TRIGGERTECH

Ruger Precision Rifle

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.

KB1D

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, alternation, 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.

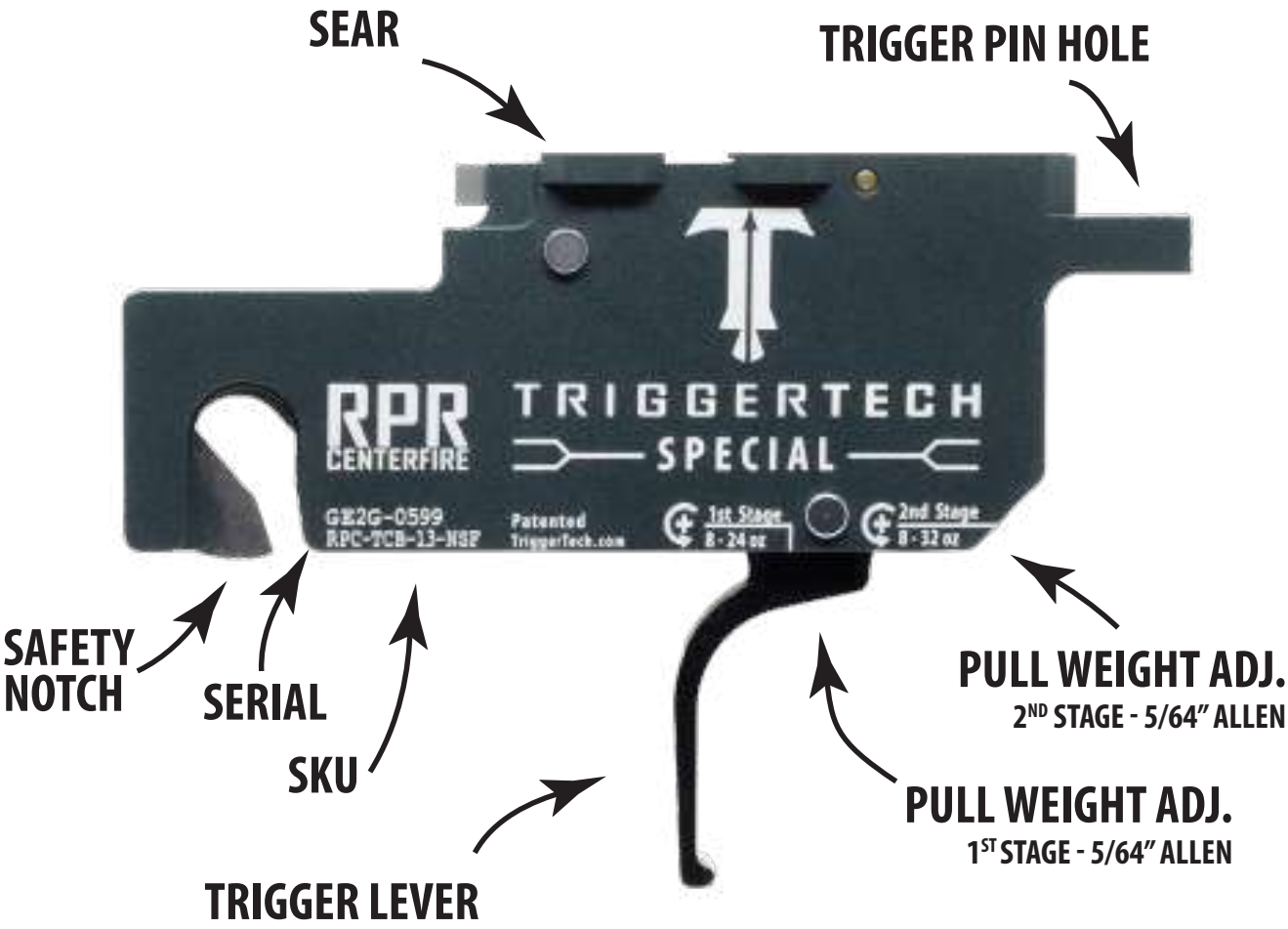
Warranties are handled directly by TriggerTech, not through our dealer network. To obtain warranty coverage, please contact us directly at the number/website below for a return authorization. Product alleged to be defective must be returned to Trigger Tech for inspection. The cost of shipping to us is 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 Ruger Precision Rifle trigger



