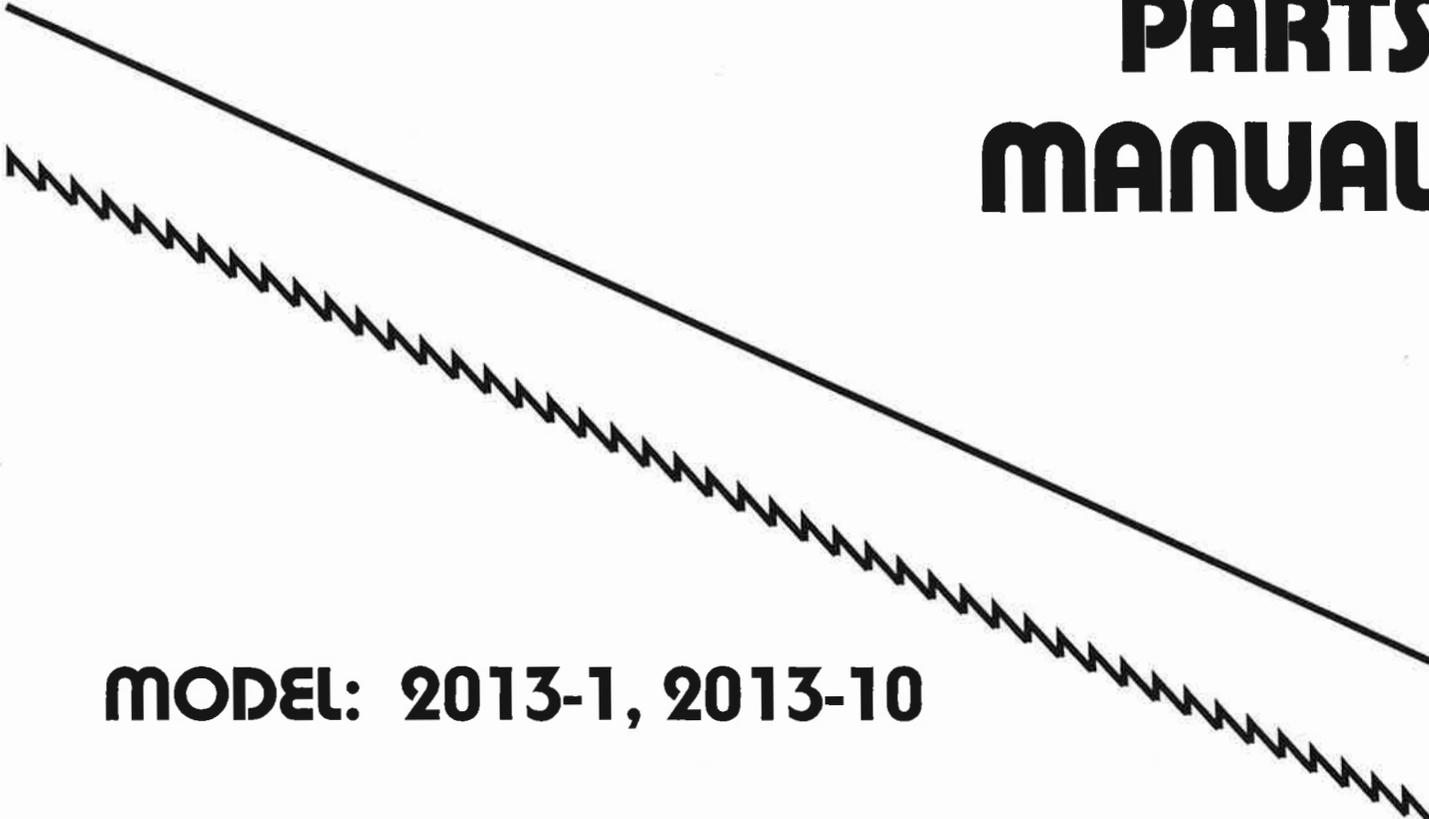




PARTS MANUAL



MODEL: 2013-1, 2013-10

**SERIAL NO: 338-74101 to 338-78245
339-74101 to 339-781036**

BAND SAWING MACHINE

MACHINE SPECIFICATIONS

MODEL SERIAL NO.

VOLTAGE CYCLE PHASE

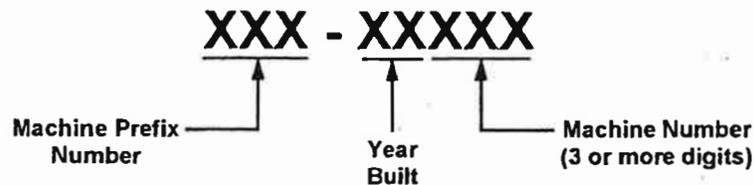
For your information and future reference, insert pertinent data concerning your machine in the spaces provided above. This information is stamped on the data plate attached to the machine frame.

Always specify machine model and serial number 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.

How to read your serial number:

Example: 500-001234



DoALL COMPANY
254 NORTH LAUREL AVENUE
DES PLAINES, ILLINOIS 60016 U.S.A.

YOUR SERVICE REPRESENTATIVE:

FICHE NO. A-23 CLASS Contour MODEL 2013-1 SERIAL NO. 338-74101 TO 338-78245

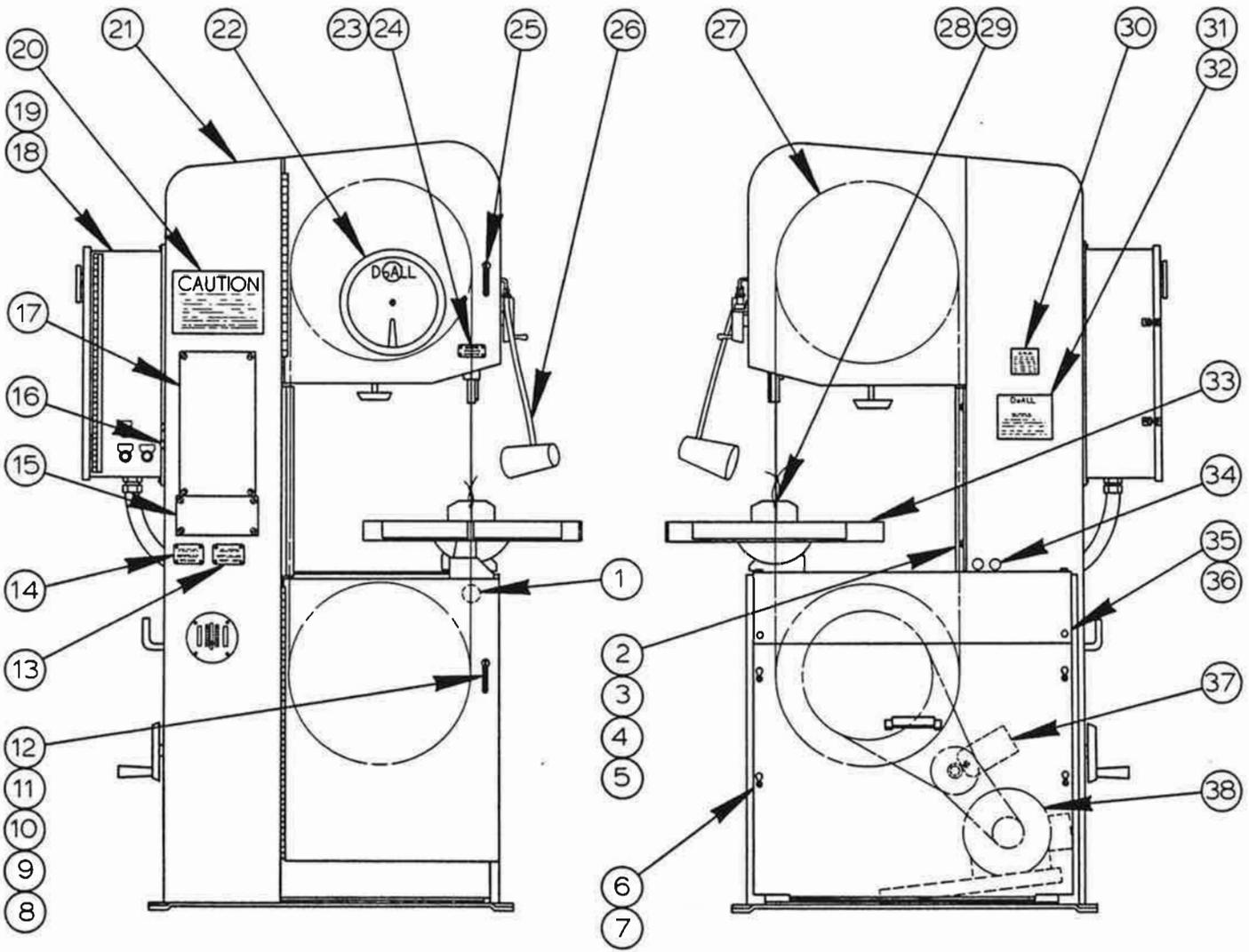
PAGE NO.	DESCRIPTION	FIRST SERIAL	LAST SERIAL	DWG.	P. LIST	FICHE NO.
C-1-44	Final Assembly	ALL		A-5	A-6	
C-8-57	Air Compressor, Piston	ALL		A-9	A-10	
C-8-54	Air Pump, Vane	ALL		A-11	A-12	
C-7-26	Band Filer	ALL		A-13	A-14	
C-7-26	Band Polisher	ALL		A-13	A-14	
H1-19.0	Blade Shear	See Butt welder		F-9	F-10	H-2
C-9-110	Chip Blower	ALL		B-1	B-2	
C-1-44	Chip Brush	ALL		A-5	A-6	
C-10-39	Coolant	ALL		B-3	B-4	
C-8-59	Coolant	ALL		B-5	B-6	
C-10-7	Cutoff Attach. #1 All Purpose	ALL		B-7	B-8	
C-10-28	Cutoff Attach. #2 Side Mount	ALL		B-9	B-10	
C-10-2	Disc Cutter	ALL		B-11	B-12	
C-1-44	Door Handles & Latches	ALL		A-5	A-6	
C-5-60	Drive	1 of 2	338-74101 to 338-75113	C-1	C-2	
C-5-61	Drive	2 of 2	338-74101 to 338-75113	C-3	C-4	
CM-5-58	Drive	1 of 2	338-75114 to 338-78245	C-9	C-10	
CM-5-59	Drive	2 of 2	338-75114 to 338-78245	C-11	C-12	
H1-20.0	Etching Pencil	See Butt welder		F-11	F-12	H-2
C-7-26	Filing Fixture for Small Parts	ALL		A-13	A-14	
C-2-61	Head	338-74101 to 338-75123		C-13	C-14	
C-2-78	Head	338-75124 to 338-78245		D-1	D-2	
C-2-70	Head Sub Assemblies	ALL		D-3	D-4	
C-10-38	Heavy Work Clamps	ALL		D-5	D-6	
C-10-23	Heavy Work Slides	ALL		D-7	D-8	
C-8-104	Job Selector	ALL		D-9	D-10	
C-8-8	Lamp	ALL		D-11	D-12	
C-10-15	Magnifier	ALL		D-13	D-14	
C-8-59	Mist Coolant	ALL		B-5	B-6	
C-2-70	Post Elevating Assembly	ALL		D-3	D-4	
C-9-10	Power Feed	1 of 2	ALL	E-1	E-2	
C-9-11	Power Feed	2 of 2	ALL	E-3	E-4	
C-10-6	Rip Fence Assembly	ALL		E-5	E-6	
C-10-27	Rip Fence	ALL		E-7	E-8	
C-10-39	Saw Eez Adapter	ALL		B-3	B-4	
C-7-18	Saw Guides, Insert Type	1 of 2	ALL	E-9	E-10	
C-7-20	Saw Guides, Insert Type	2 of 2	ALL	E-11	E-12	
C-7-19	Saw Guides, Roller Type	ALL		E-13	E-14	
	Saw Lubricator	See Coolant				
C-10-29	Screw Feed	ALL		F-1	F-2	
C-5-61	Speed Indicator	ALL		C-3	C-4	
C-3-51	Table & Trunnion	ALL		F-3	F-4	
C-9-107	Table Supports	ALL		F-5	F-6	
C-4-40	Transmission	ALL		F-7	F-8	
C-5-34	Variable Speed Pulley	ALL		F-9	F-10	
C-5-60	Wheel, Lower	ALL		C-1	C-2	
C-2-70	Wheel, Upper	ALL		D-3	D-4	
C-10-16	Work Holding Jaws	ALL		F-11	F-12	

