



PARTS MANUAL

MODEL: ML

SERIAL NO: 3801 to 5418353

BAND SAWING MACHINE

MACHINE SPECIFICATIONS

MODEL **SERIAL NO.**

VOLTAGE **CYCLE** **PHASE**

For your information and future reference, insert pertinent data concerning your machine in the spaces provided above. This information is stamped on the data plate attached to the machine frame.

Always specify model and serial numbers on all parts orders and correspondence concerning your machine. This will help avoid unnecessary delays and inconvenience during processing.

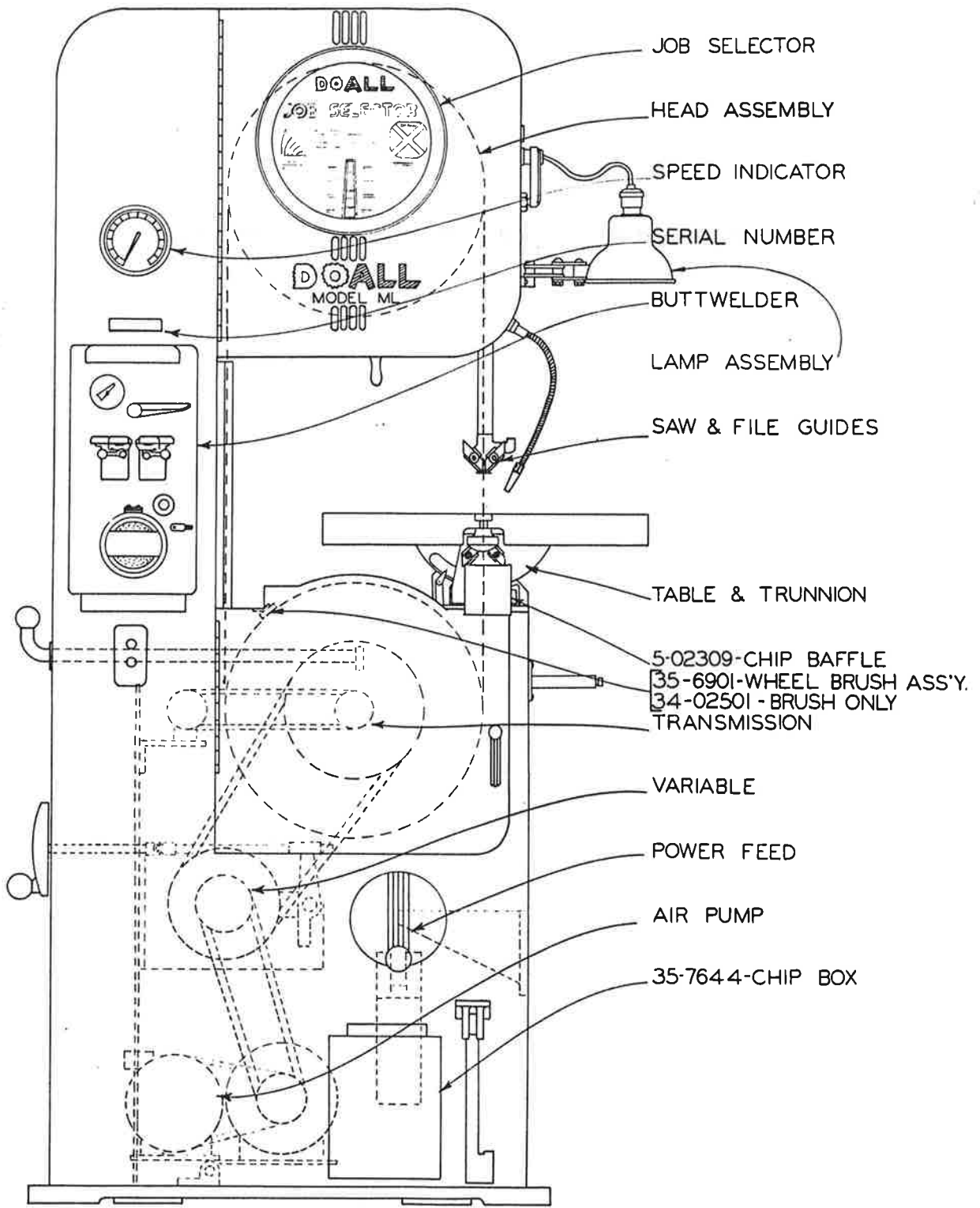
The specifications contained herein were in effect at the time this manual was approved for printing. The DoALL Company, whose policy is one of continuous product improvement, reserves the right, however, to change specifications or design at any time without notice and without incurring obligations.

YOUR SERVICE REPRESENTATIVE:

INDEX A-1

FICHE NO. A-1 CLASS Contour MODEL ML SERIAL NO. 3801 TO 5418353

PAGE NO.	DESCRIPTION	FIRST SERIAL	LAST SERIAL	FRAME NO.		FICHE NO.
				DWG.	P.LIST	
C-1-1	Final Assembly	ALL		A-2	A-2	
C-8-52	Air Pump	ALL		A-3&4	A-3&4	
C-7-25	Band Filer	ALL		A-5&6	A-5&6	
C-7-25	Band Polisher	ALL		A-5&6	A-5&6	
H1-19.0	Blade Shear	See Buttweider		F-9	F-10	H-2
C-1-1	Chip Brush	ALL		A-2	A-2	
C-10-21	Coolant	ALL		A-7	A-7	
C-10-7	Cutoff Attach. #1 All Purpose	ALL		A-9	A-10	
C-10-8	Cutoff Attach. #2 Side Mount	3801	to 3/15/51	A-11&12	A-11&12	
C-10-28	Cutoff Attach. #2 Side Mount	3/15/51	to END	A-13	A-14	
C-10-1	Disc Cutter	3801	to 8/1/1944	B-1&2	B-1&2	
C-10-2	Disc Cutter	8/1/1944	to END	B-3	B-4	
C-8-103	Door Handles & Latches	ALL		B-5	B-5	
C-5-2	Drive	3801	to 4612087	B-7&8	B-7&8	
C-5-3	Drive	4612088	to END	B-9&10	B-9&10	
H1-20.0	Etching Pencil	See Buttweider		F-11	F-12	H-2
C-10-18	Filing Fixture for Small Parts	ALL		B-11	B-11	
C-2-4	Head	3801	to 39699	B-13&14	B-13&14	
C-2-5	Head	39700	to 447769	C-1&2	C-1&2	
C-2-6	Head	447770	to 4913966	C-3&4	C-3&4	
C-2-7	Head	4913967	to END	C-5&6	C-5&6	
C-10-22	Heavy Work Clamps	ALL		C-7&8	C-7&8	
C-10-23	Heavy Work Slides	ALL		C-9	C-10	
C-9-51	Hydraulic Contour Feed	40889	to 436686	C-11	C-11	
C-9-52	Hydraulic Contour Feed	40889	to 436686	C-13&14	C-13&14	
C-9-53	Hydraulic Contour Feed	436687	to END	D-1&2	D-1&2	
C-9-75	Hydraulic Tank	436687	to END	D-3&4	D-3&4	
C-8-104	Job Selector	ALL		D-5	D-6	
C-8-1	Lamp	3801	to 447198	D-7	D-7	
C-8-1A	Lamp	447199	to 5115574	D-8	D-8	
C-8-2	Lamp	5115575	to END	D-9	D-9	
C-10-14	Magnifier	3801	to 7/1/1943	D-11&12	D-11&12	
C-10-15	Magnifier	7/1/1943	to END	D-13	D-14	
C-9-1	Power Feed, Weight Type	3801	to 4813605	E-1&2	E-1&2	
C-9-2	Power Feed, Weight Type	4813606	to END	E-3&4	E-3&4	
C-10-20	Ratchet Feed	ALL		E-5	E-6	
C-10-34	Rip Fence	ALL		E-7&8	E-7&8	
C-7-1	Saw Guides	ALL		E-9	E-9	
C-10-21	Saw Lubricator	ALL		A-7	A-7	
C-10-17	Screw Feed	ALL		E-10	E-10	
C-5-101	Speed Indicator	ALL		E-11&12	E-11&12	
C-3-2	Table & Trunnion, 4 Way Tilt	3801	to 4712768	E-13	E-13	
C-3-3	Table & Trunnion, 4 Way Tilt	4712769	to 5116030	E-14	E-14	
C-3-23	Table & Trunnion, 2 Way Tilt	5115526	to END	F-1	F-1	
C-9-107	Table Supports	ALL		F-3	F-4	
C-4-2	Transmission	3801	to 4712809	F-5&6	F-5&6	
C-4-3	Transmission	4712810	to END	F-7&8	F-7&8	
C-4-41	Transmission	See Note On Drawing		F-9	F-10	
C-5-35	Variable Speed Pulley	ALL		F-11	F-12	
C-4-2	Wheel, Lower	3801	to 4712809	F-5&6	F-5&6	
C-4-41	Wheel, Lower	4712810	to END	F-7&8	F-7&8	
C-2-4	Wheel, Upper	3801	to 39699	B-13&14	B-13&14	
C-2-5	Wheel, Upper	39700	to 447769	C-1&2	C-1&2	
C-2-6	Wheel, Upper	447770	to 4913966	C-3&4	C-3&4	
C-2-7	Wheel, Upper	4913967	to END	C-5&6	C-5&6	
C-10-16	Work Holding Jaws	ALL		F-13	F-14	



MODEL ML

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C-1-1

****PARTS USED BEFORE SERIAL NOS**

V-60 6051126
 V-16 1651823
 ML 5115575
 V-36 36514877
 V-26 26512426
 Z-16 5116338
 Z-36-16 5136119
 Z-60 6006351

4133 ADAPTER WAS 35-7312
 4385 NUT WAS - - 5-11517
 4097 AIR HOSE REPLACES 6-01502
 AND 13-11504
 5-11318 BRACKET WAS 17-11301

***NOTE: BEFORE THE SERIAL NO'S**
 ML 4813270 V16 1648413 V26 26482019
 V36 3648177 V60 6048117 Z16 4816271
 ZS26 4826119 Z36 4855736
 Z36-16 4836067
 REPLACE 35-6736 WITH 5-11101 &
 REPLACE 35-6735 WITH 5-11102 OR
 REPLACE 35-6735 & 35-6736 AT THE
 SAME TIME.

C-8-52 Z-7-51

1-CONNECTOR Z 36 ONLY
 35-1498

4133-ADAPTOR _ _ _ 1
 4385-NUT _ _ _ _ _ 1
 4097-AIR HOSE _ _ _ 1
 FOR SPECIAL WORK THICKNESS MACH.
 35-1223-.24" AIR HOSE.
 35-1224-.30" AIR HOSE.
 35-2310-.36" AIR HOSE.
 USE 5-11406 NOZZLE ON SPEC.W.T.

1-SPRING _ _ _ _ 4658

GIVE BELT LENGTH WHEN
 ORDERING.

GIVE MOTOR SPEED &
 SHAFT DIAMETER WHEN
 ORDERING PULLEY.

1-AIR PUMP BRACKET
 ML, V16, V36, Z36 - 5-11318
 V26 - - - - - 21025
****V60 - - - - - 5-11318**
 Z16, Z36-16 - - 35-2260
 LHV, SFP, HS, HSV, BF 21381

1-RUBBER TUBE
 5-11511-ML, V16, Z16
 11-11504-V36, Z36-16
 13-11505-V26
 17-11501-V60
 35-2807-Z36
 3329-HS, HSV, LHV, SFP, BF

5-11510- BREATHER _ _ _ 1
 35-7312- NIPPLE _ _ _ 1
 17-13521- ELBOW _ _ _ 1
 35-6736- BODY _ _ _ 1
 5-11517- REDUCER _ _ _ 1
 5-11104- ROTOR _ _ _ 1
 5-11319- ROTOR FIN _ _ _ 3
 5-11405-BEARING _ _ _ 1
 35-6735- COVER _ _ _ 1
 5-11316-PULLEY 60 CY. OR
 5-11317-PULLEY 25 & 50 CY. 1

THIS
 ASSEMBLY
 5-11002
 SPECIFY
 CYCLE

MODEL ASSY NO.
 LHV, SFP, HS, HSV, BF- 50642
 ML, V16 5-11005
 V26 35-995
 V36 35-5362
 V36-3 35-5362
 V60 - 35-5363
 Z16 - 35-2712
 Z36-16 35-5364
 Z36 - 35-1722

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MODEL	FIRST MACH	LAST MACH
HSV	26-48101	26-53126
BF	42-52101	42-54286
LHV-SFP	27-51409	27-54185
HS	25-51219	25-54170
ML	413006	5418353
V-16	413008	48298
V-26	2641316	26532923
V-36	3641755	36535628
V-36-3	37-51101	37-53204
V-60	604159	6052142
Z-16	4516051	5316402
Z-36-16	4736051	5336145
Z-36	4405136	5064436

AIR PUMP ASSEMBLY

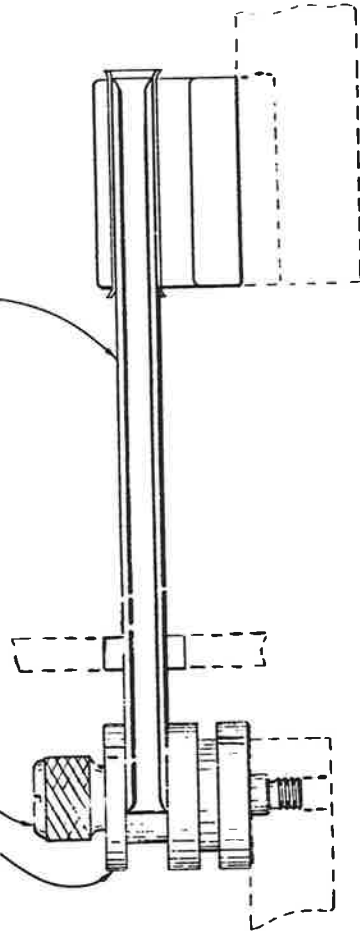
0-7-25 CM-7-24

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FILE GUIDES

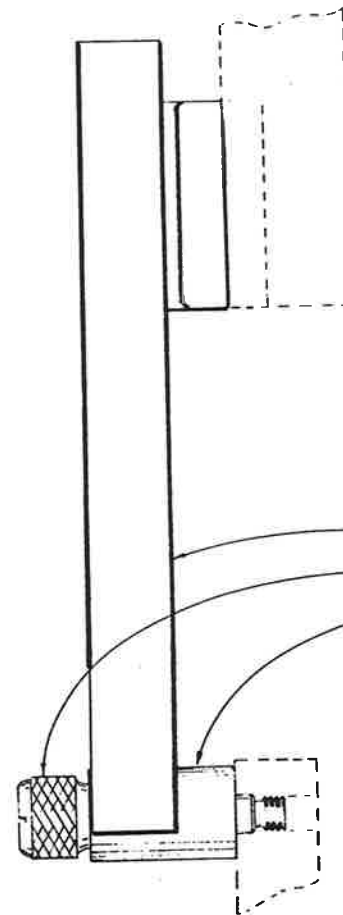
- 1/4 X 6 3/4 FILE GUIDE - - 34-09002
- 3/8 X 8 3/8 FILE GUIDE - - 34-09003
- 1/2 X 8 3/8 FILE GUIDE - - 34-09004
- 1/4 X 12 1/2 FILE GUIDE - - 34-09005
- 3/8 X 12 1/2 FILE GUIDE - - 34-09006
- 1/2 X 12 1/2 FILE GUIDE - - 34-09007

- 1-SCREW - - - - - 34-09001
- 1-BACKUP - - - - - 34-09312



FILE GUIDE ASSEMBLY

FIRST UNIT 4-11-38



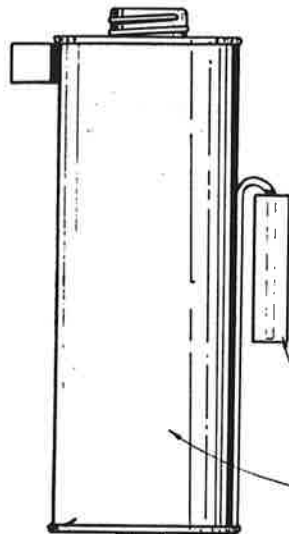
- 6-10001-BACKUP ASSEMBLY - - - 1
- 34-09001-BACKUP SCREW - - - 1
- 34-10402-GUIDE BACKUP - - - 1

NOTE: COMPLETE ASSY. INCLUDES BACKUP ASSY, BACKUP, 3 BANDS AND GRAPHITE GUN

- 115" - - - - - 35-5468
- 175" - - - - - 24439
- 160" - - - - - 35-5469
- 183" - - - - - 24440

BAND POLISHING ASSEMBLY

FIRST UNIT 4-11-38



THIS ATTACHMENT IS RECOMENDED
FOR LOW SPEED MACHINES.
SEE SPRAY LUBRICATOR.

*ON MODEL
5-27403-SLIDE ROD IS.----- 35-1072
5-27301-TUBING IS.----- 35-7114

5-27304-HOLDER-FEMALE ----- 1
35-5033-CAN ASSEMBLY ----- 1

6-23509-UNION ----- 1
35-2139-INSERT ----- 1

5-27512-TUBING-GIVE LENGTH ----- 1

6-23510-ELBOW ----- 1

5-27508-ELBOW ----- 1

5-27507-VALVE ----- 1

34-17401-THUMBSCREW ----- 1

HOLDER ----- 1

5-27102-ML, V16, V26, V36, V36-3, V60,
16-1-16-2, 36-2, 26-2, 60-2

35-1335-Z36

35-7329-HS, HSV, LHV, SFP,

35-4035-Z-16, Z-36-16

5-27508-ELBOW ----- 1

5-27403-SLIDE ROD ----- 1 *

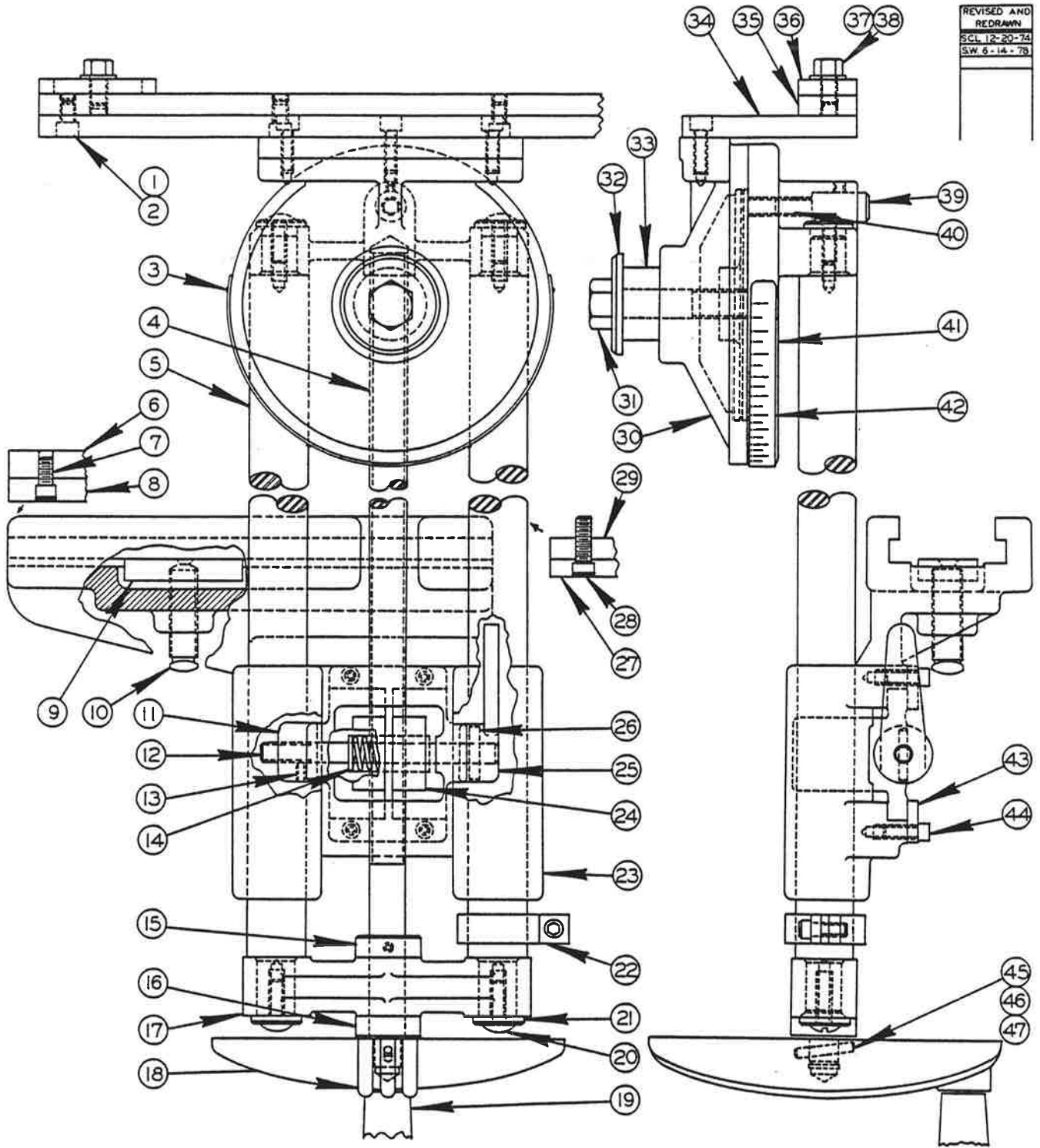
5-27301-TUBING ----- 1 *

** V26 V60, 262, 60-2, 4 0699
ML, V16, V36, V36-3, 16-1, 16-2
36-2 ----- 4 0691
HS, HSV, LHV, SFP, 35-7328

FIRST MACHINE 4-11-1938
LAST MACHINE 12-31-1959

** COOLANT DRIP APPLICATOR

REVISED AND REDRAWN
SCL 12-20-74
S.W. 6-14-78



ALL PURPOSE MITRE ATTACHMENT ASSEMBLY

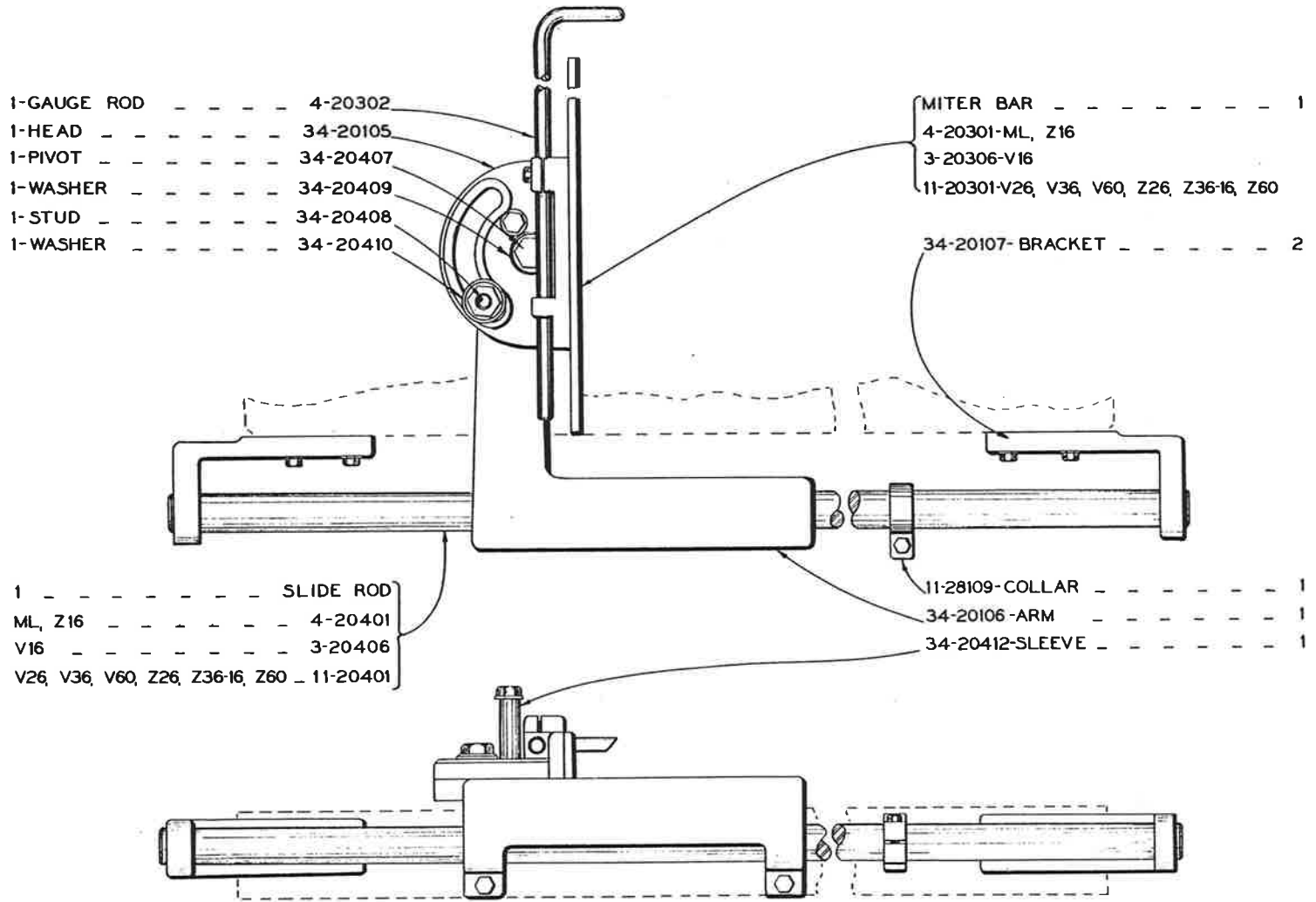
C-10-7 Z-10-4

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No. 1 ALL PURPOSE CUT-OFF, RIPPING AND MITERING ATTACHMENT

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	090-504937	No. 1 All Purpose Cut-off, Ripping & Mitering Attachment(24 x 24 Table)	
Ref.	111-280046	No. 1 All Purpose Cut-off, Ripping & Mitering Attachment(30 x 30 Table)	
Ref.	135-054278	No. 1 All Purpose Cut-off, Ripping & Mitering Attachment(36 x 36 Table)	
1	135-051852	. All Purpose Mitre Attachment Sub-Assembly	1
2	091-982355	. . Screw, Soc. Hd. Cap 1/4-20NC x 3/8	7
3	091-993972	. . Screw, Rd. Hd. Drive #2 x 1/4 P.K.	4
4	111-284162	. . Feed Screw	1
5	111-284154	. . Slide Rod	2
6	106-283013	. L.H. Table Guide Spacer (24" Table)	Use
	111-283032	. L.H. Table Guide Spacer (30" Table)	
	135-047256	. L.H. Table Guide Spacer (36" Table)	One
7	091-982363	. Screw, Soc. Hd. Cap 1/4-20NC x 1/2	2
8	106-283021	. L.H. Table Guide(24" Table)	Use
	111-283024	. L.H. Table Guide(30" Table)	
	135-047264	. L.H. Table Guide(36" Table)	One
9	111-283040	. . Locking Pad	1
10	111-284097	. . Locking Pad Set Screw	1
11	111-281101	. . Split Nut Adjusting Nut	1
12	111-284170	. . Split Nut Adjusting Pin	1
13	091-984104	. . Screw, Soc. Set #10-24NC x 1/4	3
14	111-285086	. . Split Nut Spring	1
15	111-284188	. . Screw Collar	1
16	111-284196	. . Screw Handwheel Collar	1
17	111-291084	. . Slide Rod & Handle Bracket	1
18	134-051036	. . Handwheel	1
19	091-181164	. . Speed Change Handle	1
20	091-990192	. . Screw, Truss Hd. Mach. 1/4-20NC x 3/4	4
21	111-284204	. . Slide Rod Washer	4
22	111-281093	. . Feed Stop Collar	1
23	111-281077	. . Table Slide Casting	1
24	111-281119	. . Split Nut	1
25	111-281127	. . Split Nut Adjusting Handle	1
26	090-042334	. . Roll Pin	1
27	106-283039	. R.H. Table Guide (24" Table)	Use
	111-283081	. R.H. Table Guide (30" Table)	
	135-047280	. R.H. Table Guide (36" Table)	One
28	091-982421	. Screw, Soc. Hd. Cap 1/4-20NC x 1	6
29	106-283047	. R.H. Table Guide Spacer (24" Table)	Use
	111-283073	. R.H. Table Guide Spacer (30" Table)	
	135-047272	. R.H. Table Guide Spacer (36" Table)	One
30	111-281028	. . Mitre Head	1
31	091-980714	. . Screw, Hex. Hd. Cap 1/2-13NC x 2-1/2.....	1
32	111-284055	. . Power Feed Chain Washer	1
33	111-284105	. . Power Feed Chain Collar	1
34	111-283016	. . Mitre Bar Support	1
35	111-283065	. . Mitre Bar	1
36	111-283057	. . Work Stop	1
37	091-992628	. . Washer, 5/16" Std.	1
38	091-980250	. . Screw, Hex. Hd. Cap 5/16-18NC x 1/2	1
39	111-284139	. . Mitre Head Support Pin	1
40	091-984385	. . Screw, Soc. Hd. Set 5/16-18NC x 5/8	1
41	111-281069	. . Mitre Head Base	1
42	111-285052	. . Mitre Head Graduated Plate	1
43	111-283099	. . Split Nut Side Plate	1
44	091-982215	. . Screw, Soc. Hd. Cap #10-24NC x 5/8	5
45	090-042599	. . Roll Pin	1
46	091-164426	. . Screw, Soc. Hd. Shoulder	1
47	091-156323	. . Washer	1
	091-181172	. . Pin (Not Shown)	1

