



B&T TP9-N

BT-30105-N

OPERATOR'S MANUAL



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Related documents	
PC-95278	Illustrated parts catalogue
SM-95278	Armors manual

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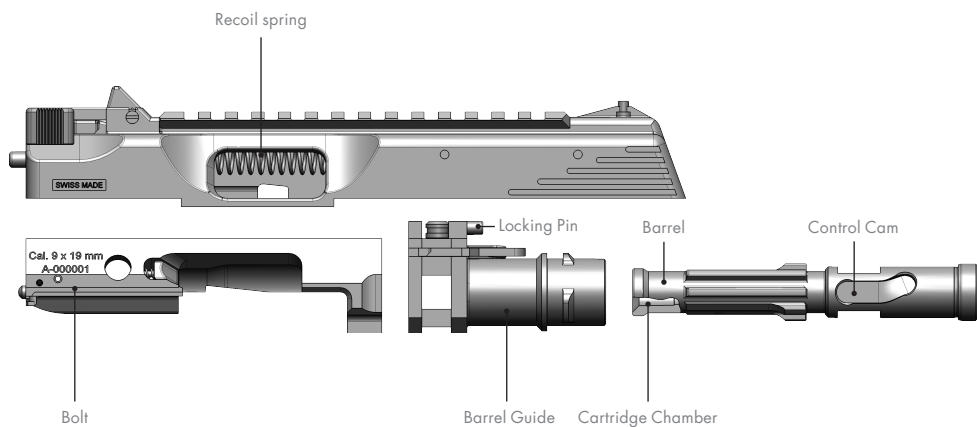
SAFETY INSTRUCTIONS

- Every weapon must be considered loaded, until verified individually by the operator as outlined in paragraph 'Making the Weapon safe'.
- Always keep the finger off the trigger and outside the trigger guard, it is advised to keep the trigger finger along side of the housing except when ready to fire.
- Always point the weapon in a safe direction.
- Before firing always verify the serviceability and condition of both the weapon and ammunition. Be especially careful that the barrel is free from all obstructions.
- Always wear hearing and eye protection when using this or any weapon.

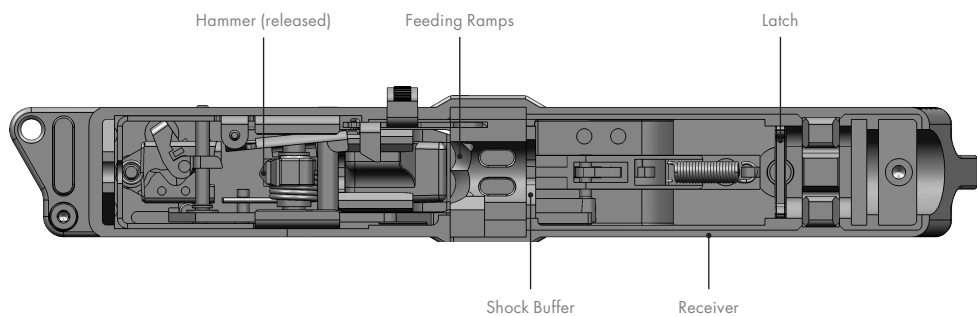
This operator's manual is supplied with each weapon.

