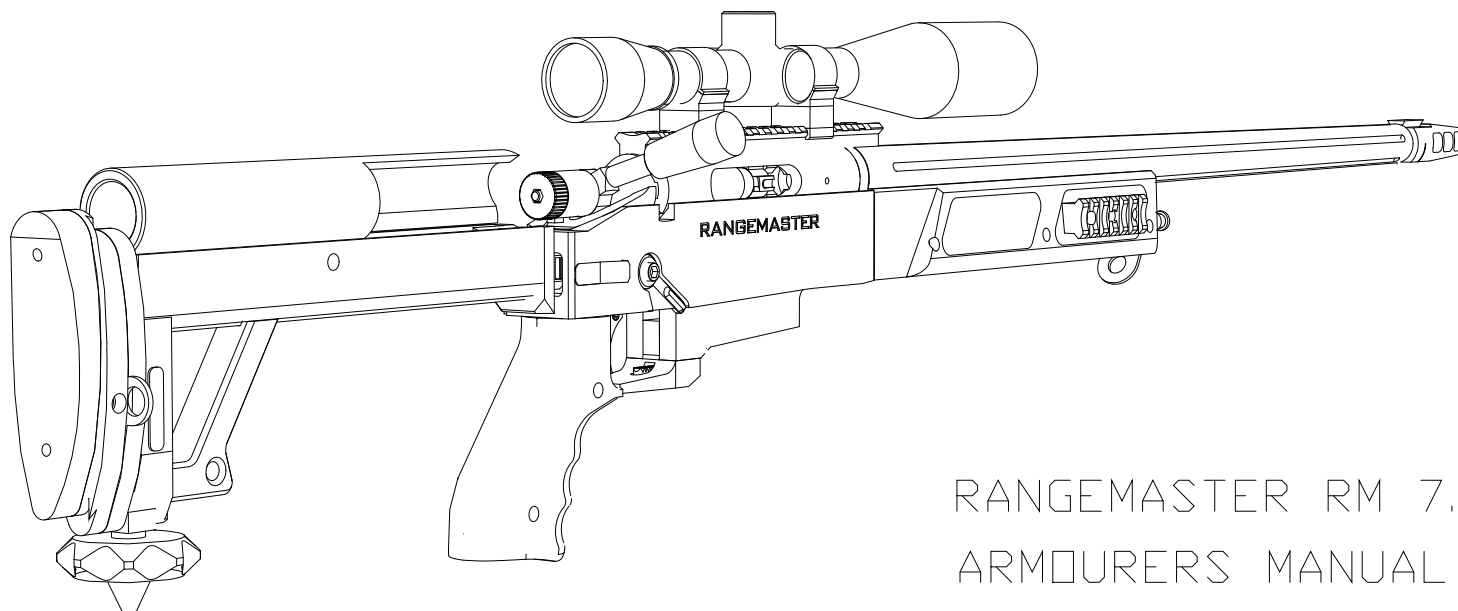
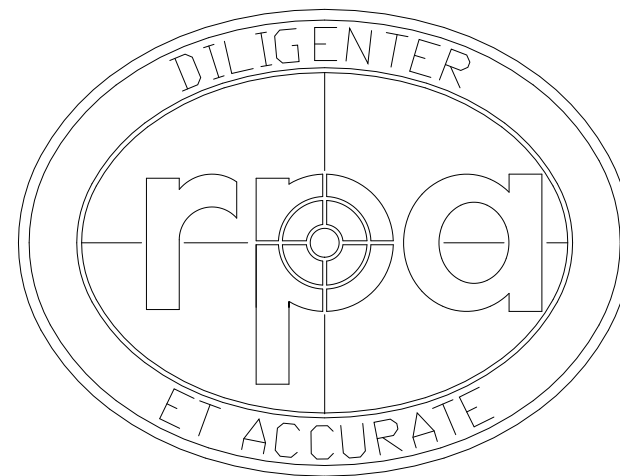
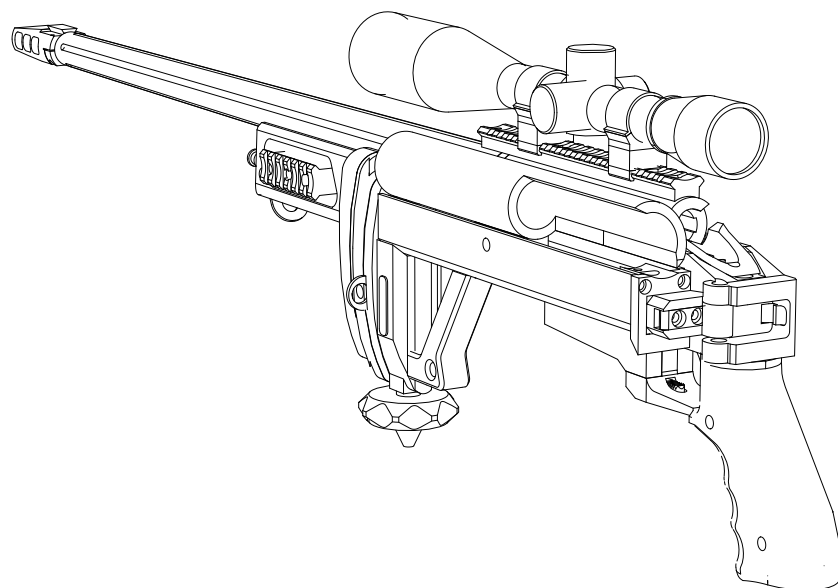


TITLE



RANGEMASTER RM 7.62 RIFLES  
ARMOURERS MANUAL

SPARE PARTS



## ORDERING PARTS

PLEASE CONTACT YOUR LOCAL RPA DEALER OR CALL RPA INTERNATIONAL  
QUOTING THE SERIAL NUMBER OF YOUR FIREARM TO RECIEVE A PARTS  
LIST AND IDENTIFY PARTS TO ORDER

SEND OR FAX INFORMATION TO YOUR LCAL RPA DEALER OR;

