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TRUGLO TG13MP1PC

TRUGLO TFX PRO Handgun Sight User Manual

Model: TG13MP1PC | Brand: TRUGLO

1. Introduction

The TRUGLO TFX PRO Handgun Sight is an advanced sighting system designed to provide superior visibility in all lighting conditions. It combines the power of tritium and fiber optics to ensure a bright, clear sight picture day or night. This manual provides essential information for the safe and effective use, installation, and maintenance of your TFX PRO sights.

2. Key Features

- **Day and Night Visibility:** Utilizes concealed fiber-optic and tritium vials for 24-hour illumination without batteries or light exposure.
- **Focus Lock Technology:** Features a high-contrast orange Focus Lock front ring for rapid sight acquisition and accurate shooting.
- **Durable Construction:** Patented hermetically-sealed TFX capsule protects against oils, chemicals, cleaning solvents, and ultrasonic cleaning processes.
- **Robust Material:** CNC-machined steel body with a rust-resistant Fortress Finish for maximum durability.
- **Compact and Snag-Free:** Designed to fit standard holsters and provide a longer sight radius.



Image: Overview of TRUGLO TFX PRO features and dimensions.



Image: Details on Focus Lock Ring, Nitride Fortress Finish, and Sealed TFX Capsule.

3. Safety Information

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Always handle firearm accessories responsibly and in accordance with local laws and regulations.

- Always ensure your firearm is unloaded and safe before attempting any installation or maintenance.
- Wear appropriate eye protection during installation.
- If you are not experienced with firearm sight installation, it is highly recommended to seek assistance from a qualified gunsmith. Improper installation can damage the sights or the firearm.



Image: Important warnings and warranty details from product packaging.

4. Installation

TRUGLO TFX PRO sights are designed for specific handgun models. Verify compatibility before attempting installation. Professional installation by a qualified gunsmith is strongly recommended to prevent damage to the sights or your firearm.

4.1 Compatibility

Ensure your handgun model is listed as compatible with the TG13MP1PC sight set. This particular set is designed for Smith & Wesson M&P models (including Shield, M&P 22, compact, and C.O.R.E. models, excluding VE models).



SIGHT MODEL	COMPATIBLE HANDGUN MODELS
TG13BR1PC	Beretta® PX4 Storm (excluding Compact) (Front Only)
TG13CZ1PC	CZ® 75 Series
TG13FN1PC	FNH® FNP-9, FNX-9 &FNS-9 (including Compact)
TG13FN2PC	FNH® FNP-40, FNX-40 &FNS-40 (including Compact)
TG13FN3PC	FNH® FNP-45, FNX-45
TG13GL1PC	Glock® 17 / 17L, 19, 22, 23, 24, 26, 27, 33, 34, 35, 38, and 39 (Excluding M.O.S. models)
TG13GL2PC	Glock® 20, 21, 25, 28, 29, 30, 31, 32, 37, 40, and 41 (Excluding M.O.S. models)
TG13GLAPC (TFX front, Adjustable Rear)	Glock® 17 / 17L, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 37, 38, 39, 41 (Excluding M.O.S. models)
TG13GL3PC	Glock® 42, 43
TG13HP1PC	H&K® VP9, VP40, P30, P30SK, P30L, 45, & 45 Tactical (including Compact)
TG13KA1PC	Kahr Arms® K, MK, P, PM, T & TP models with new dovetail (produced after 2004)
TG13KM1PC	Kimber® 1911 models with FIXED REAR SIGHT
TG13NV1PC	1911 cut** .260 front / .450 rear (1911 5" Government .45 ACP) Ruger® SR1911 Models with fixed rear sight
TG13NV2PC	1911 cut** .270 front / .450 rear (1911 5" Government 9mm / 40SW)
TG13NV3PC	1911 cut** .260 front / .500 rear (1911 3" Officers & 4.24" commander .45 ACP / 9mm / 40SW)
TG13NV4PC	1911 cut** .270 front / .500 rear (1911 5" Government .45 ACP)**
TG13RS1PC	Ruger® SR9 / SR9C, SR40 / SR40C, SR45
TG13RS2PC	Ruger® LC9 / 9s / 380
TG13RS3PC	Ruger® American 9mm and .45
TG13MP1PC	S&W® M&P (including SHIELD &.22 models, excluding .22 Compact / C.O.R.E. models), SD9 and SD40 (excluding VE models)
TG13SJ1PC	S&W® J-frame models with pinned front sight (front sight only)
TG13SG1PC	Sig® #8 Front / #8 Rear Sets (excluding P365 models)
TG13SG2PC	Sig® #6 Front / #8 Rear Sets
TG13XD1PC	Springfield® XD Series (XD, XDS, XDE, XDM excluding 5.25" Comp Series)
TG13SM1PC	Steyr® Mannlicher M-A1, C-A1, S-A1, L-A1
TG13TA2PC	Taurus® Millennium G2, 709 Slim, 740 Slim
TG13WA1PC	Walther® P99 and PPQ
TG13WA2PC	Walther® PPS (except M2)
TG13WA4PC	Walther® PPS M2
TG13WA3PC	Walther® CCP

Due to gun manufacturers' machining tolerances, point-of-impact may differ slightly.
**** to fit Novak® LoMount™ dovetail sight-cut profile models (not endorsed by Novak® Designs Inc.)**

Image: Detailed compatibility chart for various handgun models and TRUGLO TFX PRO sights.

