



B&T USW-SFP CHASSIS

BT-430250

## OPERATOR MANUAL



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TM-430250\_USW-SFP-00-EN

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**Legal Advice!**



The assembly of a weapon may not be legal in your country or state. Always check the laws to ensure you are legally able to own and/or assemble in your location. In the United States all NFA rules apply.

**Advice!**



The weapon, the chassis and the accessories shown here may not be identical with your weapon, chassis or accessories. However, the installation is analogous.

## 1. General rules

READ MANUAL BEFORE USE.

### 1.1 General Firearm safety rules

1. Consider every weapon loaded until checked personally by the individual operator.
2. Always keep fingers off the trigger and outside the trigger guard until the sights are on target.
3. Always point the weapon in a safe direction.
4. Verify your target and the backstop.
5. Before firing always verify the serviceability and condition of both the weapon and ammunition.
6. Hearing and eye protection are mandatory..
7. Be sure to use NATO, SAAMI or CIP certified cartridges of correct caliber only.
8. If a cartridge fails to ignite, keep the muzzle pointed in a safe direction and open the chamber only after a minimum of 30 seconds.
9. Live fire training should be carried out in open or well-ventilated areas to prevent excessive exposure to toxic gases.
10. Operate your weapon consciously and do not use excessive force.

### 1.2 USW Chassis Safety rules

1. User installation or removal of the chassis must be carried out in accordance with the instructions contained in this manual.
2. Serious injury to the user may result from an improperly installed chassis.
3. Do not try to remove the cross bolt of the lock screw (see picture). Removal can cause serious injury. Reassembly is not possible without specialized tools

