TRIGGERTECH

Tikka

Models T3, T3X & T1X

Disclaimer
Limited Warranty
Satisfaction Guarantee
Installation Instructions

WARNING: Failure to properly install your trigger and ensure proper safety functionality could result in an unsafe firearm. Read and follow all instructions. Contact TriggerTech or a licensed gunsmith for assistance.

FD2D

TriggerTech Disclaimer

Improper handling, installation, storage and/or use of TriggerTech products and/or the firearm in which they are installed, can cause death, serious injury and/or property damage.

TriggerTech products are designed solely for installation and use in the specific firearm for which they are advertised. It is the purchaser's responsibility to determine compatibility.

Aftermarket trigger handling and installation can involve complicated procedures and presuppose knowledge of firearms handling. If a purchaser or user is not familiar, or not sufficiently familiar, with firearms handling and exchanging out trigger components, the purchaser or user (collectively, "Purchaser") must seek further information and assistance from a gunsmith or other qualified professional.

By installing or using any purchased TriggerTech trigger product ("TT Product") the Purchaser agrees to the following terms and conditions: 1.The Purchaser will abide by all applicable firearm safety laws, protocols, and regulations in force in the jurisdiction

where the TT Product is handled, installed, stored and/or used; 2. The Purchaser certifies that he/she is legally entitled to purchase and use the TT Product and the firearm in which it is to be installed, in the jurisdiction where the TT Product is purchased and used; 3. The Purchaser assumes responsibility for ensuring that any users of the TT Product comply with these terms and conditions and with all applicable firearms safety protocols and regulations when handling, installing, storing and/or operating the TT Product; 4. The Purchaser agrees to conduct a test for proper trigger fit and function, before each use of the TT Product, with the firearm in which it is installed in an unloaded condition. Never assume the TT Product works without testing it; 5. The Purchaser agrees to consistently use a trigger lock on the installed TT Product, together with any related safety mechanism on the firearm in which the TT Product is installed; 6. The Purchaser agrees to contact TriggerTech immediately in the event of any change or loss of trigger function; 7. Following installation, the Purchaser will not conduct any maintenance of the TT Product which requires disassembly of the TT Product, in whole or part; 8. In no event shall TriggerTech be

liable for any direct, indirect, incidental, special, consequential or punitive damages arising from loss of life, personal injury and/or property damage, in connection with the use or misuse of the TT product, or the firearm in which the TT Product is installed; 9. TriggerTech is not responsible for the acts or omissions of the Purchaser resulting from a lack of training or knowledge of firearms handling, or failure to properly implement such training and knowledge; 10. The Purchaser assumes the risk and all liability for death, injury, and loss and damage to persons or property caused by use or installation inconsistent with TriggerTech's instructions, negligent or intentional use or misuse of the TT Product, or the firearm in which the TT Product is installed.

TriggerTech Limited Warranty

TriggerTech warrants to the original retail purchaser that this TriggerTech product will be free from manufacturing and handling defects for thirty days after the original sale of the product, and from manufacturing defects for the life of the product. This warranty only applies if this product was manufactured and sold by TriggerTech. This warranty excludes conditions caused by excessive wear and tear, aggressive handling, unreasonable use, modifications, alteration, tampering, misuse, improper installation, or other factors outside TriggerTech's control. Modifying the product in any way VOIDS this warranty. This limited warranty does not extend to future performance.

No TriggerTech representative, distributor or reseller is authorized to assume any other obligation or liability in connection with the product, or to alter the terms of this warranty.

ALL WARRANTIES OTHER THAN STATED HEREIN ARE DISCLAIMED, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE,

TO THE EXTENT ALLOWABLE BY APPLICABLE LAW. ALL LIABILITY FOR INCIDENTAL, PUNITIVE, SPECIAL, OR CONSEQUENTIAL DAMAGES ARE EXPRESSLY DISCLAIMED, TO THE EXTENT ALLOWABLE BY APPLICABLE LAW.