FICHE NO. A-23 CLASS Contour MODEL 2013-10 SERIAL NO. 339-74101 TO 339-781036

PAGE NO.	DESCRIPTION	FRAME NO.		DWG.	P.LIST	FICHE NO.
		FIRST SERIAL	LAST SERIAL			
C-1-42	Final Assembly	ALL		A-7	A-8	
C-8-57	Air Compressor, Piston Type	ALL		A-9	A-10	
C-8-54	Air Pump, Vane	ALL		A-11	A-12	
C-7-26	Band Filer	ALL		A-13	A-14	
C-7-26	Band Polisher	ALL		A-13	A-14	
H1-19,0	Blade Shear	See Buttwelder		F-9	F-10	H-2
C-9-110	Chip Blower	ALL		B-1	B-2	
C-1-42	Chip Brush	ALL		A-7	A-8	
C-10-39	Coolant	ALL		B-3	B-4	
C-8-59	Coolant	ALL		B-5	B-6	
C-10-7	Cutoff Attach, #1 All Purpose	ALL		B-7	B-8	
C-10-28	Cutoff Attach, #2 Side Mount	ALL		B-9	B-10	
C-10-2	Disc Cutter	ALL		B-11	B-12	
C-1-42	Door Handles & Latches	ALL		A-7	A-8	
C-5-62	Drive	1 of 2	339-74101 to 339-75190	C-5	C-6	
C-5-63	Drive	2 of 2	339-74101 to 339-75190	C-7	C-8	
CM-5-58	Drive	1 of 2	339-75191 to 339-781036	C-9	C-10	
CM-5-59	Drive	2 of 2	339-75191 to 339-781036	C-11	C-12	
H1-20,0	Etching Pencil	See Buttwelder		F-11	F-12	H-2
C-7-26	Filing Fixture for Small Parts	ALL		A-13	A-14	
C-2-61	Head	339-74101 to 339-75258		C-13	C-14	
C-2-78	Head	339-75259 to 339-781036		D-1	D-2	
C-2-70	Head Sub Assemblies	ALL		D-3	D-4	
C-10-38	Heavy Work Clamps	ALL		D-5	D-6	
C-10-23	Heavy Work Slides	ALL		D-7	D-8	
C-8-104	Job Selector	ALL		D-9	D-10	
C-8-8	Lamp	ALL		D-11	D-12	
C-10-15	Magnifier	ALL		D-13	D-14	
C-8-59	Mist Coolant	ALL		B-5	B-6	
C-2-70	Post Elevating Assembly	ALL		D-3	D-4	
C-9-10	Power Feed	1 of 2	ALL	E-1	E-2	
C-9-11	Power Feed	2 of 2	ALL	E-3	E-4	
C-10-6	Rip Fence	ALL		E-5	E-6	
C-10-27	Rip Fence	ALL		E-7	E-8	
C-10-39	Saw Eez Adapter	ALL		B-3	B-4	
C-7-18	Saw Guides, Insert Type	1 of 2	ALL	E-9	E-10	
C-7-20	Saw Guides, Insert Type	2 of 2	ALL	E-11	E-12	
C-7-19	Saw Guides, Roller Type	ALL		E-13	E-14	
	Saw Lubricator	See Coolant				
C-10-29	Screw Feed	ALL		F-1	F-2	
C-5-63	Speed Indicator	ALL		C-7	C-8	
C-3-51	Table & Trunnion	ALL		F-3	F-4	
C-9-107	Table Supports	ALL		F-5	F-6	
C-4-40	Transmission	ALL		F-7	F-8	
C-5-34	Variable Speed Pulley	ALL		F-9	F-10	
C-5-62	Wheel, Lower	ALL		C-5	C-6	
C-2-70	Wheel, Upper	ALL		D-3	D-4	
C-10-16	Work Holding Jaws	ALL		F-11	F-12	

REVISED
AND
REDRAWN
CAK 10-3-78

REVISIONS



MODEL	FIRST MACH.	LAST MACH.
2013-1	338-74101	338-78245

FINAL ASSEMBLY

FINAL ASSEMBLY

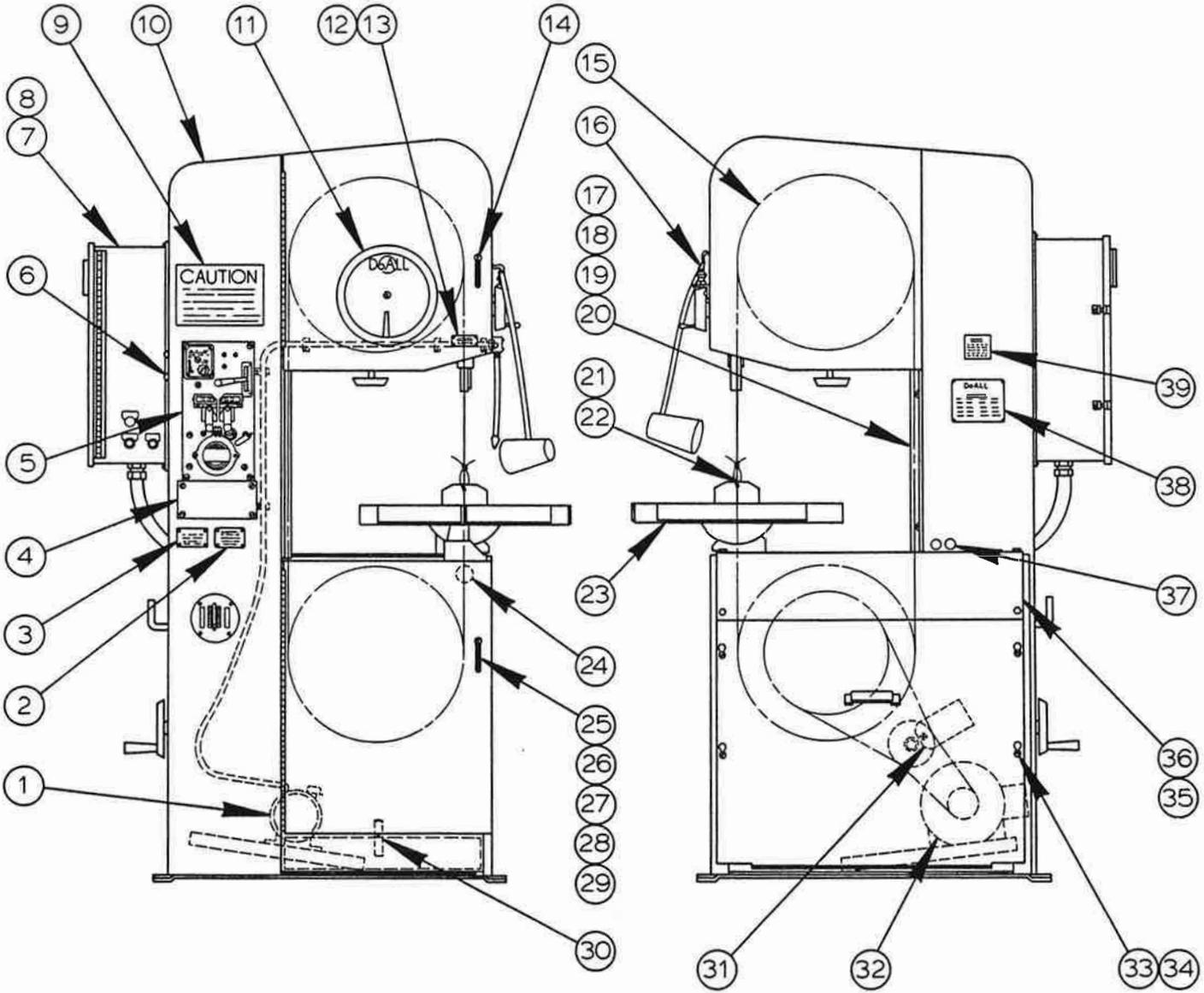
INDEX NO. Ref.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
	503378	Final Assembly	
1	091-086017	. Plug Button	1
2	094-064011	. Saw Band Guard (Column).....	1
3	091-988972	. Screw, Rd. Hd. Mach. 1/4-20NC x 3/4	2
4	091-992602	. Washer, Flat 1/4" SAE	2
5	091-993741	. Washer, External Shakeproof Lock 1/4"	6
6	094-049616	. Bottom Drive Cover Weldment	1
7	091-990192	. Screw, Truss Hd. Mach. 1/4-20NC x 3/8"	16
8	134-011048	. Door Handle	2
9	091-230664	. Shaft	1
10	105-021018	. Base Door Latch	2
11	090-042292	. Roll Pin	2
12	091-984229	. Screw, Soc. Set 1/4-20NC x 1/4	2
13	091-458828	. Escutcheon (Caution)	1
14	091-369025	. Escutcheon (Caution)	1
15	091-187039	. Cover	1
16	090-074360	. Plug Button	2
17	090-375007	. Cover	1
18	095-025037	. Electrical Assembly (See Detail)	1
19	091-338632	. Fuse	3
20	094-044765	. Escutcheon	1
21	095-033700	. Frame Weldment	1
22	090-468174	. Job Selector Assembly (See Detail)	1
23	091-310334	. Escutcheon (Warning)	1
24	091-993972	. Drive Screw #2 x 1/4	16
25	091-326645	. Shaft	1
26	094-061413	. Worklamp Assembly (See Detail)	1
27	095-046306	. Head Assembly (See Detail)	1
28	091-368191	. Saw Band	2
29	093-045250	. Saw Band Tag	1
30	091-292730	. Escutcheon (Patent No.)	1
31	093-020568	. Escutcheon (Mach. Specs.)	1
32	091-993972	. Drive Screw #2 x 1/4"	16
33	095-038253	. Table & Trunnion Assembly (See Detail)	1
34	135-045284	. Plug Button	2
35	095-033759	. Top Drive Cover	1
36	091-980052	. Screw, Hex. Hd. Cap 1/4-20NC x 3/8	4
37	091-317891	. Tag	1
38	095-042305	. Drive Assembly (See Detail)	1

Following Items Not Shown:

094-068715	. Instruction Tag	1
093-066314	. Guard Weldment	1

REVISED
AND
REDRAWN
CAK 10-6-78

REVISIONS



<u>MODEL</u>	<u>FIRST MACH.</u>	<u>LAST MACH.</u>
2013-10	339-74101	339-781036

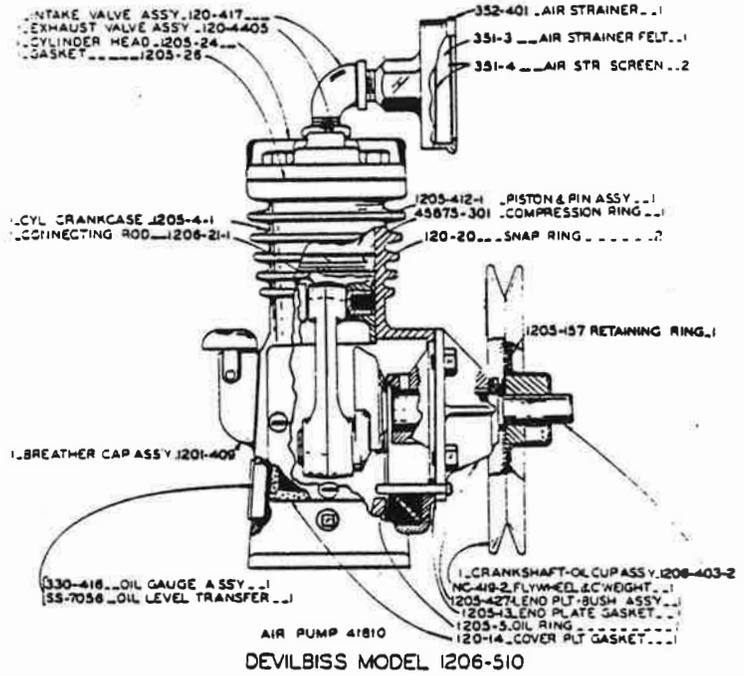
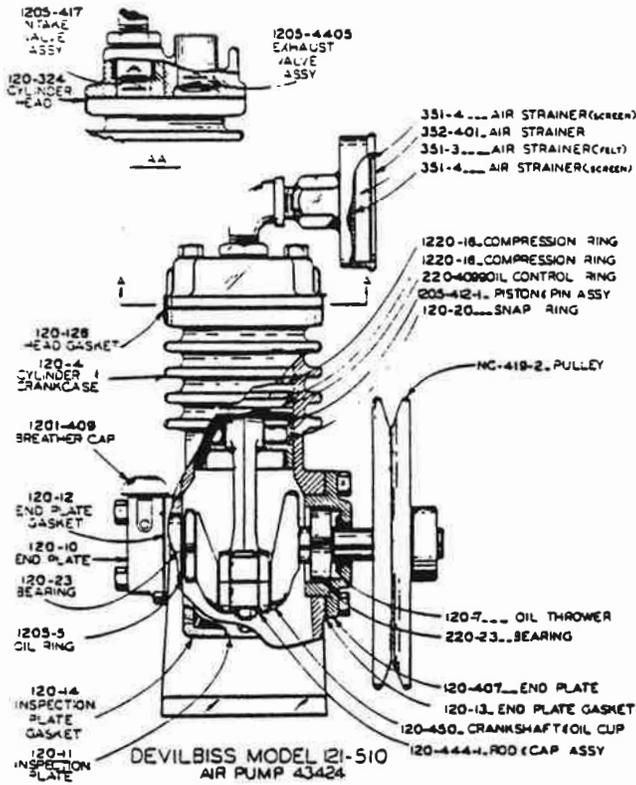
FINAL ASSEMBLY

FINAL ASSEMBLY

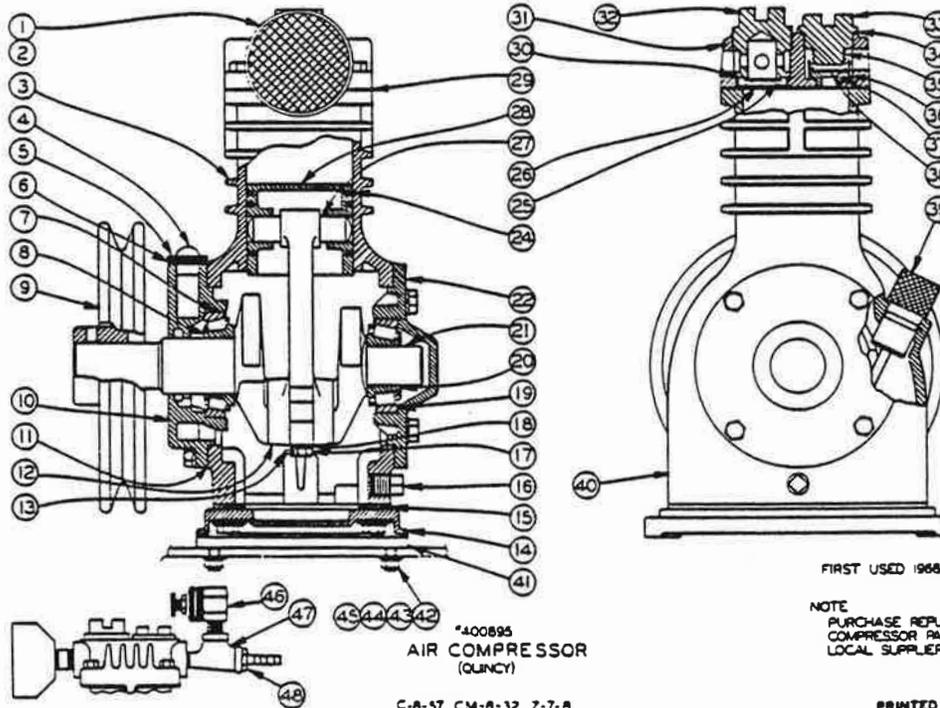
INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	503379	Final Assembly	
1	095-017869	. Chip Blower Assembly(See Detail)	1
2	091-458828	. Escutcheon(Caution).....	1
3	091-369025	. Escutcheon (Caution)	1
4	091-187039	. Cover	1
5	091-322727	. DBW-15 Butt Welder Assembly	1
6	090-074360	. Plug Button	2
7	095-025037	. Electrical Assembly	1
8	091-338632	. Fuse	3
9	094-044765	. Escutcheon (Caution)	1
10	095-033700	. Frame Weldment	1
11	090-468174	. Job Selector Assembly(See Detail)	1
12	091-310334	. Escutcheon (Warning)	1
13	091-993972	. Drive Screw #2 x 1/4	16
14	091-326645	. Shaft	1
15	095-046306	. Head Assembly (See Detail)	1
16	094-061413	. Worklamp Assembly (See Detail)	1
17	094-064011	. Saw Band Guard (Column)	1
18	091-988972	. Screw, Rd. Hd. Mach. 1/4-20NC x 3/4	2
19	091-993741	. Washer, External Shakeproof Lock 1/4"	6
20	091-992602	. Washer, Flat 1/4" SAE	2
21	091-368191	. Saw Band	2
22	093-045250	. Saw Band Tag	1
23	095-038253	. Table & Trunnion Assembly (See Detail)	1
24	091-086017	. Plug Button	1
25	134-011048	. Door Handle	2
26	091-230664	. Shaft	1
27	105-021018	. Base Door Latch	2
28	091-984229	. Screw, Soc. Set 1/4-20NC x 1/4	2
29	090-042292	. Roll Pin	2
30	094-044674	. Chip Box Assembly	1
31	091-317891	. Tag (Instruction #208)	1
32	095-042305	. Drive Assembly	1
33	094-049616	. Bottom Drive Cover Weldment	1
34	091-990192	. Screw, Truss Hd. Mach. 1/4-20NC x 3/8	16
35	095-033759	. Top Drive Cover	1
36	091-980052	. Screw, Hex. Hd. Cap 1/4-20NC x 3/8	4
37	135-045284	. Plug Button	2
38	093-020568	. Escutcheon (Mach. Specs.)	1
39	091-292730	. Escutcheon (Patent No.)	1

Following Items Not Shown:

094-068715	. Instuction Tag	1
093-066314	. Guard Weldment	1



NOTE: TO REPLACE COMPLETE UNIT
ORDER #400895.
PURCHASE INDIVIDUAL PARTS LOCALLY.
NUMBERS SHOWN ARE DEVILBISS NUMBERS.



NEW ORG.	9-22-67
REVISIONS	
RMV	1-31-68
DE	7-1-68
BW	9-8-68
SW	2-28-69
SW	4-24-72
SCL	11-14-74

FIRST USED 1968

NOTE
PURCHASE REPLACEMENT
COMPRESSOR PARTS FROM
LOCAL SUPPLIER.

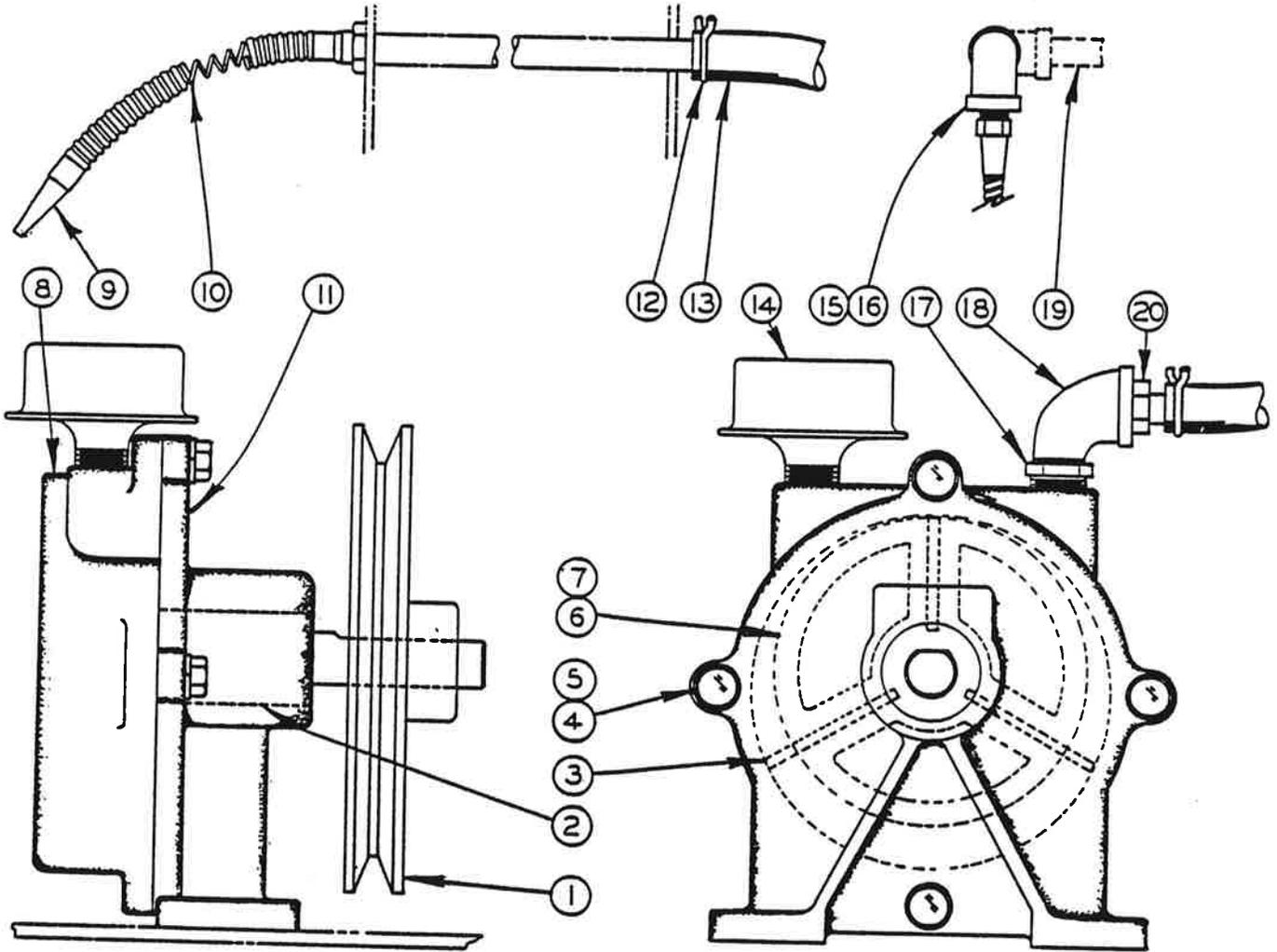
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CODE NO. C-8-57
CM-8-32
Z-7-8

