned operator and the weapon has been stored in an arms room and not used for a period of 90 days, or you have been issued the weapon for the first time (see para 2-16).



NOTE

An inactive weapon is a weapon, whether assigned or not assigned to an individual, that is stored in an arms room for a period of 90 days. Cleaning (PMCS) of an inactive weapon will be performed every 90 days. This will ensure proper inspection intervals to safeguard against corrosion and detect worn or damaged parts which may require replacement.

SECTION II TROUBLESHOOTING PROCEDURES

33. TROUBLESHOOTING

This manual cannot list all malfunctions that may occur, nor all causes and corrective actions. If a malfunction is not correctable, turn the complete weapon system in to the proper maintenance channel for return to Remington. (See Chapter 3. Section IV. Preparation For Shipment.)

WARNING

Before performing any of the troubleshooting procedures, make sure the rifle is clear/unloaded.

TROUBLESHOOTING TABLE

MALFUNCTIONS	CAUSE	CORRECTIONS
1. FAIL TO FIRE	a. Safety in "S" position. b. Defective ammo. c. Firing pin damaged. d. Firing pin binds. e. Short firing pin protrusion. f. Firing control out of adjustment. g. Trigger out of adjustment. h. Trigger does not retract. i. Trigger binds on trigger guard. j. Firing pin does not remain in the cocked position with bolt closed.	a. Move safety to "F" position. b. Eject cartridge. c. Change firing pin assembly. d. Change firing pin assembly. e. Change firing pin assembly. f. Turn the complete weapon system in to the proper maintenance/supply channel for return to Remington. See Chapter 3, Section IV, Preparation For Shipmer. g. Same as f. above. h. Same as f. above. i. Same as f. above. j. Same as f. above.
2. BOLT BINDS	a. Guard screw protrudes into bolt track. b. Scope base screw protrudes into bolt track.	a. Turn the complete weapon system in to the proper maintenance/supply channel for return to the contractor. b. Same as f. above.
3. FAIL TO FEED	a. Bolt override cartridge. b. Cartridge stems chamber. c. Magazine not fully installed. d. Weak or broken magazine spring.	a. Seat cartridge fully rearward in magazine. b. Pull bolt fully rearward. Remove stemmed cartridge from ejection port area. Reposition cartridge fully in the magazine. c. Push magazine up into magazine well until latch clicks into place. d. Replace magazine.

TROUBLESHOOTING TABLE
(cont)

MALFUNCTIONS	CAUSE	CORRECTIONS
4. FAILS TO EJECT	a Broken ejector. . b Fouled ejector plunger. .	a Same as f. on previous page. . b Inspect and clean bolt face. If malfun tion continues, refer to f. on previous page. a Same as f. on previous page. .
5. FAILS TO EXTRACT	a Broken extractor. .	a Same as f. on previous page. .



SECTION III. MAINTENANCE PROCEDURES

3-4. DISASSEMBLY (FIELD STRIPPING).

CAUTION

Dry firing of the rifle is only to be done in conjunction with PMCS (para 2-16) and safety/function checks (para 3-7) and/or during training.

a. TAKEDOWN PROCEDURE: (Field Stripping)

- (1) CLEAR THE WEAPON

WARNING

Check the chamber and magazine to make sure there are no cartridges in the rifle.

- (2) Point the rifle in a safe direction.
- (3) Put the safety in the "S" position.

3-4

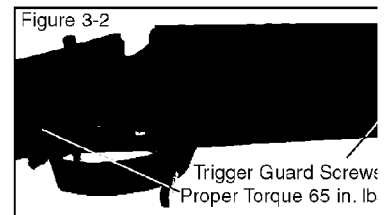
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- (4) Remove the bolt assembly.

WARNING

Steps 5 and 6 should ONLY be done when absolutely necessary.

- (5) Loosen and remove front and rear trigger guard screws (see Figure 3-2).
 (6) Lift stock assembly from barreled action.
 (7) Reassemble in reverse order.



NOTE

Front and rear trigger guard screw must be tightened to 65 in. lbs. using T-handle torque wrench.