C-10-8 Z-10-5



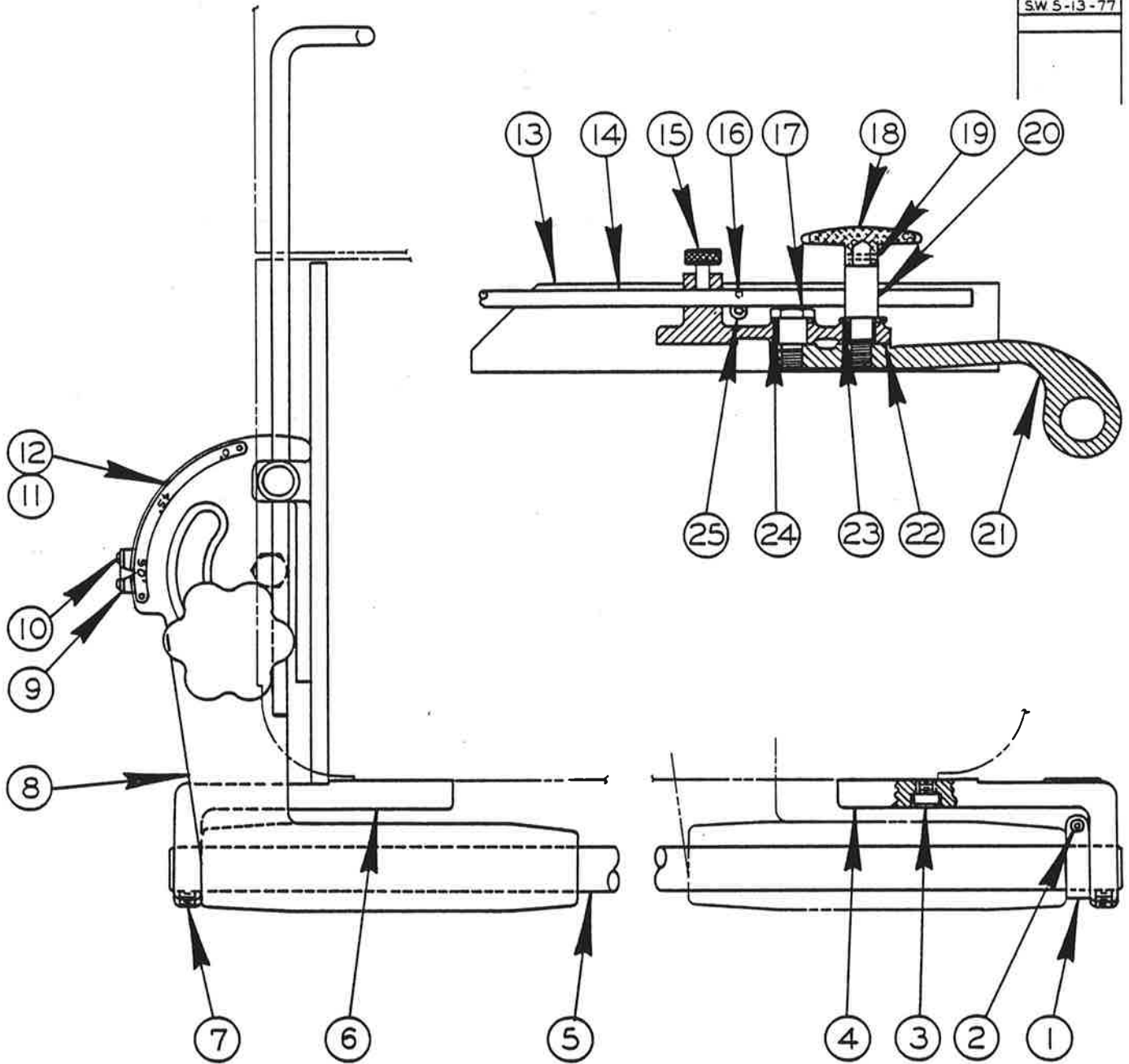
MODEL	ASSY NO
V16 - - - - -	35-5304
ML, Z16 - - - - -	5-20001
V26, V36, V60, Z26, Z36-16, Z60 - - - - -	35-5301

CUT OFF & MITERING ATTACHMENT

FIRST MACHINE 4-11-38
 LAST MACHINE 3-15-51

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SCL 11-28-74
SW 5-13-77



NO. 2
STANDARD CUT-OFF & MITERING ATTACHMENT
(SIDE MOUNT)

NO. 2 STD. CUT-OFF & MITERING ATTACHMENT

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	090-504192	No. 2 Std. Cut-off & Mitering Attachment (20" x 20" Table)	
Ref.	090-552902	No. 2 Std. Cut-off & Mitering Attachment (24" x 24" Table)	
Ref.	090-553058	No. 2 Std. Cut-off & Mitering Attachment (26" x 26" Table)	
Ref.	090-505116	No. 2 Std. Cut-off & Mitering Attachment (30" x 30" Table)	
1	111-281093	. Stop	1
2	091-982207	. Screw, Soc. Hd. Cap, No.10-24NC x 1/2" (20" & 24" Tables)	1
	091-983783	. Screw, Soc. Hd. Cap No.10-24NC x 5/16" (26" Table)	1
	091-984237	. Screw, Soc. Hd. Set, 1/4-20NC x 5/16" (30" Table)	1
3	091-982769	. Screw, Soc. Hd. Cap, 3/8-16NC x 1/2" (20" & 30" Tables)	4
	091-982785	. Screw, Soc. Hd. Cap, 3/8-16NC x 3/4" (24" & 26" Tables)	4
4	090-036823	. Rear Slide Rod Bracket (20" Table)	1
	090-295833	. Rear Slide Rod Bracket (24", 26", & 30" Tables)	1
5	103-204061	. Slide Rod (20" Table)	1
	104-204011	. Slide Rod (24" Table)	1
	091-019356	. Slide Rod (26" Table)	1
	091-019315	. Slide Rod (30" Table)	1
6	090-036815	. Front Slide Rod Bracket (20" Table)	1
	090-295841	. Front Slide Rod Bracket (24", 26", & 30" Table)	1
7	091-984237	. Screw, Soc. Hd. Set 1/4-20NC x 5/16"	2
8	090-507112	. Miter Attachment Sub-Assembly (20" Table)	1
	090-507104	. Miter Attachment Sub-Assembly (24" Table)	1
	090-553041	. Miter Attachment Sub-Assembly (26" Table)	1
	090-507120	. Miter Attachment Sub-Assembly (30" Table)	1
9	090-036765	.. Pointer	1
10	091-990085	.. Screw, Oven Hd. Mach. No.8-32NC x 1/4" (Cad. Pltd.)	2
11	090-036724	.. Degree Plate	1
12	091-993998	.. Screw, Rd. Hd. Drive, Pk. No.4 x 1/4 Type "U"	4
13	103-203063	.. Miter Bar (20" Table)	1
	104-203013	.. Miter Bar (24" Table)	1
	091-029447	.. Miter Bar (26" Table)	1
	111-203014	.. Miter Bar (30" Table)	1
14	104-203021	.. Gauge Rod	1
15	134-174010	.. Thumb Screw	1
16	090-042540	.. Roll Pin	2
17	134-204072	.. Miter Head Pivot	1
18	090-051319	.. Handwheel	1
19	090-042292	.. Roll Pin	1
20	090-036773	.. Stud	1
21	090-405986	.. Slide Arm	1
22	090-209412	.. Miter Head	1
23	134-204106	.. Locking Stud Washer	1
24	134-204098	.. Pivot Washer	1
25	091-982363	.. Screw, Soc. Hd. Cap, 1/4-20NC x 1/2"	2

*NOTE: FOR MODELS V26 & V60
BEFORE SERIAL NO'S. 26431075 &
604394 ORDER V36 PARTS OR
ASSEMBLY.

XNOTE: BEFORE 8-21-41 3 PARTS
MARKED X MUST BE REPLACED AT
THE SAME TIME.

Z-9-1 C-10-1

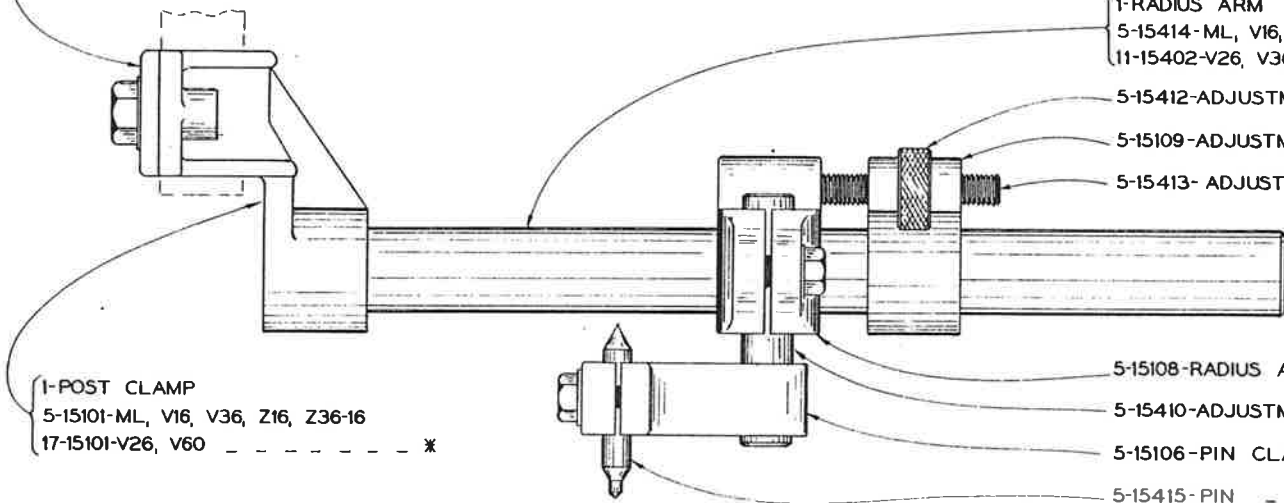
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1-POST CLAMP PLATE
5-15301-ML, V16, V36, Z16, Z36-16
17-15301-V26, V60 - - - - *

1-POST CLAMP
5-15101-ML, V16, V36, Z16, Z36-16
17-15101-V26, V60 - - - - *

1-RADIUS ARM
5-15414-ML, V16, Z16
11-15402-V26, V36, V60, Z36-16
5-15412-ADJUSTMENT WHEEL - - - 1
5-15109-ADJUSTMENT HOUSING - - - 1
5-15413-ADJUSTMENT SCREW - - - 1

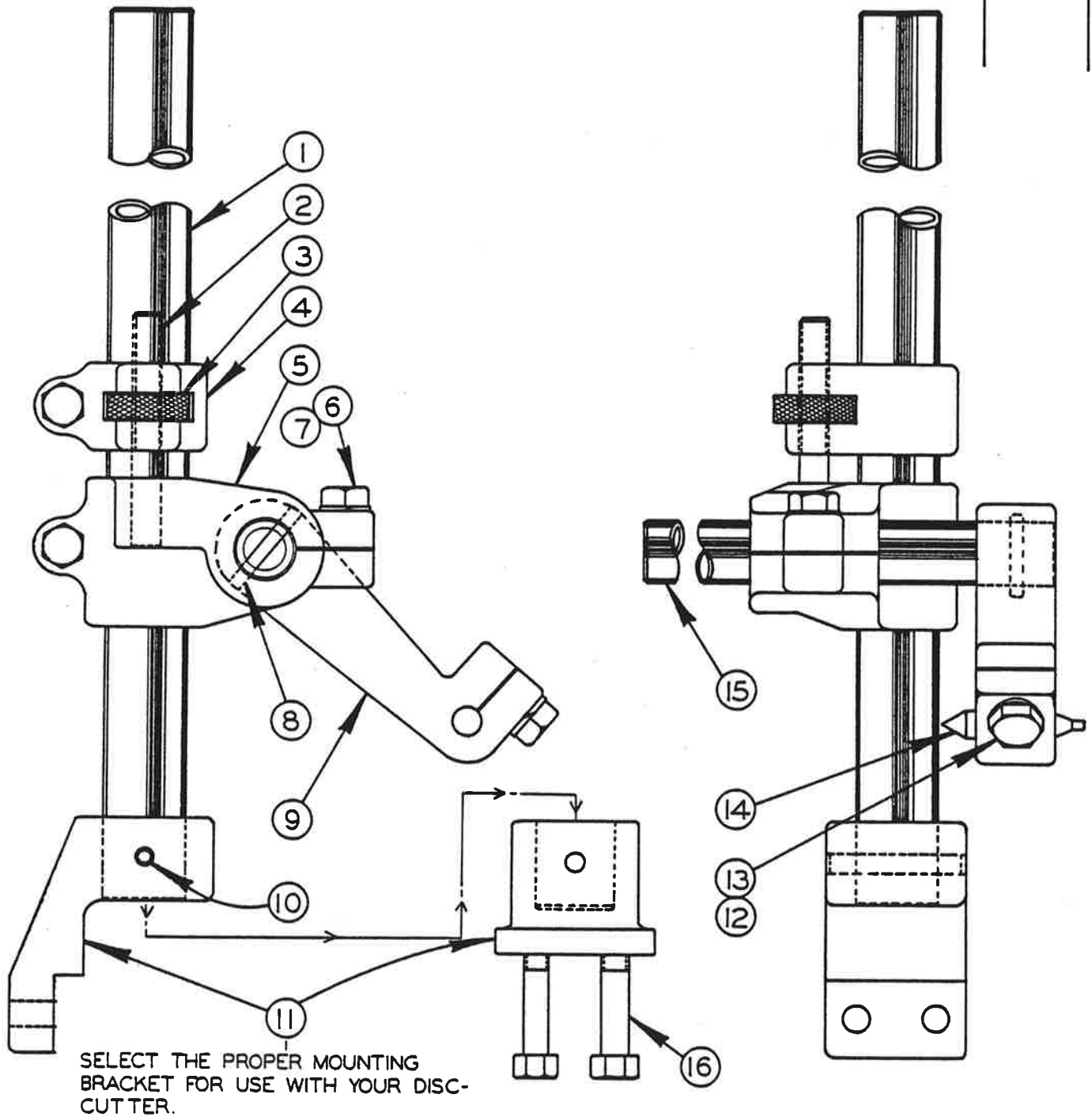
5-15108-RADIUS ARM CLAMP - - - 1X
5-15410-ADJUSTMENT PIN - - - 1X
5-15106-PIN CLAMP - - - 1X
5-15415-PIN - - - - - 1



MODELS ML, V16, Z16 - 5-15006
MODELS V36, Z36-16 - 11-15002
MODELS V26, V60 - - 35-5471 *
DISC CUTTING ASSEMBLY

FIRST UNIT 4-11-38
LAST UNIT 1954

NEW DRG. S.W. 6-22-69
REVISIONS



DISC CUTTER ASSEMBLY

CODE NO. C-10-2

CM-9-1

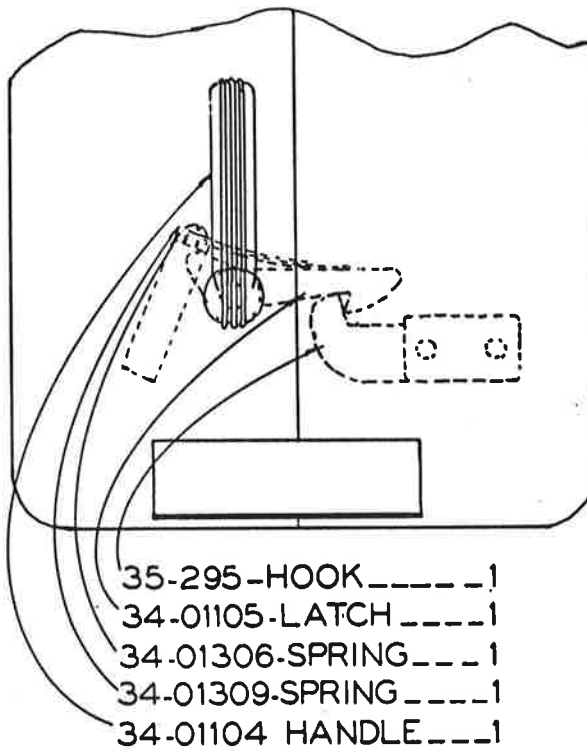
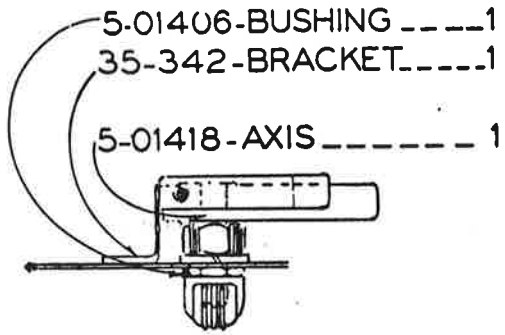
Z-9-4

DISC CUTTER ASSEMBLY

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
REF.	094-020807	Disc Cutter Assembly (Contour & Contour-Matic Machines)	
REF	090-400441	Disc Cutter Assembly (Zephyr, 6013-3, 6013-H3)	
1	135-033991	. Radius Arm	1
2	105-154132	. Adjustment Screw	1
3	105-154124	. Adjustment Wheel	1
4	105-151096	. Adjustment Housing	1
5	135-034007	. Radius Arm Clamp	1
6	091-980466	. Screw, Hex. Hd. Cap 3/8-16NC x 1	3
7	091-993329	. Washer, Lock 3/8 Std.	3
8	090-042615	. Roll Pin	1
9	135-034023	. Center Pin Clamp	1
10	090-042763	. Roll Pin (Used on Ass'y #094-020807)	1
	090-042755	. Roll Pin (Used on Ass'y #090-400441)	1
11	090-390196	. Bracket (Used on Ass'y #094-020807)	1
	090-200452	. Bracket (Used on Ass'y #090-400441)	1
12	091-980292	. Screw, Hex. Hd. Cap 5/16-18NC x 1	3
13	091-993238	. Washer, Lock 5/16 Std.	3
14	105-154157	. Center Pin	1
15	135-034015	. Center Adjustment Tube	1
16	091-980334	. Screw, Hex. Hd. Cap 5/16-18NC x 2(DZ-36 Only) ..	2
	091-980318	. Screw, Hex. Hd. Cap 5/16-18NC x 11/2 (All other Models)	2

Following Items Not Shown:

134-203082	. Wrench	1
091-980284	. Screw, Hex. Hd. Cap 5/16-18NC x 7/8 (Used Only on Ass'y #094-020807	



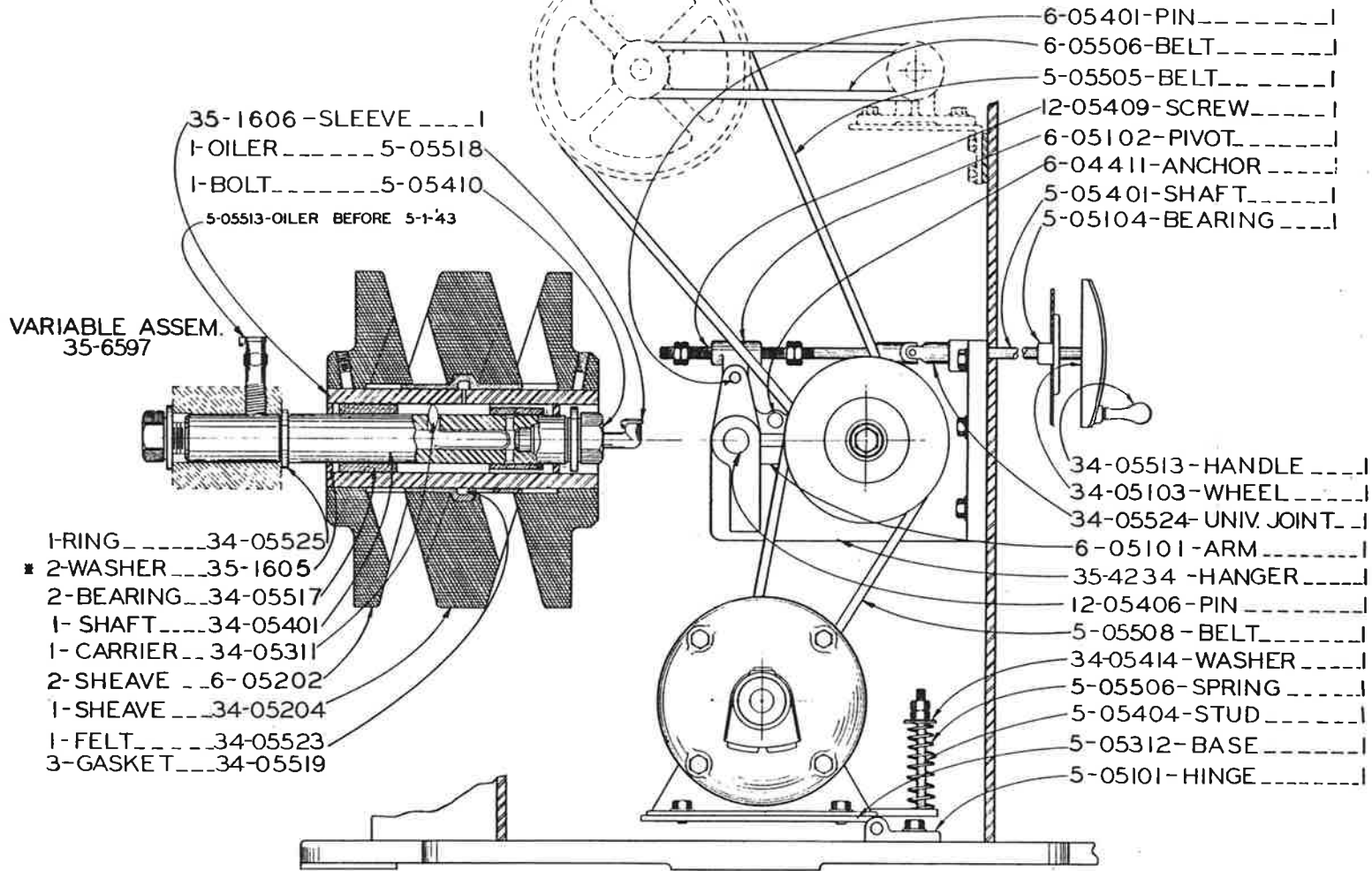
DOOR LATCH ASSEMBLY
 MODEL ML, V16, V26

FIRST UNIT 4-11-38
 LAST UNIT 1-10-55

C-8-103

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NOTE: BEFORE JULY 10, 1945
35-1605-WASHER WAS 34-05305



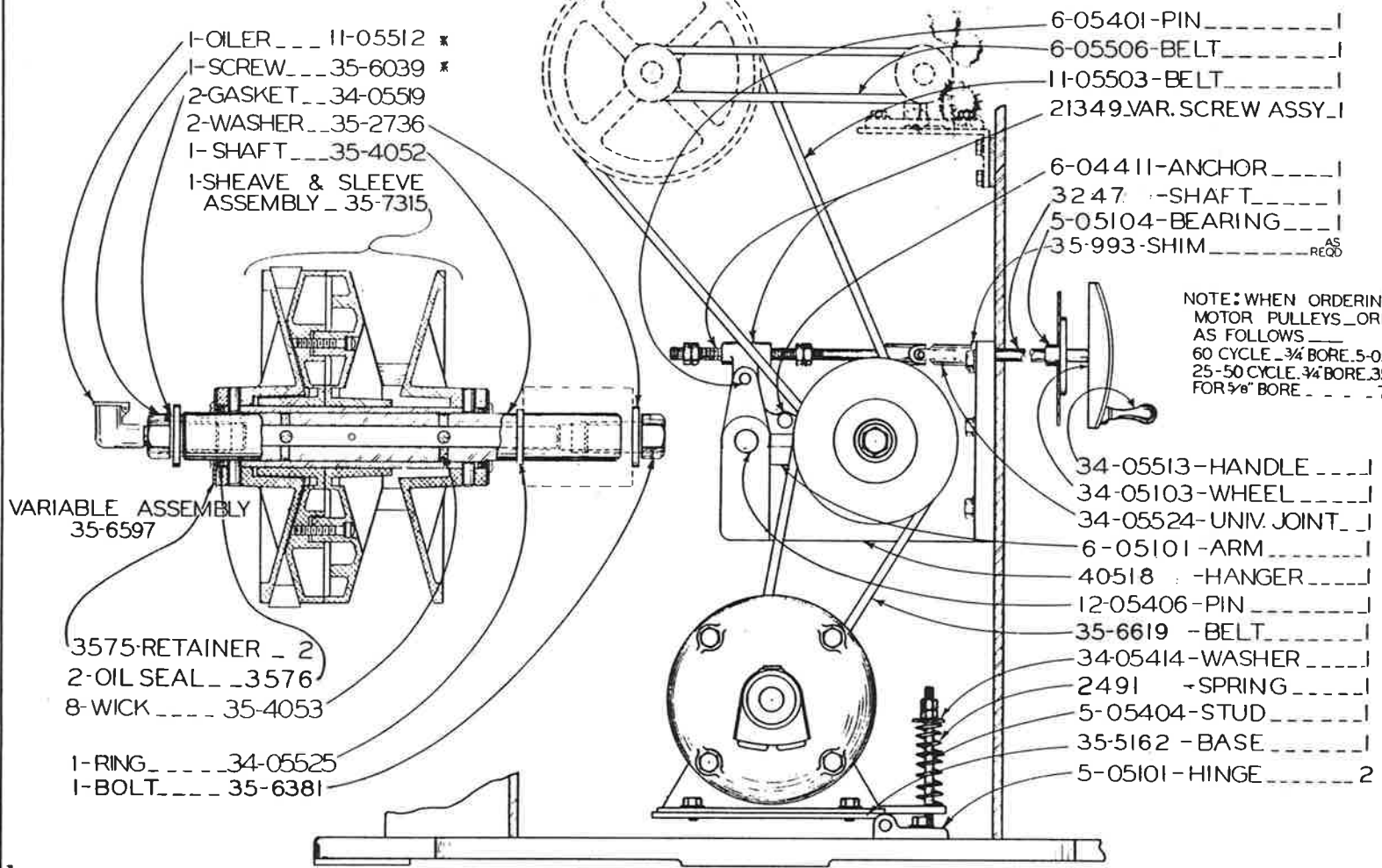
VARIABLE ASSEMBLY - MODEL ML

B-7 & 8

FIRST MACHINE 3801
LAST MACHINE 4612087

*NOTE: BEFORE SERIAL NO. 4712593
 REPLACE 11-05512 & 35-6039
 AT THE SAME TIME.