AIR COMPRESSOR

INDEX NO.	CATALOG NO.	DESCRIPTION	QUINCY CO. PART NO.	UNITS PER ASS'Y
Ref.	094-008950	Air Compressor (Quincy)		
1	091-186395	. Breather Assembly	2151-X	1
2	091-186403	. Replacement Felt	2149	1
3	091-186015	. Cylinder	2101	1
4	091-186023	. Stud Breather	7178	1
5	091-186031	. Breather Valve Bumper	2118	2
6	091-186049	. Breather Valve	2117	1
7	091-186056	. Bearing Cup	6553	1
8	091-186064	. Bearing Cone	6554	1
9	091-186411	. 6" Pulley For X-2 Compressor		Use
	091-186429	. 8" Pulley For X-2 Compressor		One
10	091-186072	. Bearing Carrier	6972	1
11	091-186080	. Bearing Plate Gasket	2115	2
12	091-186098	. Connecting Rod Assembly	2105	1
13	091-186106	. Connecting Rod Bolt Wire	2830	1
14	091-186114	. Oil Pan	2122	1
15	091-186122	. Oil Pan Gasket	2123	1
16	091-186130	. Oil Drain Plug	2140	1
17	091-186148	. Connecting Rod Bolt	2120	1
18	091-186155	. Connecting Rod Bolt Lockwasher	2121	1
19	091-186163	. Bearing Cup	6551	1
20	091-186171	. Bearing Cone	6552	1
21	091-186189	. Crank Shaft	6975	1
22	091-186197	. Bearing Carrier	6973	1
24	091-209437	. Piston Compressor Ring	6489	3
25	091-186262	. Suction Valve Spring	2132	1
26	091-186270	. Suction Valve Bumper	2131	1
27	091-186239	. Piston Pin Assembly	2126-X	1
28	091-186247	. Piston	2104	1
29	091-186254	. Head Gasket	2124	1
30	091-186288	. Suction Valve Bumper Gasket	2130	1
31	091-186304	. Cylinder Head	2100	1
32	091-186312	. Suction Valve Seat	2129	1
33	091-186320	. Discharge Valve Bumper	2133	1
34	091-186338	. Intercooler Gasket	2134	1
35	091-186346	. Discharge Valve Spring	1780	1
36	091-186296	. Valve	1194	2
37	091-186361	. Discharge Valve Guide	2136	1
38	091-186379	. Discharge Valve Guide	2137	1
39	091-186387	. Oil Gauge Assembly	2316-X	1
40	094-008356	. Air Compressor (6" Pulley)		Use
	094-019577	. Air Compressor (8" Pulley)		One
41	090-372525	. Adapter Plate Weldment		1
42	091-980276	. Screw, Hex. Hd. Cap 5/16-18NC x 3/4		4
43	091-992628	. Washer, Flat 5/16 Std.		4
44	091-991224	. Nut, Hex. 5/16-18NC		4
45	091-993238	. Washer, Lock 5/16 Std.		4
46	090-021031	. Relief Valve		1
47	135-008472	. Service Tee		1
48	090-020041	. Barbed Insert		1

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1-23-68
D.E. 7-29-68
S.W. 4-26-72
S.C.L. 11-14-74



AIR PUMP ASSEMBLY

C-8-54 CM-8-35

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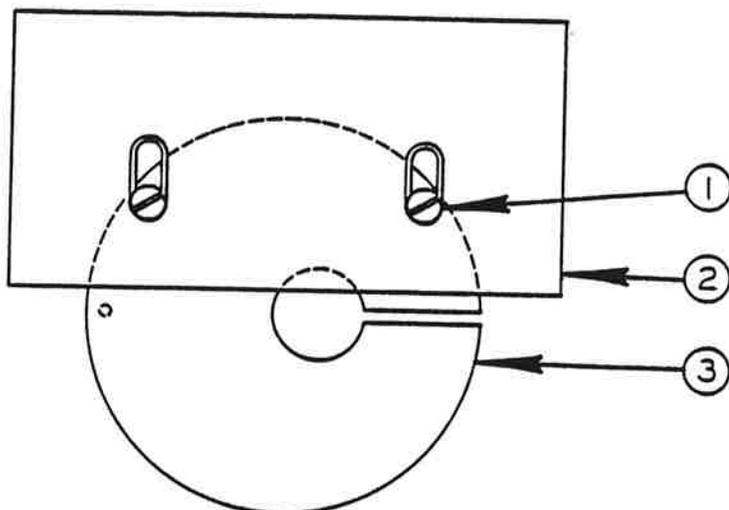
CODE NO. C-8-54
CM-8-35

AIR PUMP ASSEMBLY

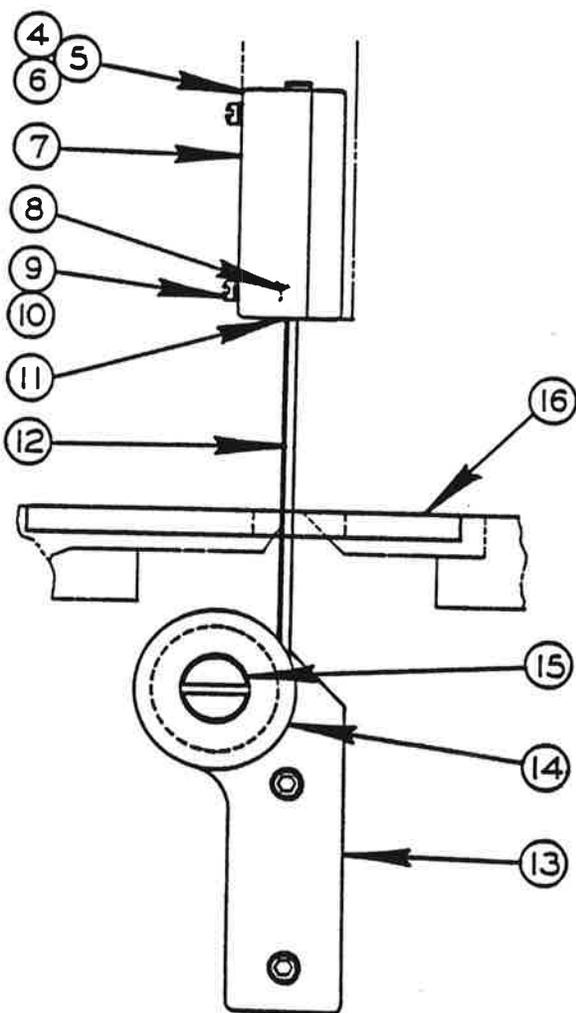
INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	094-071594	Air Pump Assembly (Clockwise Rotation)	
Ref.	090-427089	Air Pump Assembly (Counter-Clockwise Rotation)	
*1	105-113161	. Pulley	1
2	105-114052	. Bearing	1
3	105-113195	. Vane	3
4	091-980086	. Screw, Hex. Hd. Cap 1/4-20NC x 3/4	4
5	091-993741	. Washer, Lock 1/4" I.D. Shakeproof Ext.	4
6	105-111041	. Air Pump Rotor	1
7	091-984252	. Screw, Soc. Set 1/4-20NC x 1/2"	2
8	135-067361	. Air Pump Body	1
*9	090-060732	. Air Hose (1612-1)	1
	090-040973	. Air Hose (1612-U, 3012-U, 3613-1, 1612-0)	1
*10	090-046582	. Wire Insert	1
11	135-067353	. Air Pump Cover	1
*12	090-179029	. Hose Clamp	2
*13	090-000084	. Hose	A.R.
14	105-115109	. Air Cleaner	1
*15	135-036473	. 90° Elbow (1612-U & 3012-U)	2
*16	114-145287	. Close Nipple (1612-U & 3012-U)	1
17	105-115174	. Reducer	1
18	117-135210	. Street Elbow 1/4" Std.	1
*19	090-083866	. Nipple (1612-U & 3012-U)	1
20	090-020041	. Barbed Insert	1

*NOTE: Single Starred Items Are Not Part Of Air Pump Assembly.

