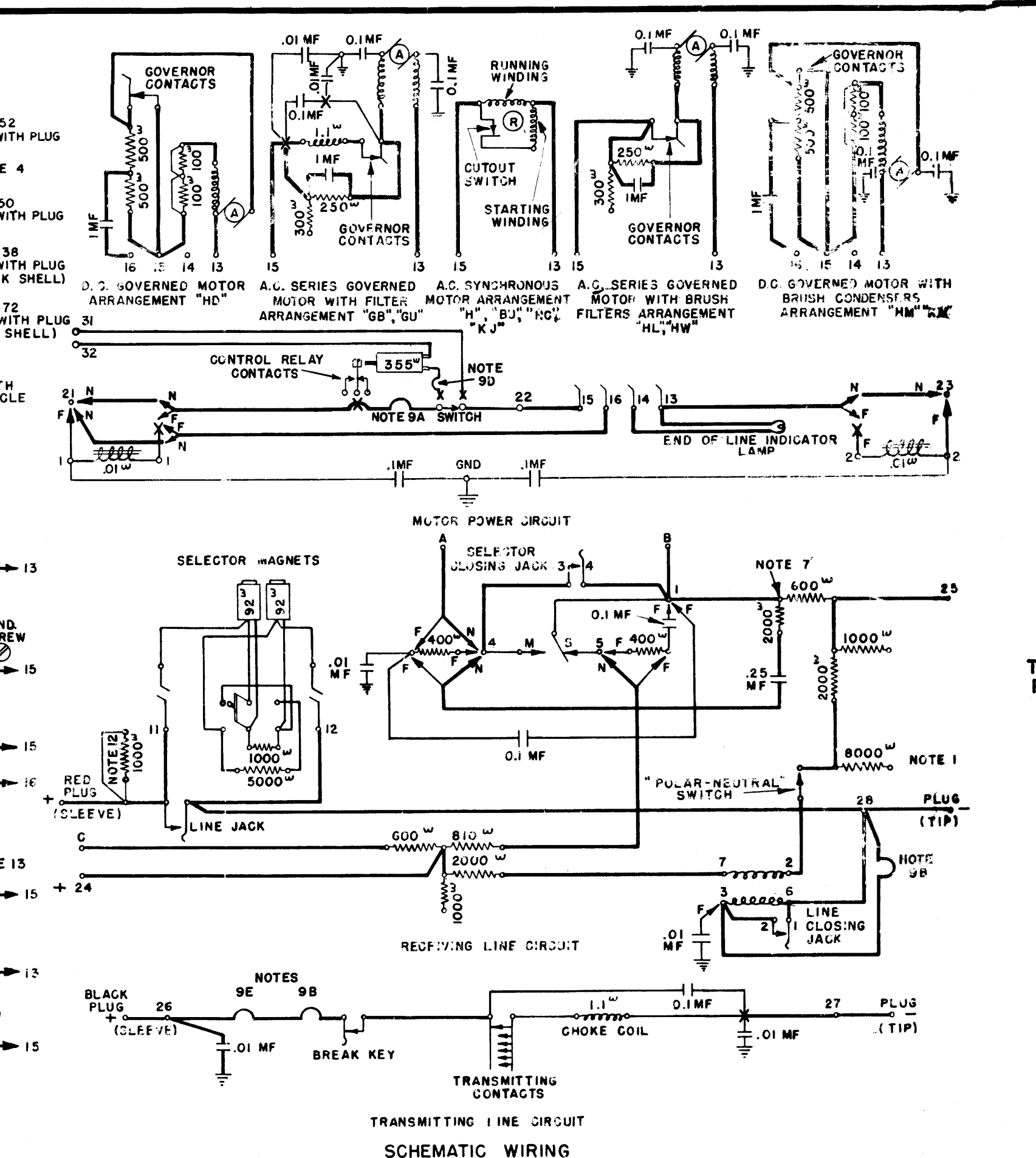
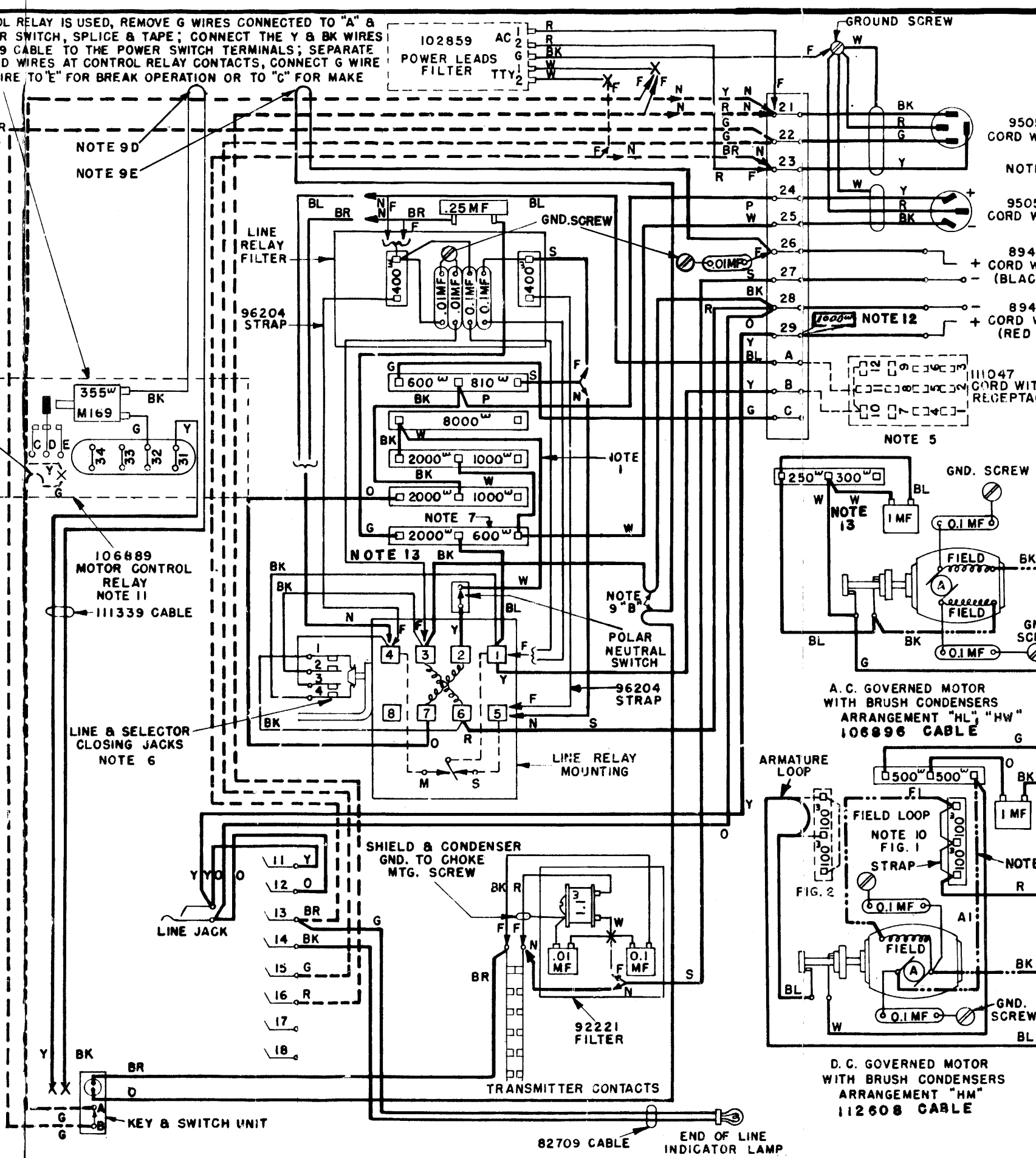