C-5-3



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MODEL, FIRST MACH, LAST MACH
 ML 4612088 5418353

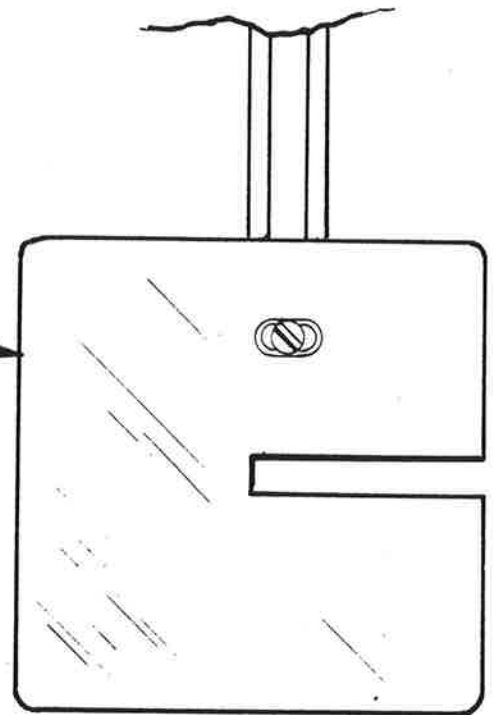
VARIABLE ASSEMBLY - MODEL ML

B-9 & 10

*NOTE: BEFORE 2-14-46 FILLER PLATE & FILING PLATE MUST BE REPLACED AT SAME TIME.

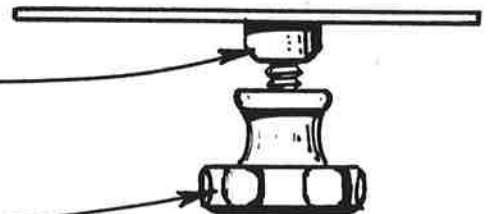
**NOTE: BETWEEN SERIAL NO'S V26 26431075 & 26512420 & V60 604394 & 6051116, ORDER-35-3805 AUX. TABLE FILING PLATE.

*1-FILING PLATE 35-3802



1-FILLER PLATE
FOR TABLE WITH 1" SLOT . . . 35-3803
FOR TABLE WITH 1-1/4" SLOT . 35-3798

1-HANDWHEEL AND STUD ASSY.
FOR TABLE WITH 1" SLOT . . . 5-03005
FOR TABLE WITH 1-1/4" SLOT . 13-03003



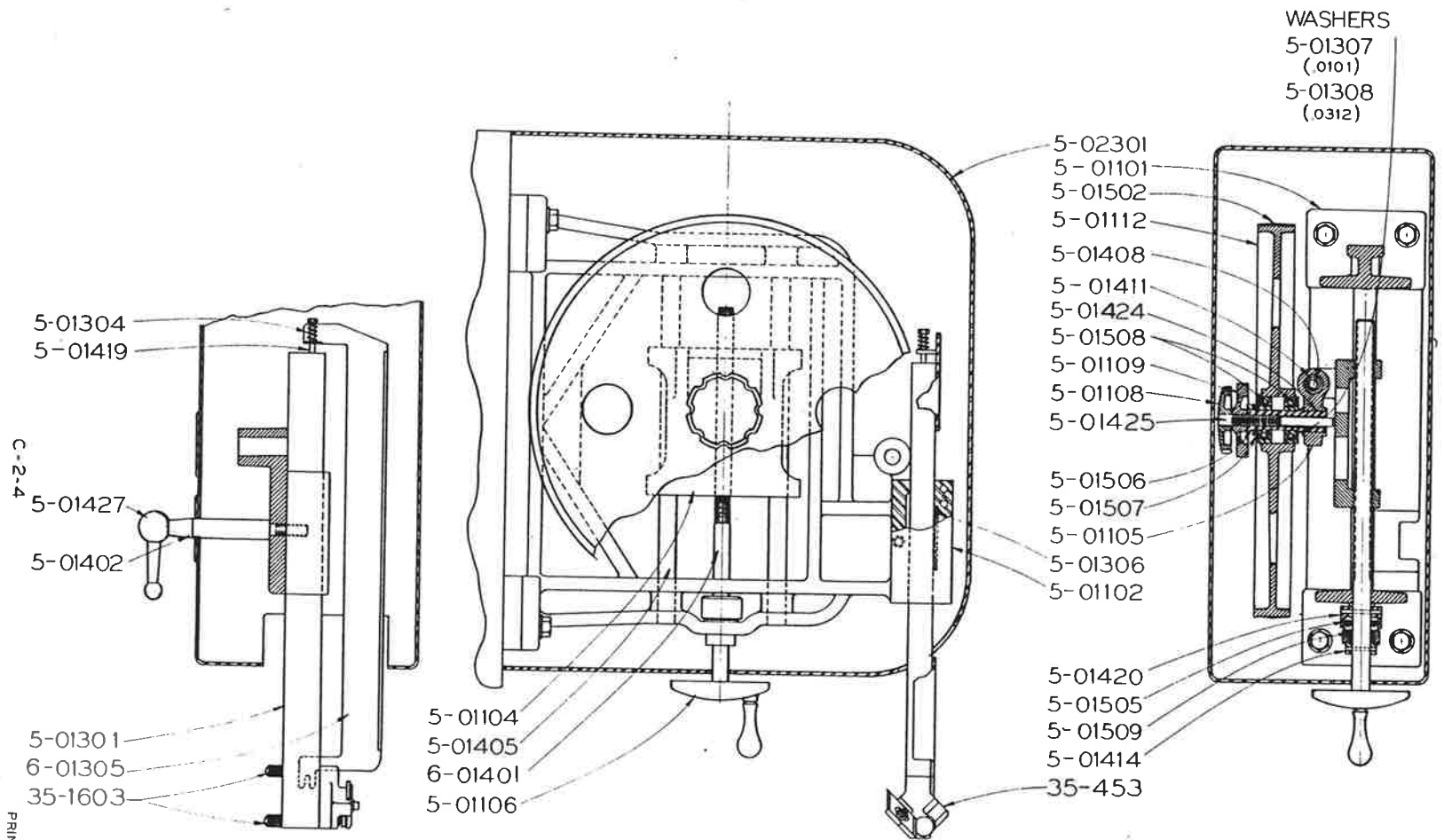
FIRST UNIT 4-11-38

FOR 1" FILLER PLATE . . . 35-3804
FOR 1-1/4" FILLER PLATE . . . 35-3805**

AUXILIARY TABLE FILING PLATE

C-10-18

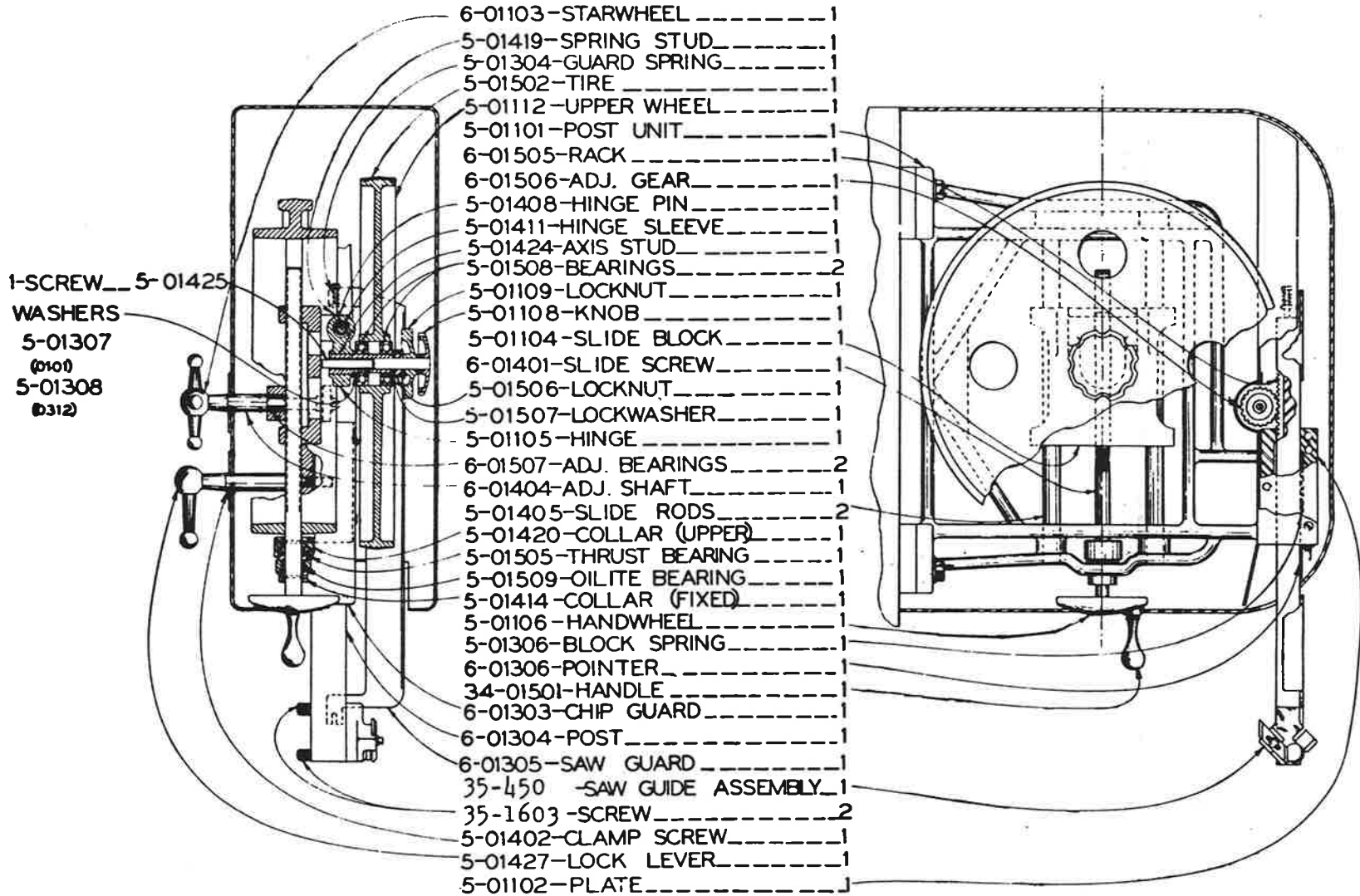
B-11



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HEAD ASSEMBLY - MODEL - ML & V-36

MODEL	ML	V-36
FIRST	3801	363901
LAST	39699	3639119



C-2-5

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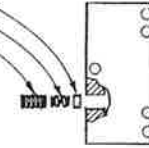
HEAD ASSEMBLY - MODELS ML & V-36 -6-01002

MODEL	FIRST MACH.	LAST MACH.
ML	39700	447769
V-36	3639120	36443239

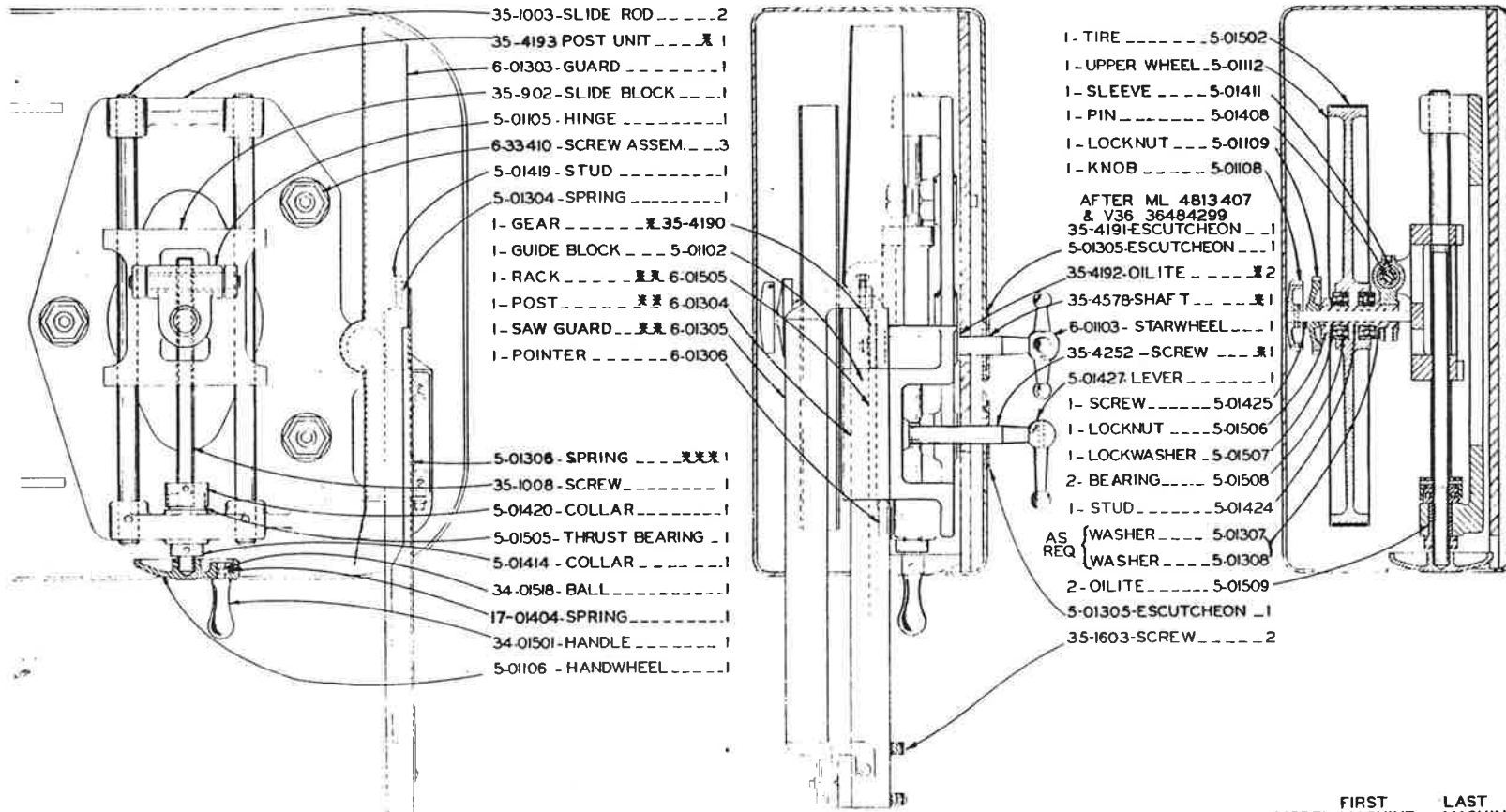
NOTE: **BEFORE SERIAL NOS. ML 4813408
& V36 36484300
35-4190 GEAR WAS - - 6-01506
35-4192-OILITE WAS - - 6-01507
35-4193-POST UNIT WAS - 35-1210
35-4252-SCREW WAS - - 35-1007
35-4578-SHAFT WAS - - 35-1211

NOTE:*** ON THE V36 ONLY AFTER
SERIAL NO. 36484300.
RACK - - - - 13-01503
POST - - - - 35-8116
SAW GUARD - - 35-8117

NOTE:*** AFTER SERIAL NOS. ML 4913857 &
V36 36484410.
1- INSERT - - 35-9190
1- SPRING - - 35-9188
1- SCREW - - 35-9189



C-2-6



- 35-1003-SLIDE ROD2
- 35-4193-POST UNIT1
- 6-01303-GUARD1
- 35-902-SLIDE BLOCK1
- 5-01105-HINGE1
- 6-33410-SCREW ASSEM.3
- 5-01419-STUD1
- 5-01304-SPRING1
- 1-GEAR1 35-4190
- 1-GUIDE BLOCK5-01102
- 1-RACK1 6-01505
- 1-POST1 6-01304
- 1-SAW GUARD1 6-01305
- 1-POINTER6-01306
- 5-01308-SPRING1
- 35-1008-SCREW1
- 5-01420-COLLAR1
- 5-01505-THRUST BEARING ..1
- 5-01414-COLLAR1
- 34-01518-BALL1
- 17-01404-SPRING1
- 34-01501-HANDLE1
- 5-01106-HANDWHEEL1

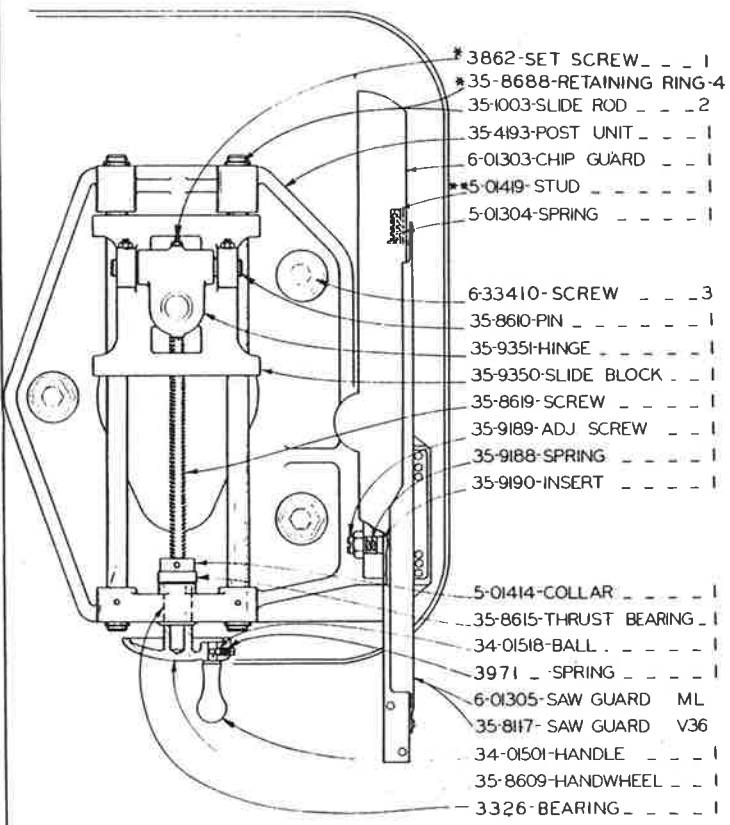
- 1-TIRE5-01502
- 1-UPPER WHEEL5-01112
- 1-SLEEVE5-01411
- 1-PIN5-01408
- 1-LOCKNUT5-01109
- 1-KNOB5-01108
- AFTER ML 4813407
& V36 36484299
- 35-4191-ESCUTCHEON1
- 5-01305-ESCUTCHEON1
- 35-4192-OILITE2
- 35-4578-SHAFT1
- 6-01103-STARWHEEL1
- 35-4252-SCREW1
- 5-01427-LEVER1
- 1-SCREW5-01425
- 1-LOCKNUT5-01506
- 1-LOCKWASHER5-01507
- 2-BEARING5-01508
- 1-STUD5-01424
- AS REQ { WASHER5-01307
- { WASHER5-01308
- 2-OILITE5-01509
- 5-01305-ESCUTCHEON1
- 35-1603-SCREW2

HEAD ASSEMBLY MODELS ML & V36

	FIRST	LAST
MODEL	MACHINE	MACHINE
ML	447770	4913966
V36	36443240	36494430

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C-2-7



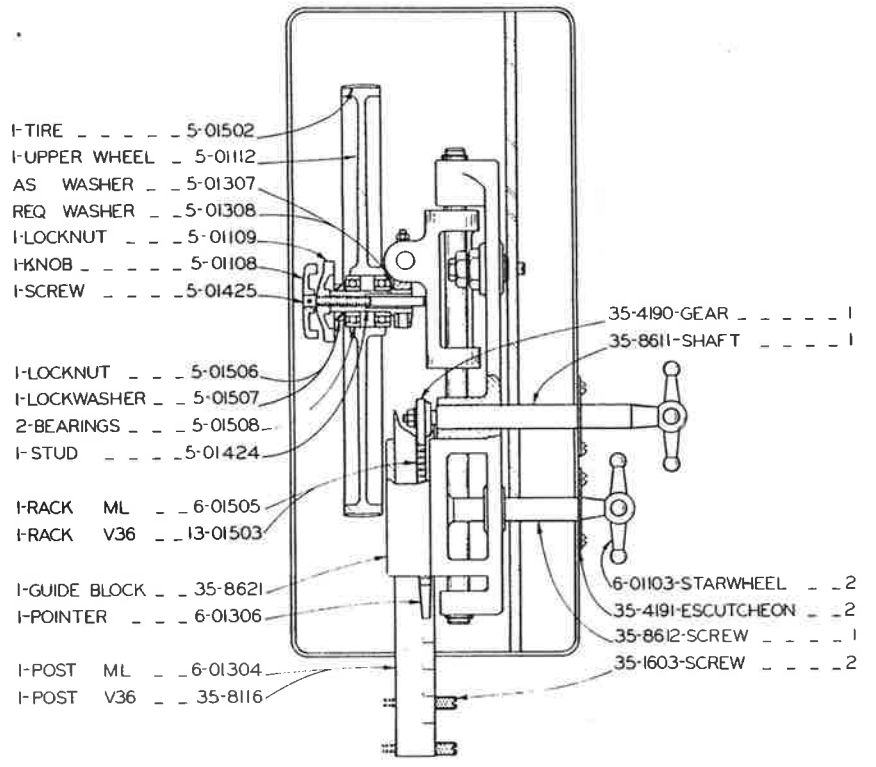
- * 3862-SET SCREW _ _ _ 1
- * 35-8688-RETAINING RING-4
- 35-1003-SLIDE ROD _ _ _ 2
- 35-4193-POST UNIT _ _ _ 1
- 6-01303-CHIP GUARD _ _ _ 1
- * 5-01419-STUD _ _ _ 1
- 5-01304-SPRING _ _ _ 1
- 6-33410-SCREW _ _ _ 3
- 35-8610-PIN _ _ _ 1
- 35-9351-HINGE _ _ _ 1
- 35-9350-SLIDE BLOCK _ _ _ 1
- 35-8619-SCREW _ _ _ 1
- 35-9189-ADJ SCREW _ _ _ 1
- 35-9188-SPRING _ _ _ 1
- 35-9190-INSERT _ _ _ 1
- 5-01414-COLLAR _ _ _ 1
- 35-8615-THRUST BEARING _ _ 1
- 34-01518-BALL _ _ _ 1
- 3971 _ _ _ SPRING _ _ _ 1
- 6-01305-SAW GUARD ML
- 35-8117-SAW GUARD V36
- 34-01501-HANDLE _ _ _ 1
- 35-8609-HANDWHEEL _ _ _ 1
- 3326-BEARING _ _ _ 1

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NOTE: AFTER [ML SER. NO. 5115784] USE 1/4"-20 x 1 1/2" HEX. HD. CAP SCR.
 [V-36 SER. NO. 36514938]

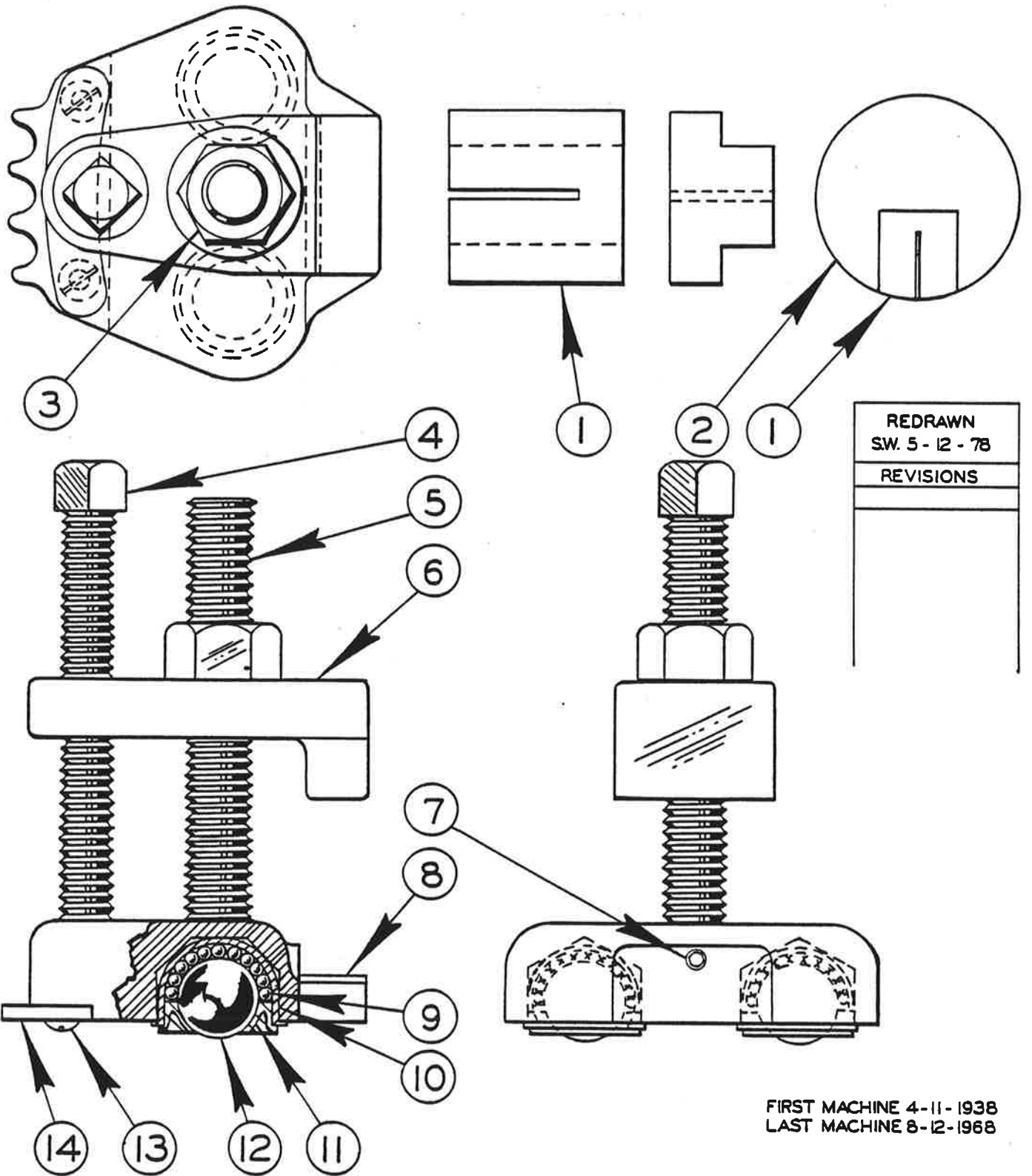
*NOTE WHEN REORDERING PART
 35-1003 ALSO ORDER 35-8688.