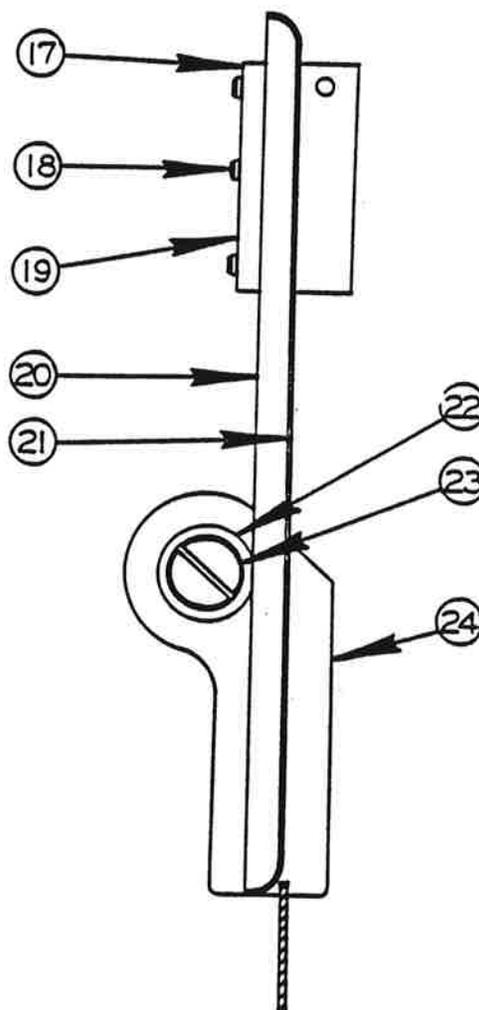
REVISED AND REDRAWN
S.C.L. 1-2-75



SMALL PARTS FILING ASSEMBLY



BAND FILING ASSEMBLY

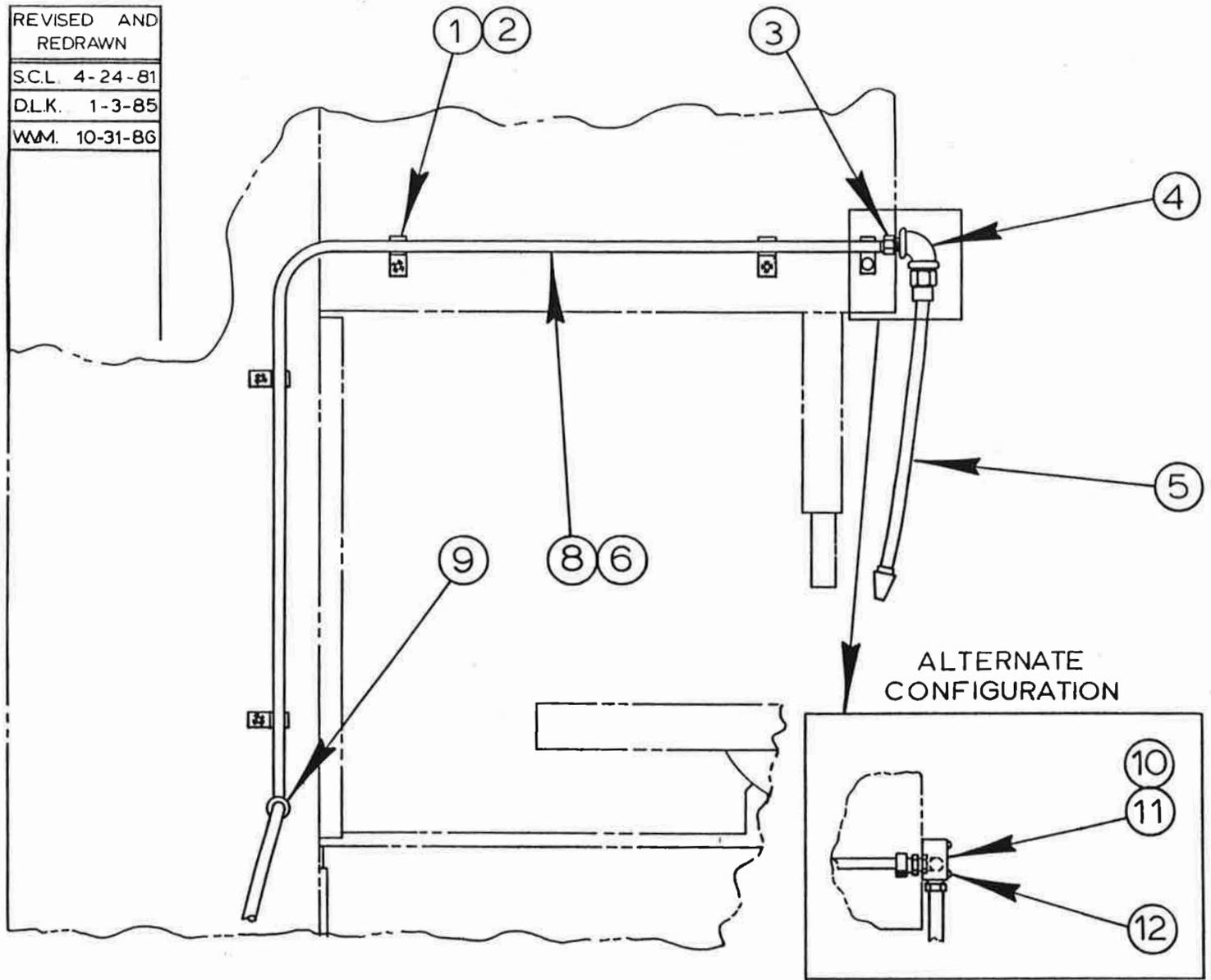


BAND POLISHING ASSEMBLY

BAND FILING & POLISHING ASSEMBLIES

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y	INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	090-076456	Small Parts Filing Ass'y (1612, 1612-0, 1612-H, 1612-1, 2013, 2013-1, 2013-0, 2013-10, 2012-1A, 2012-A, 2012-AT, 2012-1AT, 2612-H, 2612-1, 3612, 3613-0, 3612-H, 3613-1)		9	091-986885	.. Screw, Fil. Hd. Mach. #4-40NC x 5/8 (Ass'ys #27487, #27490, #34096, #34099)	2
1	091-987487	.. Screw, Fil. Hd. Mach. #10-24NC x 3/8	2		091-986992	... Screw, Fil. Hd. Mach. #10-24 NC x 5/8 (Ass'y #37488, #27491, #34097, #34103, #27489, #27492, #34098, #34104)	2
2	090-120460	.. Small Part Plate	1	10	091-993154	.. Washer, Lock #4 Std. (Ass'ys #27490, #34099)	2
3	090-120452	.. Center Plate	1		091-993196	.. Washer, Lock #10 Std. (Ass'ys #27488, #27491, #34097, #34103, #27489, #27492, #34098, #34104)	2
Ref.	090-447806	Band Filing Ass'y (1612, 1612-0, 1612-H, 1612-1, 1613-2, 1612-3, 2013, 2013-1, 2013-0, 2013-10, 2012-A, 2012-1A, 2012-AT, 2012-1AT, 2612-2H, 2613-3, 3612-H, 3613-1, 3612-3, 6013-3)		11	106-093073	.. Insert (Ass'ys #27487, #34096)	1
Ref.	091-119487	Band Filing Ass'y (1612, 1612-0, 1612-H, 1612-1, 1612-3, 2013, 2013-1, 2013-0, 2013-10, 2012-A, 2012-1A, 2012-AT, 2012-1AT, 2612-2H, 2613-3, 3612-H, 3612-3)			106-093032	.. Insert (Ass'ys #27490, #34099)	1
Ref.	091-327734	Band Filing Ass'y (1612, 1612-0, 2013, 2013-1, 2013-0, 2013-10, 2012-A, 2012-AT, 2612-H, 2612-1, 3612, 3613-0)			106-093016	.. Insert (Ass'ys #27488, #34097)	1
Ref.	094-049947	Band Filing Ass'y (1612, 1612-0, 2013, 2013-1, 2013-0, 2013-10, 2012-A, 2012-AT, 2012-1AT, 2612-H, 2612-1, 3612, 3613-0)			106-093057	.. Insert (Ass'ys #27491, #34103)	1
					106-093099	.. Insert (Ass'ys #27489, #34098)	1
					106-093115	.. Insert (Ass'ys #27492, #34104)	1
				12	106-093081	.. File Guide (Ass'ys #27487, #34096)	1
					106-093040	.. File Guide (Ass'ys #27490, #34099)	1
					106-093024	.. File Guide (Ass'ys #27488, #34097)	1
					106-093065	.. File Guide (Ass'ys #27491, #34103)	1
					106-093107	.. File Guide (Ass'ys #27489, #34098)	1
					106-093123	.. File Guide (Ass'ys #27492, #34104)	1
					134-093137	.. Guide Plates (Not Shown) (Ass'ys #27490, #34099)	2
Ref.	090-485327	Band Filing Ass'y (1612-3, 2612-2H, 2613-3, 3612-3, 6013-3)			134-094028	.. Pin (Not Shown) (Ass'ys #27490, #34099)	2
Ref.	094-014388	Band Filing Ass'y (1613-3, 2612-2H, 2613-3, 3612-3, 6013-3)		13	090-013715	.. Adapter	1
Ref.	090-447814	Band Filing Ass'y (2613-2, 3613-2, 6013-2)		14	134-093129	.. File Guide Back-up (Ass'ys #44780, #111948, #132773, #404994, #44781, #45597)	1
Ref.	090-455973	Band Filing Ass'y (3613-2, 6013-2)			091-109314	.. File Guide Back-up (Ass'ys #48532, #401438)	1
4	090-274879	.. 1/4" File Guide Ass'y (Ass'ys #44780, #404994, #44781)	1		134-090018	.. Screw Assembly	1
	090-274903	.. 1/4" File Guide Ass'y (Ass'ys #111948, #132773, #45597)	1	15	090-038019	.. Head	1
	090-340969	.. 1/4" File Guide Ass'y. (Ass'y #48532)	1		090-038027	.. Screw	1
	090-340993	.. 1/4" File Guide Ass'y (Ass'y #401438)	1		090-106279	.. Center Plate (Ass'ys #44780, #111948, #48532, #401438)	1
5	090-274887	.. 3/8" File Guide Ass'y (Ass'ys #44780, #404994, #43781)	1	16	091-201285	.. Center Plate (Ass'ys #132773, #404994)	1
	090-274911	.. 3/8" File Guide Ass'y (Ass'ys #111948, #132773, #45597)	1	Ref.	091-069575	Band Polishing Ass'y (1611-H, 1611-U, 1612, 1612-0, 1612-H, 1612-1, 2013, 2013-1, 2013-0, 2013-10, 2012-A, 2012-1A, 2012-AT, 2012-1AT, 2612-H, 2612-1, 3612-U, 3612, 3613-0, 3612-H, 3613-1)	
	090-340977	.. 3/8" File Guide Ass'y (Ass'y #48532)	1		090-290230	Band Polishing Ass'y (1612-1, 1613-2, 1612-3, 3613-1, 3613-2, 3612-3)	
	090-341033	.. 3/8" File Guide Ass'y (Ass'y #401438)	1	Ref.	090-274853	Band Polishing Ass'y (26-2, 60-2, 2612-2H, 2613-2, 6013-2)	
6	090-274895	.. 1/2" File Guide Ass'y (Ass'ys #44780, #404994, #44781)	1	Ref.	090-274846	Band Polishing Ass'y (16-2, 16-3, 36-2, 36-3)	
	090-274929	.. 1/2" File Guide Ass'y (Ass'ys #111948, #132773, #45597)	1	Ref.	090-274861	Band Polishing Ass'y (26-3, 60-3, 2613-3, 6013-3)	
	090-340985	.. 1/2" File Guide Ass'y (Ass'ys #48532)	1	Ref.	091-069583	Band Polishing Ass'y (2612-1)	
	090-341041	.. 1/2" File Guide Ass'y (Ass'y #401438)	1	17	090-166869	.. Band Polishing Sub-Ass'y (Ass'ys #106957, #29023, #27485, #27484, #106958)	1
7	090-274176	.. Bracket (Ass'y #27487)	1		090-274143	.. Band Polishing Sub-Ass'y (Ass'y #27486)	1
	090-274184	.. Bracket (Ass'y #27490)	1	18	091-986968	.. Screw, Fil. Hd. Mach. #10-24 NC x 3/8	3
	090-340951	.. Bracket (Ass'y #34096)	1		090-274127	.. Bracket	1
	090-340944	.. Bracket (Ass'y #34099)	1		106-103013	.. Backup Plate (Ass'y #16686) ...	1
	090-274200	.. Bracket (Ass'y #27488)	1		135-099232	.. Backup Plate (Ass'y #27414) ...	1
	090-274218	.. Bracket (Ass'y #27491)	1		134-105055	.. Backup Cloth	1
	090-340936	.. Bracket (Ass'y #34097)	1		134-104025	.. Guide Backup	1
	090-340928	.. Bracket (Ass'y #34103)	1		134-090018	.. Screw Assembly	1
	090-274192	.. Bracket (Ass'y #27489)	1		090-038019	.. Head	1
	090-274226	.. Bracket (Ass'y #27492)	1		090-038027	.. Screw	1
	090-340910	.. Bracket (Ass'y #34098)	1		090-013715	.. Adapter	1
	090-340902	.. Bracket (Ass'y #34104)	1		090-105701	.. Center Plate (Not Shown) (Ass'ys #106957, #106958)	1
8	106-093149	.. Washer (Ass'ys #27487, #27490, #34096, #34099)	2				
	106-093131	.. Washer (Ass'ys #27488, #27491, #34097, #34103, #27489, #27492, #34098, #34104)	2				

REVISED AND
REDRAWN
S.C.L. 4-24-81
D.L.K. 1-3-85
W.M. 10-31-86



MODEL	FIRST MACH.	LAST MACH.
2013	301-71101	301-74165
2013-0	321-72101	321-74357
2013-1	338-74101	338-78245
2013-10	339-74101	339-781036
2013-U	411-80101	411-83444
E2013-U	420-81101	420-82104
2013-V	439-83101	439-86905

