

P99

WALTHER®



P99 AS
P99 QA
P99 DAO

Full Size/Compact

Instruction Manual

CDN

GB



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.
- 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). Visually check that the bore of the barrel is clear of any obstruction and the magazine is empty.
- When not shooting, keep ammunition stored separately from the pistol. Store each in separate and secure locations. Unauthorized persons, such as children, must not have access to either the ammunition or the pistol.
- Always treat every firearm as if it were loaded and would fire if the trigger is squeezed. Handle the pistol in a conscientious and professional manner so as to not endanger yourself or bystanders. Always keep the muzzle of the firearm pointed in a safe direction. Never point a firearm at anyone or anything you do not intend to shoot, whether or not it is loaded.
- Caution: Keep your finger off the trigger and outside of the pistol's trigger guard until you have aligned the pistol's sights on a safe target and you have made the decision to fire. Always be sure of your target and what is beyond it.
- Never use force when operating, checking, field-stripping, 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 instruction manual.
- Safety and correct functioning are assured only when the pistol and ammunition are in prime condition.
- 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.
- Always wear adequate and proper hearing protection and safety glasses specified for firearm use. Also make sure others in the vicinity of where you will be shooting are also wearing adequate and proper hearing protection and safety glasses.
- Your firearm has been designed for use with a specific type and caliber of ammunition. The correct caliber intended for use in the pistol is marked on the pistol. Use only ammunition corresponding to the caliber of the weapon and which conforms to the provisions of the Commission Internationale Permanente pour l'Epreuve des Armes à Feu portatives (International Proof Commission/C.I.P.) or Sporting Arms and Ammunition Manufacturers' Institute (SAAMI). When using reloaded ammunition do not exceed the permitted gas/chamber pressure according to C.I.P or SAAMI. Excessive pressure can damage or even destroy any firearm. Ammunition with velocities and pressures higher than those for which the weapon was designed will subject the weapon to additional stress, cause excessive wear, and may cause serious damage to the pistol.
- Before loading, always wipe off any excess grease and oil and make sure that the bore of the barrel is clean and clear of any obstruction.
- Do not alter, modify or replace any of the parts of the firearm unless specifically directed to do so in this manual. Any maintenance or service not specified in this manual must be performed by a qualified gunsmith using 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 of this firearm that is improper and contravenes statutory regulations. 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.

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NOTE

This manual refers to the use of the pistol by civilian users. Instructions for law enforcement use may differ from what is described in this manual.

Throughout this instruction manual, position designations such as "left," "right," "forward," "rear," and so on, are referenced to a pistol held in a normal firing position. In other words, pointed away from the shooter, barrel in a generally horizontal direction, and with the grip of the pistol pointing downwards.

Explanations in this manual are based on right hand operation. Left-handed users should operate vice versa.



2 Product Description

2.1 Main Features

The WALTHER P99 pistol is a magazine fed, semi-automatic pistol utilizing an internal striker system to fire the cartridge. Being absent of an external hammer and the slide having a smooth contour abates the pistol from snagging on clothing when concealed. The open post sights of the P99 are designed for rapid aiming and target acquisition. The P99 features a striker status indicator and a loaded chamber indicator, along with a trigger safety and automatic internal safeties. The frame is made from high-strength polymer and has an accessory rail incorporated to accommodate tactical lights and lasers, interchangeable grip-backstraps for varying hand sizes, and an ambidextrous magazine release integrated into the trigger guard. The P99 is available with one-sided or ambidextrous slide stop lever.

The P99 offers the choice between Full Size (FS) and Compact (C) frame sizes, available in either 9mm x 19, 9mm x 21 and .40 S&W. Trigger actions available are Anti-Stress, Quick-Action or Double-Action-Only.

Anti-Stress (AS): Traditional Double-Action/Single-Action trigger with Decocker.

Quick-Action (QA): The pre-set trigger action with short trigger travel and same trigger pull from the first to the last round, and Field-Stripping Aid.

Double-Action-Only (DAO): Double-Action Trigger with same trigger pull from the first to the last round. The striker returns to its de-cocked position after each shot.

The sole function of the trigger on the P99 pistol is to fire the cartridge. It is not necessary to squeeze the trigger prior to field-stripping.

Details of the different trigger actions will be further explained below and in section 8 "Technical Specifications".

2.2 Functional Description

The WALTHER P99 semi-automatic pistol operates on the short recoil, locked-breech system.

When the trigger is squeezed, the striker is released and the cartridge is fired. The cumulative gas pressure propels the projectile down the bore of the barrel and out of the barrel. The resulting impulse causes a rearward movement of the barrel and slide. The barrel and slide recoil together for a short distance, until the barrel is unlocked from the slide by the camming action at the lower rear of the barrel. The breech end of the barrel is drawn downward and the rearward movement of the barrel is stopped. The slide continues rearward, extracting the fired cartridge case from the chamber and ejecting it to the right.

After the slide reaches the limit of its rearward travel, the recoil spring brings the slide forward again, stripping a new round from the magazine and pushing it into the chamber. The cycle of fire is completed with the locking of the barrel to the slide. The trigger must be released and squeezed again in order to fire the next shot.

2.3 Package Contents

- | | | |
|---|--|---------------------------------|
| ✓Pistol in plastic case | ✓ Spare Magazine | ✓ Instruction Manual |
| ✓Backstraps in sizes S and L (P99 Full Size), or size S (P99 Compact) | ✓ Allen key and front sights of different heights (only for P99 with polymer sights) | ✓ Test Target
✓ Cleaning Rod |

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

2.4 Accessories

- Magazine, 20 round (9mm x 19)
- Magazine Loader
- Holster
- Lanyard
- Laser Aiming Devices
- Flashlights
- Color Marking Pistols (RAM or FX)
- Laser-Training Pistols and Dummies
- Cut-away Training Pistols
- Night Sights
- Steel Sights
- Rear Sight Adjustment Tool (for adjustment of steel rear sight)
- Suppressor-Kit (9mm x 19)
- 48N Recoil Guide Rod Assembly (weaker Recoil Spring for FS models)
- Grip Adapter (for Full Size Magazine in P99 Compact)

NOTE: Sales subject to local, state, and federal laws

2.5 Ammunition



WARNING: Never use ammunition not specifically designated for use in your weapon. Failure to use the specific cartridge intended for use in the P99 pistol may cause the pistol to jam, fail to fire or even generate excessive gas pressure which can damage or destroy the pistol, cause personal injury, death or property damage.

Locate the caliber designation marked on the pistol. This information indicates the ammunition specifically intended for use in the pistol (see 2.5 Figure 1).

Use only ammunition corresponding to the caliber of the weapon and which conforms to the provisions of C.I.P. or SAAMI (or certified according to "Technische Richtlinie Patrone 9mm x 19 schadstoffreduziert").



2.5 Fig. 1

Check your ammunition before shooting it. Use ammunition in prime condition.

A firearm and ammunition are a system and must work together. Their performance is closely related.

Different combinations of bullet velocity, bullet weight and firearm weight can have major impact on felt recoil; high felt recoil can be uncomfortable to some shooters.