HEAD ASSEMBLY MODELS ML & V36



- I-TIRE _ _ _ _ _ 5-01502
- I-UPPER WHEEL _ _ 5-01112
- AS WASHER _ _ _ 5-01307
- REQ WASHER _ _ _ 5-01308
- I-LOCKNUT _ _ _ 5-01109
- I-KNOB _ _ _ _ _ 5-01108
- I-SCREW _ _ _ _ _ 5-01425
- 35-4190-GEAR _ _ _ _ 1
- 35-8611-SHAFT _ _ _ _ 1
- I-LOCKNUT _ _ _ 5-01506
- I-LOCKWASHER _ _ 5-01507
- 2-BEARINGS _ _ _ 5-01508
- I-STUD _ _ _ _ _ 5-01424
- I-RACK ML _ _ _ 6-01505
- I-RACK V36 _ _ _ 13-01503
- I-GUIDE BLOCK _ _ 35-8621
- I-POINTER _ _ _ 6-01306
- 6-01103-STARWHEEL _ _ 2
- 35-4191-ESCUTCHEON _ _ 2
- 35-8612-SCREW _ _ _ 1
- 35-1603-SCREW _ _ _ 2
- I-POST ML _ _ _ 6-01304
- I-POST V36 _ _ _ 35-8116

MODEL FIRST MACH LAST MACH
 ML 4913967 5418353
 V36 36494431 36535628



HEAVY
PARALLEL WORK CLAMP ASSEMBLY

C-10-22 CM-10-13 Z-10-11

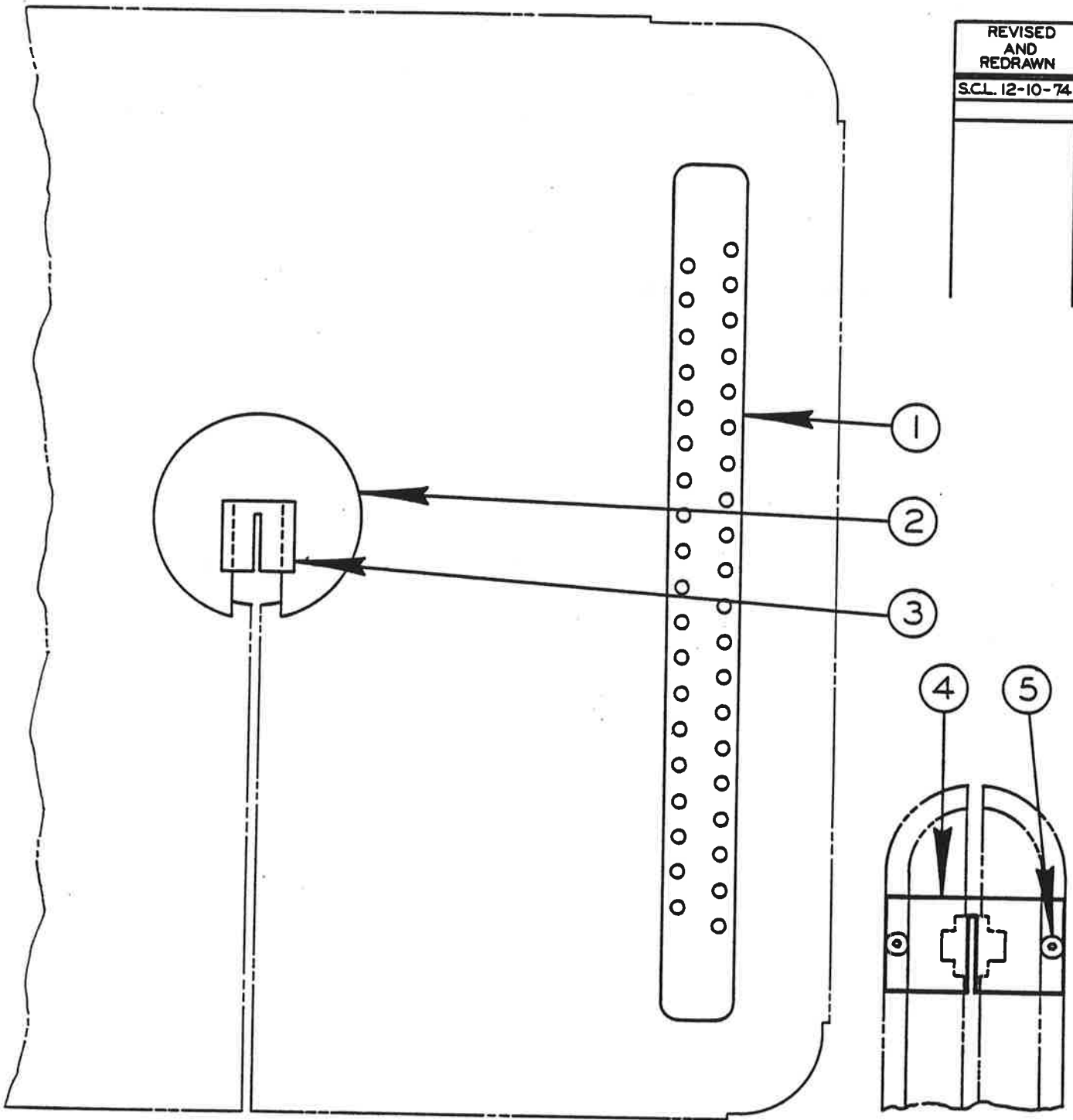
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CODE NO. C-10-22
CM-10-13
Z-10-11

HEAVY
 PARALLEL WORK CLAMP ASSEMBLY

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	106-240047	Parallel Work Clamp Assembly	
1	106-244130	. Center Support (1" Slot)	Use
	135-008787	. Center Support (1-1/4" Slot)	One
2	090-279506	. Center Plate (4-1/2" Dia.)	1
Ref.	135-051746	. Parallel Work Clamp Sub-Assembly	4
3	091-991356	. . Nut, Hex. 5/8-11NC	1
4	106-245087	. . Screw, Sq. Hd. Set	1
5	106-244155	. . Clamp Stud	1
6	106-243074	. . Parallel Arm Weldment	1
7	091-984112	. . Screw, Soc. Hd. Set #10-24NC x 3/8.....	1
8	106-241078	. . Clamp Body	1
9	106-245053	. . Ball	130
10	106-243066	. . Ball Cup	2
11	135-037976	. . Ball Retaining Ring	2
12	106-245046	. . Ball	2
13	091-988691	. . Screw, Rd. Hd. Mach. #10-24NC x 1/2	2
14	105-133136	. . Work Holding Jaw Sprocket (1/2" Pitch)	Use
	106-233372	. . Work Holding Jaw Sprocket (3/16" Pitch)	One

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REDRAWN
SCL. 12-10-74



HEAVY WORK SLIDES

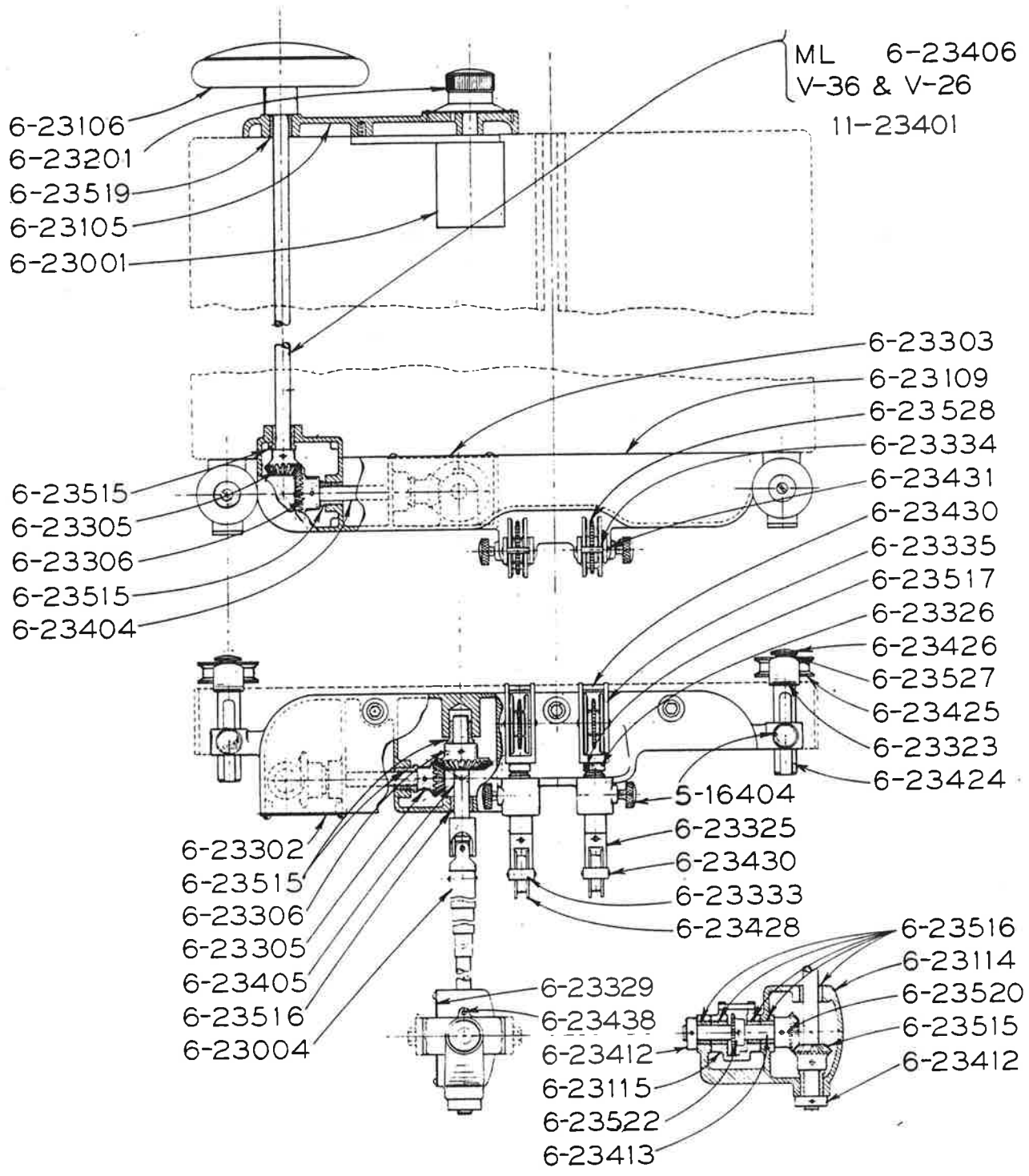
CODE NO. C-10-23

CM-10-33

Z-10-12

HEAVY WORK SLIDES

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	090-450040	Heavy Work Support Assembly (1612, 1612-0, 1612-1, 2013, 2013-0, 2013-10, 2612-1, 2614-1, 3612, 3612-1, 3613-0, 3613-10, 3613-1, 2013-1)	
Ref.	135-052470	Heavy Work Support Assembly (1613-2, 2613-2, 3613-2, 6013-2, ZS-3620, ZV-3620, ZW-3620)	
Ref.	094-006921	Heavy Work Slide Assembly (2612-2H)	
1	106-233190	. Work Transport Bar	2
2	090-279506	. Center Plate (Assembly #090-450040 Only)	1
3	106-234529	. Center Support (Assemblies #090-450040 & 135-052470)	1
4	091-178145	. Center Support (Assembly #094-006921 Only)	1
5	091-983205	. Screw, Fl Hd. Soc. Cap 1/4-20NC x 3/4 (Assembly #094-006921 Only)	2

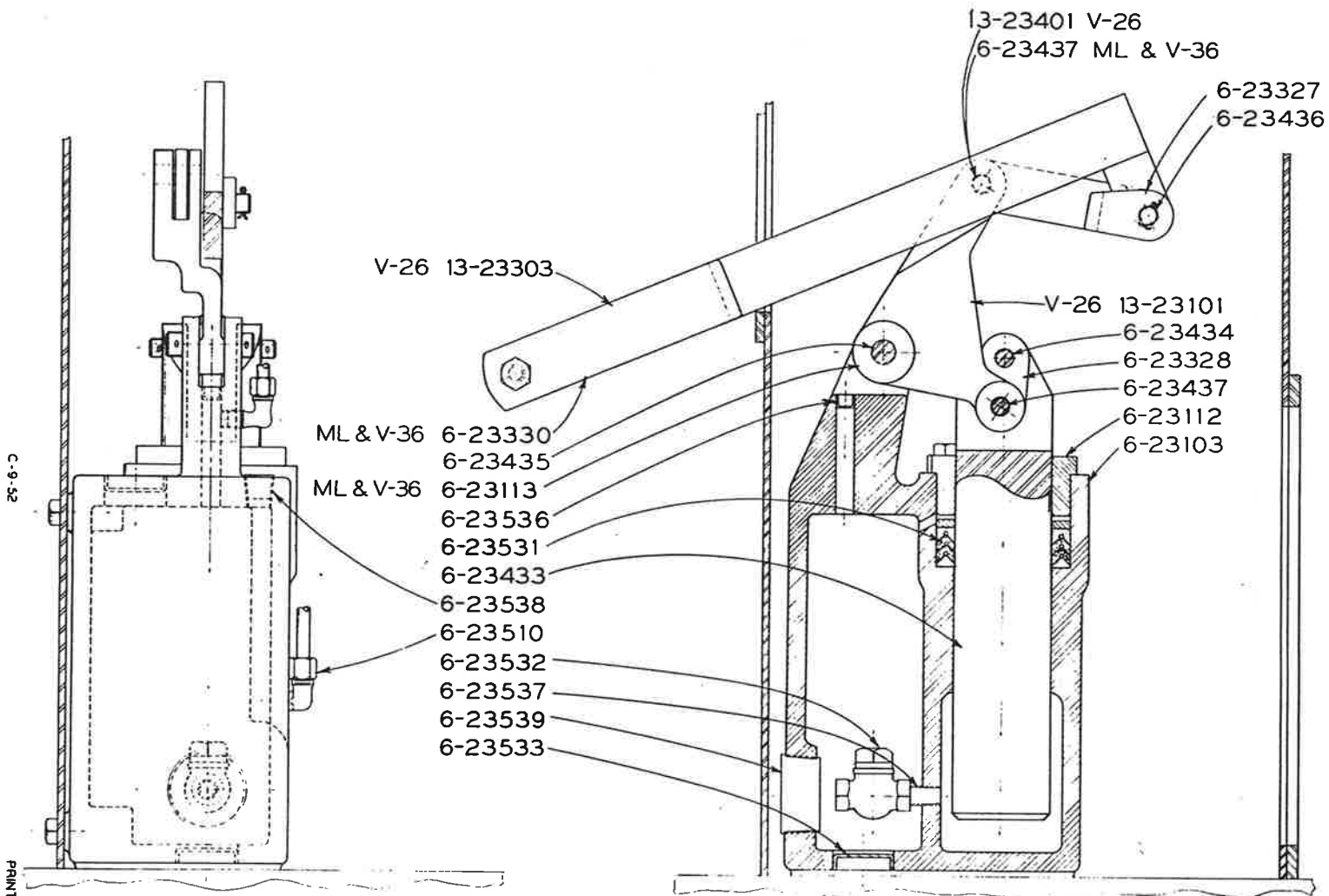


HYDRAULIC CONTOUR POWER FEED ARRANGEMENT CONTROLS

MODEL	FIRST MACH	LAST MACH
ML	40889	436686
V26	264072	26431077
V36	3640225	36432778

C-9-51

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HYDRAULIC CYLINDER ASSEMBLY

MODEL	FIRST MACH	LAST MACH
ML	40889	43686
V26	264072	26431077
V36	3640225	36432778

C-9-52

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** NOTE:
STARRED ITEMS ARE
INCLUDED IN CYLINDER
ASSEMBLY...35-799

1-SPRING...35-835
1-GASKET...35-824
1-O-RING...35-9176
35-828-SELECTOR PLATE

NOTE:
TO ORDER COMPLETE
UNIT INCLUDING HYD.
TANK ASS'Y. ORDER...
ML...50672
Z-16...50705

* NOTE: AFTER 2-28-52 MACHINES
NOT USING 35-838 FRAME MANIFOLD...
USE 5846 HOSE.

2-SCREW...34-17401
2-ROLLER ASSEM...35-671
1-ROLLER BAR...35-794
1-BRACKET...35-798
**1-GLAND...35-464
**1-PACKING...35-462
AS
REQ SHIM...35-298
**1-FRONT CAP...35-322
**2-SNAP RING...35-466
**1-PISTON ROD...35-797
**1-PISTON BODY...35-458
**2-PISTON CUP...35-460
**1-REAR CAP...35-477
**1-CYLINDER...35-796
**1-STOP COLLAR...35-459
**2-COLLAR...35-465
**2-GASKET...35-463
4-UNION...35-319
35-497-CLAMP

4070-BUSHING...2
35-820-VALVE ASSEM...1
6-23519-BUSHING...1
35-827-INDICATOR PLATE...1
35-822-HANDLE...1
35-667-HANDWHEEL...1
35-829-CONTROL PANEL...1

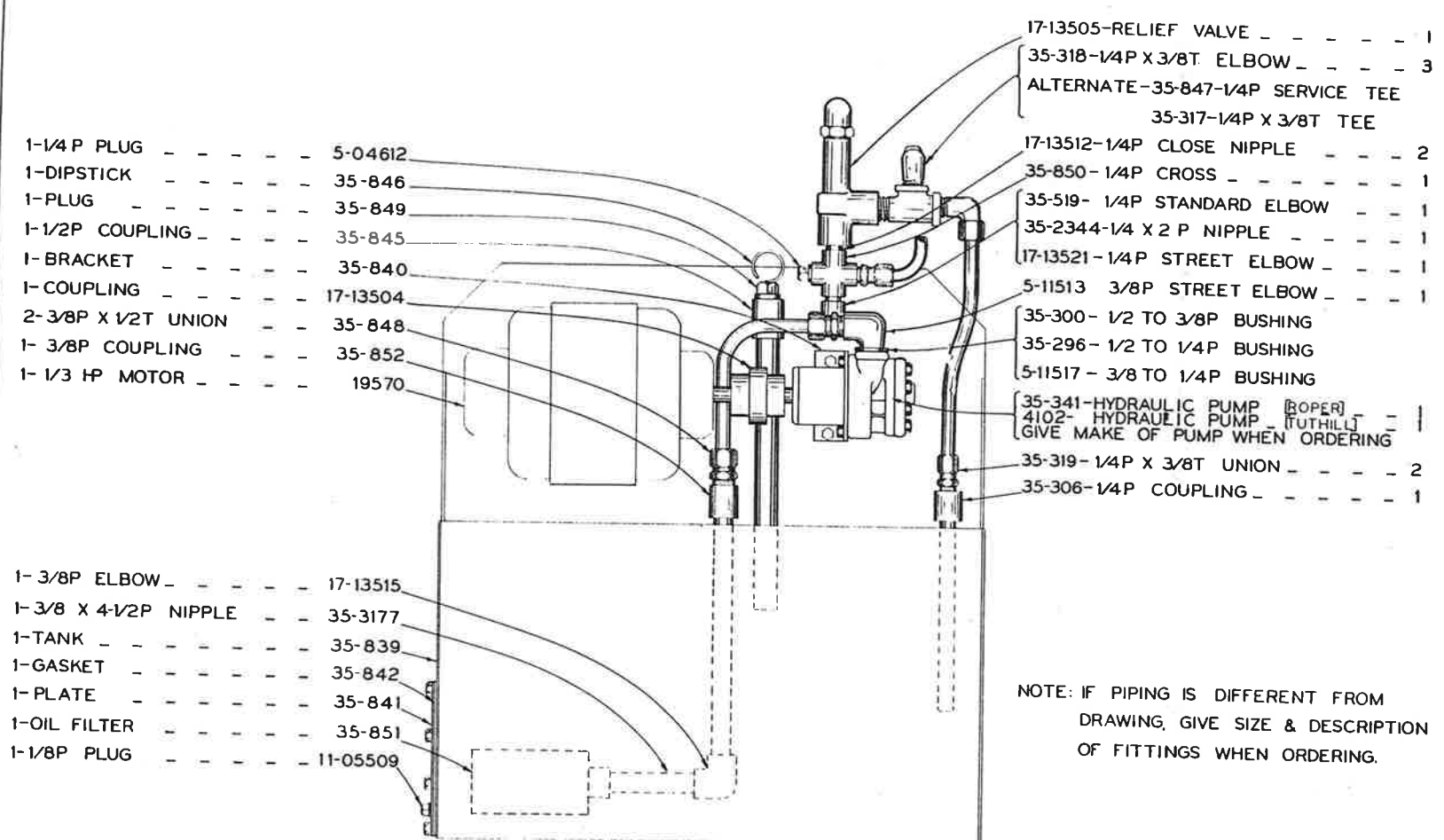
1-CHAIN ASS'Y...35-5013
35-318-ELBOW...6
35-673-RETAINER...1
35-672-SPROCKET...1
35-499-GEAR SHAFT...1
6-23306-GEAR...2
6-23305-GEAR...2
6-23521-BUSHING...3
35-837-MANIFOLD...1
35-478-SHAFT...1
35-323-SHAFT...1
*35-321-HYD. HOSE...2
*35-838-MANIFOLD...1

FIRST UNIT: 2-12-44
LAST UNIT: 9-30-54

MODELS ML & Z16
HYDRAULIC CONTOUR FEED - 24" TABLE - 35-5212

D-1 & 2

C-9-75
Z-8-20



- 1-1/4 P PLUG - - - - - 5-04612
- 1-DIPSTICK - - - - - 35-846
- 1-PLUG - - - - - 35-849
- 1-1/2P COUPLING - - - - - 35-845
- 1-BRACKET - - - - - 35-840
- 1-COUPLING - - - - - 17-13504
- 2-3/8P X 1/2T UNION - - - - - 35-848
- 1- 3/8P COUPLING - - - - - 35-852
- 1- 1/3 HP MOTOR - - - - - 19570

- 1- 3/8P ELBOW - - - - - 17-13515
- 1- 3/8 X 4-1/2P NIPPLE - - - - - 35-3177
- 1-TANK - - - - - 35-839
- 1-GASKET - - - - - 35-842
- 1-PLATE - - - - - 35-841
- 1-OIL FILTER - - - - - 35-851
- 1-1/8P PLUG - - - - - 11-05509

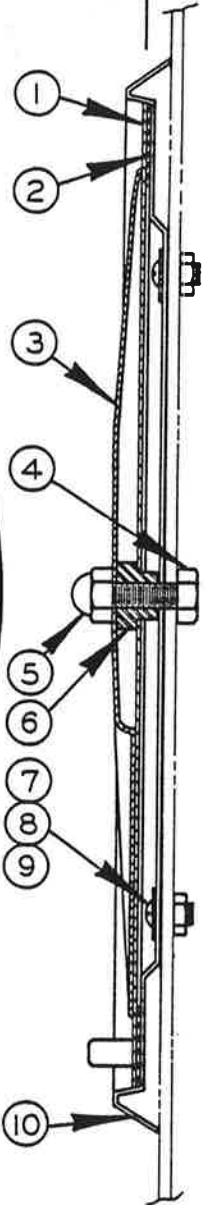
- 17-13505-RELIEF VALVE - - - - - 1
- 35-318-1/4P X 3/8T ELBOW - - - - - 3
- ALTERNATE-35-847-1/4P SERVICE TEE
35-317-1/4P X 3/8T TEE
- 17-13512-1/4P CLOSE NIPPLE - - - - - 2
- 35-850-1/4P CROSS - - - - - 1
- 35-519- 1/4P STANDARD ELBOW - - - - - 1
- 35-2344-1/4 X 2 P NIPPLE - - - - - 1
- 17-13521-1/4P STREET ELBOW - - - - - 1
- 5-11513 3/8P STREET ELBOW - - - - - 1
- 35-300- 1/2 TO 3/8P BUSHING
- 35-296- 1/2 TO 1/4P BUSHING
- 5-11517 - 3/8 TO 1/4P BUSHING
- 35-341-HYDRAULIC PUMP [ROPER] - - - - - 1
- 4102- HYDRAULIC PUMP [TUTHILL] - - - - - 1
- [GIVE MAKE OF PUMP WHEN ORDERING]
- 35-319- 1/4P X 3/8T UNION - - - - - 2
- 35-306-1/4P COUPLING - - - - - 1

NOTE: IF PIPING IS DIFFERENT FROM
DRAWING, GIVE SIZE & DESCRIPTION
OF FITTINGS WHEN ORDERING.