NOMENCLATURE

UPPER RECEIVER

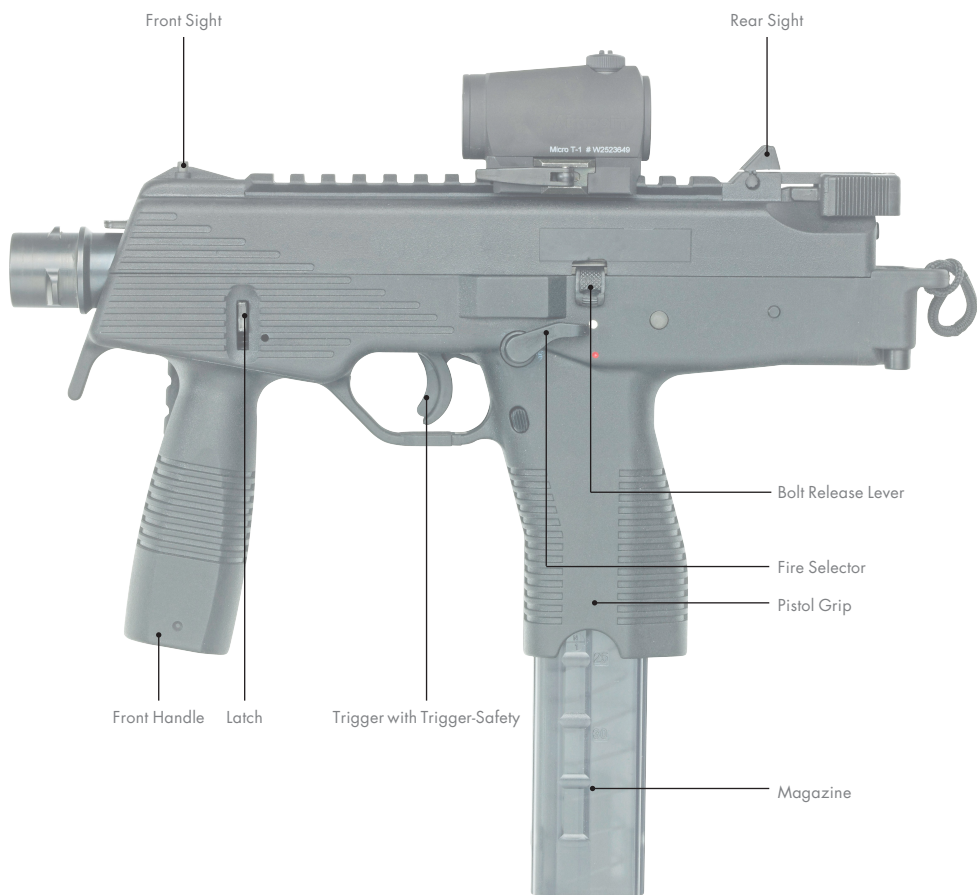


LOWER RECEIVER



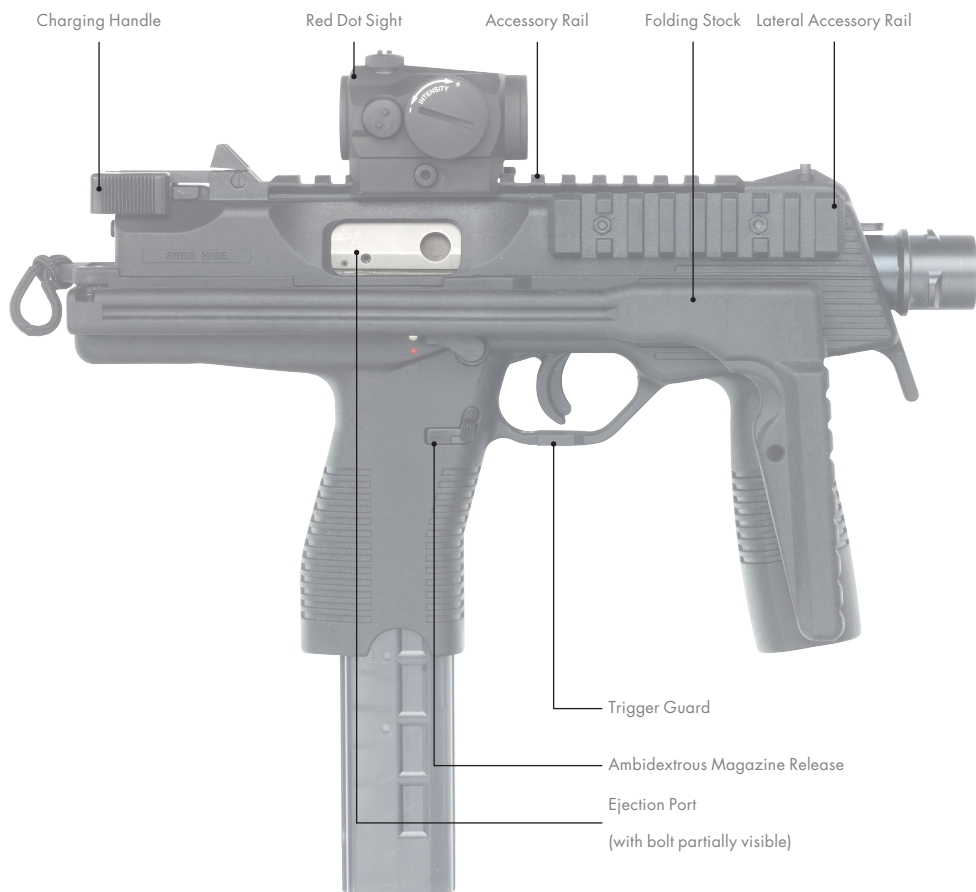
NOMENCLATURE

LEFT SIDE



NOMENCLATURE

RIGHT SIDE



TECHNICAL DATA

Caliber:	9mm x 19 NATO (370 m/s or 550 J with 124 grs FMJ)
Function:	Locking rotating barrel system
	Locked closed bolt action
	Blow back operated
	Bolt remains open after last shot
Safety system:	Manual safety
	Triple drop safety (action on trigger, sear & firing pin)
Firing modes:	Semi-automatic
	Ambidextrous fire selector
MRBF:	> 5'000
Magazines:	15, 20, 25 or 30 rounds, high-strength, translucent Polymer
Sighting system:	Aimpoint® Micro T-1 reflex sight, quick detachable
	Mechanical emergency sight, fully adjustable
Mechanical sight radius:	190 mm
Interfaces:	STANAG 4694 accessory rails on top and right side
Length:	523 mm (stock extended)
	303 mm (stock closed)
Height:	207 mm (with 15 round magazine)
	280 mm (with 30 round magazine)
Width:	45 mm (stock folded out)
	56 mm (stock closed)
Barrel length:	130 mm
Weight:	1.56 kg (w/o magazine)
Magazine weight:	240 g / 15 cartridges loaded (NATO 124 g)
	300 g / 20 cartridges loaded (NATO 124 g)
	370 g 25 cartridges loaded (NATO 124 g)
	440 g / 30 cartridges loaded (NATO 124 g)
Colors:	black, green, coyote tan

All product specifications are subject to change without prior notice. Published data are mean values and therefore not suitable acceptance criteria.

HANDLING AND OPERATOR PROCEDURES

MAKING THE WEAPON SAFE

To ensure that the weapon is safe

- 1) Engage manual safety (Fig. 1.1).
- 2) Press the magazine release and pull the magazine downward from the pistol grip.
- 3) Pull the charging handle completely to the rear and inspect that no cartridge is in the barrel (cartridge chamber).

To verify that the weapon is loaded

- 1) Pull the charging handle just far enough back so that a loaded cartridge can be viewed in the ejection port (Fig. 1.2).



HANDLING AND OPERATOR PROCEDURES

MAGAZINE LOADING AND UNLOADING

Loading the Magazine

