



FAL Metric Trigger System

Operators Instruction Manual



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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 firearms 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.

Your JARD trigger system comes adjusted from the factory and should be a replacement only procedure, however should you decide to modify the factory setting, below are some suggestions. (note: because of the many variations of mousers, to achieve proper fit, the stock may require inletting, or the safety lever (on those models) may need to be bent.)

1. Remove the magazine and visually check the chamber before further handling the rifle to verify it is not loaded.
2. Remove the take down pins and separate the upper and lower assemblies.
3. Remove the safety, pin keeper, trigger, hammer, and disconnect. Retain the pivot pins for upgrade kit installation.
4. Remove the pistol grip, remove the trigger return components, then re-install the pistol grip.
5. Disassemble and clean all threads on the upgrade kit. Apply thread lock to all screws to be used on the new trigger assembly. Reassemble all screws but the disconnect screw. The disconnect screw will be installed after adjusting the sear engagement screw as they are installed in the same hole.
6. Hold the trigger assembly upside down and set the trigger return spring into the spring pocket on the bottom side of the trigger assembly. (optional shims available to modify pull slightly) Different rate springs are available from the factory.

7. While holding the trigger assembly upside down, lower the lower receiver onto the trigger assembly in an upside down manner also. (Instead of holding the receiver upside down, you can put a dab of grease into the spring pocket, this will hold the spring in place during assembly.)
8. While holding the trigger in the lower receiver, align and install the original trigger pin into the assembly.
9. Install the hammer and new hammer spring into the lower receiver using the original pin. Rest hammer spring tails on top of trigger pivot pin.
10. With a 1/16" hex key adjust the over travel screw, (the front screw on the trigger assembly), so the hammer misses the sear edge while the trigger is held in the fire position.
11. Place the hammer in the cocked position. With a 1/16" hex key turn the sear engagement screw until the sear disconnects from the hammer (make sure the disconnect is not latched prior to doing this.) Then back off the screw about 3/4 turn. (This amount of travel and sear engagement is needed for semi-auto rifles. This will prevent double fires and safe operation.)
12. While holding the disconnect rearward install the disconnect screw. (5/64" hex) Adjust so when the hammer is in the cocked position you can push down on the hammer and feel it brush against the hook of the disconnect as much as possible without hooking. (small amounts of screw rotation make large changes.)
13. Install the pin keeper provided into the lower receiver.
14. Adjust the safety fit screw so there is NO movement of the trigger when the safety is on. (Safe must be removed for adjustment) Install safety when this is adjusted properly.
15. Perform all function and safety functions. Make sure all are correct. Reassemble gun when completed.
16. Allow thread lock to dry 24 hours before using.



Trigger Parts Breakdown List

Ref #	Part #	Description	Ref #	Part #	Description
1.	1255	Hammer Spring	8.	1524	Disconnect Screw
2.	1451	Hammer	9.	1466	Trigger
3.	1123	Overtravel / Sear Screw	10.	1442	Pin Keeper
4.	1186	Screw	11.	1014	3-1/2 lb. Trigger Spring
5.	1009	Disconnect pin	-	1015	4 lb. Trigger Spring
6.	1017	Disconnect Spring	-	1016	4-1/2 lb.. Trigger Spring
7.	1467	Disconnect	-	1020	Thread Lock

Order by Part # and Description

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