MODELS ML, V26, V36, V60, Z16, Z26, Z36-16, Z60
HYDRAULIC TANK ASSEMBLY- 35-5204

FIRST UNIT - 10-15-43
LAST UNIT - 8-14-52

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S.W. 12-16-74



JOB SELECTOR ASSEMBLY

C-8-104 CM-8-53 Z-6-54

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CODE NO. C-8-104
CM-8-53
Z-6-54

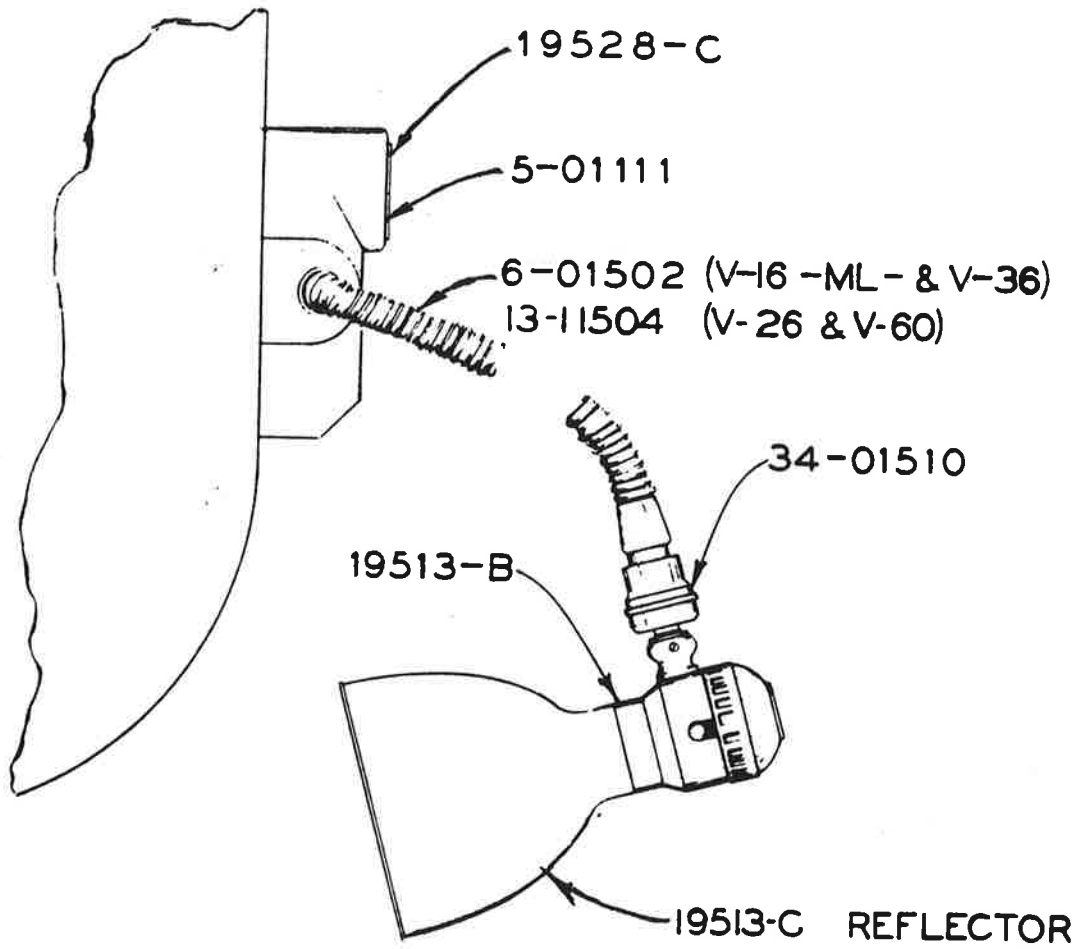
INDEX NO.	CATALOG NO.	JOB SELECTOR DESCRIPTION	UNITS PER ASS'Y
Ref.	090-468174	Job Selector (1612-U, 3012-U, 1611-H, 2612-1H, 2013, 2013-0, 2012-A, 2012-AT, 1612-0, 3613-0, 1612, 3612, 2013-1, 2013-10, 2012-1A, 2012-1AT, 3612-1H, 3612-1, 3613-10)	
*Ref.	090-435603	Job Selector (1612-1, 3613-1, 2612-1, 2613-2, 6013-2, 2618-4, HS-6013, ZW-3620, ZV-3620, ZS-3620)	
1	090-220781	. Job Selector Dial	1
2	106-143043	. Outer Edge Felt	4
3	094-008380	. Job Selector Plate	1
4	091-990283	. Screw, Truss Hd. Mach. 5/16-18NC x 3/4	1
	*091-980276	. Screw, Hex. Hd. Cap 5/16-18NC x 3/4	1
5	090-044496	. Acorn Nut 5/16-18NC	1
6	106-144017	. Bushing	Use
	*090-027012	. Bushing	One
*7	091-988907	. Screw, Rd. Hd. Mach. 1/4-20NC x 1/4	4
*8	091-993741	. Washer, Lock Shakeproof 1/4 Internal	4
*9	091-991141	. Nut, Hex. Jam 1/4-20NC	4
*10	090-426727	. Job Selector Frame	1

NOTE: Job Selectors #090-468174 & #090-435603, First Used 9/17/62. Before This Date #094-008380 Plate and #090-220781 Dial, Must Be Replaced Together As A Unit.

*NOTE: Starred Items Used Only On Assembly #090-435603.

*NOTE: Last Used On Models:

MODEL	LAST MACH.
<u>1613-2</u>	<u>150-69593</u>
3613-2	151-69515
1612-3	152-691017
2613-3	198-69361
3612-3	153-691054
6013-3	199-70125
1612-H	288-69204
2612-H	284-69135
2612-2H	206-69308
3612-H	272-69152



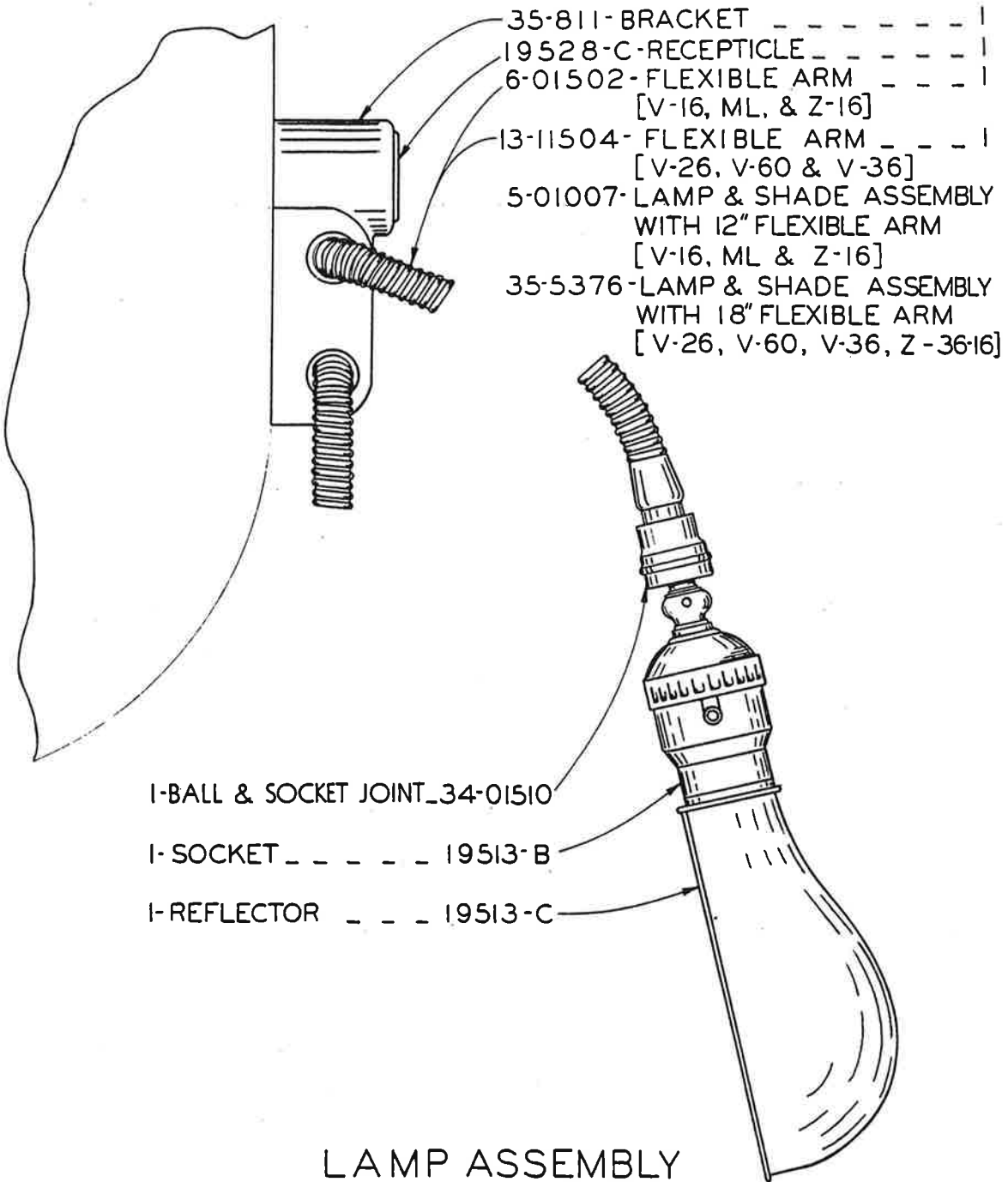
	First Machine	Last Machine
ML & V-16	3801	447198
V-36	363901	36443009
V-26	263951	26441211
V-60	604050	604498

LAMP ASSEMBLY-5-01007

C - 8 - 1

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D-7

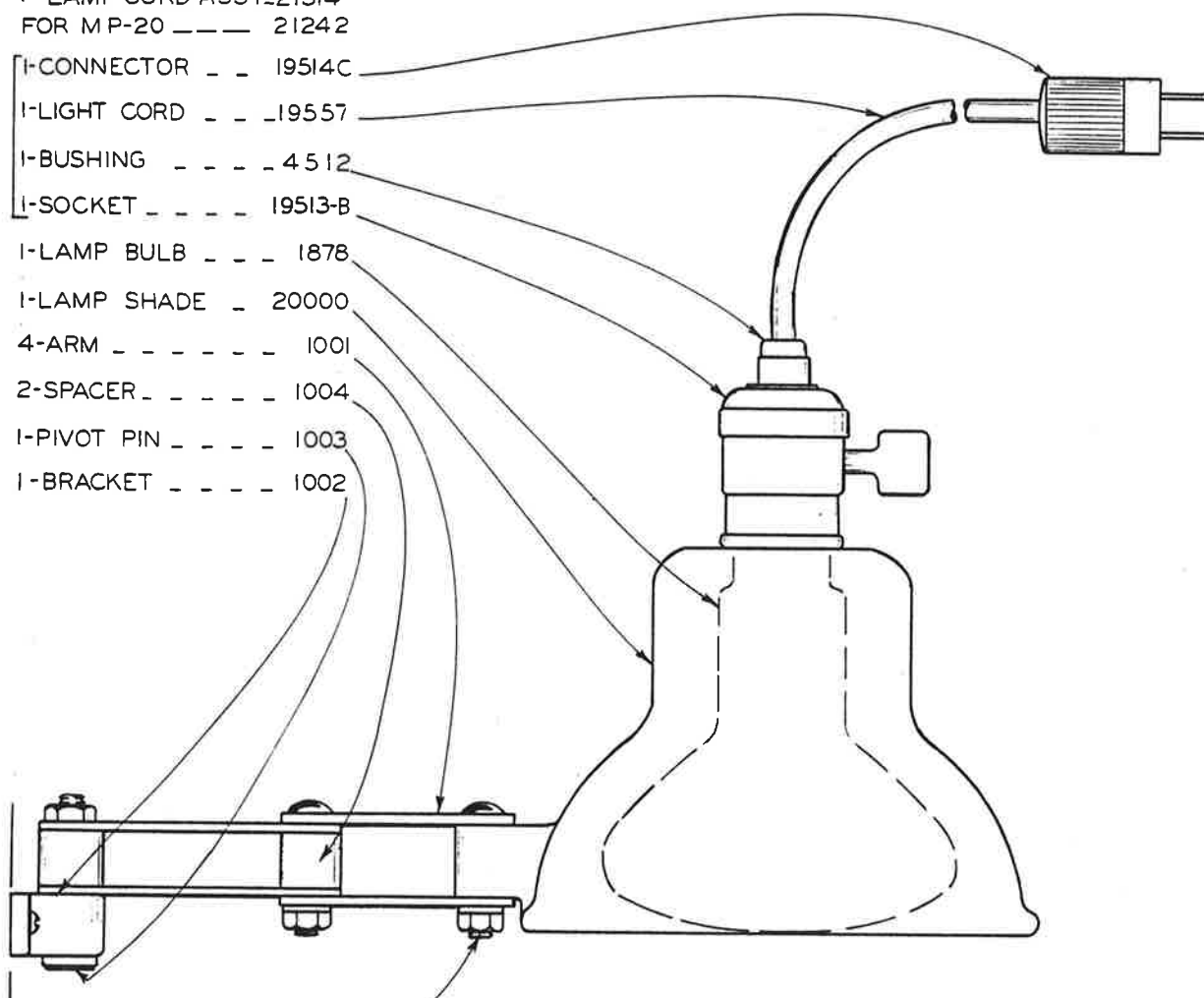


LAMP ASSEMBLY

MODEL	FIRST MACHINE	LAST MACHINE
ML, & V-16	4 4 7 199	5115574
V-26	26441212	26512425
V-36	36443010	36514876
V-60	604499	6051125
Z-16	4505116	5116337
Z-36-16	4736051	5136118

1-LAMP CORD ASSY_21514
 FOR MP-20 _ _ _ _ 21242

- 1-CONNECTOR _ _ 19514C
- 1-LIGHT CORD _ _ 19557
- 1-BUSHING _ _ _ 4512
- 1-SOCKET _ _ _ 19513-B
- 1-LAMP BULB _ _ 1878
- 1-LAMP SHADE _ 20000
- 4-ARM _ _ _ _ 1001
- 2-SPACER _ _ _ 1004
- 1-PIVOT PIN _ _ 1003
- 1-BRACKET _ _ _ 1002



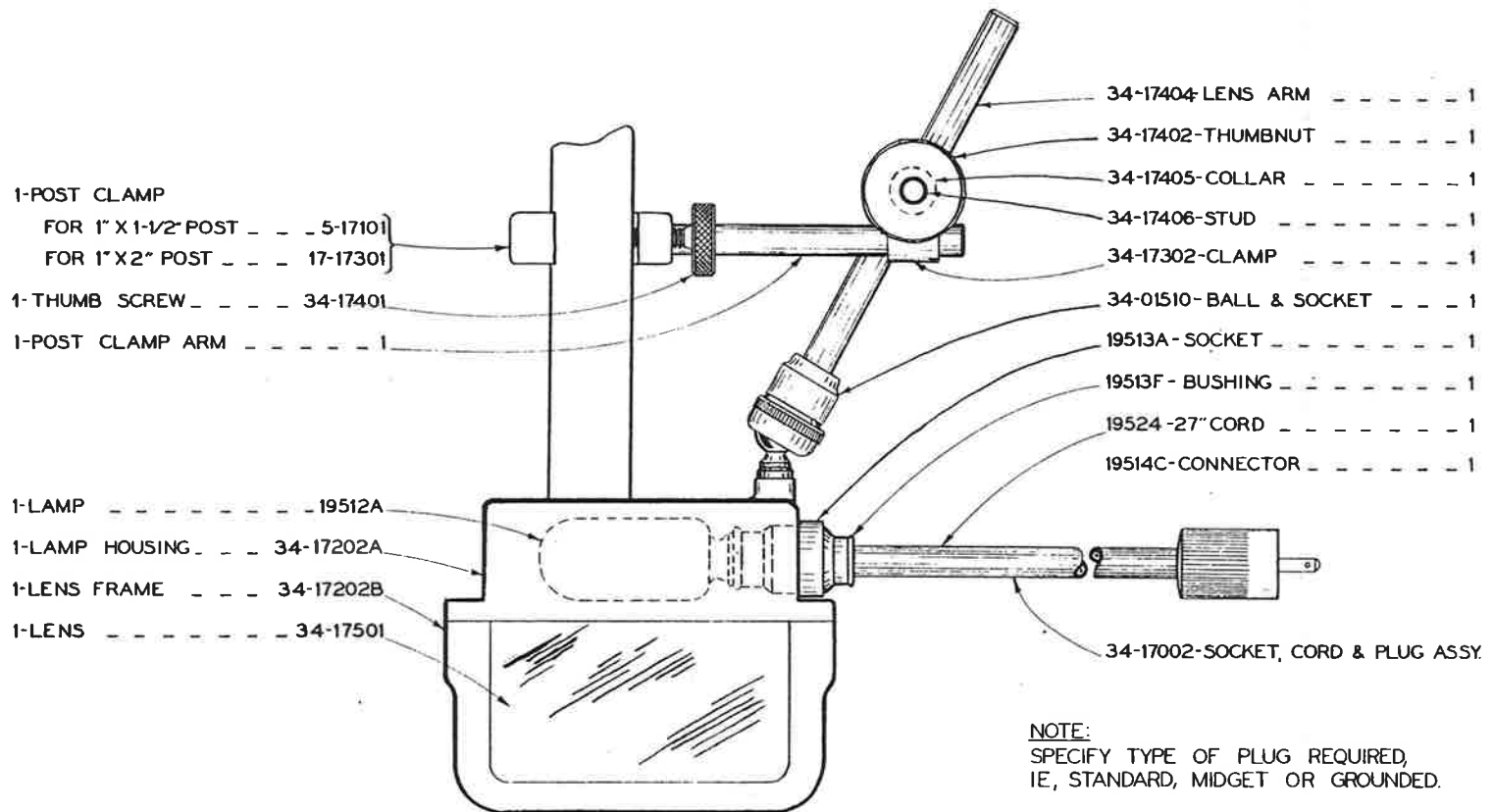
2-CARRIAGE BOLT & NUT_5030

LAMP ASSEMBLY

MODEL	FIRST MACH.	LAST MACH.
V-36-3	37-51101	37-53204
V-60	60-51126	60-52142
V-16	16-51823	48-399
ML	51-5575	54-18353
V-36	36-514877	36-535628
V-26	26-512426	26-532923
Z-16	51-16338	53-16402
Z-36-16	51-36119	53-36145
Z-60	60-06351	60-09053
MP-20	32-49101	32-53786

C - 8 - 2 CM - 8 - 26
 Z - 7 - 3

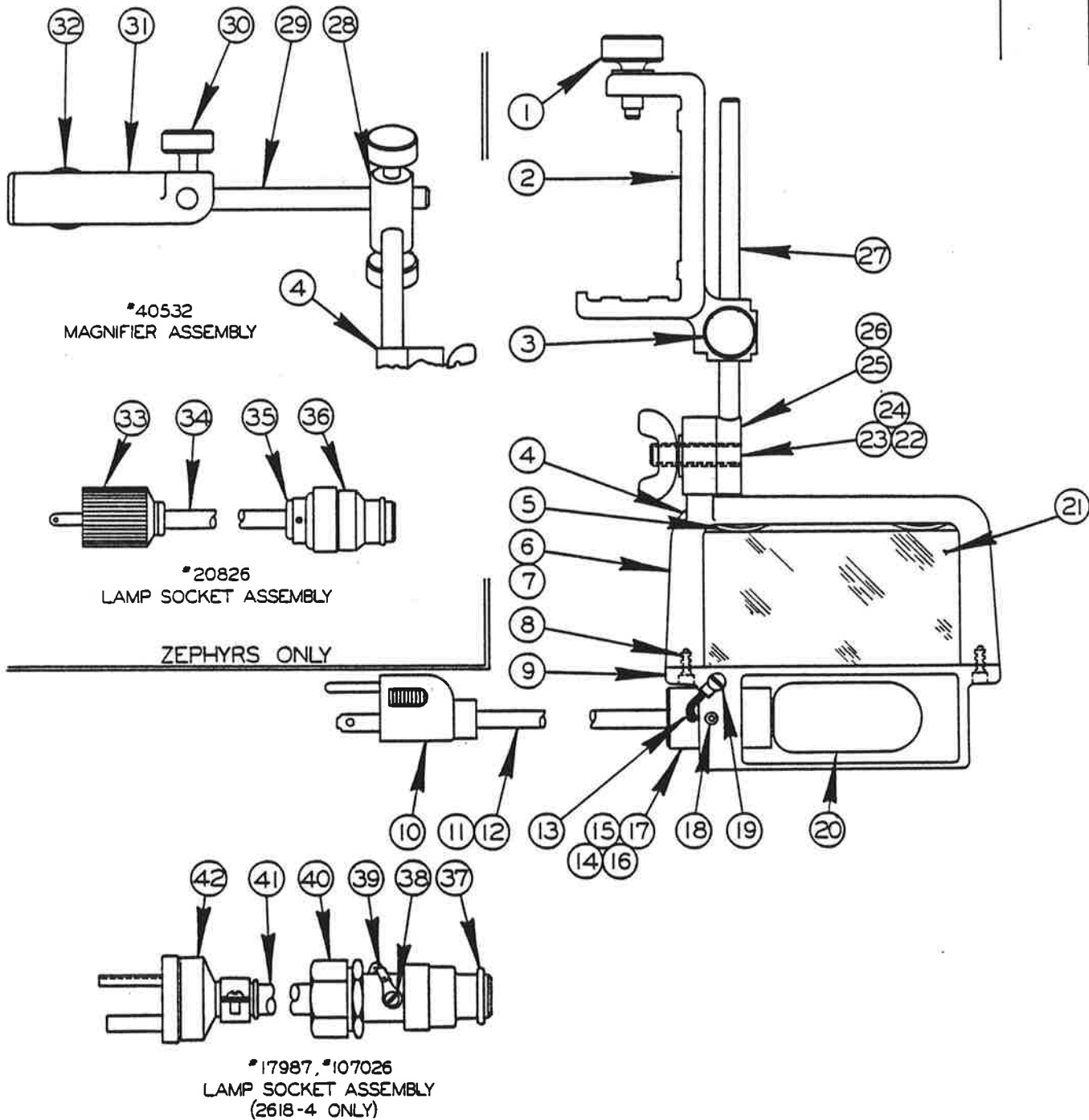
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NOTE:
 SPECIFY TYPE OF PLUG REQUIRED,
 IE, STANDARD, MIDGET OR GROUNDED.

MODELS ML, V16, V26, V36, V60
 MAGNIFIER ATTACHMENT

FIRST UNIT 4-11-1938
 LAST UNIT 7-1-1943



MAGNIFIER ATTACHMENT
ASSEMBLY

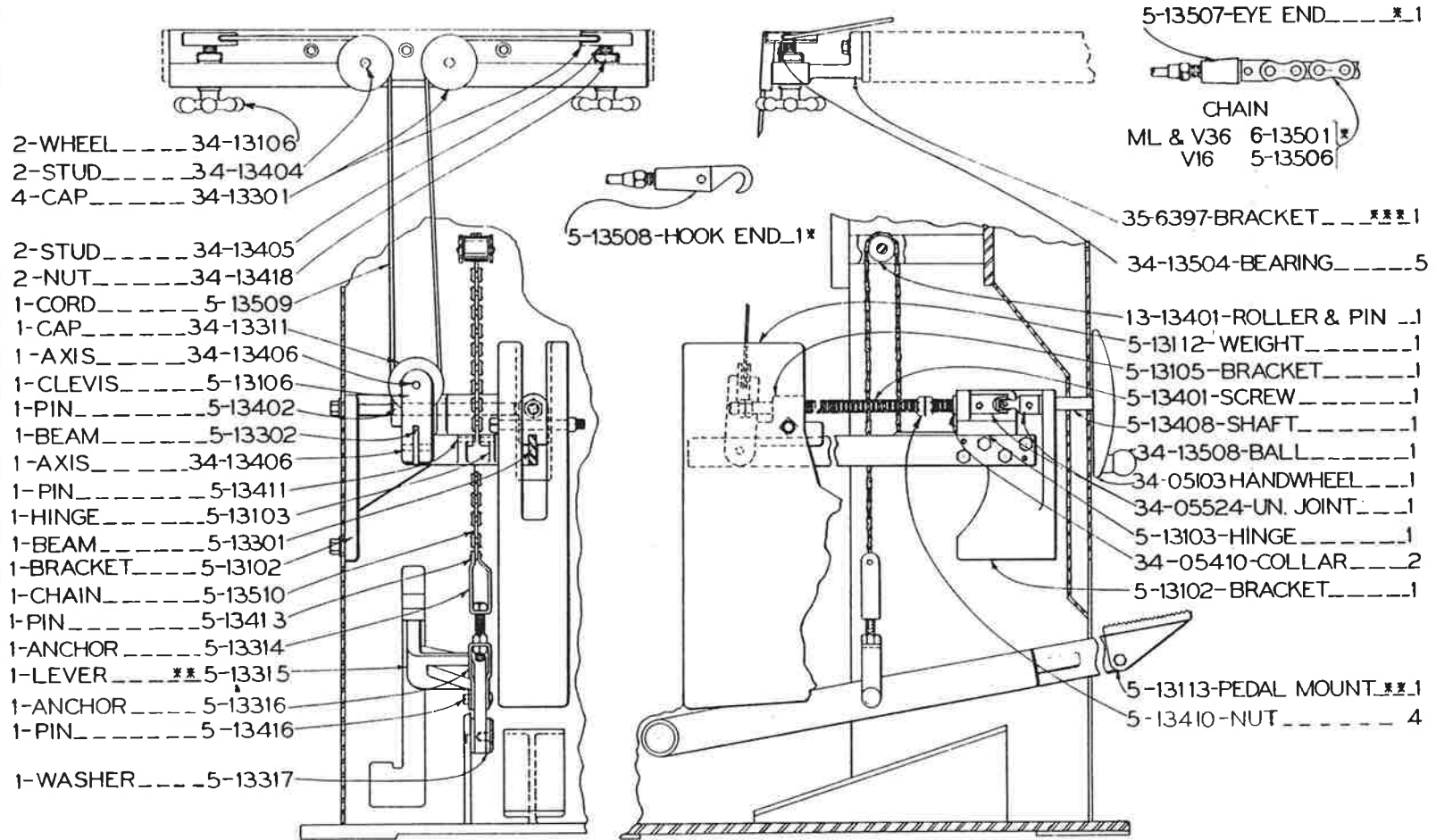
MAGNIFIER ATTACHMENT ASSEMBLY

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	135-005551	Magnifier Attachment Assembly(1612, 1612-0, 1612-H, 1612-1, 1613-2, 1612-3, 2012-A, 2012-AT, 2013, 2013-0, 2012-1A, 2012-1AT, 2013-1, 2013-10, 2612-H, 2612-1, 3612, 3613-0, 3612-H, 3613-1, 3613-2, 3612-3, 2614-1, 2012-1H, 2012-2H, 2012-1H3, 2012-2H3, 3612-1H3, 3612-2H3)	
Ref.	090-428723	Magnifier Attachment Assembly(2613-2, 2613-3, 6013-2, 6013-3, 6013-H3, 2612-1H3)	
Ref.	090-477670	Magnifier Attachment Assembly(2618-4)	
Ref.	090-405325	Magnifier Attachment Assembly(ZS-3620, ZV-3620, ZW-3620)	
1	134-174010	. Thumbnut(Ass'ys #135-005551, #090-428723, #090-477670)	1
	091-982421	. Screw, Soc. Hd. Mach. 1/4-20NC x 1	2
2	093-001899	. Post Clamp(Assembly #135-005551)(1-1/2" Post)	Use
	090-243932	. Post Clamp(Assembly #090-428723)(2-3/4" Post)	
	090-477639	. Post Clamp(Assembly #090-477670)(3-1/4" Post)	
	094-000734	. Post Clamp(Assembly #090-477670)(Extra Work Height)	One
3	135-005544	. Thumb Nut	1
4	090-451055	. Magnifier Sub-Assembly (Assembly #135-005551, #090-428723)	Use
	090-477688	. Magnifier Sub-Assembly (Assembly #090-477670)	
	090-412529	. Magnifier Sub-Assembly (Assembly #090-405325)	One
5	135-021046	. Lens Spring	2
6	135-052694	. Magnifier Housing Sub-Assembly	1
7	135-005528	. Frame	1
8	091-986901	. Screw, Fil. Hd. Mach. #6-32NC x 3/8	2
9	135-005536	. Housing	1
10	093-021681	. Lamp Socket Assembly (Assembly #090-451055 Only)	1
11	091-305383	. Electrical Cord	1
12	091-038372	. Wire Terminal	2
13	091-038349	. Wire Terminal	1
14	091-035360	. Socket Bushing	1
15	091-338848	. Socket 75-W, 125-V	1
16	091-305375	. Strain Relief	1
17	091-984062	. Screw, Soc. Set #8-32NC x 1/4	1
18	091-984104	. Screw, Soc. Set #10-24NC x 1/4	1
19	091-988519	. Screw, Rd. Hd. Mach. #8-32NC x 1/4	1
20	091-338749	. Lamp (Assembly #090-451055, #090-412529)	Use
	090-195124	. Lamp (Assembly #090-477688)	One
21	134-175017	. Magnifying Lens	1
22	135-005593	. Pivot Stud	1
23	091-992628	. Washer 5/16" SAE Std.	1
24	135-005627	. Wing Nut	1
25	135-005601	. Post Arm Swivel Sub-Assembly (Assembly #090-451055)	Use
	091-070250	. Arm Assembly (Assembly #090-477688)	
	135-008761	. Post Arm Swivel Sub-Assembly(Assembly #090-477688, 36" Zephyrs)	
	090-183757	. Post Arm Swivel Sub-Assembly(Assembly #090-412529)	One
26	135-005585	. Swivel (Assembly #135-005601, #091-070250)	Use
	135-008720	. Swivel (Assembly #135-008761, #090-183757)	One
27	135-005569	. Arm (Assembly #135-005601)	Use
	091-070243	. Arm (Assembly #091-070250)	
	135-008712	. Arm (Assembly #135-008761)	
	091-363440	. Rod (Assembly #090-183757)	One
Ref.	090-405325	Magnifier Attachment Assembly(ZS-3620, ZV-3620, ZW-3620)	
28	090-031089	. Joint	1
29	090-031071	. Arm	1
30	135-005544	. Thumb Nut	3
31	090-229030	. Post Clamp	1
32	134-174010	. Thumb Nut	1
Ref.	090-208265	. Lamp Socket Assembly (Zephyrs)	1
33	091-353946	. Midget Cord Connector	1
34	090-007923	. Rubber Cord	A.R.
35	091-353888	. Bushing	2
36	091-353912	. Socket	1
Ref.	090-179870	. Lamp Socket Assembly (2618-4 L.A. Machines)	1
Ref.	091-070268	. Lamp Socket Assembly (2618-4)	1
37	090-183476	. Socket	1
38	091-988519	. Screw, Rd. Hd. Mach. #8-32NC x 1/4	1
39	091-038349	. Wire Terminal	1
40	090-183468	. Cord Grip Connector	1
41	090-007956	. Rubber Cord	A.R.
42	090-162132	. Plug U-Ground	1

NOTE * BEFORE 6-3-40 ON MACHINES WITH LINK CHAIN, REPLACE CHAIN 5-13506 OR 6-13501 & FITTINGS 5-13507 & 5-13508 AT THE SAME TIME.
 ** BEFORE 4-3-42 WHEN LEVER 5-13315 WAS CAST IRON, REPLACE 5-13315 WITH 5-13111 & 5-13113 WITH 34-13111.
 *** WHEN REPLACING BRACKET 35-6397, ORDER 2 SCREWS 35-6398 & 2 STUDS 35-6399.