TriggerTech does not assume any liability arising from loss of life, personal injury and/or property damage in connection with the use, misuse or modification of the TT product, or the firearm in which the TT Product is installed.

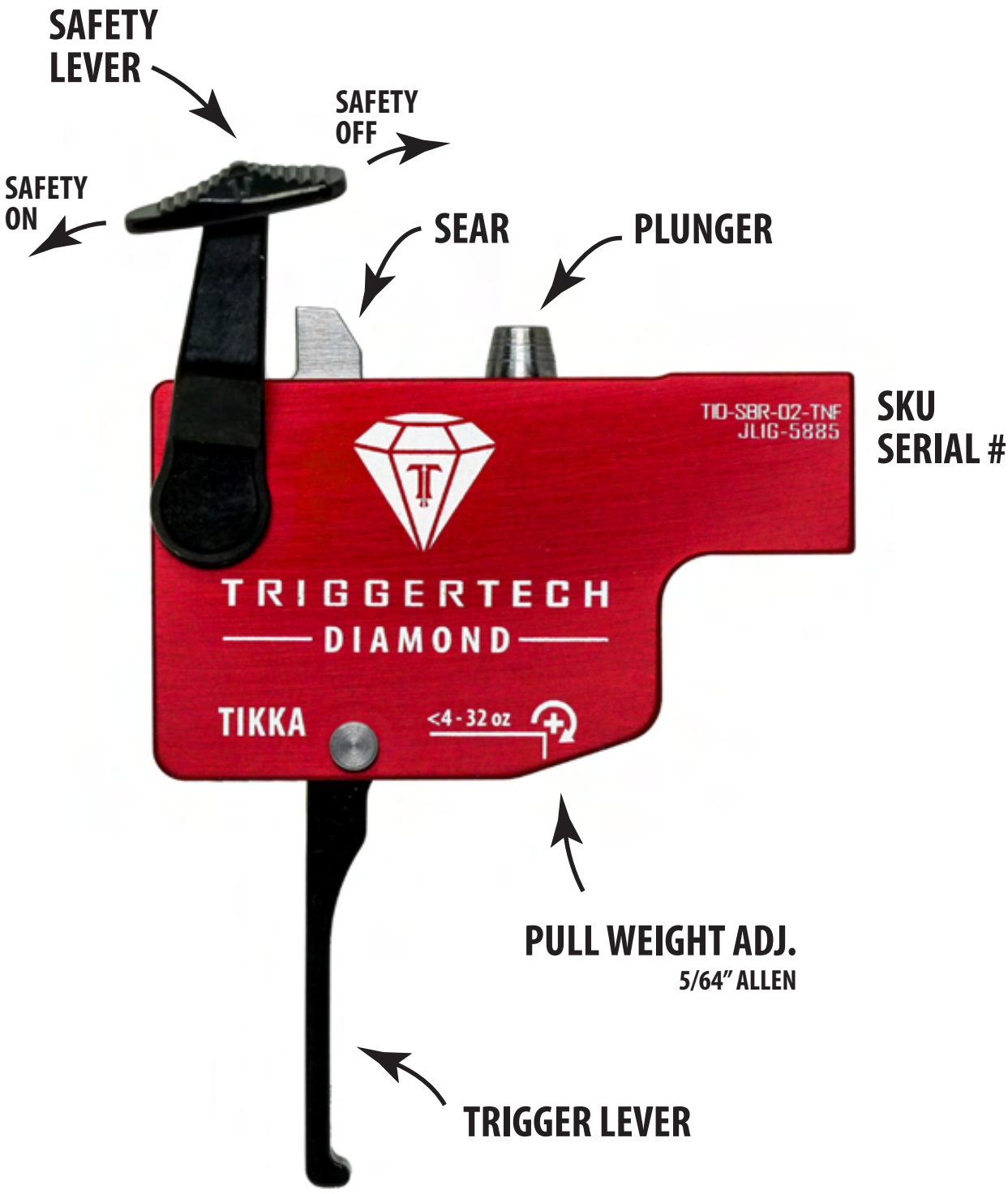
Warranties are handled directly by TriggerTech, not through our dealer network. To obtain warranty coverage, please contact us directly at the number/website below for a return authorization. Product alleged to be defective must be returned to TriggerTech for inspection. The cost of shipping to us is the customer's responsibility. Any products determined by TriggerTech to require warranty coverage, will be replaced or repaired, at TriggerTech's sole option.