RPA INTERNATIONAL LTD  
PO BOX 441  
TONBRIDGE  
KENT  
ENGLAND  
TN9 9DZ

TEL +44 845 880 3222  
FAX +44 845 880 3232  
EMAIL [INFO@RPAINTERNATIONAL.CO.UK](mailto:INFO@RPAINTERNATIONAL.CO.UK)  
[WWW.RPAINTERNATIONAL.CO.UK](http://WWW.RPAINTERNATIONAL.CO.UK)

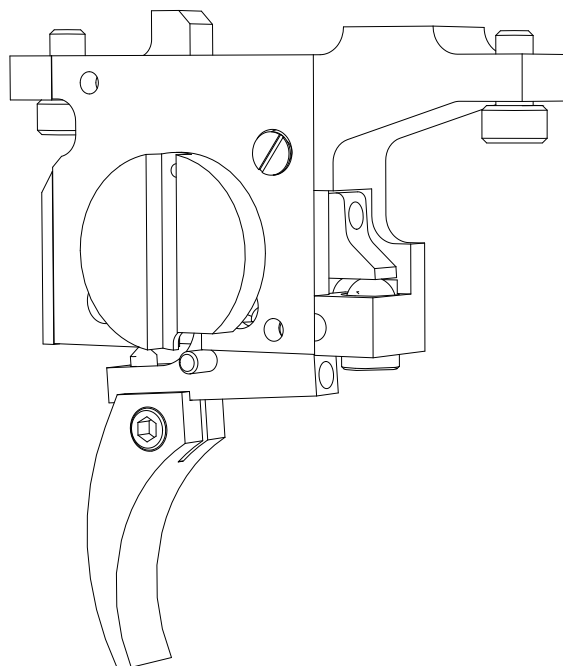


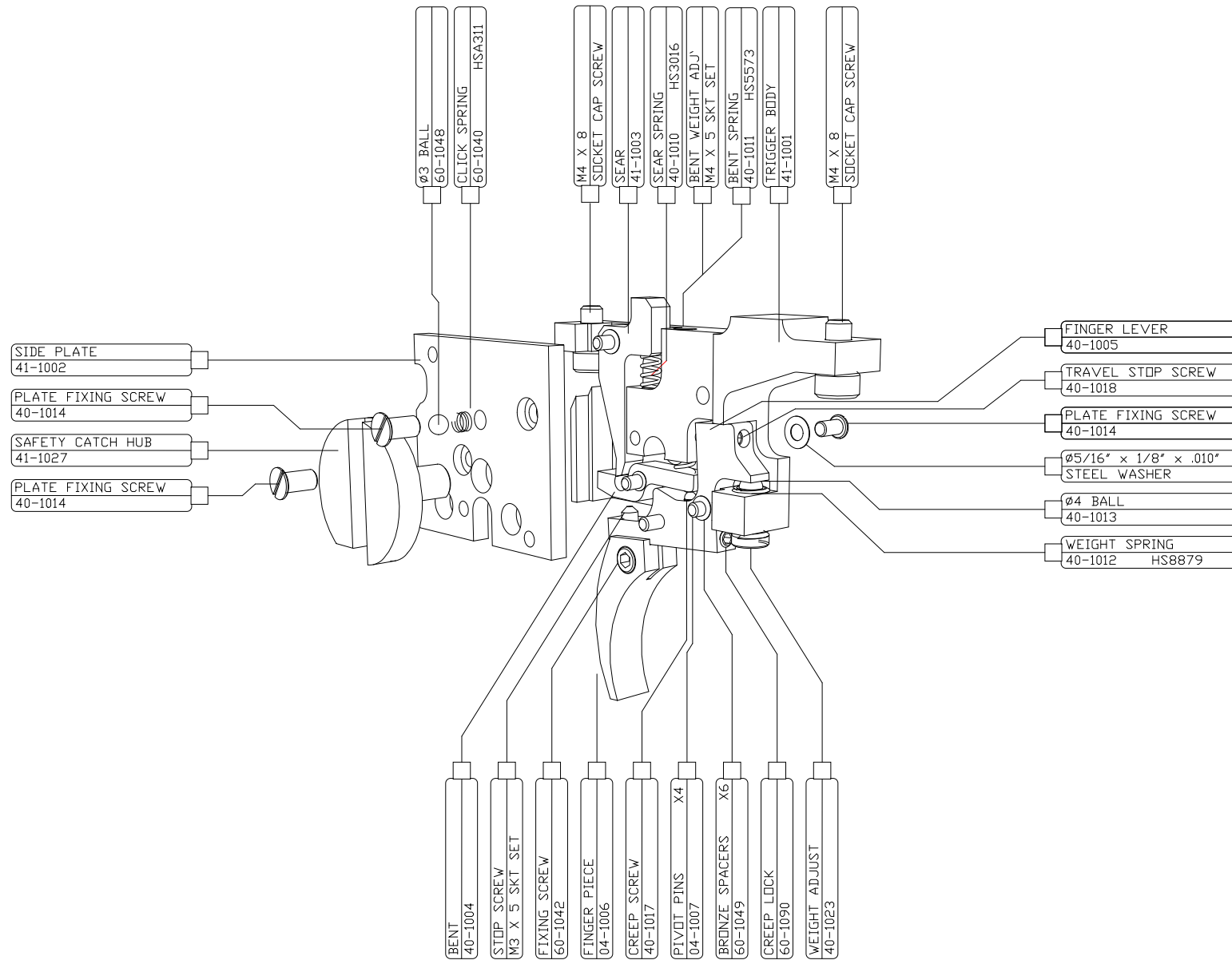
## TRIGGER;

YOUR RPA FIREARM IS FITTED WITH A HIGH PRECISION RPA TWO STAGE TRIGGER ASSEMBLY, SET TO A MILITARY 1.5Kg PULL.

THE 1ST PULL ON THE TRIGGER TAKES UP THE PRESSURE IN THE TRIGGER MECHANISM AND THE TRIGGER CAN BE FELT TO REACH A "STOP". A FURTHER GENTLE PULL (SQUEEZE) WILL FIRE THE FIREARM.