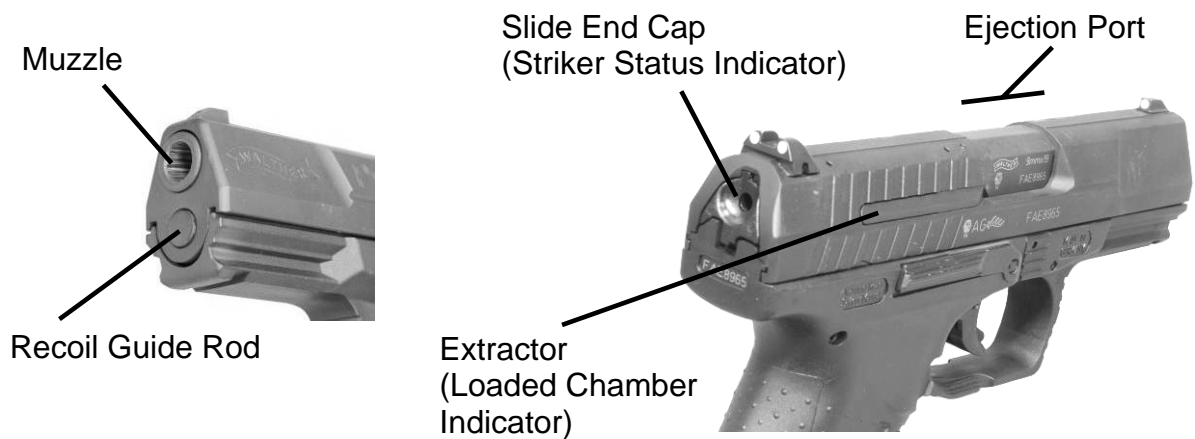
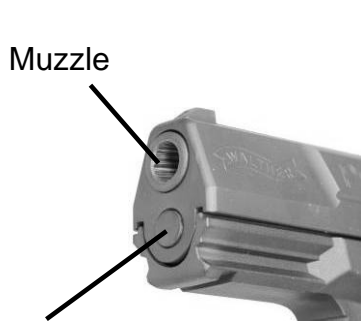
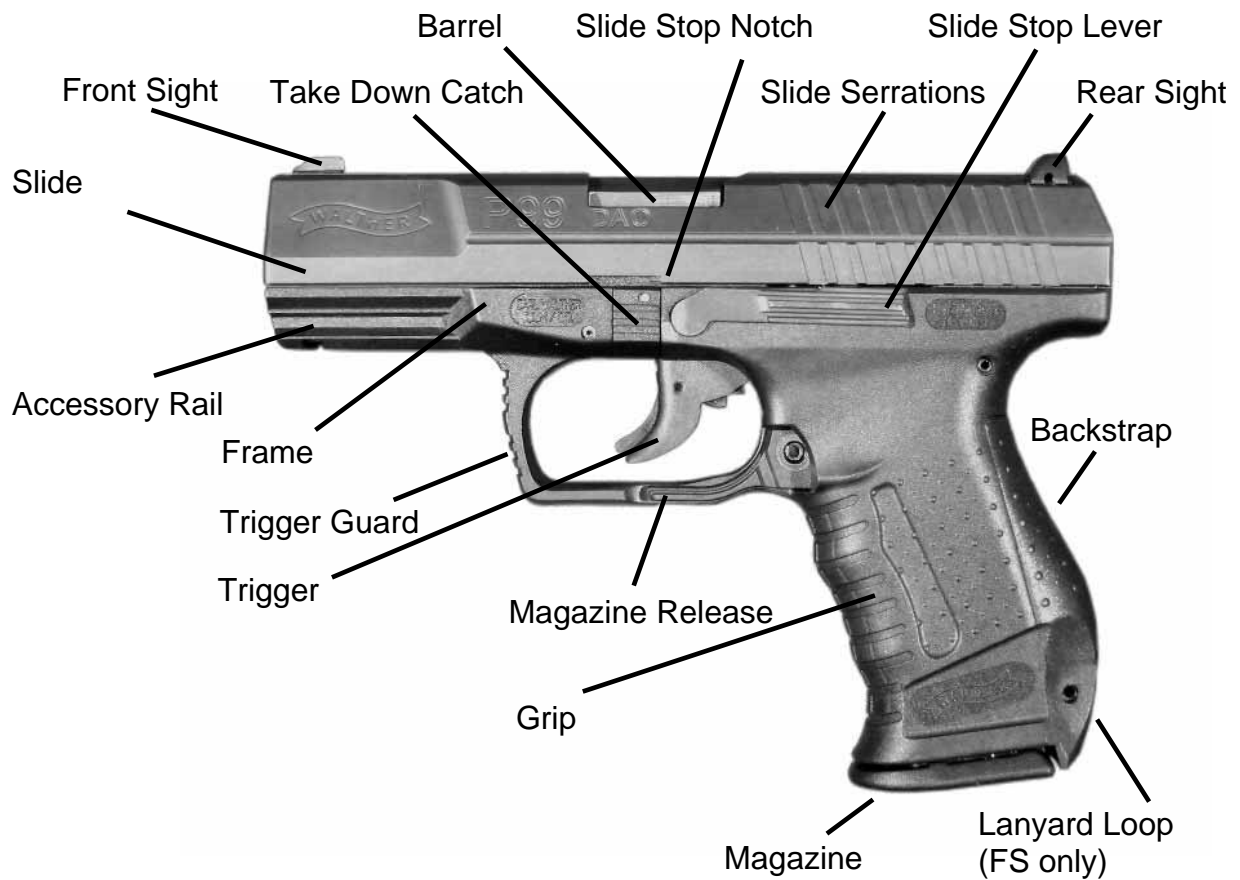
For example:

- Gun Weight: lower gun weight increases felt recoil.
- Bullet Weight: higher bullet weight increases felt recoil.
- Bullet Velocity: higher bullet velocity increases felt recoil.

To adjust yourself to higher levels of felt recoil, consider the following:

- Use a firm two-hand hold on the grip when firing.
- Always begin your shooting experience with the lowest bullet velocity and lowest bullet weight available for your firearm.
- Ask your firearm dealer to suggest the lowest power, lowest velocity, lightest bullet weight for your firearm.
- You can also consider changing your firearm's grip configuration/composition to better fit your hand's specific size and shape.

2.6 Functional Elements



2.6.1 Loaded Chamber Indicator

The loaded chamber indicator is on the right side of the slide.

The loaded chamber indicator can be observed when the rear of the extractor is recessed, revealing a red colored marking (2.6 Fig. 1).



2.6 Fig. 1



WARNING: Always treat every firearm as if it were loaded and ready to fire if the trigger is squeezed. Do not rely upon the loaded chamber indicator to verify the presence or absence of a round in the chamber. The surest method to determine the presence or absence of ammunition is to check the chamber of the firearm by removing the magazine and locking the slide in the open position.



WARNING: The amount of light, cleanliness of the pistol, and other factors may limit the effectiveness of the loaded chamber indicator. Cleaning solvents or wear may darken or remove the red color, or powder residue or dirt may cover it up. If you do not see the red dot, do not assume the chamber is empty. After first checking that the magazine has been removed, pull the slide back until you can look into the chamber and verify whether it is empty or not.

2.6.2 Striker Status Indicator

The P99 has a cocking indicator in the rear of the slide. The pistol uses an internal striker with a tip that protrudes out of the slide end cap when the striker is cocked.

- In the de-cocked state, the tip can be neither seen nor felt (2.6 Fig. 2, left side).
- The tip protrudes from the rear of the slide when the pistol is cocked (2.6 Fig. 2, middle).
- P99 QA: With pistol ready for service the tip is approximately 1 mm inside the slide end cap on P99 QA (2.6 Fig. 2, right side). It can be seen, but not felt.



2.6 Fig. 2, from left to right: de-cocked, cocked, partially cocked (P99 QA only)

2.6.3 Magazine Release

The magazine release is positioned on both sides of the trigger guard. The magazine release can be manipulated with either your thumb or opposing index finger.

Grasp the pistol with your finger off the trigger and outside the trigger guard. Depress the magazine release and remove the magazine.

If you find that manipulating the magazine release with your shooting thumb is cumbersome or difficult, try using the index finger of your shooting hand instead (2.6 Fig. 3).



2.6 Fig. 3

2.6.4 Slide Stop

Locking the slide in the “open” position:

Grasping the grip of the frame and with your finger off the trigger and outside the trigger guard, depress the magazine release, and completely remove the magazine. Firmly grasp the serrated sides of the slide from the rear with the thumb and fingers. While steadily holding the grip, briskly pull the slide fully rearward to extract any cartridge from the chamber and clear it from the pistol.



