



Fig. I - 9 mm reduced energy cartridges



Fig. II - 9 mm CQT® (Left) SecuriBlank® Loud (Center) & SecuriBlank® Quiet (Right)



Fig. III - Conversion Kits for launcher grenade



Fig. IV - Weapon unloaded



Fig. V - Blue discriminator ring orientation with cartridge adapter shell



Fig. VI - Install discriminator in weapon using unloaded adapter shell



Fig. VII - Weapon with discriminator installed



Fig. VIII - 'Loaded' cartridge adapter shells

SIMUNITION® 9mm Conversion Kit for 40mm Low-Velocity Grenade Launcher Product No. 5312400

Handling and Safety Instructions

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® 9mm reduce energy cartridges requires the installation of the appropriate conversion kit. Proper installation of the kit is required to help preclude the inadvertent chambering of most live lethal 40X46mm Low Velocity shell 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 kits for grenade launcher (single shot only) consists of four parts : (Fig. III)

- Part 1 : Simunition® adapters shell 9mm FX® reduce energy (3 units/kit) (PN: 5312405SP for one unit)
- Part 2 : Blue discriminator ring (PN: 5312410SP)
- Part 3 : Spent case push rod (PN: 5302690SP)
- Part 4 : Discriminator removal tool assembly for 37mm and 40mm (PN:5312404SP)

NOTES:

1. Use this conversion kit only with single shot low velocity grenade launchers.
2. Part Numbers (PNs) can be purchased individually as spare parts.

Installation of conversion kit for use with Simunition® 9mm FX® reduce energy ammunition:

1. Following weapon OEM factory guidelines and pointing the grenade launcher muzzle in a safe direction, verify that the weapon is unloaded. (Fig IV)
2. Inspect the chamber/bore and clear any obstructions. Lightly lube the chamber.
3. Lubricate the "O" ring on the discriminator (Fig III, Part 2) before installation. Insert the blue discriminator ring on an **'unloaded'** cartridge adapter shell (Fig V), with the **'O' ring closest to the base** of the cartridge adapter shell.
4. With the breech open, insert the discriminator with the **'unloaded'** cartridge adapter shell into the chamber (Fig VI) until fully chambered. Close the action on **'unloaded'** cartridge adapter shell; this will seat the discriminator at the proper depth.
5. Eject the adapter shell (Fig VII). The Grenade Launcher is now ready to receive FX® **'loaded'** cartridge adapter shells.
6. When ready to start training, insert a Simunition® 9mm FX® reduce energy cartridge in each of the adapter shells (Fig VIII).
7. With the weapon muzzle pointed in a safe direction, insert the **'loaded'** cartridge adapter shells into the weapon as per weapon OEM factory guidelines. The weapon is now ready for training and fire.
8. During training, fire and unload weapon as per OEM instructions. Once the training scenario is completed, recover the ejected cartridge adapter shells and using the spent case push rod (Fig III, Part 3) provided in the kit, push out the spent FX® cartridge case. Note: You may also be able to remove the spent cartridge case with your fingers from the rear cartridge adapter shell.

To prepare the grenade launcher for use with service ammunition:

1. Following weapon OEM factory guidelines and pointing the grenade launcher muzzle in a safe direction, verify that the weapon is unloaded. (Fig IV).
2. With the breech open, use the supplied removal tool cord-assembly (Fig III, Part 4) starting from the muzzle, insert the end cable end first) and pull out discriminator.
3. Manually cycle the weapon and ensure all weapon mechanism is operational as per weapon OEM guidelines.

Training FOR THE REAL WORLD®

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® AND SECURIBLANKS TRAINING CARTRIDGES ARE NON-LETHAL, CQT® IS CONSIDERED LETHAL TRAINING ROUND.

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® FX® 9000 Protective Masks series are designed for use with 9mm, .38 FX® and/or 5.56 mm FX® Marking cartridges only. Use of any other ammunition is dangerous and shall void this warranty.

SIMUNITION®

Trademarks and registered trademarks of General Dynamics Ordnance and Tactical Systems-Canada Inc. are denoted by TM and ® respectively.

© 2015 GD-OTS Canada

Canada General Dynamics Ordnance and Tactical Systems-Canada Inc.
5 Montée des Arsenaux, Repentigny, Québec, Canada J5Z 2P4
Tel.: 1-450-581-5999 Fax: 1-450-581-0231
E-mail : info@simunition.com
Management System certified to ISO 9001, ISO 14001, OHSAS 18001

US General Dynamics Ordnance and Tactical Systems-Simunition® Operations
P. O. Box 576, Avon, CT 06001-0576 USA
Toll free US only : 1-800-465-8255 ; 1-860-404-0162 Fax: 1-860-404-0169
E-mail : info@simunition.com

Web site www.simunition.com

Print in CANADA 2015-05

5312402.FTSIM (rev. 00)