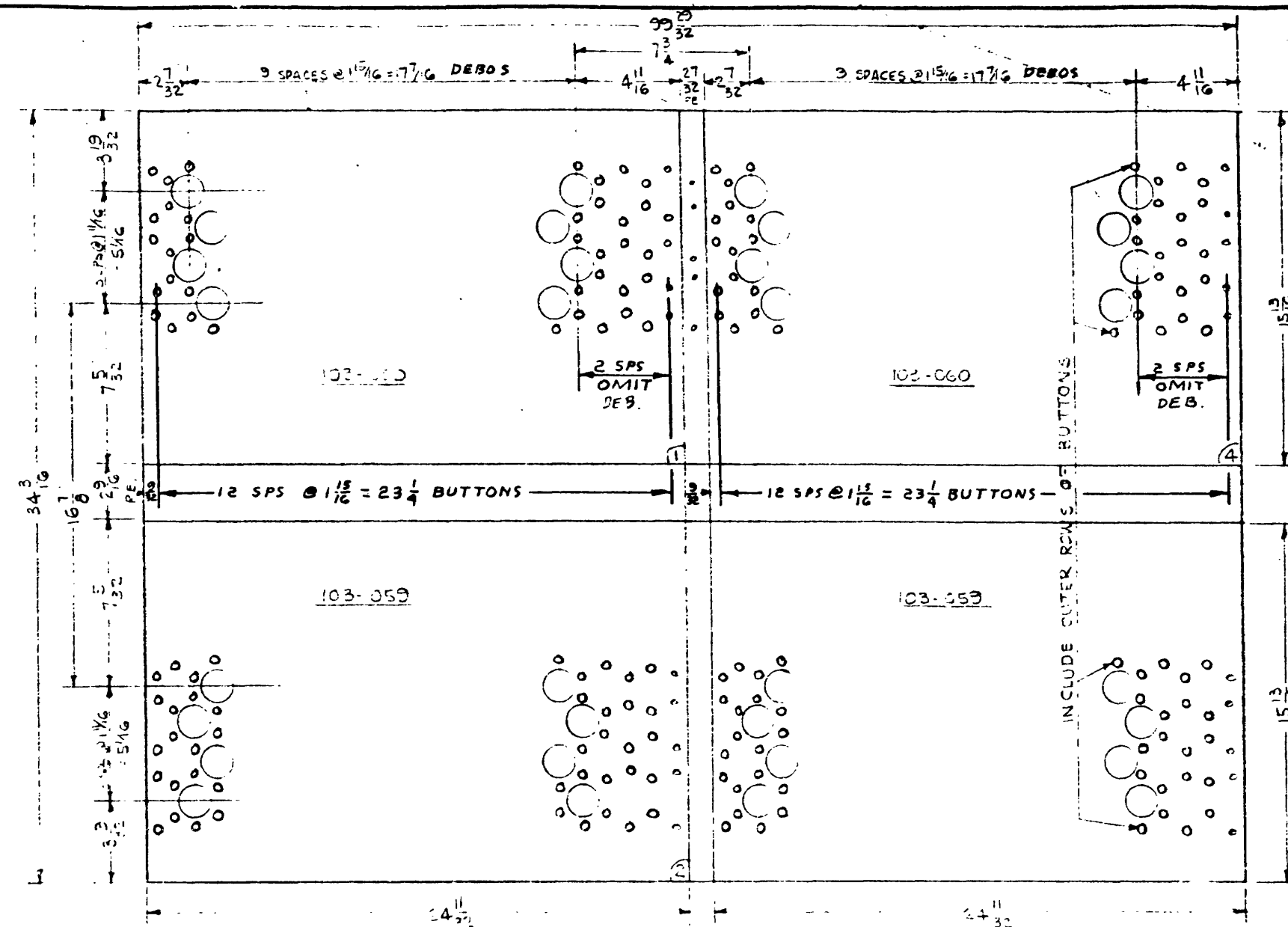
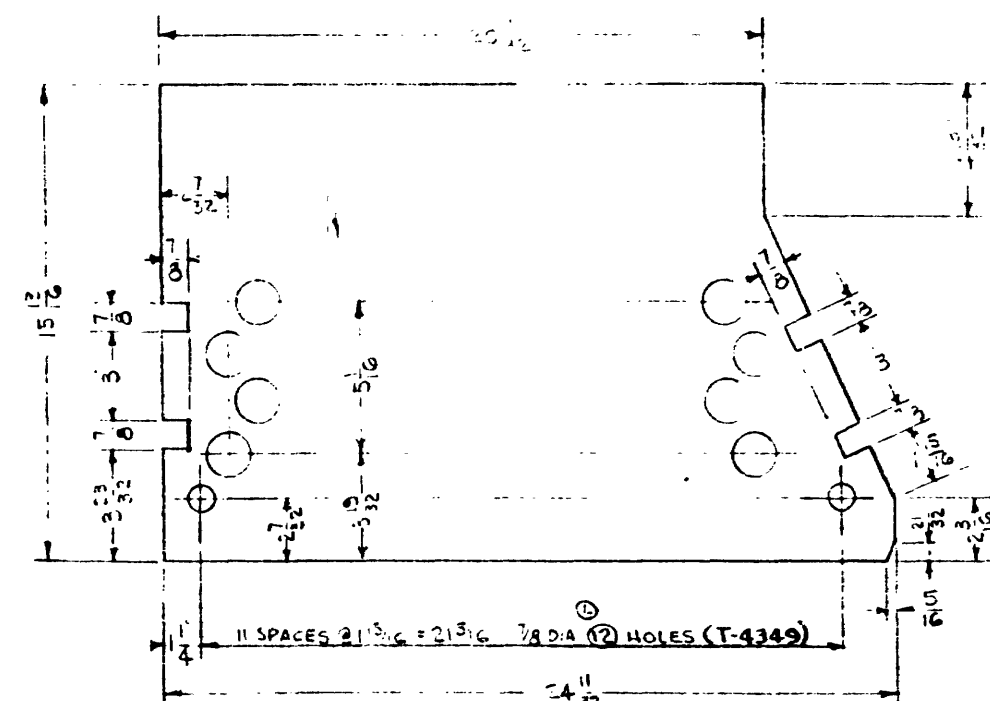