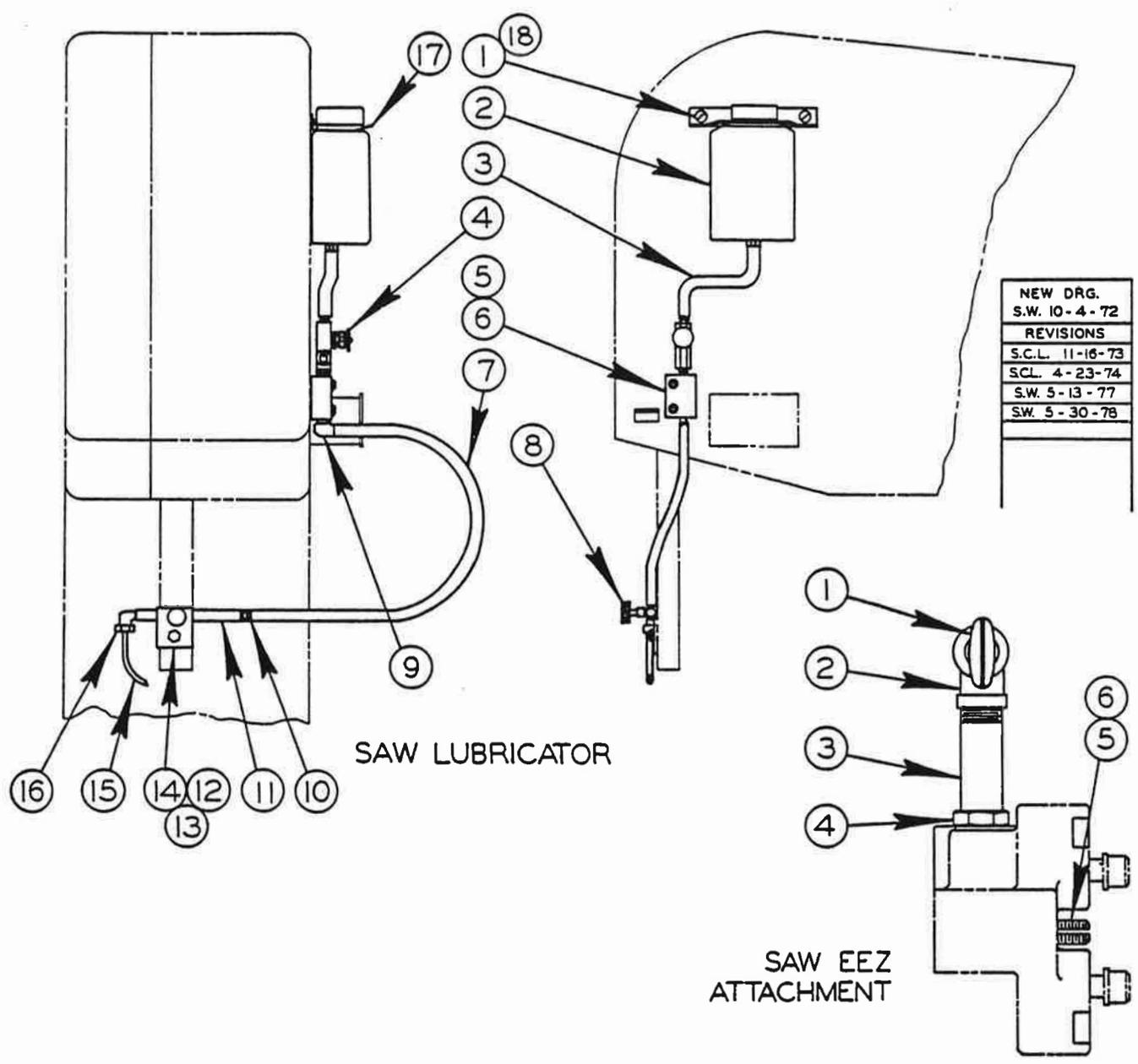
CHIP BLOWER ASSEMBLY

CODE NO. C-9-110

CHIP BLOWER ASSEMBLY

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	095-017869	Chip Blower Assembly	
1	091-323758	. Conduit Strap	5
2	091-994848	. Screw, Rd. Hd. Self-Tap 1/4-20NC x 1/2	5
3	091-281790	. Barbed Insert	1
4	135-036473	. 90° Elbow	1
5	090-040973	. Air Hose	1
6	091-970962	. Hose 5/8 O.D.	A.R.
8	135-068880	. Hose Clamp	2
9	090-058470	. Grommet	1
Alternate Configuration:			
10	091-199109	. Manifold	1
11	091-203695	. Pipe Plug	1
12	091-988782	. Screw, Rd. Hd. Mach. #10-24NC x 1-1/2	2

NEW DRG.
S.W. 10-4-72
REVISIONS
S.C.L. 11-16-73
S.C.L. 4-23-74
S.W. 5-13-77
S.W. 5-30-78



SAW LUBRICATOR

SAW EEZ ATTACHMENT

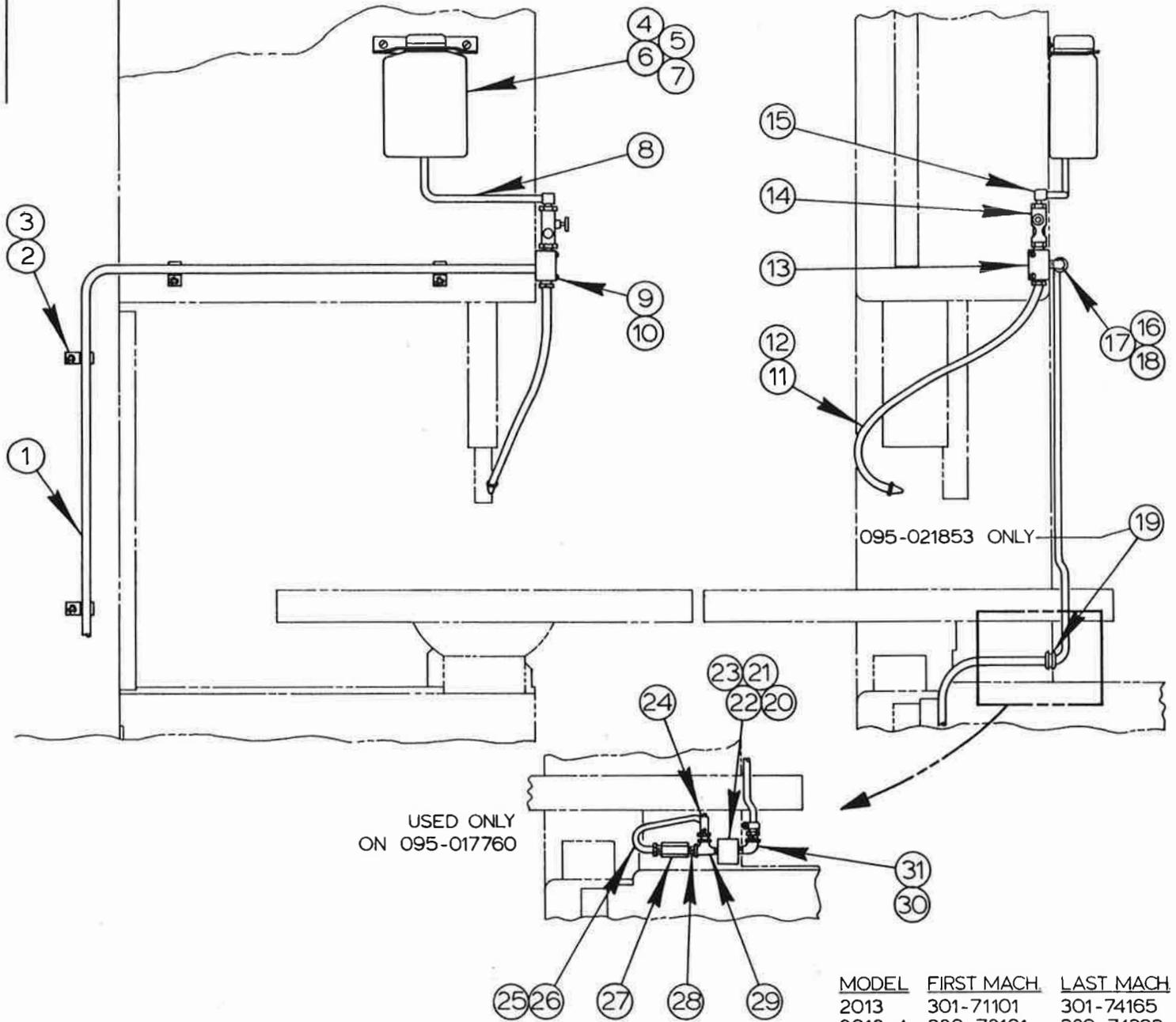
SAW LUBRICATOR ATTACHMENTS

SAW LUBRICATOR ATTACHMENTS

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	095-051959	90° Saw Guide & Saw Lubricator Ass'y	
Ref.	095-028122	Saw Lubricator (2612-1)	
Ref.	135-073286	Saw Lubricator (All Other Models)	
1	091-988931	. Screw, Rd. Hd. Mach. 1/4-20NC x 3/8	2
*2	091-369181	. Bottle Assembly	1
3	091-971440	. Plastic Tubing 1/4"	A.R.
4	105-275077	. Sight Feed Valve	1
5	090-120643	. Manifold	1
6	091-988782	. Screw, Rd. Hd. Mach. #10-24NC x 11/2	2
7	091-971440	. Plastic Tubing 1/4"	A.R.
8	134-174010	. Thumb Screw	1
9	091-081166	. 90° Barbed Insert	1
10	090-160011	. Barbed Insert	2
11	091-213108	. Adjustable Slide Rod	1
12	105-271027	. Post Lubricator Holder	1
13	091-980268	. Screw, Hex. Hd. Mach. 5/16-18NC x 5/8	1
14	091-993238	. Washer, Lock 5/16" Std.	1
15	091-971192	. Tube	A.R.
16	091-140632	. 90° Male Elbow	1
17	093-039568	. Bracket	1
18	091-993212	. Washer, Lock 1/4" Med.	2
19	090-448044	. 90° Saw Guide Ass'y (Ass'y#095-051959 only)(See Detail)	1
Ref.	090-310442	Saw Eez Attachment	
1	135-081495	. Saw Eez	1
2	135-036473	. Elbow	1
3	135-013514	. Nipple	1
4	107-015104	. Pipe Nut	1
5	135-004554	. Saw Lub. Pin (Bands 5/8" To 1")	Use
6	135-004513	. Saw Lub. Pin (Bands 1/16 To 1/2")	One

*NOTE: To Replace Other Preceding Style Coolant Tanks, Metal or Plastic, Order 090-851577 Coolant Tank Service Kit.

REVISED AND
REDRAWN
SCL. 5-13-81
MEL. 10-14-86



MIST COOLANT
ASSEMBLY

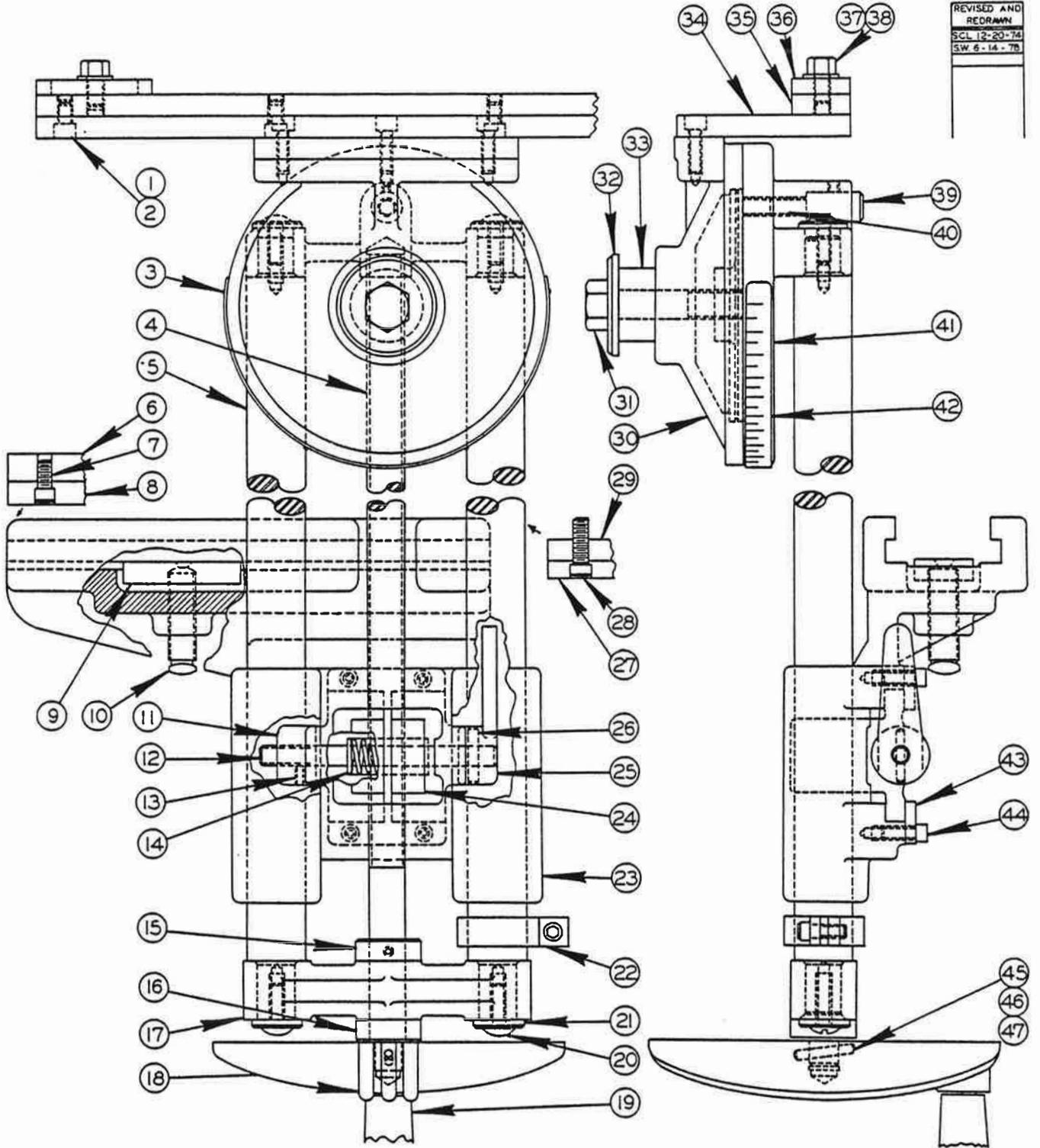
MODEL	FIRST MACH.	LAST MACH.
2013	301-71101	301-74165
2012-A	320-72101	320-74333
2013-O	321-72101	321-74357
2012-AT	330-74101	330-74111
2013-1	338-74101	338-78245
2013-10	339-74101	339-781036
2012-1A	340-74101	340-78421
2012-1AT	341-74101	341-77116
2013-U	411-80101	411-83444
E2013-U	420-81101	420-82104
2013-V	439-83101	439-86905

MIST COOLANT ASSEMBLY

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	095-021853	Mist Coolant Assembly (2013, 2013-0, 2013-1, 2013-10, 2013-2, 2013-20, 2013-U, E 2013-U)	
Ref.	095-017760	Mist Coolant Assembly (2012-A, 2012-AT, 2012-1A, 2012-1AT, 2012-2A)	
1	091-970962	. Hose 5/8 O.D.	A.R.
2	091-323758	. Conduit Strap	4
3	091-990150	. Screw, Truss Hd. Mach. #10-24NC x 3/8 (Ass'y. 095-021853)	4
	091-988931	. Screw, Rd. Hd. Mach. 1/4-20NC x 3/8 (Ass'y. 095-017760)	4
*4	091-369181	. Bottle Assembly	1
5	093-039568	. Bracket	1
6	091-988931	. Screw, Rd.Hd. Mach. 1/4-20NC x 3/8	2
7	091-993212	. Washer, Lock 1/4 Std.	2
8	091-971440	. Plastic Tubing 1/4 O.D.	A.R.
9	091-988782	. Screw, Rd. Hd. Mach. #10-24NC x 1-1/2	2
10	090-383035	. Coolant Manifold Assembly (Standard)	1
	090-383043	. Coolant Manifold Assembly (Extra Work Height) ..	1
11	090-040973	. . Air Hose (Standard)	1
	091-210203	. . Air Hose (Extra Work Height)	1
12	091-199778	. . Coolant Tube Sub-Assembly (Standard)	1
	091-210518	. . Coolant Tube Sub-Assembly (Extra Work Height) .	1
13	091-199109	. . Manifold	1
14	105-275077	. . Sight Feed Valve	1
15	091-081166	. . 90° Barbed Insert	1
16	105-045207	. 90° Street Elbow	1
17	090-179029	. Hose Clamp	2
18	091-281790	. Barbed Insert	1
19	090-058470	. Grommet (Ass'y. 095-021853 Only)	1
20	091-988956	. Screw, Rd. Hd. Mach. 1/4-20NC x 1/2 (Ass'y. 095-017760 Only)	1
21	091-993741	. Washer, Lock 1/4 Shakeproof Ext. (Ass'y. 095-017760 Only)	1
22	093-078939	. Coolant Manifold Ass'y. (Ass'y. 095-017760 Only)	1
23	091-281485	. . Manifold	1
24	091-180885	. . Safety Valve	1
25	091-970947	. . Hose, Black Neoprene 11/16 O.D.	A.R.
26	135-068880	. . Hose Clamp	2
27	093-034106	. . Orifice (.033 Dia.)	1
28	114-035074	. . Close Nipple	1
29	135-008472	. . Service Tee	2
30	117-135210	. . 90° Street Elbow	1
31	090-020041	. . Barbed Insert	3

*NOTE To Replace any other Preceding Style Coolant Tank, Metal or plastic, Order 090-851577 Coolant Tank Service Kit.

REVISED AND
 REDRAWN
 SCL 12-20-74
 SW 6-14-78

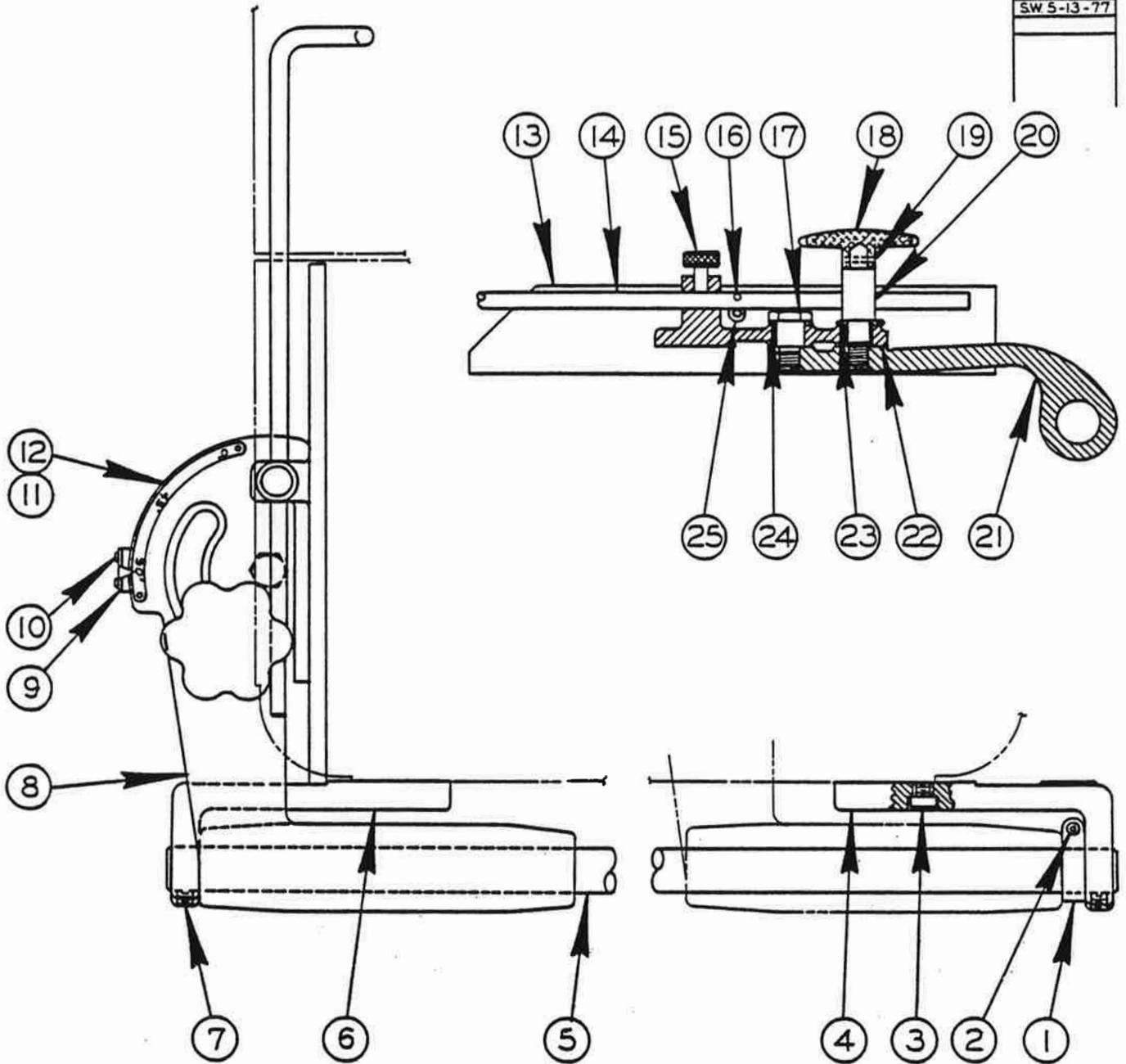


ALL PURPOSE MITRE ATTACHMENT ASSEMBLY

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

REVISED AND REDRAWN
S.C.I. 11-28-74
SW 5-13-77

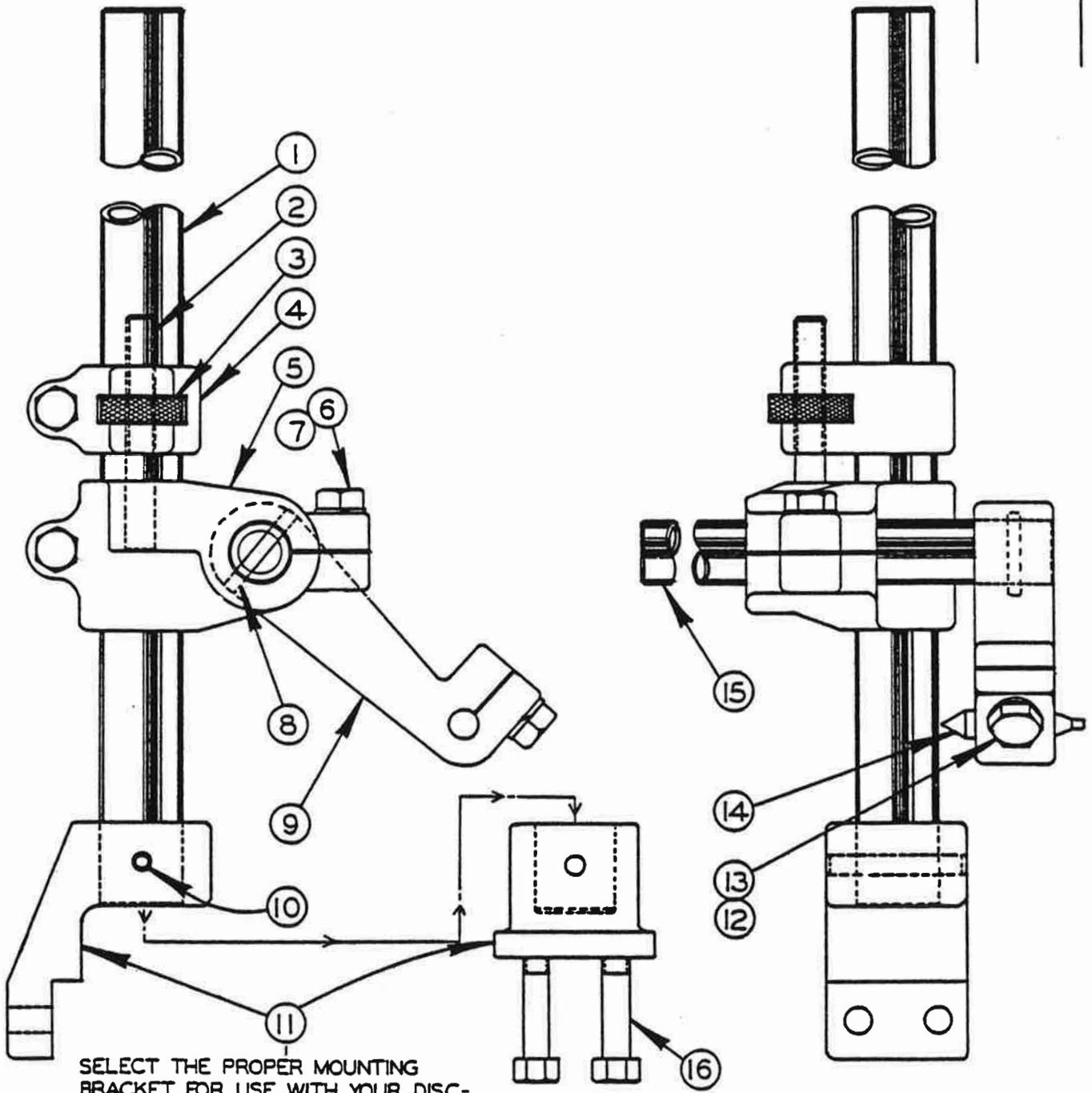


NO. 2
STANDARD CUT-OFF & MITERING ATTACHMENT
(SIDE MOUNT)

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

NEW DRG. S.W. 8-22-68
REVISIONS



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

DISC CUTTER ASSEMBLY

C-10-2 CM-9-1 Z-9-4

PRINTED IN U.S.A.

