

NUMBER A-EXPI411		REMINGTON ARMS CO. INC. ELIOT RESEARCH DIV.		THIS DRAWING OR INFORMATION IS PROPRIETARY INFORMATION TO THE REMINGTON ARMS COMPANY, INC.		RECOMMENDED MATERIAL AND HEAT TREAT MATERIAL <u>MUSIC WIRE</u> HEAT TREAT _____	
TITLE SPRING TRIGGER ADJUSTMENT		SCALE _____ SUPERSEDES _____ REFERENCE _____		DES. BY DATE <u>LRS 8-2-85</u>		ORG. BY DATE _____ CHK. BY DATE _____ APP. BY DATE _____	
MODEL	PART USE						
NBAR	TRIGGER ADJUSTMENT SPG						

INSPECTION

1. TO WORK FREELY IN A 8.09 DIA. HOLE

2. TO WORK FREELY ON 7.01 DIA. PIN

3. LOAD 600 TO 500 LB. AT _____ (L1) R. SQUARE

LOAD 500 TO _____ LB. AT _____ (L2) GROUND

4. SOLID HEIGHT _____ MAX. 7. WIND _____ HAND

5. FREE LENGTH _____ MIN. 8. REMOVE SET: NO (EXCEPT FOR INSP)

6. ENDS _____ YES

MANUFACTURE

9. WIRE DIA. .021

10. OUTSIDE DIA. .102

11. FREE LENGTH .599

12. COILS: ACTIVE 16

TOTAL 19

DESIGN DATA

13. SPRING RATE 82.88 LB./IN.

14. SOLID STRESS 230.369 LB./SQ.IN.

15. SOLID LOAD 3.88 LBS.

16. SPRING INDEX 7.27

17. TORSIONAL MODULUS _____ LB./SQ.IN.

18. CURVATURE CORRECTION FACTOR _____ (WAHL)

19. VELOCITY IMPACTING MASS _____ IN./SEC.

20. CRITICAL FREQUENCY _____ HZ.

PROCEDURE FOR REMOVING SET: COMPRESS TO SOLID AND HOLD FOR 24 HRS.
OR BUMP SET 25 TIMES.

THIS SPRING MUST MEET THE REQUIREMENTS IN THE INSPECTION SECTION.
FIGURES GIVEN IN THE MANUFACTURE SECTION INDICATE THE PREFERRED
SPRING, BUT THE MANUFACTURER MAY DEVIATE FROM THESE AT HIS OWN
DISCRETION. FIGURES IN THE DESIGN DATA SECTION ARE BASED ON THOSE
IN THE MANUFACTURE SECTION.

REF. LRS 8-2-85 TRIGGER-ADJUSTMENT

ALT.	ENG	REF.	BY	DATE

TFA-3 REV. 3
ALTERATIONS
CV FILENAME - RES.FORM.SPG
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