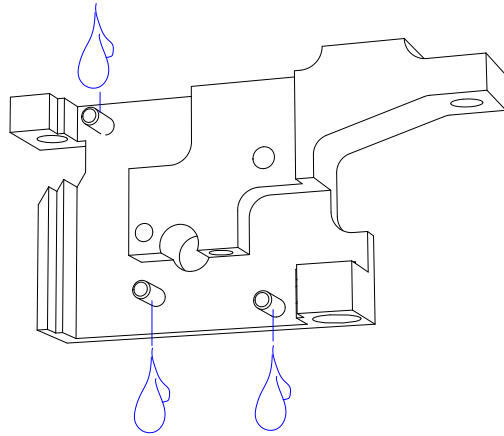
THE TRIGGER ASSEMBLY IS ADJUSTED, SET AND TESTED AT THE RPA FACTORY. HOWEVER, AFTER INITIAL USE, WHEN ALL THE MOVING PARTS ARE BEDDED IN, A FURTHER ADJUSTMENT MAY BE REQUIRED. TRIGGER ADJUSTMENT IS A SKILLED OPERATION AND IT IS RECOMMENDED THAT ANY TRIGGER ADJUSTMENTS ARE MADE BY AN RPA APPROVED GUNSMITH OR TRAINED ARMOURER.



