T7T™
PATENT PENDING

TUBB 700 TRIGGER

ADJUSTMENT INSTRUCTIONS (REV 1)

All T7T parts are made of either stainless steel or aluminum to provide maximum corrosion resistance.

Designed with reliability in mind, the T7T has been subjected to SAAMI and U.S. Army Drop Testing evaluations.

The T7T is available in a true Left-Hand Version – the safety and bolt release are reversed.

Adjustable from less than 1 pound to over 3-1/2 pounds overall trigger pull weight. The First and Second Stages are independently adjustable for weight and feel. The T7T is a **true** Two-Stage design which lets the user tune the trigger's feel for their desired break weight while maintaining generous, safe sear engagement up until the moment of firing. The sears in this trigger will properly reset when the trigger is partially engaged as long as the sears have been properly lubed.

The **TUBB 700 TRIGGER** (T7T) comes pre-adjusted from the Factory. It is set up to provide the feel and the trigger pull weight characteristics we have found to satisfy a majority of users. However, the T7T is adjustable over a wide range of options. Use these instructions if you would like to modify the First-Stage Weight (the amount of resistance as you pull through the first stage), First-Stage Travel (the amount of trigger movement rearward until the Second-Stage bump or stop is encountered), Second-Stage Weight (trigger break weight), or Second-Stage Sear Engagement (the amount of retention provided by engagement surfaces). The T7T should only be installed and adjusted by a competent gunsmith. **Injury and Death can occur from an improperly adjusted trigger.** Please read these instructions carefully so that you have a thorough understanding of the adjustment process. Note that an adjustment made to one area may require minor adjustments to another area. Always check for proper, suitable function, and adequate engagement, after making adjustments.

Tools Required: 0.050" (3/64") and 5/64" Hex Key. Lubricate sear engagement points with a high-quality grease.

TRIGGER POSITIONING

Trigger Position – The T7T Trigger Shoe is position-adjustable fore and aft over approximately a 3/4-inch range. This adjustment influences trigger finger positioning and finger contact point with the trigger shoe. Most shooters find they do best when they must slightly "reach" for the trigger. Loosen the set screw and locate the trigger at the point along its track that is favorable to you. Keep in mind what position you want the trigger shoe to be located when the Second-Stage is encountered.

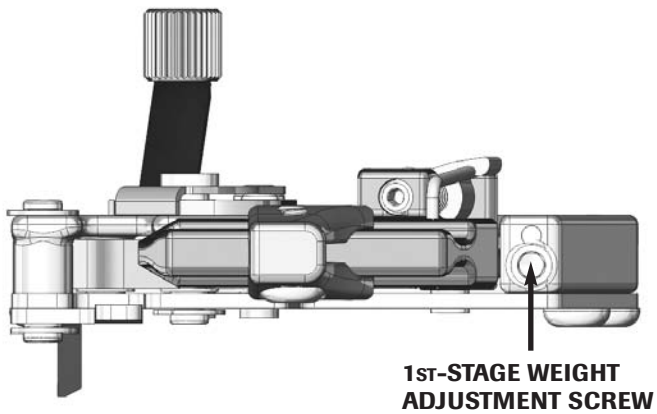
STEP 1

Step 1 – Set First-Stage Travel. Set the amount of First-Stage Travel by turning the small set screw as shown below using a 0.050" Hex Key. As the Rocker part rotates, you will have more or less First-Stage Travel. If the Second-Stage disappears, see Step 4.

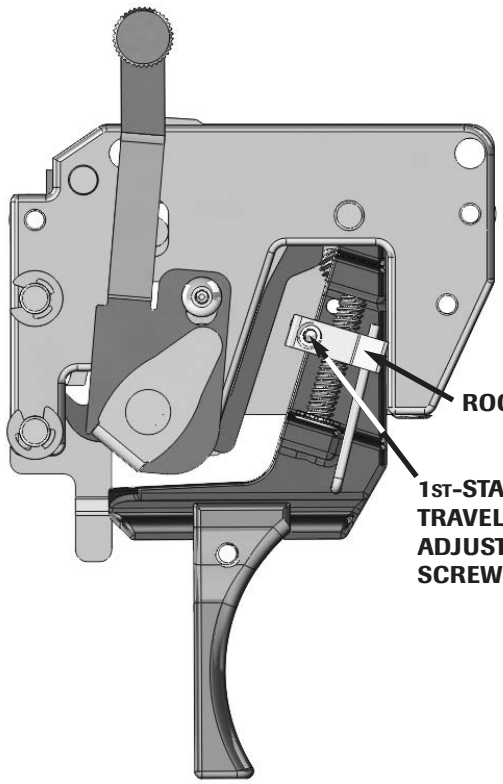
STEP 2

Step 2 – Set First-Stage Weight. Rotate the Trigger until oriented as shown below. Using the 5/64" Hex Key, rotate the screw until the First-Stage Weight is acceptable. Clockwise rotation will increase the weight; counterclockwise rotation will reduce the weight.

