



**Howa, Smith & Wesson, & Weatherby
Vanguard Trigger System**

Operators Instruction Manual



3149 Nest Ave. – Sheldon, IA 51201
Phone: 712-324-7409 - Email: support@jardinc.com
www.jardinc.com

WARNING

This firearm 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 Howa, Smith & Wesson, & Weatherby Vanguard 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.

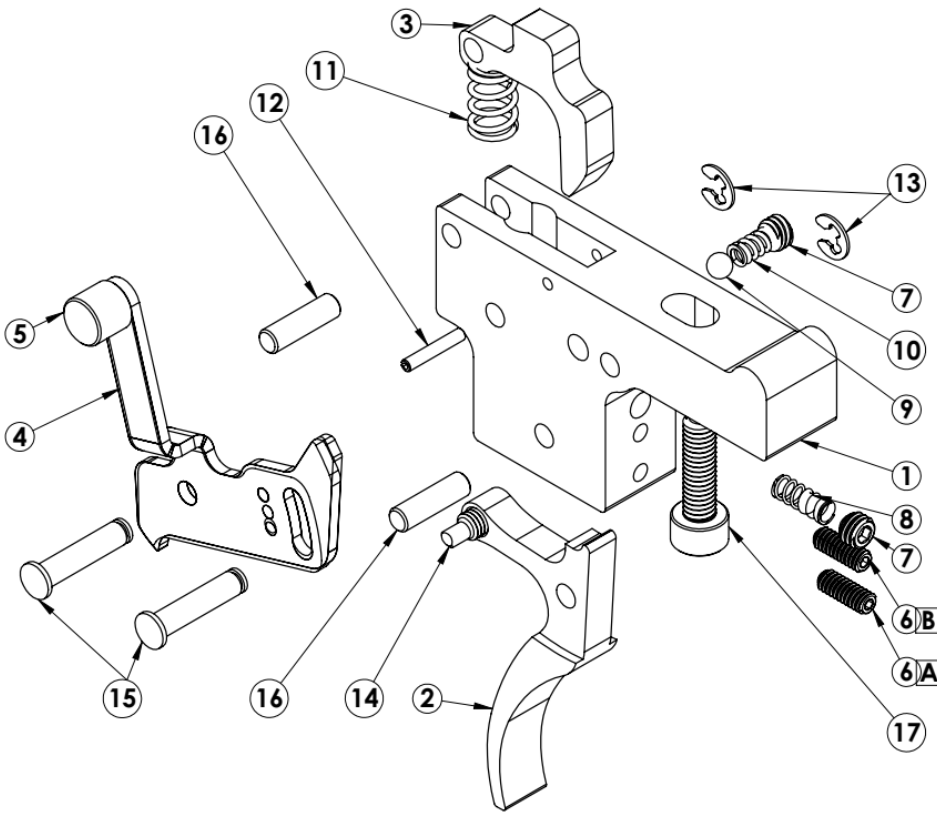
Howa, Smith & Wesson, & Weatherby Vanguard Trigger System

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.

1. Verify the gun is unloaded, and remove the stock from the receiver.
2. To adjust the over travel screw (6B), 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 then be turned farther, ever so slightly, so there is ample clearance between the sear and trigger when the trigger is pulled. If there is no clearance, the sear may not always be released clearly when pulling the trigger.
3. The sear engagement screw (6A) may now be adjusted. Turn the screw counterclockwise several turns and close the bolt leaving the action cocked, then slowly turn this screw in until the sear is released. Now the screw must be backed off (counterclockwise) until safe sear engagement can be achieved.
4. Check the functioning of the trigger by slamming the bolt home (closing it sharply) several times. If the sear is not released when closing sharply, then it may be possible to adjust for less sear engagement, but if the sear is released it must be backed off further, and/or the weight of pull increased.
5. Adjust the offset safety screw so there is NO trigger movement when the safety is on and the bolt is cocked. (Note: There must be sufficient sear engagement to allow reliable safety function.)
6. The final adjustment may be made to fine tune your trigger pull. The spring tension screw (7) above the over travel screw can be turned in or out to increase or decrease trigger pull.
7. The safety detent tension may also be adjusted to acquire the desired safety feel. The spring tension screw (7) in line with the safety spring and ball detent (10, 11) may be turned clockwise for a stiffer / harder safety selector, and counter clockwise for a lighter / easier safety selector.
8. Install receiver into stock and preform function and safety checks.

Howa, Smith & Wesson, & Weatherby Vanguard Trigger System Parts Breakdown List



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	4245	Trigger Housing	1
2	4216	Trigger	1
3	4241	Sear	1
4	4242 4586 4671	Safety Plate 2 Position Safety 3 Position Safety 3 Position Mini Safety	1
5	1231	Safety Knob	1
6	2970	(A) Sear Adj. (B) Overtravel Adj.	2
7	2952	Spring Adj. Screw	2
8	1616 1059 1060	Trigger Return Spring 6-8 oz 9-16 oz 17-20 oz	1
9	1163	.125 Ball	1
10	1062	Spring	1
11	2918	Sear Spring	1
12	2406	Roll Pin	1
13	1254	E-Clip	2
14	1444	Safety Screw	1
15	1950	Retaining Pin	2
16	2152	Dowel Pin	2
17	1449	Mount Screw	1

JARD, Inc.

3149 Nest Ave. – Sheldon, IA 51201

Phone: 712-324-7409 – Email: support@jardinc.com

www.jardinc.com