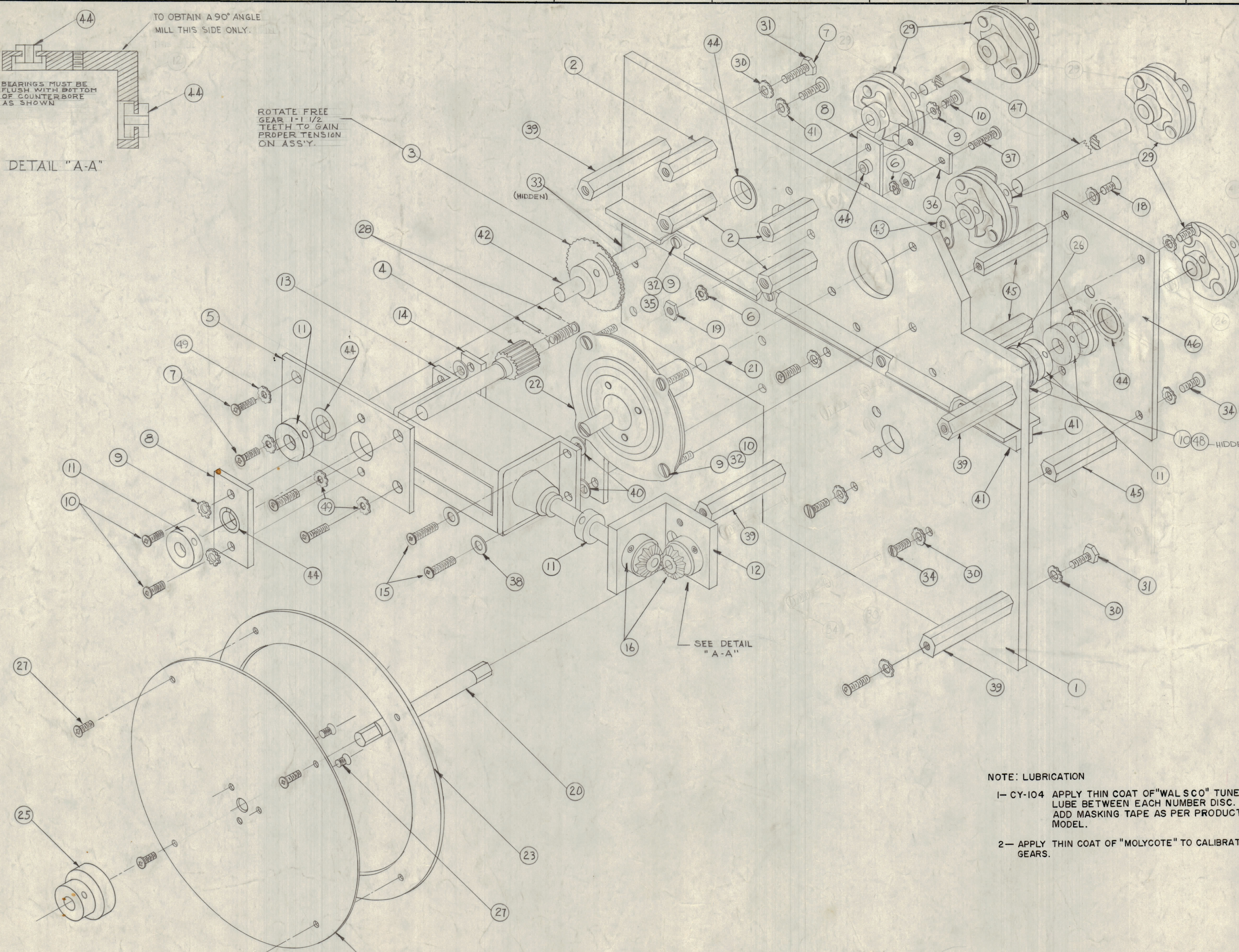


ROTATE FREE GEAR 1-1/2 TEETH TO GAIN PROPER TENSION ON ASSY.

NOTE: ITEM 40 IS USED AS A SHIM. THE QUAN.REQ. WILL VARY DUE TO TOLERANCES ON THE METAL WORK.