Step 1: Unload firearm and remove the bolt

SAFETY ON



SLIDE OUT



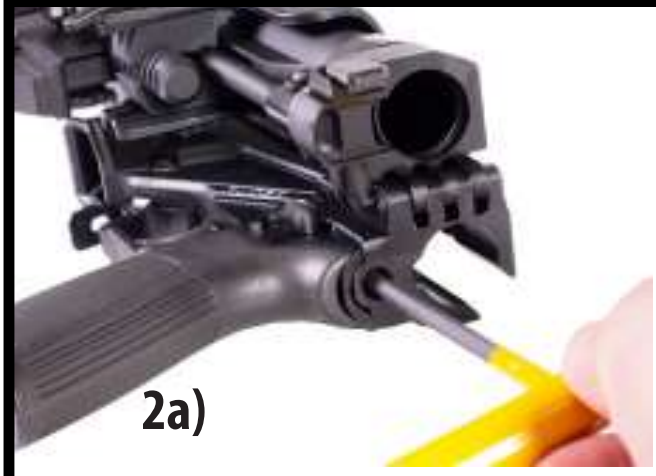
1a) Read TriggerTech Disclaimer and TriggerTech Lifetime Warranty prior to installation and use.

1b) Remove all ammunition and the magazine from your firearm.

1c) Safety selector should be in the SAFE position.

1d) Fold the stock to the left and remove the bolt from your firearm by pressing the bolt release while sliding the bolt out of the action.

Step 2: Remove the stock







2a) Use a 3/16" Allen wrench to remove the screw at the rear of the lower receiver.

2b) Use the 3/16" Allen wrench to remove the cap screws at the front and bottom of the lower receiver.

2c) Verify that the safety selector switch is in the SAFE position.

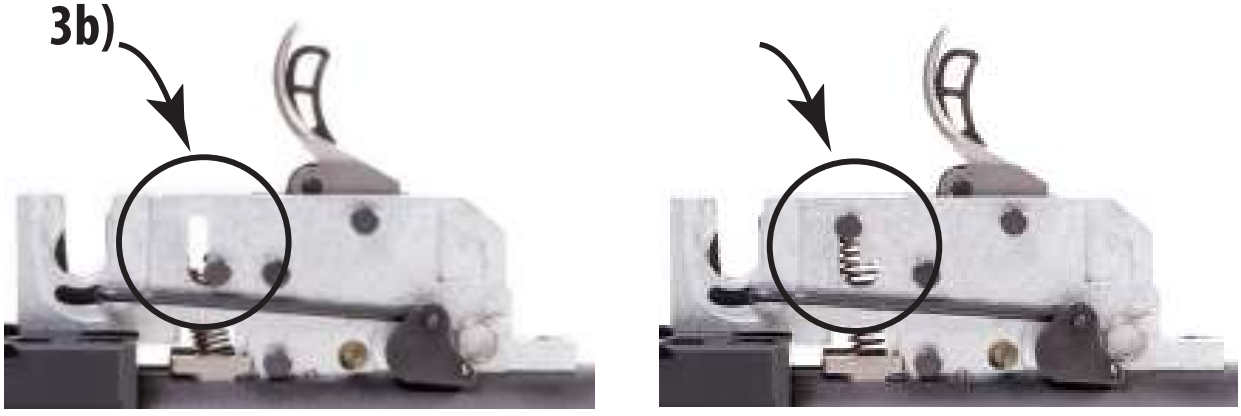
2d) Remove the lower receiver.

Step 3: Remove existing trigger

3a)



