

LUCA 5 MOTOR

TEST ↓

M-418.G
.GPE
PRE TR2 — EARLY 6
≈ 1940? — 1970
MANY ENGLISH CARS

M-200PE
1970 →

MJ-35
(SPITFIRES)

LOCKED
ROTOR
(BENCH
TEST)

450A
@ 7.2V
(4.3 ELE H.P)
(∅ H.P. OUT)

465A

NORMAL
STARTING
 $1000 \times \frac{90}{10} = 110$
(IN CAR TEST)

260A
@ 9.2V
(3.2 H.P. ELE IN)

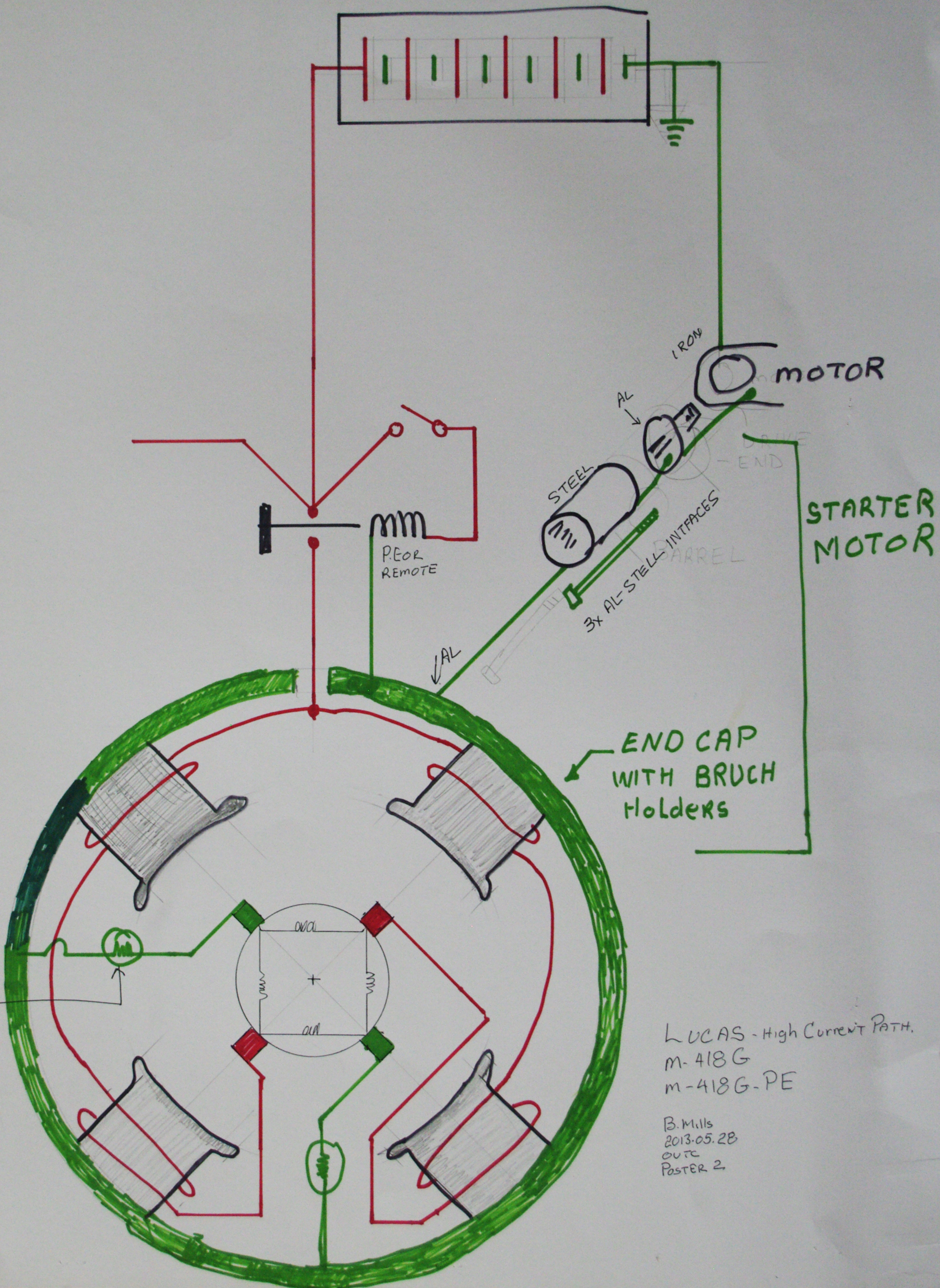
300A

NO LOAD
BENCH TEST
SERIES WOUND
MOTOR

45A @ 12.0V
(0.7 ELE H.P. IN)
6-8,000 RPM!