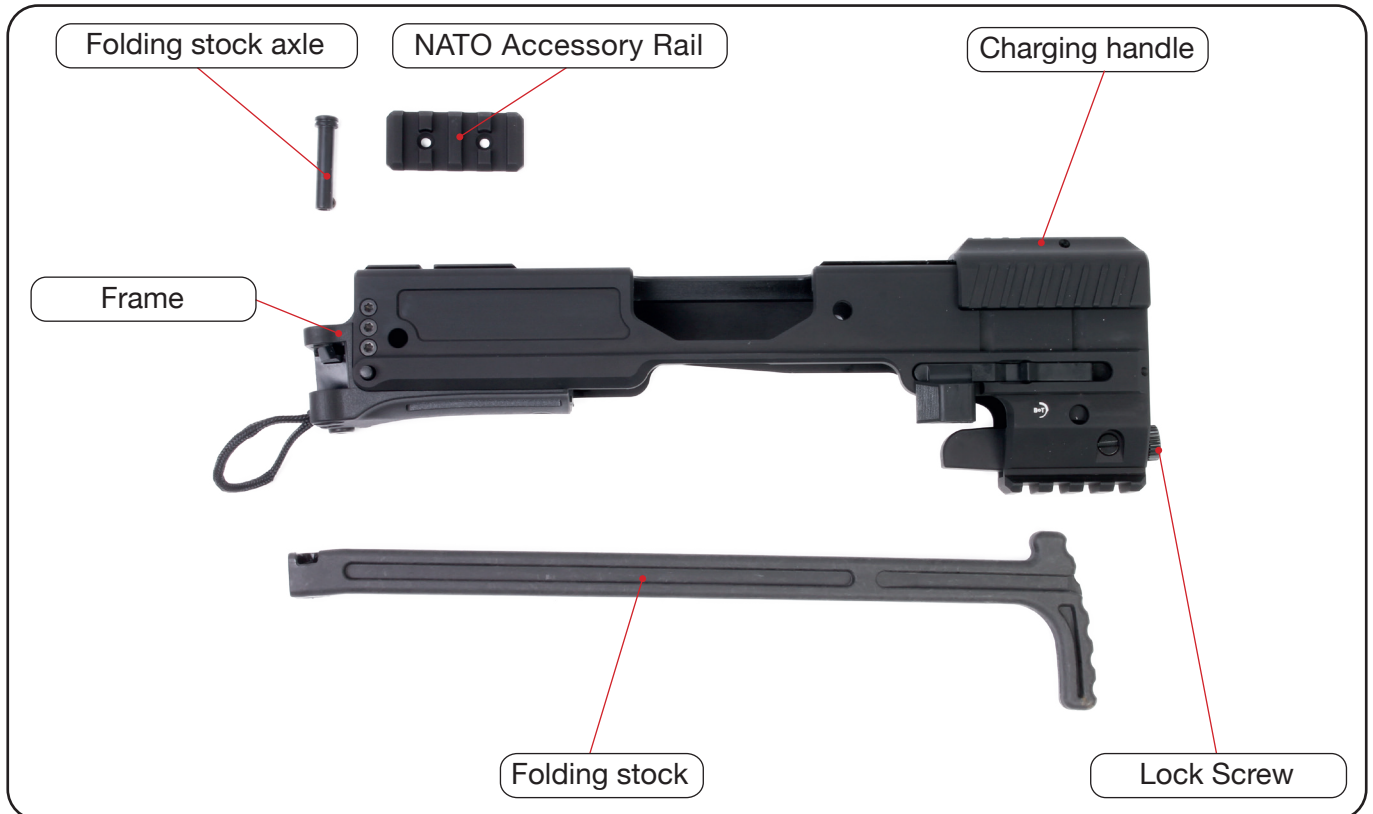


**SAFETY ADVICE!**

Keep the support hand always around the shooting hand to avoid danger of reaching in front of the muzzle



## 2. Nomenclature



### 2.1 Technical data

Designation	B&T USW-SFP
Manufacturer	B&T AG - Switzerland
Product ID	BT-430250
Width	55mm
Height	119mm (without Pistol)
Length min/max	280mm / 525mm
Weight	ca. 500g
Interfaces	Aimpoint ® ACRO / NATO Accessory Rail
Material	Aluminum / Polymer
Treatment	Hartcoat anodized
Color	Black
Scope of delivery	Chassis complete, NATO Accessory Rail for sight

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


### 3. Installation procedures

#### 3.1 Required tools

The following tools are required to install and/or maintain this B&T product:

- » SPF9 operating manual
- » 2 mm (.08") punch or similar
- » Trox key T10 (for installation of Accessory rail)

#### 3.2 Preparing Slide

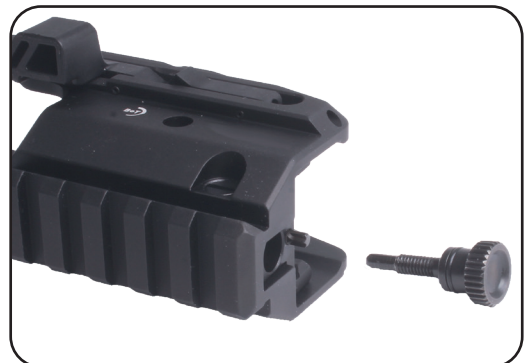
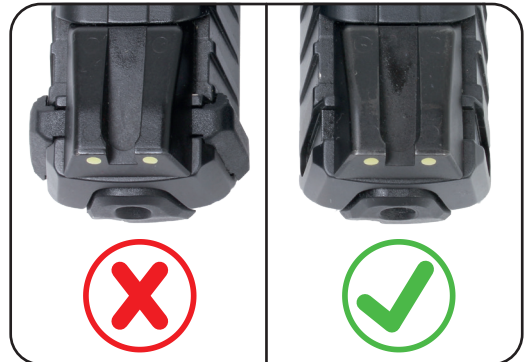
<b>Advice!</b>	
	Charging supports must be removed from slide

Removing the charging supports from the slide must be performed by a gunsmith or a firearms specialist.

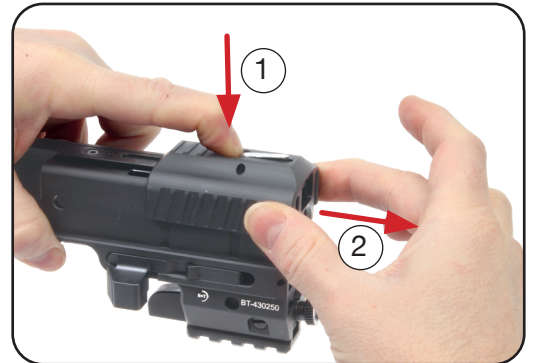
#### 3.3 Installation

- a. Remove the slide from the frame as described in the SFP9 manual.

- b. Unscrew the lock screw and remove it.



- c. Remove the charging handle by first pressing the lever on top of the charging handle and then lifting it forward of the chassis until it clears.



- d. Make sure the rail of the pistol is lightly lubricated.  
e. Insert the frame as shown in a very flat angle.



**Advice!**

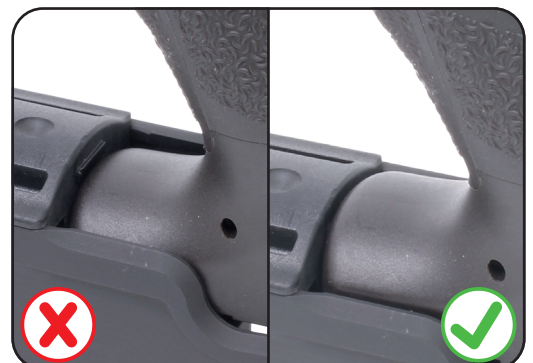


Do not tighten the lock screw yet.

