

# Training FOR THE REAL WORLD®

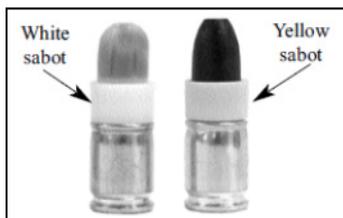


Fig. I  
9mm FX® (left) and CQT® (right)



Fig. II  
Kit components



Fig. III  
Pistol handling prior to disassembly



Fig. IV  
Disassembled pistol ready for conversion



Fig. V  
SIMUNITION® feeding ramp installation

## SIMUNITION® Conversion Kit for Walther PPQ 9mm Product N° 5312440

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 Simunition® 9 mm FX® and CQT® reduced-energy training 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.

The conversion kit for Walther PPQ pistols consists of four parts : (Fig. II)

- Part A: Slide Assembly
- Part B: Barrel
- Part C: Feeding Ramp
- Part D: Recoil Rod Assembly

### 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. III)
2. Following weapon OEM factory guidelines, remove the slide from the frame (if applicable). Assemble the SIMUNITION® barrel and recoil rod assembly into the SIMUNITION® slide (Fig. IV). Make sure that urethane washer is in place before installing the recoil rod assembly.
3. Position the SIMUNITION® feeding ramp (Part C) on the locking insert in the frame of the pistol (Fig. V).
4. While ensuring that the ramp remains in place on the locking insert, install the SIMUNITION® slide on the frame as per weapon OEM factory guidelines.
5. Manually cycle the weapon and ensure all weapon mechanisms are operational as per weapon OEM factory guidelines.
6. 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 to more than 80% of their capacity, and never with more than 10 rounds.**

**NOTE:** For optimal function with the kit, SIMUNITION® recommends that the barrel and chamber be cleaned using a 7.62 mm calibre 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, remove the SIMUNITION® slide from the frame as per weapon OEM factory guidelines.
3. Remove the feeding ramp from the locking insert.
4. Reassemble the service slide and frame as per weapon OEM factory guidelines.
5. Manually cycle the weapon and ensure all weapon mechanisms are operational as per weapon OEM factory guidelines.

List of spare parts:

- 5308238SP – Spare 8-32 X 1/4" Flat Head Socket Screw
- 5308837SP – Spare Feeding Ramp, P99
- 5308855SP – Recoil Rod Ass'y, Walther P99
- 5308878SP – Spare 2-56 X 1/4 Flt H. Sckt Scrw
- 5308879SP – Spare 2-56 X 3/16 Flt H. Skt Scrw
- 5311535SP – Spare Protane Disc. W. P99Q-08
- 5311541SP – Spare 5/64" Hexagonal Key
- 5311542SP – Spare 0,050" Hexagonal Key

For other conversion kits, please visit our website at [www.simunition.com](http://www.simunition.com)

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 twenty-four (24) months following the date of delivery. This warranty is the exclusive warranty given by GD-OTS Canada.

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

**SIMUNITION®**

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