



SNOW WOLF

SW-11

**HOP
UP**



FOR AGES 18 YEARS AND UP

HANDLING CAUTIONS AND INSTRUCTION MANUAL

! WARNING: Always wear eye protective gear.



When shooting the air gun for a target or game, you and all participants must wear eye protective gear, also paying attention to ricochets. (Pay sufficient attention to third personnel other than participants.)

! WARNING: Never shoot the air gun towards a person or animal.



Never aim or shoot a person or animal as the target. Always attach the protective plug to the muzzle, except when you are ready to shoot a target.

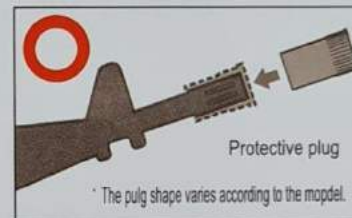
! WARNING: You may be punished if you are shooting for a practical joke.



You may be punished if you damage public or personal properties or injure a person or animal even if you are shooting for a practical joke.

Always observe manners and enjoy healthy sport shooting.

! WARNING: Always attach the protective plug to the gun muzzle.



Make sure to attach the protective plug to the gun muzzle, except when you are shooting, for preventing accidental sudden discharge and for the dust-proof purpose. (Never pull the trigger with the protective plug being attached.)

Protective plug

* The plug shape varies according to the model.

! WARNING: Never look into the gun muzzle.



Looking into the muzzle is extremely dangerous, regardless of with or without bullets being installed. If a BB bullet hits your eye, you may, in the worst case, lose your sight.

! WARNING: Avoid pulling the trigger carelessly.



Activating the trigger carelessly is extremely dangerous. Never put your finger onto the trigger unless the protective plug is removed and you are ready to shoot a target.

! WARNING: Always direct the muzzle towards a safe direction.



Never direct the muzzle towards a person, animal or other dangerous directions. Always attach the protective plug, except when you are ready to shoot a target.

! WARNING: Never shoot the air gun at places where people and cars pass cross.



Select a safe place for operating the air gun, avoiding places where people and cars pass cross or third persons are around.

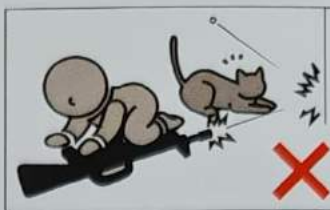
- The operation procedure varies according to the model. Make sure to operate an air gun after recognizing its features.
- We are not responsible for any accidents, events, injuries or repair costs arising from wrong operation and handling or by modification and disassembly of the gun.

! WARNING: Always put the gun in a case or bag when you are carrying it.



When you carry the air gun, attach the protective plug, set the selector lever to the Safety position and put it in a case or bag.

! WARNING: Store the air gun at places out of reach by children.



Always attach the protective plug to the muzzle, remove the battery and store the air gun in a case or bag and at a place out of reach by children so that they will not be injured during mischievous play.

! WARNING: BB bullets may be shot out even if the magazine is removed.



There are cases that bullets remain in the gun after the magazine is disconnected. Pulling the trigger carelessly is extremely dangerous. After removal of the magazine, direct the muzzle towards a safe direction and pull the trigger to confirm that no bullets remain in the gun.

Then, attach the protective plug to the muzzle.

! WARNING: Always set the selector lever to the Safety position.



① Attach the protective plug to the muzzle. ② Set the selector lever to the Safety position. ③ Remove the magazine.

! WARNING: Release Put away your fingers from the trigger, except when you are ready to shoot a target.



Never put your fingers onto the trigger except when you are shooting a target. Maintaining your fingers on the trigger may cause sudden discharge for some reasons, which is dangerous.

! WARNING: Never disassemble or modify the air gun.



This air gun is manufactured under consideration of appropriate performance and operability. Disassembling or modifying the gun may generate danger or adversely

affect the performance. So, avoid disassembling or modifying the air gun.



Read through this manual before shooting paying special attention for safe operation.

• Thoroughly understand the warning and cautions for safe operation.

! WARNING:

! WARNING:

Always observe warnings and cautions strictly. Failing to do so may cause injury, accidents or damage to the gun.