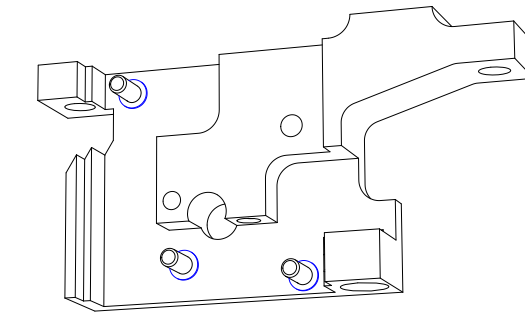




GRAPHITE PASTE

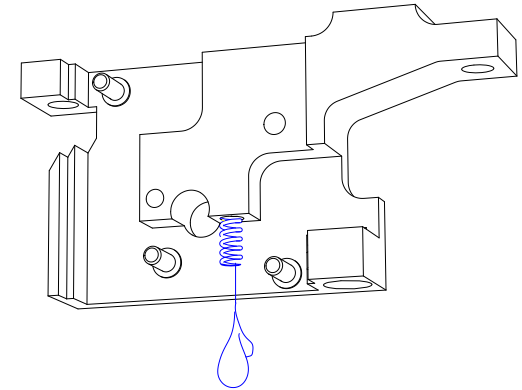


TRIGGER BODY

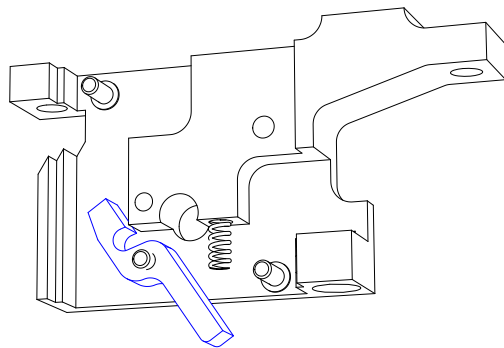


3 BRONZE SPACERS

GREASE

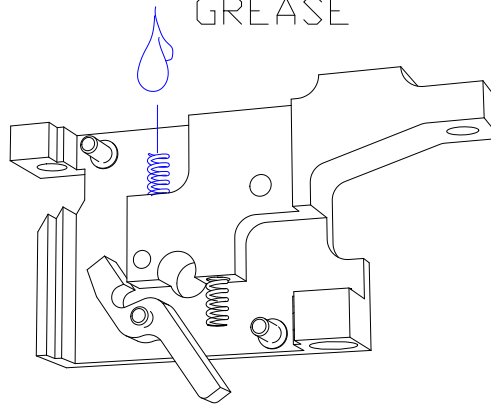


BENT SPRING

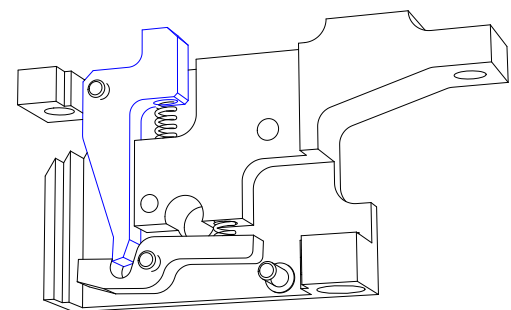


BENT

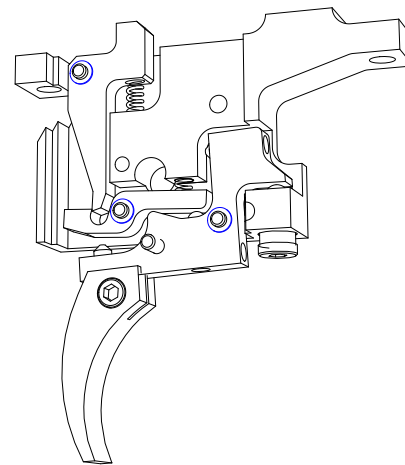
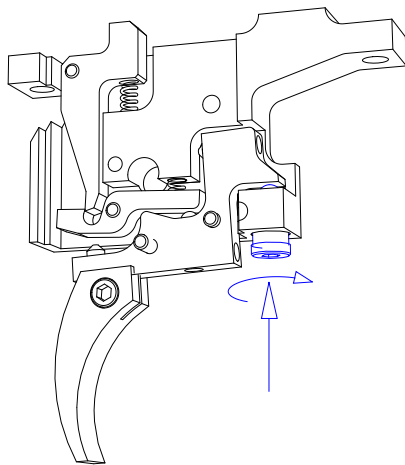
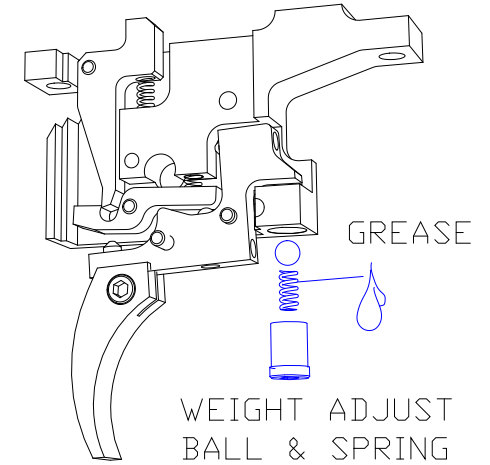
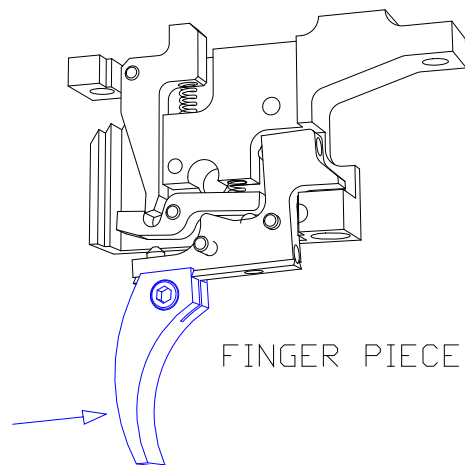
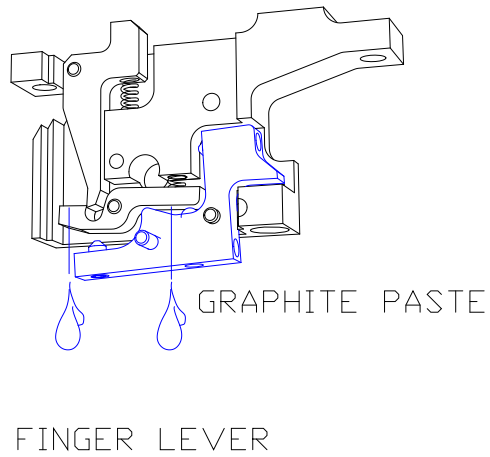
GREASE



