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ECO		REV		REVISION HISTORY		DATE	APPROVED
	1	INITIAL RELEASE					

# Hi-Power Bullpup Trigger Adjustment

## **READ THIS WARNING BEFORE PROCEEDING!**

Incorrect adjustment of the trigger will create an unsafe condition which may cause the following: Malfunctioning safety and/or inadequate sear engagement resulting in an unexpected discharge during handling and/or operation. This can lead to serious injury or death. If you do not completely understand the operation and interaction of the trigger group components, please leave the adjustment to the factory or a qualified gunsmith!

### **Adjustments:**

- 1) Trigger Position - Sets the fore/aft position of the trigger in the trigger guard. The correct operation of the safety will determine the proper trigger position. Too far aft and the safety will not engage or too far forward the gun may fire on safe. The trigger position is factory adjusted and should not need further adjusting.
- 2) Trigger Over Travel - Sets the distance the trigger can travel after the gun has fired. Clockwise shortens and counterclockwise increases the over travel. Too short of an over travel may cause an inconsistent trigger release or a no fire condition.
- 3) First Stage - Sets the length of the initial trigger pull prior to release. Clockwise to decrease and counterclockwise to increase the first stage pull length.
- 4) Second Stage - Set the pull length required to release the sear and fire the gun. Clockwise to decrease and counterclockwise to increase the second stage pull length.

### **Notes:**

- 1) First and second stage adjustments are interdependent. Increasing the first stage will decrease the second stage length and increasing the second stage will decrease the first stage pull length.
- 2) Increasing both the first and second stage adjustments will increase the overall trigger pull length and decreasing both will decrease the overall trigger pull length.
- 3) The first, second and over travel adjustment set screws are installed with blue Loctite #243. It may take some effort to break them loose for adjustment. Once loosened, the Loctite will provide enough grip to hold them in place. If the set screws become too loose from repetitive adjustments, they will need to be removed and reinstalled with fresh Loctite.