STEP 2



STEP 1



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ADJUSTMENT INSTRUCTIONS (REV 1)

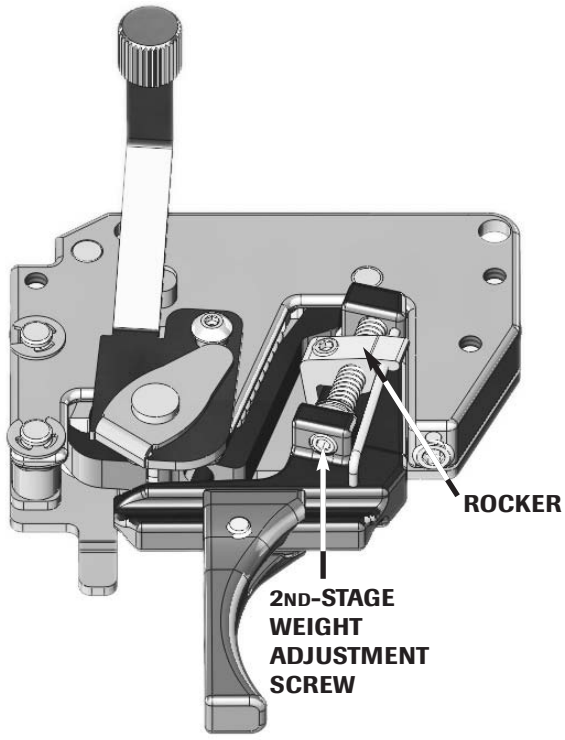
STEP 3

Step 3 — Set Second-Stage Weight. Rotate the Trigger until oriented as shown below. Using the 0.050" Hex Key, rotate the screw. You will notice that the Rocker part will begin to move up or down the Trigger Bracket. The further the Rocker moves up, the lighter the Second-Stage Weight becomes; the further the Rocker moves down, the heavier the Second-Stage Weight becomes.

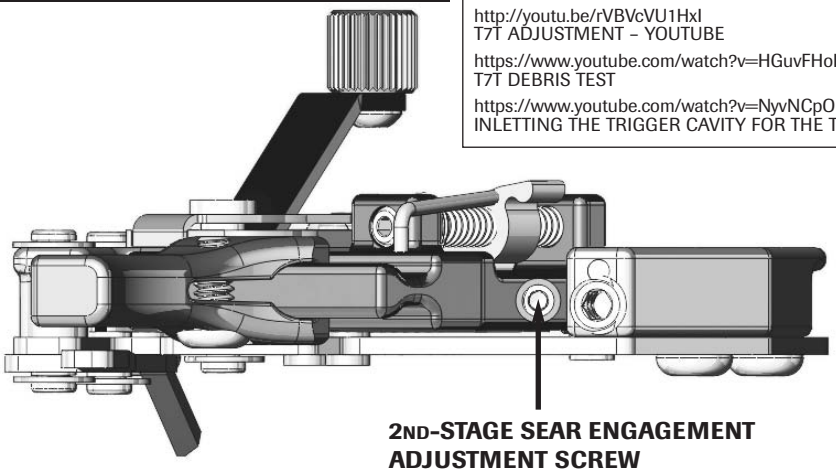
STEP 4

Step 4 — Set Second-Stage Sear Length of Engagement. Rotate the Trigger until oriented as shown below. Pull the Trigger Shoe rearward until the Second-Stage Sear Engagement Screw is exposed in the Trigger Bracket (see illustration to locate this screw). Using the 0.050" Hex Key, rotate the screw in 1/4-turn amounts clockwise for less engagement and counter-clockwise for more engagement. Be sure that there is a proper amount of Second-Stage engagement so that the trigger will not fire accidentally. Slam Fire (cycle the bolt forcefully) and Drop Test the Trigger from a height of one foot to ensure that it is adjusted to maintain a safe amount of engagement. The amount of Sear Engagement can be viewed through the Housing Window. (See last picture). If the First-Stage Travel or Second-Stage Weight has been adjusted, then the Second-Stage Sear Engagement must be checked for safety and may need to be re-adjusted. If in Step One (First-Stage Travel) the Second Stage disappeared, you must increase Second-Stage Sear Engagement. Back the screw out 1/8 turn at a time until sufficient sear engagement exists.

STEP 3



STEP 4



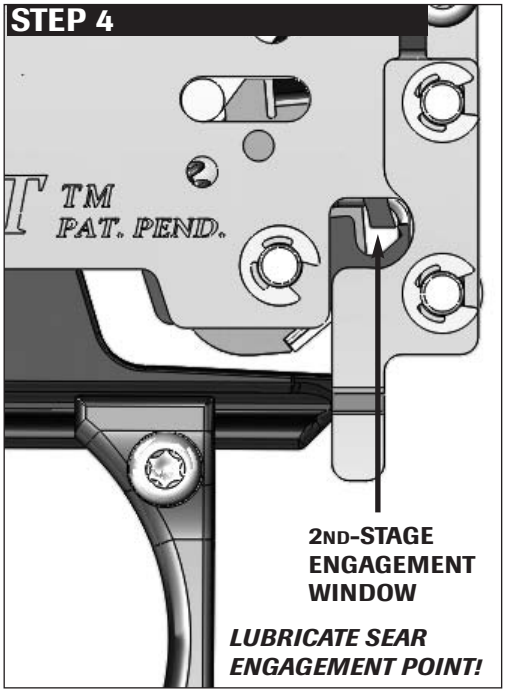
Check these YouTube LINKS:

http://youtu.be/rVBVcVU1HxI
T7T ADJUSTMENT – YOUTUBE

https://www.youtube.com/watch?v=HGuvFHoIgio
T7T DEBRIS TEST

https://www.youtube.com/watch?v=NyvNCpOMNQ8
INLETTING THE TRIGGER CAVITY FOR THE T7T

STEP 4



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With your ***T7T***, we strongly recommend replacing your firing pin spring with a **David Tubb CS Duo**. If your rifle has a conventional music wire spring, it's already worn out! The **CS Duo** will further enhance the performance of the firing system, and for the ultimate reward (reduction of lock-time), get our Rem. 700 lightweight **SpeedLock Firing Pin** assembly, which includes the **CS Duo** spring.

Questions? Call **(806) 323-9488**
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