Note: Installation of your TriggerTech trigger may void all or part of your firearm manufacturer's warranty, so please check with the firearm manufacturer to find out if installation will affect your firearm warranty prior to installation of the trigger.

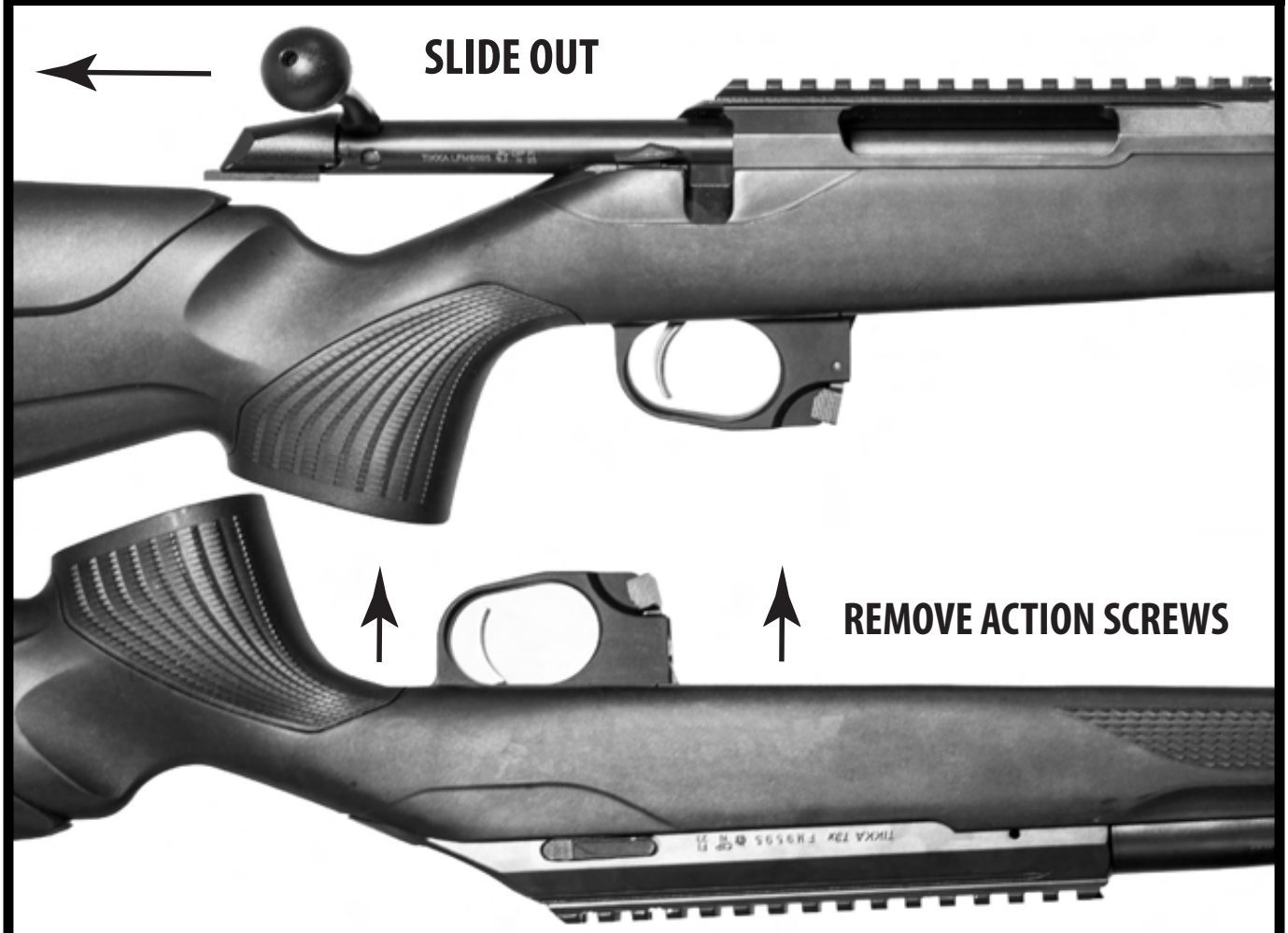
TriggerTech Satisfaction Guarantee

TriggerTech triggers have distinctively less creep than competitors' products. While most shooters view this as a benefit, some may not enjoy the distinct, crisp feeling of a TriggerTech trigger. If you are the original