

# **GEISSELE<sup>®</sup>**

## **AUTOMATICS**

### **SUPER 700 TRIGGER**

#### **Conversion Instructions**

#### **READ THIS FIRST**

Firearm safety is **YOUR** responsibility. You must memorize and put into practice the 4 Rules of Firearm Safety:

- 1. ASSUME EVERY WEAPON IS LOADED.**
- 2. KEEP YOUR FINGER OFF THE TRIGGER UNTIL YOU ARE READY TO SHOOT.**
- 3. DO NOT LET THE MUZZLE POINT AT ANYTHING YOU ARE NOT WILLING TO DESTROY.**
- 4. KNOW YOUR TARGET AND WHAT IS BEYOND.**

#### **TOOLS NEEDED**

- Appropriately sized hex key(s) or screw driver to remove the action from the stock.
- 3/32 diameter drift punch (*McMaster Carr P/N: 3420A2*)
- Appropriately sized hammer.
- Trigger weight pull gauge (*Wheeler<sup>®</sup> Professional Digital Trigger Gauge, P/N: 710904*)
- 1/16 non-ball end hex key. It is recommended this hex key is in new condition and not worn. (*McMaster Carr P/N: 7122A14*)
- Needle nose pliers.

#### **GEISSELE SUPER 700 TRIGGER SYSTEM CONVERSION INSTRUCTIONS**

The Geissele Super 700 Trigger System is convertible from 2 stage to single stage, and from single stage to 2 stage. Any modifications to the Geissele Super 700 Trigger from factory supplied condition resulting in reduced sear engagement and / or reduced trigger weight will make the firearm easier to discharge and will limit the trigger to benchrest / target shooting use only and not for any uses where the firearm will be carried or moved in the loaded condition. you must recognize and accept this fact before modifying this trigger. if you do not want a lighter than factory supplied trigger pull and / or reduced sear engagement, or are not willing to accept responsibility for the safety of your firearm, yourself, and those around you, do not modify, or have someone modify this trigger.

1. All modifications must be performed by a qualified Gunsmith or Armorer familiar with the Remington 700 Rifle System.
2. Trigger pull weights must be confirmed after adjustments prior to live fire.
3. Proper trigger and safety function must be verified after adjustments prior to live fire.
4. Adjustments must be kept to very small increments and recorded in a shooters' log book along with results.

#### **GEISSELE SUPER 700 FACTORY TWO STAGE RESET PROCEDURE**

Strict adherence to this procedure will reset the Geissele Super 700 Trigger to factory recommended 2 stage specifications. Use this procedure to convert a single stage trigger to 2 stage.

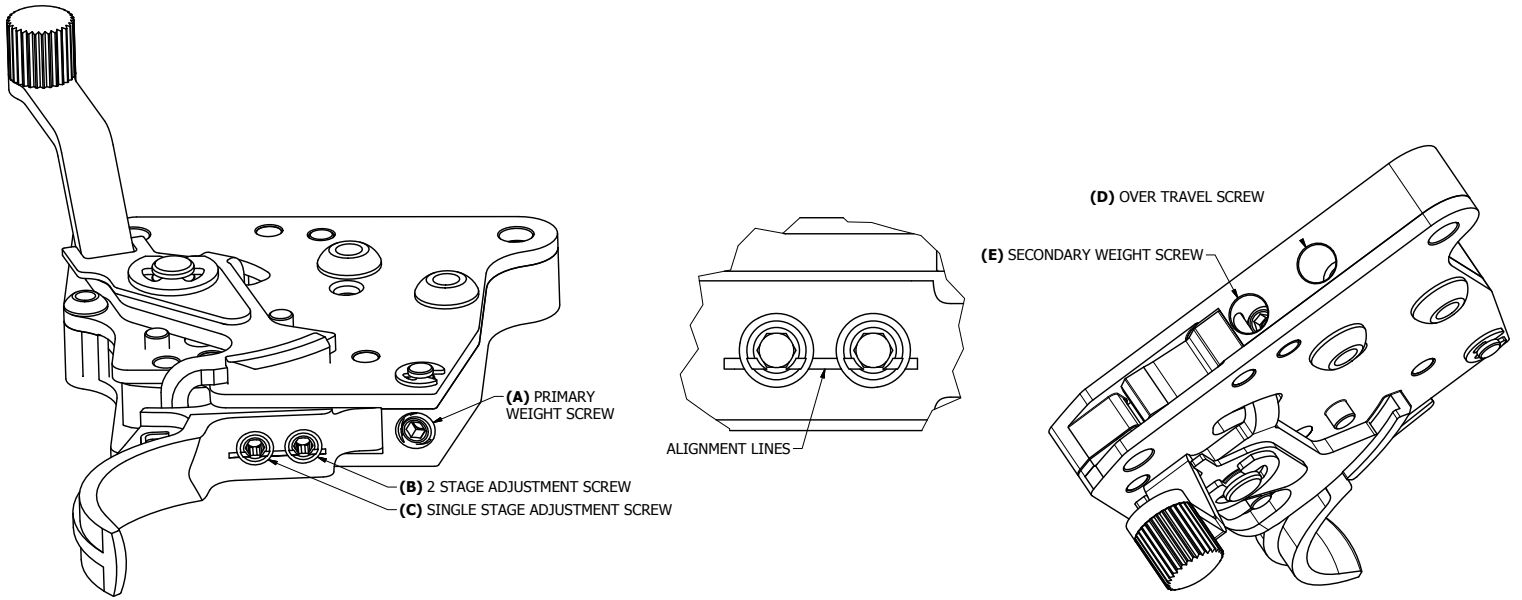
1. Reference Figure 1 for screw locations and designations.
2. Unload and make safe the firearm.
3. For ease of adjustment remove the action from the stock.
4. Remove the bolt from the action.
5. Adjust screw A to make the drive end of the screw flush with the housing. Turn screw out counter-clockwise, 1/2 turn.
6. Adjust screws B and C to make the drive ends of the screws 1 turn out counter-clockwise, from flush with the adjacent surface of the trigger bow.
7. While applying a light downward pressure to the hex key, slowly turn screw E out counter-clockwise, and stop when the screw is felt to exit then drop back into the thread, or when the screw stops turning. Turn screw in clockwise, 10 1/4 turns.
8. Lightly hold the trigger in the pulled direction, turn screw D out counter-clockwise, until it no longer limits the trigger motion. This will be evident when you can continue to loosen the screw and the trigger does not move.

