

**Congratulations on purchasing your new TriggerTech trigger. We are confident you will enjoy your experience. Please visit our website for more information and for an instructional video on how to install your new trigger: [www.triggertech.com](http://www.triggertech.com)**

**ATTENTION:** The screws provided in the TriggerTech package **MUST** be used for proper assembly. Do not apply loctite to these screws, it is pre-applied for your convenience. It is very important to follow each installation step carefully.

**ATTENTION Equinox owners:** Owners of late model Equinox bows with a trigger link will need to purchase a swept forward trigger separately for successful installation. Please contact [info@triggertech.com](mailto:info@triggertech.com)





**ATTENTION:** If your hold-down spring is fastened in place by 6-40 slotted button head screws, a new hold-down spring will need to be purchased separately from TriggerTech. You can also drill, at very slow RPM, a two 8-32 holes to fit the screws supplied.

**ATTENTION:** please check with the manufacturer of your bow prior to installing to see if this product nullifies your bow warranty

**WARNING:** Under **NO** circumstance should you open the trigger or modify anything on the trigger. The trigger comes ready to install with no modifications needed.

We recommend that prior to performing work on your bow you should create a clear and well lit working space. Lay down some clean white fabric under the bow – this will assist in visibility and keeping fasteners from bouncing away from your work area.

**Supplied by TriggerTech**

- 8-32-3/16" Button Head  1pc: For front of hold-down spring
- 8-32-5/16" Button Head  1pc: For hold-down spring  
4pc: For scope mount
- 8-32-3/4" Socket Head  2pc: For attaching trigger to barrel
- 6-32-1/2" Socket Head  1pc: For attaching lever to sear

**Not Supplied by TriggerTech - Reuse**

- 10-32-3/4" Button Head  1pc: For fastening stock to rail
- 10-32-1-1/4" Button Head  1pc: For fastening stock to rail

**Tool List**

- 3/32 Allen key (supplied)
- 5/64 Allen key
- 7/64 Allen key
- 1/8 Allen key

**STEP 1: Scope Mount Removal**

**1a.**



Tools needed: 3/32 Allen key

**1a.** In order to protect your optics during the trigger installation we advise removal prior to proceeding with disassembly

**1b.**



Tools Needed: Supplied 3/32 Allen key

**1b.** The scope mount is held in place by four screws which have to be removed.

**ATTENTION:** For this step, the 3/32 Allen that TriggerTech provides in the package should be used. There can be a slight bond between the screws and the trigger housing that must be broken. Be sure to apply pressure to the 3/32 Allen prior to turning.

**STEP 2: Removing the rail from the Stock**

**2a.**



Tools Needed: 1/8 Allen key

**2a. a)** There are two screws that need to be removed for this step. One is located on the forearm. If you have a thumbhole stock, the rear screw is under the trigger guard and in front of the trigger. If you have a standard stock, the rear screw is right behind the trigger guard.

**ATTENTION:** These two screws are the only ones that will be re-used in this process. Please keep them safely to the side.

**2b.**



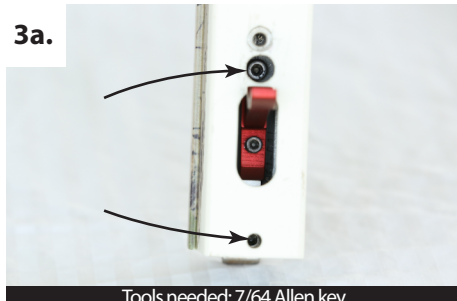
**ATTENTION:** Make sure that the trigger is in the fire position prior to taking the stock off the rail.

**2b.** Once the screws are removed, you can separate the rail from the stock. To do this, place one hand in front of the forestock and apply downward pressure. With the other hand gently lift upwards from behind the grip, so the stock rotates upward and clears the trigger lever behind the stock grip.

**CAUTION:** Be sure to check that the stock is clearing the trigger lever and that you **DO NOT** bend your trigger lever.

**STEP 3: Removing Current Trigger**

**3a.**



Tools needed: 7/64 Allen key

**NOTE - Equinox owners with a trigger link:** Your trigger will need to be replaced with a swept forward trigger lever purchased separately. Before performing the next steps, unscrew the 2 fasteners on the linkage and then follow the directions as described in the next steps. If you have questions, please contact [info@triggertech.com](mailto:info@triggertech.com)

**3a.** Unscrew the two screws that hold the trigger assembly in the rail. Loosen them until they release the trigger, but do not fully take the fasteners out. These screws will be easier to remove once the trigger is removed.

