

Training FOR THE REAL WORLD™

Simunition® Drop-in Barrel Conversion Kit for Pistols

Operator Manual

Intended only for supervised training conducted in accordance with Simunition® safety training protocols by Law Enforcement, Military and Simunition® approved Commercial Range Programs.

The safe use of the 9 mm FX® and CQT® cartridges requires the installation of the appropriate conversion kit. Proper installation of the kit is required to help preclude the inadvertent chambering of most 9 x 19 mm live, lethal ammunition and ensure the proper operation and cycling of the weapon. For safety reasons, conversion barrels are manufactured from the same quality steel as service barrels.

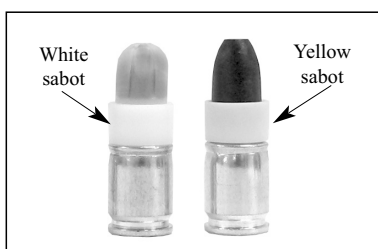


Fig. I
9mm FX® (left) and CQT® (right)



Fig. II
Pistol handling prior to disassembly



Fig. III
Barrel slide assembly



Fig. IV
Pistol cycling

Installation

1. Pointing the muzzle of the pistol in a safe direction and following weapon OEM factory guidelines, remove the magazine, lock the slide back and visually check to ensure that there is no ammunition in the chamber. (Fig. II)
2. Following weapon OEM factory guidelines, remove the slide from the frame and remove recoil spring from the slide. Still following weapon OEM factory guidelines, remove the service barrel from the slide. Substitute the Simunition® conversion kit barrel (Fig. III).
3. Reinstall the recoil rod assembly and reassemble the slide on the frame as per weapon OEM factory guidelines.
4. Manually cycle the pistol and ensure all weapon mechanisms are operational as per weapon OEM factory guidelines. (Fig. IV).
5. Care must be exerted when loading FX® or CQT® cartridges in magazine. Handle cartridges with care in order not to dislodge the bullets from the sabot. **Magazines should not be loaded more than 80% of their capacities, but not more than 10 rounds.**

NOTE: For optimal function with the kit, Simunition® recommends that the barrel and chamber be cleaned using a 9mm/.38/.357 cal. bore brass or stainless steel brush after the firing of every 80 cartridges.

To prepare the pistol for use with service ammunition:

1. Pointing the muzzle of the pistol in a safe direction and following weapon OEM factory guidelines, remove the magazine, lock the slide back and visually check to ensure that there is no ammunition in the chamber.
2. After removing the magazine, follow weapon OEM factory guidelines to remove the slide from the frame. Still following weapon OEM factory guidelines, remove the Simunition® conversion barrel from the slide. Substitute the service barrel.
3. Reassemble the slide, as per factory weapon OEM guidelines.
4. Manually cycle the weapon and ensure all weapon mechanisms are operational as per weapon OEM factory guidelines.

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For other conversion kits, please visit our website at www.simunition.com

Conversion Kit Patents : Germany No. 697 14 592.1-08, US No. 6,276,252

STAND-OFF TRAINING DISTANCES FOR FX® MARKING CARTRIDGES ONLY: The FX® 9000 Series protective equipment has been designed and tested under rigorous laboratory conditions to resist impact from all FX® Marking Cartridges. GD-OTS Canada strongly recommends the following minimum stand-off training distances when firing at protected personnel*: 1-foot (30cm) for 9mm FX® and .38 cal FX® Marking cartridges, 3-foot (1m) for 5.56mm FX® Marking cartridges clipped and 6-foot (2m) for 5.56mm FX® Marking cartridges linked. Due to the nature of the FX® training system, end users must refer to their respective in-service training guidelines and regulations for the authorized force-on-force stand-off distances. * Protected personnel are defined as personnel using approved mandatory FX® head, throat and groin protection (and no exposed skin when using 5.56mm FX® Marking Cartridges).

The FX® 8000 Series protective equipment may still be used with 9mm FX® and .38 cal. FX® Marking cartridges only.

FX®

WARNING

Use of this product without the mandatory safety equipment can result in serious injuries

CQT®

WARNING

Not for use against human targets

WARNING

IMPROPER USE CAN CAUSE SERIOUS INJURY OR DEATH.

This product requires the same firearm handling precautions as standard firearms. Use only with firearms in good condition. Keep barrel free of any obstructions. Use Simunition® conversion kit only in appropriate models and calibres of firearms as indicated on the conversion barrel and/or slide. If the gun fails to fire, avoid exposure to the breech when unloading and point the muzzle in a safe direction. Wear approved eye and ear protection, as required. The manufacturer shall not be liable for injuries or damage resulting from the use of this conversion kit.

KEEP OUT OF REACH OF CHILDREN.

Be aware that a firearm converted with this Simunition® conversion kit, like all firearms, if handled in a careless or reckless manner can be dangerous and lethal. Consequently, the Simunition® conversion kit accompanying these Handling and Safety Instructions has been sold under the express understanding that the manufacturer of this conversion kit declines any responsibility for consequences arising out of either intentional or accidental discharge of firearms and ammunitions used with this conversion kit, or from its function when used for purposes or subjected to treatment for which it was not designed.

It is mandatory that Simunition®-converted weapons be clearly identified as such, before any training takes place. A good practice is to use blue tape for FX® ammunition and yellow tape for CQT® ammunition on the trigger guard and grip. After training, kits and weapons must be thoroughly cleaned and lightly lubricated to avoid potential functioning problems. Remove colored tape as applicable.

ONLY FX® IS NON-LETHAL, CQT® IS CONSIDERED LETHAL.

WARRANTY: General Dynamics Ordnance and Tactical Systems-Canada Inc. (GD-OTS Canada) warrants that the goods shall be free from defect in materials and workmanship during the period of 24 months following the date of delivery. This warranty is the exclusive warranty given by GD-OTS Canada

LIMITATION ON WARRANTY: Simunition® conversion kits are designed to fire Simunition® reduced energy cartridges only. Use of this Simunition® conversion kit with any other kind or brand of ammunition shall void the warranty.

SIMUNITION®

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