



Read the instructions and warnings in this manual CAREFULLY BEFORE using this trigger.

Installing the slide release without support will result in irreparable damage of the frame.



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1 SAFETY INSTRUCTIONS

- Before handling the pistol, thoroughly familiarize yourself with all of its functions and handling characteristics by carefully reading the entire instruction manual. A copy of the instruction manual is available from www.carl-walther.com
- When performing a safety check, before cleaning the pistol, prior to shooting, or when accessing a malfunction, always check that the firearm is unloaded (magazine removed from pistol and chamber clear). Remove all live ammunition and loaded magazines from the area. Visually check that the bore of the barrel is clear of any obstruction and the magazine is empty.
- Never use force when operating, checking, fieldstripping, cleaning, or assembling the pistol. Incorrect handling will impair the functioning and safety of the pistol. The pistol must not be disassembled further than shown in this installation manual.
- Always have the pistol inspected by a qualified gunsmith if you suspect it is not functioning properly or has been damaged, such as by corrosion, being dropped, and so on.
- Any maintenance or service not specified in this manual must be performed by a qualified gunsmith using genuine WALTHER parts.
- Use genuine Walther parts.
- Improper or unauthorized adjustment of any component may affect the safety and reliability of the firearm and may cause serious injury or death.

DISCLAIMER OF LIABILITY

The first concern when handling any firearm is safety. There is always a risk of inadvertent property damage, serious bodily injury or even death. WALTHER disclaims any and all liability for damage arising from use a trigger upgrade. The same applies for damage arising from failure to follow the instructions in this manual, unauthorized replacement of parts or any other modification to the pistol not expressly provided for in this manual.

Note that the illustrations in this manual are for explanation purposes and may differ from the actual gun.

2 WARNING

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Personalizing a pistol with a trigger upgrade elevates selected WALTHER pistols to a match grade level.

Main advantage of a drop-in trigger is reduced take-up and trigger pull. A match grade trigger may fire due to impact or light contact with it. Due to the high risk of an unintentional discharge utmost care must be taken.



NOTE: Screw threads may have a special coating applied to prevent them from inadvertent loosening. Frequent adjustment of the screws may cause wear in the coating resulting in the screws needing to be replaced with new ones.

3 TOOLS

The following common tools and auxiliary means are recommended:

- Hammer, ca. 300 g
- Plastic Mallet
- 2 Wooden Blocks, ca. 20 x 30 x 100 mm
- Screwdriver 2.5 mm (for polymer frame pistols only)
- Drift Punch, 2 mm (5/64")
- Drift Punch, 3 mm (7/64")
- Gun Lubricant



NOTE: Actual package contents may differ from description in Instruction Manual.

4 SAFETY CHECK

Ensure that the pistol and magazine are unloaded before you start work. If the pistol was not correctly unloaded and cleared and a round is still in the chamber, it will fire when you pull the trigger.

DYNAMIC PERFORMANCE TRIGGER

5 REPLACING THE TRIGGER

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5.1 Frame Disassembly (Steel Frame)

5.1.1 Sear Housing (SF)

Perform a safety check. Then field strip the pistol.

Place the frame left side down on the two wooden blocks (Fig. 1). Use a 3 mm drift punch to drive the rear pin out of the frame.



Figure 1

Take up the frame. Lift the sear housing assembly upwards (Fig. 2) out of the frame. Do not try to pry the sear housing out by applying leverage on the ejector or the plastic part housing. This could damage the ejector or the sear housing. While lifting out the sear housing, pull the trigger a little to assist in removal.

If the trigger bar guide lever comes away from the sear housing assembly, it is reinserted into the guide hole on the right-hand side of the sear housing.



Figure 2

5.1.2 Slide Release (SF)

Insert an empty magazine into the frame's magazine well, so the slide stop lever is swiveled upwards during the next operation. Place the frame left side down on two wooden blocks. Do not block the left slide stop lever. Do not drive its left-hand side into the blocks. While the slide stop lever is swiveled upwards, apply a sharp blow with a 2 mm drift punch (Fig. 3) to disengage the slide stop shaft from the teeth of the right-hand slide stop lever.

Take up the frame. Remove the left slide stop lever from the frame.

Remove the right slide stop lever from the frame on the right by tilting it out of its guide. Remove the magazine.



Figure 3

5 REPLACING THE TRIGGER

5.1.3 Locking Block (SF)

Place the frame left side down on two wooden blocks. Use a 3 mm drift punch to drive the locking block pin 3x28 mm out of the frame (Fig. 4). Remove the locking block. Remove the trigger assembly.

You have completed the disassembly. In the following the trigger upgrade will be installed.



Figure 4

5.2 Installation and Reassembly (Steel Frame)

5.2.1 Locking Block (SF)

Insert the trigger from above into the frame. Insert the locking block into the frame (Fig. 5). Insert the left-hand slide stop lever into the frame from the left. Place the frame right side down on the two wooden blocks.

Do not block the 3 mm hole next to the locking block. Make sure the hole for the locking block pin is clear by looking through the hole, i.e. check that the trigger is not obstructing the hole.

Hold the locking block down as you install the spiral pin 3x28.

Remove the left slide stop lever. Center the spiral pin 3x28 with a 3 mm drift punch.

Insert the right hand slide stop lever (Fig. 6). Insert the left-hand slide stop lever into the frame from the left.

Ensure that the leg of the left slide stop lever is below the slide stop spring, while pushing the left slide stop lever against the right side. Press from the outside onto both, left and right slide stop lever, until resistance can be felt.