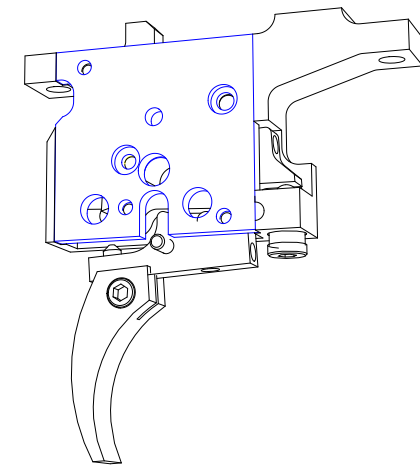
SEAR SPRING



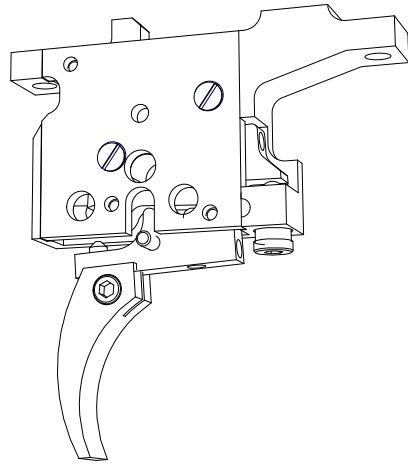
SEAR



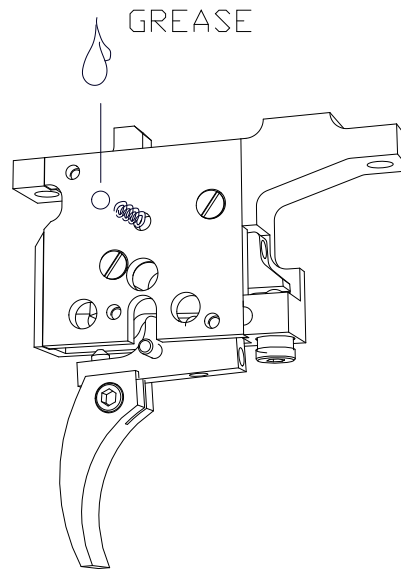
3 BRONZE SPACERS



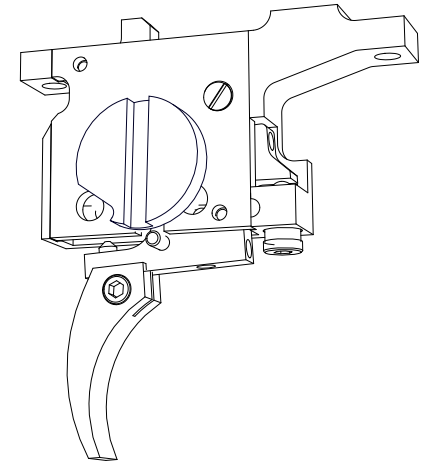
SIDE PLATE



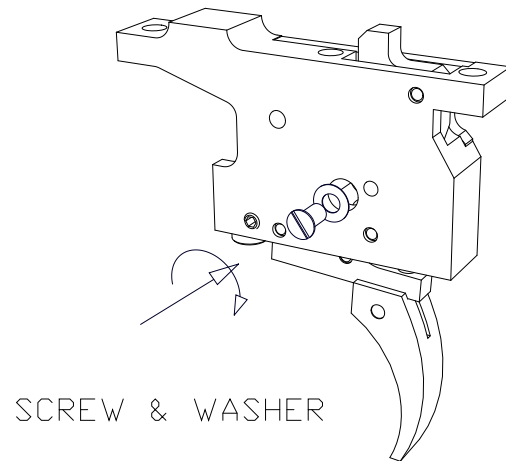
2 PLATE FIXING SCREWS



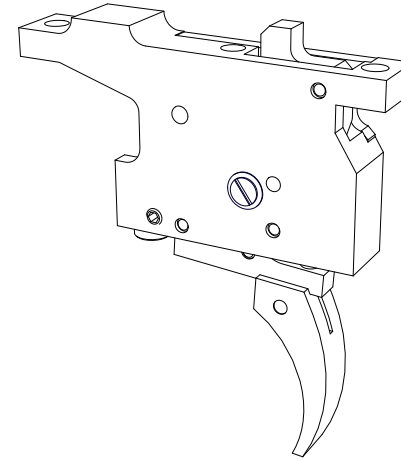
BALL & SPRING

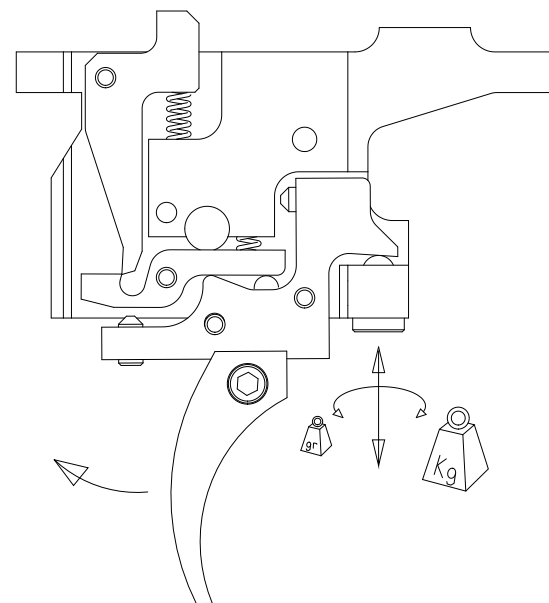
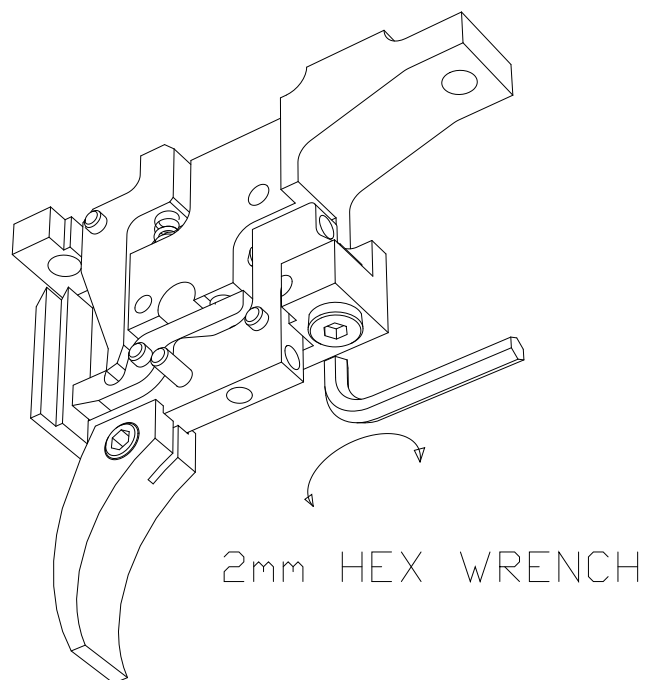


SAFETY CATCH HUB



SCREW & WASHER





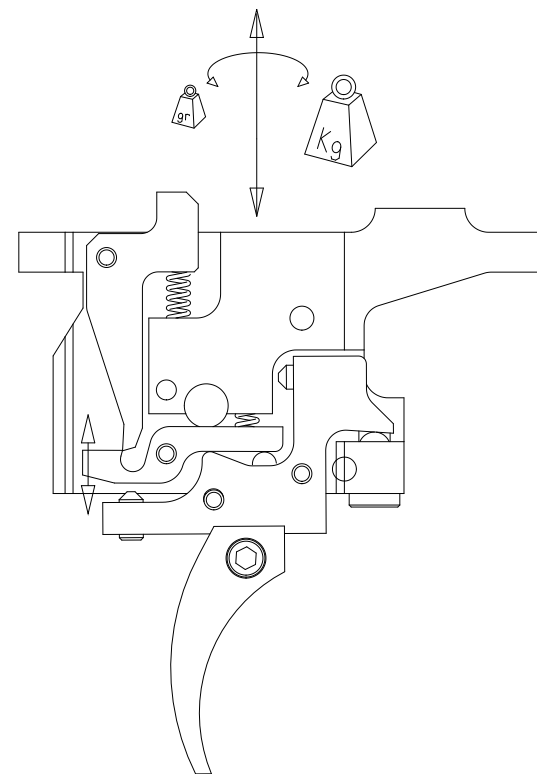
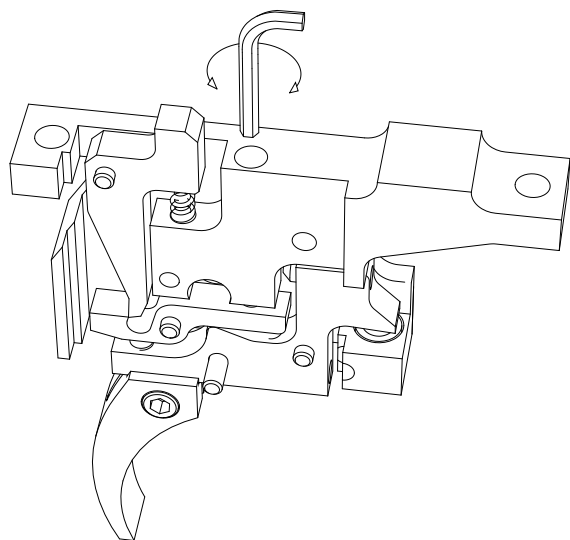
## TRIGGER WEIGHT ADJUSTMENT