Data of SW-05 SMG Electric Air GUN	
Name	(SW-05)
Overall	803mm
Weight	3.410g (including battery)
Barrellength	300mm
Magazine capacity	420
Bullet	6mmBB bullets
Initial bullet speed	105/sec (0.2)
Full auto shooting speed	900 to 1020 rounds/min



● 8.4V Ni-Cd Battery Pack



● Exclusive Charger for Ni-Cd Battery Pack



- Never operate the Safety lever while pulling the trigger. Otherwise, malfunctions are possible, resulting in accidents.

- Pulling the trigger with the Safety lever being set to **safe** may damage the gun.

- Take care as clothes or gloves, etc may get caught on the lever.



- As the SW-05 SMG is made of many metal parts, it is heavy. Be careful not to drop on or hit anyone with it.



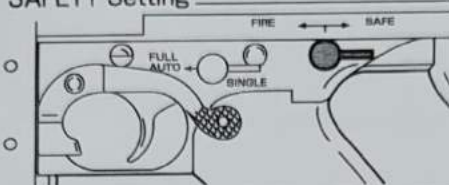
- Always attach the protective cap and disconnect the magazine to avoid sudden operation upon connecting the connector to the battery.

Safety and Selector Lever Setting

(Always set the safety lever to **SAFE** until immediately before firing.)

CAUTION Set the safety · selector lever correctly in position; otherwise, malfunction may occur.

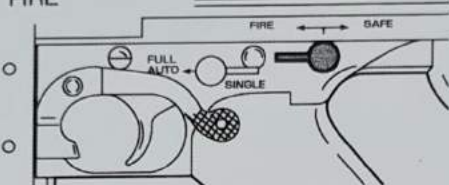
SAFETY Setting



The trigger cannot be pulled.

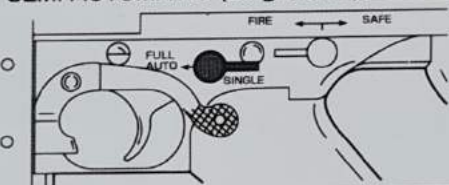
When you are not firing the gun or during storage. Always set the lever to the **Safe** position and attach the protective cap.

FIRE



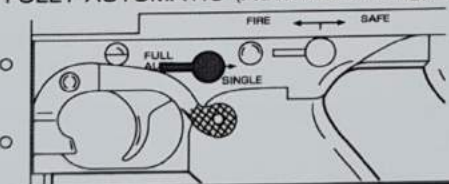
After selecting "Fire" both semi or full firing is capable.

SEMI AUTOMATIC (Single Shot)



The gun will fire one shot each time the trigger is pulled.

FULLY AUTOMATIC (Automatic Firing)



The gun will fire automatically while the trigger remains pulled.



WARNING

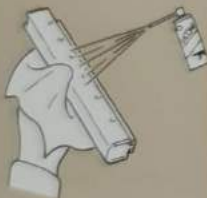
	Only for 18 years of age or older	Operation of this air gun for competition use is restricted to users of 18 years of age or older.
	Injury caution	Since plastic BB bullets reach 50 to 60 meters, careless shooting may cause eye damage or other injuries.
	Careful reading of Handling cautions and instruction manual	Always read through this HANDLING CAUTIONS AND INSTRUCTION MANUAL carefully before operation. Operate the air gun with full recognition of warnings and cautions.



Always use the Marui BB Bullet for this air gun. We shall not be held responsible for any damage or accidents arising from the use of bullets supplied by other manufacturers.

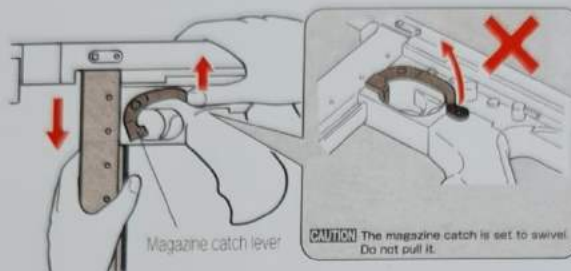


The magazine is made from metal to give it an authentic look. Rust proofing will be necessary.