3-5. CLEANING AND INSPECTION:

NOTE

If faults are found during inspection that cannot be corrected, turn the complete weapon system in to the proper maintenance/supply channel for return to Remington.

- a. CLEAR THE WEAPON

Put the safety in the "S" position.

WARNING

Check the chamber and magazine to make sure there are no cartridges in the rifle.

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b. TO CLEAN THE WEAPON

CAUTION

Under no circumstances should carbon cleaning compounds be used on any components of the system.

- (1) Use the cleaning kit provided (for field cleaning).

NOTE

It is recommended to use a one piece coated brass 30 cal. cleaning rod.

- (2) Remove the bolt assembly. (See instructions in para 2-8).
- (3) Push the magazine latch to release the magazine (see Figure 3-3).
- (4) Attach the bore brush to the cleaning rod.
- (5) Apply gun cleaning solvent to the bore brush.
- (6) Push and withdraw the bore brush completely through the barrel several times.
- (7) Remove brush from rod, attach tip with patch, and push completely through the bore.
- (8) Repeat several times, using a new cleaning patch each time, until the patch comes out clean.
- (9) Wipe the inside of the magazine and receiver with a cloth dampened with gun cleaning solvent and wipe dry.
- (10) Dust and wipe external portions of the rifle with a clean cloth (for dust and dirt).
- (11) Lubricate as per lubrication, para 3-1.



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b. TO TOUCH UP EXTERIOR FINISH

- (1) Use solid film lubricant for minor touch of missing exterior finish.
- (2) Apply solid film lubricant in accordance with instructions provided on manufacturer's container.

c. THE BOLT ASSEMBLY

Vigorously clean the bolt face with a small cleaning brush dampened with gun cleaning solvent (see Figure 3-4). Wipe bolt assembly clean and dry.

d. TRIGGER ASSEMBLY

- (1) Remove barrel action from the stock (see para 3-4).

CAUTION

Do not remove the trigger assembly from the barrel action.

- (2) Push the safety to the fire position.
- (3) Pull the trigger to the rear.
- (4) Purge dirt and moisture from the trigger assembly with Rem™ Oil or alcohol.
- (5) Lubricate trigger assembly as needed.
- (6) Place a drop or two of the appropriate lubrication to each side of the sear with the trigger pulled to the rear. Dry fire to work lubrication into the trigger assembly.

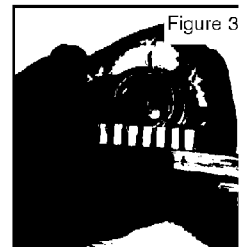


Figure 3

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- (7) Place a drop of lubrication under the bolt stop release.
- (8) Reassemble the barrel action to the stock (see para 3-4).

e. CLEAN THE DAY OPTIC SIGHT

- (1) Remove large particles from exposed lens surfaces by first blowing on the surface. Then brush with lens cleaning brush.
- (2) Apply lens cleaning fluid or isopropyl alcohol to non-silicone lens cleaning tissue. Wipe lens in a circular motion starting in the center of the lens and working towards the outside.

NOTE

If fingerprints are observed, remove immediately using the above procedures.

PMCS should be performed before and after firing.

3-6 REMOVAL AND REPLACEMENT OF FIRING PIN ASSEMBLY

a. FIRING PIN ASSEMBLY REMOVAL

- (1) Remove bolt assembly as per instructions in para 2-8.

NOTE

Be sure bolt is in the cocked position.

- (2) Place the bolt in vertical position with bolt handle to the top. (See Figure 3-5).

3-8

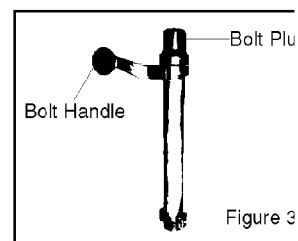


Figure 3

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- (3) Place sear notch, on firing pin head, against a hard surface and pull downward on bolt handle, compressing the spring. (See Figure 3-6).
- (4) Firing pin head will be pushed above bolt plug. While raised, a slot in the firing pin head can be observed.
- (5) Place an object into the slot (identification tag, coin, etc.) and slowly allow firing pin to rest on object.
- (6) Screw firing pin assembly out of the bolt assembly by turning counter clockwise.
- (7) See Figure 3-7. To remove object from slot, place firing pin into 3/16" hole drilled through a block of wood (fabricated item, see Appendix C).