- f. When the trigger guard contacts the chassis, press further forward against spring pressure until you can move the rear of the frame upwards as far as possible into the chassis.



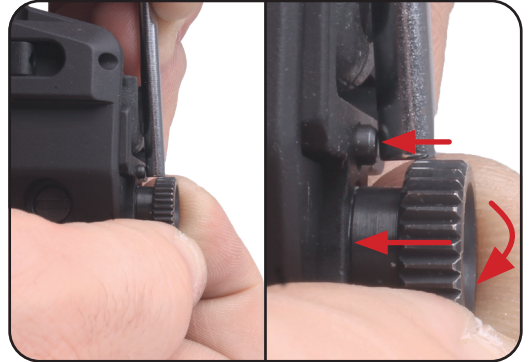
- g. Insure that the frame is inserted correctly in the chassis.  
h. If the frame is inserted to high, push it slightly forwards while pulling it down slightly until aligned as illustrated in the image.



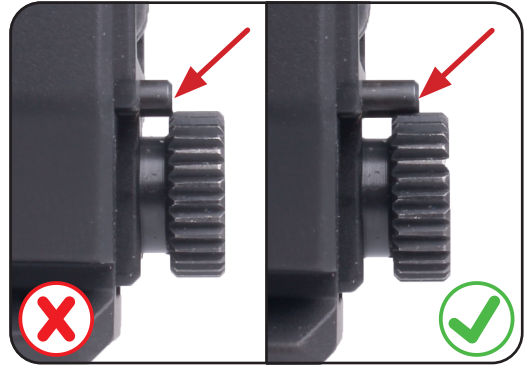
- i. Insert the lock screw and pressing down the locking pin with the 2 mm punch and tighten the locking screw.
- j. Remove the 2 mm punch.

**Advice!**

The locking screw must be tightened by hand, use of tools for tightening can cause damage to the chassis system or the weapon itself.



- k. If the locking pin is not snapped in, turn the locking screw until a snapping sound is heard.



- l. Insert the slide onto the grip and push it backwards until it locks. If you can not push the slide completely backwards into its locking position, slightly press the slide down through the ejection window of the chassis while pushing it backwards.



- m. Position the slide charging handle onto the chassis and move it backwards until it locks.

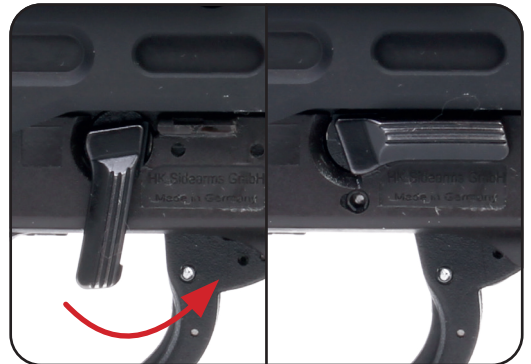




- n. Pull back the slide with the charging handle and lock it back with the slide release.



- o. Rotate disassembly lever upwards so that the lever lies horizontal to the bottom of the slide.  
p. Release the slide by activating the slide release.

**Advice!**

Perform a Function Check as it is described in the SFP9 Operators manual

**Disassemble in reverse order.**

### 3.4 Mounting NAR-Rail for sight

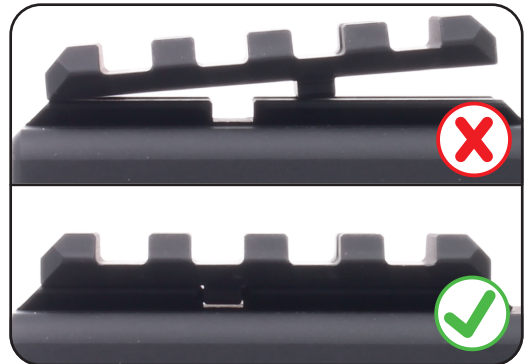
- a. Place rail segment on top of the frame.



**Advice!**



Make sure the rail segment is positioned the correct way



- b. Apply some medium strength thread locking adhesive (Loctite or similar) on the two mounting screws.  
c. Tighten the screws with 0.5 Nm



## 4. Warranty statement

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 product. 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, noncompliance 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.

### 4.1 MANUFACTURERS DISCLAIMER

The manufacturer is not responsible for improper usage of this product. This product is potentially dangerous, and as such it's the user's responsibility to understand and implement its proper use. If you don't understand the instructions in this manual please contact the manufacturer for further clarification.

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Notes: