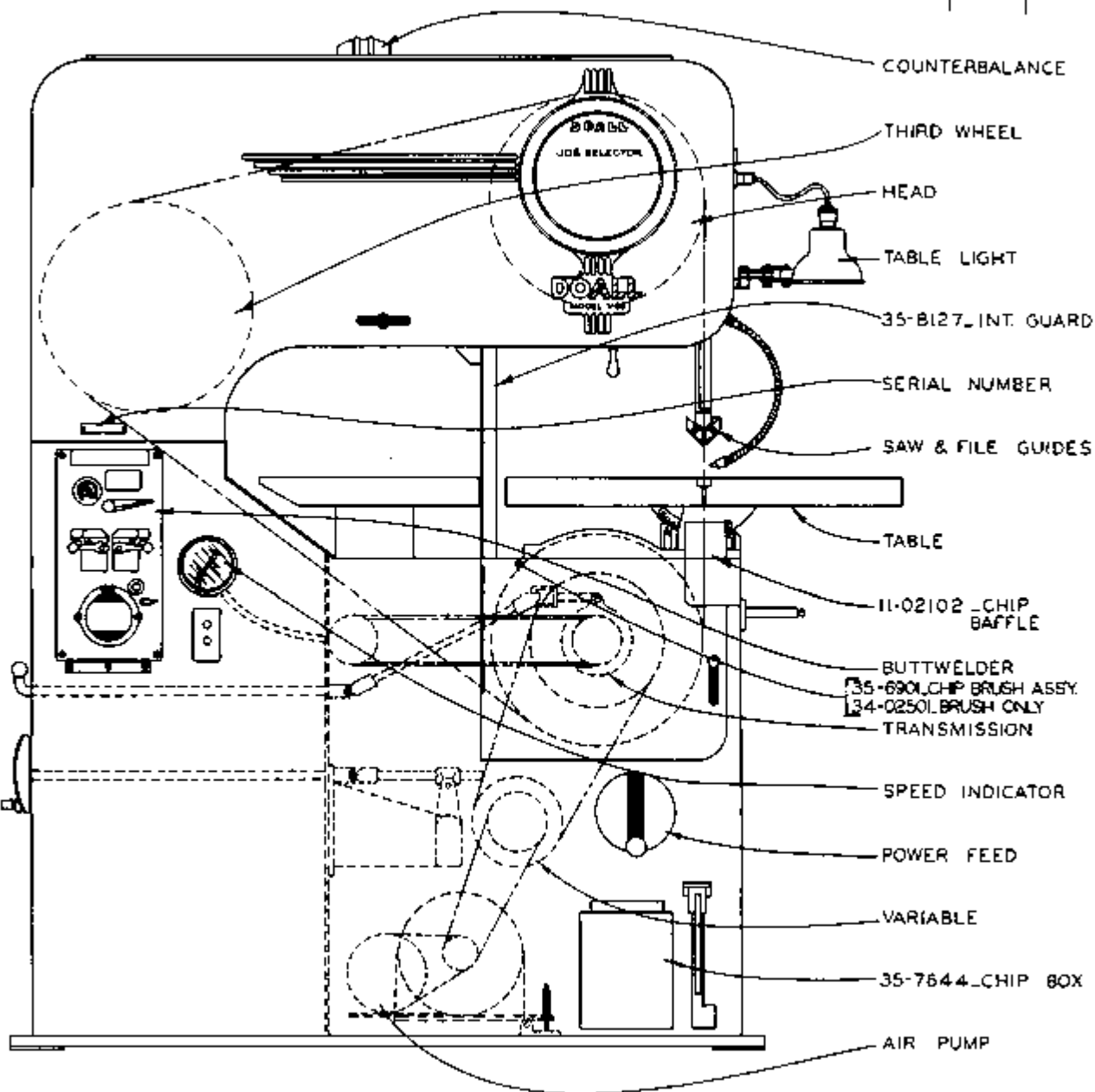


FICHE NO. A-40 CLASS Contour MODEL V-36 SERIAL NO. 363901 TO 36535628

PAGE NO.	DESCRIPTION	FIRST SERIAL	LAST SERIAL	FRAME NO.		FICHE NO.
				DWG.	P.LIST	
C-1-4	Final Assembly	ALL		A-3	A-3	
C-8-52	Air Pump	ALL		A-5&6	A-5&6	
C-9-101	Auxiliary Table, Manual	363901	to 8/31/1943	A-7	A-7	
C-7-25	Band Filer	ALL		A-9&10	A-9&10	
C-7-25	Band Polisher	ALL		A-9&10	A-9&10	
H1-19.0	Blade Shear	See Buttwalder		F-9	F-10	H-2
C-1-4	Chip Brush	ALL		A-3	A-3	
C-10-21	Coolant	ALL		A-11	A-11	
C-10-7	Cutoff Attach. #1 All Purpose	ALL		A-13	A-14	
C-10-8	Cutoff Attach. #2 Side Mount	363901	to 3/15/51	B-1&2	B-1&2	
C-10-28	Cutoff Attach. #2 Side Mount	3/15/51	to END	B-3	B-4	
C-10-1	Disc Cutter	363901	to 8/1/1944	B-5&6	B-5&6	
C-10-2	Disc Cutter	8/1/1944	to END	B-7	B-8	
C-1-51	Door Handles & Latches	ALL		B-9	B-9	
C-1-51	Door Counterbalance	ALL		B-9	B-9	
C-5-10	Drive	363901	to 36463909	B-11&12	B-11&12	
C-5-11	Drive	36463910	to END	B-13&14	B-13&14	
H1-20.0	Etching Pencil	See Buttwalder		F-11	F-12	H-2
C-10-18	Filing Fixture for Small Parts	ALL		C-1	C-1	
C-2-4	Head	363901	to 3639119	C-3&4	C-3&4	
C-2-5	Head	3639120	to 36443239	C-5&6	C-5&6	
C-2-6	Head	36443240	to 36494430	C-7&8	C-7&8	
C-2-7	Head	36494431	to END	C-9&10	C-9&10	
C-10-22	Heavy Work Clamps	ALL		C-11&12	C-11&12	
C-10-23	Heavy Work Slides	ALL		C-13	C-14	
C-9-102	Hydraulic Auxiliary Table	36432779	to 36494540	D-1&2	D-1&2	
C-9-103	Hydraulic Auxiliary Table	36494541	to END	D-3	D-3	
C-9-51	Hydraulic Contour Feed 1 of 2	3640225	to 36432778	D-4	D-4	
C-9-52	Hydraulic Contour Feed 2 of 2	3640225	to 36432778	D-5&6	D-5&6	
C-9-58	Hydraulic Contour Feed	36432779	to END	D-7&8	D-7&8	
C-9-75	Hydraulic Tank	36432779	to 8/14/52	D-9&10	D-9&10	
C-9-76	Hydraulic Tank	8/14/52	to END	D-11	D-11	
C-8-104	Job Selector	ALL		D-13	D-14	
C-8-1	Lamp	363901	to 36443009	E-1	E-1	
C-8-1A	Lamp	36443010	to 36514876	E-2	E-2	
C-8-2	Lamp	36514877	to END	E-3	E-3	
C-10-14	Magnifier	363901	to 7/1/1943	E-5&6	E-5&6	
C-10-15	Magnifier	7/1/1943	to END	E-7	E-8	
C-9-1	Power Feed, Weight Type	363901	to 36484345	E-9&10	E-9&10	
C-9-2	Power Feed, Weight Type	36484346	to END	E-11&12	E-11&12	
C-10-20	Ratchet Feed	ALL		E-13	E-14	
C-10-34	Rip Fence	ALL		F-1&12	F-1&2	
C-1-4	Saw Guard, Intermediate	ALL		A-3	A-3	
C-7-1	Saw Guides	ALL		F-3	F-3	
C-10-21	Saw Lubricator	ALL		A-11	A-11	
C-10-17	Screw Feed	ALL		F-4	F-4	
C-5-101	Speed Indicator	ALL		F-5&6	F-5&6	
C-3-5	Table & Trunnion, 4 Way Tilt	363901	to 36474074	F-7	F-7	
C-3-6	Table & Trunnion, 4 Way Tilt	36474075	to 36514877	F-8	F-8	
C-3-26	Table & Trunnion, 2 Way Tilt	36514878	to END	F-9	F-9	
C-3-7	Table, Secondary	ALL		F-10	F-10	
C-9-107	Table Supports	ALL		F-11	F-12	
C-2-23A	Third Wheel	ALL		F-13	F-13	
C-4-6	Transmission	ALL		G-1&2	G-1&2	
C-4-41	Transmission	See Note On Drawing		G-3	G-4	
C-5-35	Variable Speed Pulley	ALL		G-5	G-6	
C-4-6	Wheel, Lower	ALL		G-1&2	G-1&2	
C-2-23A	Wheel, Third	ALL		F-13	F-13	
	Wheel, Upper	See Head Assembly				
C-10-16	Work Holding Jaws	ALL		G-7	G-8	

REVISED
2-7-56
REVISED
1-7-55



MODEL -V36

- **PARTS USED BEFORE SERIAL NOS
- V-60 605128
 - V-6 1651825
 - ML 5 3875
 - V-36 26314872
 - V-26 26512426
 - Z-16 5106218
 - Z-26-16 5 36119
 - Z-60 6005851
- 4133 ADAPTER WAS 35-7312
 4385 NUT WAS 5-1-517
 4097 AIR HOSE REPLACES 6-0 502 AND 12-11504
 5-115-R BRACKET WAS 17-1301

- NOTE BEFORE THE SERIAL NOS.
- ML 4813270 V16 1648413 V26 26482019
 - V36 3648177 V60 6048117 Z16 4818271
 - Z526 4826119 Z36 4855736
 - Z36-16 4836067
- REPLACE 35-6736 WITH 5-1101 &
 REPLACE 35-6735 WITH 5-1102 OR
 REPLACE 35-6735 & 35-6736 AT THE
 SAME TIME.

CONNECTOR Z36 ONLY
 35-1496

4133 ADAPTER

4385 NUT

4097 AIR HOSE

FOR SPECIAL WORK THICKNESS MACH.
 35-1223 24" AIR HOSE.
 35-224 32" AIR HOSE.
 36-232 36" AIR HOSE.
 USE 5-405 NUTS ON SPECIALT.

I-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	2-025
**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
- 17-11505-V26
- 17-11507-V60
- 35-2807-Z36
- 3329-HS, HSV, LHV, SFP, BF

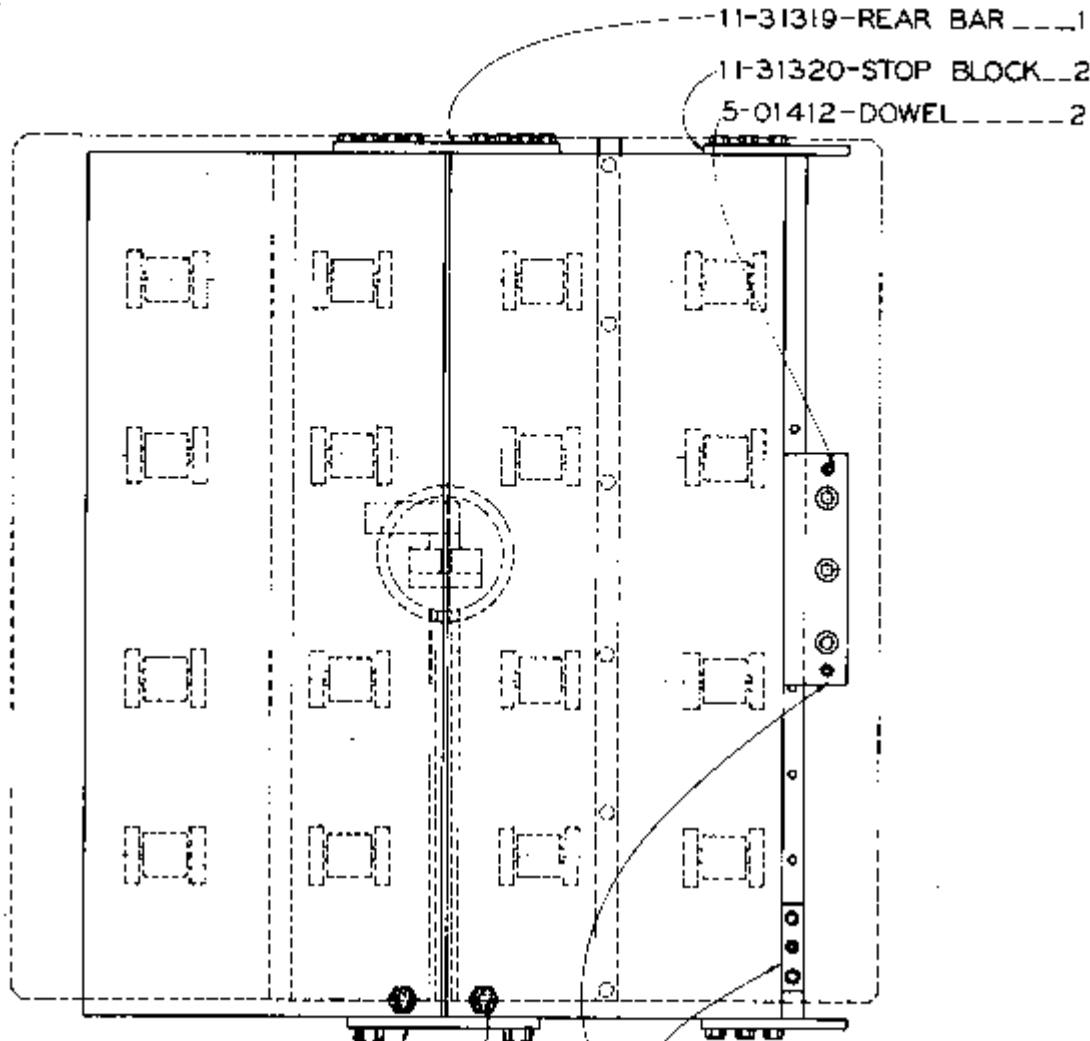
- 5-11510 BREATHER
- 35-7312 NIPPLE
- 17-13521 ELBOW
- 35-6736 BODY
- 5-1157 REDUCER
- 5-1104 ROTOR
- 5-1319 ROTOR FIN
- 5-1405 BEARING
- 35-6735 COVER
- 5-1136 PULLEY 60 CY OR
- 5-1317 PULLEY 25 & 50 CY

THIS ASSEMBLY SPECIFY CYCLE

MODEL	ASSY NO
LHV, SFP, HS, HSV, BF	50642
ML, V16	5-11005
V26	35-995
V36	35-5362
V36-3	35-5382
V60	35-5363
Z16	35-2712
Z36-16	35-5364
Z36	35-1722

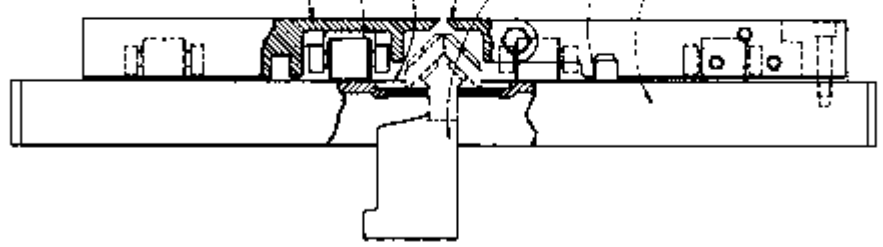
MODEL	FIRST MACH	LAST MACH
HSV	25-4501	26-53126
BF	42-5210	42-54286
LHV, SFP	27-5428	27-54185
HS	25-51219	25-54170
M	4-3596	54-8353
V-6	4-13028	
V-26	2641316	26532923
V-36	3641755	36536628
V-36-3	37-5101	37-53204
V-60	604159	6052942
Z-16	45-6051	53-6402
Z-36-16	4726051	5336145
Z-36	4405136	5064436

AIR PUMP ASSEMBLY



- 1-FRONT BAR ___11-31318
- 2-STUD ___11-31411
- 1-COVER ___11-31412
- 16-BEARING ASSEM. | 11-31004
- 1-L.H. TABLE ___11-31104

- 11-31307-ADJ. BLOCK ___1
- 11-31315-CUTOFF BLOCK ___1
- 11-31103-R.H. TABLE ___1
- 11-31317-KEEPER ___1
- 11-31302-GUIDE BAR ___1
- 11-31105-TABLE ___1



AUXILIARY TABLE — 11-31003

C-9-101

FIRST UNIT 2-10-1941
 LAST UNIT 8-31-1943
 PRINTED IN U.S.A.

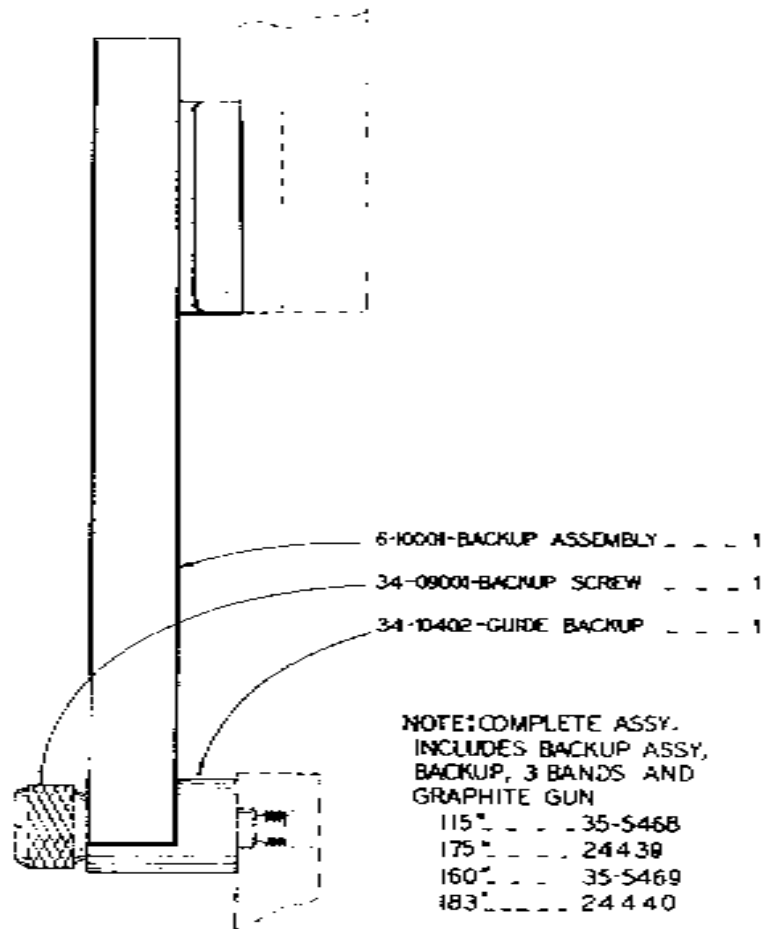
FILE GUIDES

- $\frac{1}{4}$ x $6\frac{1}{4}$ FILE GUIDE - - 34-09002
- $\frac{3}{8}$ x $8\frac{1}{8}$ FILE GUIDE - - 34-09003
- $\frac{1}{2}$ x $8\frac{1}{8}$ FILE GUIDE - - 34-09004
- $\frac{1}{4}$ x $12\frac{1}{2}$ FILE GUIDE - - 34-09005
- $\frac{3}{8}$ x $12\frac{1}{2}$ FILE GUIDE - - 34-09006
- $\frac{1}{2}$ x $12\frac{1}{2}$ FILE GUIDE - - 34-09007

- I-SCREW - - - - - 34-09001
- I-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 RECOMMENDED
FOR LOW SPEED MACHINES.
SEE SPRAY LUBRICATOR.

NON 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 _____ 1

35-7329-HS, HSV, LHV, SFP, _____ 1

35-4035-Z16, Z36-16 _____ 1

5-27508-ELBOW _____ 1

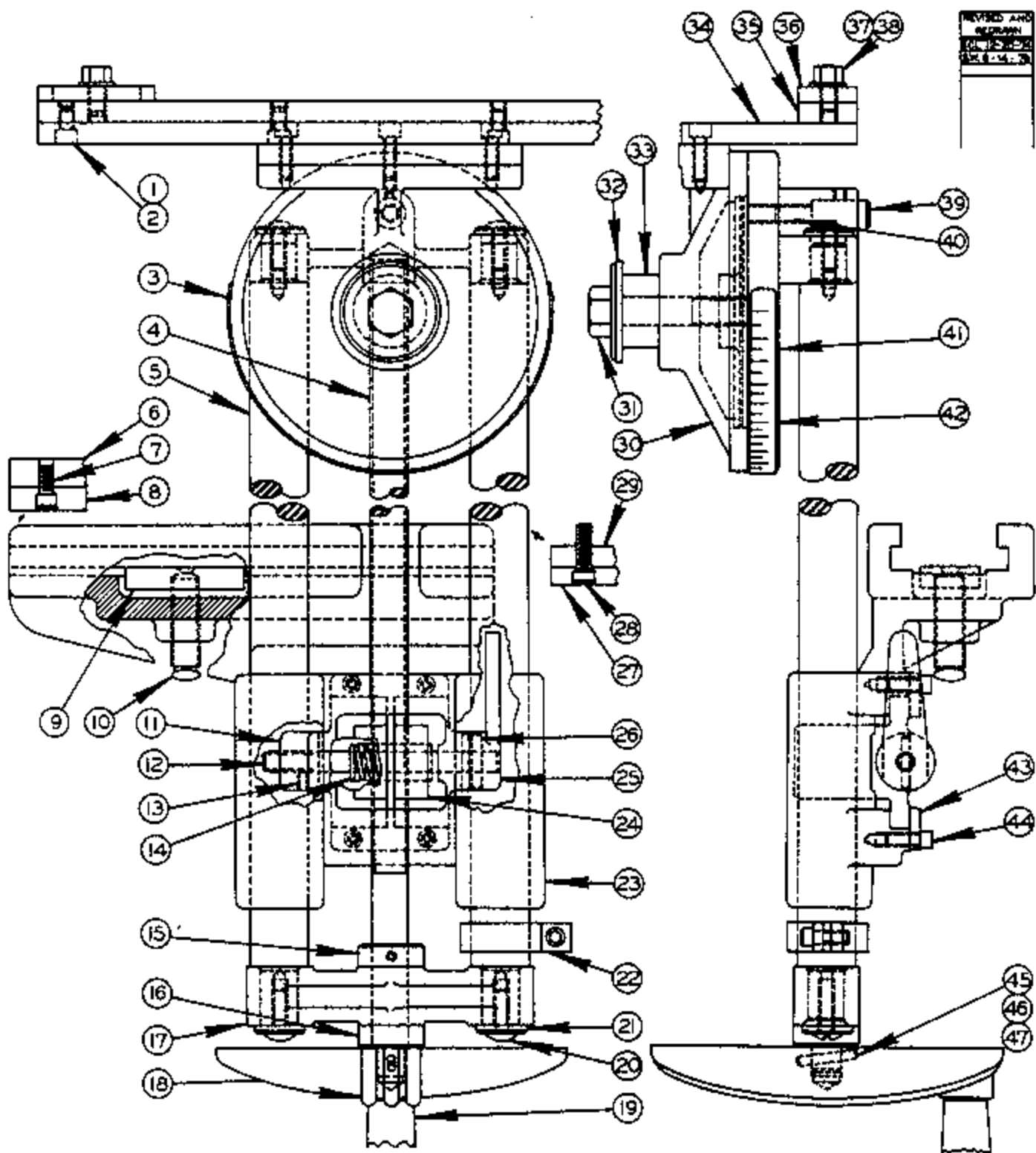
5-27403-SLIDE ROD _____ 1 *

5-27301-TUBING _____ 1 *

** V26 V60, 26-2, 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



ALL PURPOSE MITRE ATTACHMENT ASSEMBLY

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

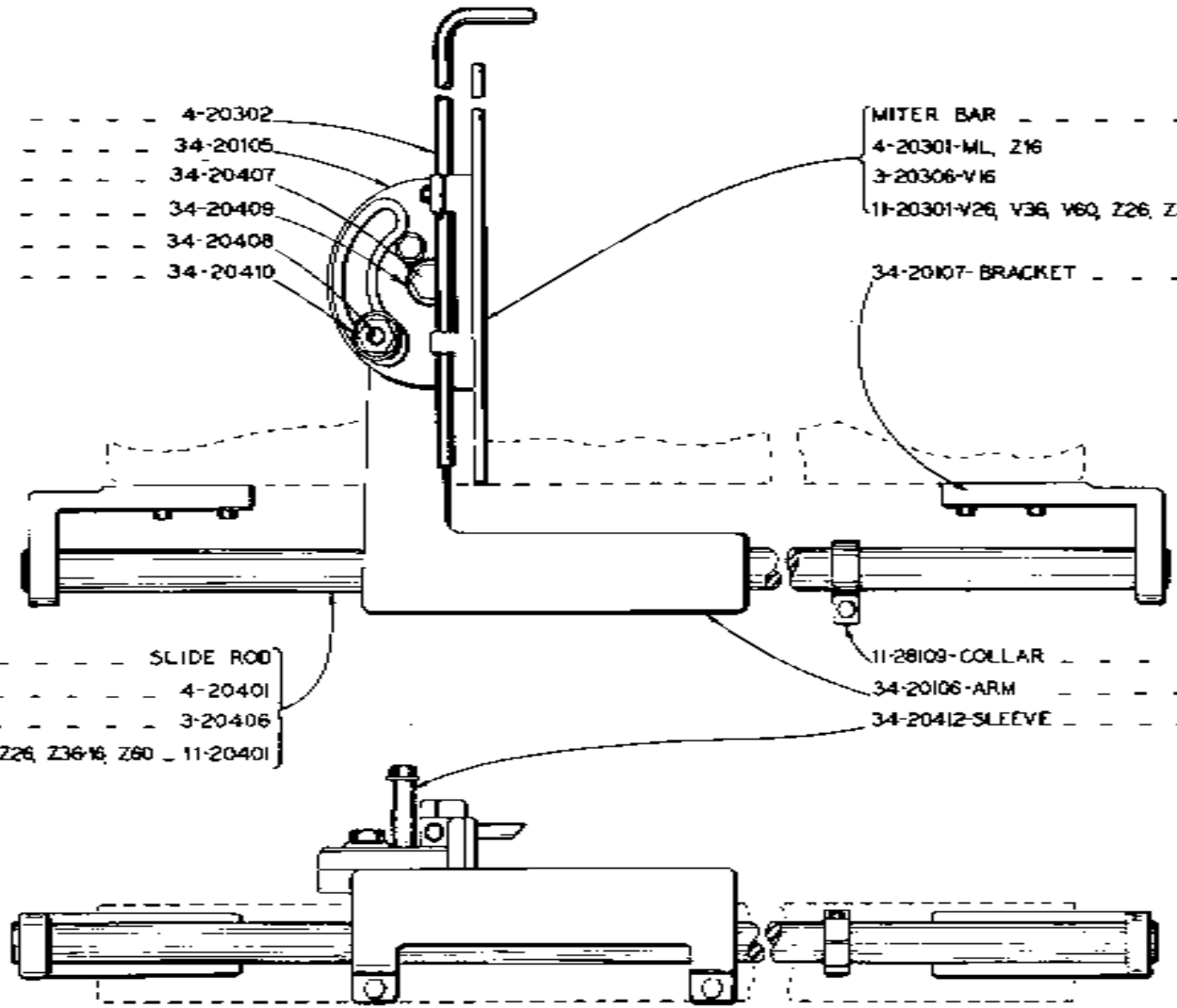
C-10-8 Z-10-5

- 1-GAUGE ROD - - - - - 4-20302
- 1-HEAD - - - - - 34-20105
- 1-PIVOT - - - - - 34-20407
- 1-WASHER - - - - - 34-20409
- 1-STUD - - - - - 34-20408
- 1-WASHER - - - - - 34-20410

- MITER BAR - - - - - 1
- 4-20301-ML, Z16
- 3-20306-V16
- 11-20301-V26, V36, V60, Z26, Z36-16, Z60
- 34-20107-BRACKET - - - - - 2

- 1 - - - - - SLIDE ROD
- ML, Z16 - - - - - 4-20401
- V16 - - - - - 3-20406
- V26, V36, V60, Z26, Z36-16, Z60 - 11-20401

- 11-28109-COLLAR - - - - - 1
- 34-20106-ARM - - - - - 1
- 34-20412-SLEEVE - - - - - 1



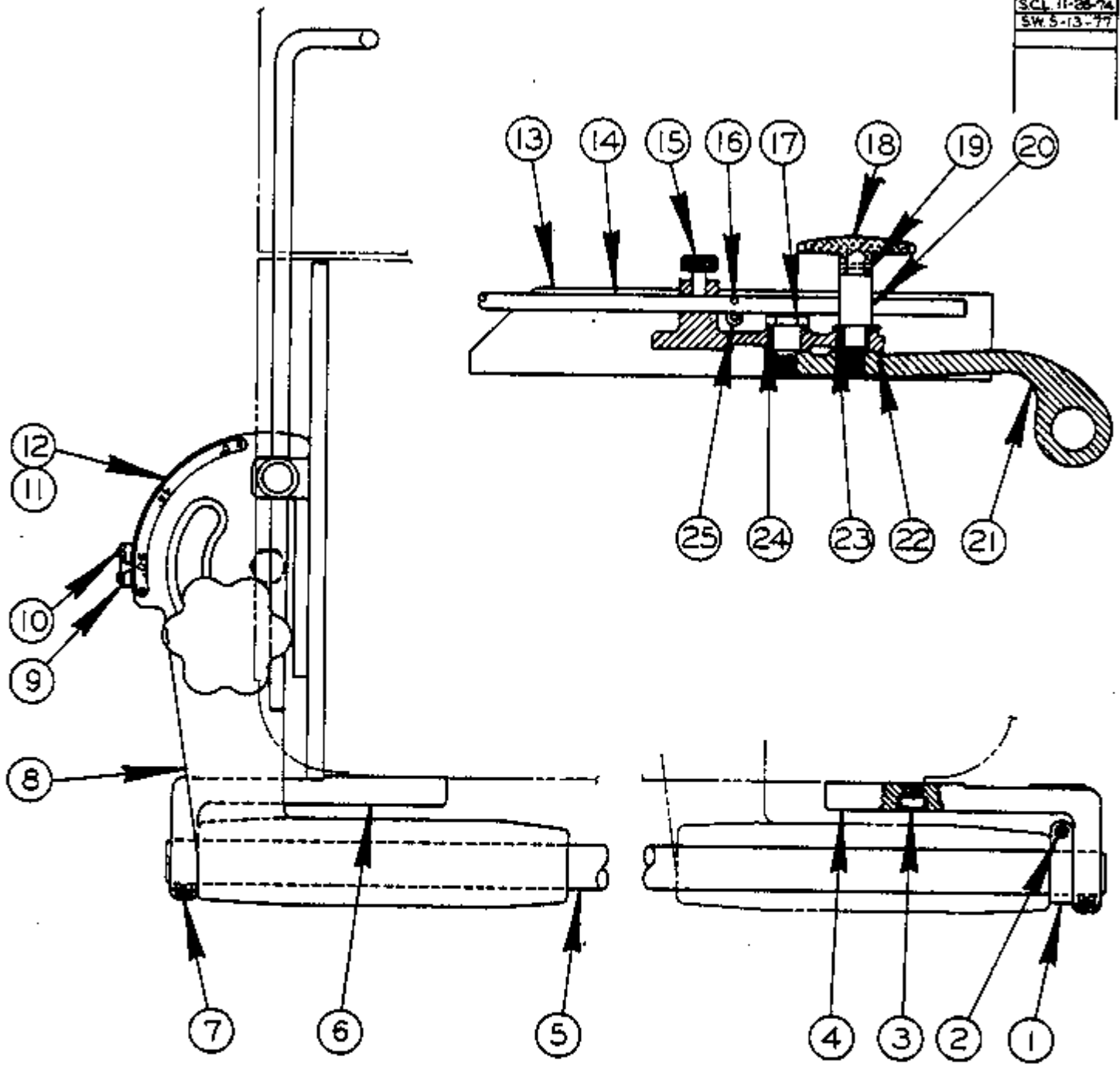
MODEL	ASSY NO.
V16 - - - - -	35-5304
ML, Z16 - - - - -	5-20001
V26, V36, V60, Z26, Z36-16, Z60 - - - - -	35-5301

CUT OFF & MITERING ATTACHMENT

FIRST MACHINE 4-1-38
 LAST MACHINE 3-15-51

PRINTED IN U.S.A.

REVISED AND REDRAWN
SCL 11-28-74
SW 5-13-77



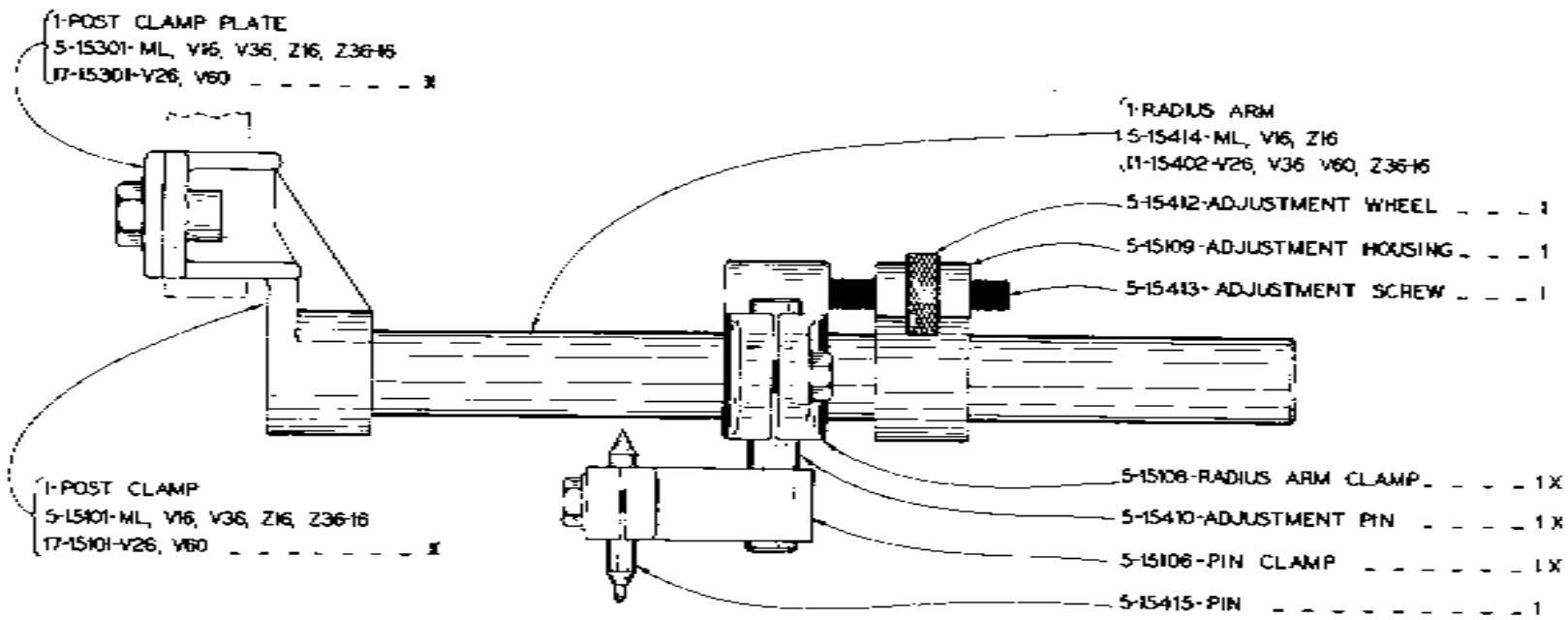
NO. 2
STANDARD CUT-OFF & MITERING ATTACHMENT
(SIDE MOUNT)

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
	091-019316	.. 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	090-036766	.. Pointer	1
10	091-990086	.. Screw, Ovan 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 NOS. 26431075 &
604394 ORDER V36 PARTS OR
ASSEMBLY

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

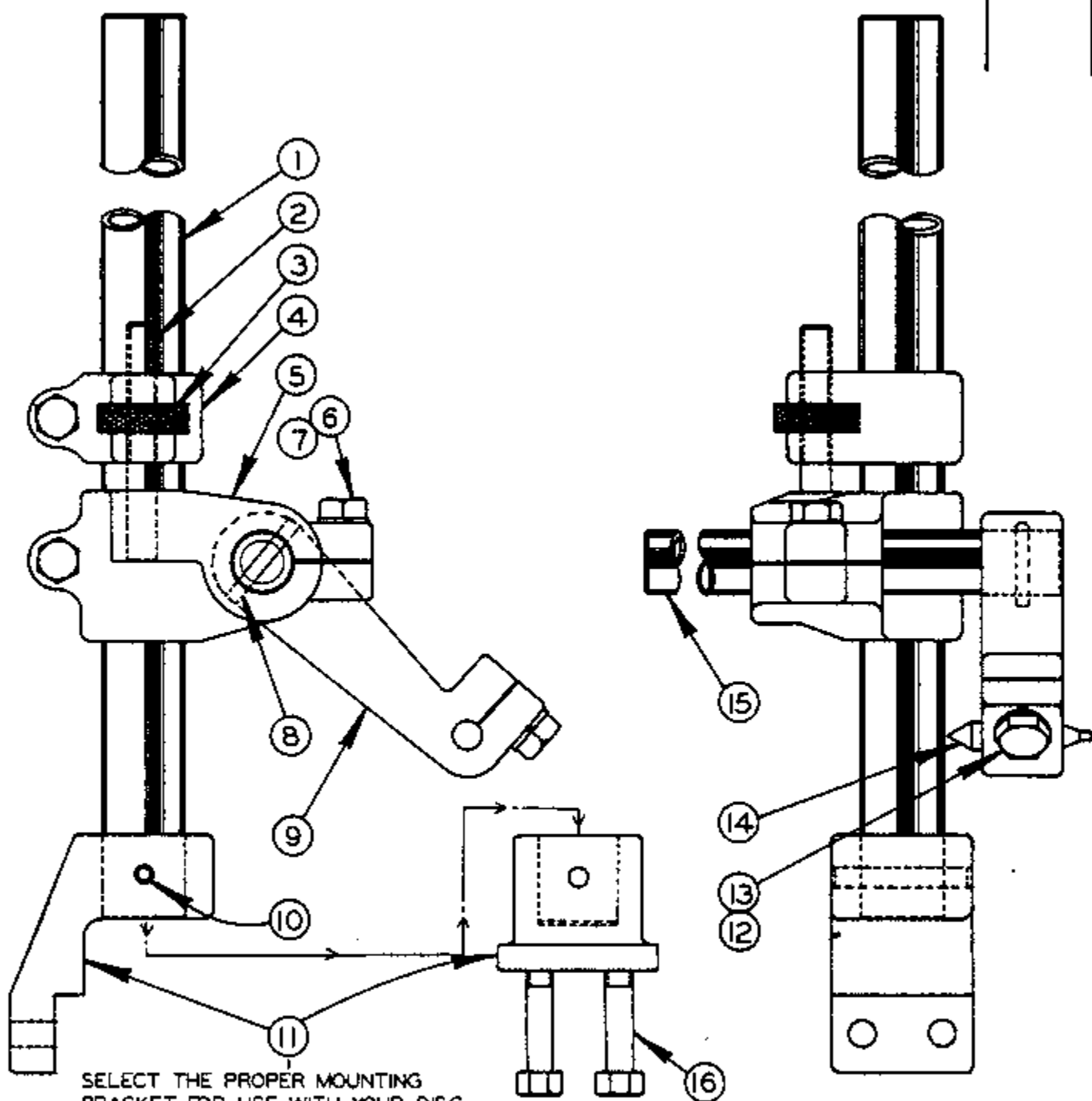


MODELS ML, V16, Z16 - 5-15006
MODELS V36, Z36-16 - 11-15002
MODELS V26, V60 - 35-5471 X
DISC CUTTING ASSEMBLY

FIRST UNIT 4-11-38
LAST UNIT 1954

2-9-1 C-10-1

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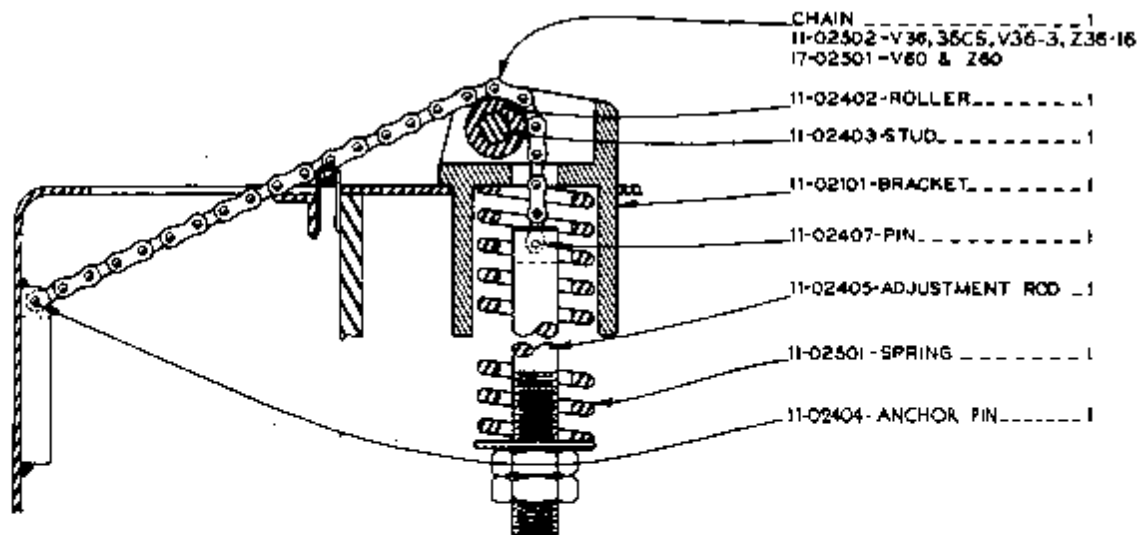


SELECT THE PROPER MOUNTING BRACKET FOR USE WITH YOUR DISC-CUTTER.

DISC CUTTER ASSEMBLY

DISC CUTTER ASSEMBLY

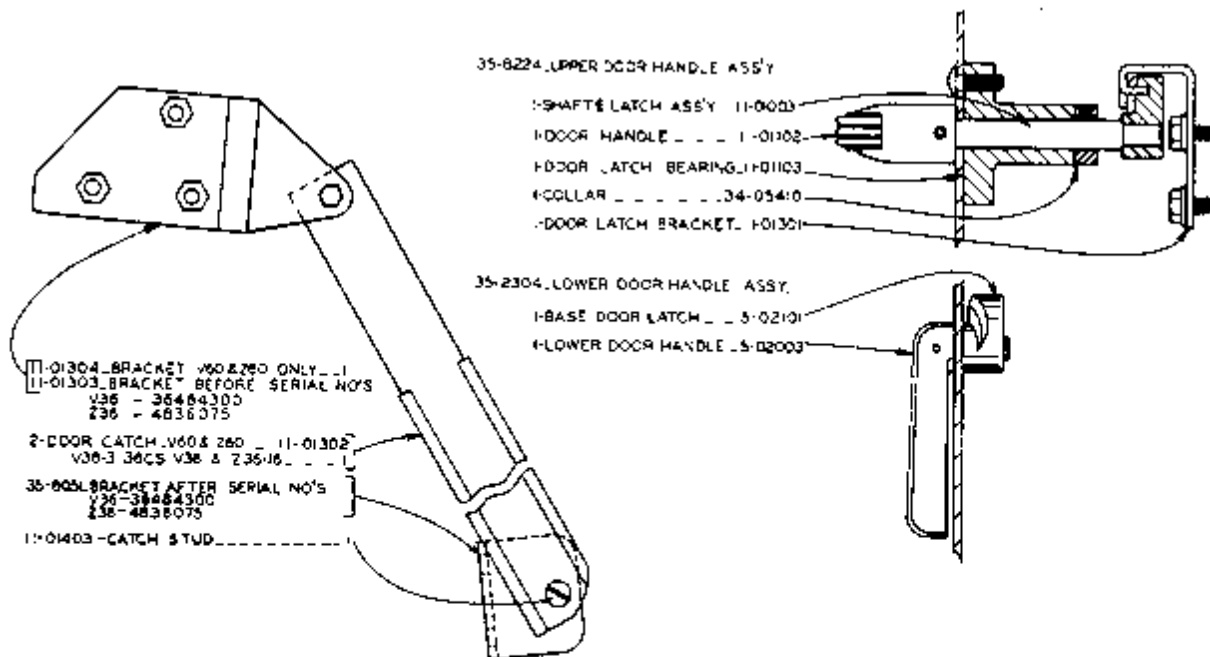
INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
REF.	094-020807	Disc Cutter Assembly (Contour & Contour-Matic Machines)	
REF	090-400441	Disc Cutter Assembly (Zephyr, 6013-3, 6013-H3)	
1	135-033991	. Radius Arm	1
2	105-154132	. Adjustment Screw	1
3	105-154124	. Adjustment Wheel	1
4	105-151096	. Adjustment 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 1 1/2 (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)	



- CHAIN 1
11-02502-V36, 36CS, V36-3, Z36-16
17-02501-V60 & Z60
- 11-02402-ROLLER-----1
- 11-02403-STUD-----1
- 11-02101-BRACKET-----1
- 11-02407-PIN-----1
- 11-02405-ADJUSTMENT ROD _1
- 11-02501-SPRING-----1
- 11-02404-ANCHOR PIN-----1

DOOR COUNTERBALANCE

MODEL	FIRST MACH
36CS	48051
V36	3639117
V36-3	37-51101
V60	604050
Z36-16	4736051
Z60	6005148



35-8224 UPPER DOOR HANDLE ASS'Y

- 1-SHAFT & LATCH ASS'Y 11-0003
- 1-DOOR HANDLE _ _ _ 1-0102
- 1-DOOR LATCH BEARING 11-0103
- 1-COLLAR _ _ _ _ _ 34-05410
- 1-DOOR LATCH BRACKET 101301

35-2304 LOWER DOOR HANDLE ASSY

- 1-BASE DOOR LATCH _ _ 5-02101
- 1-LOWER DOOR HANDLE _ 5-02003

- 11-01304 BRACKET V60 & Z60 ONLY _ 1
- 11-01303 BRACKET BEFORE SERIAL NO'S
- V36 - 36484300
- Z36 - 4838075

- 2-DOOR CATCH V60 & Z60 _ 11-01302
- V36-3 36CS V36 & Z36-16 _ _ _

- 35-805L BRACKET AFTER SERIAL NO'S
- V36 - 38484300
- Z36 - 4838075

- 11-01403-CATCH STUD-----1

DOOR HANDLE ASS'YS & AUTOMATIC DOOR CATCH

MODEL	FIRST MACH	LAST MACH
36CS	48051	54087
V36	363949	36535628
V36-3	37-51101	37-53204
V60	604050	6052142
Z36-16	4736051	5336145
Z60	6005148	6008053

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

- 35-2459-WASHER.....2
- 35-1606-SLEEVE.....1
- 1-OILER.....5-05518
- 1-BOLT.....5-05410
- 2-WASHER.....34-03406

VARIABLE ASS'Y.
35-6597

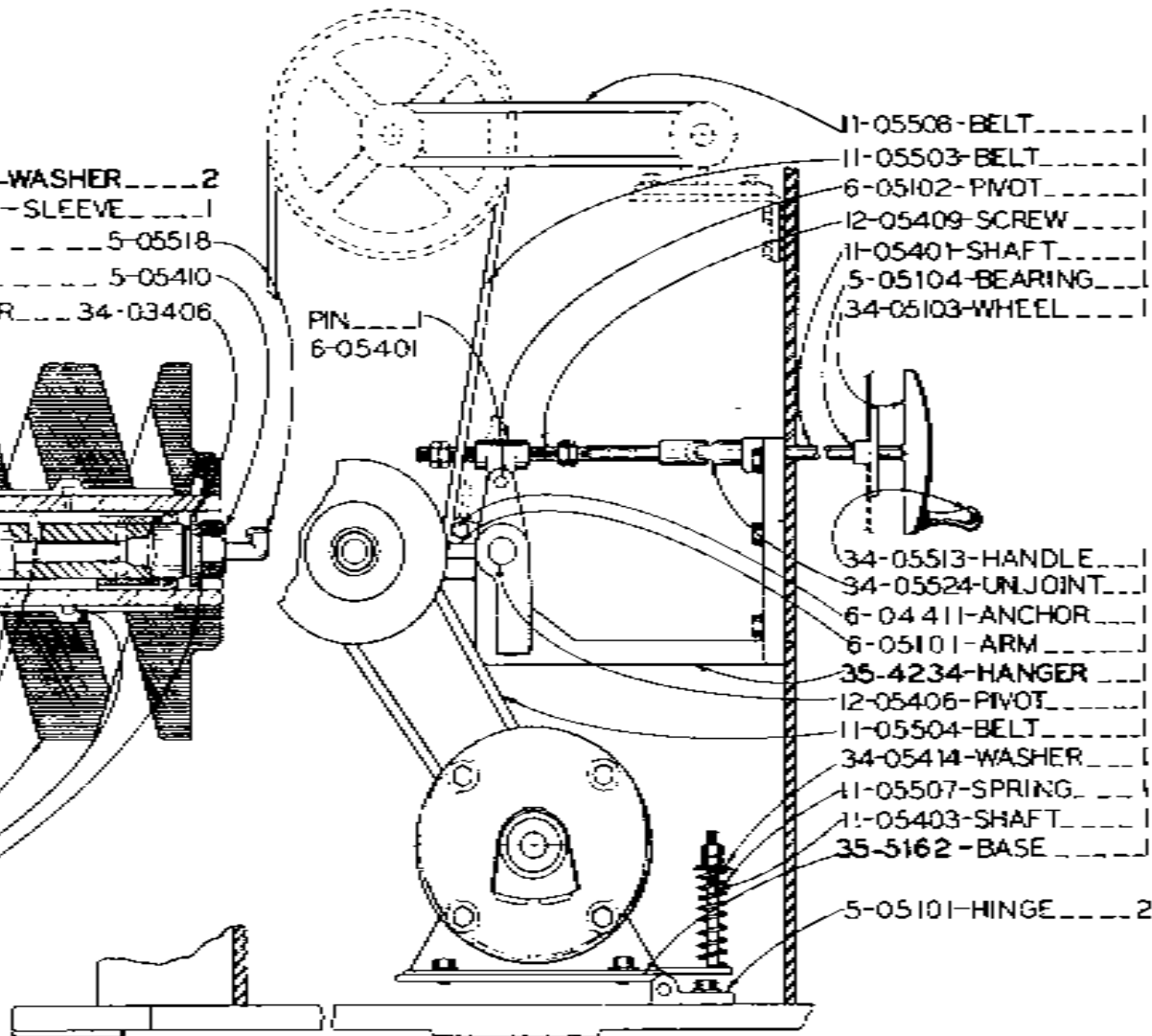
5-05513-OILER BEFORE
5-1-43

- 1 RING.....34-05525
- 2-WASHER.....35-1605
- 2-BEARING.....34-05517
- 1-SHAFT.....34-05401
- 1-CARRIER.....34-05311
- 2-SHEAVE.....6-05202
- 1-SHEAVE.....34-05204
- 1-FELT.....34-05523
- 3-GASKET.....34-05519

PIN.....1
6-05401

- 11-05508-BELT.....1
- 11-05503-BELT.....1
- 6-05102-PIVOT.....1
- 12-05409-SCREW.....1
- 11-05401-SHAFT.....1
- 5-05104-BEARING.....1
- 34-05103-WHEEL.....1

- 34-05513-HANDLE.....1
- 34-05524-UNJOINT.....1
- 6-04411-ANCHOR.....1
- 6-05101-ARM.....1
- 35-4234-HANGER.....1
- 12-05406-PIVOT.....1
- 11-05504-BELT.....1
- 34-05414-WASHER.....1
- 11-05507-SPRING.....1
- 11-05403-SHAFT.....1
- 35-5162-BASE.....1
- 5-05101-HINGE.....2



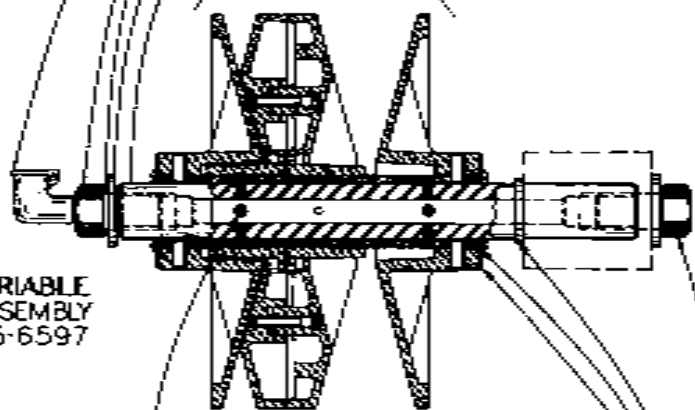
VARIABLE ASSEMBLY -- MODEL V-36

FIRST MACHINE 363901
LAST MACHINE 36463809

NOTE: BEFORE SERIAL NO 36474007
REPLACE 11-05512 & 35-6039
AT THE SAME TIME.

BEFORE SERIAL NO 36504565
20606 BASE WAS 35-5162

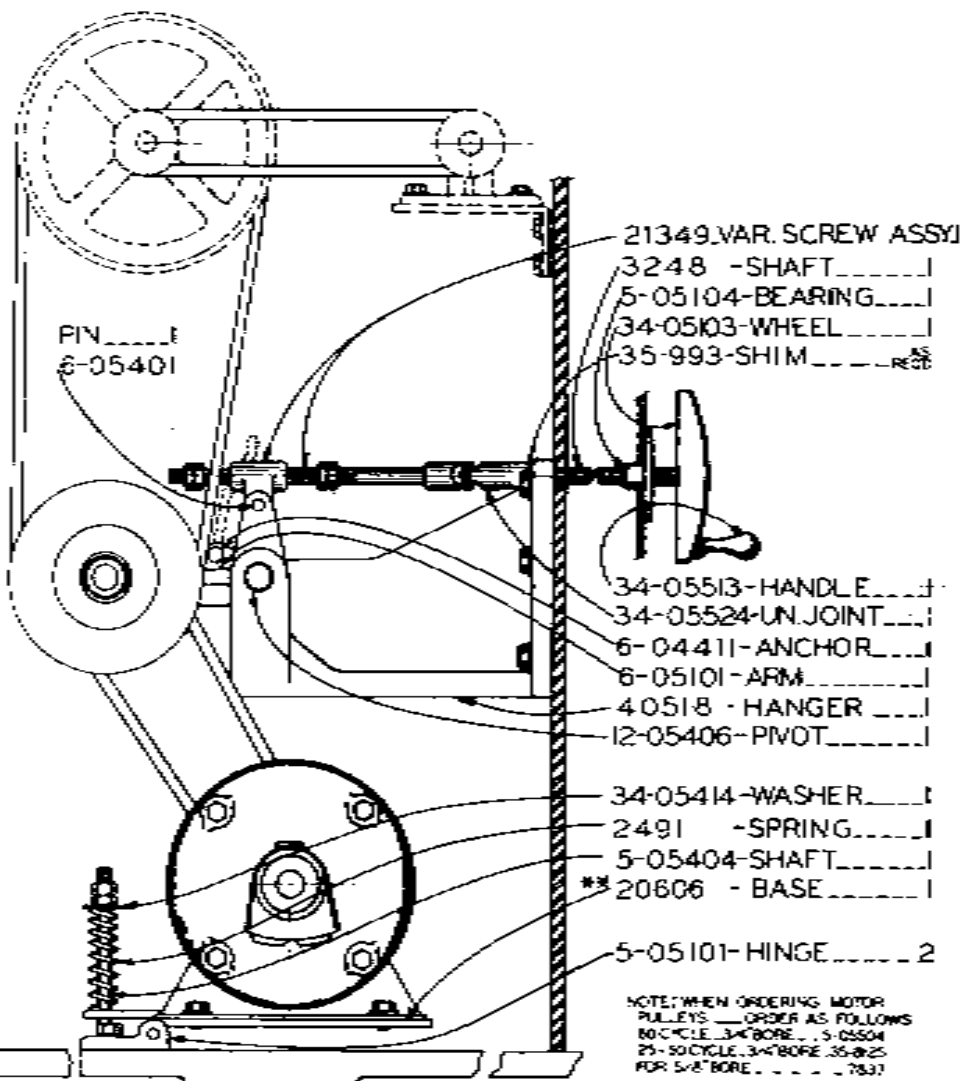
- 11-05512-OILER.....1
- 35-6039-SCREW.....1
- 34-05519-GASKET.....3
- 35-2736-WASHER.....2
- 35-4052-SHAFT.....1
- 35-7315-SHEAVE & SLEEVE ASSY.1



VARIABLE
ASSEMBLY
35-6597

- 2-RETAINER.....3575
- 2-OIL SEAL.....3576
- 35-4053-W.CK.....8

- 34-05525-SNAP RING.....1
- 35-6381-BOLT.....1



PIN.....1
6-05401

- 21349.VAR. SCREW ASSY.1
- 3248-SHAFT.....1
- 5-05104-BEARING.....1
- 34-05103-WHEEL.....1
- 35-993-SHIM.....REGR

- 34-05513-HANDLE.....1
- 34-05524-UN JOINT.....1
- 6-04411-ANCHOR.....1
- 6-05101-ARM.....1
- 40518-HANGER.....1
- 12-05406-PIVOT.....1

- 34-05414-WASHER.....1
- 2491-SPRING.....1
- 5-05404-SHAFT.....1
- * 20606-BASE.....1

- 5-05101-HINGE.....2

NOTE: WHEN ORDERING MOTOR
PULLEYS ORDER AS FOLLOWS
60 CYCLE 3/4" BORE . . . 5-05504
75-50 CYCLE 3/4" BORE . . . 35-2825
FOR 5/8" BORE 7837

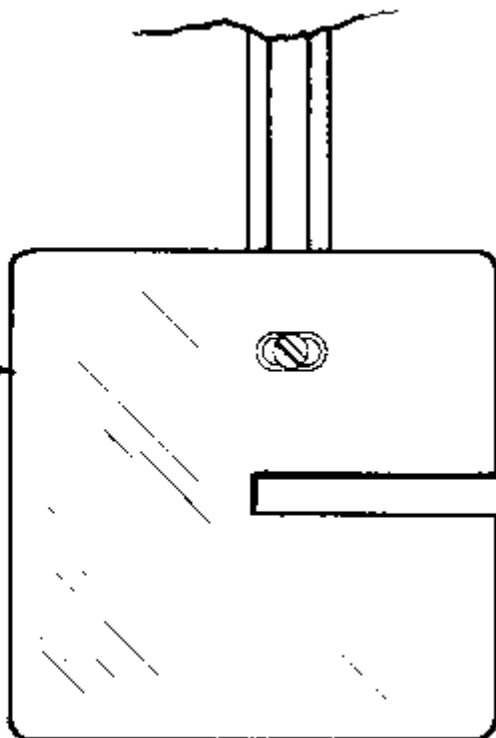
C-5-11

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

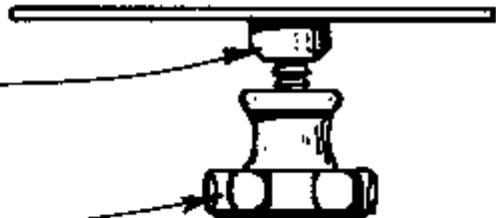
**NOTE: BETWEEN SERIAL NO'S V26 26431075 & 26512420 & V60 604394 & 6051116, ORDER-35-3805 AUX. TABLE FILING PLATE.

*1-FILING PLATE 35-3802



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

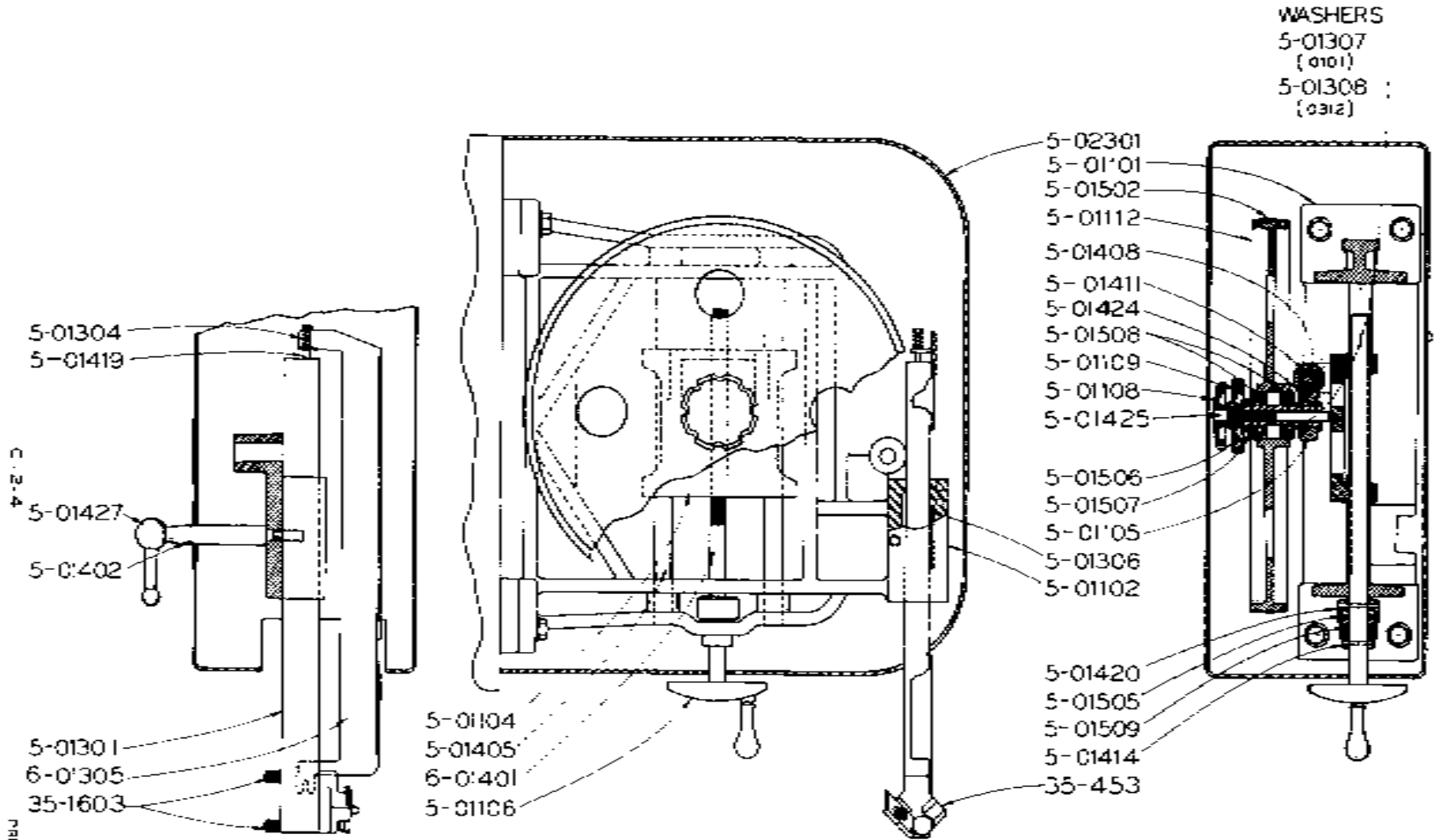
1-HANDWHEEL AND STUD ASSY.
FOR TABLE WITH 1" SLOT . . . 5-03005
FOR TABLE WITH 1-1/4" SLOT . . . 13-03003



FIRST UNIT 4-11-38

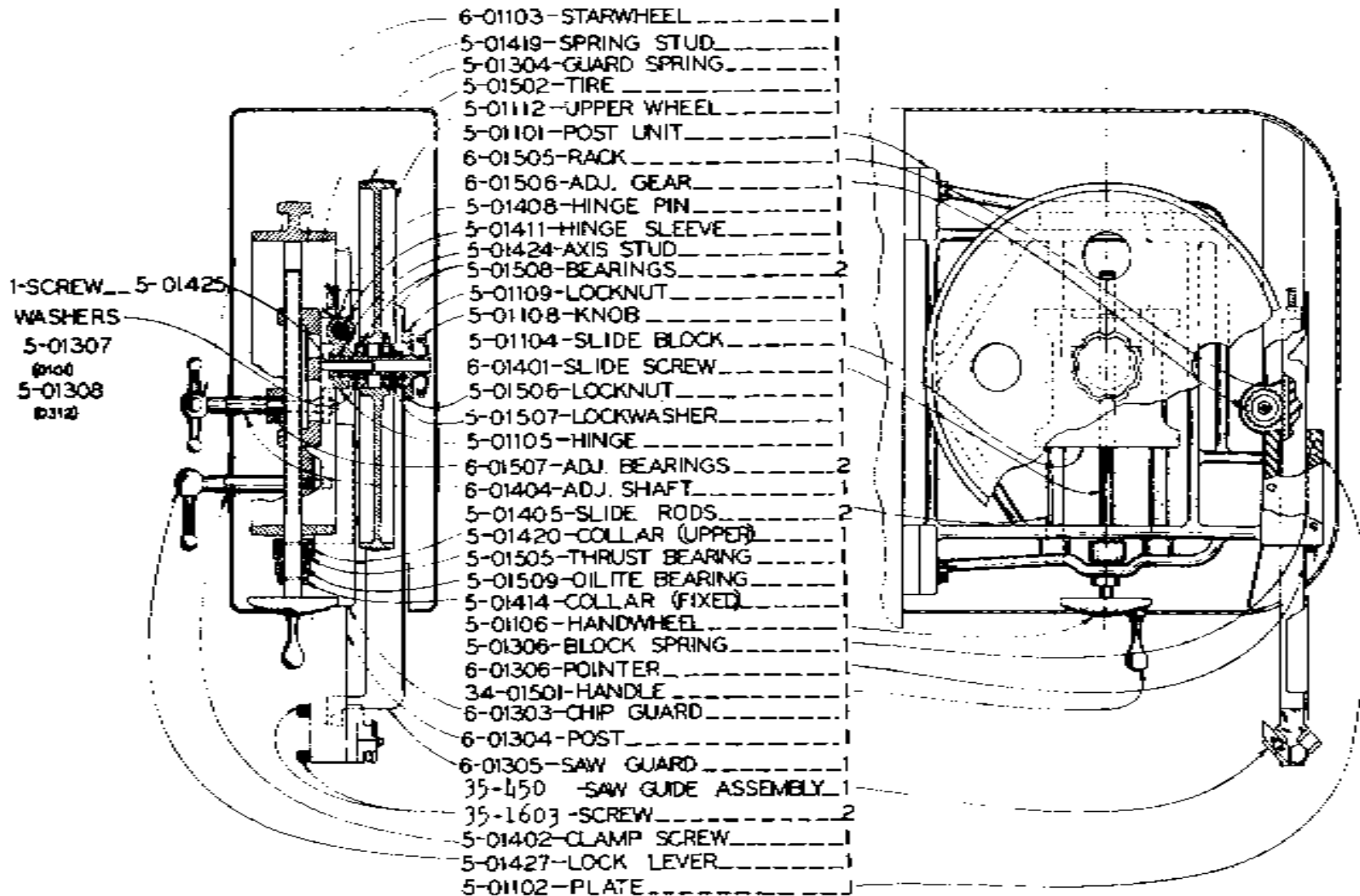
FOR 1" FILLER PLATE . . . 35-3804
FOR 1-1/4" FILLER PLATE . . . 35-3805**

AUXILIARY TABLE FILING PLATE



HEAD ASSEMBLY - MODEL ML & V-36

MODEL	ML	V-36
FIRS™	3801	363904
LAS™	39699	3639119



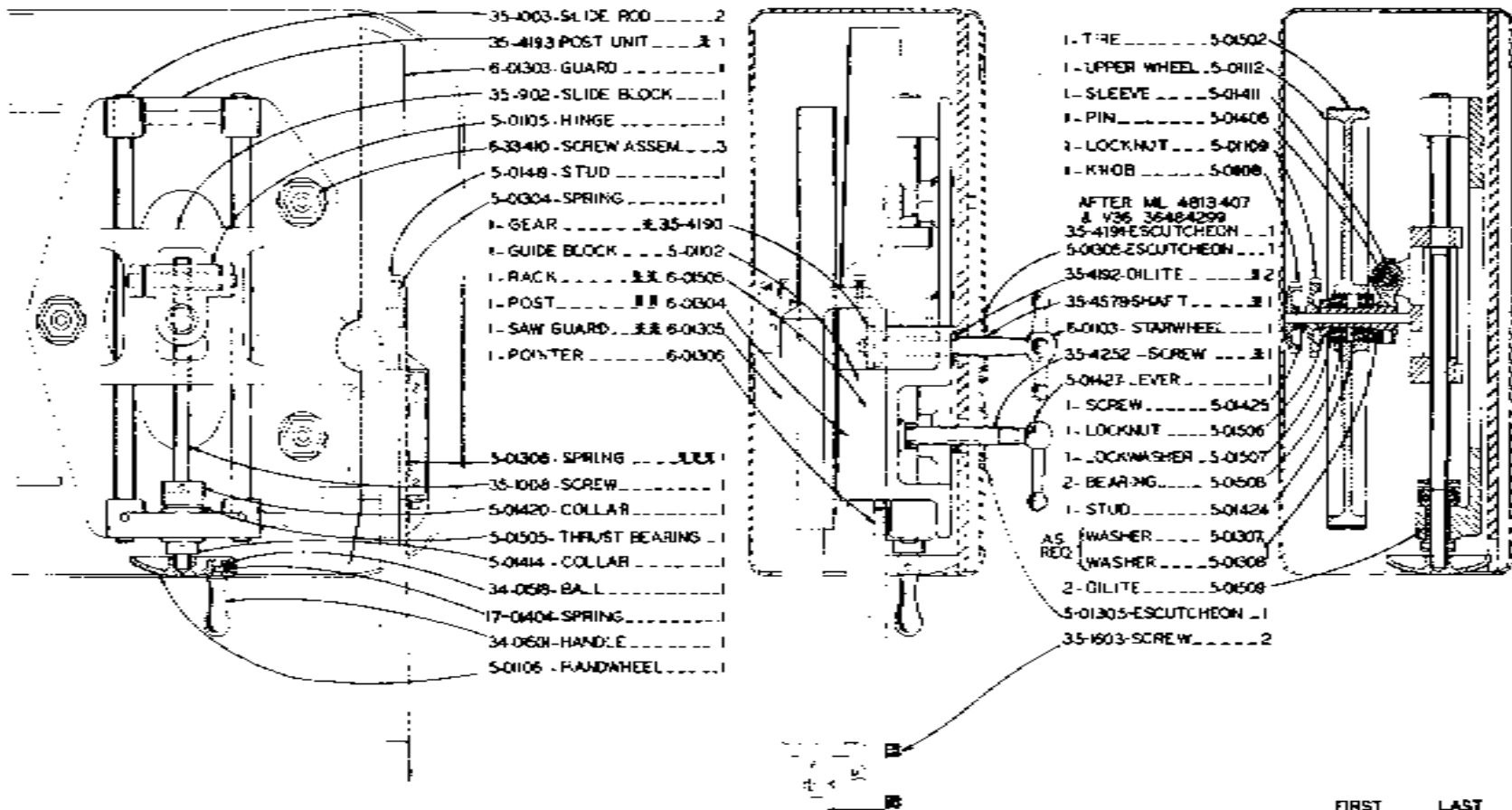
HEAD ASSEMBLY — MODELS ML & V-36 -6-01002

MODEL	FIRST MACH.	LAST MACH.
ML	39730	447769
V-36	363970	36443239

NOTE: **BEFORE** SERIAL NOS. ML 4813408
 & V36 36484300
 35-4190 GEAR WAS - 6-01506
 35-4192-OILITE WAS - 8-04507
 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 - - - - - L3-D4503
 POST - - - - - 35-8118
 SAW GUARD - - - 35-8117

NOTE: **AFTER** SERIAL NOS ML 4913857 &
 V36 36484430
 1- INSERT - 35-9190
 1- SPRING - 35-9188
 1- SCREW - 35-9189



- 35-1003-SLIDE ROD - 2
- 35-4193-POST UNIT - 1
- 6-01303-GUARD - 1
- 35-902-SLIDE BLOCK - 1
- 5-01105-HINGE - 1
- 6-33410-SCREW ASSEM - 3
- 5-0148-STUD - 1
- 5-0304-SPRING - 1
- 1-GEAR - 35-4190
- 1-GUIDE BLOCK - 5-0102
- 1-RACK - 6-01505
- 1-POST - 6-01304
- 1-SAW GUARD - 6-01305
- 1-POINTER - 6-01306
- 5-01306-SPRING - 1
- 35-1008-SCREW - 1
- 5-0420-COLLAR - 1
- 5-0505-THRUST BEARINGS - 1
- 5-0414-COLLAR - 1
- 34-0518-BALL - 1
- 17-0404-SPRING - 1
- 34-0601-HANDLE - 1
- 5-0106-RANDASHEEL - 1

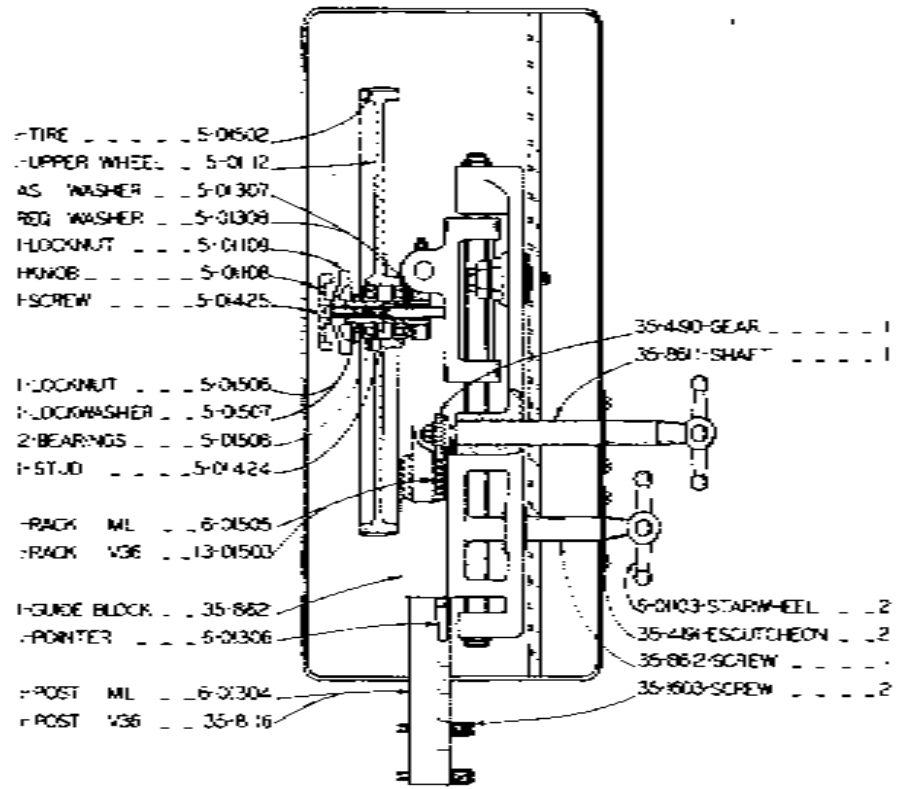
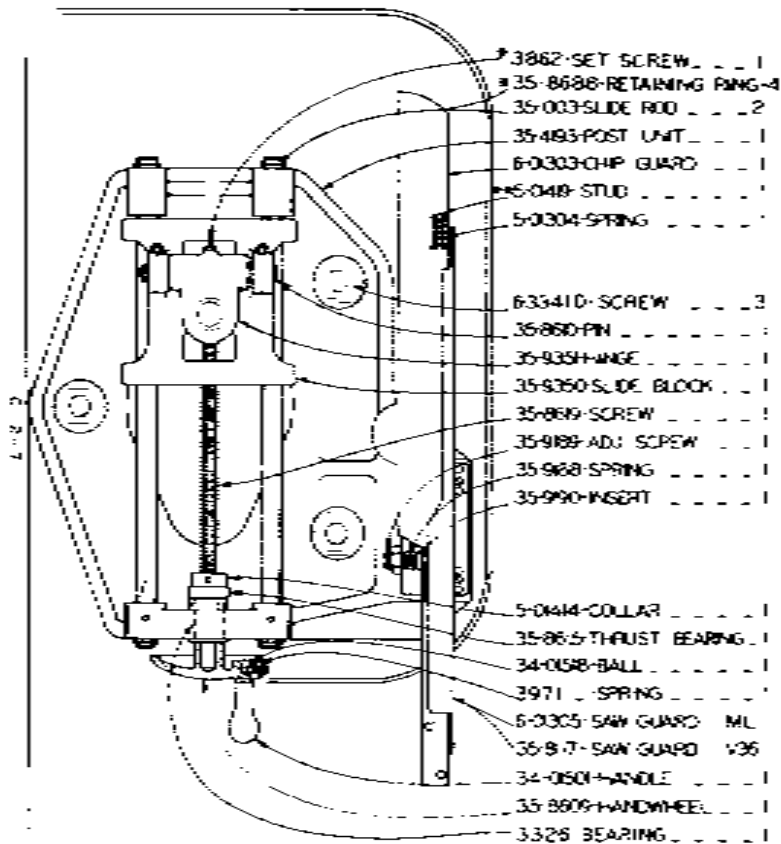
- 1-TIRE - 5-01502
- 1-UPPER WHEEL - 5-01112
- 1-SLEEVE - 5-01411
- 1-PIN - 5-01406
- 1-LOCKNUT - 5-01109
- 1-KNOB - 5-0800
- AFTER ML 4813407 & V36 36484299
- 35-4194-ESCLUTCHEON - 1
- 5-0305-ESCLUTCHEON - 1
- 35-4192-OILITE - 2
- 35-4578-SHAFT - 1
- 5-0103-STARWHEEL - 1
- 35-4252-SCREW - 1
- 5-0427-LEVER - 1
- 1-SCREW - 5-0425
- 1-LOCKNUT - 5-01506
- 1-OILWASHER - 5-01507
- 2-BEARING - 5-0508
- 1-STUD - 5-01424
- AS REQ
- 1-WASHER - 5-0307
- 1-WASHER - 5-0308
- 2-OILITE - 5-01508
- 5-01305-ESCLUTCHEON - 1
- 35-1603-SCREW - 2

HEAD ASSEMBLY MODELS ML & V36

MODEL	FIRST MACHINE	LAST MACHINE
ML	447770	4813966
V36	36443240	36494430

C-2-4

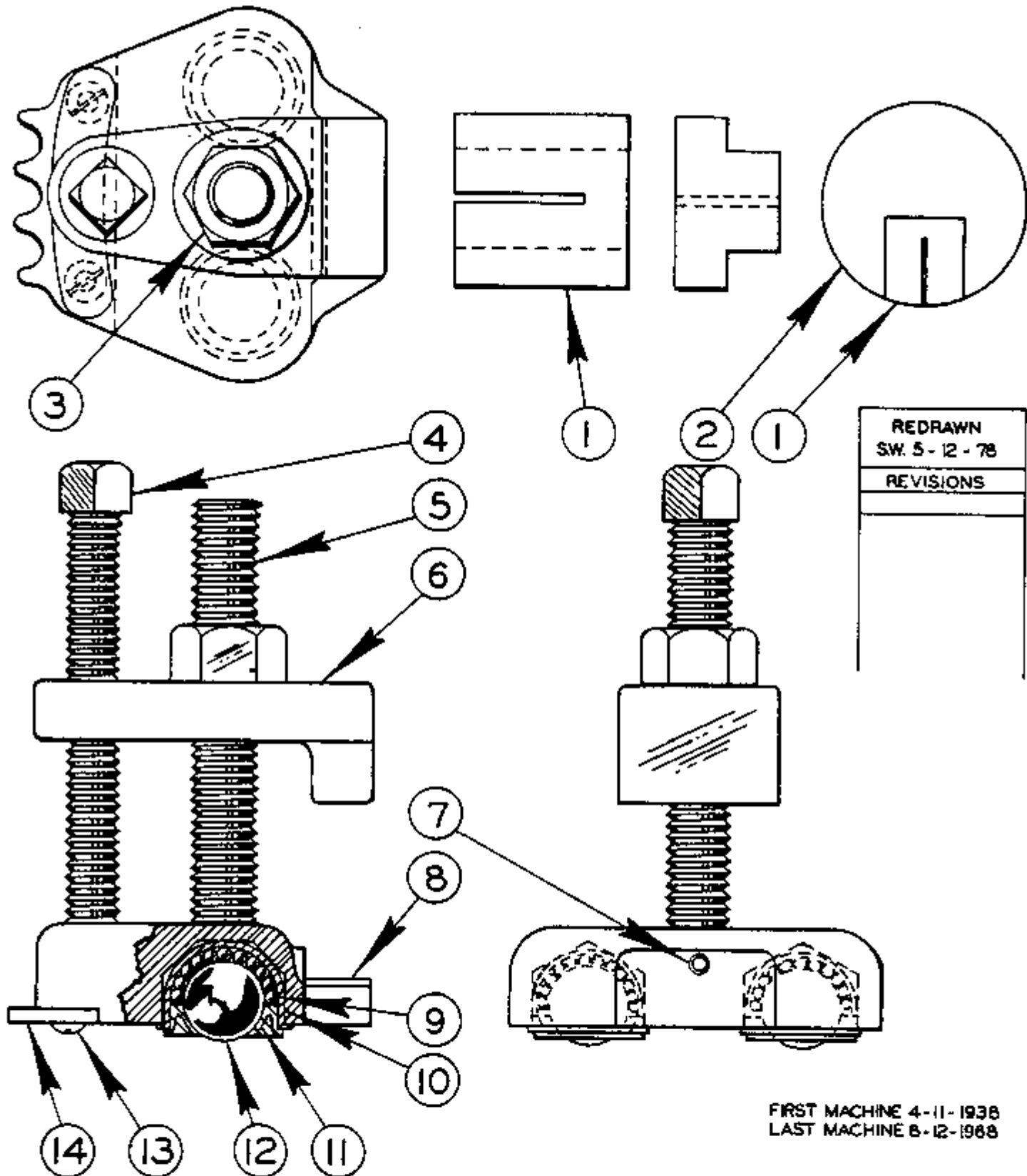
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NOTE: AFTER ML SER. NO. 3115784
 V36 SER. NO. 3654935 USE 1-47-20 (1/2")
 HER. HD. CAP. SCA.
 NOTE WHEN REORDERING PART
 35-1253 ALSO ORDER 35-8588

HEAD ASSEMBLY MODELS ML & V36

MODEL	FIRST MACH	LAST MACH
ML	490987	548323
V36	36494431	36535628



HEAVY
PARALLEL WORK CLAMP ASSEMBLY

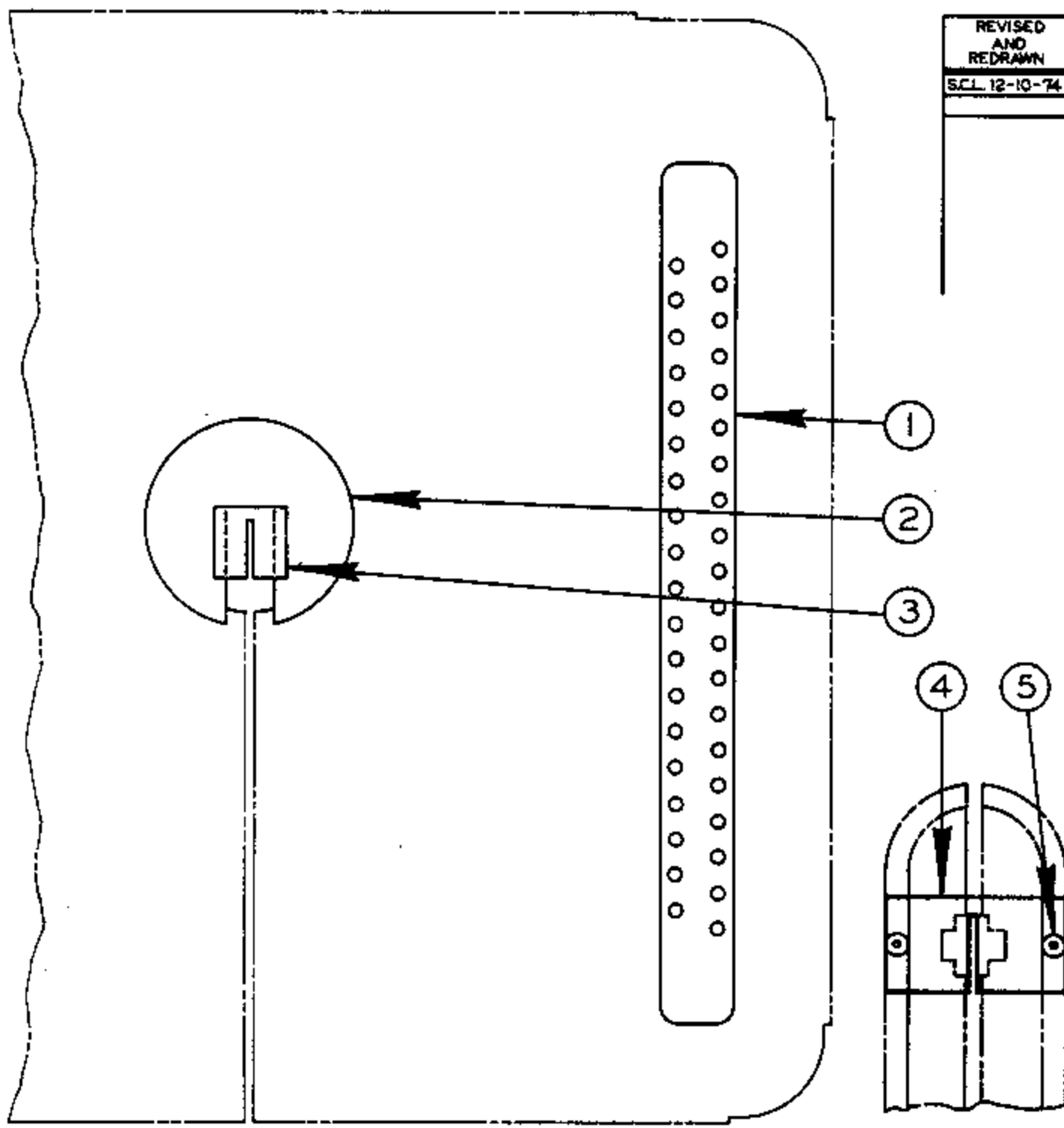
C-10-22 CM-10-B Z-10-11

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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

REVISED
AND
REDRAWN
SCL 12-10-74



HEAVY WORK SLIDES

C-10-23 CM-10-33 Z-10-12

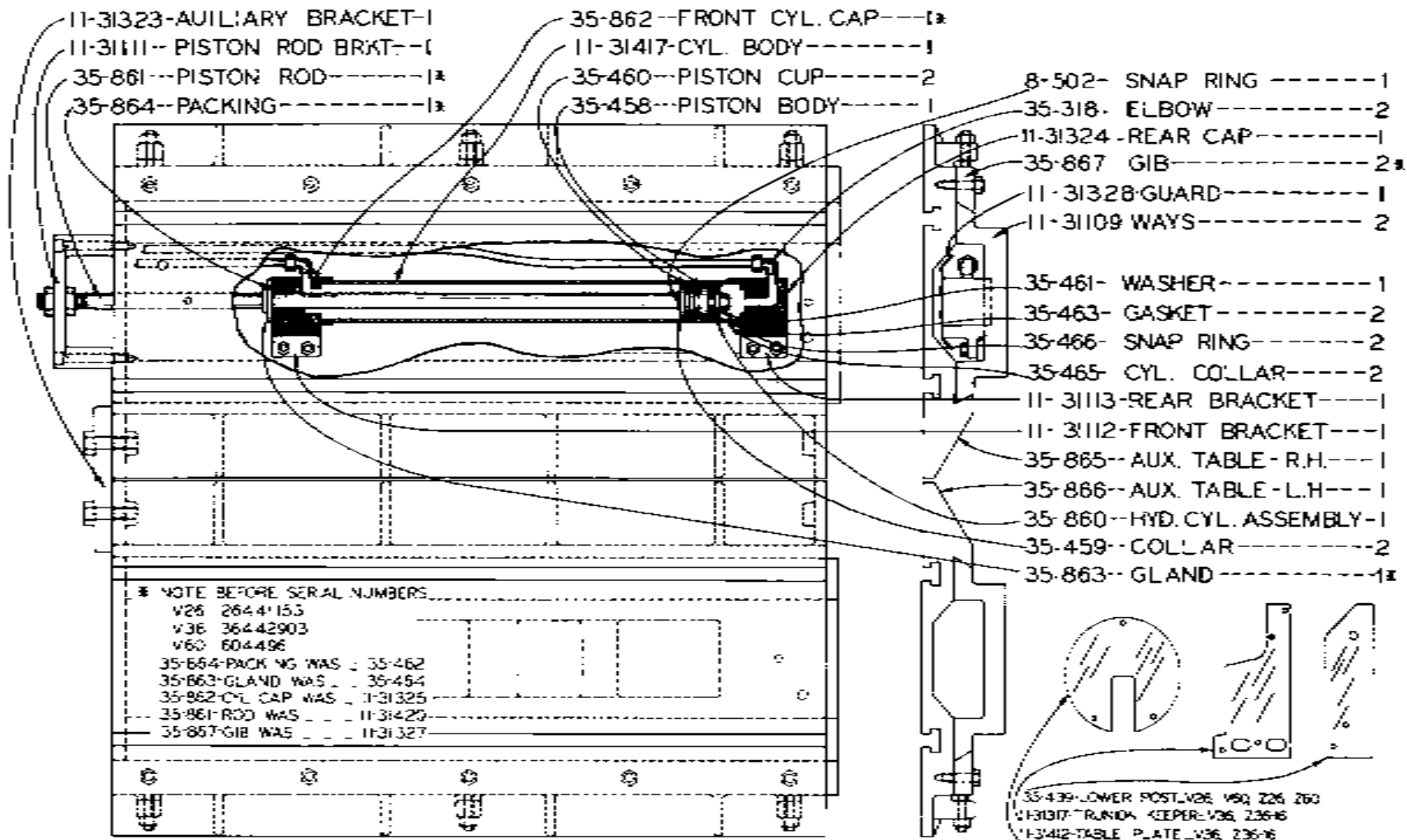
C-9

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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

2-8-5

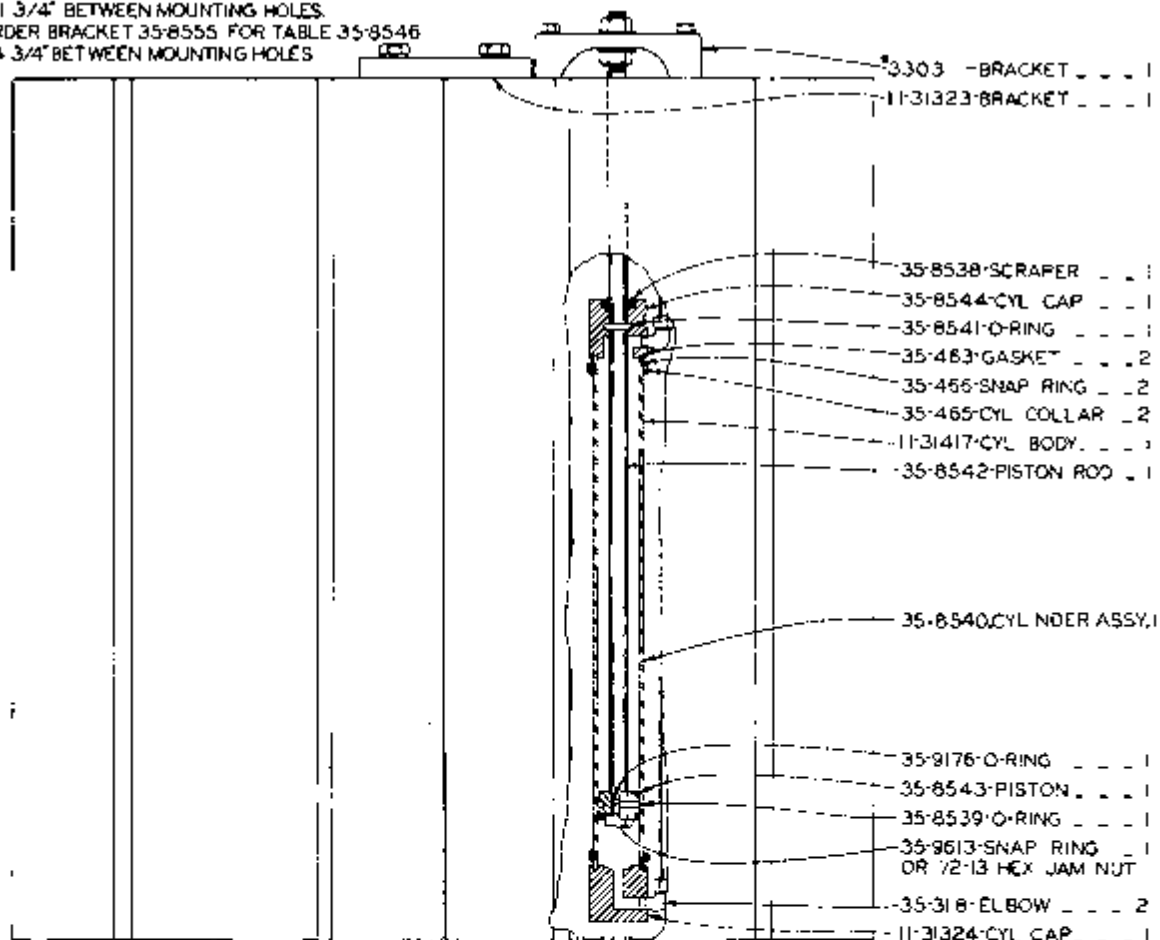


NOTE FOR CONTROL PANEL & VALVE SEE HYDRAULIC POWER FEED DRAWING

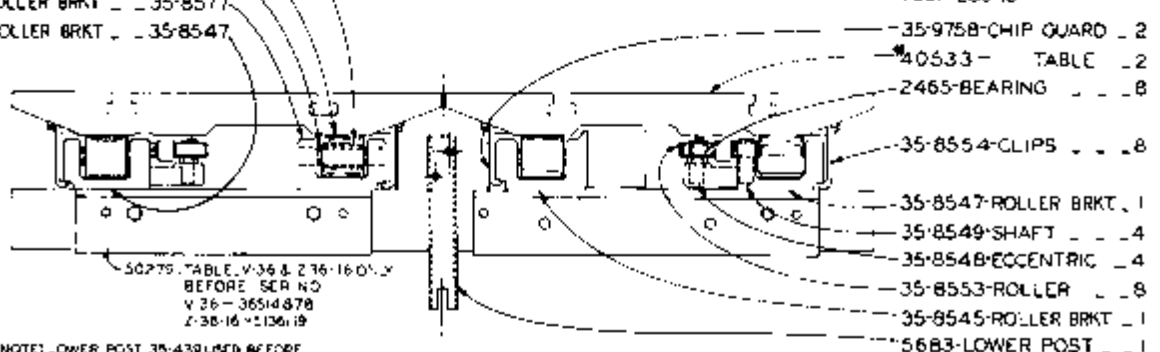
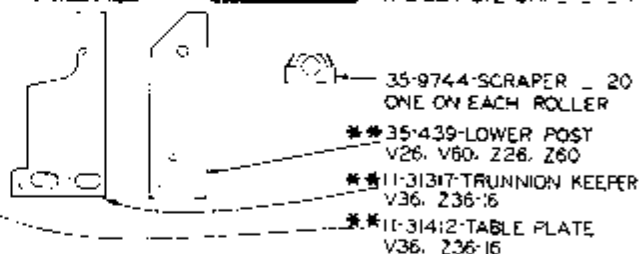
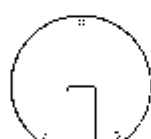
V26, V60, Z26, Z60 - 35-5439
 V36, Z36-16 - 35-5436
 Z36 - 11-31007
 HYDRAULIC AUXILIARY TABLE

MODEL	POST MATH	CAS	MACH
V26	2644153	2649210	
V36	36442903	3649450	
V60	6044496	6049116	
Z26	49265	492696	
Z36	440536	4405736	
Z60	43605	436095	
Z60	600248	6006145	

*ORDER BRACKET 3303 WITH TABLE 40533.
 1 3/4" BETWEEN MOUNTING HOLES.
 ORDER BRACKET 35-8555 FOR TABLE 35-8546
 4 3/4" BETWEEN MOUNTING HOLES



- 40-BEARINGS . . . 5-01509
- 20-ROLLER . . . 35-8551
- 20-SHAFT . . . 35-8552
- 1-ROLLER BRKT . . . 35-8577
- 1-ROLLER BRKT . . . 35-8547

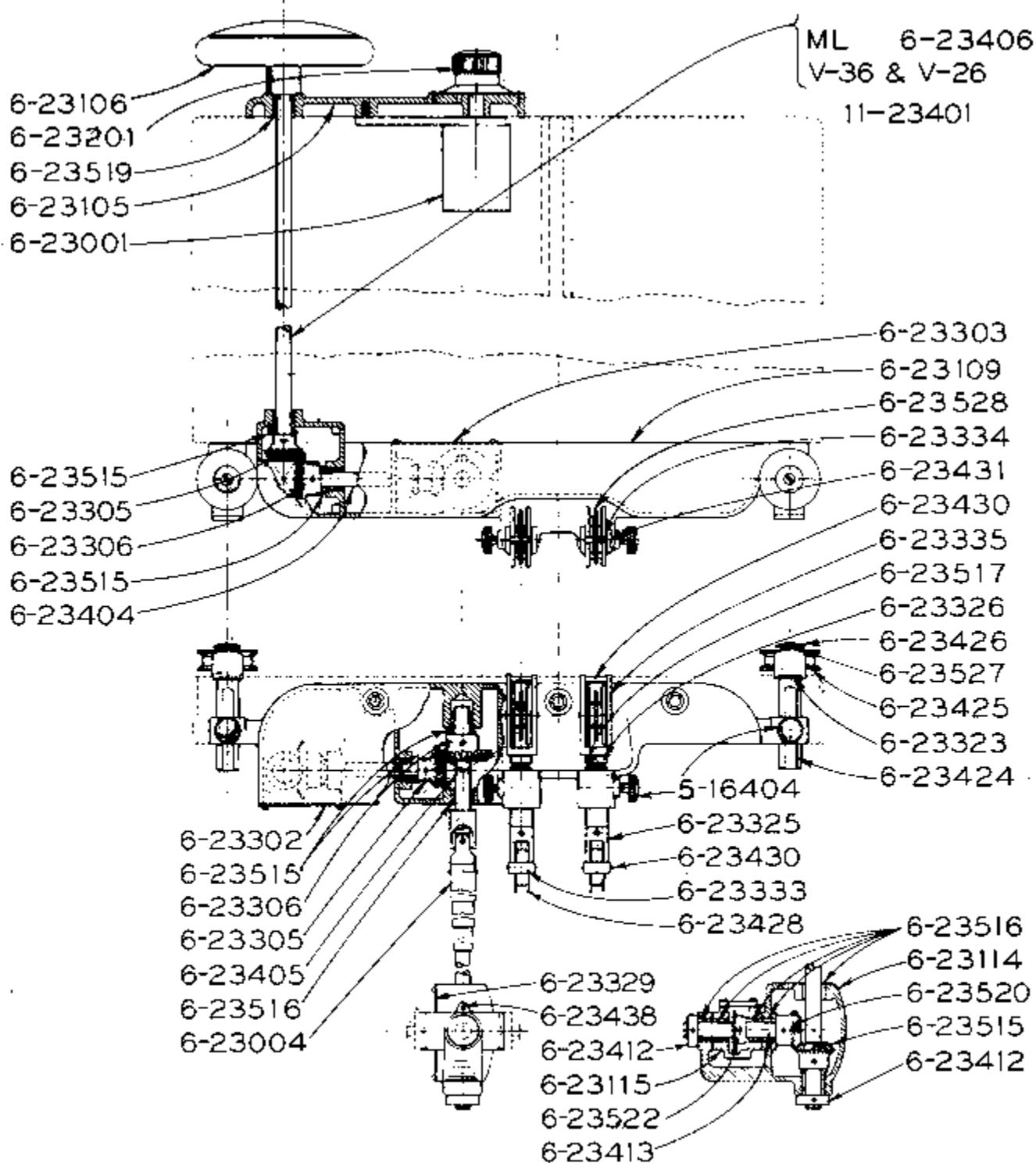


50275-TABLE, V-36 & Z-36-16 ONLY
 BEFORE SER NO
 V-36-36514878
 Z-36-16-5136119

** NOTE: LOWER POST 35-439 USED BEFORE
 SERIAL NOS . . . V26 205 242
 V40 608126
 Z40 6004392
 11-31317-KEEPER USED BEFORE SERIAL NOS
 V36 38514879
 Z36-16 5136 20
 11-31412-TABLE PLATE USED BEFORE SERIAL
 NOS . . . V36 365 4879
 Z36-16 5136120

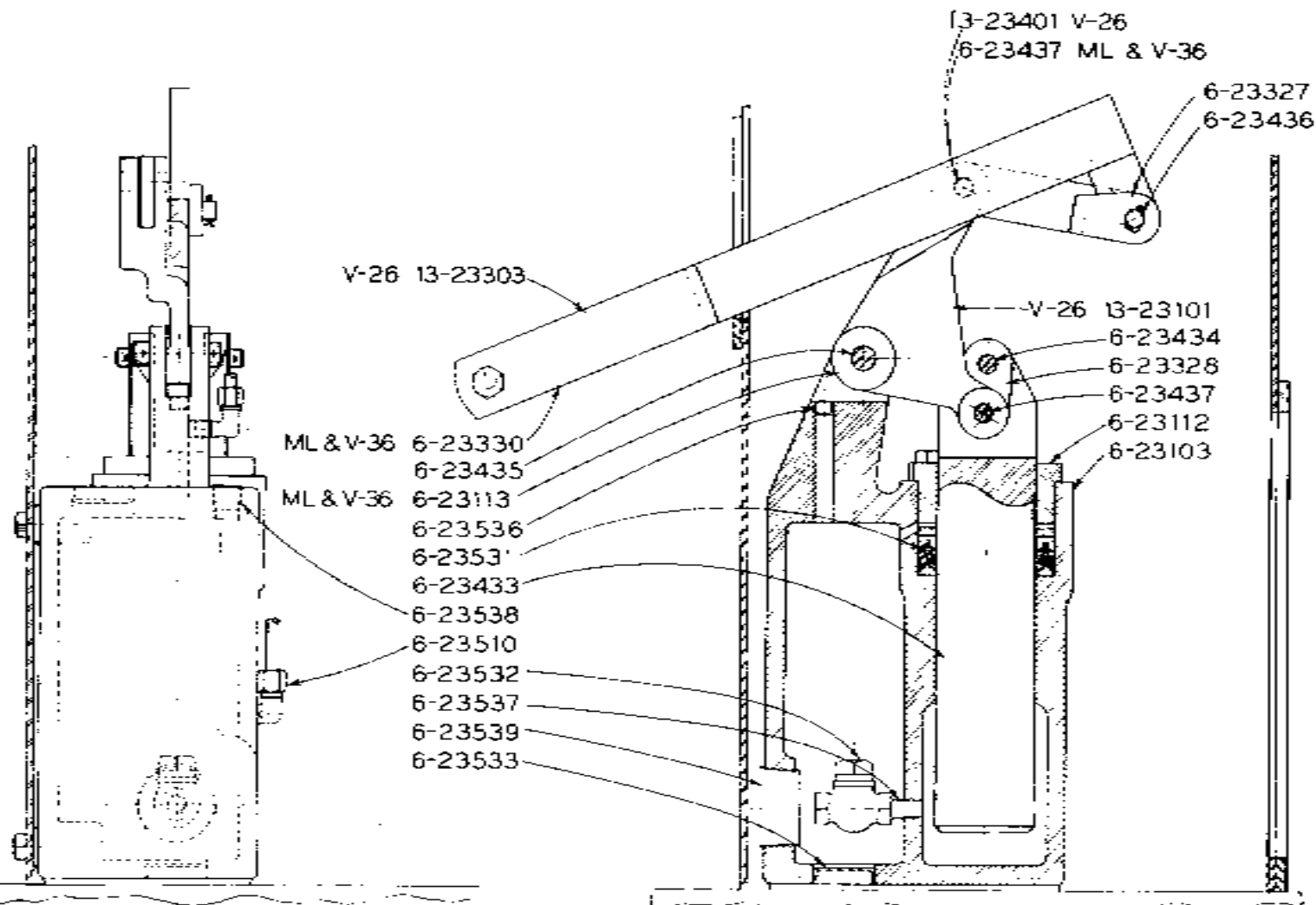
MODEL FIRST MACH- LAST MACH-
 V26 26492 92 2651292 3
 V36 36494541 3653552 8
 V36-3 3154101 3153294
 V60 6069119 6052142
 Z26 4926100 5026110
 Z36 4963836 5066436
 Z36-16 4936106 5336145
 Z60 8005649 8009052

35-8550
 HYDRAULIC AUXILIARY TABLE



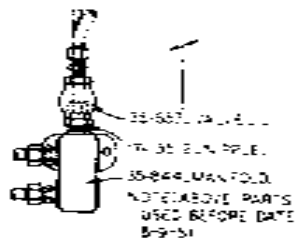
HYDRAULIC CONTOUR POWER FEED ARRANGEMENT CONTROLS

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

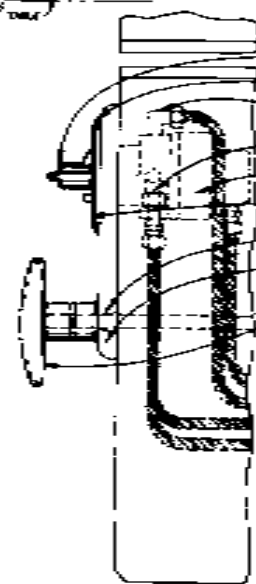


HYDRAULIC CYLINDER ASSEMBLY

MODEL	FIRST MARCH	LAST MARCH
ML	43889	436686
V26	264072	26431011
V36	3640225	36432778



C-9-58, Z-8-3

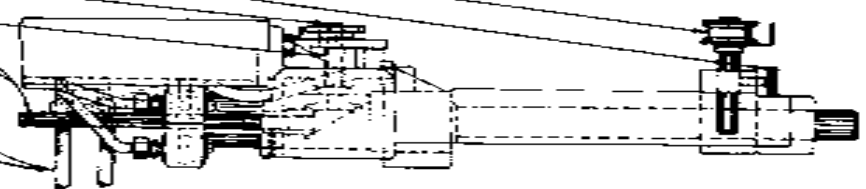


- 1-BAR_60-2, 36-2, 26-2, DZ-36_35-652
- 1-BRACKET_35-650
- 1-RETAINER_35-673
- 1-SPROCKET_35-672
- 2-GEAR_36 TEETH_6-23306
- 2-GEAR_26 TEETH_6-23305
- 3-OILITE_6-23521
- 1-SHAFT_35-499
- 1-REAR CAP_35-477
- 1-FRAME MANIFOLD_35-838
- 1-TABLE MANIFOLD_35-837
- 35-822-HANDLE_1
- 35-827-PLATE_1
- 35-318-ELBOW_4
- 35-319-UNION_6
- 24406-VALVE ASSY_1
- 35-828_SEL PLATE_1
- 6-23519-OILITE_1
- 35-829-PANEL_1
- 35-657-HANDWHEEL_1

- 2-CLAMP_35-497
- 2-ROLLER ASSEM_35-671
- 2-THUMB SCREW_34-17401
- 1-SHAFT_35-478
- 1-OILITE_4070
- 1-SHAFT_6236_5121
- V26 V36 V36-3, V60, Z26, 236-16, 260_35-334
- 2-HOSE_18" 35-321
- OR_31" 5260

- 35-5013.CHAIN ASSY_1
- 35-662-CYLINDER ASSM_1
- 35-651-PISTON ROD_1
- 35-464-GLAND_1
- 35-462-PACKING_1
- 35-322-FRONT CAP_1
- 35-463-GASKET_4
- 35-466-SNAP RING_4
- 35-465-COLLAR_2
- 35-457-CYL. BODY_1
- 35-459-STOP COLLAR_1
- 35-460-PISTON CUP_2
- 35-458-PISTON BODY_1
- 35-461-WASHER_1

FITS FOLLOWING MODELS
BEFORE 1952
V-25 V-36
V-36-3 V-60
Z-25, Z-36-16
Z-60, 16-2
36-2, 60-2
60-3, 32 36



HYDRAULIC CONTOUR POWER FEED

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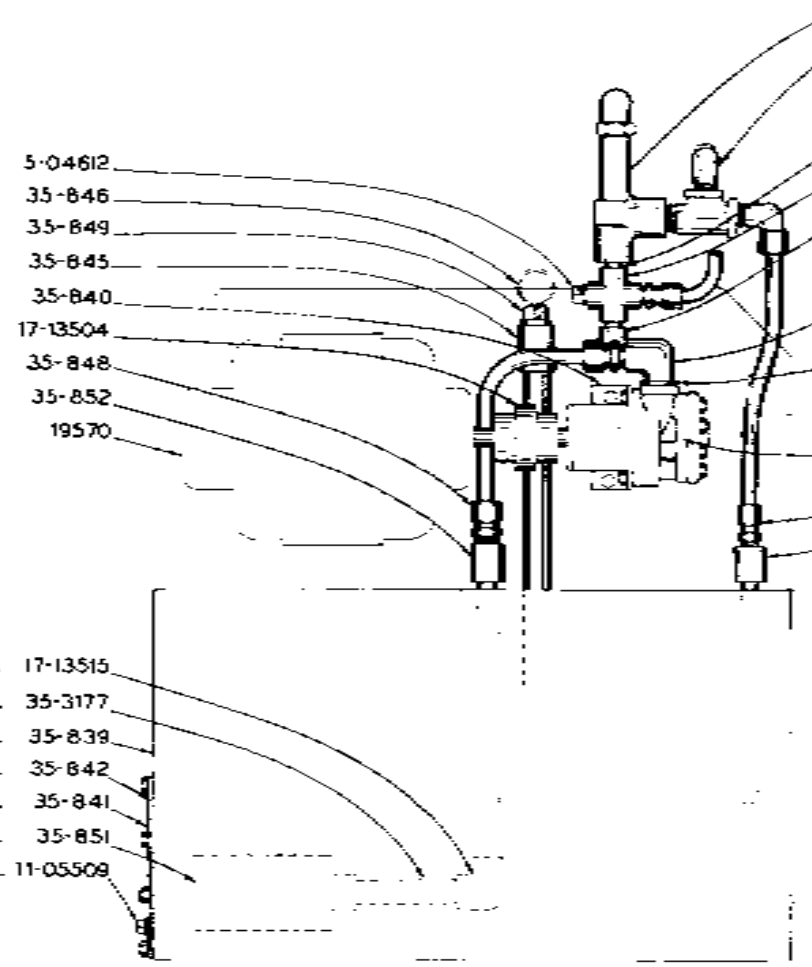
- 1-1/4 P PLUG - - - - 5-04612
- 1-DIPSTICK - - - - 35-846
- 1-PLUG - - - - 35-849
- 1-1/2 P COUPLING - - - - 35-845
- 1-BRACKET - - - - 35-840
- 1-COUPLING - - - - 17-13504
- 2-3/8 P X 1/2 T UNION - - - - 35-848
- 1-3/8 P COUPLING - - - - 35-852
- 1-1/3 HP MOTOR - - - - 19570

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

- 17-13505-RELIEF VALVE - - - - 1
- 35-318-1/4 P X 3/8 T ELBOW - - - - 3
- ALTERNATE-35-847-1/4 P SERVICE TEE
35-317-1/4 P X 3/8 T TEE
- 17-13512-1/4 P CLOSE NIPPLE - - - - 2
- 35-850-1/4 P CROSS - - - - 1
- 35-519-1/4 P STANDARD ELBOW - - - - 1
- 35-2344-1/4 X 2 P NIPPLE - - - - 1
- 17-13521-1/4 P STREET ELBOW - - - - 1
- 5-11513 3/8 P STREET ELBOW - - - - 1
- 35-300-1/2 TO 3/8 P BUSHING
- 35-296-1/2 TO 1/4 P BUSHING
- 5-11517-3/8 TO 1/4 P BUSHING
- 35-341-HYDRAULIC PUMP BOOPER - - - - 1
- 4102-HYDRAULIC PUMP BUTHELL - - - - 1
- GIVE MAKE OF PUMP WHEN ORDERING
- 35-319-1/4 P X 3/8 T UNION - - - - 2
- 35-308-1/4 P COUPLING - - - - 1

35-8-75

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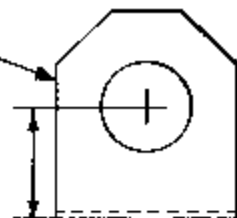
NOTE: IF PIPING IS DIFFERENT FROM
DRAWING, GIVE SIZE & DESCRIPTION
OF FITTINGS WHEN ORDERING.

MODELS ML, V26, V36, V60, Z16, Z26, Z36-16, Z60

HYDRAULIC TANK ASSEMBLY-35-5204

FIRST UNIT-0-15-43
LAST UNIT-8-14-52

BRACKET-20622-DIM. TO ϕ OF SHAFT 3 1/2"
 BRACKET-26031-DIM. TO ϕ OF SHAFT 3"



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

2-NIPPLE---35-1127
 3-PLUG _ _ _ 6-33518
 1-DIP STICK_ 35-846
 1-PLUG _ _ _ 35-849
 1-COUPLING _ 35-845

14-11505-RELIEF VALVE

35-983-TEE _ _ _ _ 1

14-115196-CONNECTOR

2028-CROSS _ _ _ _ 1

14-366-NIPPLE _ _ _ 1

5-11513-ELBOW _ _ _ 3

35-897-ELBOW _ _ _ 1

4102-PUMP _ _ _ _ 1

20622-BRACKET _ _ _ 1

26031-BRACKET _ _ _ 1

SEE DETAIL ABOVE
 FOR CORRECT
 BRACKET

35-854 COUPLING

5849-UNION _ _ _ _ 2

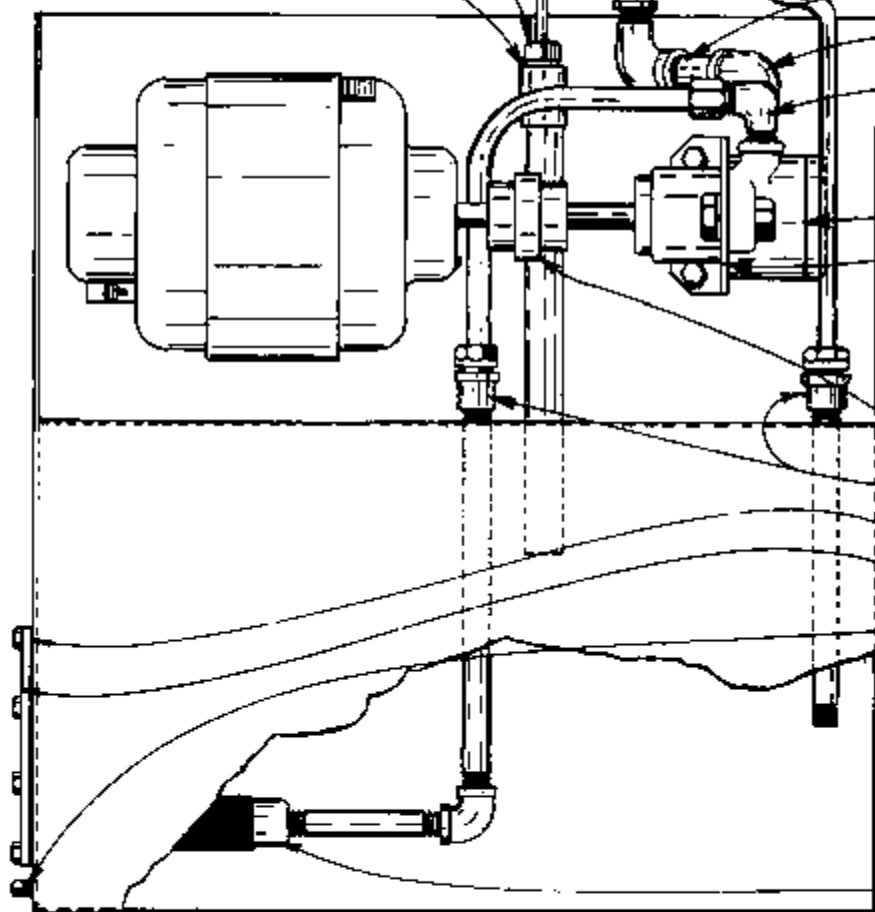
4661-GASKET _ _ _ _ 1

4662-PLATE _ _ _ _ 1

11-05509-PLUG _ _ _ 1

50676-TANK _ _ _ _ 1

35-851-FILTER _ _ _ 1



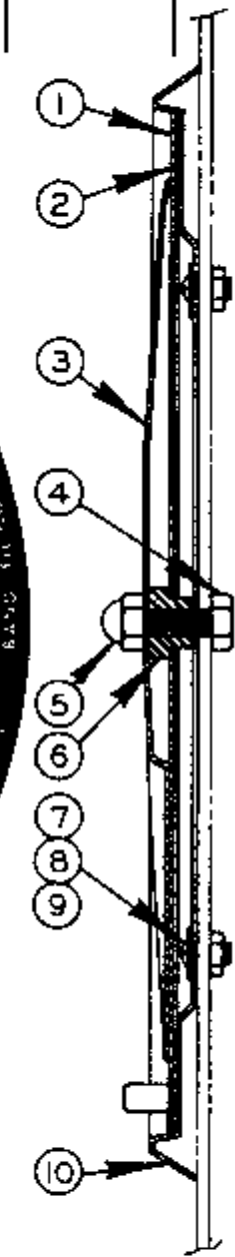
*NOTE: WHEN ORDERING MOTOR
 SPECIFY VOLTAGE PHASE AND
 CYCLE.

35-5204
 HYDRAULIC TANK ASSEMBLY

FIRST UNIT 8-14-52

C-9-76, Z-8-21

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JOB SELECTOR ASSEMBLY

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

PRINTED IN U.S.A.

JOB SELECTOR

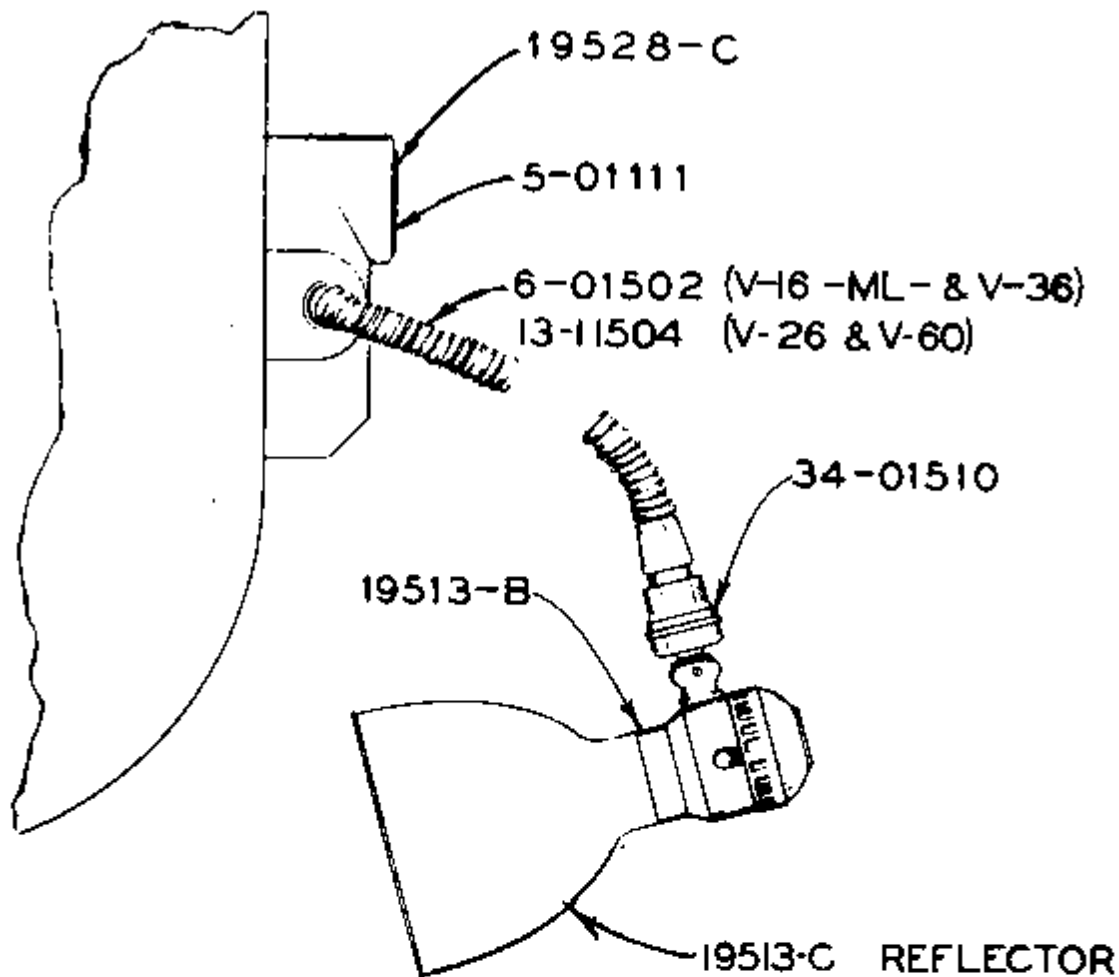
INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	090-468174	Job Selector (1612-U, 3012-U, 1611-H, 2612-1H, 2013, 2013-0, 2012-A, 2012-AT, 1612-0, 3613-0, 1612, 3612, 2013-1, 2013-10, 2012-1A, 2012-1AT, 3612-1H, 3612-1, 3613-10)	
*Ref.	090-435603	Job Selector (1612-1, 3613-1, 2612-1, 2613-2, 6013-2, 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.

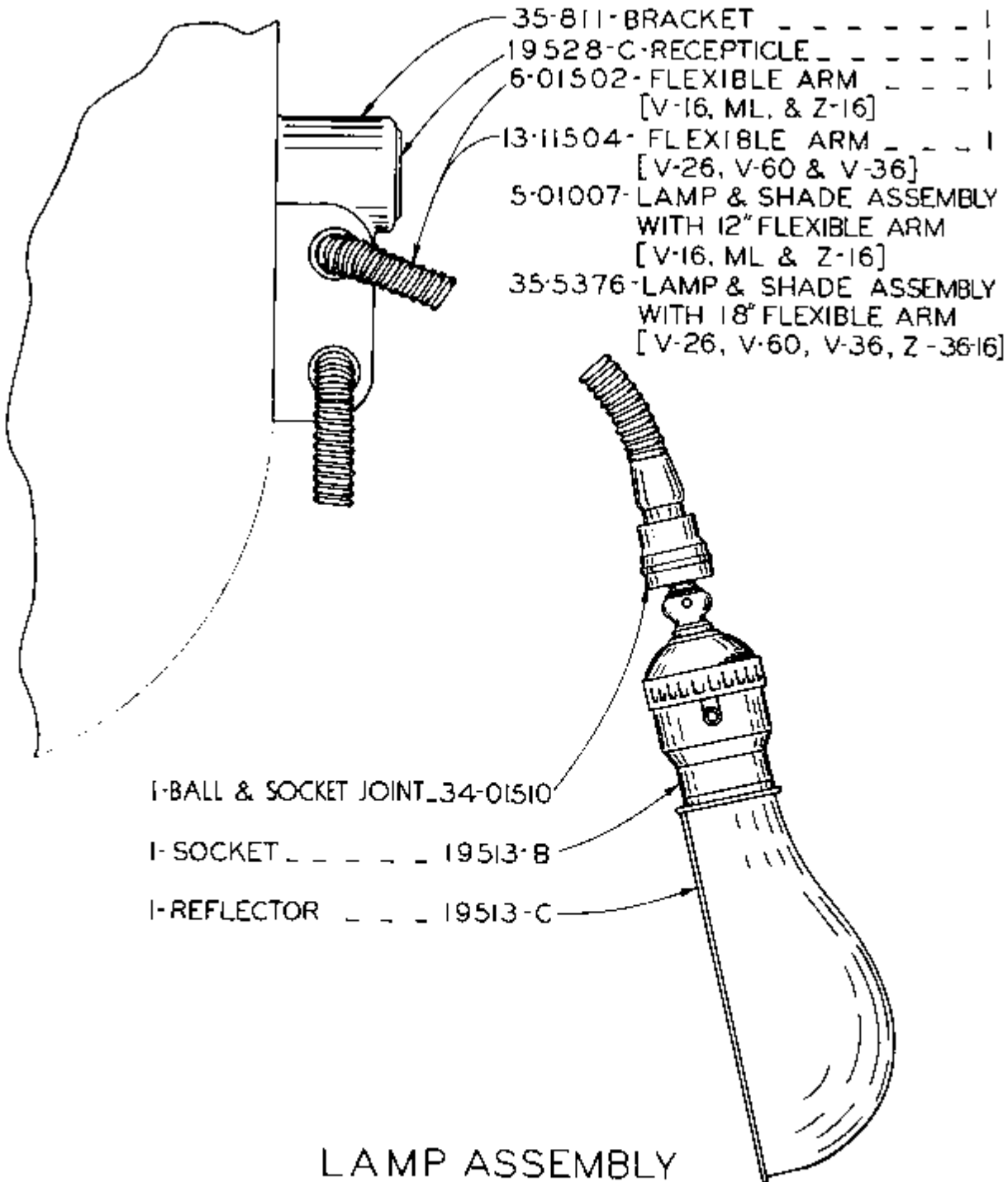
*NOTE: Last Used On Models:

MODEL	LAST MACH.
1613-2	150-69593
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



- 35-811-BRACKET _ _ _ _ _ 1
- 19528-C-RECEPTACLE _ _ _ _ _ 1
- 6-01502-FLEXIBLE ARM _ _ _ _ _ 1
[V-16, ML, & Z-16]
- 13-11504-FLEXIBLE ARM _ _ _ _ _ 1
[V-26, V-60 & V-36]
- 5-01007-LAMP & SHADE ASSEMBLY
WITH 12" FLEXIBLE ARM
[V-16, ML & Z-16]
- 35-5376-LAMP & SHADE ASSEMBLY
WITH 18" FLEXIBLE ARM
[V-26, V-60, V-36, Z-36-16]

- I-BALL & SOCKET JOINT_34-01510
- I-SOCKET _ _ _ _ _ 19513-B
- I-REFLECTOR _ _ _ 19513-C

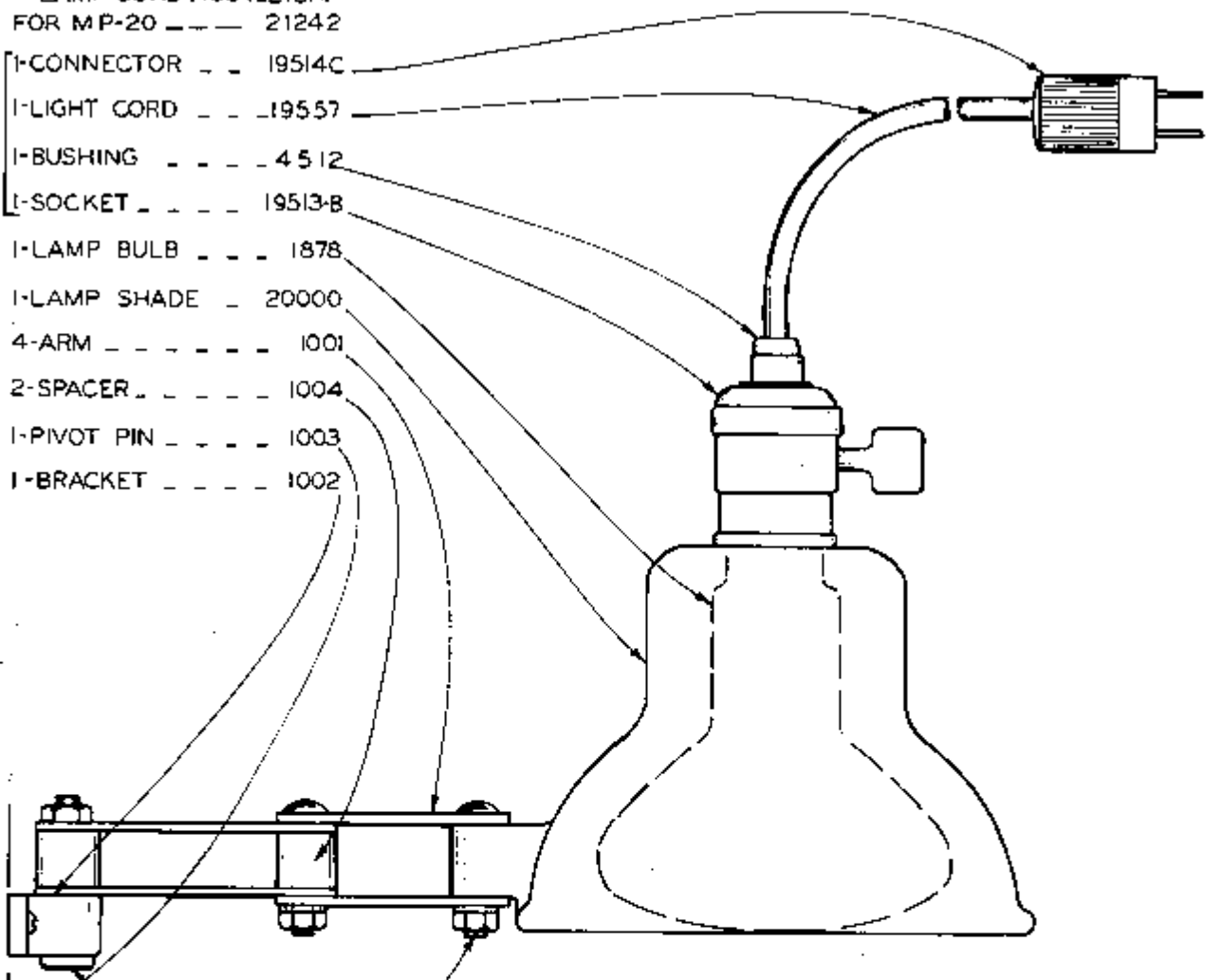
LAMP ASSEMBLY

MODEL	FIRST MACHINE	LAST MACHINE
ML, & V-16	4 47 199	5115574
V-26	26441212	26512425
V-36	36443010	36514876
V-60	604499	6051125
Z-16	4505116	5116337
Z-36-16	4 736051	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-18	18-51823	48-599
ML	5115575	5418353
V-36	36-514877	36-53626
V-25	25-512426	25-52923
Z-18	5118338	5318402
Z-36-18	5138119	5336145
Z-60	60-6351	60-69053
MP-20	32-49101	32-53786

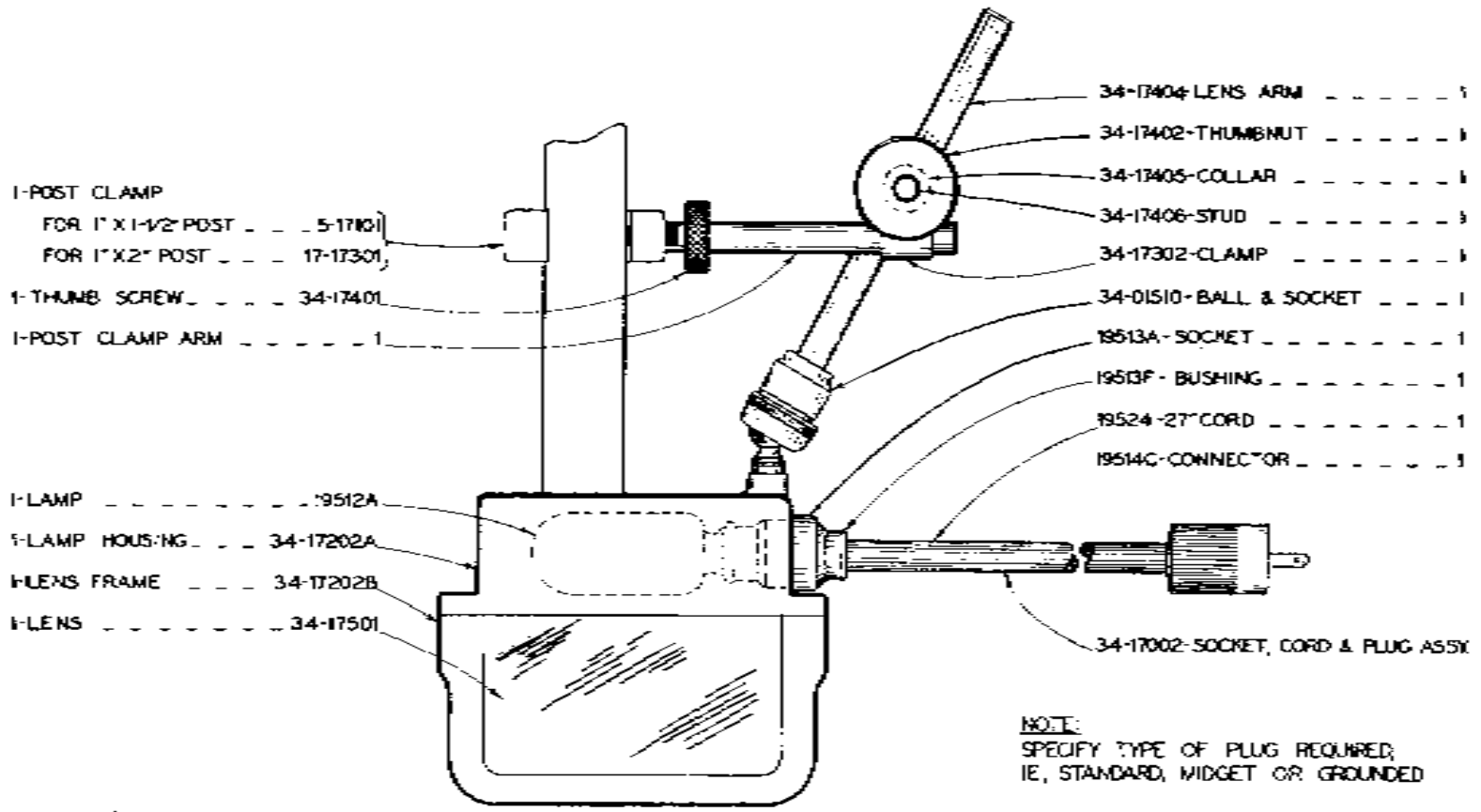
C-8-2

CM-8-26

Z-7-3

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C-110-14

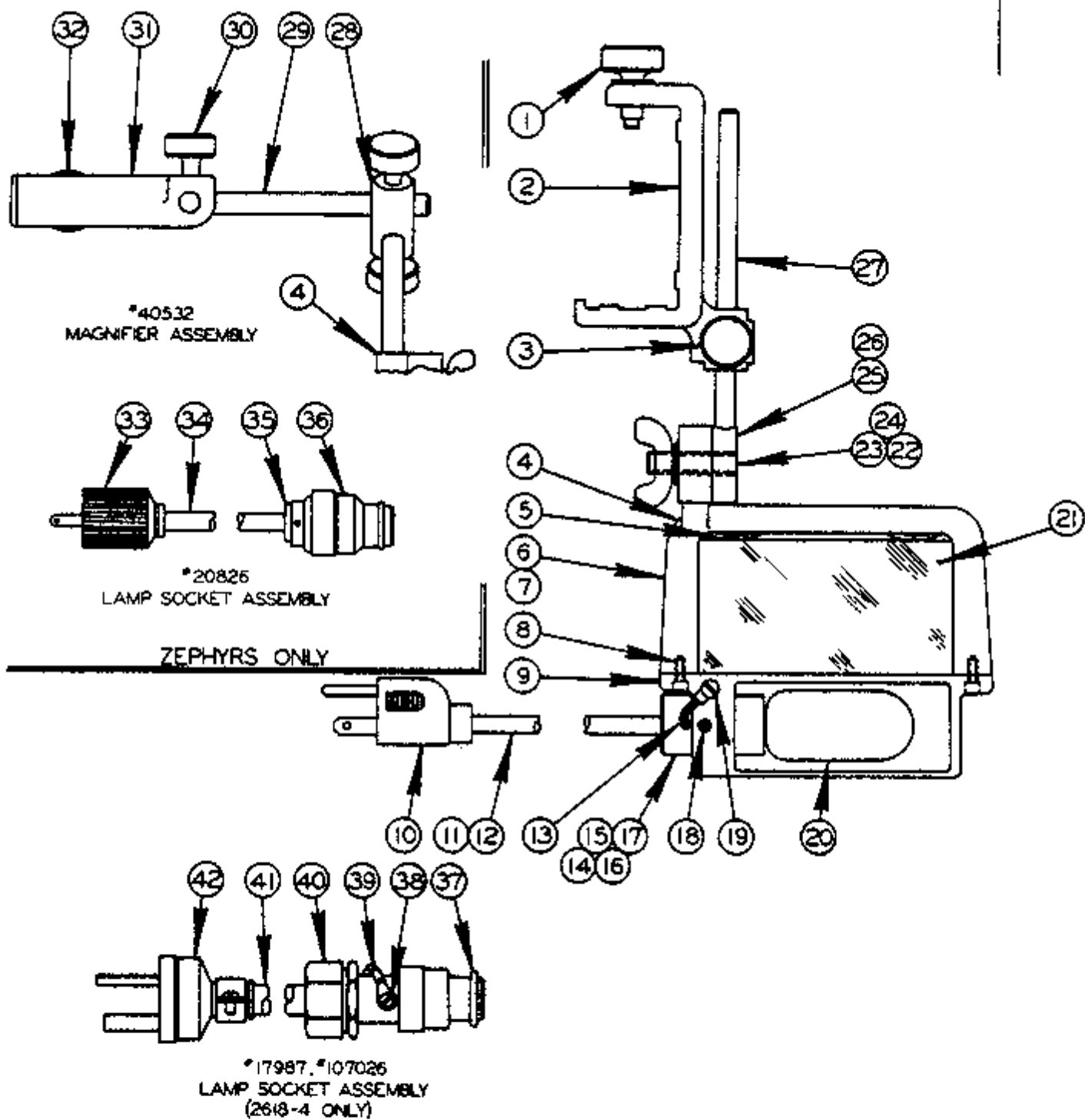


NOTE:
 SPECIFY TYPE OF PLUG REQUIRED,
 IE, STANDARD, MIDGET OR GROUNDED

MODELS ML V16, V26, V36, V60
 MAGNIFIER ATTACHMENT

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

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MAGNIFIER ATTACHMENT
ASSEMBLY

MAGNIFIER ATTACHMENT ASSEMBLY

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASSY
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(As'sys #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
	091-070290	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, #091-070290)	Use
	135-008720	Swivel (Assembly #135-008761, #090-183757)	One
27	135-005569	Arm (Assembly #135-005601)	Use
	091-070243	Arm (Assembly #091-070290)	
	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.	090-208245	Lamp Socket Assembly (Zephyrs)	1
33	091-353946	Midget Card Connector	1
34	090-007923	Rubber Card	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	Card Grip Connector	1
41	090-007956	Rubber Card	A.R.
42	090-162132	Plug U-Ground	1

NOTE 1 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
 2 BEFORE 4-3-42 W-EN LEVER 5-13315 WAS CAST IRON. REPLACE 5-13315 WITH 5-13111 & 5-13113 WITH 34-13111
 3 WHEN REPLACING BRACKET 35-6397, ORDER 2 SCREWS 35-6398 & 2 STUDS 35-6399

2-WHEEL ----- 34-13106
 2-STUD ----- 34-13404
 4-CAP ----- 34-13301

2-STUD ----- 34-13405
 2-NUT ----- 34-13418
 1-CORD ----- 5-13509
 1-CAP ----- 34-13311
 1-AXIS ----- 34-13406
 1-CLEVIS ----- 5-13106
 1-PIN ----- 5-13402
 1-BEAM ----- 5-13302
 1-AXIS ----- 34-13406
 1-PIN ----- 5-13411
 1-HINGE ----- 5-13103
 1-BEAM ----- 5-13301
 1-BRACKET ----- 5-13102
 1-CHAIN ----- 5-13510
 1-PIN ----- 5-13413
 1-ANCHOR ----- 5-13314
 1-LEVER ----- 5-13315
 1-ANCHOR ----- 5-13316
 1-PIN ----- 5-13416
 1-WASHER ----- 5-13317

5-13508-HOOK END 1*

5-13507-EYE END 1

CHAIN
 ML & V36 6-13501
 V16 5-13506

35-6397-BRACKET 1

34-13504-BEARING 5

13-13401-ROLLER & PIN 1

5-13112-WEIGHT 1

5-13105-BRACKET 1

5-13401-SCREW 1

5-13408-SHAFT 1

34-13508-BALL 1

34-05103-HANDWHEEL 1

34-05524-UN. JOINT 1

5-13103-HINGE 1

34-05410-COLLAR 2

5-13102-BRACKET 1

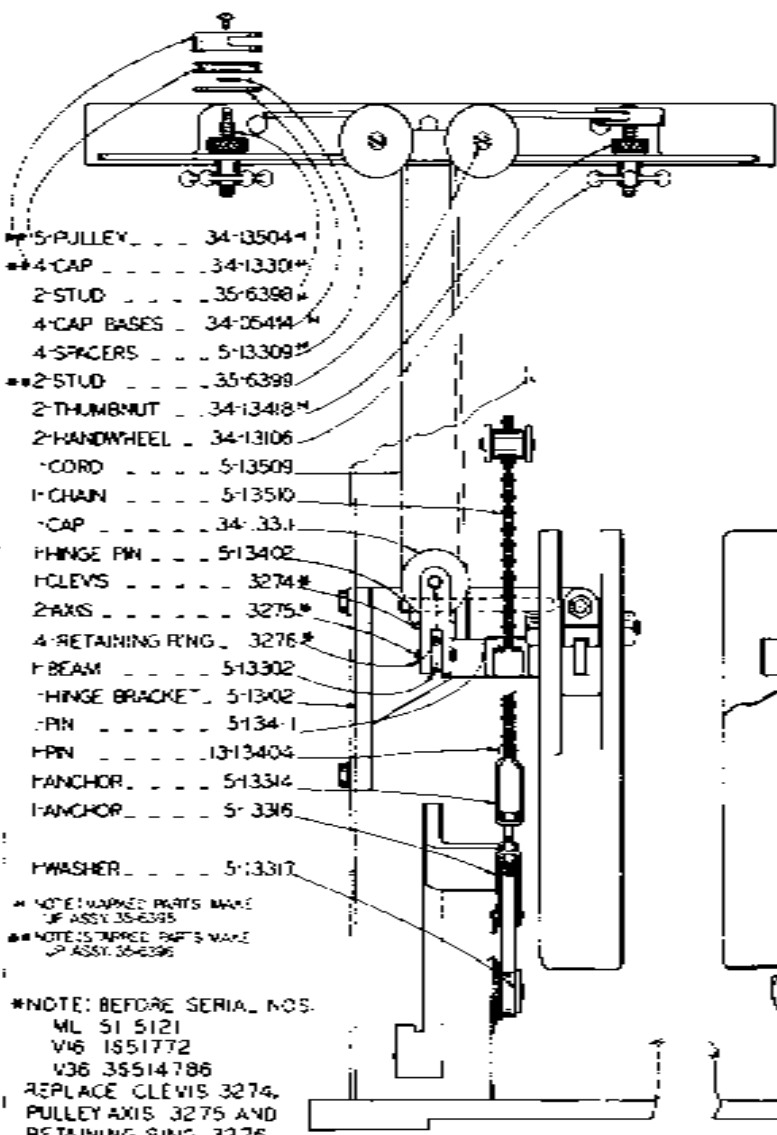
5-13113-PEDAL MOUNT 1

5-13410-NUT 4

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

MODEL	FIRST MACH	LAST MACH
ML	3801	483605
V16	3801	1648485
V36	363949	36484345

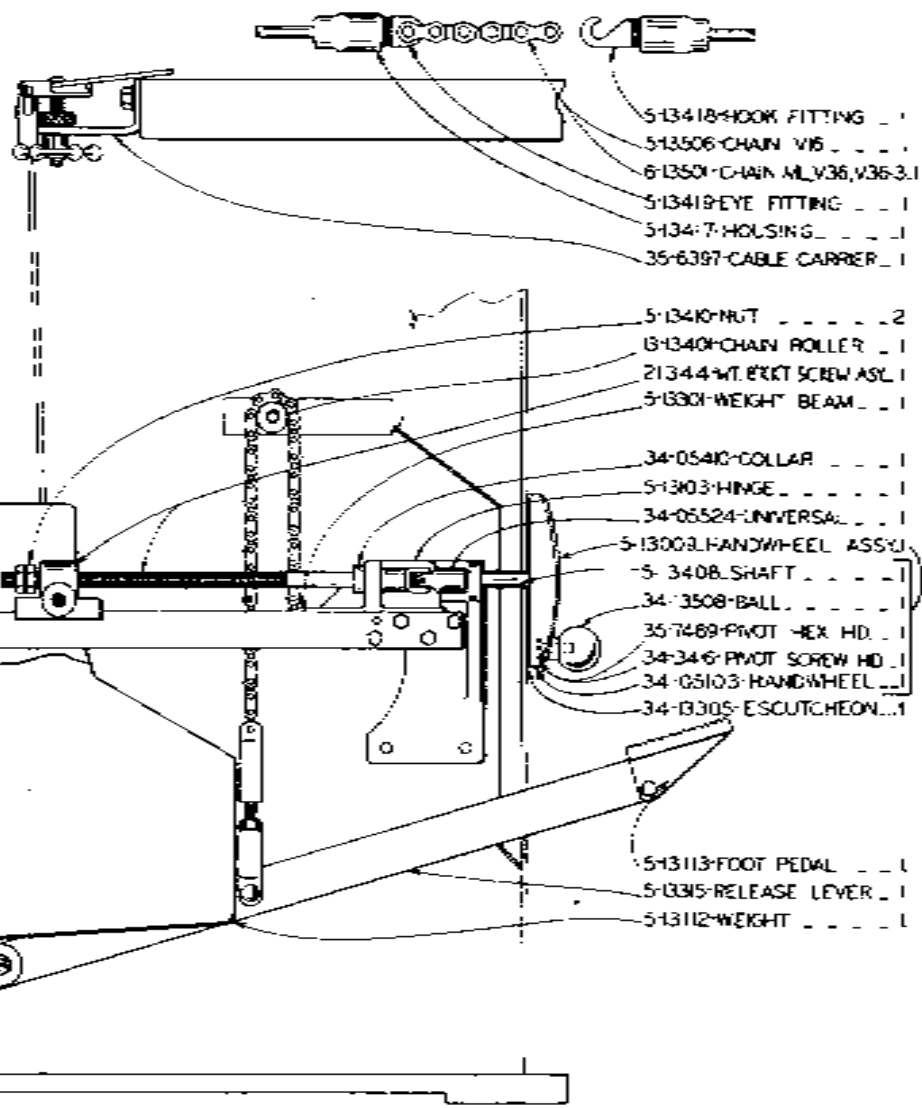
C-9-R Z-B-1A



- 5-PULLEY . . . 34-13504
- 4-CAP . . . 34-1330
- 2-STUD . . . 35-6398
- 4-CAP BASES . . . 34-0544
- 4-SPACERS . . . 5-13309
- 2-STUD . . . 35-6399
- 2-THUMB NUT . . . 34-13418
- 2-HANDWHEEL . . . 34-13106
- CORD . . . 5-13509
- CHAIN . . . 5-13510
- CAP . . . 34-1331
- HINGE PIN . . . 5-13402
- CLEVIS . . . 3274
- 2-AXIS . . . 3275
- 4-RETAINING RING . . . 3276
- BEAM . . . 5-13302
- HINGE BRACKET . . . 5-13402
- PIN . . . 5-1341
- HPIN . . . 13-13404
- HANCHOR . . . 5-13314
- HANCHOR . . . 5-3316
- WASHER . . . 5-13317

* NOTE: MARKED PARTS MAKE UP ASSY 35-6395
 ** NOTE: MARKED PARTS MAKE UP ASSY 35-6396

*NOTE: BEFORE SERIAL NOS.
 ML 515121
 V16 1851772
 V36 35514786
 REPLACE CLEVIS 3274,
 PULLEY AXIS 3275 AND
 RETAINING RING 3276
 TOGETHER.



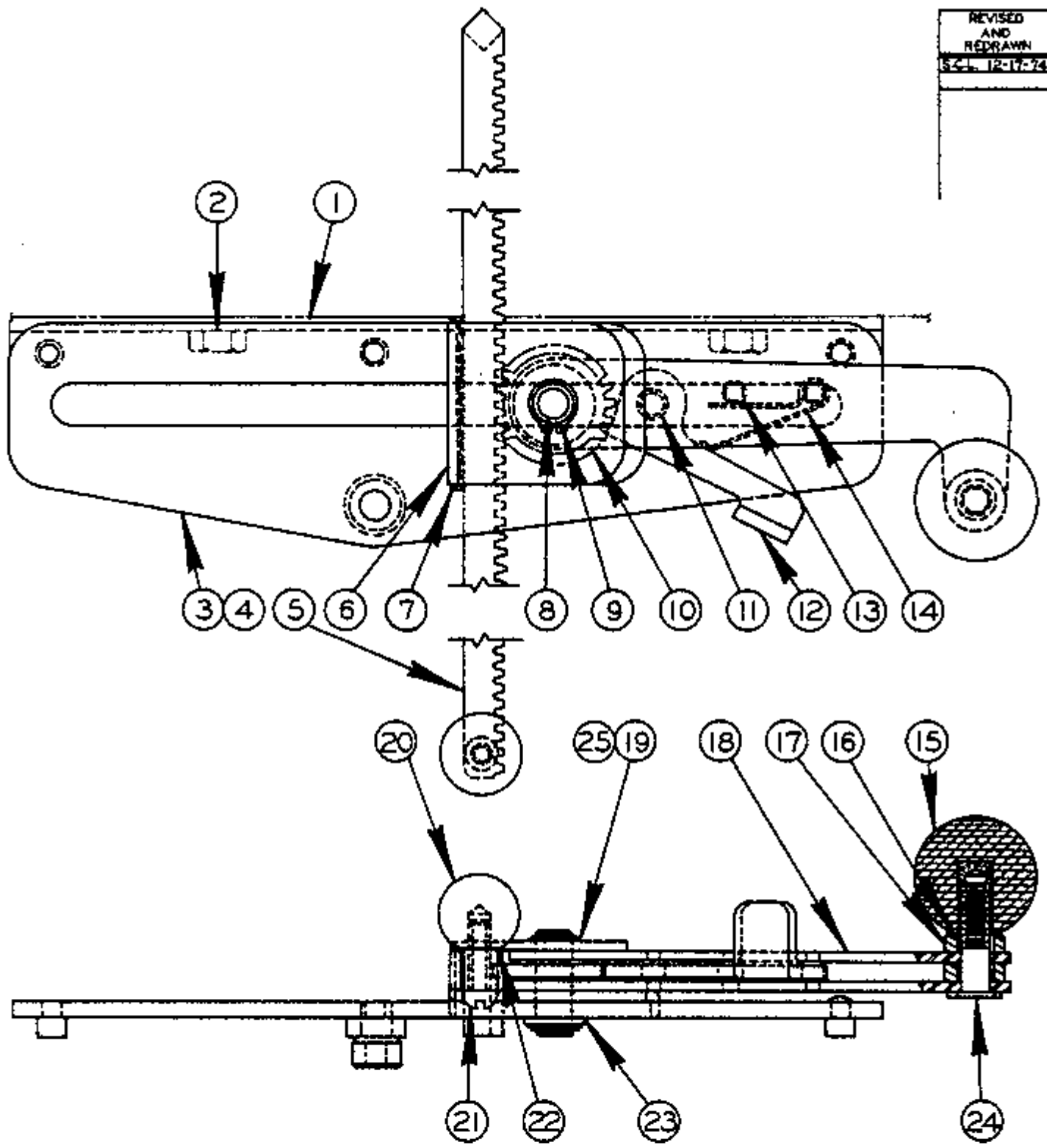
- 5-13418-HOOK FITTING . . . 1
- 5-13506-CHAIN V16 . . . 1
- 6-13501-CHAIN ML,V36,V36-3 . . . 1
- 5-13419-EYE FITTING . . . 1
- 5-13417-HOUSING . . . 1
- 35-6397-CABLE CARRIER . . . 1
- 5-13410-NUT . . . 2
- 13-13401-CHAIN ROLLER . . . 1
- 21344-WT. BRKT SCREW ASSY . . . 1
- 5-13301-WEIGHT BEAM . . . 1
- 34-05410-COLLAR . . . 1
- 5-1303-HINGE . . . 1
- 34-05524-UNIVERSAL . . . 1
- 5-13003-HANDWHEEL ASSY . . . 1
- 5-3408-SHAFT . . . 1
- 34-3508-BALL . . . 1
- 35-7489-PIVOT HEX HD . . . 1
- 34-346-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
V16	4813506	54253
V36	5-68165	32750
V36-3	34484346	37534

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REVISED
AND
REDRAWN
54-12-17-74



RATCHET TABLE FEED ASSEMBLY

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

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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_HSV3_HSV3_LSV3_SFP3.
35-543
ML_Z16_16_LSV_16_SFP
30GFP_MO-16.
35-542
V26_Z26_V36_Z36-V60
Z60_36R_36W_Z36-16
Z26_Z60_V36-3.
35-2460
Z36

1-WORK GUIDE _ _ 35-2461
35-547-V16
35-548-ML, Z18 MO-16
35-546-V26, V36, V60, Z26
V36-3, Z36-16, Z60
35-2461-Z36

1-CLAMP _ _ _ _ 35-544
35-545-ML V16 Z18 MO-16
35-544-V26 V36 V60 Z26
V36-3, Z36, Z36-16, Z60

1-GUIDE _ _ _ _ 11-16302
5-16302-ML V16 Z18 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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RIP FENCE ASSEMBLY

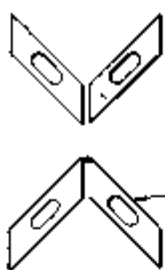
E-7 & 8

FIRST USED IN 1939
LAST USED 1960

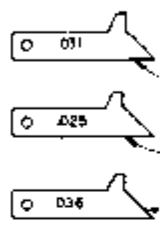
REVIEWS
NO. 1-41

SAW GUIDE INSERT-1/16"-1/2" ASSY 4:41

SAW GUIDE INSERT-1/16"-1" ASSY 4:140



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

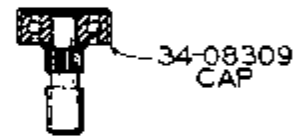
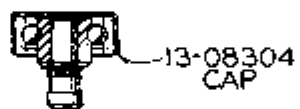
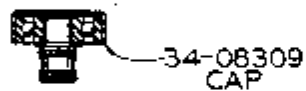
CAP
 SCREWS
 1/4-20X3/4"

WASHERS
 34-08502

OBLIQUE SAW GUIDE
 BEARING ASSEMBLY
 34-08012

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

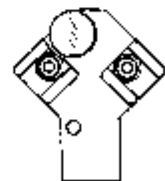
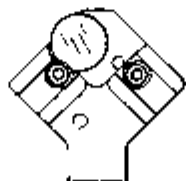
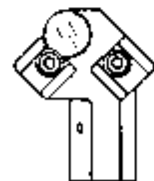
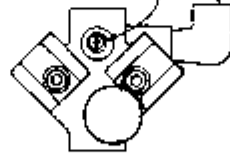
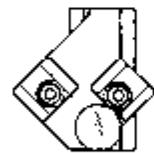
1/16 TO 1/2" SAW GUIDE
 BEARING ASSEMBLY
 34-08009



34-08008
 OBLIQUE UPPER
 SAW GUIDE ASSY.

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

35-453
 1/16 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 *2828-UPPER
 *2828-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	27-540	27-54185
LHV, SFP	19-54-D	79-52112
ML	380	54183583
V 6	380	1833195
V26	263951	28282828
V36	363949	36535628
V36-3	37-51101	37-53204
V20	604050	605242

C-7-1 2-61

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

2-STEEL BALLS -- 5-03502

1- SPRING 5-03501



SECTION
AA

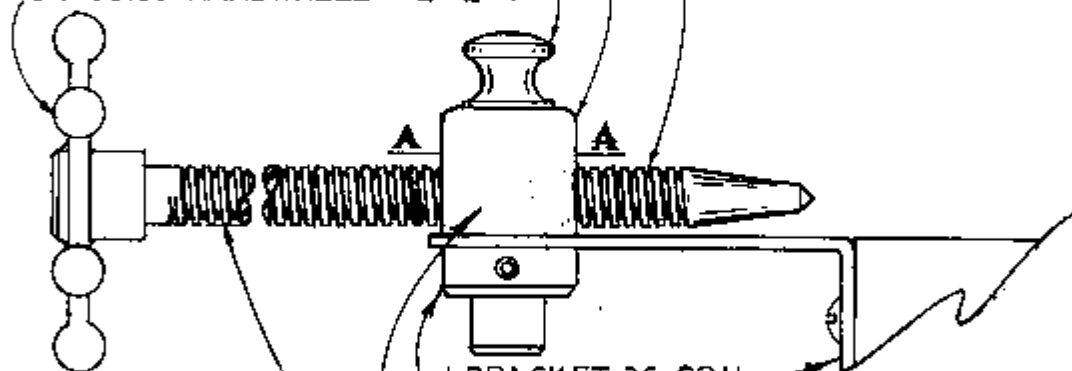
L SCREW

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 ASSY.-1

SCREW & HANDWHEEL ASSY. 1

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

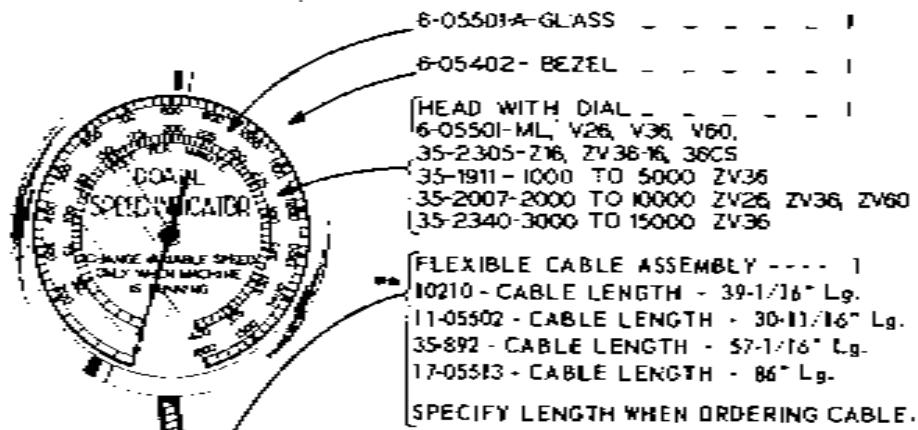
FILLER PLATE MOUNTING
SWIVEL & SCREW ASSY.
WITH 13" LONG SCREW-5-03001
WITH 17" LONG SCREW-35-5442
TABLE BRACKET MOUNTING
COMPLETE ASSY-35-6212

5-03001 -- 35-5442
SCREW FEED

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

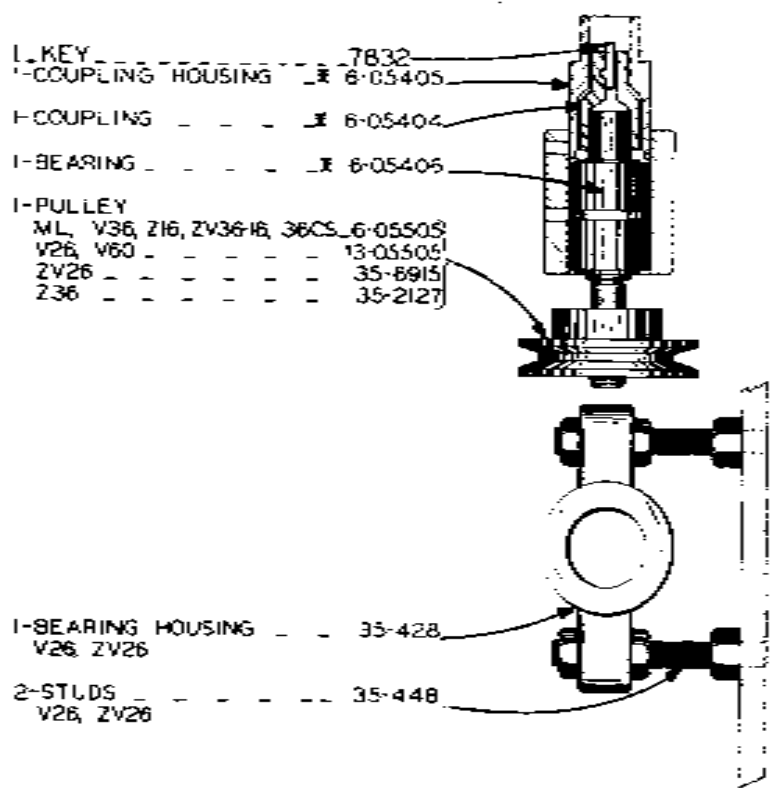
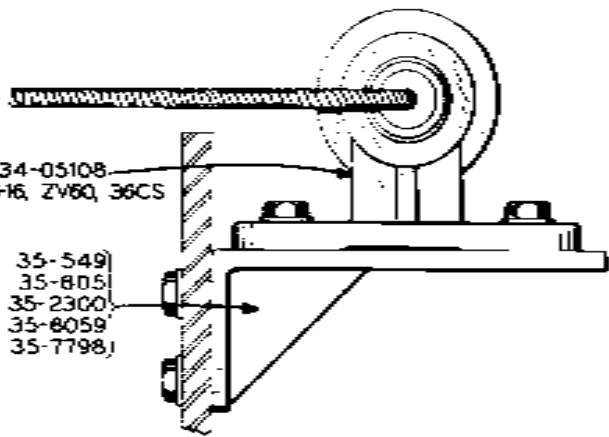
C-10-17 CM-9-6
Z-10-1

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- 6-05501A-GLASS - - - - - 1
- 6-05402- BEZEL - - - - - 1
- HEAD WITH DIAL - - - - - 1
- 6-05501-ML, V26, V36, V60,
35-2305-Z16, ZV36-16, 36CS
- 35-1911-1000 TO 5000 ZV36
- 35-2007-2000 TO 10000 ZV26, ZV36, ZV60
- 35-2340-3000 TO 15000 ZV36
- FLEXIBLE CABLE ASSEMBLY - - - - - 1
- 10210 - CABLE LENGTH - 39-1/16" Lg.
- 11-05502 - CABLE LENGTH - 30-11/16" Lg.
- 35-892 - CABLE LENGTH - 57-1/16" Lg.
- 17-05513 - CABLE LENGTH - 86" Lg.
- SPECIFY LENGTH WHEN ORDERING CABLE.

- I-BEARING HOUSING - - - - - 34-05108
- V36, V60, Z16, ZV36, ZV36-16, ZV60, 36CS
- I-MOUNTING BRACKET
- ML, V36 - - - - - 35-549
- V60 - - - - - 35-805
- Z16, ZV36-16, 36CS - - - - - 35-2300
- ZV26 - - - - - 35-8059
- ZV60 - - - - - 35-7798



- KEY - - - - - 7832
- COUPLING HOUSING - - - - - 6-05405
- COUPLING - - - - - 6-05404
- BEARING - - - - - 6-05405
- PULLEY
- ML, V36, Z16, ZV36-16, 36CS - 6-05505
- V26, V60 - - - - - 13-05505
- ZV26 - - - - - 35-8915
- Z36 - - - - - 35-2127
- BEARING HOUSING - - - - - 35-428
- V26, ZV26
- STUDS - - - - - 35-448
- V26, ZV26

MODEL	LAST MACHINE
ML	5418353
V26	285 2 420
V36	36535628
V60	605 25
Z16	5316402
ZV26	5026110
ZV36-16	5336145
ZV60	6039053
36CS	54087
ZV36	5336145

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

C-3-101 Z-3-50 PRINTED IN U.S.A.