8	49	LWS08MRN	LOCKWASHER, SPLIT
2	48	LWS06MRN	LOCKWASHER, SPLIT
2	47	PM-691RF3.250E	SHAFT, OVEN EXTENSION
1	46	MS-595	MOUNT, REAR
4	45	TE0832AE11H	SPACER, THREADED
7	44	BB-117-6	BEARING, NYLON
2	43	TE-104-2	TERMINAL, LOCKING
1	42	PM-691RF1.812A	SHAFT
2	41	PM-413	BRACE, MAIN GEAR PLATE
*	40	WA-108	WASHER, SHIM
4	39	TE-1032AE67H	SPACER, FRONT PANEL
12	38	WA-109-36	WASHER, FIBER
1	37	SCRPO832SN13	SCREW, MACHINE
1	36	PM-317	STOP, CALIBRATE CONTROL
4	35	SCBP0632BN9	SCREW, MACHINE
4	34	SCBP0832BN8	SCREW, MACHINE
4	33	SM-127-D-632	NUT, LOCK
8	32	NTH0632BN8	NUT, HEX
4	31	SCHH1032SN8	SCREW, MACHINE, HEX HEAD
8	30	LWS10MRN	LOCKWASHER, EXTERNAL
5	29	MC-104-2	COUPLING, FLEXIBLE
2	28	PN-109-5	PIN, ROLL
7	27	SCFP0632BN4	SCREW, MACHINE
2	26	BB-106-1	BEARING, THRUST
1	25	PM-308	BUSHING, DIAL
1	24	LD-193/MS548	PLATE, DIAL
1	23	PM-305	COUNTER BALANCE
1	22	PM-207	DRIVE, VERNIER (MODIFIED)
1	21	PM-691RF0.750A	SHAFT, VERNIER DRIVE
1	20	PM-691FD6.000S	SHAFT, DIAL
2	19	NTH0832BN8	NUT, HEX
3	18	SCFP0832BN8	SCREW, MACHINE
1	17	PM-691RF1.250E	SHAFT, DIAL EXTENSION
2	16	A-939	GEAR, MITRE ASSEMBLY
4	15	SCBP0632BN12	SCREW, MACHINE
2	14	MS-549	SPACER, COUNTER
1	13	CY-104	COUNTER
1	12	PM-301	BRACKET, GEAR HOUSING
5	11	PM-316	COLLAR, CALIBRATE CONTROL
1	10	SCBP0632BN6	SCREW, MACHINE
9	9	LWE06MRN	LOCKWASHER, EXTERNAL
2	8	MS-539	FLOAT
8	7	SCBP0832BN6	SCREW, MACHINE
9	6	LWE08MRN	LOCKWASHER, EXTERNAL
1	5	MS-542	CAL. GEAR PLATE SUB ASSEMBLY
1	4	A-830	CAL. SHAFT SUB ASSEMBLY
1	3	GR-127	GEAR
4	2	TE-0832AE65H	SPACER, CALIBRATE GEAR
1	1	MS-594	PLATE, MAIN GEAR

NOTE: LUBRICATION
 1- CY-104 APPLY THIN COAT OF "WALSCO" TUNER LUBE BETWEEN EACH NUMBER DISC. ADD MASKING TAPE AS PER PRODUCTION MODEL.
 2- APPLY THIN COAT OF "MOLYCOTE" TO CALIBRATE GEARS.

NOTICE TO PERSONS RECEIVING THIS DRAWING

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 MAMARONECK, NEW YORK

F	MS 548 ADDED TO ITEM 24	2.9.67	1811	W40	QY 27		
E	QTY OF IT. 11 WAS 2. IT. 26 WAS PM21-RTY1	8-9-66	16725	RAC	Y19		
D	ADDED 3 T. 11 & CALIBRATED BRACE TO MAIN HOUSING						
D	ITEM 45 WAS PM193, SPACER	6.17.64	11577	A.M.			
C	CHG. AS PER EMN 10843	2-5-64	10843	A.M.	TR		
B	ITEMS (6)MS-549 (2)9 WAS PM-455 (4) WAS PM-316-1	6-3-63					
A	ITEM (7) WAS LWE06MRN ITEM (21) WAS PM-459-1-00E	4-28-62					
SYM	ZONE	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
UNLESS OTHERWISE SPECIFIED:		SCALE DO NOT SCALE					
DIMENSIONS ARE IN INCHES		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS & SHARP EDGES					
TOLERANCES ON FRACTIONS ± 1/64		DECIMALS ± .005		ANGLES ± 1/2°			

1	VOX 2,3,5				3-3-62
REQ. PER UNIT	MODEL	SECTION	ASS'Y. NO.	DATE	
USED ON					

REG. ITEM	PART NO.	DESCRIPTION	SYMBOL
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
MAIN GEAR PLATE ASSY.			
MATERIAL			
DRAWN			
CHECKED			
FINAL APPROVAL			
TYPE & TEMPER			
HEAT TREAT. SPEC.			
FINISH & SPEC. NO.			
ELEC. DES. APP.			
MECH. DES. APP.			
SHEET OF			
DEFIANCE NO. 1539			

A-2321