2.6 Fig. 4

To lock the slide in the open position, allow the slide to move slightly forward from the rearmost position while pressing upward on the slide stop (2.6 Fig. 4).

Releasing the slide from the slide stop:

Press down on the slide stop with the thumb of your shooting hand to release the slide and allow it to move fully forward.

For easier operation of the slide stop grasp the serrated sides of the slide from the rear and pull the slide to the rear while pressing down on the slide stop to release the slide and allow it to move fully forward.

2.6.5 Decocker (P99 AS)

The decocker offers a safe way of de-cocking the P99 AS. The decocker is routinely used to de-cock the striker. De-cock the P99 AS after loading, before holstering and prior to disassembly.

Press the decocker downwards into the slide until the striker is audibly and visually de-cocked (2.6 Fig. 5).

If you find that it is difficult or cumbersome to manipulate the decocker using your shooting hand’s thumb, or if you are left-handed, you should use the thumb of your non-shooting hand to do so.



2.6 Fig. 5



Always point the pistol in a safe direction during de-cocking.



Always de-cock the P99 AS before holstering. The de-cocked pistol remains ready for service using the Double Action trigger



WARNING: Pulling the slide rearward will cock the striker again.

2.6.6 Field-Stripping Aid (P99 QA)

The P99 QA can be field-stripped only after de-cocking: Press the Field-Stripping Aid downwards into the slide until the striker is audibly de-cocked (2.6 Fig. 6).

If you have trouble manipulating the Field-Stripping Aid with a finger, you should use the tip of a pen or other pointed object to do so.

The de-cocked P99 QA is no longer ready for service.



2.6 Fig. 6



Always point the muzzle in a safe direction during de-cocking.



WARNING: Pulling the slide rearward will cock the striker again.

3 Handling the Pistol

3.1 Inspecting the Pistol

- When you inspect the pistol, you should first check to ensure that it is unloaded. To do this, grasp the grip of the frame with your finger off the trigger and outside the trigger guard, point the muzzle in a safe direction, depress the magazine release and remove the magazine (3.1 Fig. 1).
- Grasp the serrated sides of the slide from the rear with the thumb and fingers as shown in 3.1 Fig. 2, and briskly draw the slide fully rearward in order to extract any cartridge from the chamber and clear it from the pistol.
Do not obstruct the ejection port because doing so can interfere with the proper ejection of a cartridge.
- Lock the slide in the open position by allowing the slide to move slightly forward from the rearmost position while pressing upward on the slide stop (3.1 Fig. 3).
- Check the chamber to verify that it is unloaded and check the bore visually that it is clean, dry, and free from any obstructions (3.1 Fig. 4).

You must follow this procedure every time the P99 leaves your hand, is cleaned, handed to you or another person, transported or stored.



WARNING: Never rely on mechanical features alone. Your proper handling of the pistol will ensure the safety of your firearm. Firearm Safety is always your responsibility.

3.2 Loading

3.2.1 Magazine

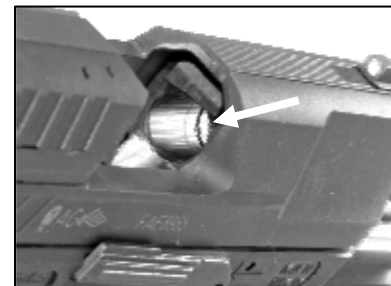
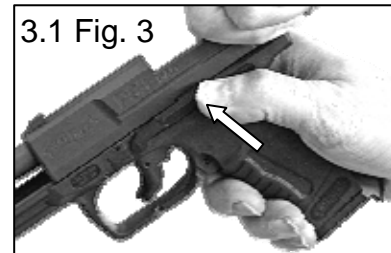
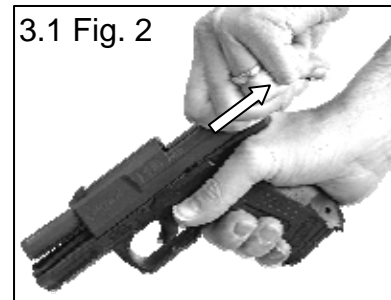
When the magazine is removed from the magazine well in the grip, the number of rounds can be seen in the witness holes.

With the proper adapter, Full Size magazines may be used on a P99 Compact. The adapter is an accessory item (3.2 Fig. 1).

The adapter changes the grip of a Compact to a more comfortable one, and allows for a higher magazine capacity.



CAUTION: To avoid damage to the ejector, use the adapter if a Full Size magazine is to be used in a P99 Compact.



3.1 Fig. 4



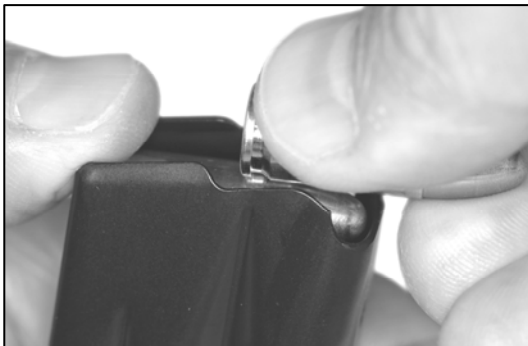
3.2 Fig. 1

3.2.2 Loading the Magazine



Do not attempt to load the magazine with more than the specified number of cartridges because doing so may cause a failure to feed a round of ammunition into the chamber. Do not use excessive force when loading the magazine, as this may damage the magazine. Damaged or defective magazines cause malfunctions and may cause improper functioning of the pistol.

Load the magazine by pressing a cartridge base (rear of cartridge) downward on the forward portion of the magazine follower (or downward on the case of a previously loaded cartridge) and sliding the cartridge fully under the lips of the magazine until the cartridge base is against the rear wall of the magazine. Repeat the procedure for



3.2 Fig. 2



3.2 Fig. 3



3.2 Fig. 4

the number of cartridges you wish to load, up to the magazine capacity (3.2 Fig. 2). Loading may be made easier with the aid of the WALTHER Magazine Loader: Put the magazine loader with its long wall oriented to the rear on top of the magazine (3.2 Fig. 3). Press down the magazine loader and insert a cartridge with your other hand (3.2 Fig. 4). Let the magazine loader go up again. Push in the cartridge completely with your hand. Repeat the procedure for the number of cartridges you wish to load, up to the magazine capacity.

3.2.3 Loading the Pistol

- Inspect the pistol as shown in section 3.1.
- Grasp the pistol with your finger off the trigger and outside the trigger guard, point the muzzle in a safe direction. Insert the loaded magazine into the magazine well of the pistol until it is locked in place.
To make sure that the magazine is fully and securely inserted, try pulling down on the exposed portion of the magazine floorplate. It should not move.
- Pull the slide fully to the rear and let go allowing it to move fully forward.
- After the slide is closed, press down the decocker (P99 AS only). Doing so resets the trigger action from Single Action to the safer Double Action mode.



WARNING: Always load a round into the chamber by feeding it from the magazine. Never attempt to load the pistol by inserting a round into the chamber via the open ejection port. Failure to follow this warning may result in severe injury or death to you or others.



CAUTION

THE PISTOL IS NOW LOADED AND READY TO FIRE.

The pistol and its magazine are now loaded and will fire when the trigger is squeezed. Remember to keep the muzzle pointed in a safe direction under all conditions and always keep your finger or any other object off the trigger and outside the trigger guard until you decide to fire the pistol.

Never leave a loaded firearm unattended or out of your direct control.