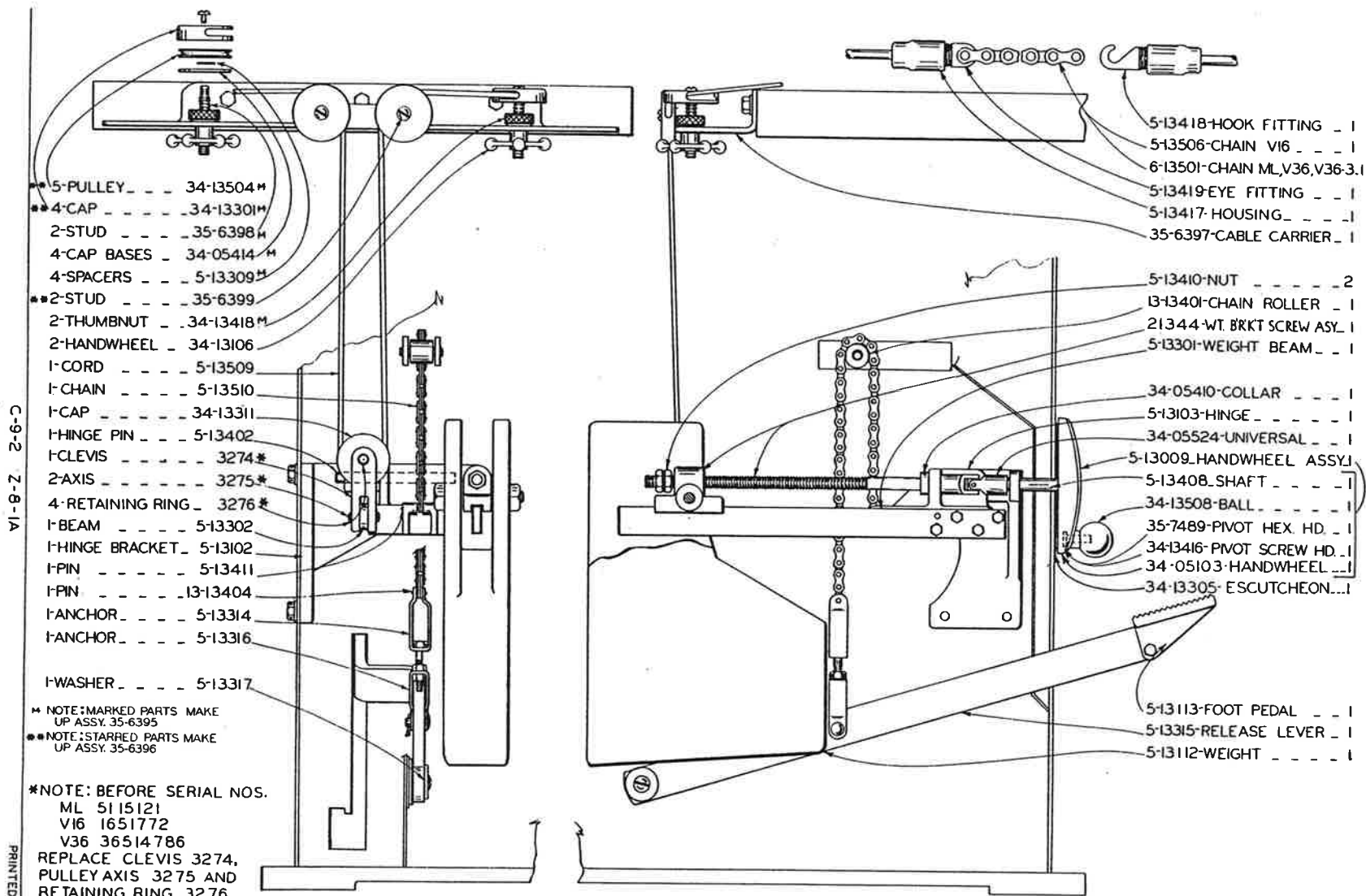
C-9-1 Z-8-1

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POWER FEED ASSEMBLY—MODELS V16, ML, & V36—5-13006

MODEL	FIRST MACH	LAST MACH
ML	3801	4813605
V16	3801	1648485
V36	363949	36484345



C-9-2 Z-8-1A
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- 5-PULLEY _ _ _ 34-13504 M
- 4-CAP _ _ _ 34-13301 M
- 2-STUD _ _ _ 35-6398 M
- 4-CAP BASES _ 34-05414 M
- 4-SPACERS _ _ 5-13309 M
- 2-STUD _ _ _ 35-6399
- 2-THUMB NUT _ 34-13418 M
- 2-HANDWHEEL _ 34-13106
- 1-CORD _ _ _ 5-13509
- 1-CHAIN _ _ _ 5-13510
- 1-CAP _ _ _ 34-13311
- 1-HINGE PIN _ _ 5-13402
- 1-CLEVIS _ _ _ 3274 *
- 2-AXIS _ _ _ 3275 *
- 4-RETAINING RING _ 3276 *
- 1-BEAM _ _ _ 5-13302
- 1-HINGE BRACKET _ 5-13102
- 1-PIN _ _ _ 5-13411
- 1-PIN _ _ _ 13-13404
- 1-ANCHOR _ _ _ 5-13314
- 1-ANCHOR _ _ _ 5-13316
- 1-WASHER _ _ _ 5-13317

• NOTE: MARKED PARTS MAKE UP ASSY. 35-6395

• NOTE: STARRED PARTS MAKE UP ASSY. 35-6396

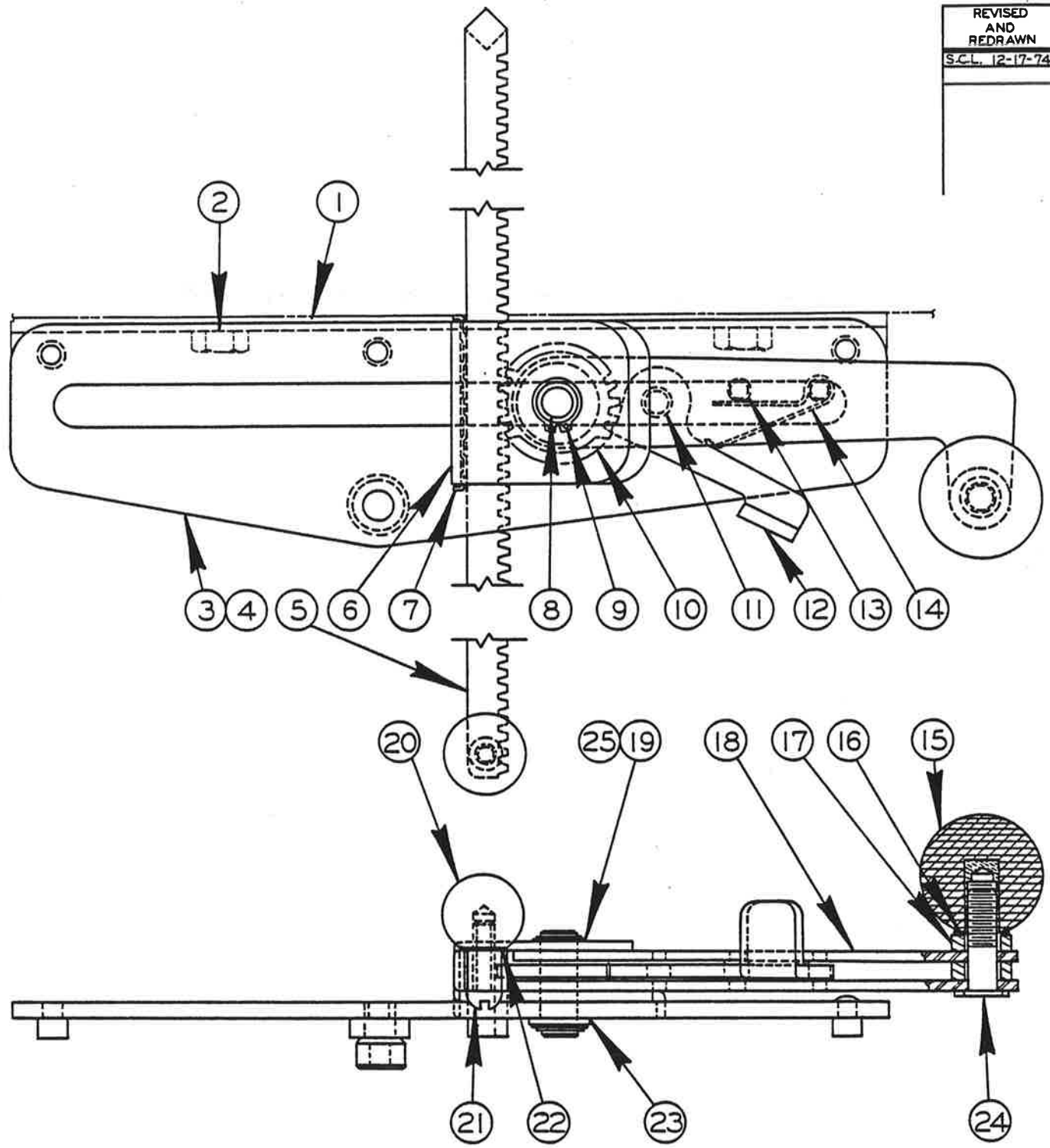
*NOTE: BEFORE SERIAL NOS.
ML 5115121
V16 1651772
V36 36514786
REPLACE CLEVIS 3274,
PULLEY AXIS 3275 AND
RETAINING RING 3276,
TOGETHER.

- 5-13418-HOOK FITTING _ 1
- 5-13506-CHAIN V16 _ _ 1
- 6-13501-CHAIN ML,V36,V36-3.1
- 5-13419-EYE FITTING _ _ 1
- 5-13417-HOUSING _ _ _ 1
- 35-6397-CABLE CARRIER _ 1
- 5-13410-NUT _ _ _ _ 2
- 13-13401-CHAIN ROLLER _ 1
- 21344-WT. BRKT SCREW ASSY. 1
- 5-13301-WEIGHT BEAM _ _ 1
- 34-05410-COLLAR _ _ _ 1
- 5-13103-HINGE _ _ _ _ 1
- 34-05524-UNIVERSAL _ _ 1
- 5-13009-HANDWHEEL ASSY. 1
- 5-13408-SHAFT _ _ _ _ 1
- 34-13508-BALL _ _ _ _ 1
- 35-7489-PIVOT HEX. HD. _ 1
- 34-13416-PIVOT SCREW HD. 1
- 34-05103-HANDWHEEL _ _ 1
- 34-13305-ESCUTCHEON... 1
- 5-13113-FOOT PEDAL _ _ 1
- 5-13315-RELEASE LEVER _ 1
- 5-13112-WEIGHT _ _ _ _ 1

POWER FEED ASSEMBLY-MODELS ML, V16 V36 & V36-3 - 5-13006

MODEL	FIRST MACH	LAST MACH
ML	4813606	5413353
V16	1648486	408000
V36	36484346	3653628
V36-3	37-51101	37-53204

REVISED
AND
REDRAWN
S.C.L. 12-17-74



RATCHET TABLE FEED ASSEMBLY

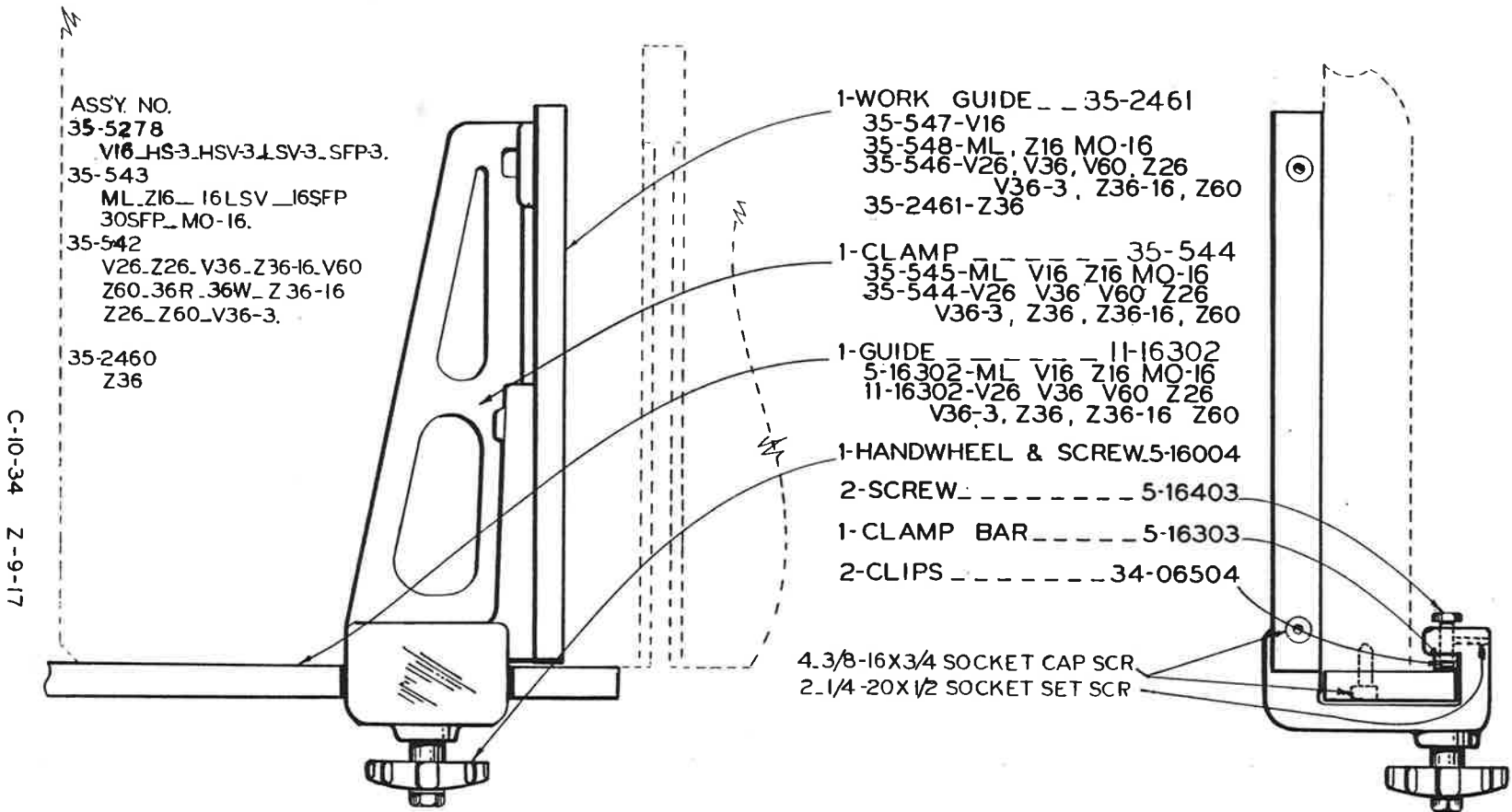
C-10-20 CM-9-7 Z-10-2

PRINTED IN USA

RATCHET TABLE FEED ASSEMBLY

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	090-429788	Table Feed Assembly	
1	090-429770	. Table Feed Bracket	1
2	091-980433	. Screw, Hex. Hd. Cap 3/8-16NC x 5/8	2
3	090-400615	. Table Feed Assembly	1
4	090-408253	. . Base Plate Assembly	1
5	090-200973	. . Rack Weldment	1
6	090-013434	. . Bracket	1
7	090-013491	. . Spring	1
8	090-013442	. . Center Pin	1
9	135-096139	. . Retaining Ring	2
10	090-013459	. . Gear	1
11	090-013327	. . Spacer Pin	1
12	090-013467	. . Thumb Lever	1
13	090-013319	. . Spacer Pin	2
14	090-013509	. . Spring	1
15	134-135086	. . Knob	1
16	091-993584	. . Washer, Lock 3/8 Shakeproof Int.	1
17	090-013426	. . Spacer	2
18	090-013475	. . Arm	2
19	091-334805	. . Shim	1
20	091-339713	. . Knob	1
21	091-988980	. . Screw, Rd. Hd. Mach. 1/4-20NC x 7/8	1
22	091-993568	. . Washer, Lock 1/4" Shakeproof Internal	1
23	090-055591	. . Washer, Flat	1
24	090-044173	. . Screw	1
25	091-334813	. . Shim	1

* NOTE: BEFORE 4-26-43 CLAMP & WORK GUIDE
MUST BE REPLACED AT THE SAME TIME.



ASSY. NO.
35-5278
V16_HS-3_HSV-3_LSV-3_SFP-3.
35-543
ML_Z16_16LSV_16SFP
30SFP_MO-16.
35-542
V26_Z26_V36_Z36-16_V60
Z60_36R_36W_Z36-16
Z26_Z60_V36-3.
35-2460
Z36

1-WORK GUIDE _ _ 35-2461
35-547-V16
35-548-ML, Z16 MO-16
35-546-V26, V36, V60, Z26
V36-3, Z36-16, Z60
35-2461-Z36
1-CLAMP _ _ _ 35-544
35-545-ML V16 Z16 MO-16
35-544-V26 V36 V60 Z26
V36-3, Z36, Z36-16, Z60
1-GUIDE _ _ _ 11-16302
5-16302-ML V16 Z16 MO-16
11-16302-V26 V36 V60 Z26
V36-3, Z36, Z36-16 Z60
1-HANDWHEEL & SCREW.5-16004
2-SCREW _ _ _ _ 5-16403
1-CLAMP BAR _ _ _ 5-16303
2-CLIPS _ _ _ _ 34-06504

4.3/8-16X3/4 SOCKET CAP SCR
2-1/4-20X1/2 SOCKET SET SCR

C-10-34 Z-9-17

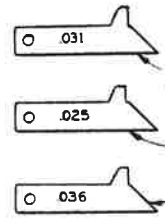
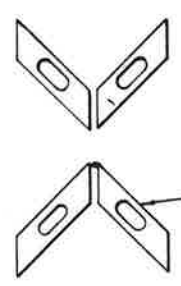
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FIRST USED IN 1939
LAST USED 1960

RIP FENCE ASSEMBLY
E-7 & 8

REVISIONS
10-8-67

- SAW GUIDE INSERT-1/16"-1/2" ASSY-4141
- SAW GUIDE INSERT-1/16"-1" ASSY-4140
- 1/16" SAW GUIDE INSERT _ 4499
- 3/32" SAW GUIDE INSERT _ 4498
- 1/8" SAW GUIDE INSERT _ 4497
- 3/16" SAW GUIDE INSERT _ 4496
- 1/4" SAW GUIDE INSERT _ 4495
- 3/8" SAW GUIDE INSERT _ 3960
- 1/2" SAW GUIDE INSERT _ 3959
- 5/8" SAW GUIDE INSERT _ 3958
- 3/4" SAW GUIDE INSERT _ 3957
- 1" SAW GUIDE INSERT _ 3956



- 13-08303-INSERT GAGE
- 34-08320-INSERT GAGE
- 13-08307-INSERT GAGE

CAP SCREWS
 1/4-20X3/4"

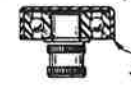
34-08502
 WASHERS

OBLIQUE SAW GUIDE BEARING ASSEMBLY
34-08012

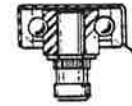
5/8 TO 1" SAW GUIDE BEARING ASSEMBLY
13-08002

1/8 TO 1/2 SAW GUIDE BEARING ASSEMBLY
34-08009

ALLEN WRENCH
 34-08503



34-08309
CAP



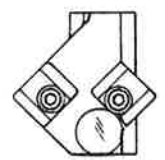
13-08304
CAP



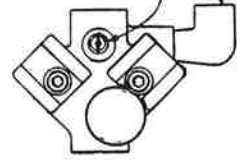
34-08309
CAP

ELBOW-5-04520
PIN---35-455

ELBOW-5-04520
PIN---35-451



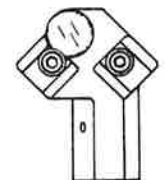
34-08008
OBLIQUE UPPER
SAW GUIDE ASSY.



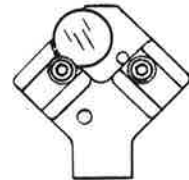
* 35-456
5/8 TO 1" UPPER
SAW GUIDE ASSY



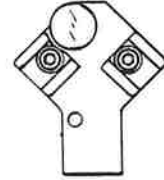
35-453
1/8 TO 1/2 UPPER
SAW GUIDE ASSY.



34-08013-LOWER
SAW GUIDE ASSY.



* 13-08006-LOWER
SAW GUIDE ASSY.



34-08005- LOWER
SAW GUIDE ASSY.

NOTE: FOR SPIRAL GUIDES ORDER COMPLETE ASSY #28280-UPPER
*28281-LOWER

NOTE: 35-456 & 13-08006 NOT AVAILABLE FOR MODELS HS, HSV, LHV, SFP.

MODELS HS, HSV, LHV, SFP, ML, V16, V26, V36, V36-3 SAW GUIDES

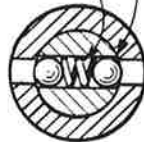
MODEL	FIRST MACH.	LAST MACH
LHV-SFP	27-51410	27-541185
LHV-SFP	79-54101	79-582112
ML	3801	54183583
V16	3801	16531101
V26	263951	26532023
V36	363949	36535628
V36-3	37-51101	37-53204
V60	604050	6052142

C-7-1 Z-6-1

*NOTE: BEFORE 5-1-42 COMPLETE SWIVEL ASSEMBLY MUST BE REPLACED.