9. While holding the trigger in the pulled direction turn screw D in clockwise, until it just starts to move the trigger forward. Release the trigger and turn the screw in clockwise, 1/4 turn.
10. Install and set the bolt.
11. Depress the trigger and lightly hold it against the trigger over travel stop.
12. Slowly turn screw B in clockwise, until the striker falls.
13. Release the trigger.
14. Turn screw B out counter-clockwise, 3/8 turn.
15. Reset the bolt.
16. Depress the trigger and lightly hold it against the trigger over travel stop.
17. Slowly turn screw C in clockwise, until the striker falls.
18. Release the trigger.
19. Remove the bolt from the action.
20. Turn screw D out counter-clockwise, 1/8 turn. If this screw is in too far the striker will not fall.
21. Replace and set the bolt.
22. Using a trigger pull gage verify the first stage is set at 1 3/4 lb. and the striker falls at 2 1/2 lb. If it's necessary to adjust the weight, reference the 2 stage adjustment section of the instructions.
23. Verify the proper operation of the trigger and safety.
24. If the trigger was originally 2 stage, the alignment lines of screws B and C will align with the lines on the bottom of the trigger. If the trigger was originally single stage, only screw B will align.

### **GEISSELE SUPER 700 2 STAGE TO SINGLE STAGE CONVERSION PROCEDURE**

1. Reference Figure 1 for screw locations and designations.
2. This procedure can only be performed on a factory configured 2 stage trigger or one that has been reset per the two-stage reset instructions.
3. Unload and make safe the firearm.
4. For ease of adjustment remove the action from the stock.
5. Remove the bolt from the action.
6. Turn screw D in clockwise, until it very lightly contacts the trigger and keeps the trigger from moving off its forward stop. Approximately 1 1/4 turns.
7. Turn screw E in clockwise, 2 turns.
8. Replace and set the bolt.
9. Slowly turn screw C in clockwise, until the striker falls. Approximately 2 1/4 turns.
10. Turn screw C out counter-clockwise, 1/4 turn.
11. Remove the bolt.
12. Turn screw D out counter-clockwise, 1/8 turn. If this screw is in too far the striker will not fall.
13. Replace the bolt.
14. Using a trigger pull gage verify the striker falls at a minimum of 2 1/2 lb.
15. If it's necessary to increase the weight, adjust screw E. If it's necessary to decrease the weight, adjust screw A. It's preferred to have the majority of weight on screw E.
16. Verify the proper operation of the trigger and safety.
17. Since the trigger was set up in 2 stage mode from the factory, only screw B will align. Now refer to the Geissele S700 single stage installation instructions for adjustment instructions.

Figure 1



Thank You For Your Purchase. Contact Geissele Automatics with any questions.

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