purchaser and are not satisfied with the zero-creep break of your TriggerTech trigger, you may return it to TriggerTech within thirty (30) days of purchase, in the original packaging and with proof of purchase. Provided the trigger is undamaged, TriggerTech will refund the purchase price.

TriggerTech Tikka trigger



Step 1: Unload your firearm and remove the bolt and stock



1a) Read TriggerTech Disclaimer and TriggerTech Lifetime Warranty prior to installation and use.

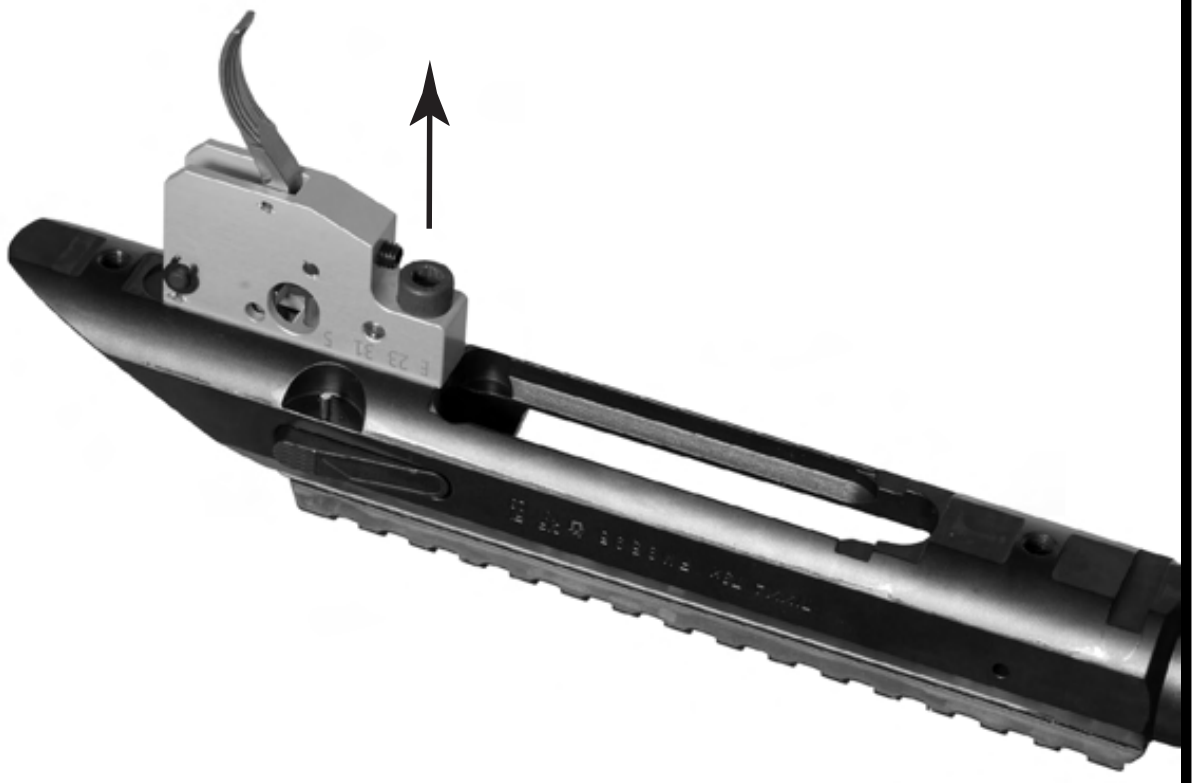
1b) Remove all ammunition and magazines.