WARNING

Bolt plug will be under spring tension. Release slowly to prevent possible injury to personnel.

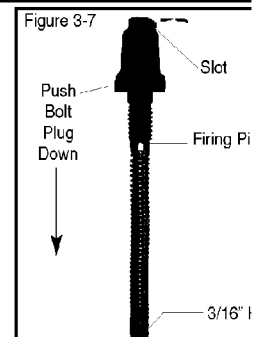
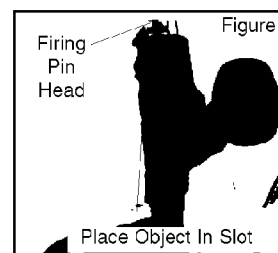
- (8) Grasp bolt plug and press downward compressing spring (see Figure 3-7). Object will fall from slot.

b. FIRING PIN ASSEMBLY REPLACEMENT

- (1) See Figure 3-7. Place firing pin assembly in vertical position with bolt plug on top.
- (2) Insert firing pin into 3/16" hole drilled through a block of wood (fabricated item, see Appendix C).

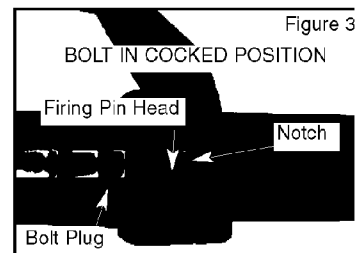
WARNING

Bolt plug will be under spring tension. Release slowly to prevent possible injury to personnel.



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- (3) Grasp bolt plug and press downward compressing spring (see Figure 3-7).
- (4) Firing pin head will be pushed above bolt plug. While raised, a slot in firing pin head can be observed.
- (5) Place an object into slot in firing pin head. (Identification tag, coin, etc.) and slowly allow firing pin to rest on object.
- (6) Screw firing pin assembly into bolt assembly turning clockwise.
- (7) Remove object from slot by placing sear notch against a hard surface and pulling downward on the bolt handle.



NOTE

Bolt must be in the cocked position.

- (8) Turn bolt plug until firing pin head goes into small notch on rear rim of the bolt. The bolt is now cocked. (See Figure 3-8).

3-7 SAFETY/FUNCTION CHECK

WARNING

Before performing the safety/function check, make sure the rifle is clear/unloaded.

- a. If the below listed safety/function checks perform as indicated, rifle is mission ready. If the checks do not perform as indicated, turn the complete weapon system in to the proper maintenance/supply channel for return to the Remington. (See Chapter 3, Section IV, Preparation For Shipment).
- b. With the bolt closed and the firing pin in the most forward position, safety will not go to the safe position.
- c. Pull up on the bolt handle to cock the rifle. Pull bolt to the rear.
- d. Close the bolt.

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- Put the safety in the safe position.
- e
- f Pull the trigger. Firing pin head will not move forward.
- g Put the safety in the fire position.
- h Pull the trigger. Firing pin head will move forward. A click should be heard.

3-8. STORAGE

- a. When the rifle is to be stored in the system case, ensure the chamber and magazine are free of ammunition and the cleaned and lubricated as per instructions (see para 2-7 and 3-1)
- b. Ensure there is no live ammunition in the area.
- c. The bolt will be in the closed position.
- d. Pull the trigger to release spring tension on the firing pin spring.

NOTE

The preferred method of storage is in a vertical position with the barrel down.

SECTION IV. TURNIN PROCEDURES FOR REPAIR OF MODEL 700P EXPORT

3.9 PREPARATION FOR SHIPMENT

WARNING

Under no circumstances should the weapon be shipped while it still contains live ammunition, either in the shipping box or in the weapon itself.

- a. Ensure that no ammunition is present in the weapon by following the procedures for clearing the weapon found in para 2-7.