4 Setting the Magazine

- 1 Push up on the magazine catch to remove magazine. (Support the magazine as it may drop.)



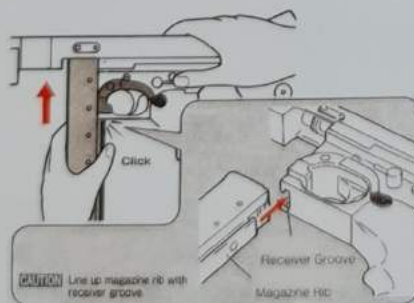
- 3 Insert the charger into the magazine.



Press in bullets using the charging rod.

CAUTION The magazine is capable of containing 60 rounds.

- 5 Make sure to set the magazine upwards and connect it firmly until a click sound is heard.



Confirm that the safety lever is set to the Safety position and don't place your finger on the trigger.





- There are possible cases that no firing occurs after pulling the trigger in the semi auto mode. In This case, do not pull the trigger furiously. Fire 5 to 6 shots in the full auto mode and then return to the semi auto operation.

- Never use any used BB bullets.

- Smell may be generated from the motor for a while when a new air gun is operated, this is the normal operation of the gun.

- The hopping up operation may be unstable for 200 to 300 rounds after using silicone oil, this is the normal operation of the gun.

FIRING (Confirm safety sufficiently before beginning firing.)

- Set the safety lever to Fire.
- Set the selector lever to Semi or Full Auto.
- Remove protective cap and pull trigger.

Remove the protective cap only when you are ready for firing the gun.

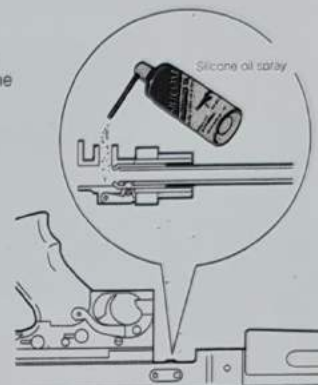
CAUTION A blank firing may occur at triggering after setting the magazine, this is the normal operation of the gun.

After Operation

Remove the magazine and dry fire the gun in the semi auto mode directing the muzzle to a safe direction. (Otherwise, the spring may be weakened.) Set the safety lever to the Safe position.

- Bullets may remain in the chamber even if the magazine contains no bullets (or if the magazine is not connected). (Two or three bullets may drop from the magazine, this is the normal operation of the gun.)
- Always disconnect the battery and attach the protective cap whenever you do not operate the air gun.

Always attach the protective cap during storage



Symptom	Cause	Action
no operation at all	Safety lever is set to Safety	Set the safety lever to FIRE
	Battery is not charged	Charge the battery
	Battery connector is disconnected	Connect the connector
	The (+) and (-) of battery connector is reverse	Connect the connector correctly (check the fuse).
	Fuse is blown out	Replace the fuse
	Expired motor life (50,000 to 60,000 rounds) or poor electrical connection	Replace the motor (purchasing from your dealer or us) or check and repair the contacts
Although motor is revolving no bullets jump out	Bullets are clogged inside the magazine	Insert the charging rod into the magazine and move up and down a few times to remove clogged bullets.
	Bullets are clogged in the chamber	Remove clogged bullets using the cleaning rod.
	Faulty gear	Purchase the replacement gear from your dealer or us and repair
Inoperative full-auto operation (Automatic firing)	Insufficient battery power	Charge the battery.
	Faulty bullet feed or magazine	Repair clogging of the magazine.
	Poor electrical connection	Consult your dealer or us for overhaul maintenance or repair.
Inoperative 1/2 semi-auto operation (1/2 mode shot)	Deviation in gear timing	Set to semi auto after firing 5 to 6 rounds in full auto