2-STEEL BALLS - - - 5-03502

1- SPRING 5-03501



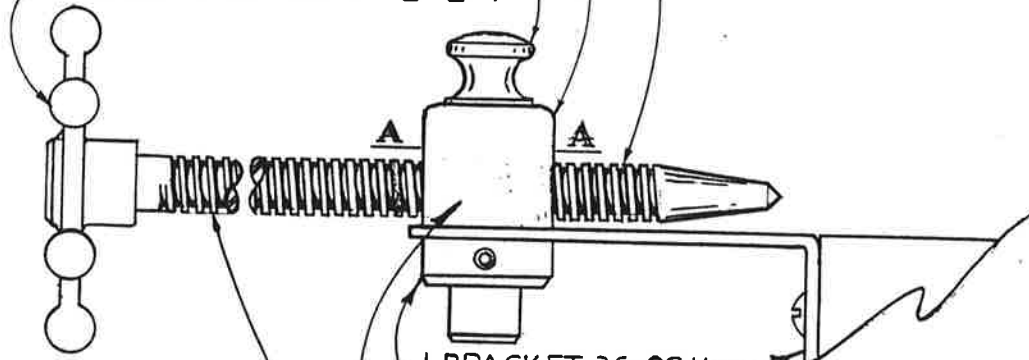
SECTION
AA

1-SCREW [13"- 34-03403
17"- 11-03401]

* 1-SWIVEL - - - - - 5-03401

* 1-KEY 5-03402

34-03106-HANDWHEEL - - - 1



1-BRACKET-35-6211

11-28418-COLLAR-1

35-5224-SWIVEL ASS'Y.-1

SCREW & HANDWHEEL ASS'Y. - - - 1

[5-03004-13"LONG, USE WITH 24"TABLE]
[11-03007-17"LONG, USE WITH 30"TABLE]

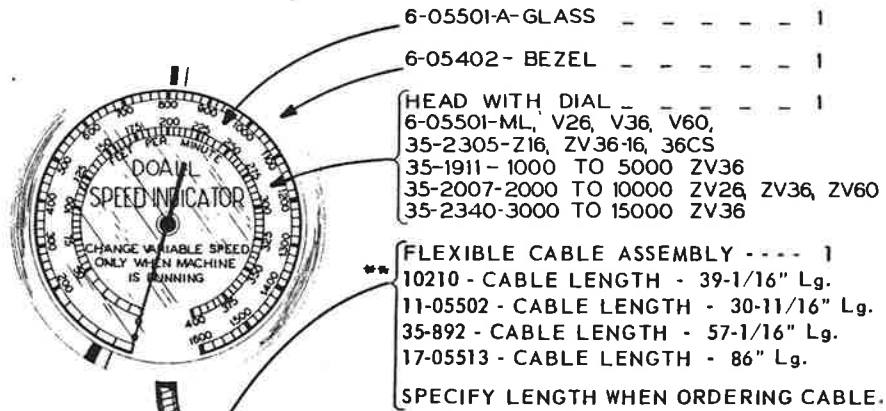
FILLER PLATE MOUNTING
SWIVEL & SCREW ASS'Y.
WITH 13" LONG SCREW-5-03001
WITH 17" LONG SCREW-35-5442
TABLE BRACKET MOUNTING
COMPLETE ASS'Y.-35-6212

5-03001 - - 35-5442
SCREW FEED

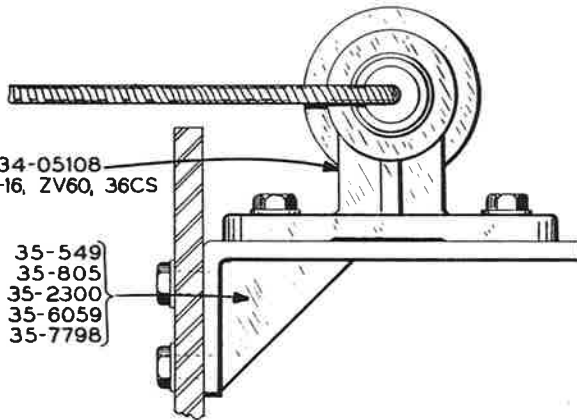
FIRST UNIT 4-11-38
LAST UNIT 12-31-59

C-10-17 CM-9-6
Z-10-1

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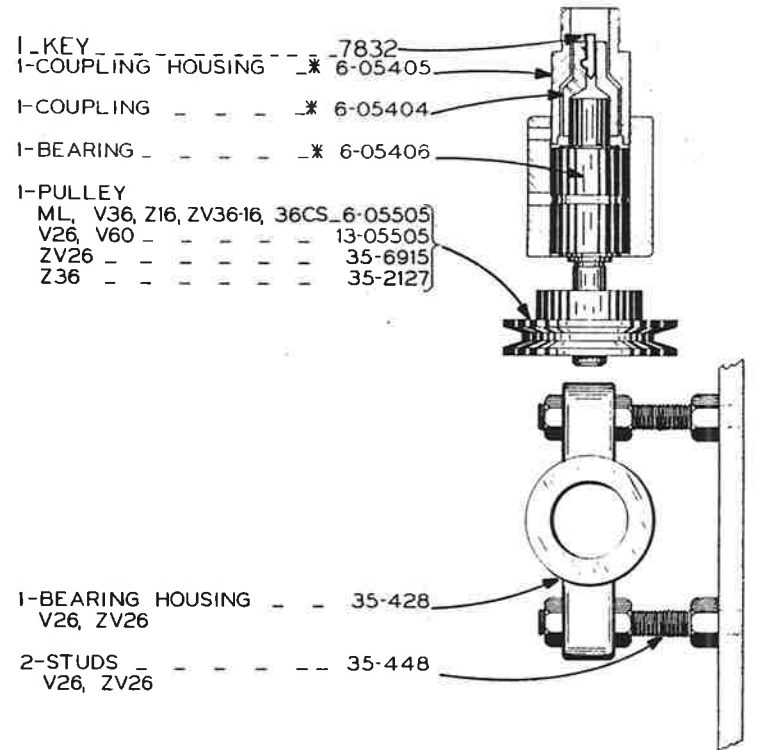


- 1-BEARING HOUSING - - - - 34-05108
 V36, V60, Z16, ZV36, ZV36-16, ZV60, 36CS
 1-MOUNTING BRACKET
 ML, V36 - - - - - 35-549
 V60 - - - - - 35-805
 Z16, ZV36-16, 36CS - - - - 35-2300
 ZV26 - - - - - 35-6059
 ZV60 - - - - - 35-7798



MODEL	LAST MACHINE
ML - - - - -	5418353
V26 - - - - -	26512 4 20
V36 - - - - -	36535628
V60 - - - - -	6051125
Z16 - - - - -	5316402
ZV26 - - - - -	5026110
ZV36-16 - - - - -	5336145
ZV60 - - - - -	6009053
36CS - - - - -	54087
ZV36 - - - - -	5336145

- 1-KEY - - - - - 7832
 1-COUPLING HOUSING - * 6-05405
 1-COUPLING - - - - * 6-05404
 1-BEARING - - - - * 6-05406
 1-PULLEY
 ML, V36, Z16, ZV36-16, 36CS - 6-05505
 V26, V60 - - - - - 13-05505
 ZV26 - - - - - 35-6915
 Z36 - - - - - 35-2127

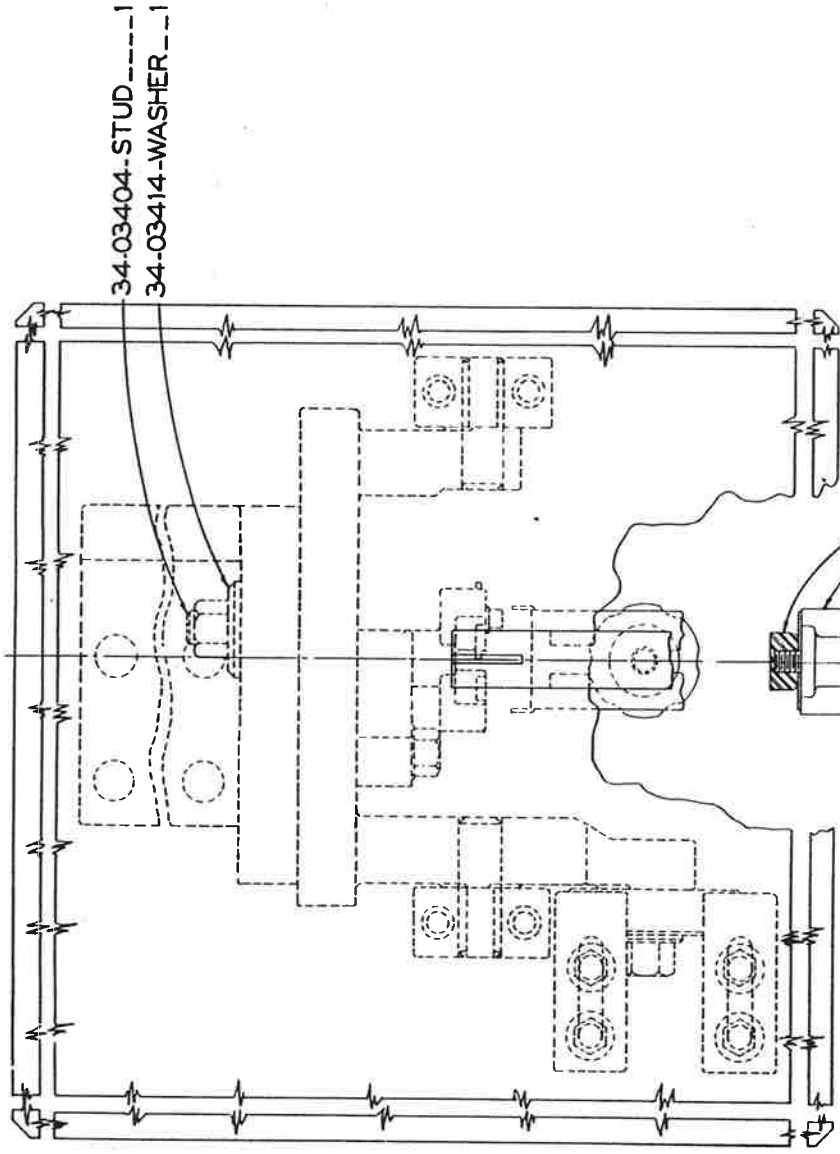


* NOTE: ON MACHINES SHIPPED BEFORE 11-1-42 PARTS 6-05404, 6-05405 & 6-04506 MUST BE REPLACED AT THE SAME TIME.

** ORDER 7832 KEY WHEN ORDERING CABLE ASSEMBLY...

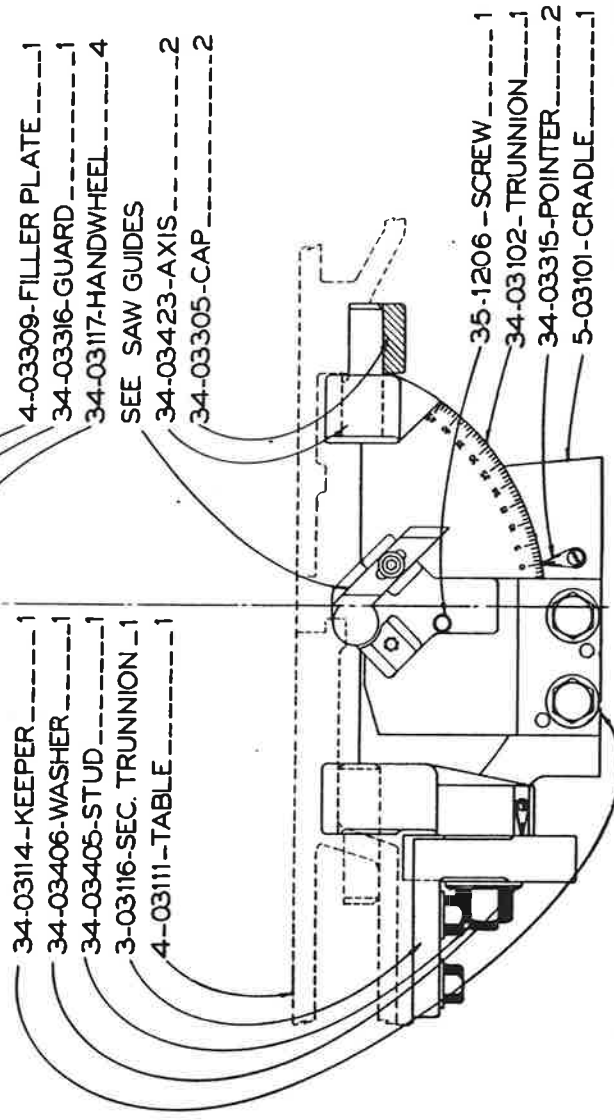
SPEED INDICATOR ASSEMBLY

FIRST, MACHINE 4-11-38



- 34-03114-KEEPER---1
- 34-03406-WASHER---1
- 34-03405-STUD---1
- 3-03116-SEC. TRUNNION_1
- 4-03111-TABLE---1

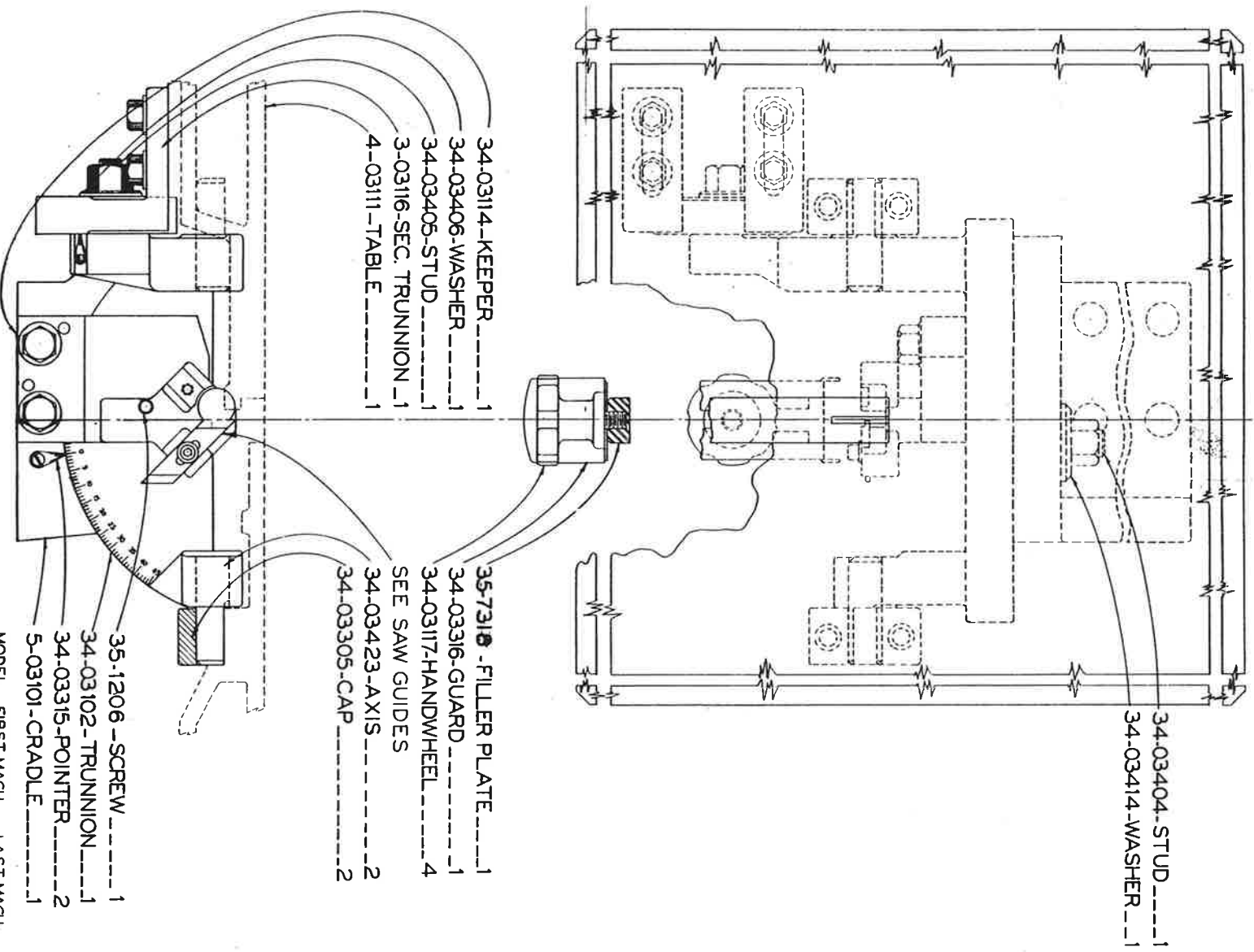
- 4-03309-FILLER PLATE---1
- 34-03316-GUARD---1
- 34-03117-HANDWHEEL---4
- SEE SAW GUIDES
- 34-03423-AXIS---2
- 34-03305-CAP---2



ML & Z-16
TABLE AND TRUNNION ASSEMBLY
C-3-2 Z-3-1

First Mech. 3801
ML Z-16 4505116
Last Mech. 4712768
4725616

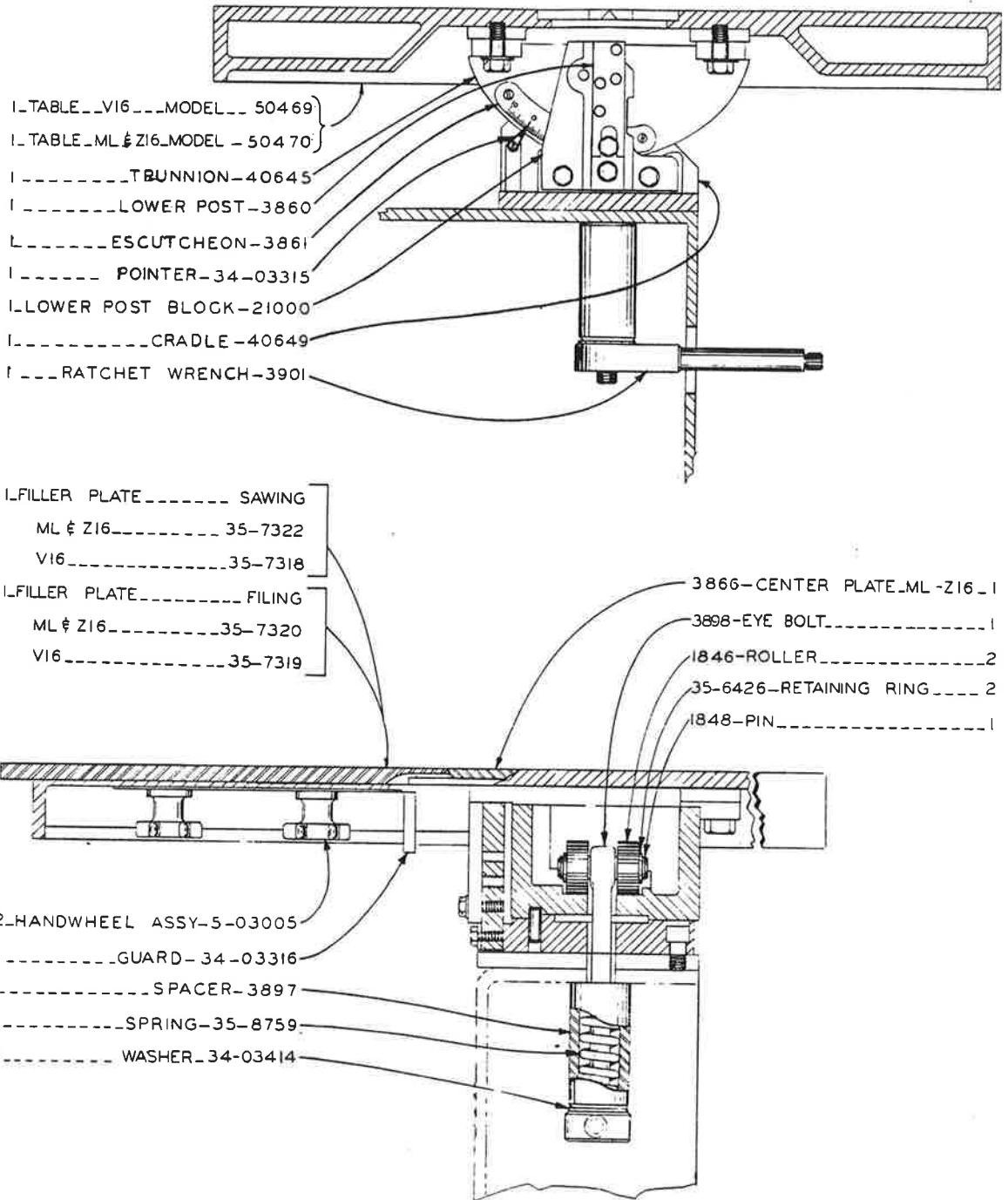
ML & Z-16



ML & Z-16
 C-3-3 Z-3-2
TABLE AND TRUNNION ASSEMBLY

MODEL	FIRST MACH.	LAST MACH.
ML Z-16	4712769	5116030
Z-16	4725716	5116335

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MODEL VI6 ML & Z-16
STANDARD TABLE & TRUNNION ASSEMBLY

MODEL	FIRST MACH.	LAST MACH.
V-16	1651821	48399
M L	5115526	5418353
Z-16	5116336	5316402

C-3-23 Z-3-16

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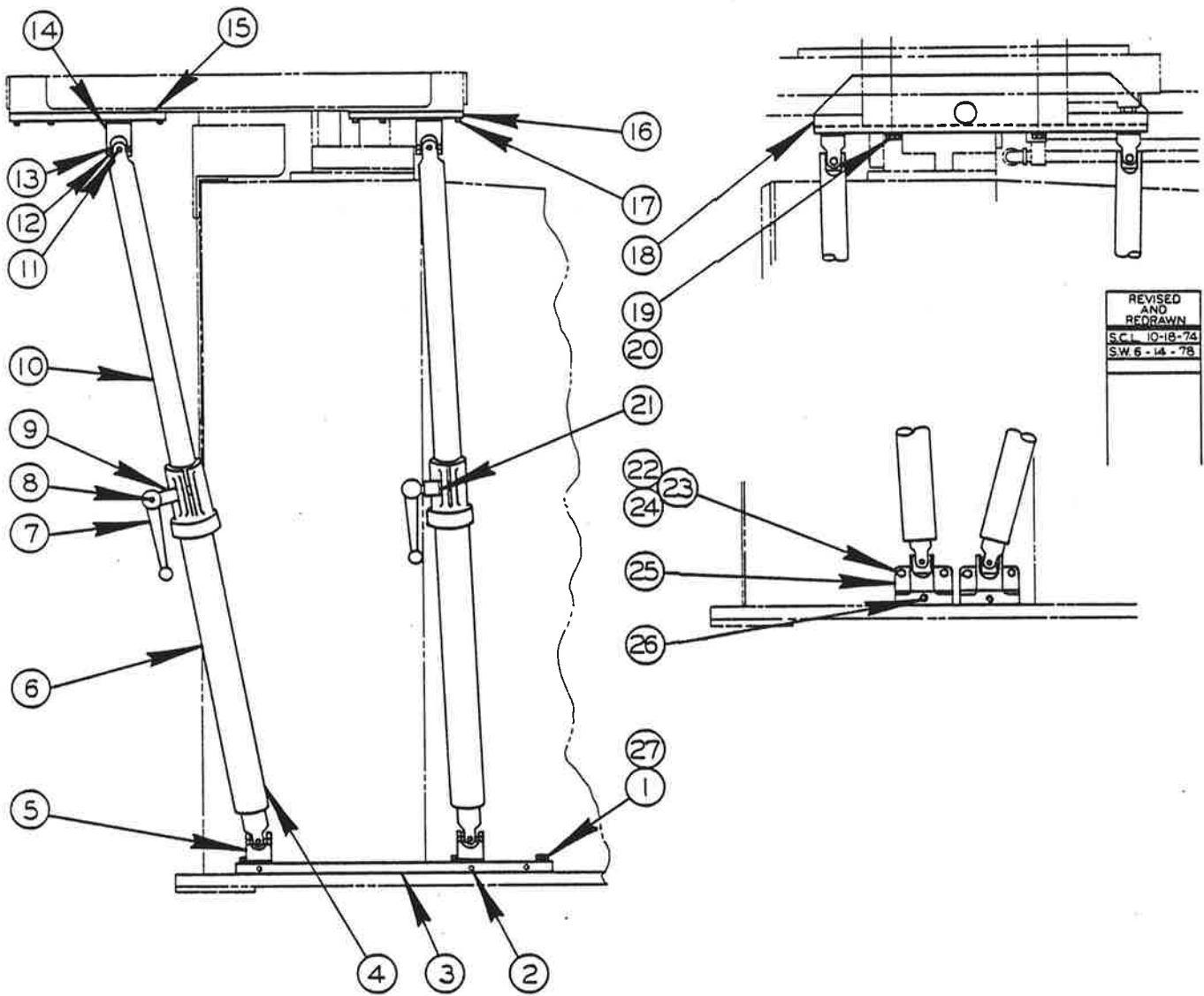


TABLE SUPPORT ASSEMBLY

TABLE SUPPORT ASSEMBLY

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
*Ref.	090-554361	Table Support Assembly (1612, 3612, 1612-0, 3613-0, 1612-1, 2612-1, 3613-1, 1613-2, 3613-2, HS6013, 2013-1, 2013-10, 2012-1A, 2012-1AT)	
*Ref.	090-508268	Table Support Assembly (1611-H, 1612-H, 3612-H, 2612-H, 2612-1H, 2612-2H, 1612-3, 3612-3, 2012-1H, 2012-1H3, 2612-1H3, 2614-1)	
*Ref.	090-512161	Table Support Assembly (2613-2, 6013-2)	
*Ref.	090-529926	Table Support Assembly (2613-3, 6013-3, 6013-H3)	
*Ref.	117-030031	Table Support Assembly (Zephyrs, ZS-3620, ZV-3620, ZW-3620)	
1	091-980466	. Screw, Hex. Hd. Cap 3/8-16NC x 1	Use
2	091-984104	. Screw, Soc. Hd. Set #10-24NC x 1/4	One
3	090-295924	. Plate	1
*4	135-052397	. Table Support and Rod Assembly	2
5	135-008779	. . Universal Joint	1
6	135-052389	. . Table Support Tube Sub-Assembly	1
7	117-031054	. . Lock Lever	1
8	090-042599	. . Roll Pin	1
9	117-034066	. . Lock Shaft	1
10	117-034041	. . Support Rod	1
11	091-331850	. . Universal Joint Pin	2
12	091-331835	. . Universal Joint Swivel	2
13	091-331843	. . Universal Joint Swivel Pin	2
14	093-026789	. . Universal Joint Threaded End	1
15	090-304403	. Left Table Support Plate (Used on Assembly #090-554361) ...	1
16	090-304411	. Right Table Support Plate (Used on Assembly #090-554361) ..	1
17	091-982207	. Screw, Soc. Hd. Cap #10-24NC x 1/2	8
18	090-222977	. Angle Bracket (Used on Assembly #090-508268)	1
19	091-980441	. Screw, Hex. Hd. Cap 3/8-16NC x 3/4	2
20	091-992644	. Washer 3/8" Std.	6
21	091-322875	. Spacer Option List	A.R.
	135-077089	. Spacer (Used only on Assembly #090-512161)	A.R.
22	091-980458	. Screw, Hex. Hd. Cap 3/8-16NC x 7/8	4
	091-980466	. Screw, Hex. Hd. Cap 3/8-16NC x 1	4
23	091-991265	. Nut, Hex. 3/8-16NC	4
24	091-992644	. Washer 3/8" Std.	4
	091-993329	. Washer, Lock 3/8" Std.	4
25	117-031047	. Bottom Bracket	2
26	091-984237	. Screw, Soc. Set 1/4-20NC x 5/16	2
27	091-993329	. Washer, Lock 3/8" Std.	A.R.
	091-992685	. Washer 3/4" Std.	2

*NOTE: All Table Support Assemblies use Table Support and Rod Sub-Assembly #135-052397. However, Different Upper and Lower Connecting Brackets are Used. Locate on the Drawing the Brackets Used on Your Machine.

- 1-TIRE _____ 5-01502
- 1-WHEEL _____ 5-04110
- 1-HOUSING _____ 35-551
- 1-GASKET _____ 5-04311
- 1-YOKE _____ 6-04103
- 1-COVER _____ 5-04109
- 1-GEAR (A) _____ 6-04421
- 1-SPACER _____ 5-04305
- 1-GASKET _____ 5-04308
- AS
REQ SPACER _____ 5-04304
- 1-KEY _____ 5-04604
- 1- SHAFT _____ 6-04504
- 1-BEARING _____ 5-04507
- * SKF _____ 5-04507
- NORMA HOFFMAN _____ 35-3907
- NDWC.8506 OR HOOVER.5762
- 1- COVER _____ 5-04315
- * FOR SKF BEARING _____ 5-04315
- FOR NORMA HOFFMAN _____ 35-2759
- BEARING _____ 35-2759
- FOR NDWC.8506 OR HOOVER.4056
- 2-KEY _____ 6-04305
- 1-CLUTCH _____ 6-04505
- 1-GEAR (B) _____ 6-04423
- 1 BEARING _____ 5-01501
- 1-PINION (A) _____ 5-04421
- 2-KEY _____ 5-04602
- 1-GEAR (B) _____ 6-04424
- 1-COLLAR _____ 6-04425
- 1-GEAR (C) _____ 5-04424

- 17-13521-ELBOW _____ 1
- 6-04426-SHAFT _____ 1
- 5-04518-BUSHING _____ 1
- 5-04307-SPACER _____ AS
REQ
- 5-04306-SPACER _____ AS
REQ
- 5-04414-SPACER _____ 1

- 6-04306-PLATE _____ 1
- 6-04409-STUD _____ 1
- 6-04307-BRACKET _____ 1
- 34-13508-KNOB _____ 1
- 6-04412-LOCK _____ 1
- 6-04403-LEVER _____ 1
- 6-04410-SHAFT _____ 1
- 6-04308-SPRING _____ 1
- 6-04415-COLLAR _____ 1
- 6-04406-BUSHING _____ 1
- 6-04404-ECCENTRIC _____ 1
- 6-04302-SEGMENT _____ 1
- 6-04313-SPRING _____ 1
- 6-04303-BRACKET _____ 1

- 5-04602-KEY _____ 1
- 6-04509-SHEAVE _____ 1
- 5-04422-PINION (C) _____ 1
- 5-04302-COVER _____ 1
- 5-04508-BEARING _____ 1
- 5-04309-GASKET _____ 2
- 5-04413-SPACER _____ 1
- 5-04509-BEARING _____ 1
- 5-04312-SPACER _____ 1
- 5-04303-COVER _____ 1
- 5-04310-GASKET _____ 1
- 5-01501-BEARING _____ 1

- 1-NIPPLE _____ 5-04616
- 2-ELBOW _____ 5-04617
- 1-PLUG _____ 5-04618
- 1-NIPPLE (NOT SHOWN) _____ 35-3502

NOTE:
 ASSEMBLY SOLD LESS
 INPUT SHEAVE - 6-04509 AND
 LOWER WHEEL - 6-04110

NOTE: AB & C
 MATING GEARS MUST BE
 REPLACED AT THE SAME
 TIME.

