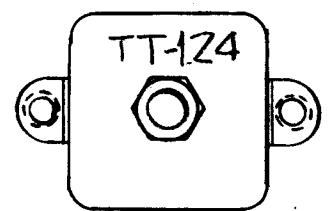
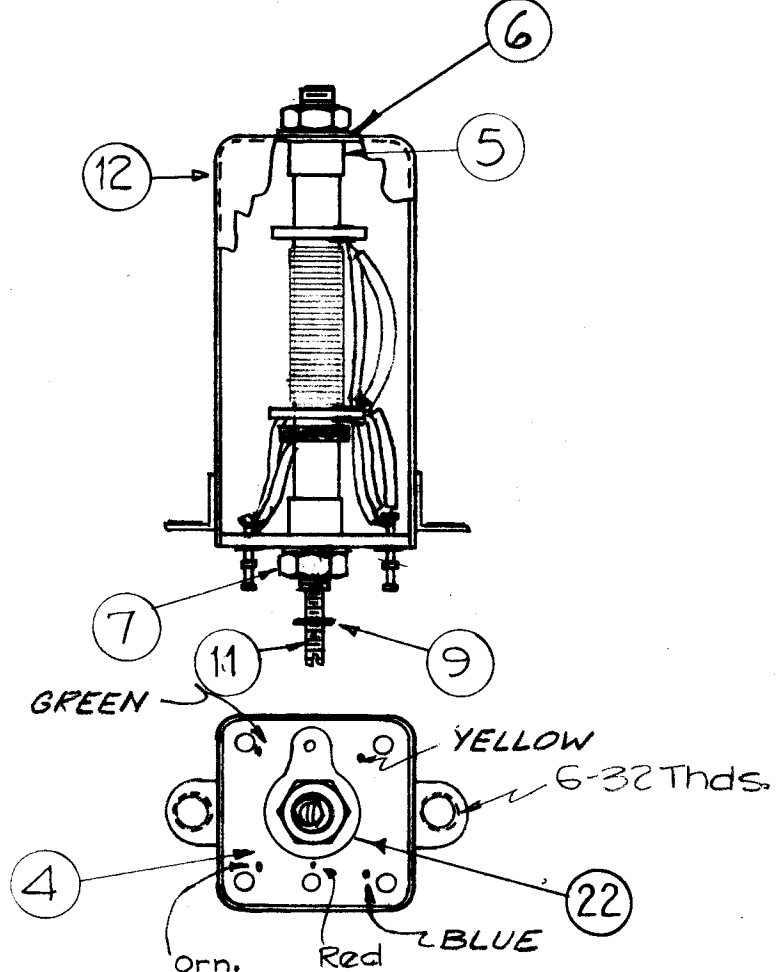


A-1978

STAMP CAN AS SHOWN 1/8 HIGH BLACK GOTHIC. NOTE ~ STAMP TMC INSIGNIA & APPROVAL ON SIDE OF CAN.



CEMENT COIL FORM BUSHING WITH GL-103.



COLOR CODE TERMINAL BOARD AS SHOWN

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
G		IT. 16 WAS RC20GF104J	9.27.66	16902	WAO	JCB	
F		YEL. WAS GRN, GRN WAS YEL, BLU WAS WHT	11/1/66	15416	A.V.A.	JCB	

TOLERANCES		SCALE:	
DEC. DIM. ±		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.	
FRAC. DIM. ±		REMOVE ALL BURRS AND SHARP EDGES	
ANGULAR DIM. ±			

WINDING MACHINE DATA (FOR PI WINDING)