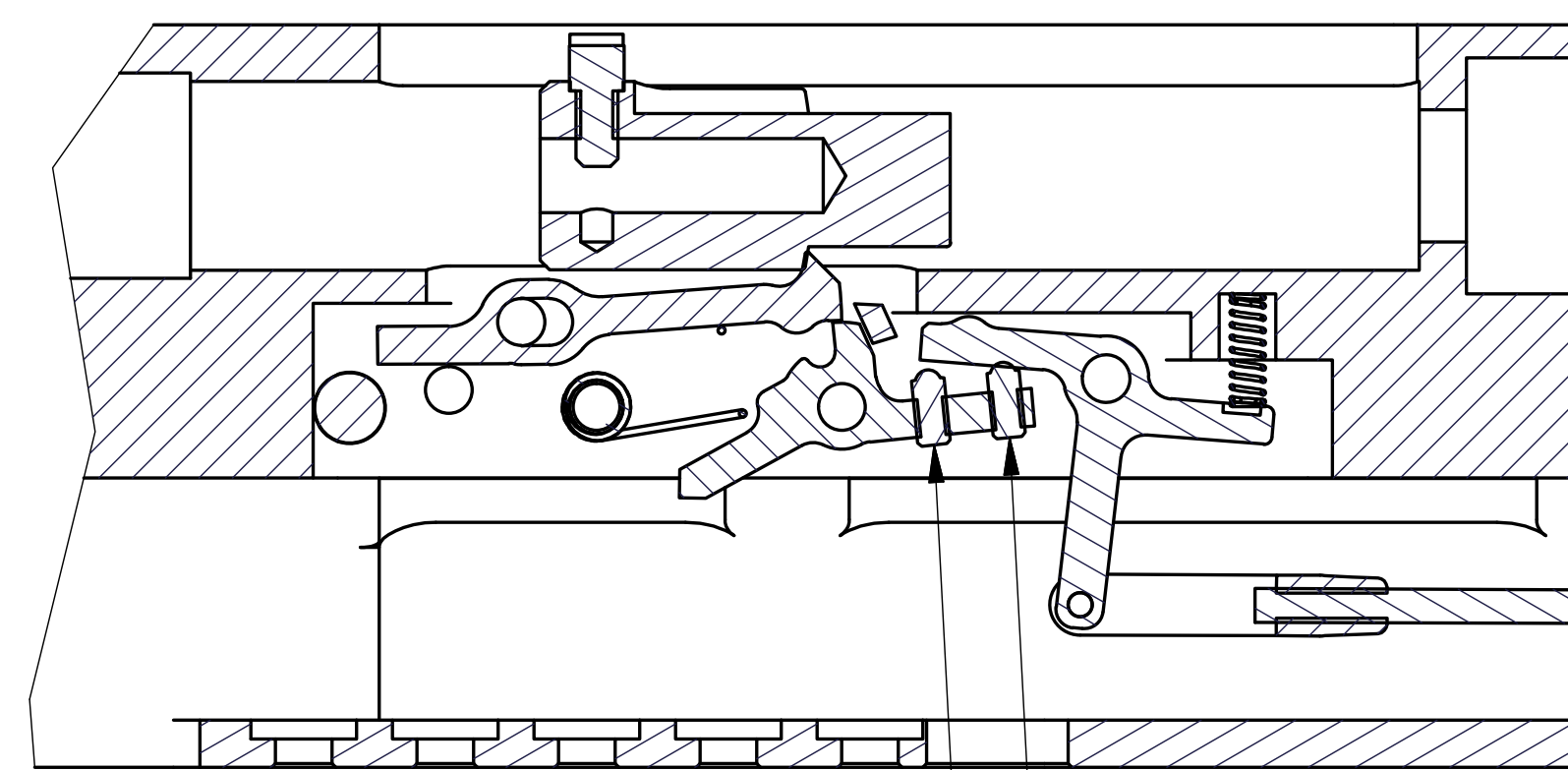
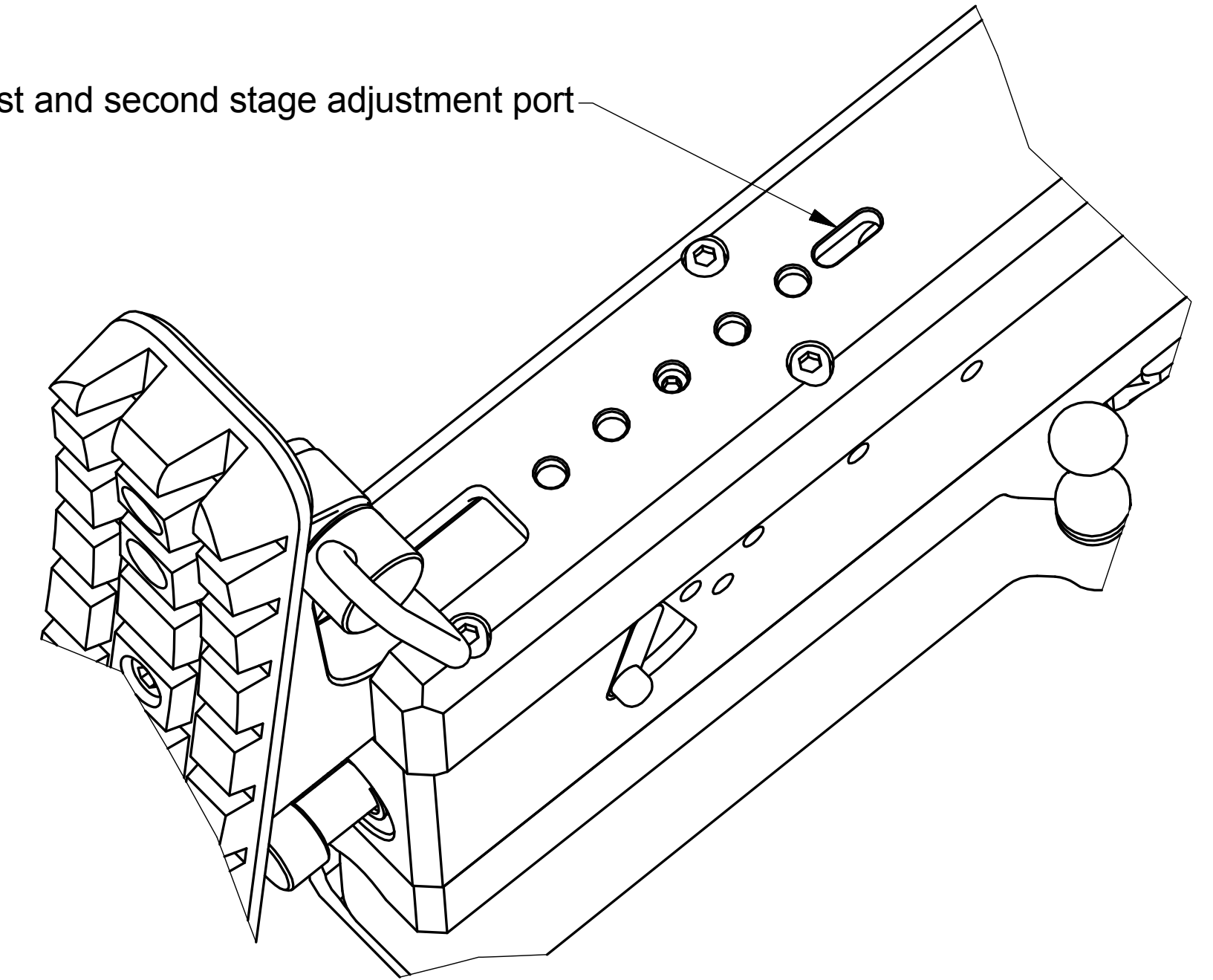
### **Be Careful:**

- 1) Decreasing the overall trigger pull length a significant amount will cause an unsafe minimum sear engagement which may lead to an unintended discharge.