- 1) While holding the magazine in one hand, press the cartridge into the magazine follower with the thumb of the other hand until the cartridge is held in place by the lips of the magazine.
- 2) Repeat the procedure until the magazine is full. The top cartridge should be positioned on the right side of the magazine (Fig. 1.3).

Unloading the Magazine

- 1) Press the base of the lower cartridge with the multi-purpose tool supplied in cleaning kit until the upper cartridge drops out (Fig. 1.4).
- 2) Repeat the procedure one after another individually until the magazine is empty.
- 3) Allow the cartridges to fall on a soft surface and be inspected before further use.



HANDLING AND OPERATOR PROCEDURES

OPERATION OF THE BOLT RELEASE LEVER

To keep the bolt in the open position

- 1) Engage safety.
- 2) Remove the magazine.
- 3) Pull the charging handle to its rear most position (Fig. 1.5).
- 4) Press the bolt release lever upward.
- 5) Leave the bolt slide forward, until it is held in place by the bolt release lever.
- 6) Return the charging handle into original position.

To close the bolt

- 1) Press the bolt release lever downward, until the bolt rides forward.

Caution: Keep away the fingers from the ejection port when pressing the bolt release lever downward!

Fig. 1.5



HANDLING AND OPERATOR PROCEDURES

LOADING THE WEAPON

When the bolt is in the closed position

- 1) Engage manual safety.
- 2) Slide the loaded magazine into the pistol grip until an audible click is heard (Fig. 1.6).
- 3) Verify the magazine is well seated by slightly pulling downward on the magazine.
- 4) Vigorously pull back the charging handle and let it slide forward under its own power.
- 5) Verify weapon is loaded as outlined in paragraph 3 of „Making the Weapon safe“.

When the bolt is in the opened position

- 1) Engage manual safety.
- 2) Insert a loaded magazine into the pistol grip until there is an audible click.
- 3) Pull the magazine slightly downward to verify it is well seated.
- 4) Vigorously pull back the charging handle and let it slide forward under its own power (Fig. 1.7).
- 5) Verify weapon is loaded as in paragraph 3 of „Making the Weapon safe“.

