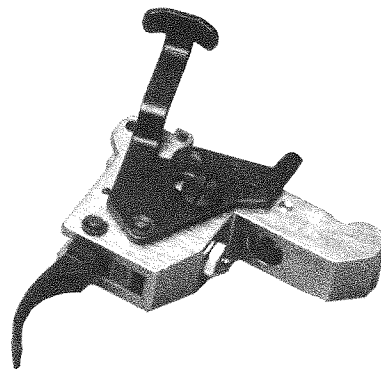


*Weatherby®*

**VANGUARD® SERIES 2  
TRIGGER  
INSTALLATION MANUAL**





You have just purchased a match quality two stage trigger assembly made for the Weatherby® Vanguard® rifle. Because you are a discriminating owner of a Weatherby® rifle, we know that you will want to get the best performance from your new “creep free” trigger assembly. The following instructions will guide you through the installation process. Please follow them step by step to obtain the best possible results. Safety is our primary concern. Remember, proper trigger function is an important part of the safe operation of any firearm.

### DISASSEMBLY INSTRUCTIONS

Step 1. Keep the muzzle of the rifle pointed in a safe direction and your finger out of the trigger guard and away from the trigger while performing steps 2 through 4.

Step 2. Move the safety lever to the forward “Fire” position (see Fig. 1) on a two position safety or the middle “Safe” position (see Fig. 2) on a three position safety.

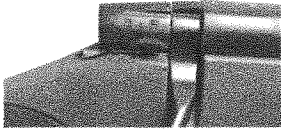


Fig. 1, “Fire” position

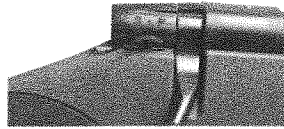


Fig. 2, Middle “Safe” position

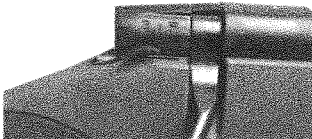


Fig. 3, Most rearward “Safe” position (locks bolt closed)

Step 3. Open the magazine floorplate by depressing the floorplate catch (see Fig. 4) (or remove any detachable magazine).

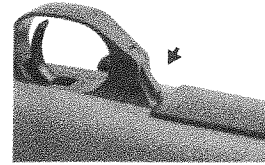


Fig. 4, Floorplate catch

Step 4. Open the bolt by rotating the bolt handle upward until the bolt rotation stops.

Step 5. Move the bolt rearward until the bolt hits against the bolt stop.

Step 6. Visually and manually inspect the rifle to make sure no cartridges are in the magazine, receiver or chamber.

Step 7. Push down on the bolt release lever (see Fig 5).

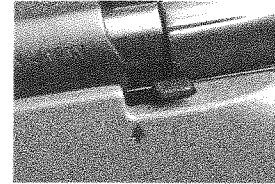


Fig. 5, Bolt release lever

Step 8. While holding down the bolt release lever, move the bolt rearward until the bolt is clear of the receiver.

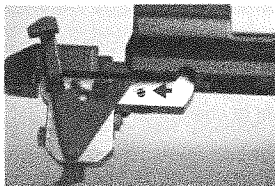
Step 9. Remove the trigger guard assembly and stock from the receiver and barrel as follows;

a. With a screw driver of the proper size, remove the front and rear trigger guard screws.

b. Pull the stock and trigger guard assembly away from the receiver and barrel.

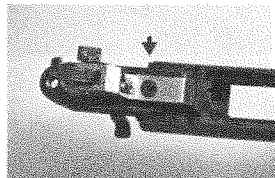
Step 10. Move the safety lever to the most rearward "Safe" position (see Fig. 6).

Step 11. Locate the locking screw on the right side of the trigger housing (see Fig. 6). Using a screw driver of the proper size, turn the screw counter-clockwise to loosen it from the mounting screw. (Backing the screw out until screw head is flush with the side of the trigger assembly housing is usually sufficient to relieve this pressure.)



*Fig 6, Lock screw*

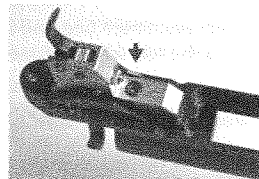
Step 12. Using a Phillips head screw driver of the correct size, turn the mounting screw on the two position safety trigger assembly counter clockwise until the trigger assembly can be lifted free of the receiver (see Fig 7).