Symptom	Cause	Action
Inoperative 1/2 semi-auto operation (1/2 mode shot)	Insufficient battery power	Charge the battery.
	Poor electrical connection	Consult your dealer or us for overhaul maintenance or repair.
Automatic firing cycles become long	Insufficient battery power	Charge the battery.
	Worn or damaged chamber packing	Consult your dealer or us for overhaul maintenance or repair. Replace the chamber packing, piston packing (O-ring) and piston assembly.
	Worn or damaged piston packing (O-ring)	
	Deteriorated piston spring	
	Faulty BB bullets (too small or heavy)	Use the genuine SNOW WOLF BB bullets.
	Shortage of silicone oil	Drop a few drops of silicone oil from under the chamber.
	Gear problem caused by too many blank firing	Consult your dealer or us for overhaul maintenance, part replacement (gear, etc.) or repair.
	Worn or damaged gear	
Too fast operating noise	Gear problem caused by too many blank firing	
Bullets being blown out from barrel end	Worn or damaged chamber packing	
	Faulty BB bullets (too small)	Use the SNOW WOLF genuine BB bullet.
Being wet by or dripped into water (rain)	Stop operation immediately, disconnect the battery, wipe off water from inside the main body and the battery, and, after complete dry, carry out trial firing. If no operation or malfunction is detected, consult your dealer or us for repair.	

CAUTION

- If the hop up is adjusted excessively causing clogging of bullets, immediately stop operating the gun, return the dial to Normal, fire 2 or 3 shots and readjust.

CAUTION

- Since a precision tight barrel is used, use of dirty bullets or those with burrs causes clogging of bullets and possible fatal damage to the mechanical box and system.

CAUTION

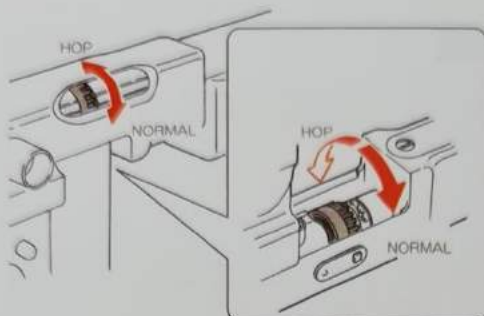
- Never hold the gun sideways as the BB bullets will curve right or left. This is due to the HOP-UP system.



Variable Hop Up System

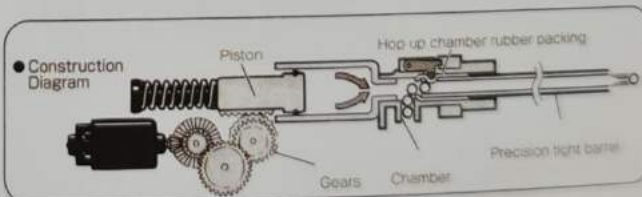
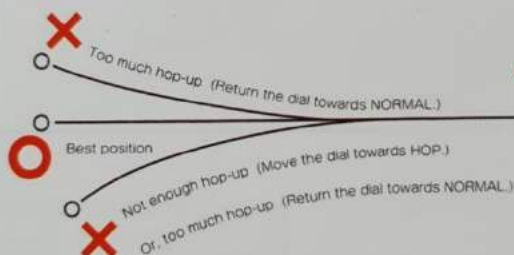
By producing a back-spin on the BB bullets, this system allows for straighter and longer distance shooting than normal air guns. Unlike the fixed type, the SNOW WOLF variable hop up system permits one-touch adjustments using the dial and lever, making it an ideal hop up system.

Adjustment Procedure



- Gradually move the adjustment dial towards the front to apply hop-up. (The best setting is when BB bullets fly horizontally.)
- Turning excessively adversely affects the trajectory. So, stop turning the dial when bullets fly horizontally.
- The hop up dial can only be turned a certain amount. Turning it too much will damage it.

- The best position is where the bullets fly horizontally, and the longest flying distance is obtained.



When Hopping Up is Improper

Symptom	Cause	Action
Bullets flying upwards	Too much hop setting	Gradually return adjustment dial towards Normal.
Short flying distance of hopping up effect	Too much hop setting	Gradually return adjustment dial towards Normal.
	Hop packing contaminated by oil or dirt	Fire bullets equivalent to 4 to 5 magazines or Clean the chamber using cleaning rod.
	Worn or damaged hop packing	Purchase the replacement part at your dealer or from SNOW WOLF and replace it.