The TP9 is now loaded, the safety on and ready to fire.



Fig. 1.6



Fig. 1.7

HANDLING AND OPERATOR PROCEDURES

UNLOADING THE WEAPON

- 1) Engage manual safety.
- 2) Press the magazine release with the thumb of the right hand. Pull the magazine down and out of the weapon.
- 3) Pull back the charging handle vigorously so that the cartridge is ejected from of the barrel.
- 4) Visually verify that there is not a cartridge still left in the chamber.
- 5) Ride the bolt forward with the charging handle.
- 6) Recover the loose cartridge.
- 7) Point the weapon into a safe direction, unengage the manual safety and pull the trigger – the hammer strikes audibly and re-engage safety.

By now the MP9 is unloaded, uncocked and the safety is engaged.

CHANGING MAGAZINES

- 1) A magazine change takes place when the weapon is loaded with a cartridge in the barrel.
- 2) Press magazine release button and grasp the magazine and pull downward from the pistol grip.
- 3) Insert a fully loaded magazine into the pistol grip until there an audible sound of the magazine release engaging.
- 4) Verify that the magazine is well seated by slightly pulling downward on the magazine.

HANDLING AND OPERATOR PROCEDURES

RELOADING THE WEAPON

- 1) Engage manual safety.
- 2) Reloading takes place when a weapon is fired until empty - the bolt is therefore held open by the bolt release.
- 3) Grasp the magazine and press the magazine release. While at the same time pull the magazine sharply from the pistol grip.
- 4) Insert a fully loaded magazine into the pistol grip until there is an audible sound of the magazine release engaging.
- 5) Verify that the magazine is properly seated by slightly pulling downward on the magazine.
- 6) Vigorously pull back the charging handle and let it slide forward under its own power.

FIRE SELECTION

- 1) The fire selector is an ambidextrous rotary lever with three positions where one is the SAFE position (white dot marking, refer to section „making the weapon safe“).
- 2) The operator slides the fire selector as illustrated onto either of the two positions marked by a pictogram:
1 red dot for single-shot fire (Fig. 1.8)
- 3) The operator selects which mode of fire is to be used by rotating the selector until it engages in the desired position.



HANDLING AND OPERATOR PROCEDURES

OPERATION OF THE FOLDING STOCK

Opening of the folding stock

- 1) Hold the weapon with the shooting hand at the pistol grip.
- 2) With the opposite hand take the folding stock and with a firm action pull it from its folded locked position (Fig. 1.10).
- 3) Swing the folding stock, until it is locked in the extended position.
- 4) Verify that the stock is fully seated in the locked position.

Closing of the folding stock

- 5) Hold weapon with the shooting hand at the pistol grip.
- 6) With the opposite hand hold the folding stock and press locking device button at the end of the receiver strongly upward (Fig. 1.11).
- 7) Rotate the folding stock, until it locks into its front position.
- 8) Verify that the stock is securely seated onto the weapon.

Fig. 1.10



Fig. 1.11



HANDLING AND OPERATOR PROCEDURES

FIRING POSITION

- 1) The weapon is fired with both hands; the firing hand is on the pistol grip and the support hand on the front handle. Keep the support hand on the vertical hand grip to avoid injury by accidentally being placed in front of the muzzle!
- 2) Place the trigger finger of the firing hand on the trigger and smoothly press to insure an accurate shot.



Fig. 1.12

HANDLING AND OPERATOR PROCEDURES

RED DOT SIGHT ADJUSTMENT

Refer to separate manual for all operating and maintenance actions on the red dot sight.

EMERGENCY SIGHT ADJUSTMENT

Left and Right Corrections

- 1) To zero shots to the right or left of the point of aim is made by the adjustment screw at the right side of the rear sight with a No. 1 screwdriver (Fig. 1.13).
- 2) One full turn of the sight adjustment screw in a clockwise direction changes the point of impact around 165 mm on 25 m to the left - therefore turn in the clockwise direction when point of impact is right off.

Up and Down Corrections

- 1) To zero shots above and below the point of aim disassemble the weapon as outlined in paragraph „Field Disassembly and Maintenance“.
- 2) The zeroing of a shot above or below of the point of aim is done by the adjustment screw on the inner side of the upper housing group with a No. 0 screwdriver (Fig. 1.14).
- 3) One full turn of the adjustment screw in a clockwise direction changes the point of impact about 90 mm on 25 m downward – therefore turn in a clockwise direction for a high shot.
- 4) After performing out this correction reassemble the weapon in accordance with procedure of „Field Reassembly“ and check function as in paragraph „Function Check“.



