

clearance between sear and trigger when trigger is pulled. If there is no clearance, the sear may not always be released cleanly when pulling the trigger.

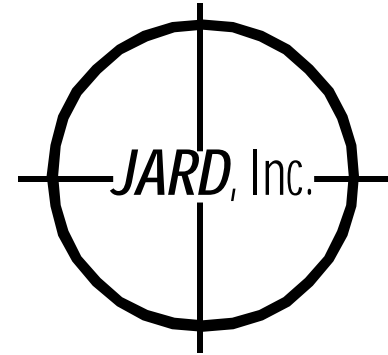
22. The sear engagement screw (back screw) must now be adjusted. Turn the screw back (counterclockwise) several turns and close the bolt, leaving the action cocked, then slowly turn this screw in until the sear is released. Now turn it back 1/2 turn.
23. Check the functioning of the trigger by slamming the bolt home (closing it sharply) several times. If the sear is not released when closed sharply, then it maybe possible to adjust the rear screw to provide less sear engagement, but if the sear is released it must be backed off further, and/or the weight of pull increased.
24. Install the receiver back into stock and perform function and safety checks again.
25. Allow Loctite to dry 24 hours before using the weapon.

Optional Procedure

With the template provided (align trigger housing mounting holes) center punch the trigger housing on the crossed circle and drill a hole 1/8" diameter. The function of the hole is to visually inspect sear engagement and to allow for debris removal. After the hole is drilled, inspect the inside of the trigger housing for burrs caused by drilling and remove only burrs.

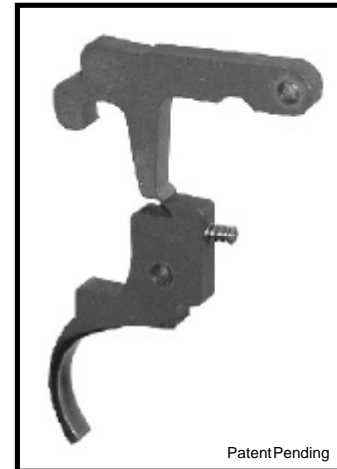
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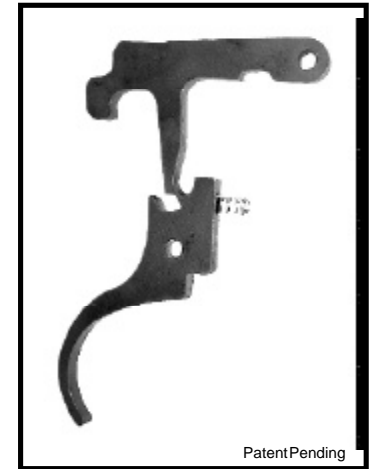


Remington 700 Trigger Upgrade Kit

Operators Instruction Manual



Model H



Model V

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WARNING

This fire control system is intended for use only by experienced competitive shooters and professionals. You must take responsibility for your own actions. We will not be responsible for any loss, injury, or death resulting from the use or misuse of this product.

The handling and use of firearm bears with a certain unavoidable risks, like sky diving and rock climbing. If you are not willing to accept responsibility for your own actions, guns are not for you.

The use of any custom parts or modifications may void any warranty from the manufacturer of your firearm.

Returns will not be accepted on any parts that have been modified.

If you do not have a thorough understanding of the Remington 700 trigger system and the purpose and function of all the parts, do not attempt to install this system. Have it installed by an experienced gunsmith.

Read the instructions completely before beginning the procedure.

1. Check to make sure gun is unloaded.
2. Remove the bolt.
3. Remove receiver from the stock.
4. Using a punch, remove the trigger housing from the receiver. (Bolt stop lever and spring will be removed when performing this step).
5. Lift the sear out of the trigger housing. (Save the sear return spring for use when installing upgrade kit).
6. Remove the three adjustment screws from the trigger housing.
7. Make sure the factory trigger return spring gets removed from the bottom front screw hole.
8. With a punch, remove the trigger pivot pin.
9. Remove the factory trigger and trigger cap.
10. Review the optional step at the end of the instructions.
11. Install the new trigger and spring into the factory housing. (Various spring rates are available from the manufacturer).

12. Confirm the bolt stop release lever on the side of the trigger housing is functioning properly.
13. Clean the three screws removed in step 6. Place the Loctite provided onto the screw which was in the trigger return spring hole. (Bottom front hole, shorter of the two screws with a dog point).
14. Place the screw with Loctite on into the top front screw hole. Turn screw in until it is flush with trigger housing.
15. Place the sear return spring back into the factory housing.
16. Install the sear into the trigger housing and install the assembly into the receiver.

Tips:

- A) Place the tapered end of the pin into hole first.
 - B) Place the short pin in the front hole, the long pin in the rear hole. (The bolt stop lever pivots on the rear pin, so the lever and its return spring must be installed when inserting the rear pin).
 - C) Typically it is easier to install if the front pin is installed first and the trigger housing is held at an angle to the receiver to alleviate the sear return spring from misaligning the sear pivot hole during installation.
17. Pull the trigger and with a small tool check to make sure the sear pivots easily and does not bind.
 18. Check to make sure the trigger pivots easily and does not bind.
 19. Place Loctite on the two remaining screws and install the dog point screw into the front lower adjustment screw hole. Install the round nose screw into the rear adjustment screw hole.
 20. Place bolt back in the receiver and make sure the bolt is cocked. If the bolt is not cocked, back out the sear engagement screw (rear screw) and the over travel screw (front lower screw) until the bolt remains cocked.
 21. The over travel adjustment screw (bottom front) can now be adjusted. With the action cocked, turn this screw in until it contacts the trigger, so pulling on the trigger will not release the sear; then while pulling back on the trigger, turn the screw counterclockwise slowly until the sear is released; it should be turned further, ever so slightly, so there is ample