

[Manuals.plus](#) /

> [ArmaLaser](#) /

> ArmaLaser TR41 Red Laser Sight Instruction Manual

ArmaLaser TR41

ArmaLaser TR41 Red Laser Sight Instruction Manual

Model: TR41

1. INTRODUCTION

The ArmaLaser TR41 is a state-of-the-art red laser sight specifically designed for the Taurus GX4 pistol. It features patented GripTouch Activation, ensuring the laser activates automatically when the firearm is gripped normally. Constructed from durable DuPont Zytel polymer, the TR41 offers a custom fit, reliable performance, and simple installation, enhancing targeting capabilities for users.



Image: The ArmaLaser TR41 mounted on a Taurus GX4 pistol, demonstrating its compact fit and the visible red laser beam.

2. SAFETY INFORMATION

Always prioritize safety when handling firearms and laser devices. Read and understand all instructions before operating the

ArmaLaser TR41. This device is an FDA Class IIIa Laser Product. Adhere to the following safety guidelines:

- **Laser Radiation:** Avoid direct eye exposure to the laser beam. The laser output is less than 5mW and complies with 21 CFR 1040.10 and 1040.11.
- **Firearm Safety:** Always follow all standard firearm safety rules, including keeping the muzzle pointed in a safe direction, keeping your finger off the trigger until ready to shoot, and keeping the firearm unloaded until ready for use.
- **Children:** Keep the laser sight and firearm out of reach of children.
- **Maintenance:** Ensure the laser sight is properly maintained and functioning correctly. Do not attempt to modify the laser sight.



Image: Official FDA warning label for Class IIIa laser products, emphasizing the need to avoid direct eye exposure.

3. PACKAGE CONTENTS

Verify that all the following items are included in your ArmaLaser TR41 package:

- ArmaLaser TR41 Laser Sight
- Battery
- Extra Battery Door Screws
- Small Screwdriver
- Cleaning Swabs
- FDA Labels
- Instruction Manual (this document)

4. SETUP AND INSTALLATION

The ArmaLaser TR41 is designed for simple, custom installation on your Taurus GX4. Ensure the firearm is unloaded and safe before beginning installation.

4.1. Attaching the Laser Sight

1. Ensure your Taurus GX4 is unloaded and the chamber is clear.
2. Align the TR41 laser sight with the frame of your Taurus GX4, ensuring the front of the laser sight slides onto the rail.
3. Gently push the laser sight into place until it clicks securely. The custom fit design ensures a snug attachment without the need for additional tools for initial mounting.
4. Verify the laser sight is firmly attached and does not wobble.



Image: Visual representation of the ArmaLaser TR41 attached to a pistol frame, illustrating the proper fit.

4.2. Laser Adjustment (Windage and Elevation)

The TR41 laser sight can be adjusted for windage (horizontal) and elevation (vertical) to zero the laser with your firearm's point of impact. Use the small screwdriver or hex key provided.

- **Windage Adjustment:** Located on the side of the laser sight. Turn the screw clockwise to move the laser dot left, and counter-clockwise to move it right.
- **Elevation Adjustment:** Located on the bottom of the laser sight. Turn the screw clockwise to move the laser dot down, and counter-clockwise to move it up.
- Make small adjustments and test fire to achieve desired accuracy.



Image: Detailed diagram highlighting the adjustment screws for windage and elevation, along with other key components of the TR41.

5. OPERATING INSTRUCTIONS

5.1. GripTouch Activation

The ArmaLaser TR41 features patented GripTouch Activation. The laser automatically turns on when you grasp your firearm normally, and turns off when you release your grip. There are no buttons or switches to operate for basic activation.



Image: Visual explanation of the GripTouch technology, showing the laser activating as the firearm is gripped.

5.2. Master Kill Switch and Mode Selection

The TR41 includes a master kill switch to completely deactivate the laser, useful for training with iron sights. It also allows switching between a steady beam and a pulsing beam.

- **Master Kill Switch:** Refer to the diagram for the location of the programming button/master kill switch. Press and hold the programming button for a few seconds to toggle the laser on/off, overriding GripTouch activation.
- **Beam Mode Selection:** Briefly press the programming button to cycle between steady beam and pulsing beam modes.