NOTE - BEFORE THE FOLLOWING SERIAL NUMBERS V-26 2641215, V-36 3641476, V-60 604157
 THE FOLLOWING PARTS MUST BE REPLACED AT THE SAME TIME -- 11-03109--11-03110
 11-03305-- 11-03308-- 11-03307-- 11-03308-- 11-03405

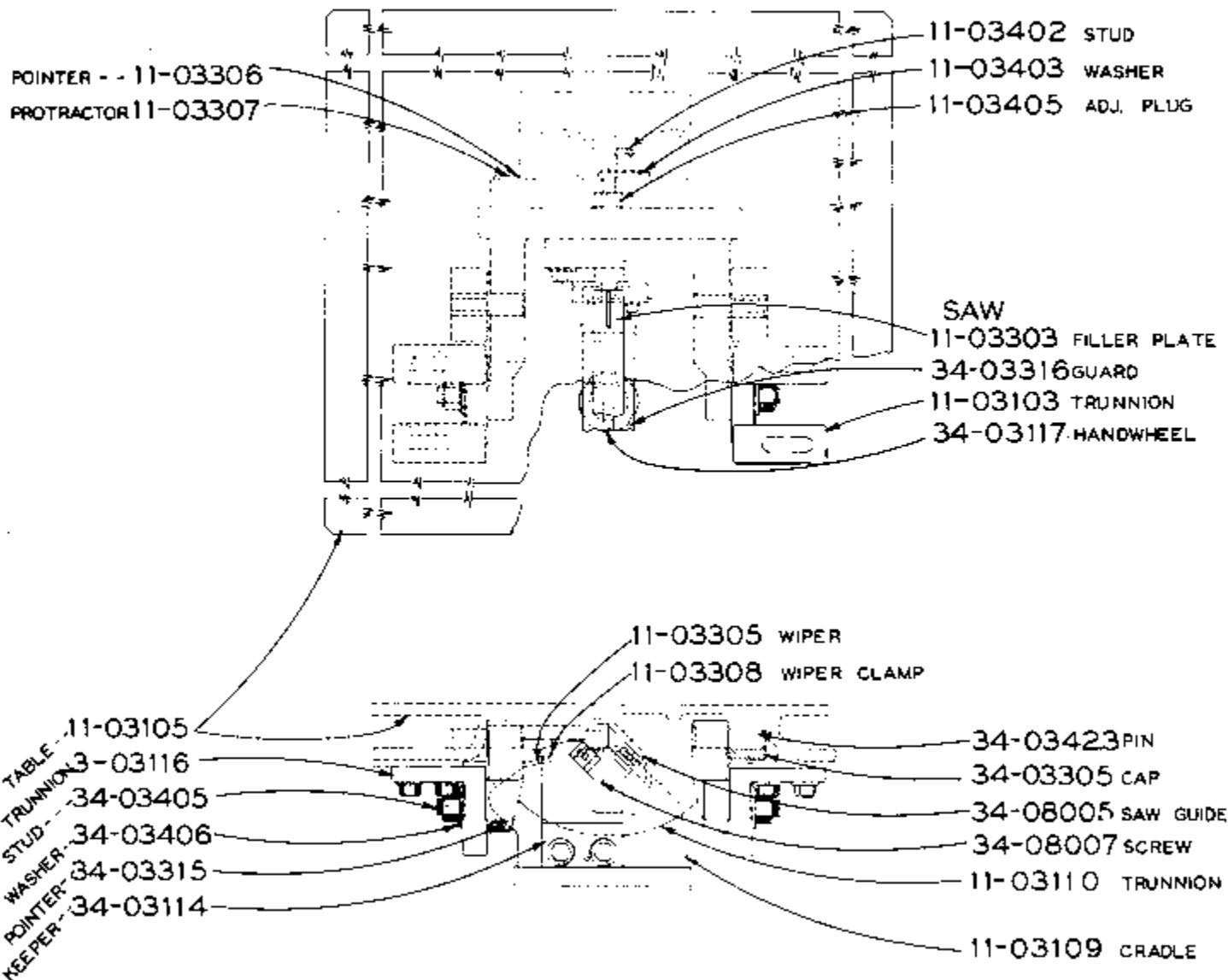


TABLE & TRUNNION ASSEMBLY

MODEL	FIRST MACH	LAST MACH
V-26	26395	26431074
V-36	363949	36474074
V-60	604050	604393

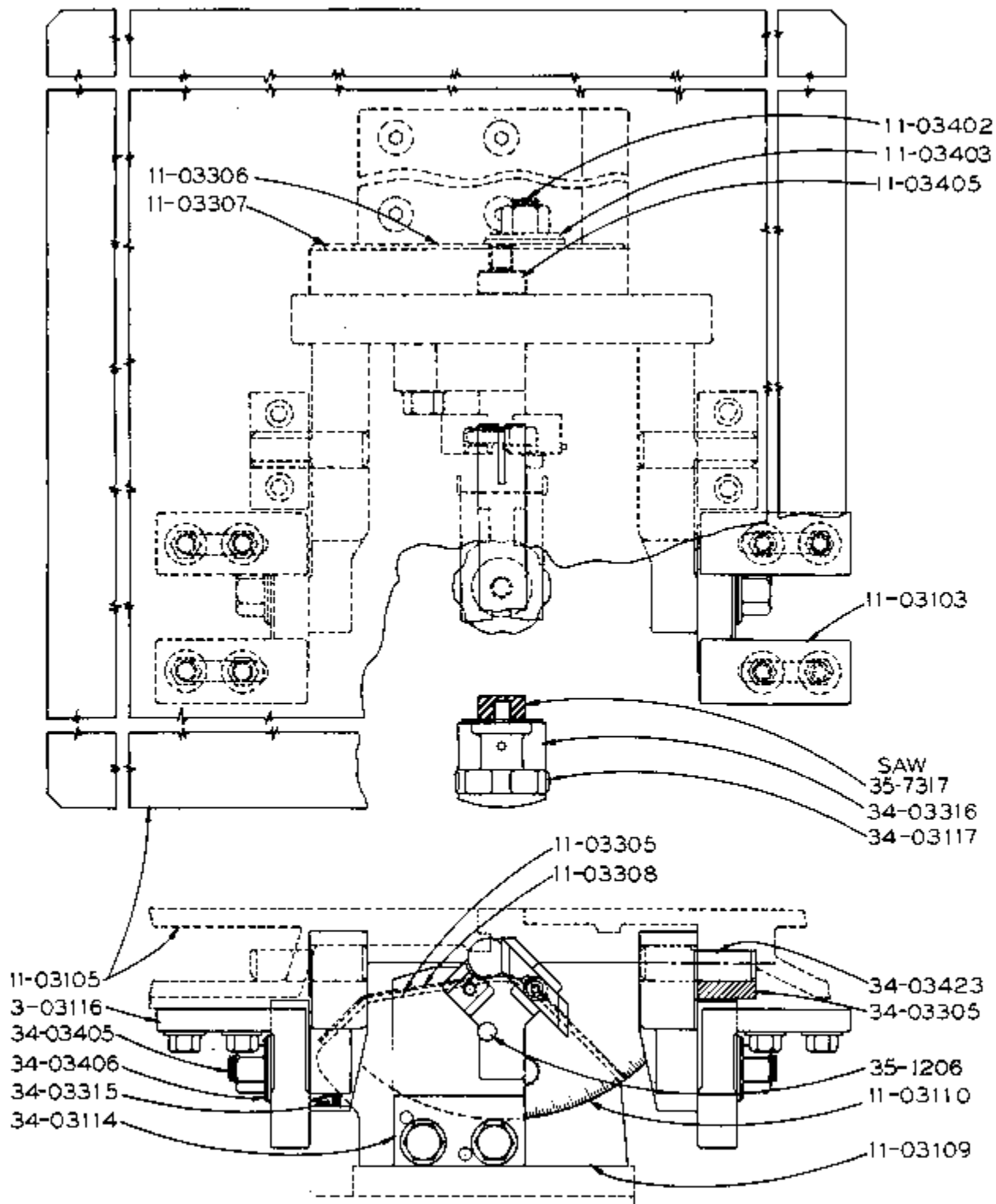
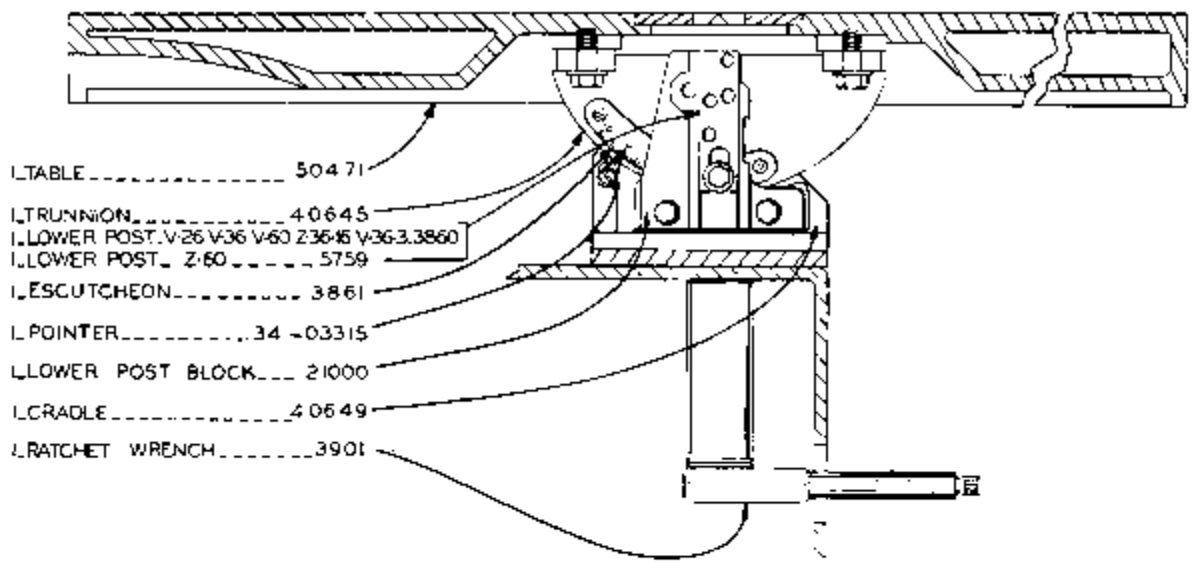


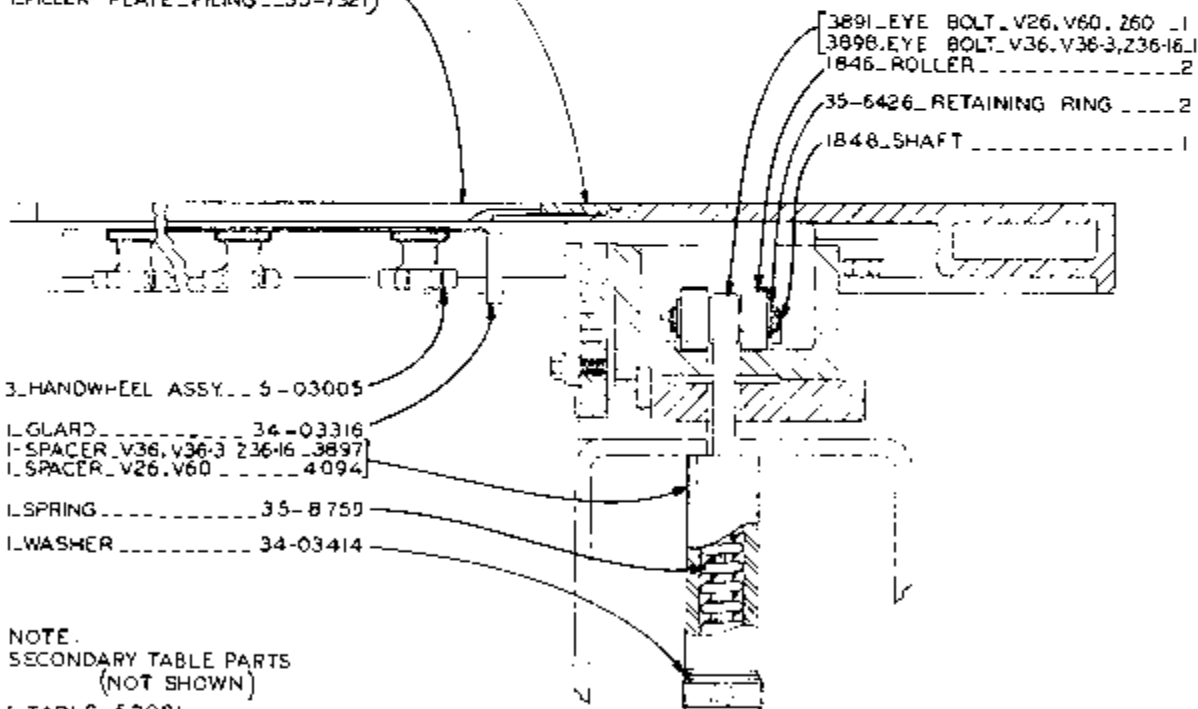
TABLE & TRUNNION ASSEMBLY-V-36,ZS36-16 & ZV36-16

MODEL	FIRST MACH.	LAST MACH.
V-36	36474075	36514877
ZS&ZV36-16	4736051	5136118



- LTABLE 50471
- LTRUNNION 40645
- LLOWER POST_V26_V36_V60_Z36-16_V36-3.3860
- LLOWER POST_Z60 5759
- LESCUTCHEON 3861
- LPOINTER 34-03315
- LLOWER POST BLOCK 21000
- LCRADLE 40649
- LRATCHET WRENCH 3901

- LCENTER PLATE 3866
- LFILLER PLATE_SAWING_35-7317
- LFILLER PLATE_FILING_35-7321



- 3891 EYE BOLT_V26,V60,Z60_1
- 3898 EYE BOLT_V36,V36-3,Z36-16_1
- 1846_ROLLER 2
- 35-6426_RETAINING RING 2
- 1848_SHAFT 1

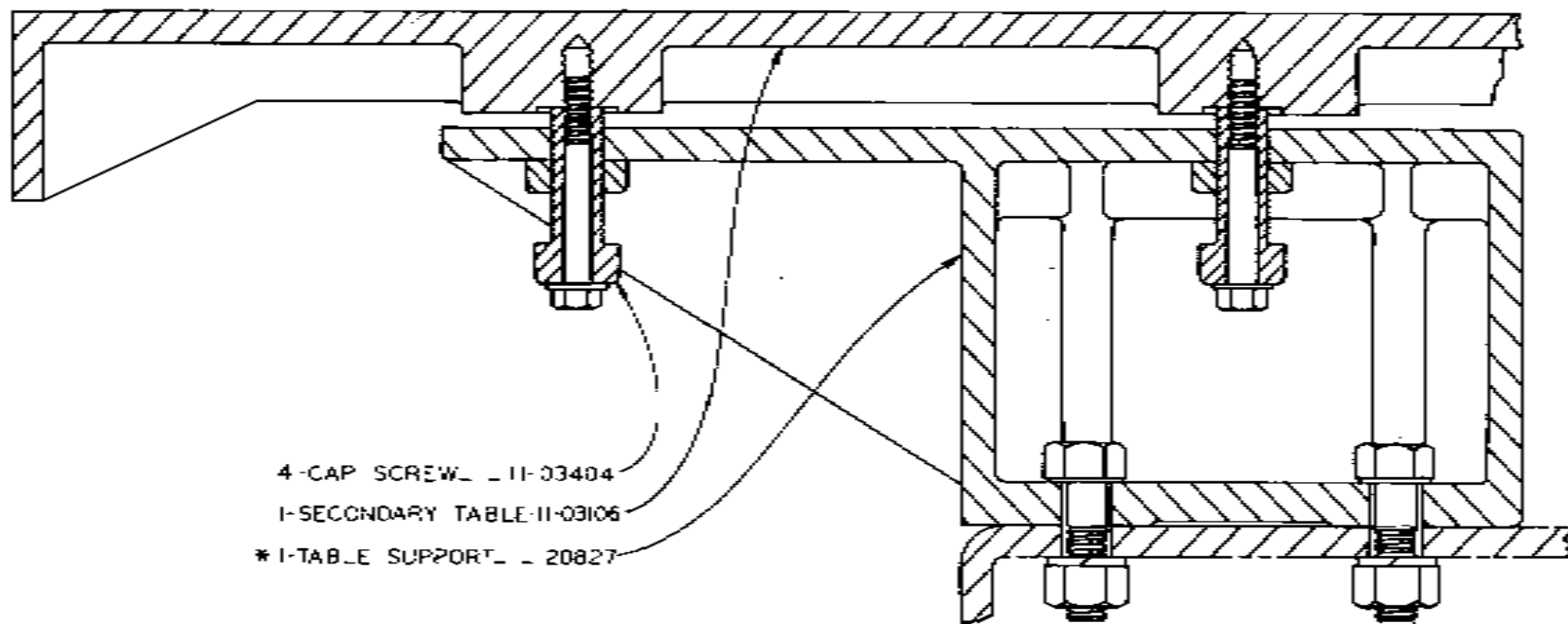
- 3_HANDWHEEL ASSY 5-03005
- LGLARD 34-03316
- LSPACER_V36,V36-3_Z36-16_3897
- LSPACER_V26,V60 4094
- LSPRING 35-8750
- LWASHER 34-03414

NOTE:
SECONDARY TABLE PARTS
(NOT SHOWN)

- LTABLE_52081
- LUPPORT_40656
- 4_ADJ SCREW_11-03404

MODELS
V26 V36 V36-3 V60, Z36-16 & Z60
STANDARD TABLE & TRUNNION ASSEMBLY

MODEL	FIRST MACH	LAST MACH
V26	26312421	26332927
V36	36514878	36535528
V36-3	37-51101	37-52204
V60	6051126	6052142
Z36-16	5848119	5836143
Z60	6003351	6002053



4-CAP SCREW - 11-03404

I-SECONDARY TABLE - 11-03106

* I-TABLE SUPPORT - 20827

* NOTE: 20827 WAS 11-03104 ON THE
V-36 BEFORE SERIAL NO. 36514876
Z-36-16 BEFORE SERIAL NO. 5136 19

MODEL - V-36 V36-3 Z36-16
SECONDARY TABLE MOUNTING ASSY

MODEL	FIRST MACH.
V-36	263945
V-36-3	37-51101
Z-36-16	473E051

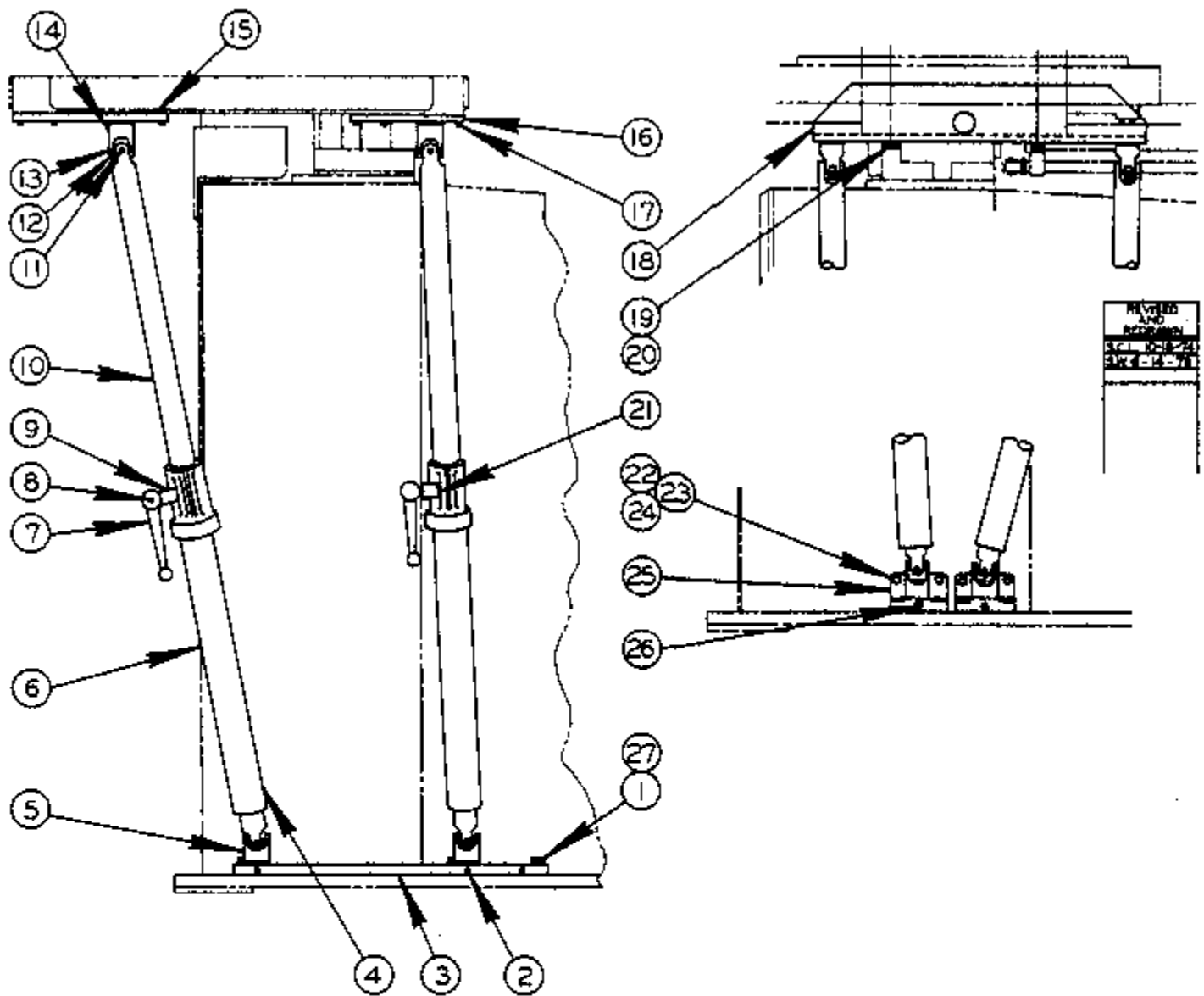


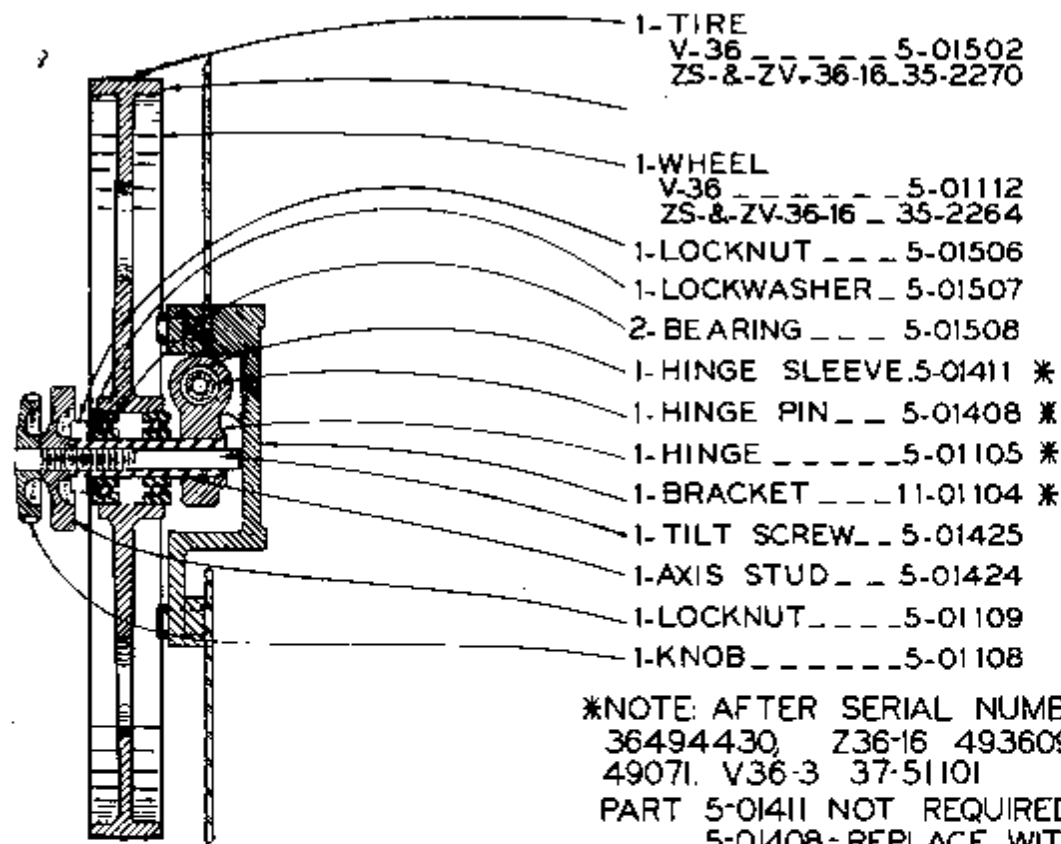
TABLE SUPPORT ASSEMBLY

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, H56013, 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, Z5-3620, 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.