ADJUSTMENT HERE WILL ALTER THE FEEL OF THE FIRST STAGE PULL. SCREW IN TO MAKE HEAVIER, UNSCREW TO MAKE LIGHTER



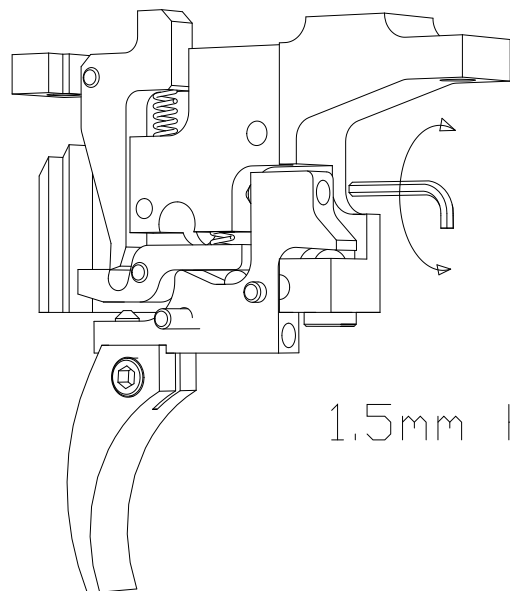


2mm HEX WRENCH

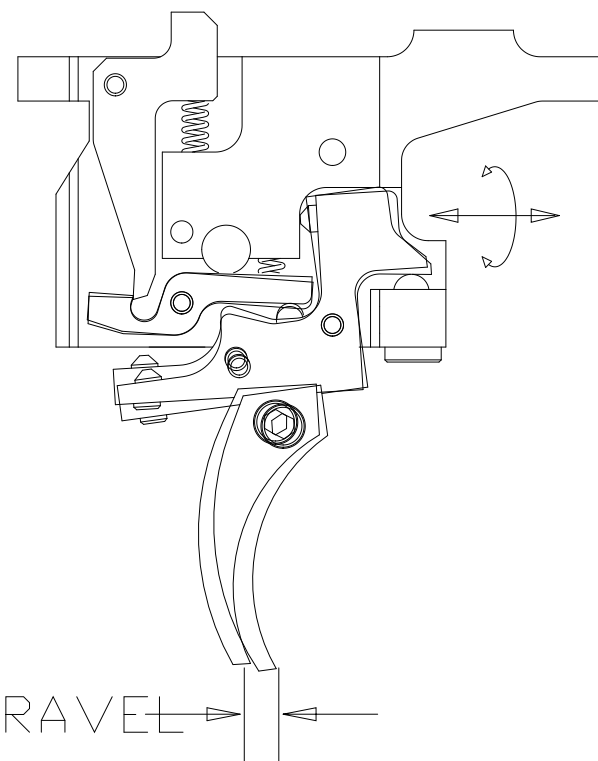


BENT WEIGHT ADJUST

ADJUSTMENT HERE IS TO ENSURE THAT THE BENT RETURNS TO THE SAFE POSITION. THIS IS FACTORY SET AND NEEDS NO ADJUSTMENT



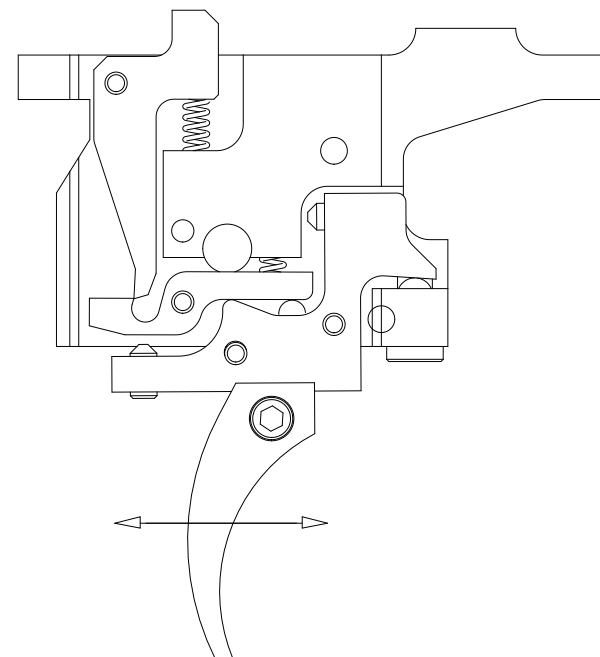
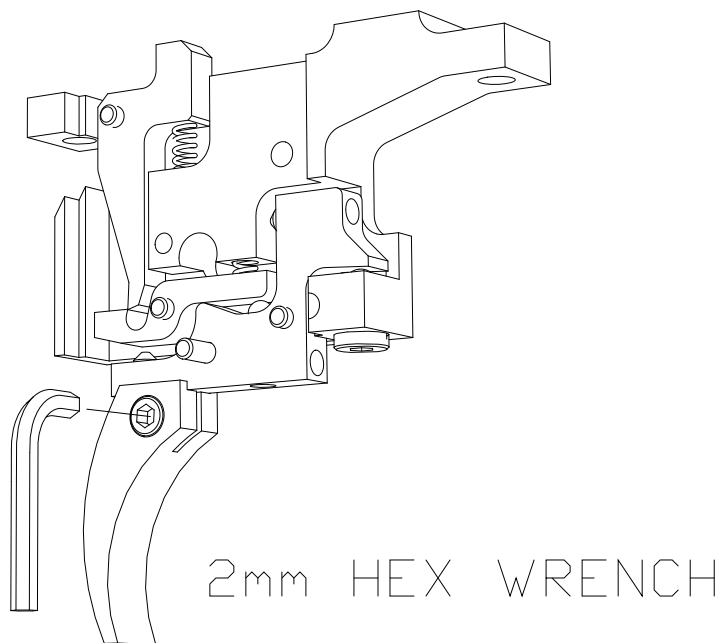
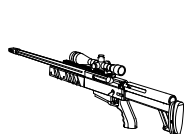
1.5mm HEX WRENCH



1st STAGE TRAVEL

### 1ST STAGE TRAVEL ADJUSTMENT

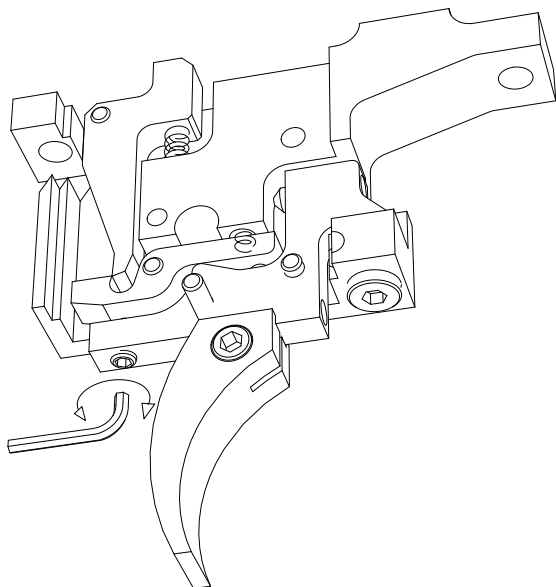
ADJUSTMENT HERE WILL DETERMINE THE FINAL REST POSITION AND TRAVEL DISTANCE OF THE FINGER LEVER. SCREW IN TO MAKE A SHORTER FIRST STAGE, OUT TO MAKE IT LONGER.