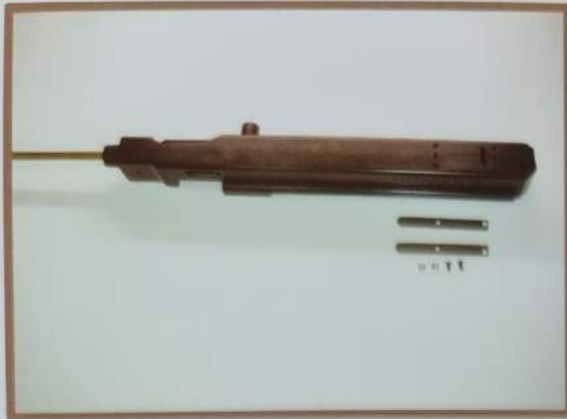
Symptom	Cause	Action
Cannot adjust	Damaged adjustment dial or other parts	Purchase the replacement parts from your dealer or from SNOW WOLF and replace.
Frequent bullet clogging	Too much hop setting	Gradually return adjustment dial towards Normal.
	Improper or too large sized BB bullets	Use the BB Bullet specified for the SNOW WOLF.
	Dirty hop packing	Clean using the cleaning rod or consult your dealer or SNOW WOLF for advice.



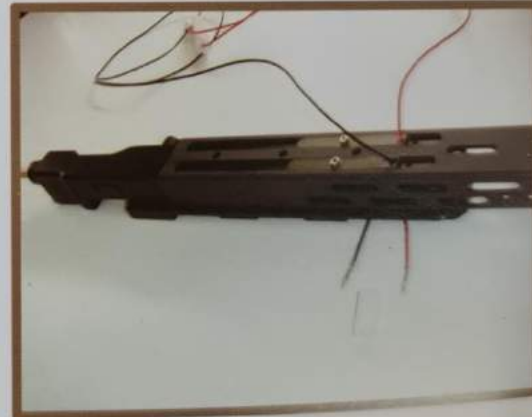


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GLUE