1c) Remove the bolt from your firearm by pressing the bolt release while sliding the bolt aft-ward.

1d) Using the appropriate Torx driver (typically T25), carefully remove your stock from the action.

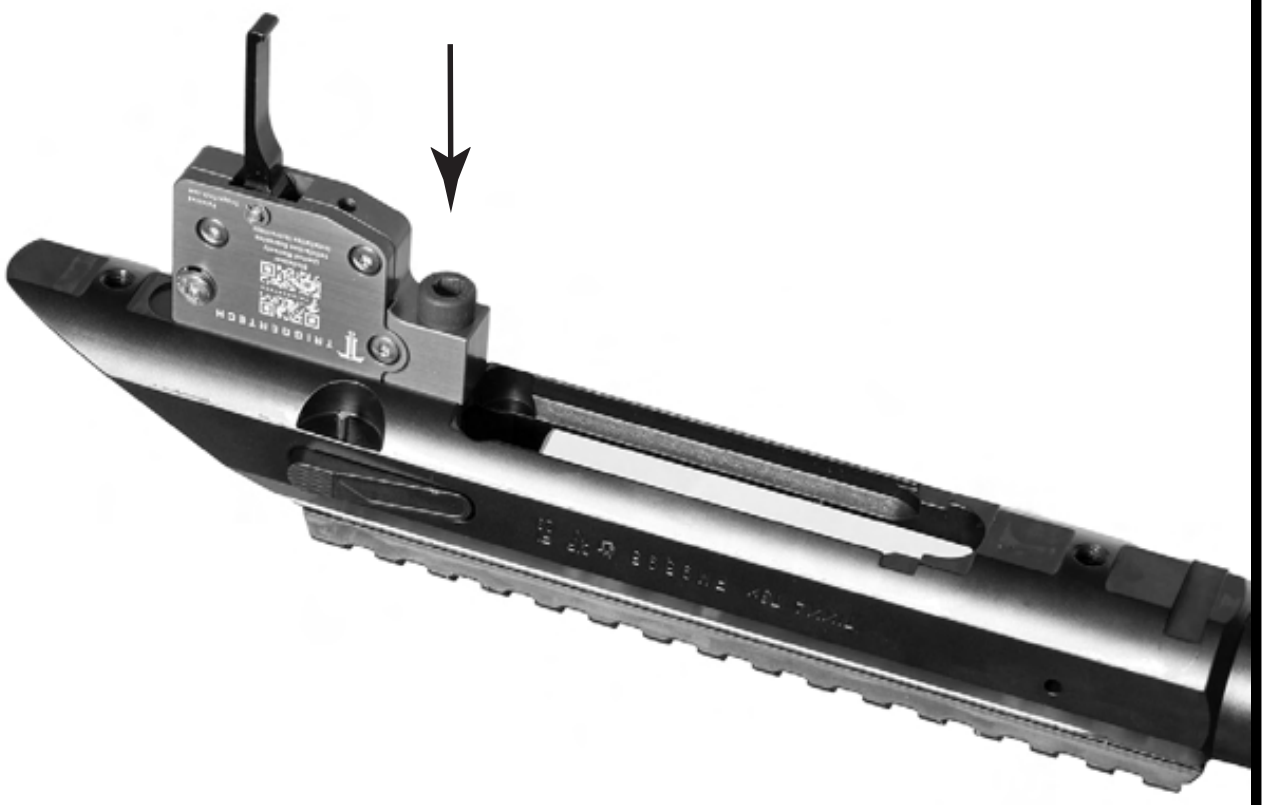
NOTE: Remember the size and location of each bolt you remove from the stock for reassembly.