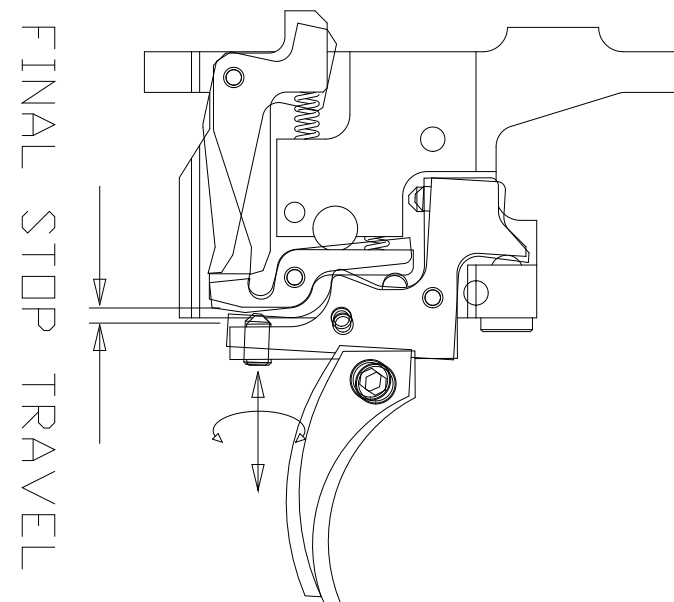
### FINGER PULL ADJUSTMENT

ADJUST TO POSITION THE FINGER PULL FOR COMFORT

NOTE; ANY ADJUSTMENT HERE WILL ALTER THE FORCE REQUIRED TO OPERATE THE TRIGGER. IE FORWARD POSITION WILL MAKE A HEAVIER PULL, WHEREAS A REAR POSITION WILL MAKE A LIGHTER PULL.



1.5mm HEX WRENCH



FINAL STOP TRAVEL

## FINAL STOP ADJUSTMENT

ADJUST HERE TO ALTER THE DISTANCE THAT THE FINGER PIECE WILL TRAVEL AFTER THE TRIGGER HAS RELEASED

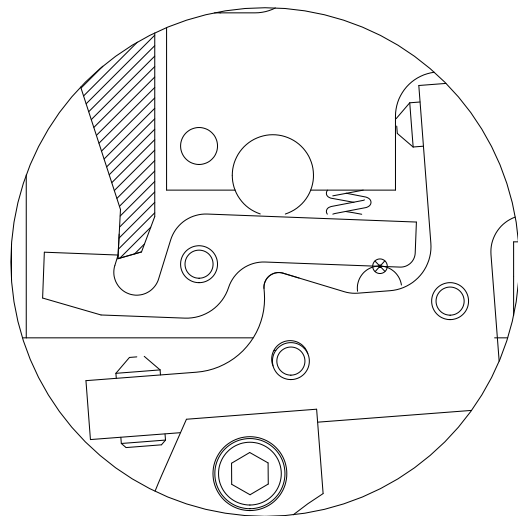


## TWO STAGE TRIGGER

WHEN THE TRIGGER IS PULLED, IT WILL TRAVEL THROUGH THE SAFETY ZONE UPTO A POINT JUST BEFORE POINT OF RELEASE. THIS IS CALLED FIRST STAGE. IT MUST RETURN TO THE SAFETY ZONE WHEN THE TRIGGER IS RELEASED.

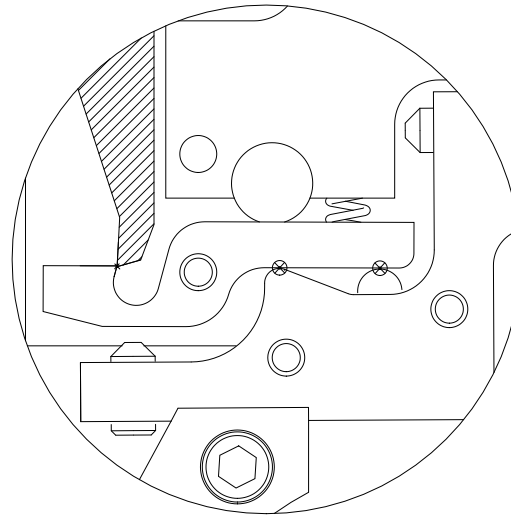
THE MOVEMENT BETWEEN THE JUST BEFORE RELEASE POINT AND ACTUAL RELEASE POINT IS CALLED THE SECOND STAGE.