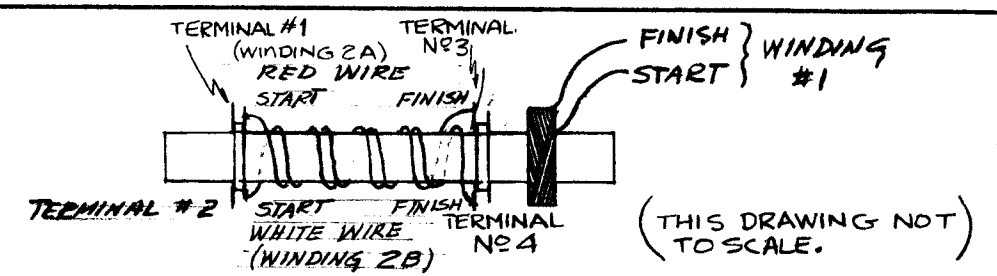
Cam Gear	49
Driver Gear	95
Cam	.125

WINDING DATA

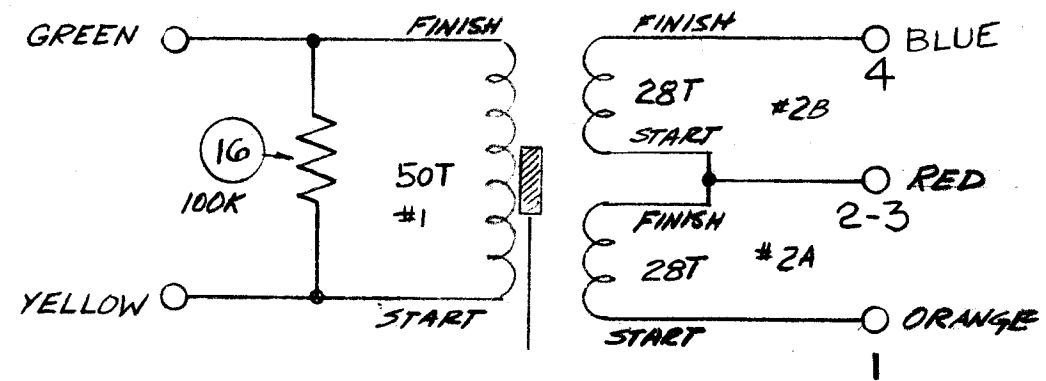
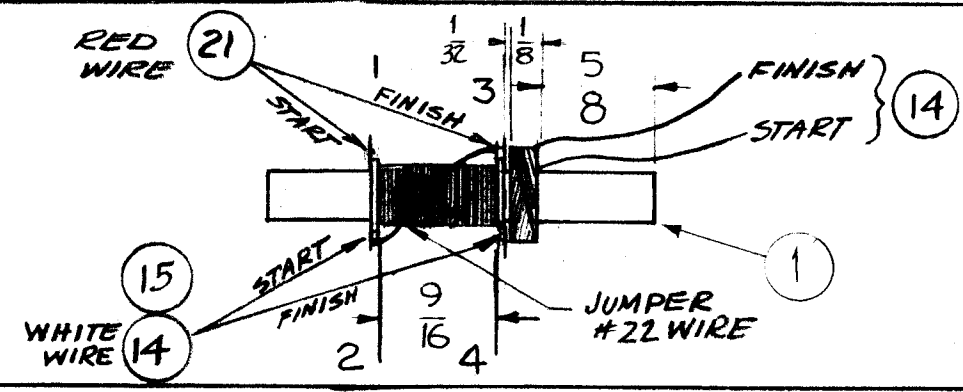
1. Start winding #1, 5/8 from end of form.
2. End winding #1 at 50 turns.
3. Keep all leads approximately 3" long.
4. Stake leads to coil form with GL-103 (item 2).
5. Assemble collar terminals (item 15) on form as shown, and stake with GL-104-2. (item 3).
6. Fasten one end of WI-106-17-2 RED to terminal #1, and fasten one end of WI-106-17 to terminal #2 (white).
7. Keep wires parallel, close wind 28 turns. Fasten end of item 14 (white) to terminal 4. Fasten end of item 21 (red) to terminal 3.
8. Bake unit for 1/2 hour at 215° F.
9. Coat windings and collar terminals with item 3.
10. Bake hard for 1/2 hour at 215° F.
11. Test as shown in test data.
12. Assemble as shown at left.

THIS DATA MUST BE TAKEN WITHOUT THE JUMPER WIRE BETWEEN TERM. 2 & 3. TEST DATA (W/OUT CORE)

Winding #1	Winding #2A (Term. 1-3)	Winding #2B (Term. 2-4)
L = 21 uh (±10%)	L = 2.3 uhy ±.1	L = 2.3 uhy ±.1
Q = 30 or Greater	Q = 15 or Greater	Q = 15 or Greater
Freq = 2.5 mcs	Freq = 7.9 mc.	Freq = 7.9 mc



QTY	ITEM	PART NO.	DESCRIPTION	SYMBOL
1	22	TE-104-3	GROUND LUG.	
X	21	WI-106-17-2	Wire, Magnet #36 DNC	Red
X	20	PX-104-8-.022	Sleeving	Orange
X	19	PX-104-4-.022	Sleeving	Green
X	18	PX-104-3-.022	Sleeving	Red
X	17	PX-104-2-.022	Sleeving	Yellow
1	16	RC20GF104J	Resistor, Fixed, Carbon	
2	15	TE-181-2	Terminal, COLLAR	
X	14	WI-106-17	Wire, Magnet #36 DNC	White
X	13	WL-100-8	Wire, Buss-Bar #24	
1	12	A-1950-1	Can Assembly	
1	11	CI-116-5	Core Tuning	Red
X	10	PX-104-6-.022	Sleeving	Blue
1	9	NTH0348BN6	Nut, Hex	
X	8	BS-100	Solder, Soft	
2	7	NTH0832BN8	Nut, Hex	
1	6	LWI08MRN	Lockwasher, Int.	
2	5	SM-140-2	Bushing, Coil Mtg.	
1	4	PX-586-1	Terminal Board	
X	3	GL-104-2	Insulex, U85	
X	2	GL-103	Cement, Duco	
1	1	CF-122-1.93	Coil Form .250 O.D.	



1	CHG-1	MF/RF		9-22-60
REQ. PER UNIT	MODEL	PROJECT NO.	ASS'Y. NO.	DATE

THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
TT-124, TRANS. ASS'Y BALANCED MODULATOR TRANSFORMER			
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
		U.K.F.	AJT
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.
		A-1978	G