4.2 Installation Process (Professional Recommended)

Installation typically involves removing existing sights and pressing the new TFX PRO sights into the dovetail slots on the slide. A sight pusher tool is highly recommended for proper installation. Avoid using a hammer and punch, as this can damage the sights or the firearm's slide.

- **Preparation:** Ensure the firearm is completely unloaded and safe. Secure the slide in a padded vise.
- **Remove Old Sights:** Carefully remove the existing front and rear sights using a sight pusher or appropriate tools.
- **Install New Sights:** Apply a light coat of oil to the dovetail cuts. Using a sight pusher, carefully press the new TRUGLO TFX PRO sights into place. Ensure they are centered on the slide.
- **Secure (if applicable):** Some rear sights may have a set screw. If so, apply blue thread locker to the screw and tighten it to secure the sight.
- **Function Check:** After installation, perform a thorough function check of your firearm to ensure all components operate correctly.



Image: The TRUGLO TFX PRO front and rear sight components.

5. Operating Instructions

The TRUGLO TFX PRO sights are passive devices that enhance your aiming capabilities. They do not require batteries or external light sources to function. The fiber optics gather ambient light during the day, and the tritium provides self-illumination in low-light or no-light conditions.

- **Daytime Use:** The bright fiber-optic elements, especially the high-contrast orange ring on the front sight, provide a clear and fast sight picture in daylight. Align the front sight dot within the two rear sight dots.
- **Nighttime Use:** In low-light or dark environments, the tritium elements glow continuously, allowing for accurate aiming. The three-dot system (one front, two rear) remains visible.
- **Emergency One-Handed Operation:** The aggressive angled rear sight edge can be used for one-handed slide racking in emergency situations.



Image: Detailed view of the TRUGLO TFX PRO front sight, highlighting the orange Focus Lock ring.



Image: Detailed view of the TRUGLO TFX PRO rear sight, showing the U-notch design and tritium vials.

6. Maintenance

The TRUGLO TFX PRO sights are designed for minimal maintenance due to their robust construction and sealed components.

- **Cleaning:** The sights are impervious to common gun oils, chemicals, cleaning solvents, and ultrasonic cleaning processes. Clean them as you would clean your firearm, ensuring no residue obstructs the fiber-optic elements.
- **Inspection:** Periodically inspect the sights for any signs of damage or loosening. Ensure they remain securely seated in the slide's dovetail.
- **Storage:** Store your firearm with the sights in a cool, dry place, protected from extreme temperatures and humidity.

7. Troubleshooting

- **Sights Not Glowing:** Ensure the sights have been exposed to some light to charge the fiber optics (for daytime brightness). Tritium elements glow continuously, but their brightness can appear diminished in well-lit environments. If tritium is completely dark in absolute darkness, contact TRUGLO support.
- **Difficulty Installing:** Sight installation can be challenging due to tight tolerances. If you encounter significant resistance or cannot install the sights, do not force them. Seek professional installation from a qualified gunsmith who has specialized sight pusher tools.
- **Sights Appear Loose:** If sights become loose after installation, ensure any set screws are properly tightened (with thread locker if applicable). If they continue to loosen, professional re-installation may be required.
- **Impact Shift:** If your point of impact changes after sight installation, your sights may need to be adjusted for windage (left/right). This typically requires a sight pusher tool and live-fire testing at a shooting range.

8. Specifications

Attribute	Detail
Model Name	Compact Snag-Free Durable Shock-Resistant Glowing Tritium & Fiber-Optic Xtreme Night Sight
Part Number	TG13MP1PC
Material	Steel
Finish	Fortress Finish (Rust-resistant)
Illumination	Tritium & Fiber-Optic
Front Sight Feature	High-contrast orange Focus Lock ring
Rear Sight Feature	U-notch design, Angled for one-handed operation
Compatibility	Smith & Wesson M&P Set (excluding VE models)
Item Package Dimensions	6.14 x 5.28 x 1.42 inches
Package Weight	0.04 Kilograms (approx. 0.09 lbs)

9. Warranty and Support

TRUGLO TFX PRO sights come with a **12-Year Limited Warranty**. This warranty covers defects in materials and workmanship under normal use. For specific warranty details, claims, or technical support, please refer to the information provided on the product packaging or visit the official TRUGLO website.
For further assistance or inquiries, please contact TRUGLO customer service through their official channels.

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