CREEP IS THE SMALL MOVEMENT OF THE FINGER LEVER BETWEEN FIRST STAGE AND SECOND STAGE

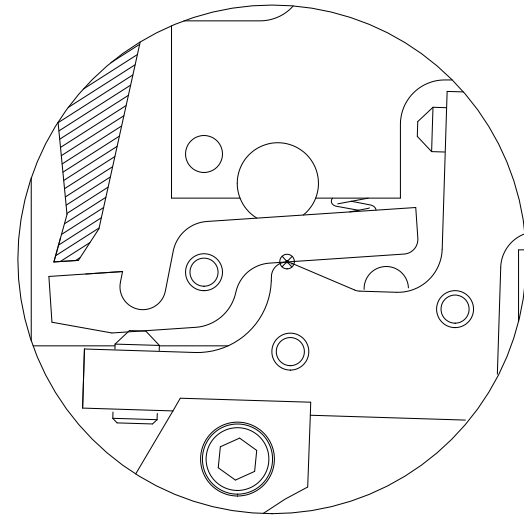


SAFETY MOVEMENT

FIRST STAGE

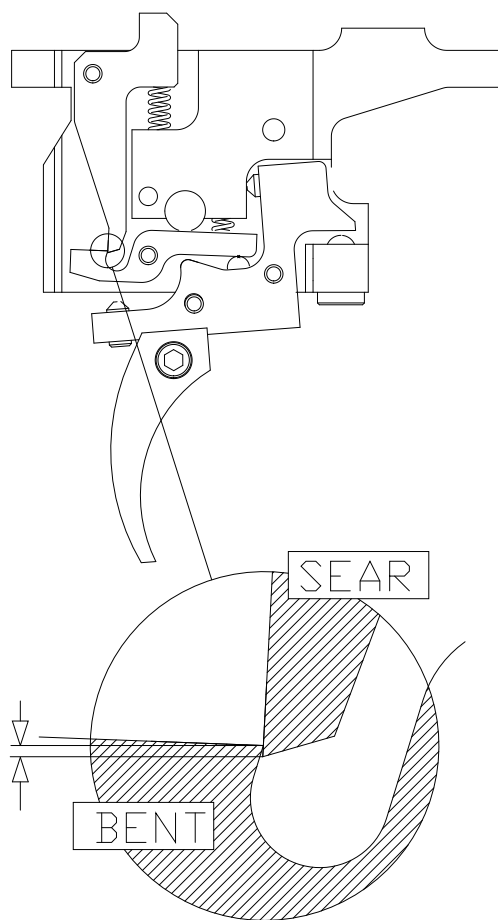
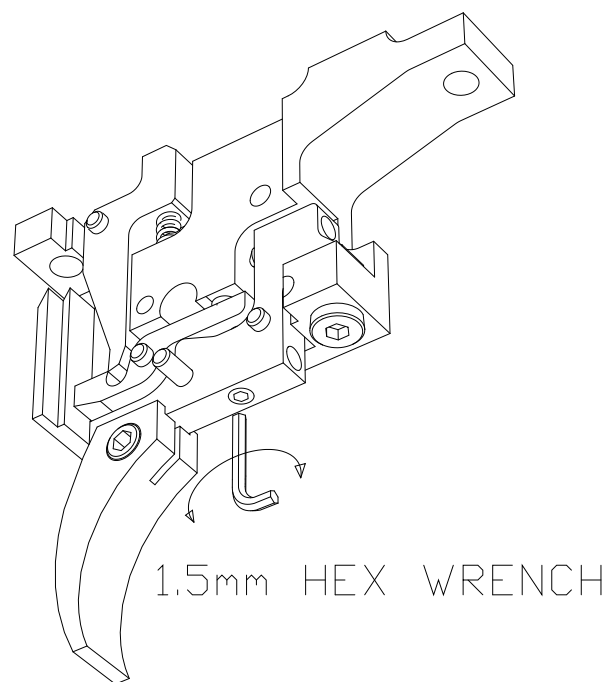


JUST BEFORE POINT OF RELEASE

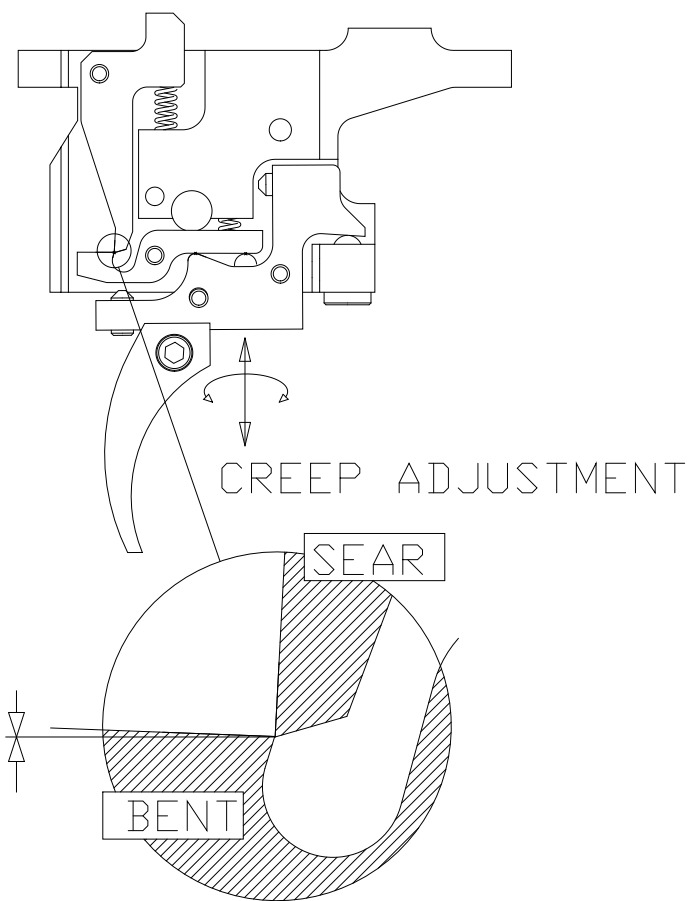


POINT OF RELEASE

SECOND STAGE



PRE-POINT OF RELEASE



POINT OF RELEASE

CREEP IS THE SMALL MOVEMENT OF THE FINGER LEVER BETWEEN FIRST STAGE AND SECOND STAGE



## 2 STAGE TRIGGER ADJUSTMENT

Excessive creep :- Screw in CREEP SCREW at 1/8 of a turn at a time, re-check to ensure BENT returns to safe position.

No first stage/pull through :- Unscrew CREEP SCREW at 1/8 of a turn at a time, re-check to ensure BENT returns to safe position.

Heavy :- Check for excessive creep, adjust if necessary. Unscrew WEIGHT SCREW at 1/8 of a turn at a time until correct weight is attained.

Light :- Check first stage for pull through, adjust if necessary. Screw in WEIGHT SCREW at 1/8 of a turn at a time until correct weight is attained.

First to second stage weight ratio :- Factory preset but if necessary, screw BENT WEIGHT in to make heavier or out to make lighter. Re-check to ensure BENT returns to safe position. Reset WEIGHT SCREW.

This trigger is not recommended for single stage use.

Do not set CREEP parameters too close on first use. Please allow time for component parts to settle in.

Always allow BENT and SEAR to return to safe position (full engagement) when setting TRIGGER STOP screw

Keep trigger clean and dry. Apply anti scuffing grease to mating faces for trouble free operation