*Fig 7, Phillips head mounting screw of two position safety, trigger assembly.*

## ASSEMBLY INSTRUCTIONS

Step 13. Place the new two stage trigger assembly on the receiver in the same position as the old trigger assembly. Place the supplied Allen head cap screw into the mounting hole of the new trigger assembly and using a 3mm Allen head wrench, turn the screw clockwise until it is tight and the trigger assembly is tight against the receiver (see Fig 8).



*Fig 8, Allen head mounting screw of three position safety, trigger assembly*

Step 14. Using a screw driver of the correct size and with the safety in the most rearward "Safe" position, firmly tighten the lock screw (see Fig. 6).

Step 15. With the barreled action resting upside down on a horizontal surface such as a wooden workbench or table, insert the magazine box, seating it completely against the receiver. (If your rifle is equipped with a detachable magazine, skip this step.)

Step 16. Place the stock onto the barreled action, aligning the recoil lug and the trigger guard screw holes.

Step 17. Insert the trigger guard assembly with its follower and spring into the stock and hold in place. (If your rifle is equipped with a detachable magazine it will not have a follower and spring attached to the trigger guard.)

Step 18. Insert the trigger guard screws in their correct position. (The short screw is for the front hole and the longer screw for the rear hole.) With a screw driver of the proper size, lightly seat the screws while holding the rifle in a vertical position with the butt down.

Step 19. Pulling down on the barrel to help seat the recoil lug on the receiver with the mating surface in the stock, tighten the trigger guard screws to the proper torque and in the proper sequence as follows.

a. Always tighten the rear screw first to a torque of 35 inch pounds, followed by a torque of 35 inch pounds to the front screw. For wood and synthetic stocks this is the final torque value that should be used.

b. For composite stocks with aluminum bedding blocks, apply additional torque to 55 inch pounds to the rear screw followed by 55 inch pounds to the front screw.

Step 20. Move the safety lever to the middle "Safe" position (see Fig. 2).

Step 21. Visually check the rifle to be certain there are no cartridges in the chamber, receiver or magazine.

Step 22. Insert the bolt assembly into the receiver.

Step 23. The bolt may now be pushed forward to the fully closed position and locked by exerting pressure downward on the bolt handle.

**DANGER:** If the bolt is pushed all the way forward and a cartridge is in the magazine, that cartridge will be chambered and the rifle can be fired. Therefore, always double check the magazine and chamber.

Step 24. Pushing the safety lever fully forward to the "Fire" position (see Fig. 1), will allow you to test the function of the new trigger as well as the pull weight of the trigger.

**Remember:** Keep the muzzle of the rifle pointed in a safe direction whenever you pull the trigger, even if you know there is no ammunition in the chamber.

## TRIGGER WEIGHT ADJUSTMENT

### **WARNING!**

Do not attempt to adjust sear engagement, make any adjustments other than described below or modify the trigger assembly in any way. Improper adjustment or modification of any firearm trigger assembly can result in the firearm discharging prematurely due to an unsafe relationship between sear and trigger. Minor bumps or movement could possibly result in discharging of the weapon leading to serious injury or death.

The trigger assembly has been set at the factory for a weight of trigger pull appropriate for most shooters. If you require a heavier or lighter trigger pull weight, adjust as follows.

A. Repeat Steps 1 through 8 above.

B. Loosen the lock nut on the front adjusting screw by turning the nut counter clockwise (when viewed from the front), (see Fig. 9).

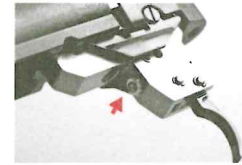


Fig. 9. Trigger weight adjusting screw and lock nut

C. To increase the weight of pull, with a screw driver of the proper size, turn the front adjusting screw clockwise (when viewed from the front) until the desired weight of trigger pull is established.

D. To decrease the weight of trigger pull turn the front adjusting screw counter clockwise until the desired weight of trigger pull is established.

**Note:** For safety reasons, weight of trigger pull cannot be adjusted below approximately 2.5 pounds.

E. Tighten the lock nut on the front adjusting screw securely.

F. Repeat Steps 15 through 24 above.

*Weatherby*

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