3.3 Firing the P99 DAO, P99 QA, and P99 AS

3.3.1 General

- Keep the muzzle pointed in a safe direction and your finger off the trigger and outside the trigger guard until you are ready to fire.
- How a handgun is gripped affects recoil and trigger control. Always ensure that you maintain a firm grip and proper alignment of the pistol. The design of the P99 frame offers a high degree of control permitting the shooter to obtain an elevated grip closer to the pistol's bore axis.
- With a firm grip, allow your finger to be placed squarely across the face of the trigger. Squeeze the trigger fully to the rear.

As the trigger is drawn fully to the rear, the striker is released, striking the cartridge primer. Upon firing, the slide moves rearward thereby extracting and ejecting the spent cartridge case. The slide then returns forward feeding the next cartridge from the magazine into the chamber.

- After firing you must allow the trigger to move fully forward before you can fire the next shot. Keep your finger off the trigger and outside the trigger guard until you are ready to fire again.

This sequence can be repeated until the last round has been fired.

- Once the last round has been fired, the magazine follower exerts upward pressure on the slide stop causing it to engage the slide and to hold it in the "open" position.



CAUTION: Wear adequate and proper hearing protection and safety glasses specified for firearm use.

Upon firing the pistol or releasing the slide from its stop, the slide moves with significant force and speed. To avoid injury, be attentive to the moving slide so as to not make contact with any part of your body.

3.3.2 Firing the P99 DAO

Firing is done as described above. After firing you must allow the trigger to move fully forward before you can fire the next shot. Failure to do so will prevent the lockwork from fully cycling, and will prevent the firing of the next shot.

This sequence can be repeated until the last round has been fired. Trigger pull and trigger travel is the same from the first to the last round.

If a cartridge fails to fire, the trigger may be squeezed again to fire the round.

3.3.3 Firing the P99 QA

Firing is done as described in section 3.3.1 "General". After firing you must allow the trigger to move forward before you can fire the next shot. Failure to do so will prevent the lockwork from fully cycling, and will prevent the firing of the next shot.

This sequence can be repeated until the last round has been fired. Trigger pull and trigger travel is the same from the first to the last round.



3.3.4 Firing the P99 AS

With the striker de-cocked, the first round will be fired in Double Action mode and subsequent shots will be fired in Single Action mode until you de-cock the P99 AS again.

3.3.4.1 P99 AS, Double Action Trigger

- Load the pistol and de-cock it. Keep the muzzle pointed in a safe direction. Keep your finger off the trigger and outside the trigger guard until you are ready to fire.



CAUTION: The striker will re-cock if the slide is moved to the rear by about 10 mm. The trigger will remain in its forward-most position (see Anti-Stress-Trigger below).

- While holding the grip firmly, squeeze the trigger fully to the rear to fire.
- Keep your finger off the trigger and outside the trigger guard until you are ready to fire again.

The subsequent shots will be fired with traditional Single Action trigger until the P99 AS pistol is reset to Double Action by pressing the decocker.

3.3.4.2 P99 AS, Single Action Trigger

Traditional Single Action Trigger

After firing the first round all subsequent rounds will be fired with a traditional Single Action trigger, until the pistol is reset to Double Action by pressing the decocker.

Anti-Stress Trigger

It is called “Anti-Stress” because the trigger pull of the P99 AS is the same length for the first shot, regardless of whether it is double-action or single-action. The Anti-Stress trigger functions as a sort of two-stage trigger, and lessens the possibility of a stress-induced unintentional discharge.

Unlike the operation when shooting - when the trigger does not move all the way forward between shots - any time the slide is retracted by hand the trigger moves to its forward-most position. The combination of the trigger in the forward-most position with the striker cocked is the main feature of the Anti-Stress trigger.

a) Shifting to Anti-Stress trigger mode by manually reloading

The Anti-Stress mode is activated each time the pistol is reloaded manually while the finger is off the trigger.

b) Shifting to Anti-Stress trigger mode by manually cocking

The Anti-Stress mode is also activated each time the pistol is cocked manually while the finger is off the trigger:

Hold the de-cocked pistol with your finger off the trigger and outside the trigger guard, point the muzzle in a safe direction. Pull back the slide by about 10 mm and then move it back to its forward position. This puts the pistol in Anti-Stress mode (trigger in the forward-most position and the striker cocked).



If the slide gets pulled to the rear more than 20 mm, a cartridge in the chamber is ejected.

To fire a shot after such manual cocking, squeeze the trigger. When the trigger is released, subsequent rounds will be fired using the traditional Single Action trigger with a shorter trigger pull, until the P99 AS pistol gets reset to Double Action by pressing the decocker.

3.4 Exchanging empty Magazines

Once the last round has been fired, the magazine follower exerts upward pressure on the slide stop causing it to engage the slide stop notch thereby holding it in the “open” position.

- Depress the magazine release and remove the magazine.
- To continue shooting, insert another loaded magazine.
- Pull the slide fully to the rear, let it go and allow it to run fully forward.

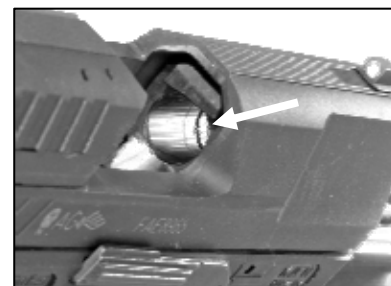
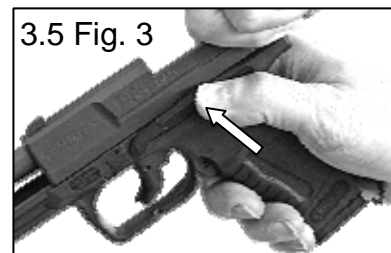
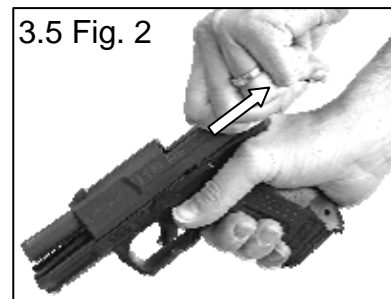


Caution: The pistol is ready to fire.

With the muzzle still pointing in a safe direction, keep your trigger finger off the trigger and outside the trigger guard until ready to fire.

3.5 Unloading the Pistol

- Point the muzzle in a safe direction. Make sure your finger is off the trigger and out of the trigger guard. Depress the magazine release and remove the magazine (3.5 Fig. 1).
- Grasp the serrated sides of the slide from the rear with the thumb and fingers (3.5 Fig. 2), and briskly draw the slide fully rearward in order to extract any cartridge from the chamber and clear it from the pistol. Do not obstruct the ejection port because doing so can interfere with proper ejection of a cartridge.
- Lock the slide in the open position by allowing the slide to move slightly forward from the rearmost position while pressing upward on the slide stop (3.5 Fig. 3).
- Visually check the barrel chamber to be sure it is empty (3.5 Fig. 4). Look into the chamber and down through the magazine well. Verify that no ammunition remains in the pistol.
- Unload the magazine by holding it with the bullet end of the cartridge pointing away from you and pressing each cartridge forward and out of the magazine.



3.5 Fig. 4



Also remember that any time you release the slide while a magazine containing cartridges is in the pistol, you will have chambered a new round in the pistol. The pistol will be ready to fire.

3.6 Clearing Misfires

- If a cartridge fails to fire, wait sixty seconds while keeping the muzzle pointed in a safe direction.
- Follow the procedure as described in section 3.5 “Unloading the Pistol”.
- Check the barrel chamber and bore visually for any obstructions. You must be certain there are no cartridges in the chamber or obstructions in the barrel. If there are any obstructions in the bore of the barrel have the pistol further examined and repaired by a qualified gunsmith before using again.