Figure 5



Figure 6

DYNAMIC PERFORMANCE TRIGGER

5 REPLACING THE TRIGGER

5.2.2 Slide Release (SF)

Place the frame left side down onto a wooden block. Support the left side in the area of the slide stop lever's shaft (Fig. 7). Only the flat part of the slide stop lever must be supported. Do not put the stepped part of the lever on the wooden block to avoid bending and breakage. Connect the two slide stop levers by light plastic mallet hammer blows in the area of the shaft on the right side, until the left-hand slide stop lever is just in contact with the frame.



Figure 7

5.2.3 Sear Housing

Then check the slide stop lever to ensure it moves easily and has spring tension pulling the lever back into the down position. Before inserting the sear housing assembly, check whether the trigger bar guide lever is (Fig. 8) fitted on the right on the outside of the sear housing. If necessary, insert the trigger bar guide lever with its pin into the hole provided for it on the sear housing.



Figure 8

Carefully guide the trigger rearward and pivot the trigger bar upwards out of the frame. Insert the angled end of the trigger bar into the aperture at the front of the sear housing assembly.



Figure 9

Keep the trigger pulled back and turn the frame away from you and upside down, so that the trigger spring protrudes from the sear housing assembly. Attach the rear loop of the trigger return spring onto the right-hand arm of the trigger bar.

Turn the frame back to standard orientation. Continue to insert the sear housing assembly from the top into the frame, taking care that the rear end of the trigger bar is positioned on the right hand side of the middle wall of the sear housing and that the front loop of the trigger return spring is in alignment with its channel in the housing (Fig. 9).

If the front loop of the trigger return spring is not aligned then correct this, before inserting the sear housing assembly completely.

5 REPLACING THE TRIGGER

Press the sear housing assembly right down. Hold the sear housing assembly down with a finger in order to avoid ejection of the assembly while you pull the trigger to check it is functioning.

Place the frame left side down onto two wooden block. Insert the sear housing pin 3 x 24 mm. Center the pin with a 3 mm drift punch.

Apply a thin layer of gun lubricant to the trigger bar, under the trigger bar guide.

Assemble the pistol and perform a function check (see §6).

5.3 Polymer Frame Specifics

TO REMOVE THE LOCKING BLOCK (POLYMER FRAME):

Remove the sear housing assembly and the slide stop lever as described in §5.1.1 and §5.1.2.

Press the trigger safety to disengage it and carefully guide the trigger rearwards.

Do not apply any force when doing so; this will impair the functioning of the trigger safety.

Remove the take down catch from the frame (Fig. 10).

Press the barrel lock slightly downwards and take the barrel lock pin out of the frame.

Remove the barrel lock and its compression spring from the locking block.

Remove the locking block and the trigger.



Figure 10

TRIGGER AND LOCKING BLOCK INSTALLATION (POLYMER FRAME):

Check if the slide stop spring is in place (Fig. 11), then insert trigger and locking block.

Secure the spring of the barrel lock using a little grease in the hole of the barrel lock to prevent it from falling out. Insert the barrel lock from above into the locking block. The slope of the barrel lock faces forward.



Figure 11

DYNAMIC PERFORMANCE TRIGGER

5 REPLACING THE TRIGGER

Ensure that the barrel lock spring goes into the countersunk (deepest) hole provided for the purpose inside the frame. To do so, rotate the barrel lock until its rearward facing step is only barely above the locking block.

Push the barrel lock down and insert the barrel lock pin from the side (Fig. 12).



Figure 12



Installing the slide release without support will result in irreparable damage of the frame.

Place the frame left side down onto a wooden block. Support the left side in the area of the slide stop lever's shaft (Fig. 13). Only the flat part of the slide stop lever must be supported. Do not put the stepped part of the lever on the wooden block to avoid bending and breakage.

Connect the two slide stop levers by light plastic mallet hammer blows in the area of the shaft on the right side, until the left-hand slide stop lever is just in contact with the frame (Fig. 14).

Carefully guide the trigger rearwards. If you feel resistance, do not apply any force when doing so. Pick up the take down catch with the two recesses in the middle facing rearwards. Attach the take down catch on the left to the barrel lock pin.



Figure 13



Figure 14

Use a 2.5 mm screwdriver to lever the other side of the take down catch over the right-hand end of the pin while holding the take down catch in position from underneath. Use your finger to press the take down catch from underneath against the frame while pressing the barrel lock downwards until the barrel lock pin engages in the hole of the take down catch.

Continue as described under §5.2.3.

Assemble the pistol and perform a function check (see §6).

6 FUNCTION CHECK

6 FUNCTION CHECK

Make sure the pistol and the magazine are unloaded.

Insert an empty magazine, retract the slide and verify the slide stop lever engages to lock open the slide.

Remove the magazine from the pistol.

Retract the locked-open slide. Verify the slide stop lever disengages and ease the slide forward.

Point the gun in a safe direction. Press and hold the trigger to the rear while racking the slide to verify the sear engages and holds the striker.

Release the trigger.

Point the gun in a safe direction, pull the trigger and listen for the striker to fall (audible click).

WALTHER



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⚠ WARNING

FROM THE MASSACHUSETTS ATTORNEY GENERAL:

This handgun is not equipped with a device that fully blocks use by unauthorized users. More than 200,000 firearms like this one are stolen from their owners every year in the United States. In addition, there are more than a thousand suicides each year by younger children and teenagers who get access to firearms. Hundreds more die from accidental discharge. It is likely that many more children sustain serious wounds, or inflict such wounds accidentally on others. In order to limit the chance of such misuse, it is imperative that you keep this firearm locked in a secure place and take other steps necessary to limit the possibility of theft or accident. Failure to take reasonable preventive steps may result in innocent lives being lost, and in some circumstances may result in your liability for these deaths.