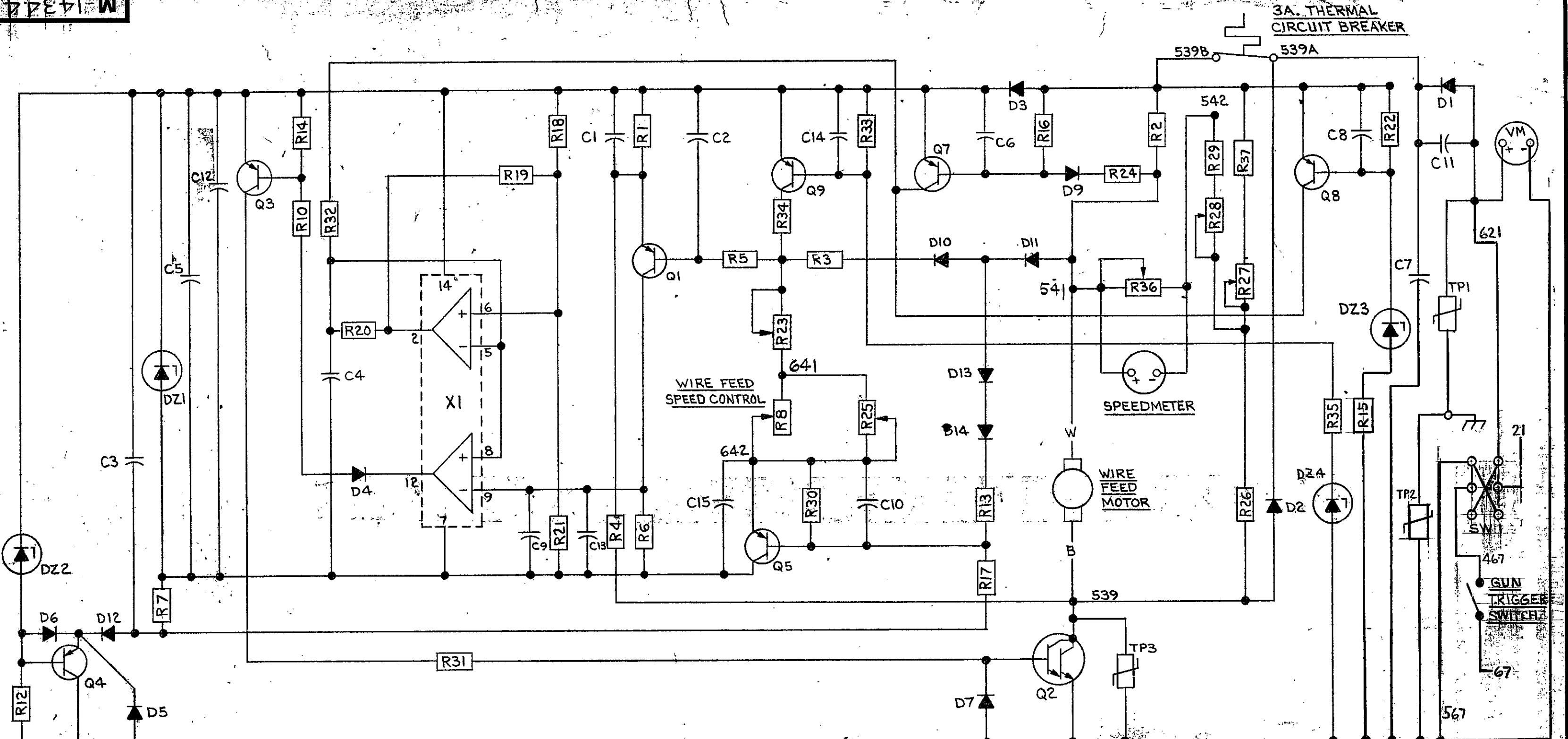


AUSTRALIA - 87 CANADA - 87 FRANCE - 82 ARMO



LEGEND

C1, C3	10/25	DZ1	10 VOLT	R17	27K	R31	75, 25 WATT
C2	4.7/35	DZ2	18 VOLT	R18, R21	150K	R35	6.8K, 1WATT
C4	.047/100	DZ3	75 VOLT	R20	4.7K	R37	75
C5	100/16	DZ4	43 VOLT	R22	1K	Q1, Q5	2N 4125
C6	.1/100	R1	1K	R23	5K TRIMMER	Q2	MJ 10004
C7	50/250	R2	.4, 12 WATT	R24	68	Q3, Q4	2N 6211
C8	1.8/20	R3	2.2K	R25	50K TRIMMER	Q7, Q8, Q9	2N 5815
C9	1/35	R4	5.6K	R26	390, 5 WATT	TP1, TP2	150.V.
C10, C12, C13, C15	.02-.022/25	R5, R6, R13, R34	10K	R27	100 TRIMMER	TP3	130.V.
C11	.02/600	R7	120, 2WATT	R28	500 TRIMMER	XI	DUAL OPAMP
C14	20/50	R10	200	R29	100		
D1, D2	16AMP	R12	3.3K, 4WATT				
D3 THRU D7	1AMP	R14, R19, R30, R33	68K				
D9 THRU D14	1AMP	R15	6.8K				
		R16, R32	680				

NOT ON P.C. BOARD

R8	10K, 2 WATT
R36	100 TRIMMER
SPEEDMETER	
VOLTMETER	
WIRE FEED MOTOR	
SW1	POLARITY SWITCH

LEAD COLOR CODE

B = BLACK
W = WHITE
CAPACITORS = MFD / VOLTS
RESISTORS = OHMS
ANSI ELECTRICAL SYMBOLS PER E-1537

NOTE:

SINCE COMPONENTS OR CIRCUITRY ON A PRINTED CIRCUIT BOARD MAY CHANGE WITHOUT AFFECTING THE INTERCHANGEABILITY OF A COMPLETE BOARD, THIS DIAGRAM MAY NOT SHOW THE EXACT COMPONENTS OR CIRCUITRY OF CONTROLS HAVING A COMMON CODE NUMBER.

UNLESS OTHERWISE SPECIFIED, TOLERANCE ON HOLE SIZES PER E-2056 ON 2 PLACE DECIMALS IS ±.02 ON 3 PLACE DECIMALS IS ±.002 ON ALL ANGLES IS ±5 OF A DEGREE MATERIAL TOLERANCE (M) TO AGREE WITH PUBLISHED STANDARDS

CR. DES. NO.	
REV.	1-27-84K

THE LINCOLN ELECTRIC CO. EQUIP. TYPE LN-22
 CLEVELAND, OHIO U.S.A. SUBJECT OPERATING SCHEMATIC
 SCALE DATE 2-22-81 CHK. DEC SUP. SDG. M-14257 SH. NO. M-14344