

BARBER - R 0000078

SHEET SIZE A	NUMBER 301460	REMINGTON ARMS CO., INC. Madison, NC 27025		
		SCALE 5X	SUPERSEDES	REFERENCE
TITLE SPRING, SECONDARY TRIGGER PULL SPRING				
DES. BY DATE JWR 8-28-06		DRN. BY DATE JWR 10-5-06		CHK. BY DATE
MODEL	PART NO.	PART USE		
	301460	SECONDARY TRIGGER PULL SPRING		

THIS DRAWING OR INFORMATION IS
PROPRIETARY INFORMATION TO THE
REMINGTON ARMS COMPANY, INC.

MATERIAL AND HEAT TREAT

MATERIAL : MUSIC WIRE (ASTM A228)

HEAT TREAT : STRESS RELIEVE

FINISH : OIL

INSPECTION

1. TO WORK FREELY IN A 0.125 DIA. HOLE.
2. TO WORK FREELY ON A 0.050 DIA. PIN.
3. LOAD 1.91 TO 2.51 LB. AT 0.375 (L1)
4. LOAD 3.46 TO 4.46 LB. AT 0.354 (L2)
5. SOLID HEIGHT 0.195 MAX. 5. WIND EITHER HAND
6. FREE LENGTH 0.412 MAX. 7. ENDS CLOSED & GROUND
8. CHECK HERE FOR NON-COMMERCIAL TOLERANCES ☐

MANUFACTURE

9. WIRE DIA. 0.025
10. FREE LENGTH 0.402
11. OUTSIDE DIA. 0.120
12. COILS: ACTIVE 7.9
13. CHECK HERE FOR SET REMOVAL ☐ TOTAL 9.9

DESIGN DATA

14. SPRING RATE 83 LB./IN.
15. STATIC STRESS AT SOLID 285990 LB./SQ.IN.
16. DYNAMIC STRESS 0 LB./SQ.IN.
17. TOTAL STRESS AT SOLID 285990 LB./SQ.IN.
18. SOLID LOAD 13.0 LBS.
19. SPRING INDEX 3.800
20. TORSIONAL MODULUS 11.5E6 LB./SQ.IN.
21. CURVATURE CORRECTION FACTOR 1.430 (WAHL)
22. VELOCITY IMPACTING MASS 0 IN./SEC.
23. CRITICAL FREQUENCY 4888 HZ.
24. TOTAL STRESS AS % OF TENSILE STRENGTH 80%
25. ENERGY FROM L1 TO L2 0.047 IN-LBS.



B	REVISED AND REDRAWN		JWR	04-05-07
A	REVISED AND REDRAWN		JWR	10-5-06
ALT.	WAS	REF.	BY	DATE
ALTERATIONS				

THIS SPRING MUST MEET THE REQUIREMENTS IN THE INSPECTION SECTION. FIGURES GIVEN IN THE MANUFACTURE SECTION INDICATE THE PREFERRED SPRING. THE MANUFACTURER MAY, WITH PRIOR APPROVAL, DEVIATE FROM THESE FIGURES. FIGURES IN THE DESIGN DATA SECTION ARE BASED ON THOSE IN THE MANUFACTURE SECTION.

SOLIDWORKS FILE : 301460 - secondary trigger pull spring

NOT RELEASED FOR PRODUCTION

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

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R 2193580