Step 2: Remove the existing trigger



2. Unscrew the trigger bolt with the appropriate screw driver (typically a Hex 5) to remove the trigger (trigger safety on).

Step 3: Install your TriggerTech trigger



3. Insert the TriggerTech trigger assembly into the action with the trigger safety on. Using the same factory trigger bolt from Step 2. Tighten bolt to 55-65 in-lbs.

Step 4: Re-install the stock and bolt



4a) Using the same screws from Step 1, re-install your stock onto the action.

4b) Insert the bolt and check the bolt release functionality. The bolt should only be removable while the bolt release is being pressed. When the bolt release is not being pressed, the bolt should not be removable.

Step 5: Check trigger safety and function

Prior to using your firearm, perform the following tests **without ammunition** to see if your installation was done correctly.

5a) Place the Safety in the SAFE position and verify that the bolt handle is locked and cannot be lifted.

5b) Place the Safety in the FIRE position and cycle the bolt. The firing pin should remain cocked and should not release

5c) Place the Safety in the FIRE position and cycle the bolt to cock the firing pin. Then place the Safety in the SAFE position and pull the trigger lever. The firing pin should NOT release or move.

5d) Place the Safety in the FIRE position, cycle the bolt, and pull the trigger lever. The firing pin should release

5e) Place the Safety in the FIRE position and cycle the action. Then place the Safety in the SAFE position and move the safety back to the FIRE position. The firing pin should NOT release or move.

5f) Place the Safety in the SAFE position and apply firm pressure to the trigger lever (no audible clicks should be heard). Release the trigger lever, then move the Safety to the FIRE position. The firing pin should not release.

Step 5: Check trigger safety and function (cont.)

5g) Place the Safety in the FIRE position, cycle the bolt to cock the firing pin, and firmly tap the buttstock against a padded surface. The firing pin should not release (NEVER PERFORM THIS STEP WITH LIVE AMMUNITION).

5h) At a properly supervised shooting range, safely repeat Steps 5b through 5f using live ammunition with the rifle pointed in a safe direction to confirm correct trigger operation. DO NOT PERFORM STEP 5g WITH LIVE AMMUNITION.

Step 6: Pull weight adjustment



Your TriggerTech trigger is set near the middle of the advertised pull weight range and can be adjusted in increments. To adjust pull weight, insert the supplied 5/64" Allen wrench into the set screw located at the bottom of your trigger. To increase pull weight, rotate the set screw clockwise. Pull weight varies between actions.

WARNING: It is recommended to operate your trigger at, or above, factory setting. Exercise caution when adjusting your pull weight and repeat Step 5 prior to using live ammunition.

NOTE: Always keep the set screw engaged with at least three "Clicks" to prevent the set screw from falling out.

Pull weight adjustment warning

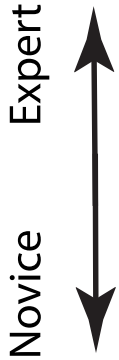
The TriggerTech Tikka trigger has an adjustable pull weight. The factory setting is near the middle of the advertised range (caution - pull weights may vary dramatically from the factory setting due to variability found in actions). There is such a thing as a trigger that is too light to be considered safe. This weight will change depending on the specifics of the gun, the experience of the shooter and the intended use case (how the gun and all of its components are operated/handled). TriggerTech strongly recommends that you get some trigger time on your TriggerTech trigger before adjusting the break weight below the factory setting (a trigger set at 4.0 lbs is safer than a trigger set at 2.5 lbs). As you reduce the pull weight of a TriggerTech Trigger you are reducing the amount of spring tension in the trigger and it is possible that you may reach a point where the trigger in a specific gun is not safe for the intended use case and/or the shooter.

