

Mod. SD22 Silencer

Length: 160 mm / 6.3 in.
Diameter: 30 mm / 1.18 in.
Weight: 235 g / 7.2 oz.

Operating Instructions



IMPORTANT NOTICE!

- Make yourself familiar with the use and functioning of the silencer prior to its use. Carefully read and understand the operating instructions.
- Never apply force when using, mounting or dismounting the silencer.
- A safe operation of the silencer is only assured as long as it is in a flawless technical condition.
- Incorrect handling and lack of maintenance may lead to malfunctions and reduced safety.
- Unauthorized modifications to the mechanism, damages caused by the application of force and modifications effected by third parties will lead to the manufacturer not to assume any liability.



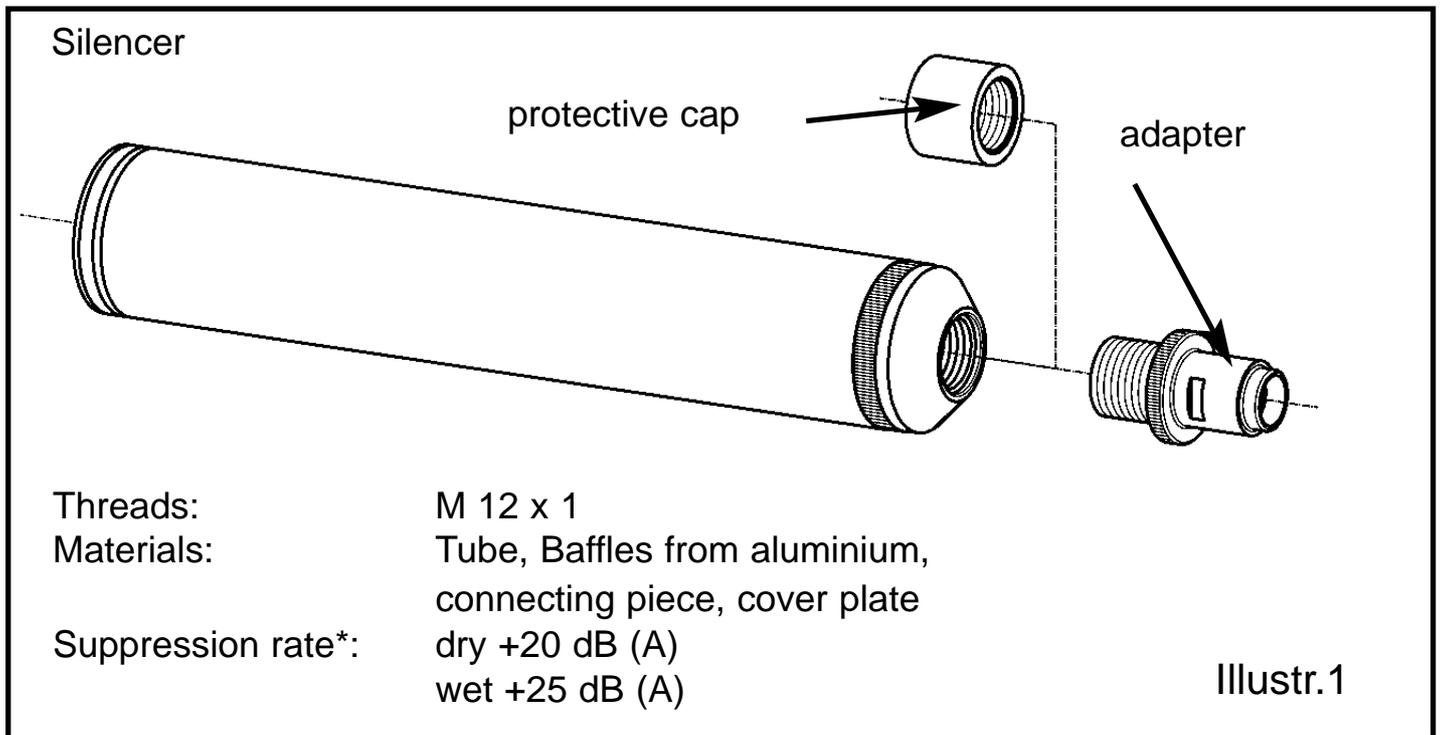
Always bear in mind: Keep your finger away from the trigger unless you really intend to fire. Always keep your weapon pointing in a safe direction so that you and others cannot be endangered.



This silencer was designed for the Walther P22. The silencer works by relaxing, cooling and slowing down the propellant gasses.

A silencer can only reduce the muzzle report of a weapon, neither the supersonic crack nor the flying noise of a bullet. For minimal shooting noise it is essential to use a type of ammunition which delivers subsonic bullet speed, i. e. less than app. 1100 ft/s.

The SD22 silencer was designed as a so called “dry” silencer. Good performance is achieved without inserting liquids, grease or oil into the first chamber. However, by adding small amounts of these substances, the suppression effect can be significantly improved for several shots. It also helps suppressing the first round pop syndrome. The bullet path must not be blocked. It is not recommended to use shaving gels, as they form sticky residues.



*NATO Mil Standard 1474 C; Ammunition Eley Pistol Standard

The suppression rate is not constant, but depends on environmental conditions, ammunition and can vary considerably. Also, there is a so called “first-round-pop”, this means the first shot from cold barrel and silencer is louder than subsequent shots.

Handling

It is preferable to use pistol loads when shooting with the suppressor, as the propellants loaded in this kind of ammunition usually burn quicker and cleaner. This prevents the silencer from impact of kernels of unburnt powder.

Do not use ammunition of more than 45 grs. bullet weight; too heavy subsonic bullets tend to tumble during flight. This may cause baffle contact and may lead to damages of the silencer and pistol.