TREAD ASSEMBLY
 103-059 AS SHOWN EMD 8303097 PAINT- BUFF PRIMER
 103-060 REVERSE EMD 8303098 MORTON SPEC. J-107
 (2) AS SHOWN (2) REVERSE PER LOCOMOTIVE



OPEN GRIP LAYOUT 34 3/16 x 15 1/8 CUTS (+) 83-059 (+) 103-060



BLANK LAYOUT
 103-059 AS SHOWN
 103-060 REVERSE

APERTURE CARD ONLY

NAME TREAD-STEP OPEN GRIP	REV. C 90575	REVISIONS REV. J REV. K REV. L	DATE 5-11-78
MORTON MFG CO PT. NO. D103-059		8303097	
PART USED GP-22		ELECTRO-MOTIVE DIV. GENERAL MOTORS CORP. LA GRANGE, ILLINOIS-60138	

BILL OF MATERIAL			
SHOP ORDER	CUST ORDER NO	DATE	
QTY	PART NO	EMD NO	
	D103-059	8303097-B	
	D103-060	8303098-B	

NO	DETAIL	NAME	MATERIAL	BLANK	CUTS	PER UNIT	TOTAL
1	D103-059	TREAD	13GA HRD Q	34 3/16 x 20 1/32	4	1	4
2	D103-060	BOLT RET.	13GA HR STL	3 3/32 x 8 3/4	4	1	4
3	8700700	"	"	3 3/32 x 8 3/4	1	1	1

DIMENSION TOLERANCES TO BE
 * FOR FRACTIONAL DIMENSIONS
 * FOR DECIMAL DIMENSIONS
 * UNLESS OTHERWISE NOTED

L	7/8 DIA. HOLES WERE BURRED HOLES	10-3-77	L.R.E.
K	BUTTONS ADDED WITHIN 1/2" OF EDGE	9-8-75	GP
J	DIMENSIONS ADDED	2-15-74	GP
H	TOLERANCE ADDED	7-6-73	GP
G	DRG WAS 103-059-060-02 SHEETS REDRAWN	2-17-69	L.R.E.
F			
E			
D			
C			
B			
A			

MORTON MANUFACTURING COMPANY
 CHICAGO-ILLINOIS

TITLE: OPEN GRIP STEP TREAD
 ELECTRO-MOTIVE DIVISION

DRAWN: J MARK
 DATE: 2-14-60
 SUPERSEDES D103-059 & 060
 SHEET 1 KEY F SUBSET 2 REV J
 SUPERSEDED BY
 APPROVED
 MODEL
 DRAWING NO. D103-059