PARTS FOR V36 ZV36-16 & ZS36-16.
V36-3,36CS SAME PARTS AS ZV36-16



*NOTE: AFTER SERIAL NUMBERS V36
36494430, Z36-16 4936096 & 36CS
49071, V36-3 37-51101

PART 5-01411 NOT REQUIRED
5-01408-REPLACE WITH _ _ 1278
5-01105-REPLACE WITH _ 35-9351
11-01104-REPLACE WITH _ _ 1239

THIRD WHEEL ASSEMBLY
V36-3, V36, Z36-16, 36CS

MODEL	FIRST MACH.	LAST MACH.
V36	363949	36535628
V36-3	37-51101	37-53204
Z36-16	4736051	5336145
36CS	CS48051	CS54087

1- ELBOW _____ 17-13521

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 _____ 6-04421

1- SPACER _____ 5-04305

1- GASKET _____ 5-04308

1- SHAFT ASSY _____ 21788

AS REQ
1- SPACER _____ 5-04304

1- KEY _____ 5-04604

1- BEARING _____ 5-04509

* SKF
NORMA HOFFMAN _____ 5-04507
MDWC 8506 OR HOOVER _____ 35-3907
5762

1- COVER _____ 5-04315
FOR SKF BEARING _____ 5-04315
FOR NORMA HOFFMAN _____ 35-2759
FOR MDWC 8506 OR HOOVER _____ 4056

1- KEY _____ 6-04305

1- CLUTCH _____ 6-04505

1- GEAR _____ (B) 6-04423

1- PINION _____ (A) 5-04421

1- BEARING _____ 5-04509

2- KEY _____ 5-04602

1- GEAR _____ (B) 6-04424

1- COLLAR _____ 6-04425

1- GEAR _____ (C) 5-04424

1- BEARING _____ 5-04509

5-04307-SPACER _____ AS
REQ

5-04306-SPACER _____ AS
REQ

5-04414-SPACER _____ 1

1- LEVER _____ 11-04401

1- COLLAR _____ 6-04415

1- WASHER _____ 2762

1- ECCENTRIC _____ 6-04404

1- BRACKET _____ 4033

1- SEGMENT _____ 35-6562

11-04404-SHAFT _____ 1

6-04308-SPRING _____ 1

6-04412-LOCK _____ 1

6-04306-PLATE _____ 1

6-04409-STUD _____ 1

4034-BRACKET _____ 1

11-04405-UNIV JOINT _____ 2

11-04402-LEVER _____ 1

6-04313-SPRING _____ 1

35-6563-SPACER _____ 1

5-04602-KEY _____ 1

6-04509-SHEAVE _____ 1

5-04422-PINION _____ 1

5-04302-COVER _____ 1

5-04508-BEARING _____ 1

5-04309-GASKET _____ 2

1-BRACKET _____ 4032

2-WASHER _____ 2762

1-LEVER _____ 11-04403

1-KNCS _____ 34-13508

5-04413-SPACER _____ 1

5-04303-COVER _____ 1

5-04312-SPACER _____ 1

5-04509-BEARING _____ 1

1-PLUG _____ 5-04618

1-NIPPLE _____ 5-04616

1-ELBOW _____ 5-04617

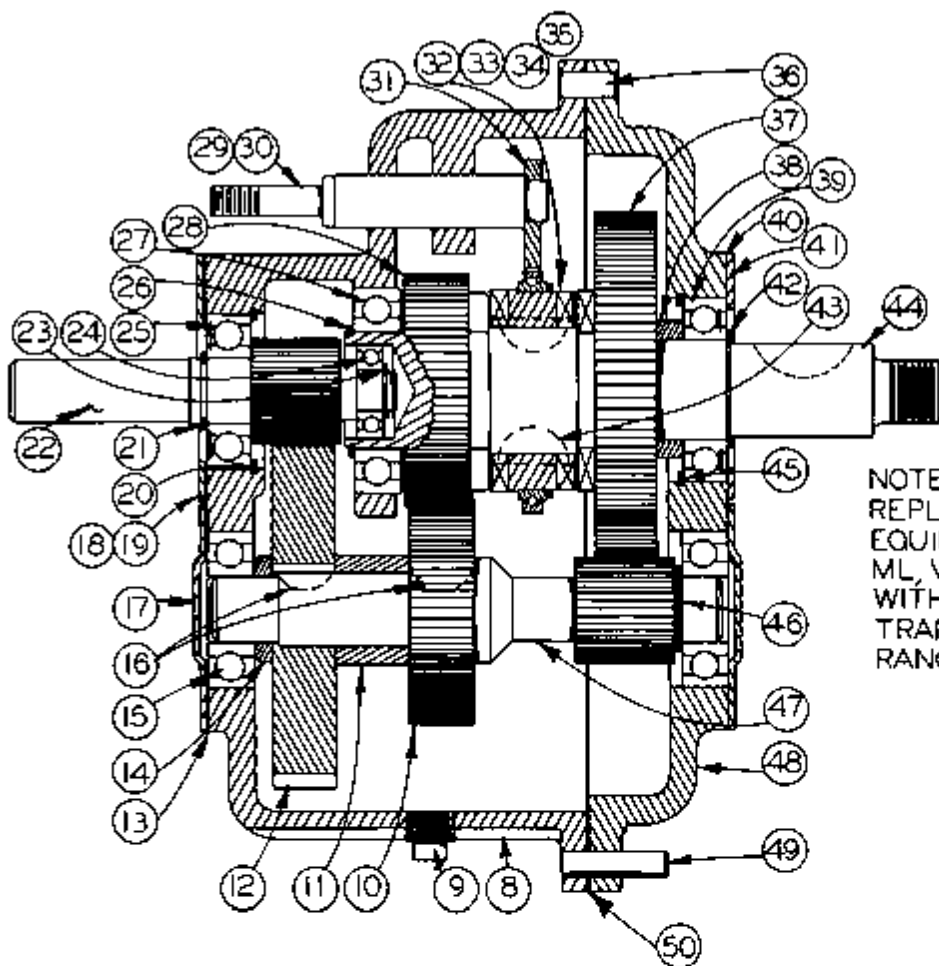
TRANSMISSION CASE WITH
GEAR ASSEMBLIES — 6-04005

NOTE: A, B & C
MATING GEARS MUST BE
REPLACED AT THE SAME
TIME.

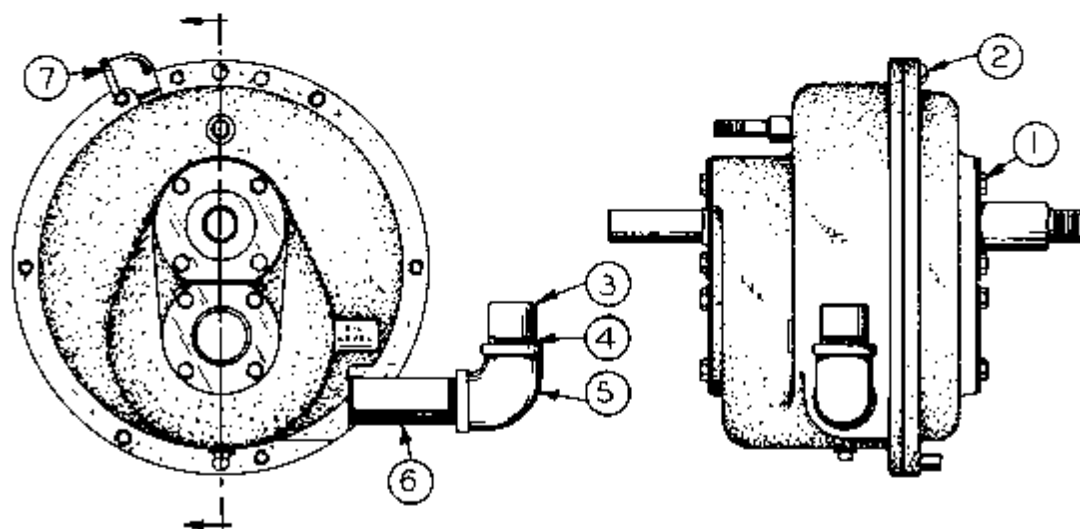
*NOTE: 5-04336 OIL SLINGER
USED WITH SKF 5-04507
AND COVER 5-04315

TRANSMISSION ASSEMBLY — MODEL V36

FIRST MACH 363949
LAST MACH 3653628



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

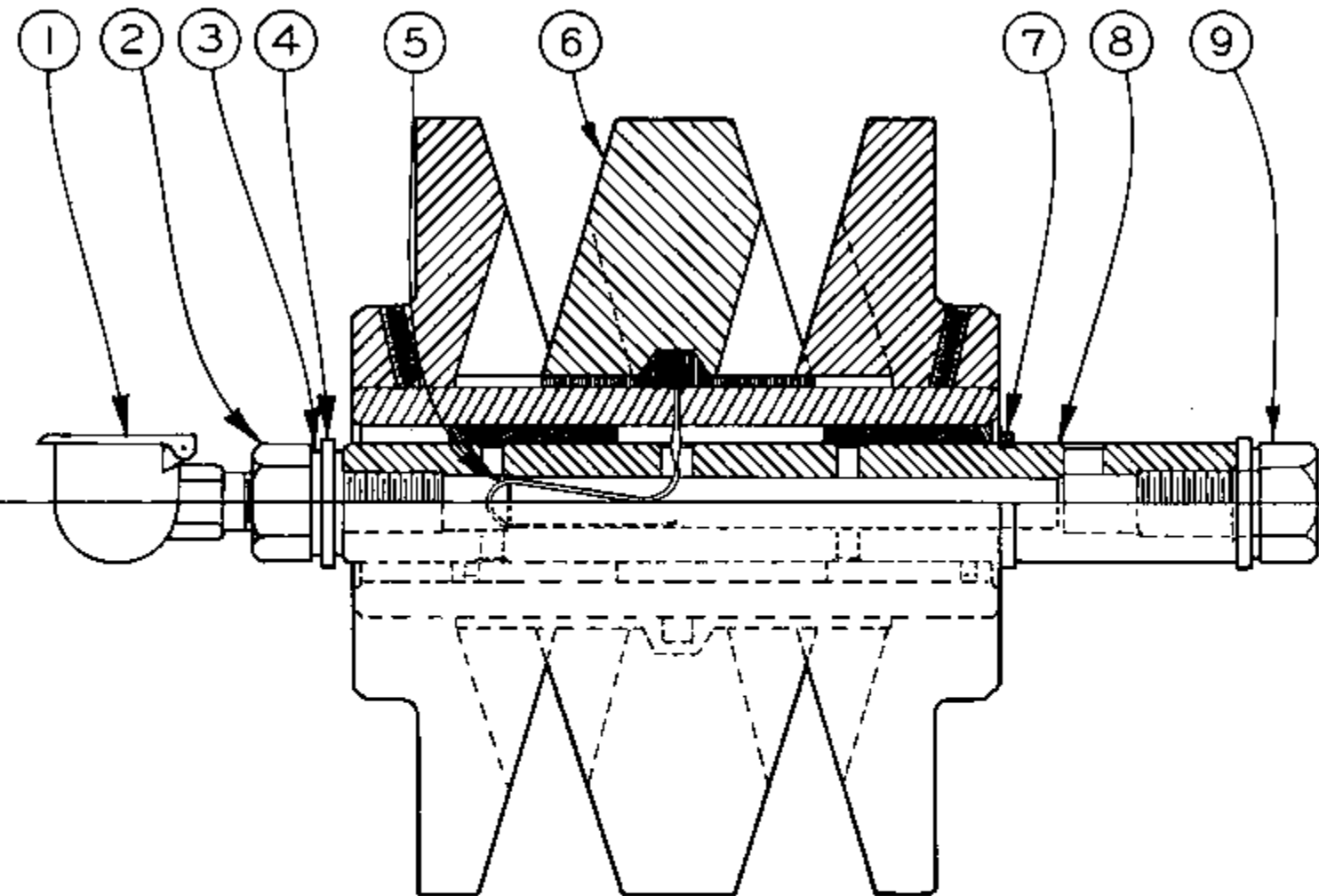


2 SPEED TRANSMISSION ASSY

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	11089	. 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-18	116-57101	116-60112

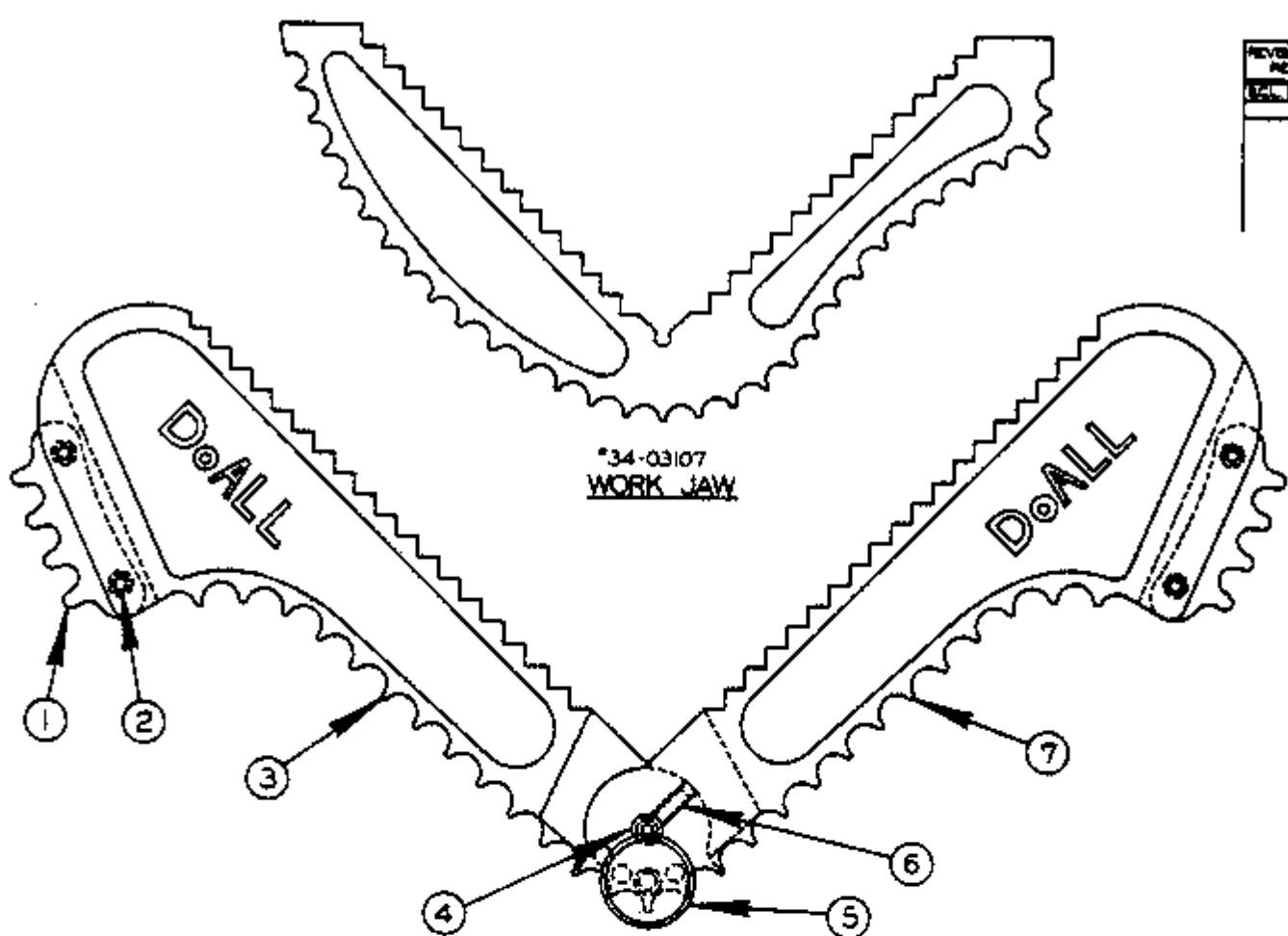
#34-05000
 VARIABLE PULLEY

C-5-35 G7-4.2

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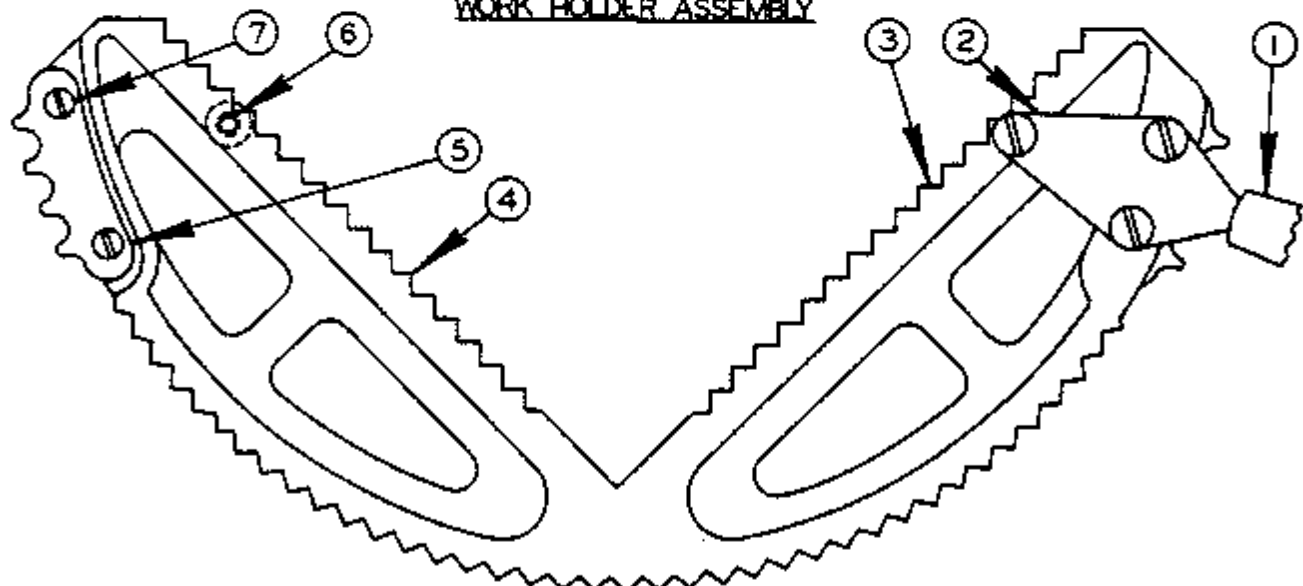
VARIABLE PULLEY ASSEMBLY

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	35-6281	. Bolt 5/8-11 NC x 1.....	1



*34-03107
WORK JAW

*40262
WORK HOLDER ASSEMBLY

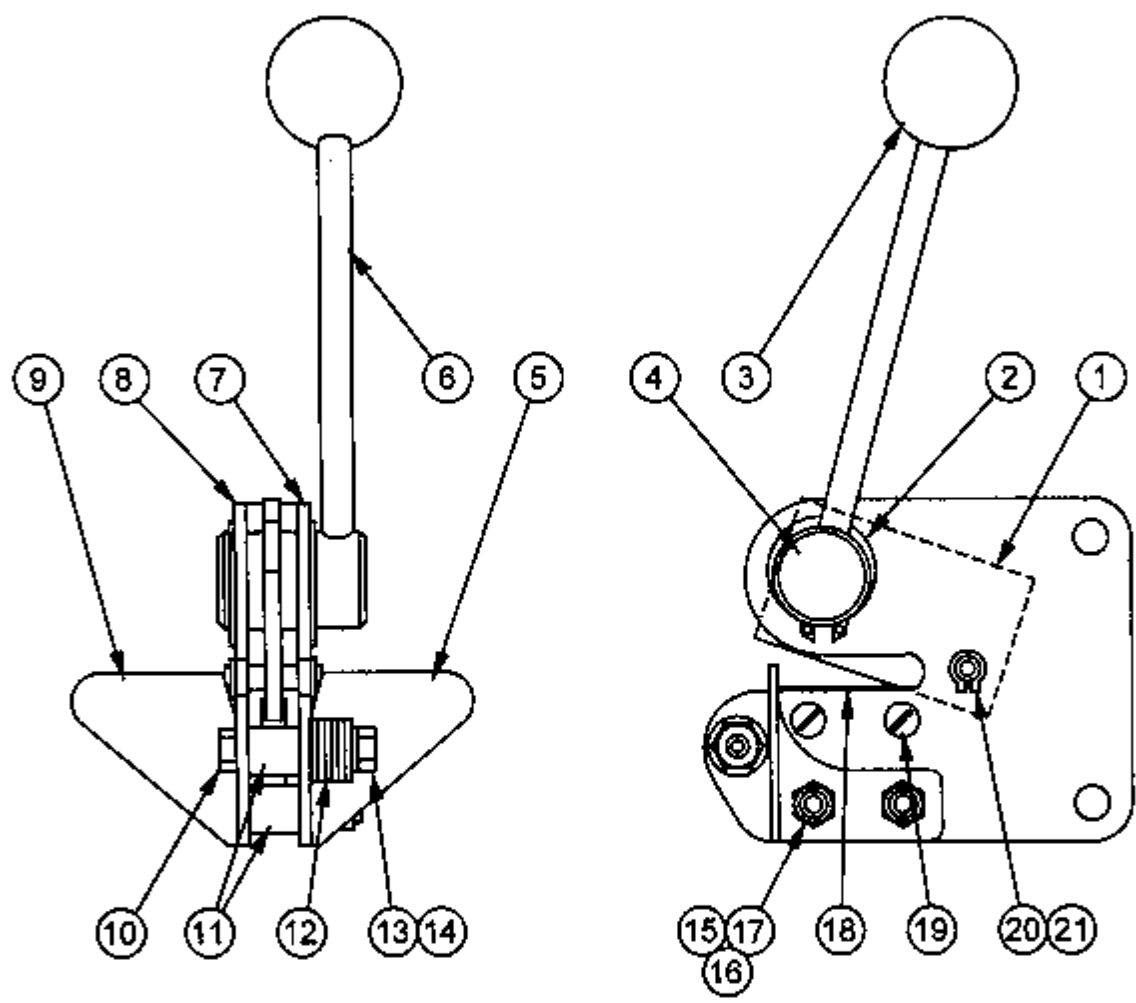


*5-13007
WORK HOLDING JAW ASSEMBLY

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.



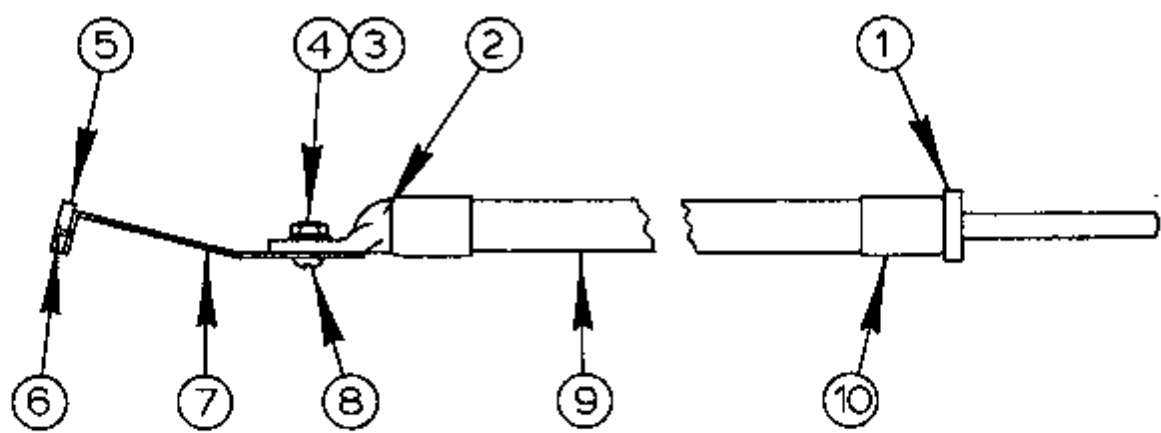
BLADE SHEAR ASSEMBLY

BLADE SHEAR ASSEMBLY

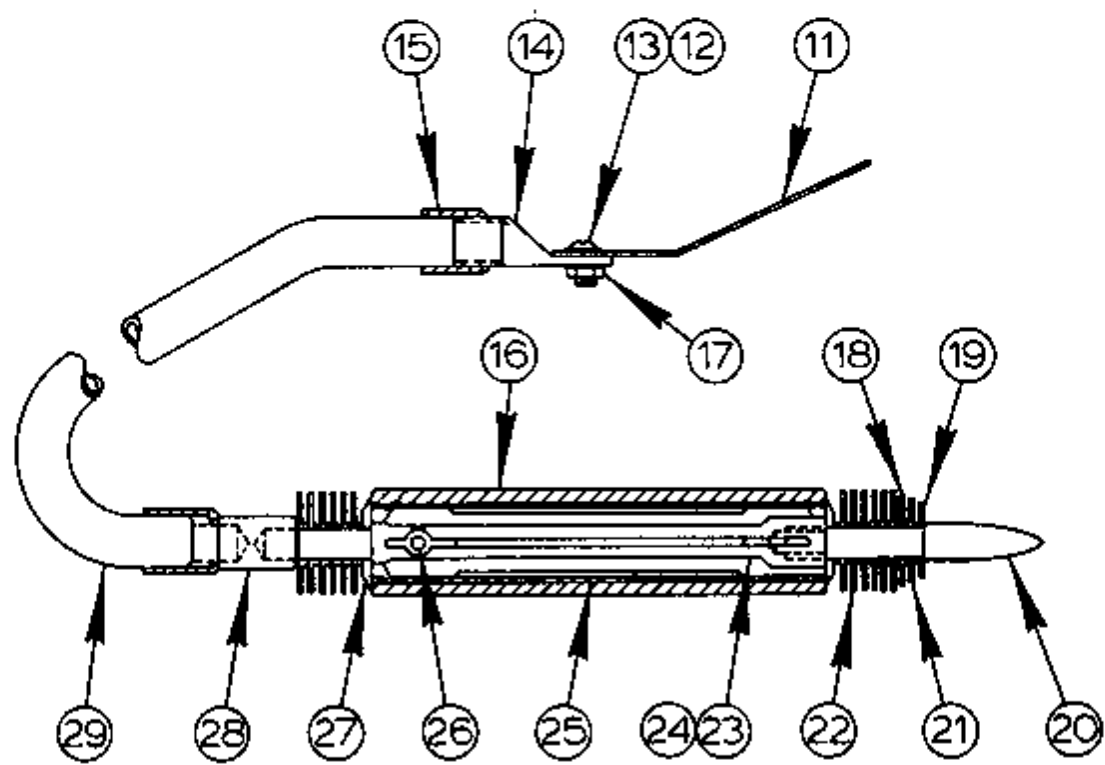
INDEX NO. Ref.	PART NO.	DESCRIPTION	UNITS PER ASSY.
1	091-318073	Blade Shear Assembly	
2	135-084374	. Knife	1
3	135-075588	. Retaining Ring	2
4	134-135086	. Knob	1
5	135-084416	. Eccentric	1
6	135-084465	. R.H. Square	1
7	135-084382	. Handle	1
8	135-084481	. R.H. Side Plate	1
9	135-084473	. L.H. Side Plate	1
10	135-084457	. L.H. Square	1
11	091-980128	. Screw, Hex. Hd. Cap 1/4-20NC x 1-1/2	1
12	091-000168	. Spacer	3
13	091-992610	. Washer, Flat 1/4 S.A.E. Std.	6
14	091-991158	. Nut, Hex. 1/4-20NC	1
15	091-993212	. Washer, Lock 1/4 Std.	1
16	091-980110	. Screw, Hex. Hd. Cap 1/4-20NC x 1-1/4	2
17	091-991158	. Nut, Hex. 1/4-20NC	2
18	091-993212	. Washer, Lock 1/4 Std.	2
19	091-000158	. Blade	2
20	091-988659	. Screw, Rd. Hd. Mach. #10-24NC x 1/4	4
21	135-084515	. Pin	1
	135-085827	. Retaining Ring	2

Following Not Shown and Used for Mounting. Select What Applies to Your Machine:

091-211276	. Nutsert 5/16-18NC.....	2
091-980276	. Screw, Hex. Hd. Cap 5/16-18NC x 3/4.....	2
091-993238	. Washer, Lock 5/16 Std.	2
091-467209	. Bracket	1
091-989061	. Screw, Rd. Hd. Mach. 5/16-18NC x 3/4	2



ETCHING PENCIL SHORT END ASSEMBLY



ETCHING PENCIL ASSEMBLY

ETCHING PENCIL ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	113-070031	Etching Pencil Assembly	
*Ref.	135-051092	. Etching Pencil Short End Assembly.....	1
1	106-074206	. . Plug.....	1
2	090-195454	. . Terminal Lug.....	1
3	091-991091	. . Nut, Hex. Jam #8-32NC.....	1
4	091-992925	. . Washer, Flat #8-S Brass.....	1
5	113-073035	. . Welder Jaw Insulator.....	1
6	134-184076	. . File Rivet.....	2
7	113-073027	. . Terminal Strip.....	1
8	091-988527	. . Screw, Rd. Hd. Mach. #8-32NC x 5/16.....	1
9	091-359943	. . Cable.....	A.R.
10	090-021544	. . Ferrule.....	2
Ref.	113-070049	. Etching Pencil Assembly.....	1
11	113-073043	. . Terminal Strip.....	1
12	091-988527	. . Screw, Rd. Hd. Mach. #8-32NC x 5/16.....	1
13	091-992909	. . Washer, Flat #10-L Brass.....	1
14	090-195454	. . Terminal Lug.....	1
15	090-021544	. . Ferrule.....	2
16	106-075039	. . Tube.....	1
17	091-991091	. . Nut, Hex. Jam #8-32NC.....	1
18	106-073083	. . Fin.....	1
19	106-073109	. . Fin.....	1
20	106-074248	. . Point.....	1
21	106-073091	. . Fin.....	1
22	106-073075	. . Fin.....	12
23	135-050771	. . Etching Pencil Stem Assembly.....	1
24	106-072010	. . . Stem.....	1
25	106-074212	. . . Brass Tube.....	1
26	106-074255	. . . Pin.....	1
27	106-073117	. . Washer.....	2
28	106-074230	. . Connector.....	1
29	091-359943	. . Cable.....	A.R.

*NOTE: This Assembly Used For Butt welders With Ground Bushing On Panel Before 6-23-44.