**3b.**



**ATTENTION:** Before removing the trigger assembly, place the safety in the Fire position. This will allow the trigger lever to move freely.

**3b.** Slide your current trigger assembly out, in a straight down motion.

**CAUTION:** Be sure to smoothly pull the housing out without hitting the lever on the sides of the rail.

**3c.**



**3c.** Completely remove the screws that were already loosened in action 1 of step 3 (3a).

**Attention:** These screws can be challenging to remove. The screw closest to the front of the bow can come directly out of its pilot hole. The screw closest to the end of the rail comes out at an angle and not through the pilot hole. Caution should be taken not to lose the screws or washers in the rail.

**STEP 4: Remove Trigger Lever**

**4.**



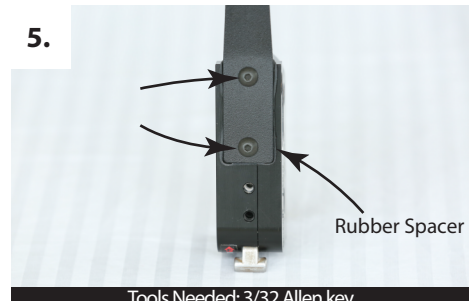
Tools needed: 5/64 Allen key

**ATTENTION:** If you purchased a new trigger lever you can skip this step and leave the factory lever attached to the factory trigger.

**4.** The factory trigger lever is held in place by one screw. Unscrew this screw and remove it. Safely store the factory lever if it is to be reused.

**STEP 5: Hold-down Spring Removal**

**5.**



Tools Needed: 3/32 Allen key

**5. Note:** Matrix shooters skip this step. In the Matrix models the hold down spring is a part of the scope mount and anti dry fire package and does not need to be separated from it.

Remove the two screws that fasten the hold-down spring. If your hold-down spring is slotted call: **1-888-795-1485** for details.

**ATTENTION:** for non-Matrix users, be sure to re-use rubber spacer on hold-down spring.

**ATTENTION:** The Screws provided in the TriggerTech package **MUST** be used for proper assembly. Do not apply loctite to screws, it is pre-applied for your convenience. It is very important to follow each installation step carefully.

## Installing your TriggerTech Trigger

**STEP 6:** Attach your trigger lever to TriggerTech trigger



Tools needed: 5/64 Allen key  
Screws Needed: 6-32-1/2" Socket head

**6.** Locate either your new TriggerTech custom lever or the factory lever and your new trigger housing. Use the supplied 6/32-1/2" screw and attach lever to trigger sear.

**NOTE:** Screw supplied has pre-applied loctite on it.

**STEP 7:** Inserting assembly screws for new trigger

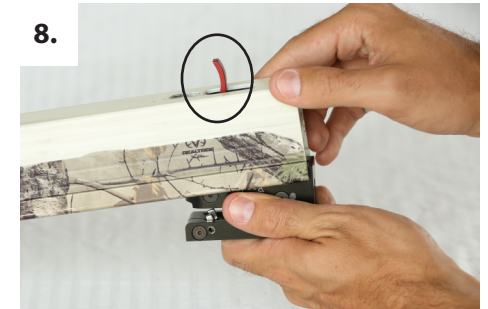


Tools needed: 9/64 Allen key  
Screws Needed: 8-32-3/4" Socket head and Washers

**WARNING:** For Matrix Grizzly and Matrix Cub users, reuse the rear most screw.

**7.** With the 8-32 by 3/4 crooked, insert screws into rail where your new trigger will soon go. Matrix Grizzly & Cub users, see note above.

**STEP 8:** Installing your new trigger



**8.** Place safety in fire position. Holding firmly on the rail, CAREFULLY insert trigger into rail housing, aligning the screws. Make sure to allow the trigger lever to protrude out of the trigger slot in the rail. Push trigger straight up and forward until snugly engaged.

**STEP 9:** Attaching trigger to rail



Tools needed: 7/64 Allen key  
Screws Needed: 8-32-3/4" Socket head

**Caution: DO NOT** over tighten screws, only screw until snug.

**9a.** Screw in the two 8-32 screws already placed into the rail in step 3 of your new trigger installation. Do not over-tighten the screws. Tighten only until snug.



**9b.** After installing the trigger, be sure to look down the rail to ensure that the trigger is sitting properly and in no way slanted or crooked. Check that the trigger is seated in the rail channels and that the string channel is flush with the rail.