*NOTE: 5-04316 OIL SLINGER
 USED WITH SKF 5-04507
 AND COVER 5-04315

MODEL FIRST MACH. LAST MACH.
 ML 3801 4712809

TRANSMISSION ASSEMBLY - MODEL ML - 6-04001

C-4-2

PRINTED IN USA

- 1-TIRE _____ 5-01502
- 1-WHEEL _____ 5-04110
- 1-HOUSING _____ 35-551
- 1-GASKET _____ 5-04311
- 1-SHIFTER ASY. 35-5026
- 1-COVER _____ 5-04109
- 1-GEAR (A) _____ 6-04421
- 1-SPACER _____ 5-04305
- 1-GASKET _____ 5-04308

- AS REQ SPACER _____ 5-04304
- 1-KEY _____ 5-04604

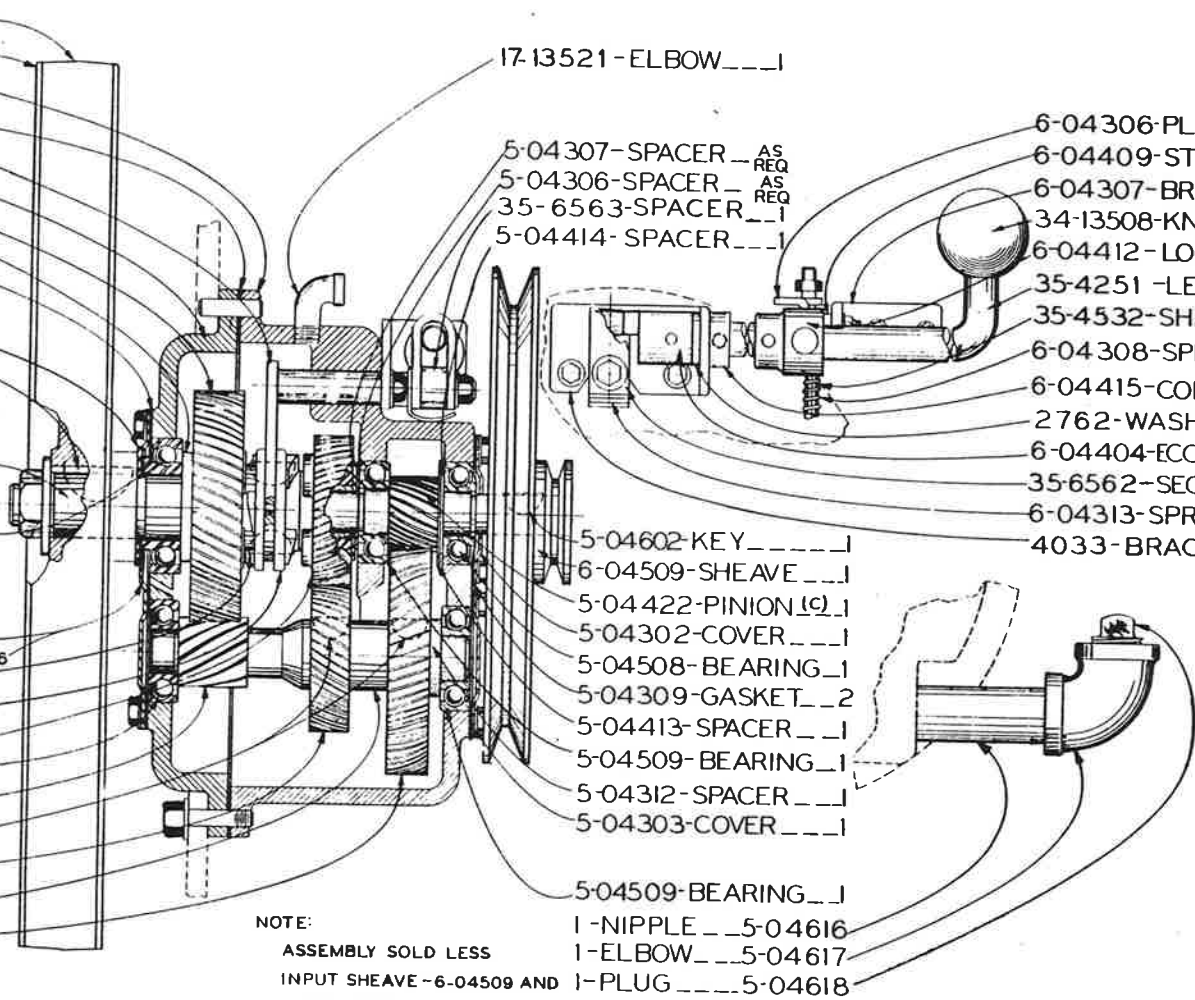
- 1- SHAFT ASSY. _____ 21788
- 1-BEARING
- * SKF _____ 5-04507
- NORMA HOFFMAN _____ 35-3907
- NDWC.8506 OR HOOVER.5762
- 1- COVER
- * FOR SKF BEARING _____ 5-04315
- FOR NORMA HOFFMAN
- BEARING _____ 35-2759
- FOR NDWC.8506 OR HOOVER.4056
- 2-KEY _____ 6-04305
- 1-CLUTCH _____ 6-04505
- 1-GEAR (B) _____ 6-04423
- 1 BEARING _____ 5-04509
- 1-PINION (A) _____ 5-04421
- 2-KEY _____ 5-04602
- 1-GEAR (B) _____ 6-04424
- 1-COLLAR _____ 6-04425
- 1-GEAR (C) _____ 5-04424

C-4-3

NOTE: AB & C
MATING GEARS MUST BE
REPLACED AT THE SAME
TIME.

*NOTE: 5-04316 OIL SLINGER
USED WITH SKF 5-04507
AND COVER 5-04315

Printed in U.S.A.



17-13521-ELBOW _____ 1

5-04307-SPACER _____ AS REQ
5-04306-SPACER _____ AS REQ
35-6563-SPACER _____ 1
5-04414-SPACER _____ 1

6-04306-PLATE _____ 1
6-04409-STUD _____ 1
6-04307-BRACKET _____ 1
34-13508-KNOB _____ 1
6-04412-LOCK _____ 1
35-4251-LEVER _____ 1
35-4532-SHAFT _____ 1
6-04308-SPRING _____ 1
6-04415-COLLAR _____ 1
2762-WASHER _____ 1
6-04404-ECCENTRIC _____ 1
35-6562-SEGMENT _____ 1
6-04313-SPRING _____ 1
4033-BRACKET _____ 1

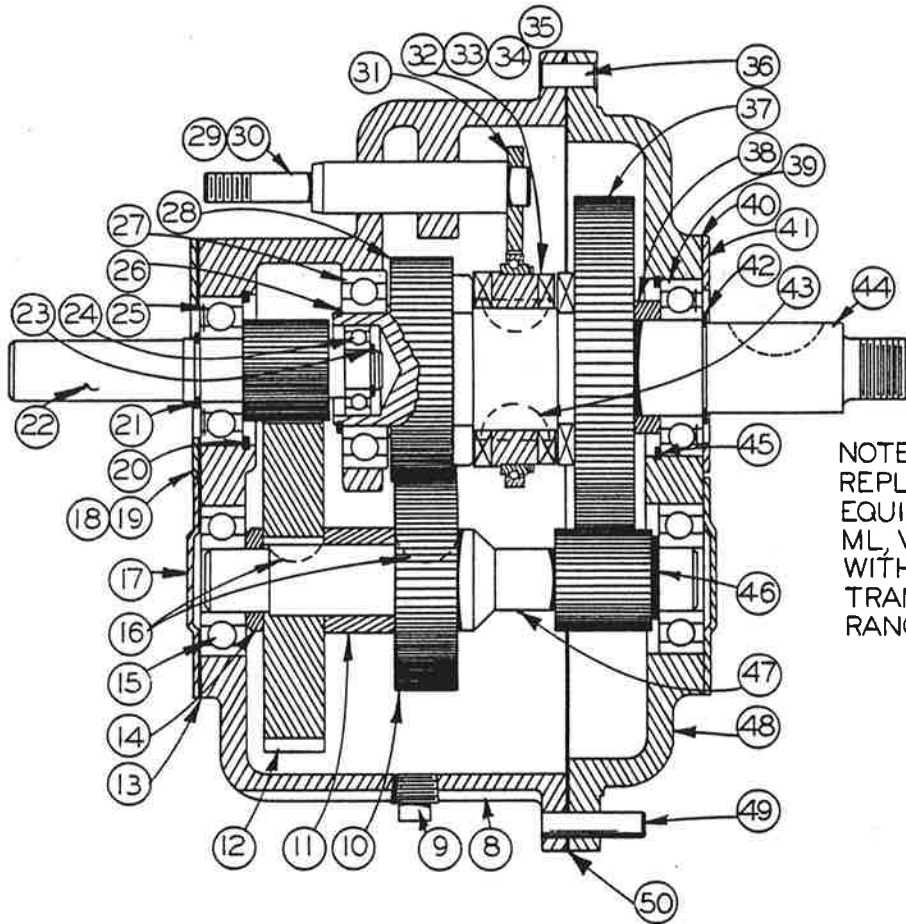
5-04602-KEY _____ 1
6-04509-SHEAVE _____ 1
5-04422-PINION (C) _____ 1
5-04302-COVER _____ 1
5-04508-BEARING _____ 1
5-04309-GASKET _____ 2
5-04413-SPACER _____ 1
5-04509-BEARING _____ 1
5-04312-SPACER _____ 1
5-04303-COVER _____ 1

5-04509-BEARING _____ 1
1-NIPPLE _____ 5-04616
1-ELBOW _____ 5-04617
1-PLUG _____ 5-04618

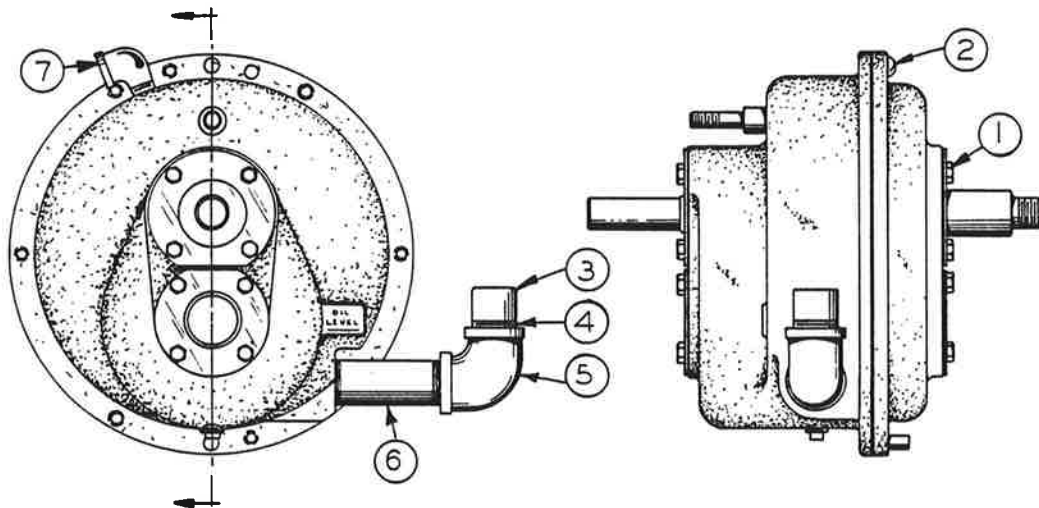
NOTE:
ASSEMBLY SOLD LESS
INPUT SHEAVE - 6-04509 AND
LOWER WHEEL - 6-04110

TRANSMISSION ASSEMBLY - MODEL ML - 6-04001

Model First Mach. Last Mach.
ML 4712810 5418353



NOTE: THIS TRANS. ASS'Y.
REPLACES ORIGINAL
EQUIPMENT ON MODELS
ML, V-36, 16-2, & 36-2
WITH A TWO SPEED
TRANS. WITH SPEED
RANGES OF 50 TO 1500.



2 SPEED TRANSMISSION ASSY

C-4-41
F-9

PRINTED IN U.S.A.

TITLE

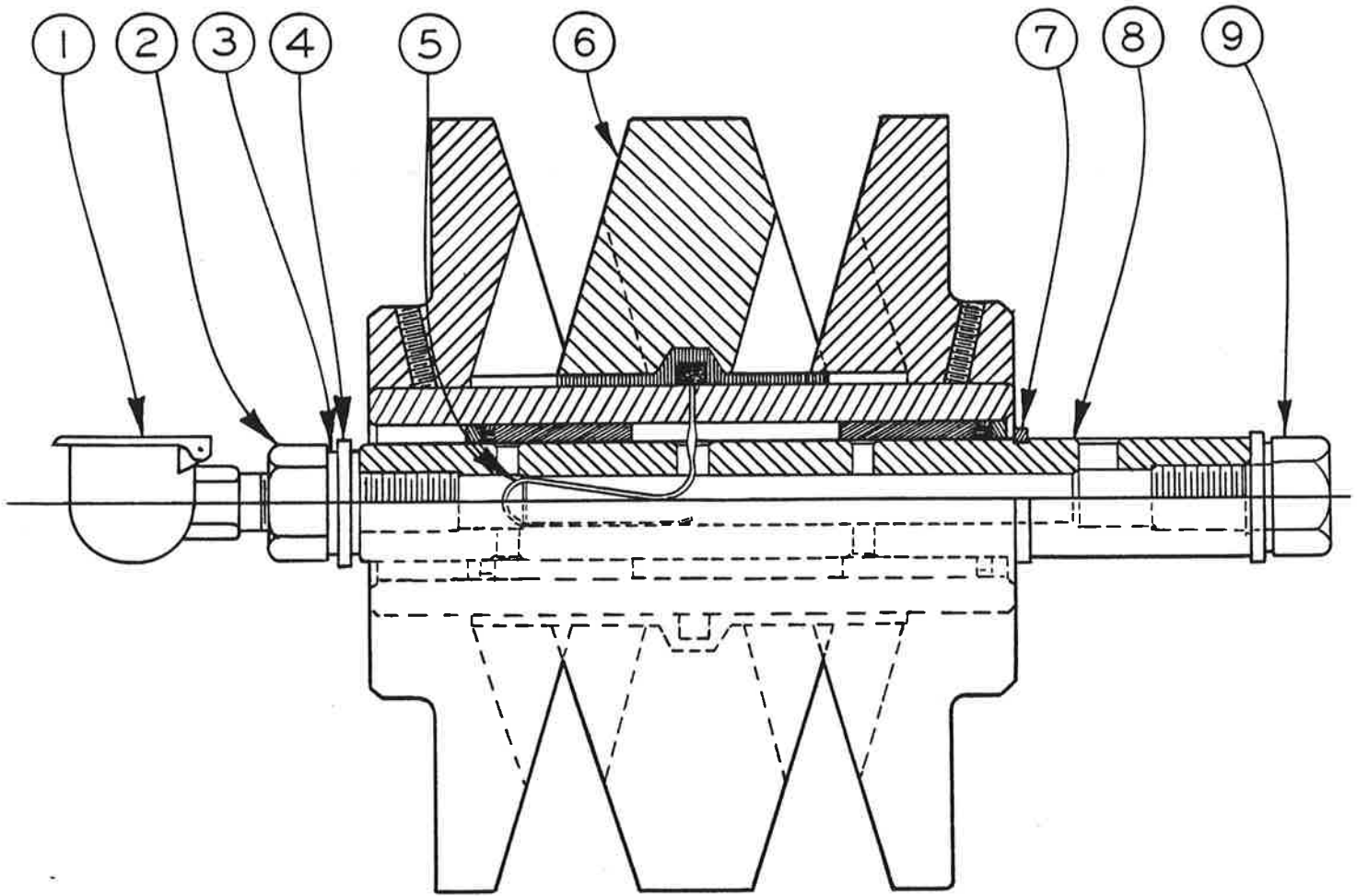
C-4-41

CODE NO.

2 SPEED TRANSMISSION ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.							
			1	2	3	4	5	6	7	
	55617	2 Speed Transmission Assembly								1
1	Comm.	. Hex. Hd. Cap Scr. 1/4-20 x 3/8								16
2	Comm.	. Fil Hd. Mach. Scr. 5/16-18 x 3/4								4
3	11069	. Pipe Cap								1
4	5905	. Nipple								1
5	5-04617	. 90° Elbow								1
6	100187	. Nipple								1
7	17-13521	. 90° St. Elbow								1
8	54871	. Transmission Case								1
9	5-04612	. Pipe Plug								1
10	6-04424	. Gear								1
11	105687	. Spacer								1
12	5-04424	. Gear								1
13	5-04309	. Gasket								2
14	103235	. Spacer								1
15	108557	. Bearing								2
16	5-04602	. Key								2
17	5-04303	. Cover								2
18	105688	. Coverplate								1
19	105689	. Gasket								1
20	35-8189	. Retaining Ring								1
21	35-8664	. Retaining Ring								1
22	31714	. Input Shaft and Pinion								1
23	105710	. Retaining Ring								1
24	105698	. Bearing								1
25	100122	. Bearing								1
26	35-7538	. Retaining Ring								1
27	2273	. Bearing								1
28	29277	. Clutch Gear								1
* 29	111449	. Shifter Fork Assembly								1
30	111446	. Shifter Shaft								1
31	111448	. Shifter Yoke Weldment								1
* 32	111451	. Shifter Clutch Assembly								1
33	48621	. Shifter Clutch								1
34	111450	. Ball Bearing								1
35	4209	. Rollpin								3
36	5-04415	. Dowel Pin								1
37	6-04421	. Clutch Gear								1
38	105686	. Spacer								1
39	105699	. Bearing								1
40	105691	. Gasket								1
41	105690	. Cover Plate								1
42	1719	. Retaining Ring								1
43	35-7192	. Key								2
44	29199	. Output Shaft								1
45	105709	. Retaining Ring								1
46	105700	. Shim								As Req.
47	29269	. Counter Shaft								1
48	47046	. Transmission Cover								1
49	5-04412	. Dowel Pin								1
50	5-04311	. Gasket								1

*NOTE Shifter Fork Assembly was #35-5026 and clutch assembly was #6-04505. To replace any obsolete part order together #111449 Shifter Fork Assembly and #111451 Shifter Clutch Assembly.



NOTE: VARIABLE ASSY # 34-05000
 REPLACES ASSY. NO'S 35-6597, 35-8015 & 43059
 COMPLETE ASSEMBLIES MUST BE ORDERED TO
 REPLACES PARTS IN ABOVE ASSEMBLIES.

MODEL FIRST MACH. LAST MACH.
 CM-16 116-57101 116-60112

***34-05000**
VARIABLE PULLEY

C-5-35 G7-4.2

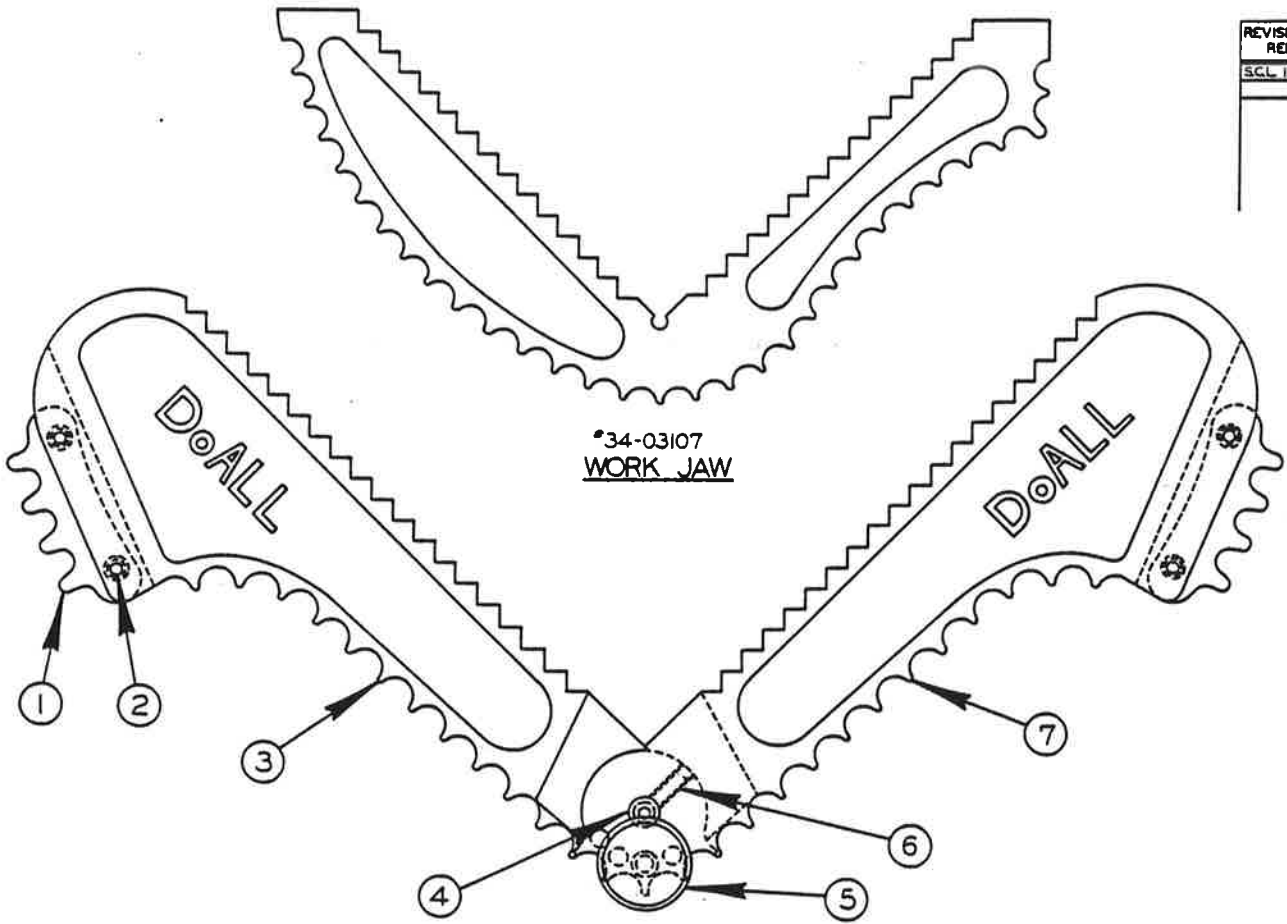
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CODE NO. C-5-35
G7-4.2

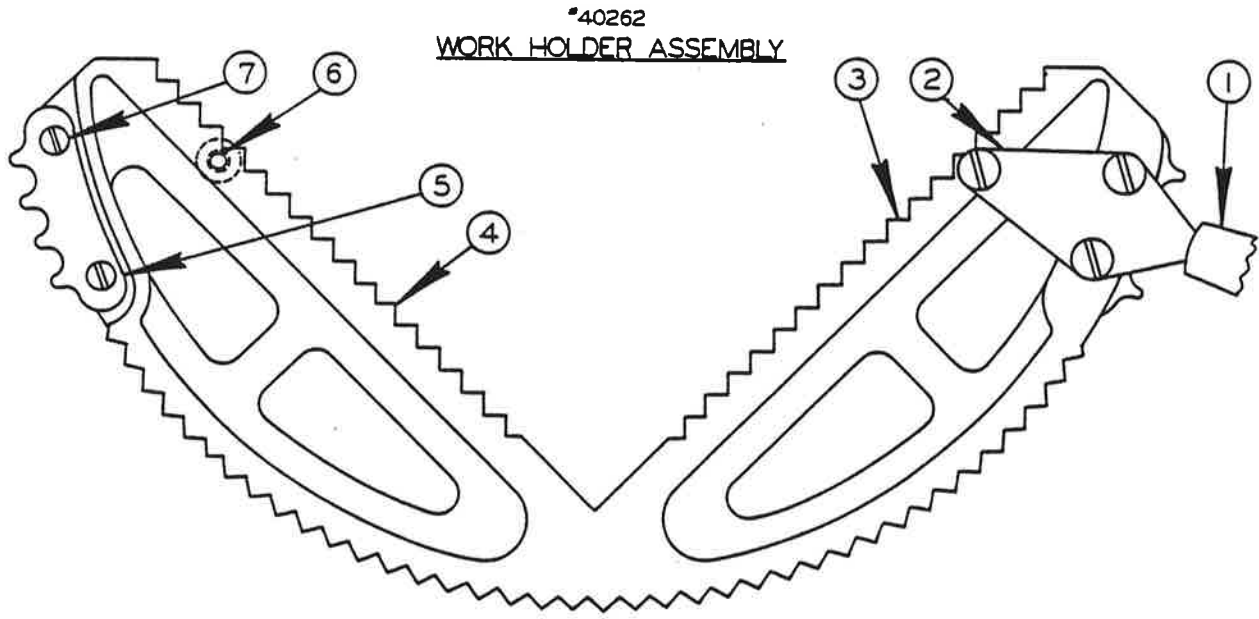
VARIABLE PULLEY ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	34-05000	Variable Pulley Assembly	
1	35-5877	. Variable Oiler.....	1
2	35-6039	. Oiler Bolt.....	1
3	34-05519	. Copper Gasket.....	3
4	35-2736	. Washer.....	2
5	34-05311	. Oil Carrier.....	1
6	45665	. Variable Sheaver Sleeve Sub-Assembly.....	1
7	34-05525	. Snap Ring.....	1
8	34-05401	. Variable Pulley Shaft.....	1
9	35-6381	. Bolt 5/8-11NC x 1.....	1

REVISED AND
REDRAWN
SCL 12-27-74



*34-03107
WORK JAW



*40262
WORK HOLDER ASSEMBLY

*5-13007
WORK HOLDING JAW ASSEMBLY

CODE NO. C-10-16
CM-9-5
Z-9-9

WORK HOLDING JAW

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
REF.	134-031079	Work Jaw	
REF.	090-402629	Work Holder Assembly	
*1	105-133136	. Sprocket	2
2	091-986984	. Screw, Fil. Hd. Mach. #10-24NC x 1/2	4
3	090-203860	. Left Arm	1
4	091-982355	. Screw, Soc. Hd. Cap 1/4-20NC x 3/8	1
5	090-021627	. Knurled Screw	1
6	091-984104	. Screw, Soc. Hd. Set #10-24NC x 1/4	2
7	090-203852	. Right Arm	1
REF.	105-130074	Work Holding Jaw Assembly	
1	105-135123	. Handle	2
2	105-133185	. Handle Bracket	2
3	090-406786	. Work Holding Jaw Sub-Assembly	1
4	105-131106	. . Work Holding Jaw	1
*5	105-133136	. . Sprocket	2
6	091-988923	. . Screw, Rd. Hd. Mach. 1/4-20NC x 5/16	6
7	091-990150	. . Screw, Truss Hd. Mach. #10-24NC x 3/8	4

*NOTE: Before 2/12/44 On Hydraulic Machines Use #106-233372 Sprocket With 3/16" Pitch, Specify Pitch Of Chain When Ordering.