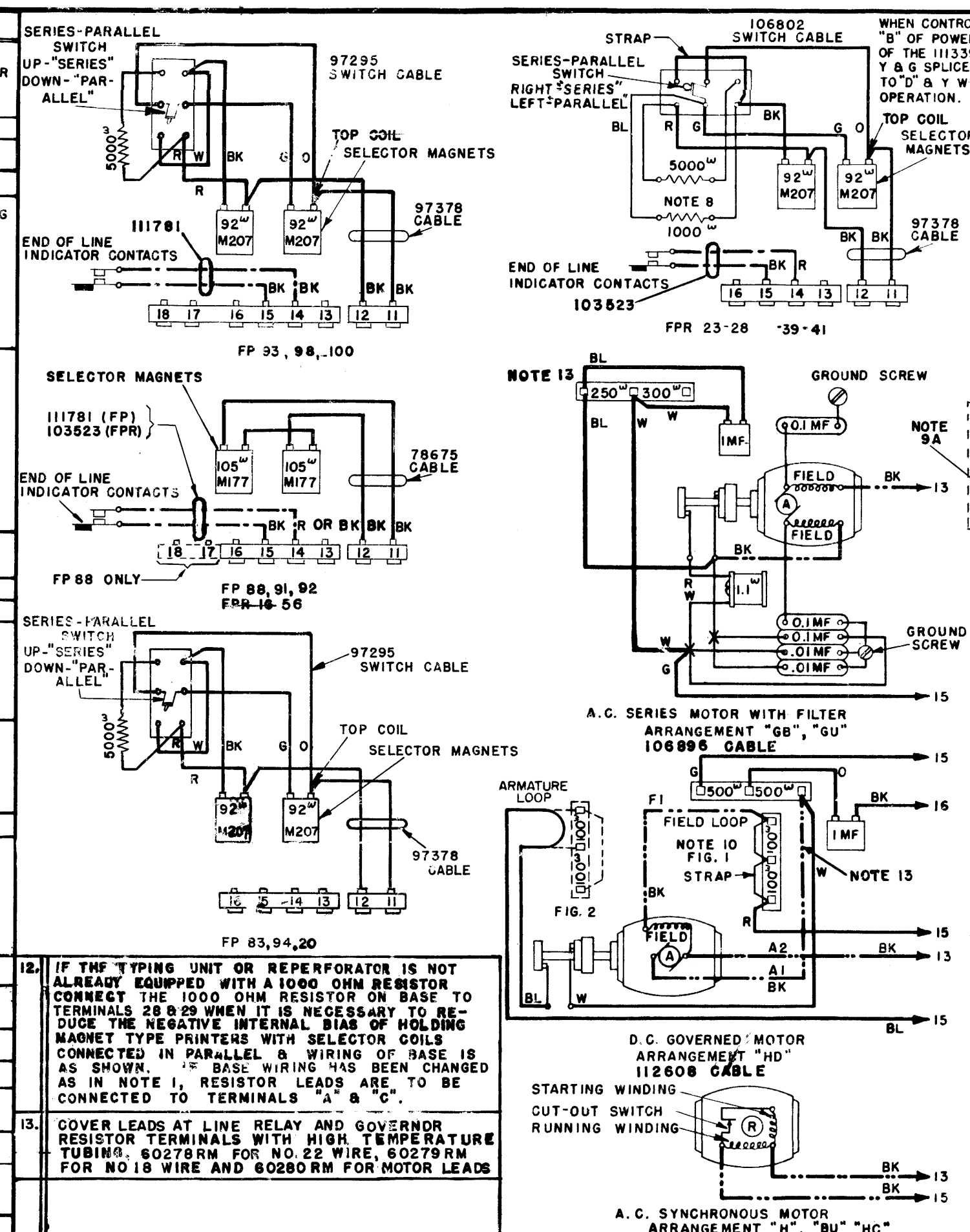


