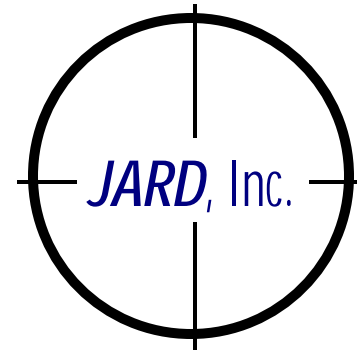


Other suggestion:

The AR does not use a firing pin spring to return the firing pin to the rearward position. To prevent slam fires, a titanium firing pin is recommended.



AR Custom Trigger System

Operators Instruction Manual



JARD, Inc.

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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 AR 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. Remove the magazine and visually check the chamber before further handling the rifle, to verify that it is not loaded.
2. Remove the take down pins and separate the upper and lower assemblies.
3. With a plastic mallet and drift, remove the trigger pins and original trigger components (a plastic mallet and drift will prevent damage to the receiver). The original pins will be used in the installation of new system.
4. Remove the pistol grip from the lower receiver.
5. Remove the safety detent and detent spring, which were exposed from the removal of the pistol grip.
6. Remove the safety lever from lower receiver.
7. Disassemble and apply Loctite to all screws to be used on the new trigger assembly.
8. Reassemble the new trigger assembly. Turn the three screws in the assembly until they are flush with the bottom of the part.

9. Hold the trigger assembly upside down and set the trigger return spring into the spring pocket on the bottom side of trigger assembly.
10. While holding the trigger assembly upside down, lower the lower receiver onto the trigger assembly in an upside down manner also. (Instead of holding receiver upside down, you can put a dab of grease into spring pocket, this will hold spring in place during assembly).
11. While holding the trigger assembly in the lower receiver, align and install the original trigger pin into the assembly.
12. Install the hammer and new hammer spring into the lower receiver using the original pin. (Slave pin may be used to ease installation).
13. With a 1/16" hex key, adjust the over travel set screw (the front screw on trigger assembly) so the hammer misses the sear edge while trigger is held in the fire position.
14. With a 1/8" hex key, install the 1/4"-28UNF x 1/2" socket set screw into the hole that the pistol grip fastens to. This screw will be used as the sear engagement stop.
15. Place the hammer in the cocked position. With the 1/8" hex key, turn the sear engagement screw until the sear disconnects from the hammer. Then back off the screw about 1/2 turn.
16. Place the hammer in the disconnect position, while holding the trigger in the fire position, turn the disconnect screw (using a flat blade screwdriver), until disconnect releases the hammer. Then back off the screw about one complete turn.
17. Install safety back into the lower receiver. Turn the safety so the flat portion is facing to the front of the lower receiver. The safety in this position allows access to the safety adjustment screw. With a 1/16" hex key, adjust the screw so there is NO movement of the trigger in the safety position, but still allowing for sear hammer disconnect in the fire position. (The safety detent, spring, and pistol grip may need to be slid into position to make the safety lever to track in the correct position)
18. Tighten hammer lock screw until it touches the hammer pin, and then back it off about 1/8 turn.
19. Using the short pistol grip screw provided (1/4"-UNF x 1" flat head slotted machine screw), install the pistol grip. (The original screw may be too long and the short one provided might need to be shortened more)
20. Allow Loctite to dry for 24 hours before using.

Other suggestions and important information: