HUXWRX SAFETY CO.

FLOW 9k Ti INSTRUCTION MANUAL

WARNING

Use proper safety equipment before handling. Ensure firearm is not loaded before installing or removing the suppressor. Only operate the suppressor system with a serviceable firearm and ammunition of the correct caliber. Do not disassemble the suppressor system beyond required level, as shown in this manual, for standard maintenance.

The suppressor system can reach extremely hot temperatures. Use caution before handling after use. Avoid contact with skin or clothing when hot. Improper installation or use may result in serious injury or death.

Discharging firearms in poorly ventilated areas, cleaning firearms or handling ammunition may result in exposure to lead and other substances, which can cause birth defects, reproductive harm and other serious physical injury. Ensure adequate ventilation at all times. Wash hands thoroughly after exposure.

LEGAL WARNING

Suppressors (often referred to as silencers, cans, or mufflers) are controlled under both the National Firearms Act (NFA) (26 U.S.C. §5849 et seq.) and the Gun Control Act (18 U.S.C. §921 et seq.).

Storing an unlocked sound suppressor at home with a person who is not registered to possess the device may be construed as “constructive possession” by the ATF, which may be punishable by law.

This product is manufactured in the USA by HUXWRX Safety Co for sale within the USA only. Export of this commodity is strictly prohibited without a valid export authorization from the U.S. Department of State - DDTC and/or the U.S. Department of Commerce - BIS as prescribed in ITAR 22 CFR Part 120-130 and/or EAR 15 CFR Part 774.

It is your responsibility to check your local state and federal laws for ownership, hunting, transferring and transporting laws regarding silencers.

SUPPRESSOR ASSEMBLY AND INSTALLATION

The FLOW 9k Ti comes with a hub piston housing adaptor and a booster assembly with a 1/2x28 piston; other pistons with different thread pitches can be purchased separately. Ensure the hub piston housing and the piston base are firmly tightened or torqued before firing.

NOTE: An adjustable wrench on the piston flats can be used as an opposing force to loosen the piston base from the hub piston housing.

ACCESSORY INSTALLATION

1. The booster assembly with spring is necessary to function on weapon systems where the barrel reciprocates to cycle. Use high temperature grease on the piston, spring, and O-ring before each session of use.
2. To change the configuration from booster to fixed barrel spacer, replace the spring with the fixed barrel spacer. The fixed barrel spacer is only to be used on weapon systems where the barrel is fixed and does not reciprocate to cycle.
3. Ensure all threads are clean before assembly.
4. To disassemble the booster and fixed barrel assemblies from the housing, use the 9 & 45 Wrench on the piston base flats along with an adjustable wrench on the piston flats if necessary.
5. A direct thread adapter can be used instead of the fixed barrel assembly. Remove all accessory parts before installing the direct thread adapter by itself. The direct thread adapter is only to be used on weapon systems where the barrel is fixed and does not reciprocate to cycle.
6. Tighten the piston base or direct thread adapter using the included 9 & 45 Wrench, firmly by hand or using a ¼ drive torque wrench to 100 lbf-in (115 kgf-cm).

SUPPRESSOR INSTALLATION

WARNING: Ensure the firearm is unloaded. Remove the magazine and all ammunition from the workspace. Visually and physically check that the chamber is clear.

1. For handguns, lock the slide open to allow more room for the included wrench with torque wrench to be attached.

2. Verify that the barrel and accessory thread pattern match.

3. Ensure all threads are clean before assembly.

4. Thread the suppressor onto the barrel until it bottoms out, either on the crown or shoulder of the barrel depending on the thread.

5. Tighten the piston or direct thread adapter to the barrel using the included wrench, firmly by hand or using a ¼ drive torque wrench to 125 lbf-in (144 kgf-cm).

WARRANTY

There is a limited lifetime warranty against all manufacturing defects and damages caused by the normal use of this product. The manufacturer will repair or replace free of charge any suppressor manufactured by or, at the direction of, HUXWRX Safety CO. LLC.

The product is sold “as is” with no further implied contractual rights or warranties beyond those expressly stated herein.

Visit www.huxwrx.com for more warranty information.

CLEANING AND MAINTENANCE

WARNING: Ensure the firearm is unloaded. Remove the magazine and all ammunition from the workspace. Visually and physically check that the chamber is clear. Wear proper safety equipment—not limited to safety glasses, chemical resistant gloves.

Booster and Fixed Barrel Assembly

HUXWRX recommends applying a light coat of high-temperature grease on the bearing surfaces of the piston, spring, and O-ring before each session.

Inspect the O-ring on the inside of the Piston Base for damage before each session. If damaged, remove and replace it with a 018 size Viton O-ring.

To detach the suppressor from the host firearm use the included wrench and an adjustable wrench on the piston wrench flats to remove the suppressor from the host firearm.

To detach the booster or fixed barrel assembly from the housing, use the included wrench on the piston base flats along with an adjustable wrench on the piston flats if necessary.

FLOW 9k Ti Suppressor

Recommended maintenance cycle for the suppressor or pistol mounting assembly parts is every 1000 rounds or less.

Disassemble to the individual components shown in the exploded assembly view.

The piston, spring, and fixed barrel spacer (purchased separately for fixed barrel use with piston) are heat-treated stainless steel so can be cleaned with a steel bristle brush, ultrasonic cleaner, media tumbler, or carbon/copper gun cleaning solvents to remove fouling.

The FLOW 9k Ti suppressor is a solid, one piece 3D printed titanium suppressor, coated with high temp Cerakote, and it contains a HUB piston adaptor and booster assembly that are installed and torqued to the proper spec at the factory. The hub piston adaptor and booster assembly can be removed from the suppressor, and can be broken down for further cleaning. The pistons and direct thread adapters are heat treated and nitride coated stainless steel. They can be cleaned with CLP and a brass or nylon brush and or in an ultrasonic cleaner. Ensure all threads are clean before reassembly. Once these parts have been removed from the suppressor, the suppressor can be cleaned separately. HUXWRX recommends using Suppressor Sauce™ as the standard cleaning and maintenance solution for your suppressor, as it was designed specifically for HUXWRX suppressors to clean and maintain Flow Through designs and internal geometries engineered specifically by HUXWRX.

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