BLACK CABLE GO INTO SQUARE HOLE



CABLE MUST CONNECT WITH SAME COLOR

SW-11

CONNECTOR FITS
INTO RECESS



BATTERY TEST



PLUG IN

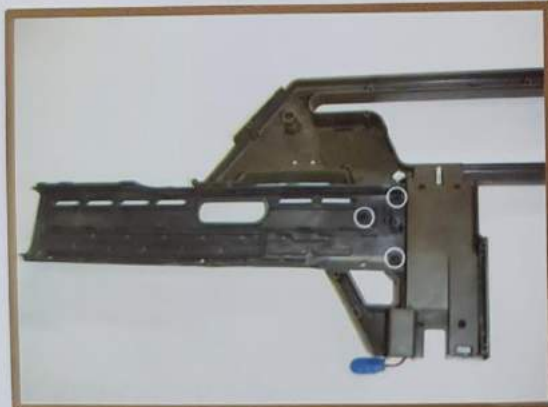


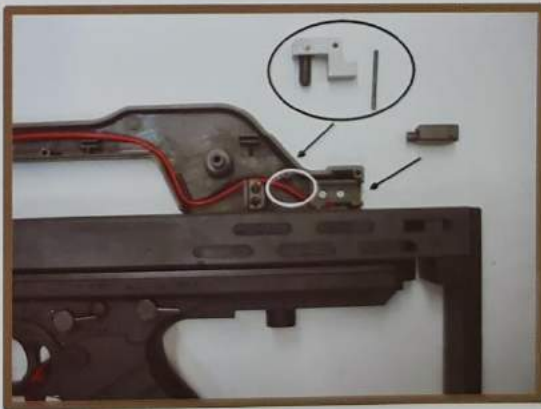
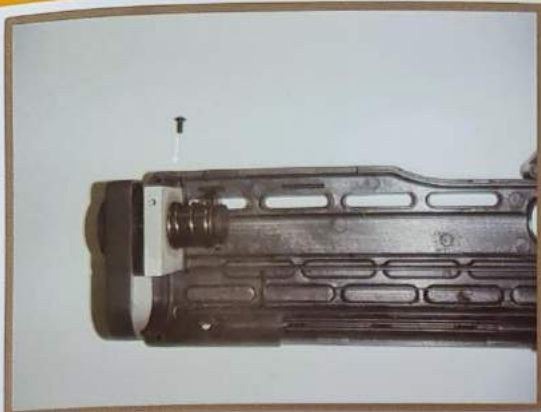
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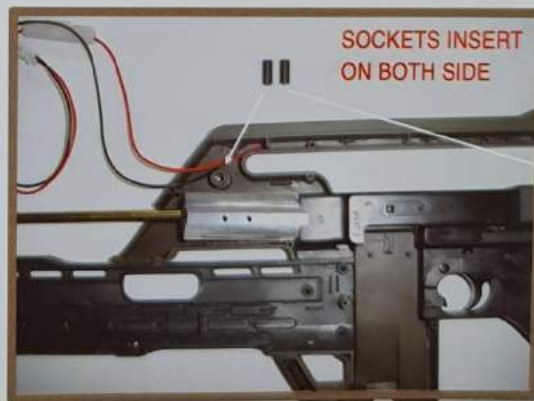
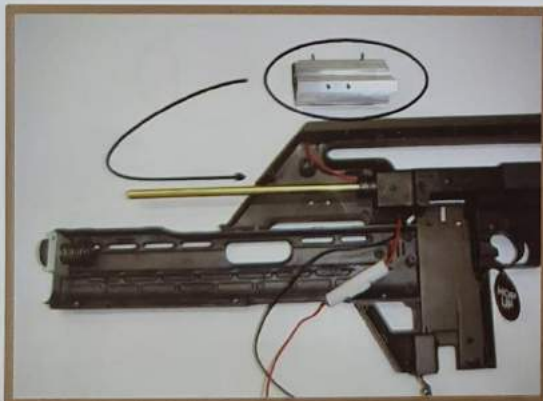
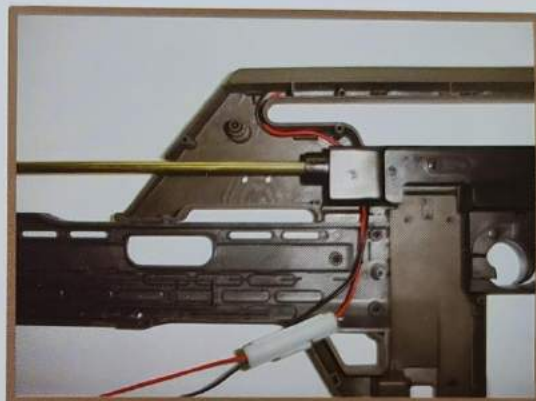
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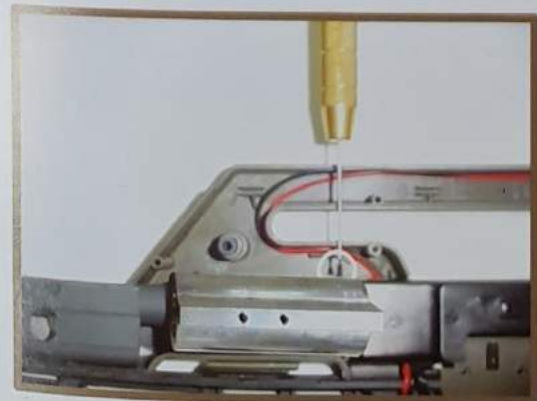
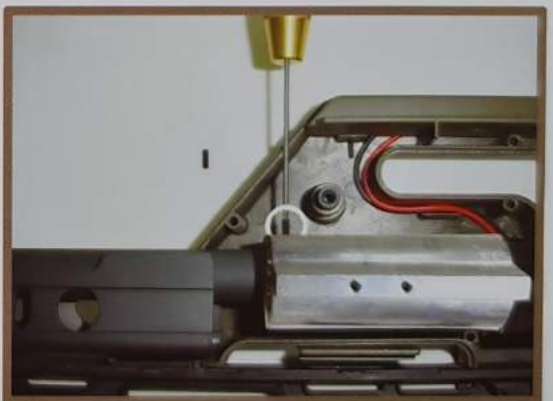
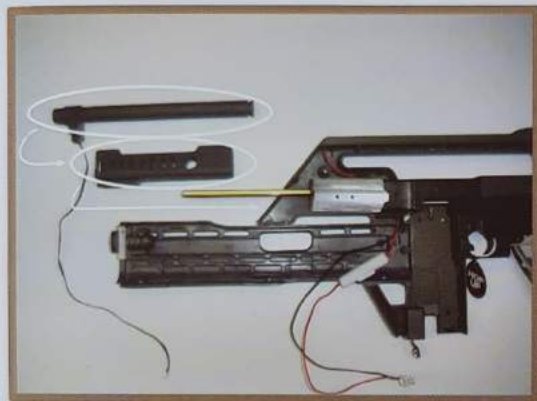