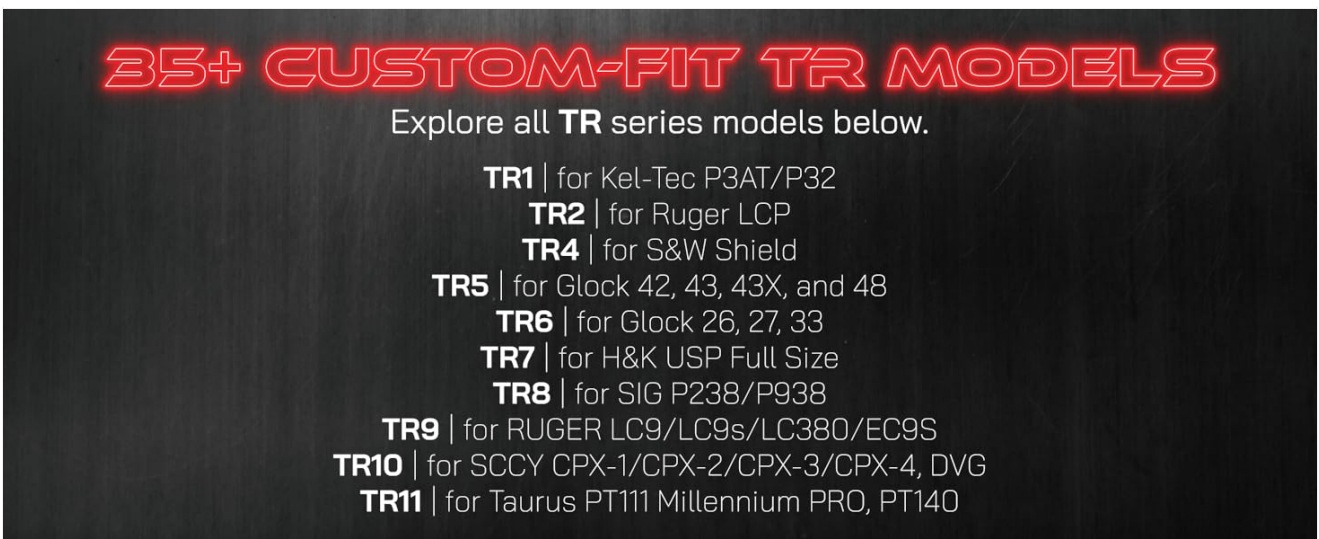


Image: Illustration of the sleep and pulse modes, indicating how to deactivate the laser or change its beam pattern.

6. MAINTENANCE

6.1. Battery Replacement

The TR41 uses a standard battery (included). When the laser beam dims or fails to activate, it's time to replace the battery. The convenient battery door design allows for easy replacement without affecting your laser's zero.

1. Locate the circular battery door on the side of the laser sight (refer to the diagram in Section 4.2).
2. Use the small screwdriver to carefully open the battery door.
3. Remove the old battery and insert a new one, ensuring correct polarity.
4. Close the battery door securely with the screws.

6.2. Cleaning

Keep the laser lens and body clean for optimal performance. Use the provided cleaning swabs or a soft, lint-free cloth.

- Gently wipe the laser lens to remove any dust or debris.
- Clean the body of the laser sight with a damp cloth if necessary. Avoid harsh chemicals.



Image: Visuals demonstrating the convenient battery door for easy replacement and the use of a hex key for laser adjustment.

7. TROUBLESHOOTING

If you encounter issues with your ArmaLaser TR41, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Laser does not turn on.	Low or dead battery; Master kill switch engaged; Improper installation.	Replace battery; Disengage master kill switch (briefly press programming button); Re-install laser sight securely.
Laser beam is dim or flickers.	Low battery.	Replace battery.
Laser dot is not accurate.	Needs zeroing; Loose attachment.	Adjust windage and elevation (Section 4.2); Ensure laser sight is securely attached to the firearm.
GripTouch activation is inconsistent.	Improper grip; Sensor obstruction.	Ensure a firm, natural grip on the firearm; Check for any debris or obstruction on the touch sensor area.

8. SPECIFICATIONS

Feature	Detail
Model Name	TR41

Feature	Detail
Compatibility	Taurus GX4 (Does NOT fit other pistols)
Laser Type	635nm Red Laser (considerably brighter than 650nm)
Laser Class	FDA Class IIIa Laser Product (less than 5mW power output)
Activation	GripTouch Activation
Material	DuPont Zytel Polymer
Weight	Approximately 2 Ounces
Range	Up to 100 yards daylight, over 2 miles at night
Adjustments	Adjustable Windage and Elevation
Features	Master Kill Switch, Steady/Pulsing Beam Modes, Convenient Battery Door
Manufacturing	Designed and assembled in Florida, USA
UPC	768612034607

9. WARRANTY AND SUPPORT

9.1. Warranty Information

ArmaLaser provides a **5-year limited warranty** on the TR41 laser sight and its accessories. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

9.2. Customer Support

For further assistance, technical support, or warranty inquiries, please refer to the official ArmaLaser website or contact their customer service department. Contact information can typically be found on the manufacturer's packaging or website.