4 Field-Stripping, Cleaning, Lubrication, and Maintenance

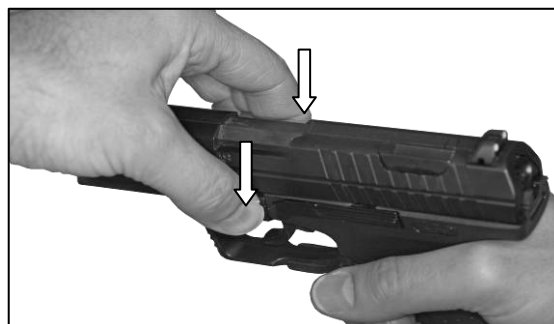


Check that the pistol is unloaded (magazine removed from pistol and chamber clear). Also ensure that the magazine is unloaded.

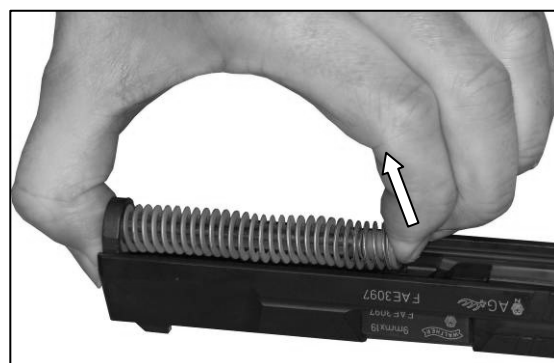
4.1 Main Components

4.1.1 Field-Stripping Disassembly

- Remove the magazine and unload the pistol. Lock the slide in the open position. Look into the chamber and down through the magazine well. Verify that no ammunition remains in the pistol.
- Close the slide: Pull the slide slightly to the rear. Slowly release the slide, allowing it to return to forward position.
- The P99 AS and P99 QA can be field-stripped only when the striker is de-cocked:
De-cock the pistol by depressing the decocker (P99 AS) or field-stripping aid (P99 QA).
- Grip the take down catch from above on both sides and press downwards (4.1 Fig. 1).
- Move the slide forward, and remove it from the frame.
- Remove the recoil guide rod assembly from below the barrel while taking up the spring pressure (4.1 Fig. 2).
- Remove the barrel from the slide.
- The main components of the pistol are shown in 4.1 Fig. 3.



4.1 Fig. 1



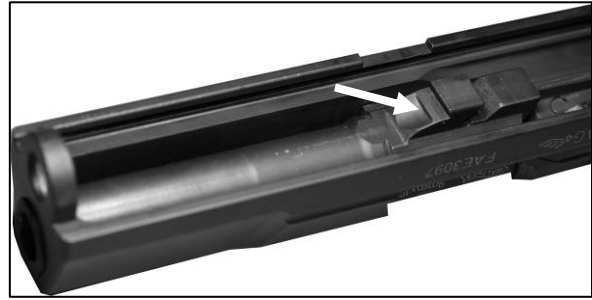
4.1 Fig. 2



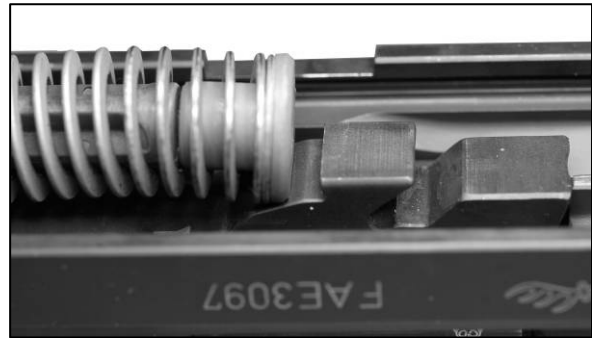
4.1 Fig. 3

4.1.2 Field-Stripping Reassembly

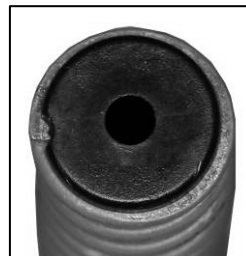
- Hold the slide upside-down. Place the barrel inside the slide with the locking lugs oriented as shown in 4.1 Fig. 4.
- Insert the recoil guide rod assembly:
 - P99 Full Size: Place the smaller (black) end of the recoil rod into the spring mounting at the front of the slide, and then insert the large polymer end of the recoil spring into the lower barrel recess, while taking up the spring pressure (4.1 Fig. 4 and 5).
 - P99 Compact: Align the front end of the large recoil spring so that it is centered on the polymer front end of the recoil rod (4.1 Fig. 6 and 7). This makes it easier to install the recoil guide rod assembly. Place the large spring end of the recoil rod into the spring mounting at the front of the slide, and then insert the other end of the recoil guide rod assembly into the lower barrel recess, while taking up the spring pressure (4.1 Fig. 4 and 8).



4.1 Fig. 4



4.1 Fig. 5



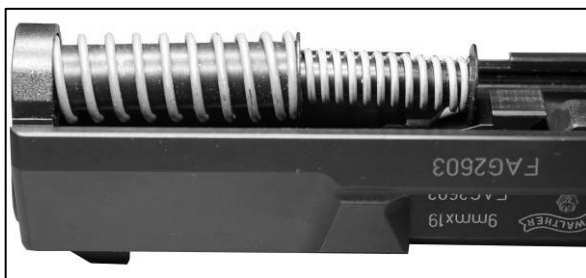
4.1 Fig. 6
Proper alignment
spring centered



4.1 Fig. 7
Improper alignment
spring not centered

NOTE: It is normal for the recoil guide rod assembly to flex when it is installed.

- Push the slide from the front into the slide guides of the frame (4.1 Fig. 9), far enough for the take down catch to engage, making sure that the slide also engages the rear slide guides of the frame. Release the slide and allow it to move fully forward into the locked position.
- P99 AS only: De-cock the striker by pressing the decocker all the way down.



4.1 Fig. 8, P99 C



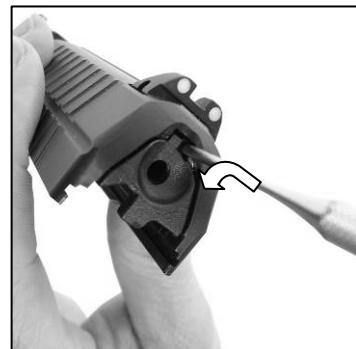
4.1 Fig. 9

NOTE: It is normal for the recoil guide rod to slightly protrude from the Full Size 9mm slide.

4.2 Striker Assembly

4.2.1 Remove Striker Assembly

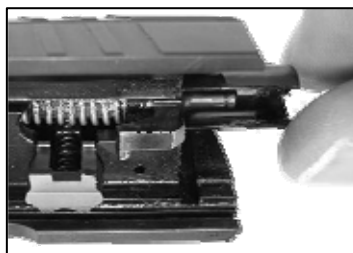
- Field-strip the pistol. Place the muzzle end of the slide on a smooth, flat surface. Grasp the slide at the slide serrations, push in the pin through the square opening located at the top right side of the slide end cap using a 2 mm punch (4.2 Fig. 1) and remove the slide end cap by sliding it downwards (4.2 Fig. 2).
- Remove the striker assembly from the slide (4.2 Fig. 3).
 - P99 AS and P99 QA
Removing the striker assembly will release the decocker/field-stripping aid. Cover the decocker/field-stripping aid while you remove the striker assembly, then remove the decocker/field-stripping aid.
 - P99 DAO
Removing the striker assembly will release the drop safety. Cover the drop safety while you remove the striker assembly, then remove both parts of the drop safety (4.2 Fig 4).



4.2 Fig. 1



4.2 Fig. 2



4.2 Fig. 3



4.2 Fig. 4

4.2.2 Install Striker Assembly

- Insert Striker Assembly
 - P99 AS and P99 QA
Insert the decocker/field-stripping aid from the top of the slide and depress it just enough so that it is flush with the surface of the slide while inserting the striker assembly from the rear.
 - P99 DAO
Place the slide upside down with the muzzle facing to the left. Hold the drop safety by the spring and insert as shown in 4.2 Fig. 5. Insert the second part of the drop safety. While maintaining pressure, line up the second part flush with the slide. Insert the striker assembly.
- Using the slide end cap, press the striker assembly into the slide and reinsert the slide end cap from the bottom of the slide until it snaps in place (see 4.2 Fig. 2).