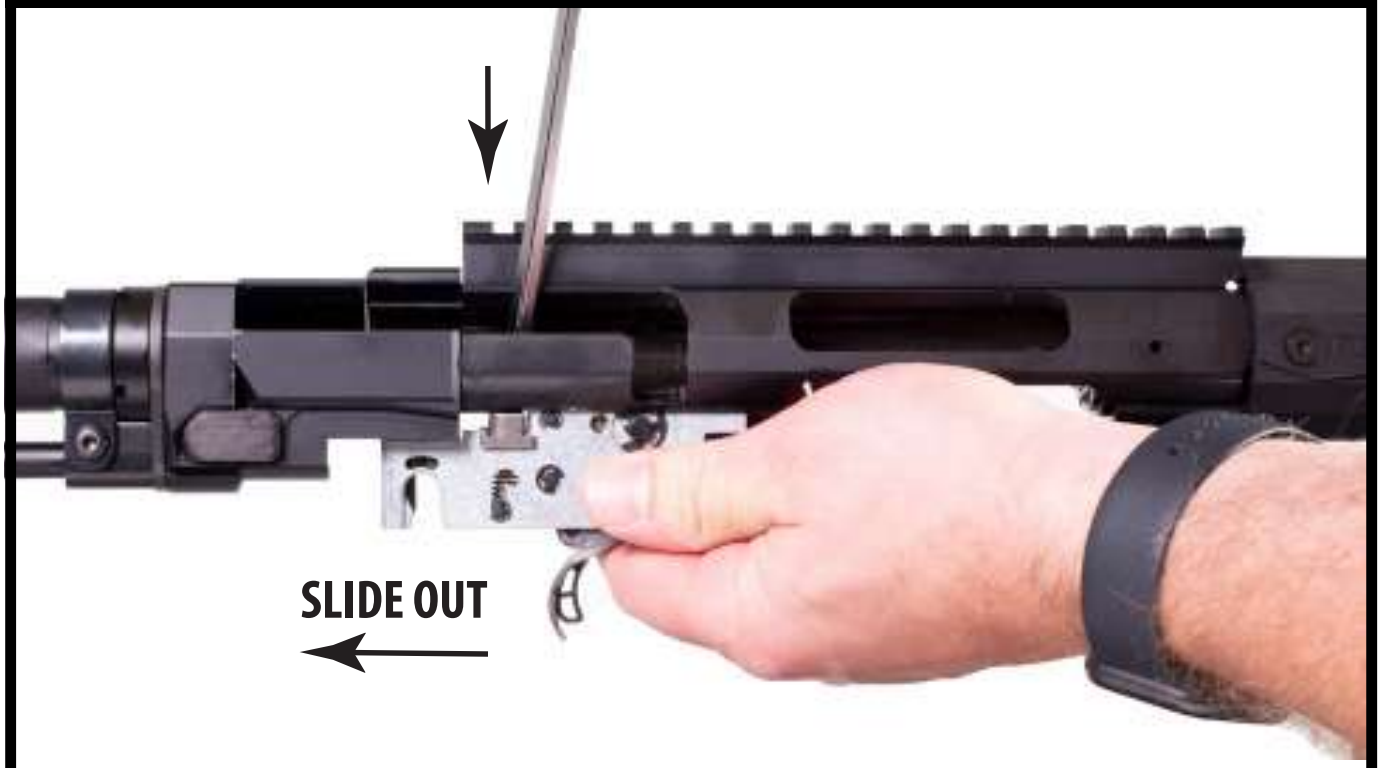
3b)



3a) Using the 3/16” Allen wrench, remove the bolt at the front of the trigger assembly.

3b) Release the cocking guide spring by depressing the pin and allowing it to move into the long portion of the “J” shaped slot.

Step 3: Remove existing trigger (continued)



3c) The cocking piece guide holds the trigger assembly forward and in place. Using a non-marring tool, depress the cocking piece guide through the bolt opening inside the receiver. While holding the cocking piece guide down, slide the trigger assembly rearward towards the buttstock and out of the rifle.

Step 4: Install your TriggerTech trigger



4a) Insert your TriggerTech trigger into the trigger slot in the lower receiver.

4b) Fasten the trigger with the screw from Step 3a to the lower receiver.

CAUTION: You should never have to apply force to put your trigger in place. Excessive force may damage your trigger or firearm.

Step 5: Re-install the stock and bolt



5) Using the same screws from Step 2, re-install your stock onto the action.

Note: The safety selector must be in the SAFE position to re-install the stock.