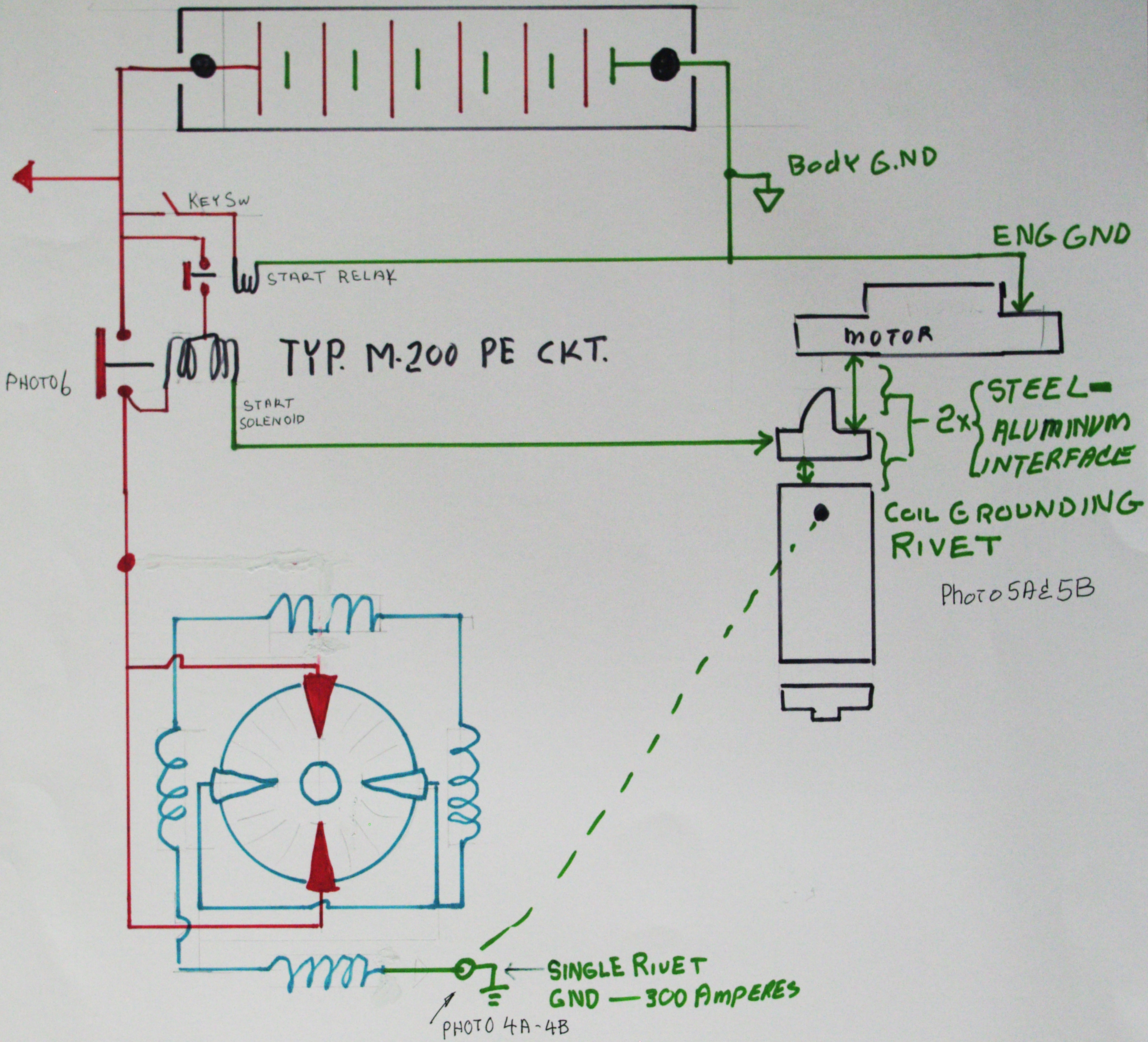
40A

HARD TO
FIND GOOD
INFO
← →



Copper, BRONZE
ALUMINUM
Photo 1,2,3

LUCAS - High Current PATH.
M-418G
M-418G-PE
B. Mills
2013-05-28
OUTC
POSTER 2



		DATE	D.C. R
25533 A	M 418 G	3/54 (MIKES)	0.009 - 1.093 (IT FAILED MY 4A)
25550 A	M 418 G	8/62	0.004 - 0.211
	M 418 G	12/64	0.041 - 0.084
	M-418-G-PE	50/70	0.913 (TOTAL MOTOR)
	2M100 PE	?	1.071 Ω
25647 B	2M100 PE	4/71,	0.418 Ω
"	J 2M100 PE	4/74	0.334
"	J 2M100 PE	48/74	0.002
"	J 2M100 PE	35/75	0.821 Ω

BRUSH