Fig. 1.13



Fig. 1.14

BASIC DISASSEMBLY, CLEANING AND ASSEMBLY

FIELD DISASSEMBLY AND MAINTENANCE

Field Disassembly

- 1) Unload the weapon - the weapon is now unloaded, safe and cocked.
- 2) Open the folding stock.
- 3) Press the latch downward and slide the bolt into foremost position (Fig. 2.1).
- 4) Press the guide rod and gently lift the upper housing on (Fig. 2.2).
- 5) Press the detent plate and remove upper housing with barrel assembly upward in a straight movement (Fig. 2.3).
- 6) With light pressure push the bolt and barrel assembly to the rear of the top cover and lift them out (Fig. 2.4).
- 7) Hold barrel assembly and slowly separate from the bolt, until barrel and bolt are in two pieces.



BASIC DISASSEMBLY, CLEANING AND ASSEMBLY

Field Cleaning

- 1) Use copper brush to clean barrel.
- 2) In case of strong carbon build up in the barrel guide, proceed with paragraph "Full Disassembly".
- 3) Clean carbon off the bolt with a copper brush. Wipe all metal surfaces with oily rag.
- 4) Separate the recoil spring from the guide rod and wipe with an oily rag.
- 5) Wipe the feeding ramp completely free of dirt with an oily rag.
- 6) Brush with a nylon brush all exposed surfaces and pay particular attention to the sights to ensure these are free of dirt.

BASIC DISASSEMBLY, CLEANING AND ASSEMBLY

FULL DISASSEMBLY AND LUBRICATION

Caution: The full disassembly releases the locking pin – loosing it makes the weapon useless!

Full Disassembly

- 1) Follow the steps in accordance with section „Field Disassembly“.
- 2) Push the detent plate with the multi-purpose tool and pull the locking pin upward from the barrel guide (Fig. 2.6).
- 3) Draw the barrel forward from the barrel guide.
- 4) Pull and separate the recoil spring and guide rod from the top cover.
- 5) Draw back the charging handle to the rear and separate it from the top cover.

Full Maintenance

- 1) Clean the barrel in accordance with 1-2 of „Field Cleaning“.
- 2) Clean thoroughly the carbon from the inside of the barrel guide with the multi-purpose tool (Fig. 2.7). Apply oil to the areas of strong build up to break down the carbon.
- 3) Wipe all metal surfaces with an oily rag.
- 4) Inspect all visible surfaces for crack or defect and clean with a nylon brush clean. Clean the inside of the barrel guide with multipurpose tool and copper brush supplied in the maintenance kit. In the case of strong carbon build up first oil the parts and scrape off the excess fouling (Fig. 2.8). Wipe all surfaces with oily rag
- 5) Apply one drop of oil to the designated individual points (Fig. 2.9 - 2.11).



Fig. 2.6

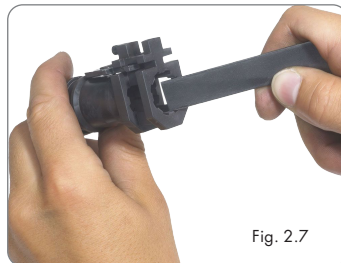


Fig. 2.7



Fig. 2.8

BASIC DISASSEMBLY, CLEANING AND ASSEMBLY

Full Reassembly

- 1) Insert the barrel into the front of barrel guide in such a way that the locking pin can engage the control cam.
- 2) Push the detent plate with the multi-purpose tool and slide forward the locking pin with the flattened side up (groove to the left). Align the barrel in such a way with the free hand that the locking pin fits into the control cam (see Fig. 2.12).
- 3) Insert the charging handle.
- 4) Assemble the guide rod and recoil spring.
- 5) Continue on as outlined in accordance with 1-7 of paragraph „Field Reassembly“.