### **Tools Required:**

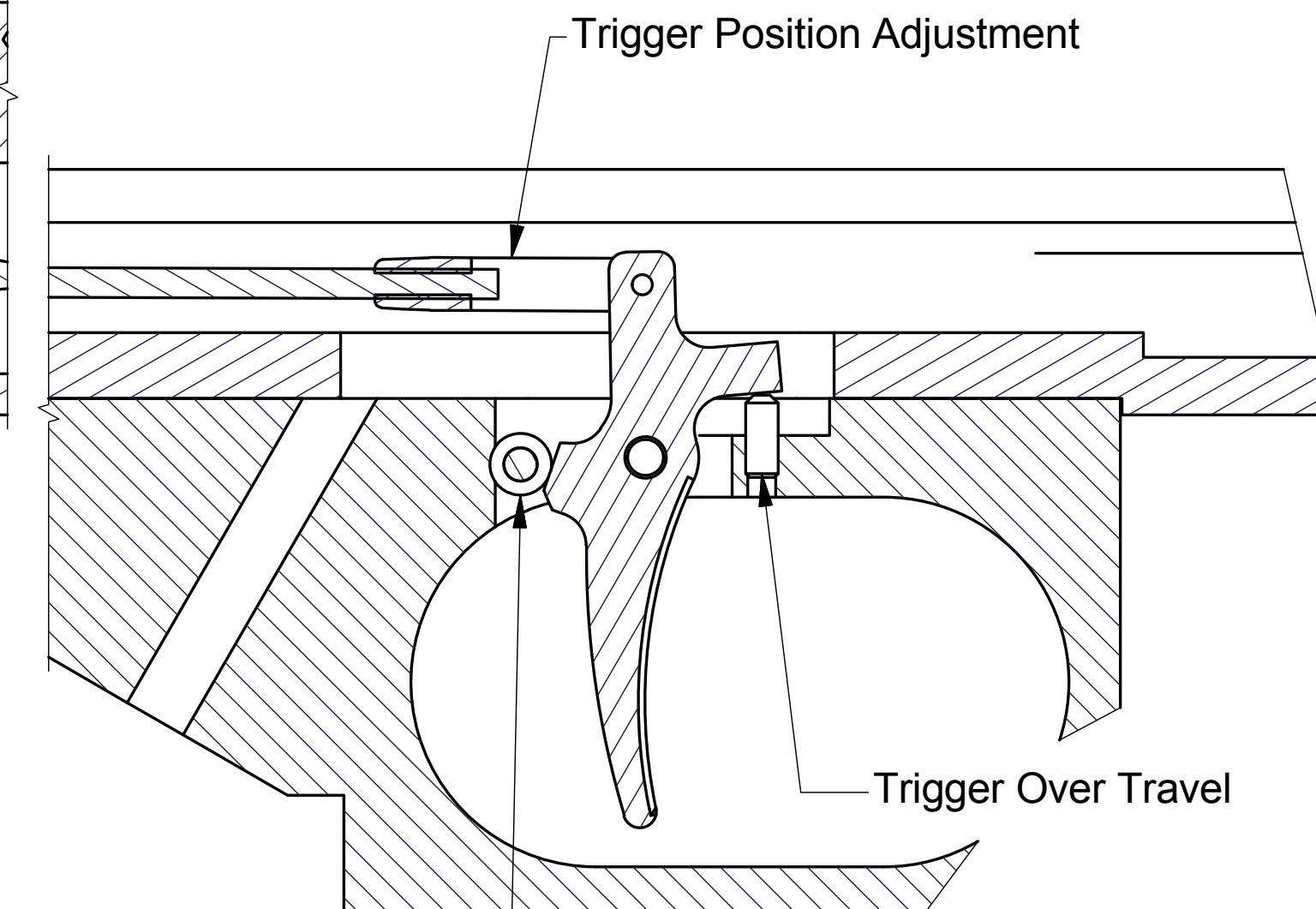
- 1) 0.035" hex wrench - First and second stage adjustment screws.
- 2) 0.050" hex wrench - Over travel adjustment screw.

First and second stage adjustment port



First Stage Adjustment

Second Stage Adjustment



Trigger Position Adjustment

Trigger Over Travel

Safety Engagement

UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES		APPROVALS	DATE	<b>PRELIMINARY</b> <b>American Air Arms</b> (661) 468-7520 www.americanairarms.com	
TOLERANCES ARE: FRACTIONS ANGLES DECIMALS +/- 1/32" +/- .5 .XX=.01 XXX=.005		Tom	5/30/2016		
SURFACE FINISH 63		ELEC.		TITLE	
MATERIAL:		MECH.		Hi-Power Bullpup Trigger Adjustment	
FINISH:		PROD.		SIZE	PROJECT
		QA		B	Hi-Power Pup, Trigger Adjustment
		CONFIG.		REF: P/N	REV
				Hi-Power Pup, Trigger Adjustment	1
				SCALE	FILE TYPE / NAME
				NONE	INVENTOR: Hi-Power Pup, Trigger Adjustment.idw
				SHEET	OF
				1	1