**REPAIR
SERVICES**

1. To locate the Remington Authorized Repair Center nearest you visit our web sight at www.remington.com and use our Repair Service Locator. If you need additional online assistance, email us at info@remington.com to obtain a listing of Authorized Repair Centers. Contact the Authorized Repair Center of your choice for evaluation of your firearm and/or additional shipping instructions.
2. If your Remington Authorized Repair Center cannot provide the service or repair you require and you need further assistance, please call our toll free number 18002439700. Mon-Fri. 9:00 AM 5:00 PM Eastern time and select the option for repairs. Then if shipment of your firearm is required, please:
 - Record the serial number of your firearm before sending it to us.
 - Pack your firearm for safety and to prevent further damage in shipping and handling. Preferably, ship in a firearm box
 - Remove all accessories from the firearm to prevent loss or damage.
 - Enclose a letter with the firearm detailing the model name or number of your firearm and serial number along with a full description of the problem. Be sure to include your full name and address (P.O. Box and street address), including zip code, daytime telephone number and email address.
 - Ship your firearm by either United Parcel Service (UPS) or Parcel Post (US Post Office). Remington is not responsible for damage or loss during shipment, so that you may elect to purchase insurance from your carrier.

Ship to:

Remington Arms Company, Inc.
Attn: Arms Service Division/ Repairs
14 Hoeffer Ave. Ilion, NY. 13357



WARNING

DO NOT SEND LIVE OR SPENT SHELLS IN YOUR FIREARM OR IN THE SAME BOX, WITH THE FIREARM. THIS IS A VIOLATION OF FEDERAL LAW. IF YOU FEEL YOU MUST SEND SPENT SHELLS. PLEASE SEND THEM IN A SEPARATE PACKAGE AND INCLUDE NAME, ADDRESS (WITH ZIP CODE), TELEPHONE NUMBER, MODEL AND SERIAL NUMBER OF YOUR FIREARM.

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CHAPTER 4

AMMUNITION

4-1. AUTHORIZED AMMUNITION.

WARNING

Use only .308 Win. or 7.62mm NATO ammunition or equivalent.

Do not fire corroded or dented cartridges, cartridges with loose bullets, or any other defective cartridges detected by visual inspection.



.308 Win. Shown

Figure 4-1

4-2. AMMUNITION WHICH FAILS TO FIRE.

Dispose of any ammunition which fails to fire according to authorized procedures.

4-3. CARE, HANDLING, AND PRESERVATION.

- Protect ammunition from mud, sand, and water. If the ammunition gets wet or dirty, wipe it off at once with a dry cloth. Wipe off light corrosion as soon as it is discovered. Turn in heavily corroded cartridges.
- Do not expose ammunition to the direct rays of the sun. If the powder is hot, excessive pressure may develop when the rifle is fired.
- Do not oil or grease ammunition. Dust and other abrasives that collect on greasy ammunition may cause damage to the operating parts of the rifle. Oiled or greased cartridges produce excessive chamber pressure.



4-2



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APPENDIX C

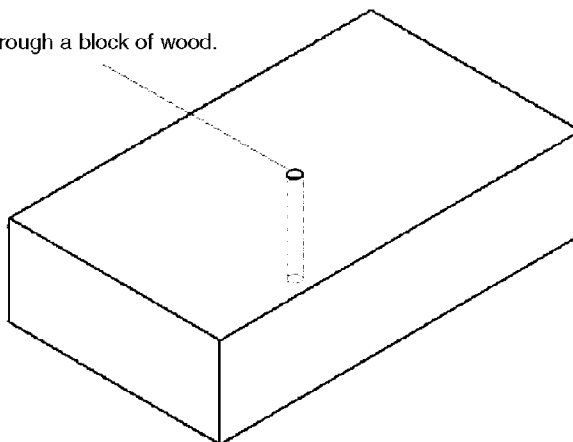
FABRICATED ITEM

D-4

C-1 GENERAL

Used in firing pin assembly removal and replacement procedures.

Drill a 3/16" hole through a block of wood.



C-1

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