

**ADDITIONAL NOTES RE:
THE X-TREME AR-15 MATCH TRIGGER**

1) THE X-TREME AR-15 MATCH TRIGGER IS A PRECISION MACHINED PRODUCT MADE BY TOOL AND DIE MAKERS USING WIRE EDM AND OTHER MODERN MACHINING TECHNIQUES.

2) THE TRIGGER WAS DESIGNED USING ORIGINAL COLT LOWER RECEIVER DRAWINGS. IDEALLY THE TRIGGER HAS .012" OF SEAR ENGAGEMENT AS THE HAMMER SPUR MAKES CONTACT WITH THE DISCONNECTOR AND THE 2ND STAGE FUNCTION IS ABOUT TO OCCUR. BUT SINCE THERE ARE NOW MANY MANUFACTURERS OF AR RECEIVERS, WE NOW FIND THAT THE MANUFACTURING TOLERANCES VARY GREATLY. SINCE IT IS THE SIDE OF THE RECEIVER THAT SERVES AS THE CASE FOR THE TRIGGER, THE LOCATION OF THE TWO TRIGGER PIN HOLES AND THEIR RELATIONSHIP TO EACH OTHER DRAMATICALLY AFFECTS THE SEAR ENGAGEMENT IN EACH RIFLE.

3) WE SUGGEST THAT GREAT CAUTION BE USED WHEN ADJUSTING THE 2ND STAGE SEAR ENGAGEMENT SCREW AT THE REAR OF THE TRIGGER. NOT ENOUGH SEAR ENGAGEMENT CAN FURTHER COMPOUND THE PROBLEM CREATED BY THE LOWER RECEIVER MANUFACTURER. THIS CAN CREATE AN UN-SAFE CONDITION AND CAUSE DOUBLING OR OTHER UN-WANTED RESULTS. IT IS BEST TO ALWAYS TEST FIRE YOUR RIFLE AFTER TRIGGER ADJUSTMENT TO INSURE RELIABILITY BEFORE ATTENDING A MATCH OR OTHER COMPETITION.