Holder
D.C.R

← EARLY
TR 6

SOME
SAMPLES

← 1 in 9
GOOD.

(20 YRS SPREAD)

POSTER 4

Brush Length - New 0.54 0.52 ~~0.5~~

TYP WIDTH TOP 0.345 "
-SIDE 0.750

USED $0.50 - 0.48$ typ

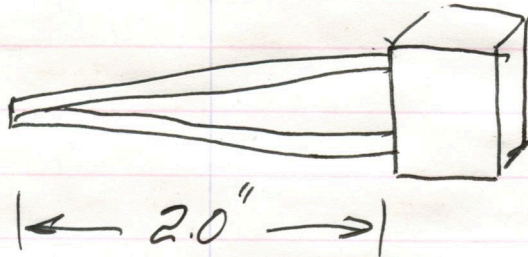
wave limit = ~~0.8~~

$5/16$
 $.310$

Spring tension ≈ 1 KG

wire length on brush.

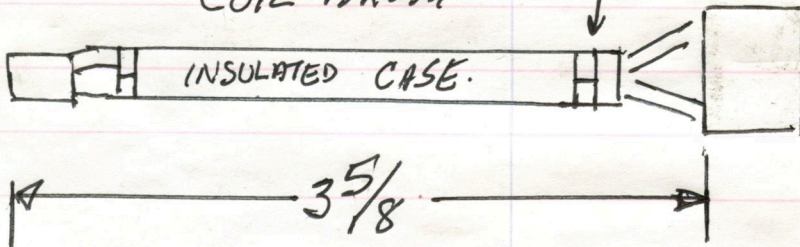
GROUND
BRUSH.



USED

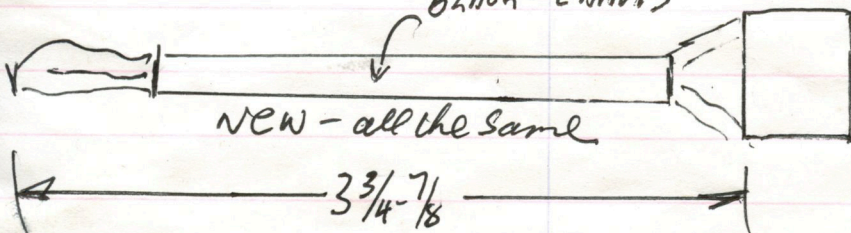
COIL BRUSH.

metal crimps



USED

BLACK-CANVUS



NEW.

$4/8$

— up to 250 , (early 6?) $4/8$ PE