Your trigger's pull weight may change slightly over the trigger's lifetime as the parts wear in. Any change should be gradual and not in excess of 6 oz or 15% (whichever is less). A change in excess of this range, or any sudden change, is a sign that something is not right, and your firearm may not be safe. Stop using your trigger and contact TriggerTech Support (support@triggertech.com) 1-888-795-1485. TriggerTech recommends that you check your pull weight prior to use to ensure it set at an appropriate level.

See TriggerTech Bolt Action Pull Weight Guide. To ensure safety, never chamber a round until the rifle is safely pointed on a target and you are ready to fire. Shooters are reminded to always follow the NRA Gun Safety Rules.

Pull weight adjustment warning (continued)

TriggerTech Bolt Action Pull Weight Guide



	Low	High
Competition at certified range	<1.0 lbs	5.0 lbs
Range shooting	1.5 lbs	5.0 lbs
Stationary hunting	2.5 lbs	5.0 lbs
General hunting	3.5 lbs	5.0 lbs
Cold weather / home defense	4.5 lbs	5.0 lbs

Pull Weight

Maintenance / Cleaning

Your TriggerTech trigger is designed to operate maintenance and lubricant free. It is recommended that you minimize the amount of oil and gun cleaning products that get in contact with the trigger.

If you believe your trigger is not working properly due to contamination, we recommend you take to following steps:

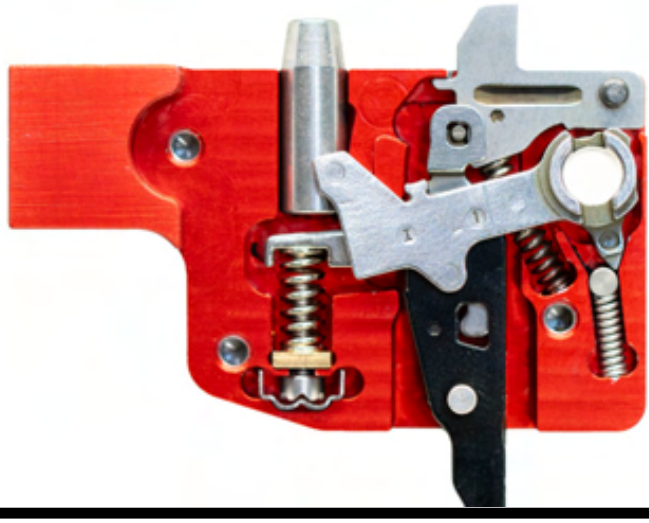
1. Ensure your firearm is unloaded.

2. Cycle the action, dry fire the rifle repeatedly. If necessary, try holding the rifle in different orientations while doing this.

3. If step 2 is unsuccessful, remove your TriggerTech trigger from the action and you can try to clean with compressed air and/or a grease cutting agent that does not leave residue. We recommend lighter fluid, letting it dry, and blowing out the trigger with compressed air. Follow the TriggerTech Installation Instructions when reinstalling your trigger.

4. If step 3 is unsuccessful, we do NOT recommend opening your trigger housing and suggest you contact TriggerTech and arrange to have your trigger serviced. Note: breaking the "void if removed" will indicate that you have opened your trigger and may void the Limited Warranty.

In the event you decide to ignore our recommendations and open your TriggerTech trigger, this is an image of the internal assembly:



Damaging your trigger

We have gone to great lengths to design the most reliable and dependable triggers on the market and we are constantly striving to improve the safety and performance of all TriggerTech products. However, TriggerTech triggers are precision mechanical devices and they can be damaged. A damaged trigger could be or become unsafe.

The following are conditions that may damage your trigger:

• Pierced Primer / Overpressure - the dynamic forces of the event may damage your trigger and prevent it from functioning safely.

• Untimed Action Damage - when you close the bolt with an untimed action you are hammering your trigger sear with the cocking piece. This can cause accelerated and unusual wear on your trigger and cocking piece. Excessive wear caused by an untimed action may cause your firearm to become unsafe as you can damage and /or break the cocking piece and/or trigger components. This is especially true with aggressive or repetitive dry cycling of your action. Cycling an untimed action without ammunition is more severe from a wear perspective than cycling with ammunition as moving ammunition will slow the bolt. TriggerTech recommends that you ensure your action is properly timed prior to use.