LUBRICATION





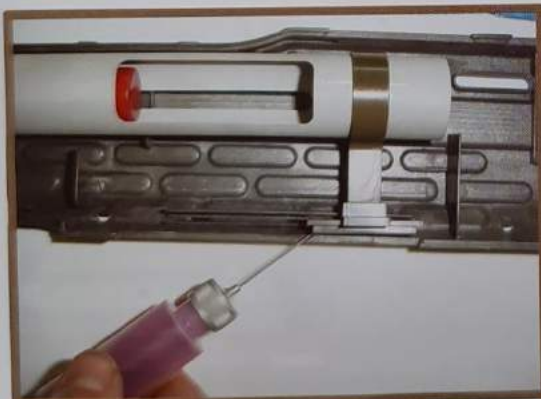
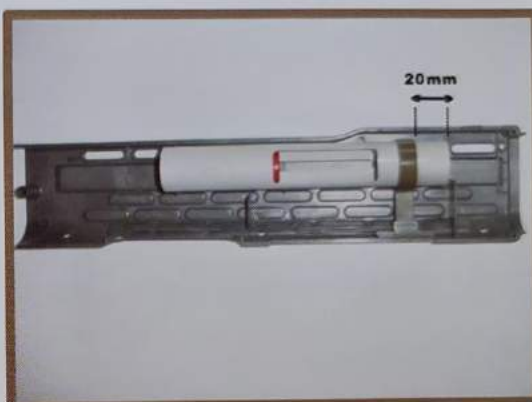
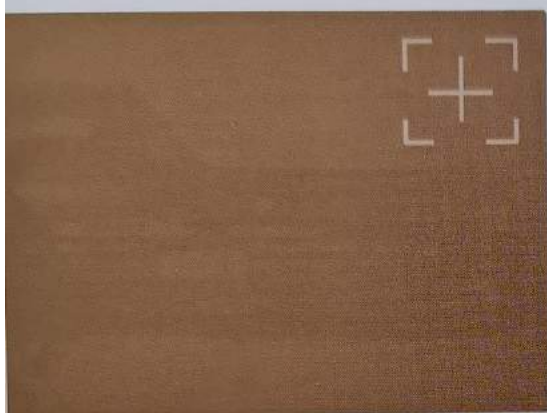




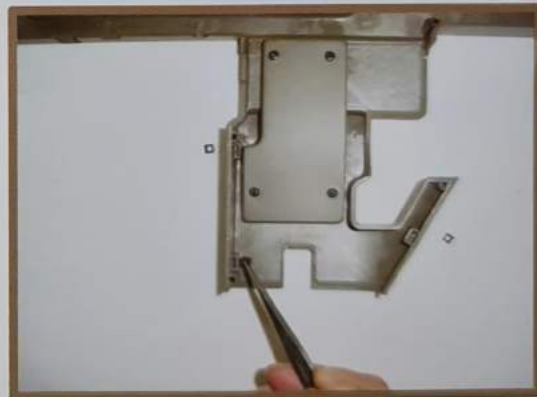
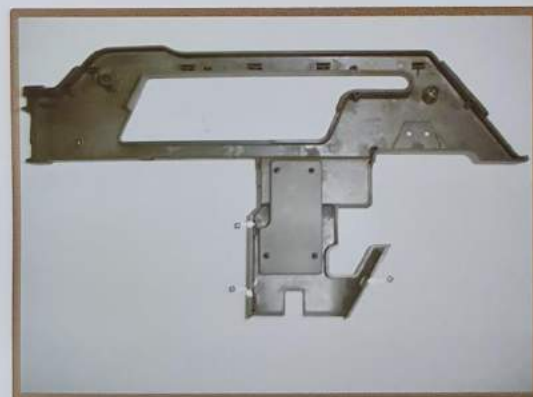