NO.	NOTES		
	BASE WIRING AS SHOWN IS FOR DIRECT SELECTOR MAGNET OPERATION WITHOUT LINE RELAY OR LINE RELAY FILTER. WIRING CHANGES REQUIRED FOR OPERATION WITH LINE RELAY AND OTHER CONDITIONS ARE SHOWN IN THE FOLLOWING TABLE. SUFFICIENT RESISTANCE MUST BE PROVIDED IN THE LINE CIRCUIT TO REDUCE THE LINE CURRENT TO THE PROPER VALUE.		
WIRING REQUIREMENTS			
LINE CURRENT	TYPING UNITS	BASE	
.060 AMP.	WIRING AS SHOWN.	WITHOUT LINE RELAY IN CIRCUIT, WIRING AS SHOWN.	
		WITH LINE RELAY & LINE RELAY FILTER IN CIRCUIT, WIRING AS SHOWN EXCEPT: REMOVE YELLOW WIRE FROM TERMINAL 29 & CONNECT TO TERMINAL "C". REMOVE BLACK WIRE FROM TERMINAL 28 & CONNECT TO TERMINAL 29. REMOVE ORANGE WIRE FROM TERMINAL 28 & CONNECT TO TERMINAL "A".	
.020 AMP.	WIRING AS SHOWN.	WITHOUT LINE RELAY IN CIRCUIT, WIRING AS SHOWN.	
		WITH LINE RELAY & LINE RELAY FILTER IN CIRCUIT, WIRING AS SHOWN EXCEPT: REMOVE WHITE WIRE ON 8000 Ω RESISTOR FROM END SHOWN & CONNECT TO OPPOSITE END. REMOVE YELLOW WIRE FROM TERMINAL 29 & CONNECT TO TERMINAL "C". REMOVE BLACK WIRE FROM TERMINAL 28 & CONNECT TO TERMINAL 29. REMOVE ORANGE WIRE FROM TERMINAL 28 & CONNECT TO TERMINAL "A".	
CANNOT BE USED.	SW. "SERIES" POSITION.	WITHOUT LINE RELAY IN CIRCUIT, WIRE AS SHOWN.	
WIRE COLOR CODE & SYMBOLS			
SYMBOL	SOLID COLOR OR TRACER IN WHITE WIRE	CODE	SOLID COLOR OR TRACER IN WHITE WIRE
Y	YELLOW	O	ORANGE
G	GREEN	S	SLATE
BR	BROWN	R	RED
W	PURPLE (RED & BLUE TRACERS)	BK	BLACK
	WHITE	BL	BLUE
X	INDICATES WIRE TAPED OR SPLICED AND TAPED.		
F	INDICATES WIRING TO BE USED WHEN RADIO INTERFERENCE SUPPRESSION FILTERS ARE SUPPLIED.		
N	INDICATES WIRING TO BE USED WHEN RADIO INTERFERENCE SUPPRESSION FILTERS ARE NOT SUPPLIED.		
ASSOCIATED CABLES			
----	111336 BASE (LINE) PRINTER (LINE)		
----	111338 BASE (POWER) MOTOR LEADS		
----	103523 PRINTER (END OF LINE INDICATOR CONTACTS) PRINTER (SELECTOR SWITCH)		
----	FILTER WIRING & TYPING UNIT RESISTOR LEADS		
4.	PLUGS AND RECEPTACLES SHOWN AS VIEWED FROM PRONG OR SLOT END.		
5.	111047 CORD WITH RECEPTACLE NOT PART OF BASE, FURNISHED ONLY WHEN REQUIRED AND ORDERED SEPARATELY.		
6.	LINE AND SELECTOR CIRCUIT CLOSING JACKS CLOSE WHEN RELAY IS REMOVED.		
7.	WHEN FILTER IS NOT SUPPLIED, THIS RESISTOR IS 2000 Ω -1000 Ω INSTEAD OF 2000 Ω -600 Ω		
8.	USE RM6009 TUBING ON SWITCH RESISTOR LEADS. UNNUMBERED STRAPS ARE RM39522 WIRE AND RM6009 TUBING.		
9.	"A" = UPPER CASE H LOOP. "B" = LINE TEST KEY LOOPS. "C" = CONTROL RELAY RESISTANCE LOOP. "E" = LINE RESISTANCE LOOP.		
10.	IF MOTOR FAILS TO REACH DESIRED SPEED WITH GOVERNOR ADJUSTED, INSERT 50 Ω 100 Ω OR 200 Ω IN FIELD LOOP. IF VOLTAGE IS EXCESSIVE, INSERT 50 Ω IN ARMATURE CIRCUIT BY SUBSTITUTING ARMATURE LOOP FOR FIELD LOOP. FIG. 1 & FIG. 2		
11.	CONTROL RELAY SWITCH AND CONTACTS NOT WIRED IN CIRCUIT ON FK110, 114, 119, 122, 217.		