4.2 Fig. 5

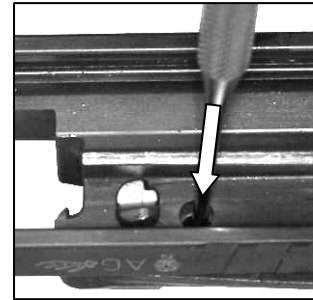
4.3 Extractor

4.3.1 Remove Extractor



WARNING: While you remove the extractor, be sure to control the striker safety and the extractor plunger so that they do not fly out.

Place the slide upside down with the muzzle facing to the left. Push in the extractor plunger with a 2 mm punch (4.3 Fig. 1). Cover the striker safety and the extractor plunger with a finger while you pivot the extractor out. Remove the striker safety assembly and the extractor plunger assembly from the slide.



4.3 Fig. 1



4.3 Fig. 2



4.3 Fig. 3

4.3.2 Install Extractor

Place the slide upside down with the muzzle facing to the left. Insert the striker safety assembly and the extractor plunger assembly into the slide (4.3 Fig.2). Align the rear end of the extractor to the extractor slot and press it towards the slide with the thumb of your other hand. Push down the extractor plunger with the 2 mm punch and press in the extractor until they hold each other without pressing in the extractor completely in. Remove the 2 mm punch, while the eyelet of the extractor holds down the extractor plunger (4.3 Fig. 3). Hold the safety plunger down flush with the surface of the slide. Press in the extractor completely until the plunger snaps into the hole of the extractor (4.3 Fig. 4).



4.3 Fig. 4

4.4 Magazine



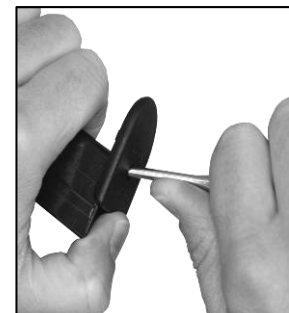
WARNING: Wear safety glasses when disassembling or assembling the magazine.

4.4.1 Disassembly



WARNING: The magazine spring is under pressure. Use caution when stripping down the magazine. Control the floorplate catch and the magazine spring while you remove the floorplate so that they do not fly out and cause injury.

1. Using a 4 mm punch, depress the floorplate catch through the hole in the floorplate (4.4 Fig. 1).
2. Slide the floorplate forward off of the magazine tube while continuing to depress the floorplate catch in the tube.
3. Remove the floorplate catch and spring carefully from the magazine tube through the bottom of the tube.

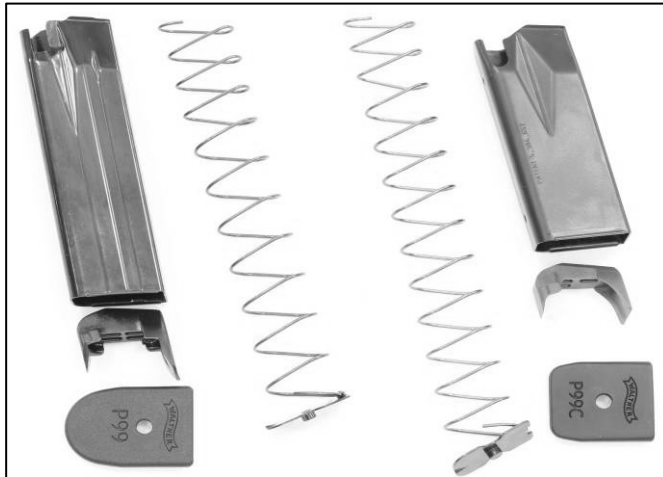


4.4 Fig. 1

4. Turn the tube right side up and remove the follower through the bottom of the tube.

4.4.2 Assembly

1. Install the follower and magazine spring plus floorplate catch in reverse order back into the tube in exactly the same orientation as they were in when they were first removed during disassembly (4.4 Fig. 2 and 3). Never use excessive force when assembling the magazine.
2. While holding the floorplate catch in the tube, slide the floorplate onto the tube so that the round projection of the floorplate catch engages the hole in the floorplate. There will be an audible “snap” heard.



4.4 Fig. 2



4.4 Fig. 3

4.5 Cleaning the Pistol

Your firearm is a precision instrument. To ensure the reliable function of the pistol, it is necessary to establish routine maintenance procedures.



Check that the pistol is unloaded (magazine removed from pistol and chamber clear). Also ensure that the magazine is unloaded.

After each use of the pistol or after being subjected to extreme weather conditions, the pistol should be cleaned and lubricated. Also, before using the pistol for the first time, it should be examined and cleaned. The pistol has been treated with either a preservative or oil to protect it against corrosion. Before using it, all excess oil should be wiped from the bore, chamber, and exposed areas using a clean swab or patch.

Field-strip the pistol as previously described. Starting with the barrel and from chamber end, insert a brush through the bore of the barrel until the bristles completely exit at muzzle end. Pull the brush back until the bristles completely exit at chamber end. Use a good powder-removing solvent and brass bristle bore brush to remove lead and firing residue from the interior of the barrel. Wipe the areas clean with patches or a swab.

Using a small brush dipped in solvent, remove all deposits from around the breech face, chamber end of the barrel, extractor and adjacent areas which have been exposed to powder or primer residue. Remove any residue on the frame with light brushing and a solvent. After cleaning, apply a light film of high quality gun lubricant to all external metal surfaces and wipe clean.

If the pistol will be used or stored in a cold climate, be sure to use appropriate lubricant that will not congeal at low temperatures.



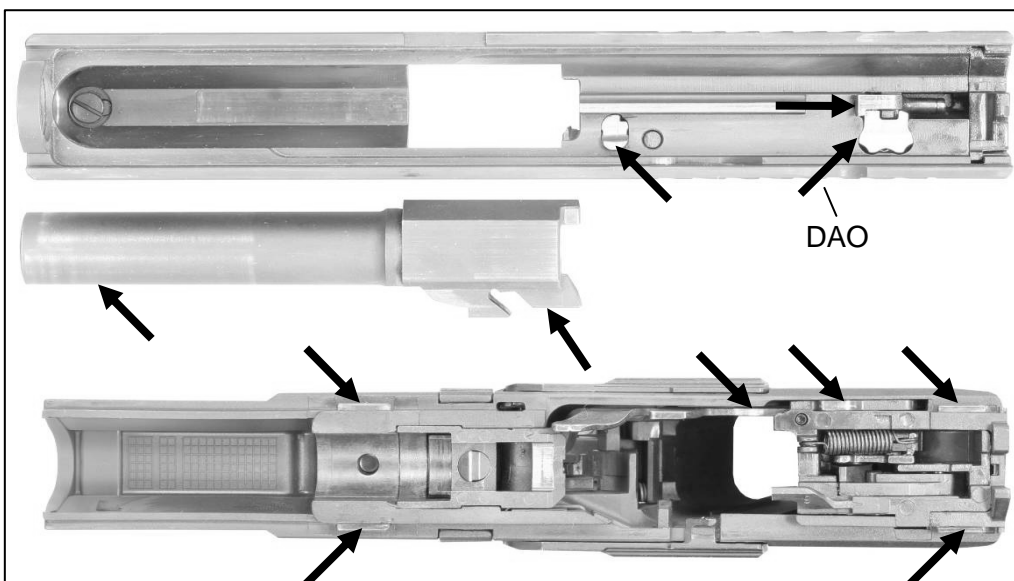
CAUTION: Always follow the instructions provided with the gun cleaner and gun lubricant. Some cleaners can cause damage to the pistol. You should avoid prolonged solvent immersion and prolonged ultrasonic cleaning of the pistol (maximum temperature for ultrasonic cleaning: 50 °C (122 °F)). Choice of solvent should be restricted to those products specifically developed for firearms maintenance. Damage to a firearm's finish may occur if these warnings are ignored. Ammonia based solvents or other strong alkaline solvents, should not be used on any WALTHER firearm.