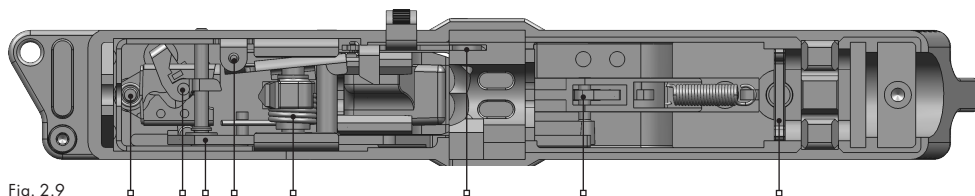


Fig. 2.9

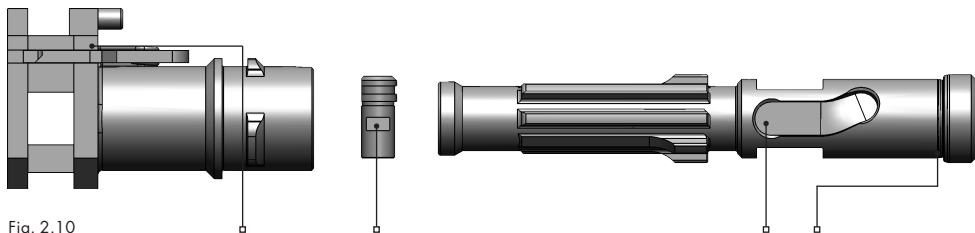


Fig. 2.10

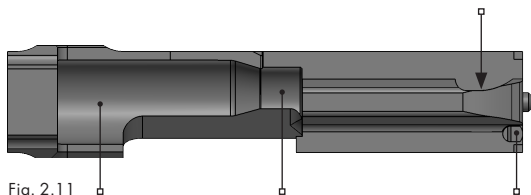


Fig. 2.11

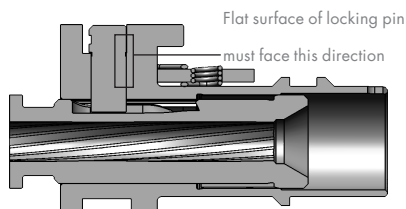


Fig. 2.12

BASIC DISASSEMBLY, CLEANING AND ASSEMBLY

FUNCTION CHECK

Caution: Make the weapon safe before executing procedure!

- 1) Check the folding stock that it properly closes.
- 2) Check the folding stock that it locks open securely.
- 3) Insert an empty magazine and pull downward ⇒ the magazine release must hold securely.
- 4) Leave the empty magazine in the gun, pull the charging handle to the very rear and release ⇒ bolt release lever must hold the bolt open.
- 5) Push left magazine release button ⇒ magazine must become loose.
- 6) Insert same magazine again until retained and push right magazine release button ⇒ magazine must become loose.
- 7) Remove magazine and press bolt release ⇒ bolt must ride forward. Steps 3 to 5 must be performed with each individual magazine.
- 8) Rotate selector to safe position and press the trigger ⇒ hammer shall not strike.
- 9) Rotate fire selector on single-shot and press the trigger ⇒ hammer must audibly strike.
- 10) Keep the trigger pressed, pull the charging handle completely to the rear and slowly return it to the forward position. Release the trigger and press ⇒ hammer again must audibly strike.
- 11) Keep the trigger pressed, pull the charging handle to the rear and slowly return it to the forward position ⇒ hammer must audibly strike as soon as the bolt reaches the foremost position.
- 12) Check sighting devices for proper function.

In case of any failure, disassemble the weapon according to the following procedures and inspect for proper assembly. Adjust or replace failing part.

MALFUNCTIONS AND IMMEDIATE ACTION

MALFUNCTION 1

Hammer strike does not fire a shot. Measures:

- 1) Strike the bottom of the magazine with the palm of the support hand.
- 2) Pull the charging handle completely to the rear to and let it ride forward.
- 3) Inspect ejected cartridge later.

MALFUNCTION 2

Pressing the trigger does not make strike the hammer. Measures:

- 1) Remove the magazine and inspect it individually later.
- 2) Pull the charging handle to the rear and verify that there are no more cartridges and/or cases in the chamber.
- 3) Insert a fresh magazine into the pistol grip until hearing the sound of the magazine release engaging.
- 4) Pull the magazine downward to assure it is firmly seated.
- 5) Pull the charging handle to the rear and allow the bolt to slam forward under it's own power.

Note: Heavy carbon build up can induce the bolt can jam shut. By means of placing a case or cartridge in the small round whole in the bolt can it be forced open again as illustrated below (Fig. 3.1).



ACCESSORIES

ADAPTOR LIGHT LASER

Performance:

- Provides additional interface for IT M3, M6 and similar laser light modules.
- Reduces muzzle flip as secondary effect.