• Damaging your trigger when installing trigger pins during install - if you do not follow Step 4, you may damage the trigger by attempting to hammer a trigger pin through a trigger pin hole that is not aligned with the action mounting hole. Damage severity can range from cosmetic damage to the housing to catastrophic

Damaging your trigger (continued)

damage where the trigger will no longer be able to be mounted to the action or function safely. It is possible to cause the trigger to fall out of factory alignment and in this case may cause degradation of the trigger's safety and/or performance.

Shooters are reminded:

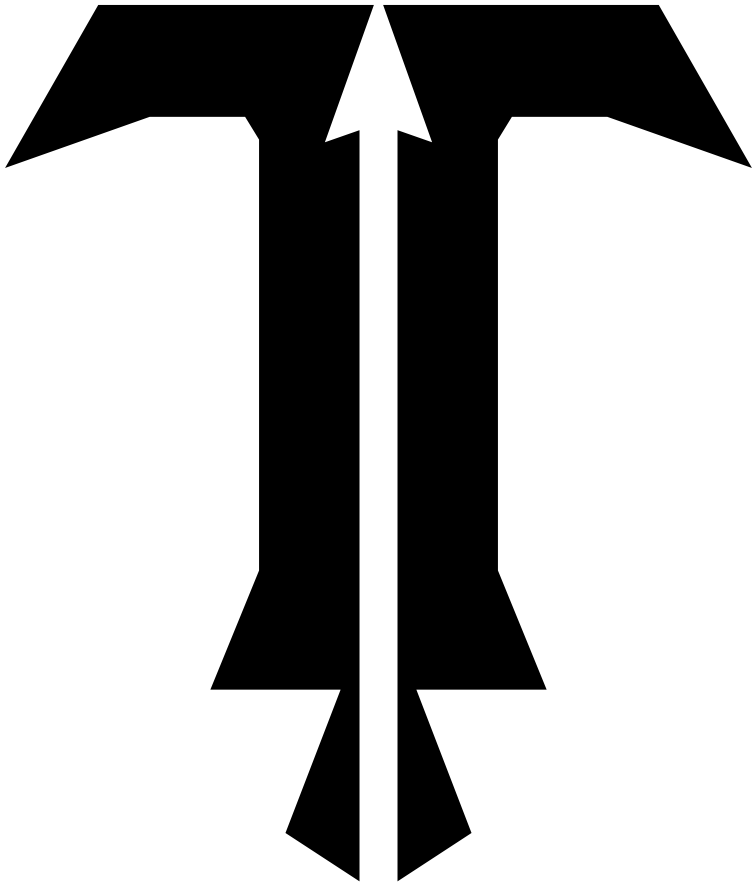
• Your trigger's pull weight should not change suddenly. A sudden change in pull weight is a sign that something is not right, and your firearm may not be safe. Stop using your trigger and contact TriggerTech Support (support@triggertech.com) 1-888-795-1485.

• Your trigger's pull weight may change slightly over the trigger's lifetime as the parts wear in. Any change should be gradual and not in excess of 6oz or 15% (whichever is less). A change in excess of this is a sign that something is not right, and your firearm may not be safe. Stop using your trigger and contact TriggerTech Support (support@triggertech.com) 1-888-795-1485.

• If you notice a change in your triggers ability to hold the firing pin when closing the bolt do not try to overcome this by increasing pull weight. Stop using the trigger immediately and contact TriggerTech Support (support@triggertech.com) 1-888-795-1485.

• Always safety check your equipment prior to use and using live ammunition.

• Always follow the NRA Guns Safety Rules. (https://gunsafetyrules.nra.org)



Questions?

1-888-795-1485

Support@TriggerTech.com

www.TriggerTech.com