4.6 Lubrication

After cleaning the entire pistol, use a cloth to apply a light film of high quality gun lubricant to all external metal surfaces and wipe clean.

Do not over-lubricate the pistol to the extent where lubricant will be dripping or running down the handgun. Excess lubricant can attract dirt, unburned powder and carbon residue, which can interfere with proper functioning of the pistol. Do not put any gun lubricant into the striker channel (4.6 Fig. 1).

- **Barrel:**
Use a cloth to apply a light film of high quality gun lubricant to all external surfaces and the ramp where the locking block cams the barrel.
- **Frame:**
A light coat of high quality gun lubricant should be applied to the mechanism. Put only one drop of lubricant on the slide guides, and on the trigger bar. Put a drop of lubricant on the trigger bar guide on the right outer side of the sear housing assembly (if applicable).
- **Slide:**
Put only one drop of lubricant on the striker and on the safety plunger. P 99 DAO: Put a drop of lubricant on the drop safety.
- **Magazine:**
Apply a light film of high quality gun lubricant to all external metal surfaces.



4.6 Fig. 1: Lubrication Points

4.7 Maintenance before Storing

Obey all laws and regulations relating to the storage of firearms. You must familiarize yourself with all local, state, and federal laws regarding the safe storage of firearms and ammunition.

When storing the pistol, do not encase the firearm in anything that will attract or hold moisture, such as leather or heavy cloth.

If the firearm is to be stored for an extended period, the bore, chamber and internal working mechanism should be lubricated with a high quality lubricant or preservative intended for firearms. The external working mechanisms, slide, barrel, and magazine should be coated with anti-corrosion lubrication.

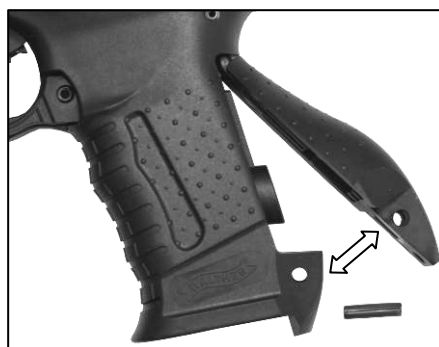
Before using the pistol again, be sure to clean it. Every time you clean the firearm, check it for signs of wear. If wear is noted, do not use the firearm. Return it to WALTHER for service or have it checked by a qualified gunsmith.

5 Adjusting the Pistol to its User

5.1 Grip

If the grip of the pistol does not fit your hand comfortably, the backstrap can be replaced with another size to better suit your hand.

To do so, push the pin in the bottom part of the backstrap out using a punch (Full Size: 4mm / Compact: 3 mm), exchange the backstrap for one with a better fit and replace the pin (5.1 Fig. 1). The P99 Full Size pistol backstraps are offered in sizes Small, Medium, and Large. The P99 Compact comes with backstraps in sizes Small and Large.



5.1 Fig. 1

5.2 Lanyard Loop

A lanyard loop for attachment of a lanyard is found at the lower end of the backstrap (P99 Full Size only). The pin used to fasten the backstrap forms, together with a recess in the backstrap, an eyelet for attachment of a lanyard.

To attach a lanyard, push the pin in the bottom part of the backstrap out using a 4 mm punch, insert the lanyard, then replace the pin.

5.3 Sights

The front and rear sight are replaceable. The point of impact is adjustable for windage and elevation. You can choose from polymer sights and steel sights and different contrast markings.



Check that the pistol is unloaded (magazine removed from pistol and chamber clear). Also ensure that the magazine is unloaded.

WINDAGE

Polymer Rear Sight:

If shots group to the right, turn the rear sight windage screw clockwise, if they group to the left, turn the windage screw counter clockwise (5.3 Fig. 1). Adjustment by one click moves the impact point approximately 2 cm (.7") at a distance of 25 m (25 yards).



5.3 Fig. 1

Replacing the polymer rear sight:



WARNING: While you remove the rear sight, be sure to control the rear sight plunger so that it does not fly out.

Field-strip the pistol as described in section 4.1. Push down the rear sight plunger and remove the rear sight to the left. If the rear sight is moved to the right, the plunger can become lodged inside the rear sight. To rectify this, remove the rear sight windage screw. Note that the rear sight windage screw is reverse threaded.

Install in reverse order.

CAUTION: Slide on polymer rear sight from left to right when installing it.

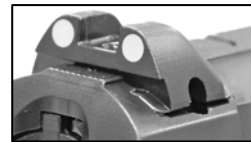
Steel Rear Sight:

Windage adjustments are made by drifting the steel rear sight from side to side with the rear sight adjustment tool. If shots group to the right, move the rear sight to the left, if they group to the left, move the rear sight to the right.



The standard WALTHER Steel Rear Sight (5.3 Fig. 2) will fit very tightly into the slot cut in the slide. The rear sight adjustment tool is available as an accessory and highly recommended when adjusting for windage.

Do not remove the sleeve below the steel rear sight.



5.3 Fig. 2

ELEVATION

Elevation adjustments are made by using front sights of varying height.

Steel Front Sights of varying height are an accessory item.

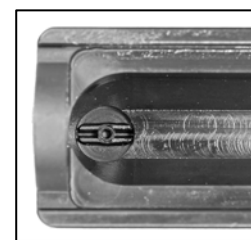
If the shots group low, use a lower front sight. For high grouping, use a higher one. The front sights are numbered. The higher the number, the higher the front sight. Each stage results in a correction of the impact by about 5 cm (2") over a 25 m (25 yards) distance from target.

To change the front sight, field-strip the pistol as described in section 4.1.

Polymer Front Sight

Unscrew the front sight screw with the 1.3 mm Allen wrench from the bottom of the front sight. Push the front sight out of the slide.

Assembly is in reverse order. Screw in the front sight screw until it is flush with the base of the front sight (5.3 Fig. 3).