REVISIONS:

(A)	9-25-45	38933
(B)	10-5-45	38971
(C)	10-19-45	39038
(D)	11-28-45	39287
(E)	12-28-45	39447
(F)	1-7-46	39468
(G)	3-29-46	39941
(H)	5-29-46	40274
(J)	6-14-46	40394
(K)	10-16-46	40985
(L)	10-24-46	41044
(M)	12-30-46	41440
(N)	1-13-47	41496
(O)	7-3-47	42526
(P)	8-22-47	42697
(Q)	9-15-47	42749
(R)	9-30-47	42922
(S)	2-27-48	43969
(T)	9-22-48	45510
(U)	8-26-49	48071
(V)	10-31-49	48447
(W)	2-8-50	49012
(X)	7-12-50	49822
(Y)	7-14-50	49870
(Z)	11-25-50	50410
(AA)	12-15-50	50470
(AB)	12-26-50	50607
(AC)	4-9-51	51276

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6-15-45

WIRING DIAGRAM
MODEL 14
SENDING - RECEIVING
PTR. & TYPING PERFORM.
FK110, 114, 119, 122, 217
FPR 16, 23, 28, 39, 41, 20, 56
MOTOR ARR. H, HD, HM, HL, GB,
GU, BU, HC, HW, KJ, KM

DRAWN BY: H.T.C. APPROVED:
ENG'R D. E.H. R.C.

FILE: 1-49.7.14A

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