Silencers retain both hot and high-pressurized gasses that escape through the ejection port. Do always wear safety goggles when shooting with a silencer.

Maintenance

The SD22 silencer should only be disassembled in an authorized workshop. During normal use, it is not necessary to disassemble the silencer.

After a shooting session, spray a small amount of Break Free, Liquy Moly or something similar into the silencer from the threaded side and shake or roll it to distribute the oil evenly. This will help to avoid or loosen carbon build-up.

Cleaning

To clean the silencer, insert it into petroleum or weapon oil for several days. Rinse from time to time. Then rinse with hot soapy water and blow and blow dry with compressed air or by storing on a radiator. Apply a light oil film on the in- and outside of the silencer.

Mounting and dismounting the silencer

silencer and thread protection



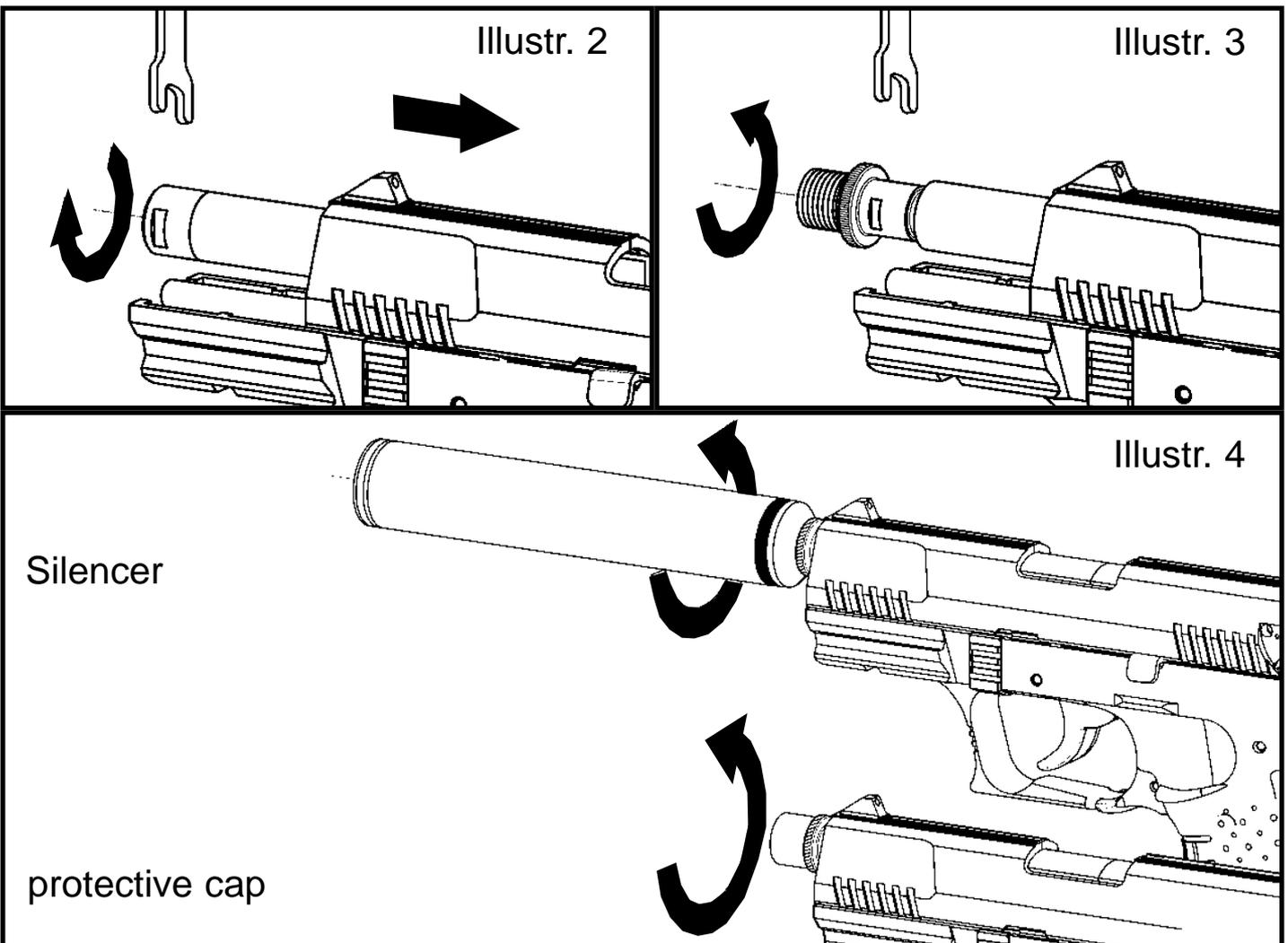
CAUTION! Engage the safety of your weapon, remove the magazine and check your weapon, it must be unloaded and the chamber must be clear.



Mounting the silencer:

- 1.** Retract the slide of your pistol and use the enclosed spanner to remove the barrel nut of your weapon (illustr. 2).
- 2.** Screw adapter onto barrel and use the spanner to finger-tighten it (illustr. 3).
- 3.** Screw silencer onto treaded adapter and finger-tighten it (illustr. 4)

When firing the weapon with the silencer removed, you should either protect the threaded section of the adapter with the enclosed protective cap or you should replace the adapter with the barrel nut.





Carl WALTHER GmbH - Sportwaffen

Marketing

Vertrieb:

Postfach 2740

D - 59171 Arnsberg

Donnerfeld 2

D - 59757 Arnsberg

Technik

Service:

Postfach 4325

D - 89033 Ulm

Im Lehrer Feld 1

D - 89081 Ulm

Tel. 02932 / 63 81 00

Fax 02932 / 63 81 49

Tel. 0731 / 15 39 0

Fax 0731 / 15 39 109

All technical changes and modifications reserved

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