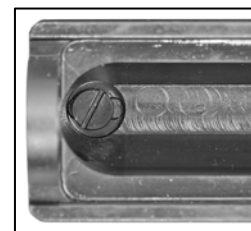


5.3 Fig. 3

Steel Front Sight

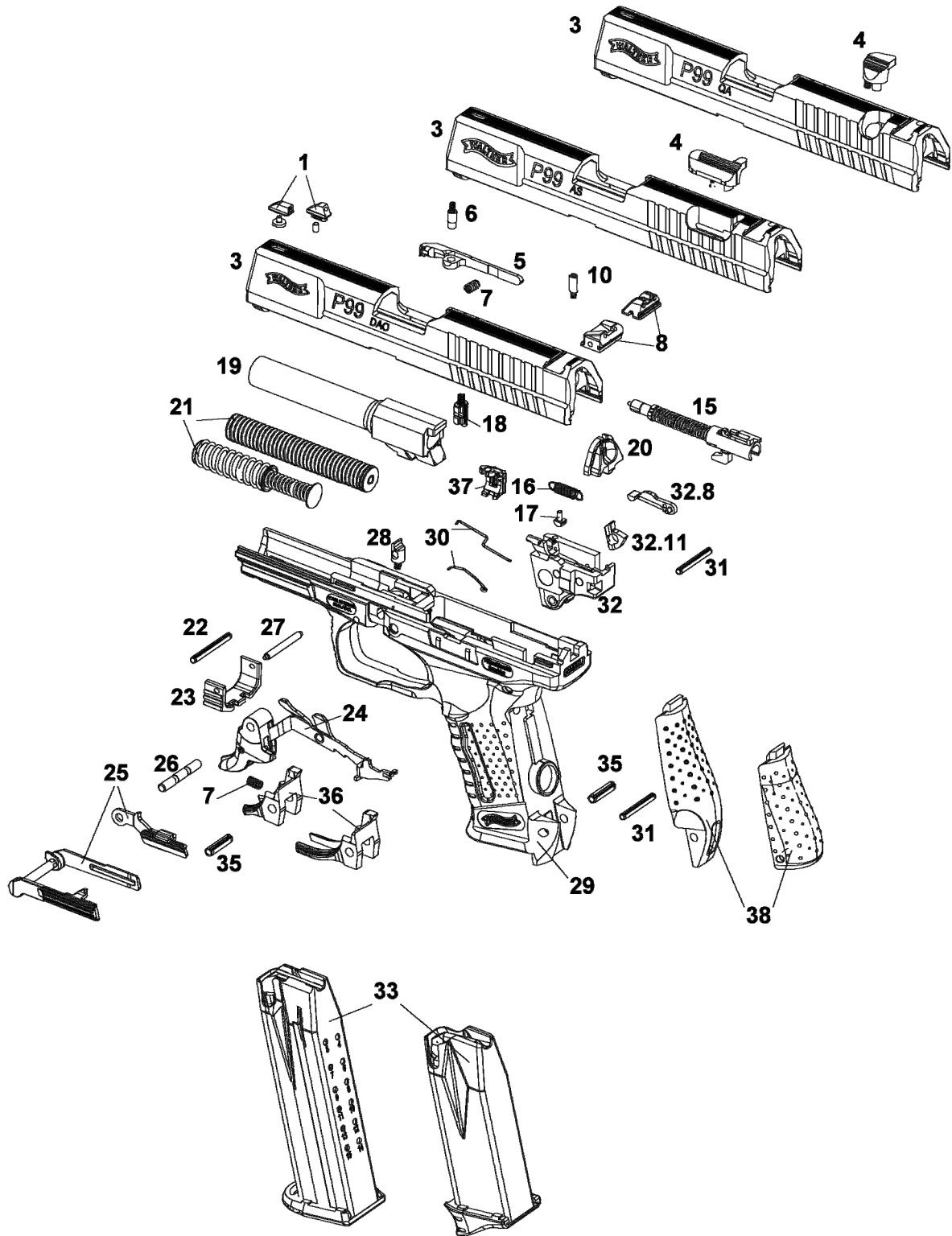
Remove the front sight screw using a screwdriver and press the front sight upwards and out.

Assembly is in reverse order (5.3 Fig. 4). Remember to make sure the screw and the thread inside the steel front sight are free of oil or grease. The thread of the front sight screw should be secured using an industrial adhesive (for example Loctite 648). To tighten the front sight screw, apply a torque of 1 Nm (8.8 inch lbs).



5.3 Fig. 4

6 Exploded Diagram



7 Parts List

Item No.	Designation	Part will fit for		
		Frame Size ¹⁾	Trigger Action ²⁾	Caliber ³⁾
1	Front Sight with Front Sight Screw	✓ ⁵⁾	✓	✓
3	Slide	4)	4)	4)
4	Decocker/Field-Stripping Aid	✓	4)	✓
5	Extractor	✓	✓	4)
6	Extractor Plunger Assembly	✓	✓	✓
7	Spring, Magazine Release/Extractor	✓	✓	4)
8	Rear Sight (Steel or Polymer)	✓ ⁵⁾	✓	✓
10	Rear Sight Plunger Assembly (for Polymer Rear Sight)	✓	✓	✓
15	Striker Assembly	✓	4)	✓
16	Trigger Return Spring	✓	4)	✓
17	Trigger Bar Guide	✓	4)	✓
18	Striker Safety Assembly	✓	✓	✓
19	Barrel	4)	✓	4)
20	Slide End Cap	✓	✓	✓
21	Recoil Guide Rod Assembly	4)	✓	✓
22	Pin 3x28	✓	✓	✓
23	Take Down Catch	✓	4)	✓
24	Trigger Assembly	✓	✓	✓
25	Slide Stop Lever Assembly	4)	✓	✓
26	Pin (one-sided Slide Stop Lever)	4)	✓	✓
27	Pin, Take Down Lever	✓	✓	✓
28.1	Spring, Barrel Lock	✓	✓	✓
28.2	Barrel Lock	4)	✓	✓
29	Frame, with Locking Block	4)	✓	✓
30	Spring, Slide Stop Lever	4)	✓	✓
31	Pin 3x24	4)	✓	✓
32	Sear Housing Assembly	✓	4)	4)
32.8	Adjustable Trigger Bar Guide	✓	4)	✓
32.11	Trigger Bar Block	✓	4)	✓
33	Magazine	4)	✓	4)
35	Pin 4x16	4)	✓	✓
36	Magazine Release	4)	✓	✓
37	Drop Safety, DAO	✓	4)	✓
38	Backstrap (Full Size: S, M, L / Compact: S, L)	4)	✓	✓

- Legend: FS Full Size
 C Compact
 AS Anti Stress
 QA Quick Action
 DAO Double Action Only
- ¹⁾ ✓ fits any size (FS and C)
²⁾ ✓ fits any trigger action (AS, QA, and DAO)
³⁾ ✓ fits any caliber
⁴⁾ for your order please include the following information: frame size, trigger action, and serial number of the pistol
⁵⁾ please provide the serial number of the pistol and specify your preference for (1) sight contrast markings, (2) sight number and (3) sight material (steel or polymer)



8 Technical Specifications

Action	Short recoil operated, locked-breech	
System	Semi-automatic, striker fired (hammerless) pistol	
Materials	Slide and barrel: Tenifer®-treated carbon steel Frame: High-strength polymer	
Safety Devices	Trigger-, Striker-, Drop-Safety, Decocker (P99 AS), Field-Stripping Aid (P99 QA)	
Trigger Action	AS: Double Action, Single Action and Anti Stress (DA/SA/AS) QA: Quick Action (pre-set trigger) DAO: Double Action Only	
AS	Trigger pull/travel, DA	40 N / 14 mm
	Trigger pull/travel, SA	20 N / 8 mm
	Trigger pull/travel, AS	20 N / 14 mm
QA	Trigger pull/travel	38 N / 8 mm (identical for every shot)
DAO	Trigger pull/travel	38 N / 14 mm (identical for every shot)

	9mm x 19 9mm x 21		.40 S&W	
	FULL SIZE	COMPACT	FULL SIZE	COMPACT
Magazine Capacity	15 rounds ^{CDN}	10 rounds	11 rounds ^{CDN}	8 rounds
Overall Dimensions, Length/Height [mm]	180 / 135 ^{CDN}	168 / 110	184 / 135	168 / 110
Overall Width, Slide Stop Lever one-sided/ambidextrous [mm]	32 / 34	←	←	←
Barrel Length [mm]	102 ^{CDN}	89	106	89
Rifling [mm]	1:250 (1:10"), six-groove, right hand twist	←	1:406 (1:16"), six-groove, right hand twist	←
Sight Radius [mm]	156	142	158	142
Width, Rear Sight Notch [mm]	4,6 (standard / #2) 3,8 (#1)		←	←
Width, Front Sight [mm]	3,6	←	←	←
Weight, Pistol with empty Magazine [g]	685	605	735	605
Weight, empty Magazine [g]	80	65	80	65
Muzzle Energy E ₃ [J], Bullet Weight [g]	500 8	490 8	475 11,7	460 11,7

Data based on average numbers. Actual numbers may vary.

^{CDN} Canada: Magazine capacity 10 rounds, Barrel Length 106 mm, OL 184 mm



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