Step 6: Check trigger safety and function

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

6a) Safety on and cycle action - firing pin should NOT move

6b) Safety off and cycle action - firing pin should NOT move

6c) Safety on, cycle action, pull trigger lever - firing pin and trigger lever should NOT move

6d) Safety off, cycle action, pull trigger lever - firing pin should move

6e) Safety on, cycle action, cycle safety to fire position - firing pin should NOT move

6f) Safety on, cycle action, squeeze lever firmly (No audible clicks should be heard while squeezing the trigger lever), release lever, cycle safety to fire position - firing pin should NOT move

6g) Safety off, cycle action, and tap the butt-stock - firing pin should NOT move (NEVER PERFORM THIS STEP WITH LIVE AMMUNITION)

6h) Safely repeat Steps 6a through 6f (and NOT 6g) at a rifle range with live ammunition with rifle pointed in a safe direction to ensure trigger installation was done correctly.

Step 7: 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 screws located at the bottom of your trigger. To increase pull weight, rotate the set screw clockwise. The first stage can be adjusted through the trigger guard and the second stage can only be accessed with the stock removed (see step 2 - Remove the Stock).

WARNING: It is recommended to operate your trigger at, or above, factory setting. Exercise caution when adjusting your pull weight and repeat Step 6 prior to using live ammunition.

Pull weight adjustment warning

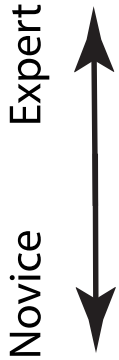
TriggerTech Ruger Precision Rifle triggers have an adjustable pull weight. The factory setting is near the middle of the advertised range. There is such a thing as a trigger that is too light to be considered safe. This weight will change depending on the specifics of the gun, the experience of the shooter 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 rifle 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
Extreme conditions	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 the 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 - if you do not follow Step 4, you may damage the trigger by applying excessive force. Damage severity can range from cosmetic damage to the housing to catastrophic damage where the trigger will no longer be able to be

Damaging Your Trigger (continued)

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:

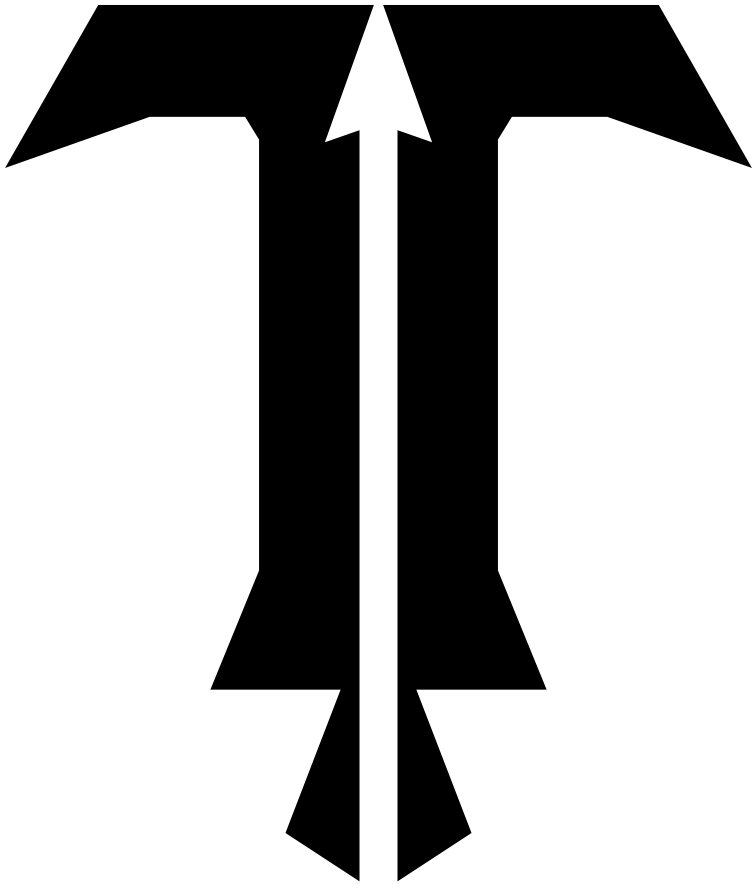
• Your triggers pull weight should not change suddenly. A sudden change in pull weight is a sign that something is not right, and your firearm may not be safe. Stop using your trigger and contact TriggerTech Support (support@triggertech.com) 1-888-795-1485.

• 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 perform a safety check on your equipment prior to using live ammunition.

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



Questions?

TriggerTech.com/pages/faq

1-888-795-1485

Support@TriggerTech.com

www.TriggerTech.com