**ATTENTION:** If the trigger is not seated properly then it is not installed correctly which is dangerous and can also lead to serving wear. Contact [info@TriggerTech.com](mailto:info@TriggerTech.com) for trouble shooting.

**STEP 10:** Re-attach the stock to the rail



Tools needed: 1/8 Allen key  
Screws Needed: 10-32-3/4" & 10-32-1-1/4" Button head

**CAUTION:** Ensure the trigger lever clears the slot prior to applying any force to the stock as this can bend the trigger lever. Once seated, double check trigger lever is not bent in any way.

**10a.** Re-attach your stock to the rail. In doing so, be sure to clear your trigger lever prior to applying force in any direction. Place one hand in front of forestock and the other behind the grip.



**10b.** Engage stock and rail at the front first and then lower into the back, clearing the trigger. Push down gently until properly mated.



**10c.** If a gap exists between the trigger and the stock, hold the barrel and gently tap the stock until stock mates with barrel.

**STEP 11:** Attaching the stock to the rail

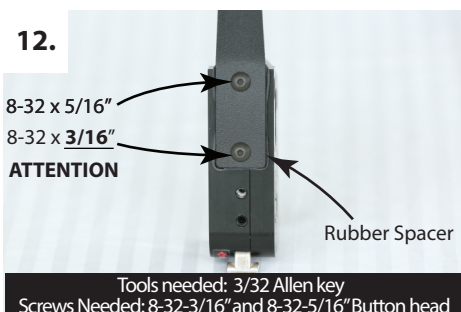


Tools needed: 1/8 Allen key  
Screws Needed: 10-32-3/4" & 10-32-1-1/4" Button head

**11.** Screw in 10/32-3/4" by the trigger guard and the other 10/32-1-1/4" closer to the front of the bow. See fastener list for guidance, if needed.

**STEP 12:** Attaching the hold-down Spring

**Matrix Users:** Read step 5. Simply fasten your scope mount with the hold-down spring attached.



Tools needed: 3/32 Allen key  
Screws Needed: 8-32-3/16" and 8-32-5/16" Button head

**NOTE:** If your hold down spring is fastened to the trigger housing with 6-40 slotted button head screws, you can either purchase a new spring that accommodates 8-32 Allen Button head screws or drill out the holes at a slow RMP. Please contact [info@triggertech.com](mailto:info@triggertech.com) if needed.

**NOTE:** Make sure the rubber spacer is between the base of the hold-down spring and the trigger housing. Do not over-tighten fasteners.

**CAUTION:** You **MUST** use the 8-32 -3/16" screw that is short for the screw hole closest to the base of the hold-down spring. DO NOT over-tighten, just until snug.

**12.** With the two screws provided for the hold-down spring, attach your hold-down spring. The 8-32-3/16" button head is to be used closest to the back of the trigger and the 8-32-5/16" is to be used closest to the front.

**STEP 13:** Install scope mount



Tools needed: 3/32 Allen key  
Screws Needed: 8-32-5/16"

**ATTENTION:** Prior to re-installing your scope mount, ensure that the hold-down spring is aligned with the arrow channel

**13.** With the four 8-32-5/16" screws supplied, align your scope mount with the holes on the trigger housing. Screw in scope mount to both sides of trigger housing. NOTE: engage holes carefully with screws and be sure that the holes are properly aligned.

**CAUTION:** You have dismantled your optics and should take caution when first using your crossbow. Take your first shots at close range, in a safe environment, and calibrate the scope as necessary.

**Shooting your Trigger:** When shooting your trigger, it is important to follow through on your trigger pull, just like a rifle. Do **NOT** "slap" the trigger lever as the latch may bounce back and close, preventing you from reloading the crossbow. If this happens, pull the trigger lever to release the latch for reloading.

**Maintenance and Upkeep:** TriggerTech's frictionless trigger requires **NO** lubrication. Under **NO** Circumstance are you to use lubrications as this will attract contaminants and reduce the performance of your trigger. If your trigger becomes contaminated you can try cycling your trigger without load, by closing the latch and pulling the trigger multiple times. You can also try, safely, using light air pressure to blow out your trigger.

Congratulations, your TriggerTech trigger is now installed and ready to be used. If you have any troubles installing your trigger, please visit our website for further instruction and contact details:

[www.triggertech.com](http://www.triggertech.com)

We also provide installation services, please contact:

[info@triggertech.com](mailto:info@triggertech.com)

1-888-795-1485

We sincerely hope you enjoy your experience and are here to assist to make sure you do.