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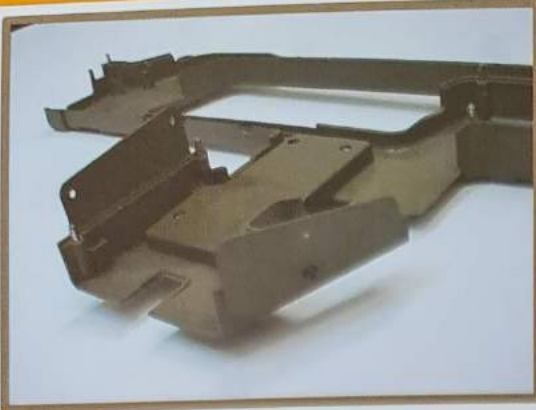
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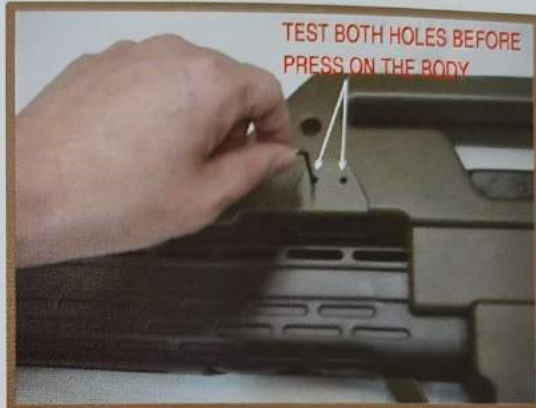
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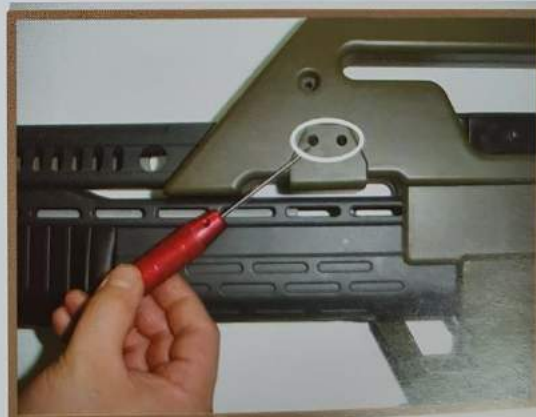
HANDLING
CAUTIONS AND
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PLACE AND TRY THE POSITION FIRST



PRESS START FROM HERE



SCREW ON BOTH SIDES



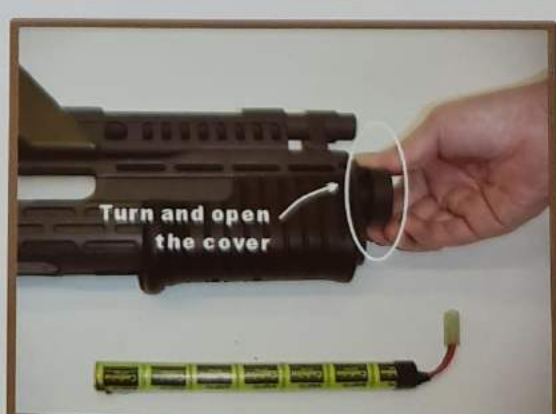
DON'T TURN THE BODY AROUND.
THE SOCKETS WILL DROP OUT.



THOMPSON SCREW



LOAD HI-CAP MAGAZINE



Turn and open the cover