Part number: BT-30120



Fig. 4.1

ACCESSORIES

SOUND SUPPRESSOR

Performance:

- Reduces muzzle flash.
- Attachment for under barrel laser/light module.
- Sound reduction:

Ammunition	without suppressor	with suppressor	Sound reduction
9mm x 19 Standard	163 dB A	133 dB A	30 dB A
9mm x 19 Subsonic	160 dB A	126 dB A	34 dB A (with water)

Part number: SD-988401



Fig. 4.2

ACCESSORIES

BRASS CATCHER

Performance:

- Attaches to side rail top covers.
- Recommended in sensitive environment such as vehicles or helicopters.

Part number: BT-30110



Fig. 4.3

ACCESSORIES

DUTY HOLSTER

Part number: BT-30339R (right hand) / BT-30339L (left hand)



Fig. 4.4

ACCESSORIES

HIGH RIDE HOLSTER

Part number: BT-30341R (right hand) / BT-30341L (left hand)



Fig. 4.5

ACCESSORIES

TACTICAL HOLSTER

Part number: BT-30332R (right hand) / BT-30332L (left hand)



Fig. 4.6

B&T MP9-FX (SIMUNITION® FX® / CQT® / UTM®)

OVERVIEW

Part number: BT-30106 (FX® / CQT®)
BT-30451 (UTM®)



Fig. 4.7

B&T MP9-FX (SIMUNITION® FX® / CQT® / UTM®)

SAFETY INSTRUCTIONS

Make sure there is no live ammunition present during training.

Every present individual on a Simunition® training scene (e.g. instructors, video operators) have to carry Simunition® protective gear.

TECHNICAL DATA

Function:	Blowback System
	Bolt remains open after last shot
Ammunition:	Simunition® 9mm FX® / CQT® / UTM® only
Color:	Blue

DISASSEMBLY

- 1) Remove barrel fixing screw and spring washer (Fig. 4.7)
- 2) Proceed as with B&T MP9/TP9.

SPARE PARTS

Parts (differing from B&T MP9/TP9):

Pos.	Designation	Part No.	Pos.	Designation	Part No.
1	Receiver (Empty)	BT-30243	7	Ramp	BT-30262
2	Top Cover	BT-30237	51	Recoil Spring.	BT-30278
4	Barrel Guide	BT-30245	59	Magazine Body 30 rds	BT-30252
5	Barrel FX® / CQT®	BT-30241	65	Barrel Fixing Screw	BT-30246
5	Barrel UTM®	BT-30430	66	Spring Washer	BN796-M10
6	Bolt	BT-30239			

B&T MP9-M (MANIPULATION)

OVERVIEW

Part number: BT-30289



Fig. 4.8

B&T MP9-M (MANIPULATION)

SAFETY INSTRUCTIONS

Make sure there is no live ammunition present during manipulation.

TECHNICAL DATA

Ammunition:	9mm Dummy Cartridges
Color:	Red

DISASSEMBLY

1) Use the same procedures as with B&T MP9/TP9.

SPARE PARTS

Parts (differing from B&T MP9/TP9):

Pos.	Designation	Part No.	Pos.	Designation	Part No.
2	Top Cover	BT-30450	14	Hammer	BT-30228
5	Barrel	BT-30564	18	Firing Pin	BT-30213
6	Bolt	BT-30206			

NOTES

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MANUFACTURERS WARRANTY INFORMATION

Warranty claims on behalf of the client are to be explicitly declared as such. During the legal warranty period, B&T provides warranty cover solely for defects that arise as a result of faulty materials, construction errors or poor workmanship. If a warranty claim is justified, B&T will, at its own discretion, either repair or replace the defective good. Costs incurred in transporting the defective good to B&T are borne by the Client. Spare parts fitted and replaced become the property of B&T.

Inasmuch as is legally permitted, any other liability of B&T is excluded, in particular liability for damages arising either directly or indirectly from the delivered good itself, from its use or from its defects.

Merchandise is covered by the warranty provisions of the manufacturer. Parts that are naturally subject to wear and tear, damage arising from insufficient maintenance work, non-compliance with operating regulations and cases of force majeure are all excluded from warranty cover. Warranty claims lapse if the Client itself or third parties alter or repair the delivered good without the prior written consent of B&T.

All product specifications are subject to change without prior notice. Published data are mean values and therefore not suitable acceptance criteria.

THE MANUFACTURER

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