CODE NO. C-10-2

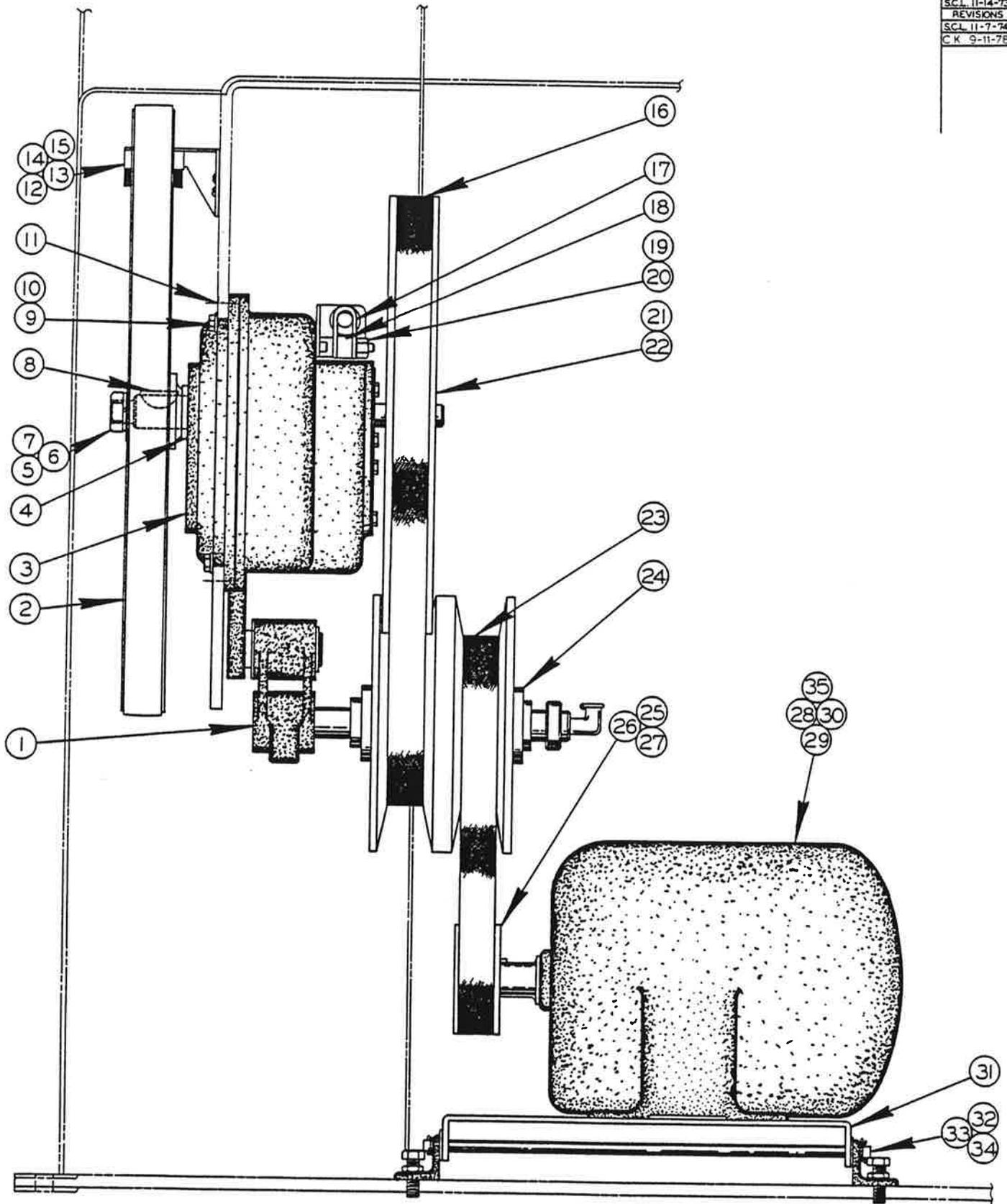
CM-9-1

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)	

NEW DRG.
SCL 11-14-73
REVISIONS
SCL 11-7-74
CK 9-11-78



DRIVE ASSEMBLY

MODEL	FIRST MACH	LAST MACH
2013	301-74145	301-74165
2013-1	338-74101	338-75113

C-5-60

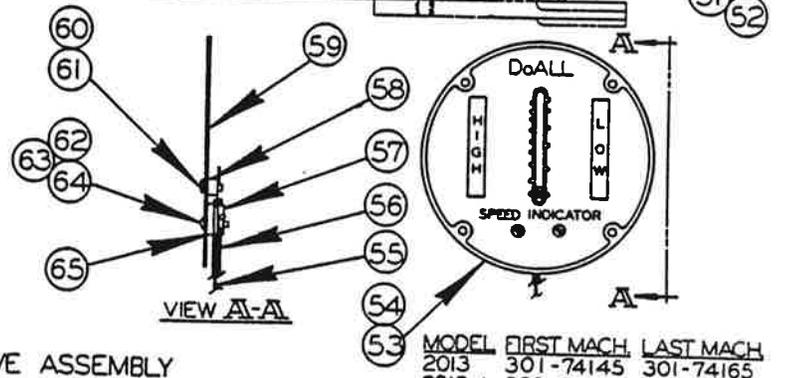
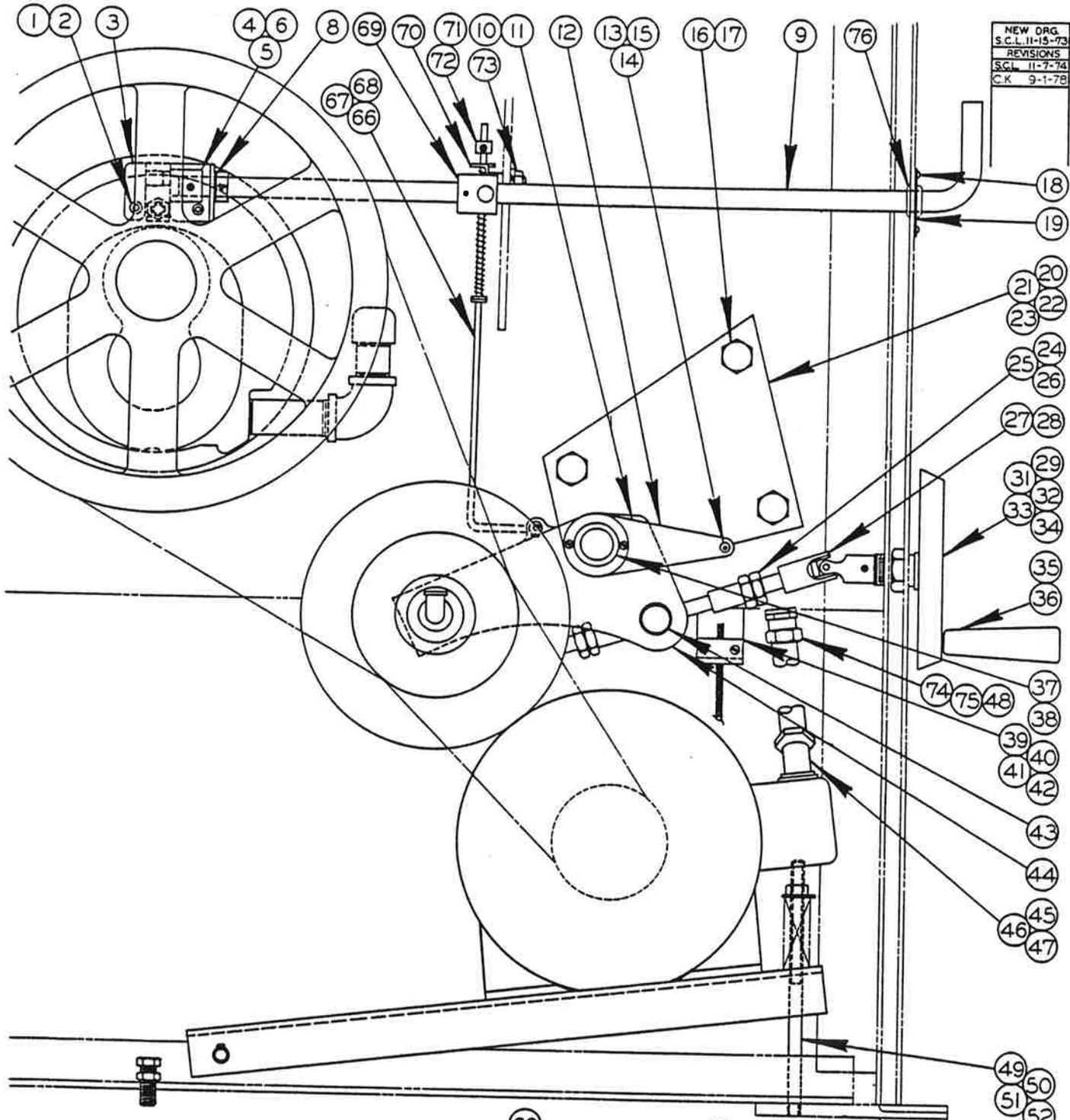
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C-1

DRIVE ASSEMBLY

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	503194	Drive Assembly (50 Cycle)	
Ref.	500914	Drive Assembly (60 Cycle)	
1	091-984377	. Screw, Soc. Set 5/16-18NC x 1/2	2
2	090-397126	. Wheel Assembly	1
	091-253575	. . Tire	1
	094-025996	. . Lower Saw Wheel	1
3	090-559972	. 2-Speed Transmission Sub-Assembly (See Detail)	1
4	091-333161	. Spacer 20 Ga. (Assembly #503194)	Use
	091-333179	. Spacer 22 Ga. (Assembly #503194)	
	091-333187	. Spacer 10 Ga. (Assembly #503194)	
	091-318147	. Spacer Option List (Assembly #500914)	A.R.
5	091-992685	. Washer, Flat 3/4" SAE	1
6	091-993782	. Washer, Shakeproof Lock 3/4" External	1
7	091-991406	. Nut, Hex. Jam 3/4-10NC	1
8	105-046049	. Woodruff Key	1
9	091-980300	. Screw, Hex. Hd. Cap 5/16-18NC x 1 1/4	4
10	091-993238	. Washer, Spring Lock 5/16" Med.	4
11	135-066959	. Dowel Pin	1
12	090-166844	. Wheel Brush	1
13	090-166646	. Brush Holder Weldment	1
14	091-988691	. Screw, Rd. Hd. Mach. #10-24NC x 1/2	4
15	091-992586	. Washer, Flat #10 SAE	4
16	090-028002	. Vari-Speed Belt	1
17	135-065621	. Shifter Segment	1
18	135-065639	. Spacer	1
19	091-993766	. Washer, Shakeproof Lock 3/8" External	1
20	091-991265	. Nut, Hex. 3/8-16NC	6
21	094-050960	. Pulley	1
22	107-013450	. Key	1
23	135-004703	. Vari-Speed Belt	1
24	135-093359	. Variable Sheave Assembly(See Detail)	1
25	094-052503	. Motor Base Assembly (3H.P., 50Hz TEFC)(Assembly #503194)..	Use
	094-050002	. Motor Base Assembly (60 Hz, Std.)(Assembly #500914)	One
26	093-051928	. Pulley (Assembly #405250)	Use
	090-397803	. Pulley (Assembly #405000)	One
27	091-984245	. . Screw, Soc. Set 1/4-20NC x 3/8	2
28	091-164699	. . Electric Motor (50 Hz)(Assembly #405250)	Use
	091-113548	. . Electric Motor (Assembly #405000)	One
29	091-980474	. . Screw, Hex. Hd. Cap 3/8-16NC x 1 1/4	6
30	091-993329	. . Washer, Lock 3/8" Std.	4
31	094-045895	. . Motor Base	1
32	091-304352	. Shaft	1
33	091-995167	. Cotter Pin	2
34	091-992644	. Washer, Flat 3/8" Std.	5
35	091-991265	. . Nut, Hex. 3/8-16NC	4
	Following Items Not Shown: (Used on Motor Base Assemblies)		
	090-144114	. . Flange Washer	1
	090-145053	. . "O"-Ring	1
	090-145079	. . Conduit Connector 45°	1
	091-350785	. . Reducing Washer	2

NEW DRG.
S.C.L. 11-15-73
REVISIONS
S.C.L. 11-7-74
C.K. 9-1-78



DRIVE ASSEMBLY

MODEL	FIRST MACH.	LAST MACH.
2013	301-74145	301-74165
2013-1	338-74101	338-75113

C-5-61

C-3

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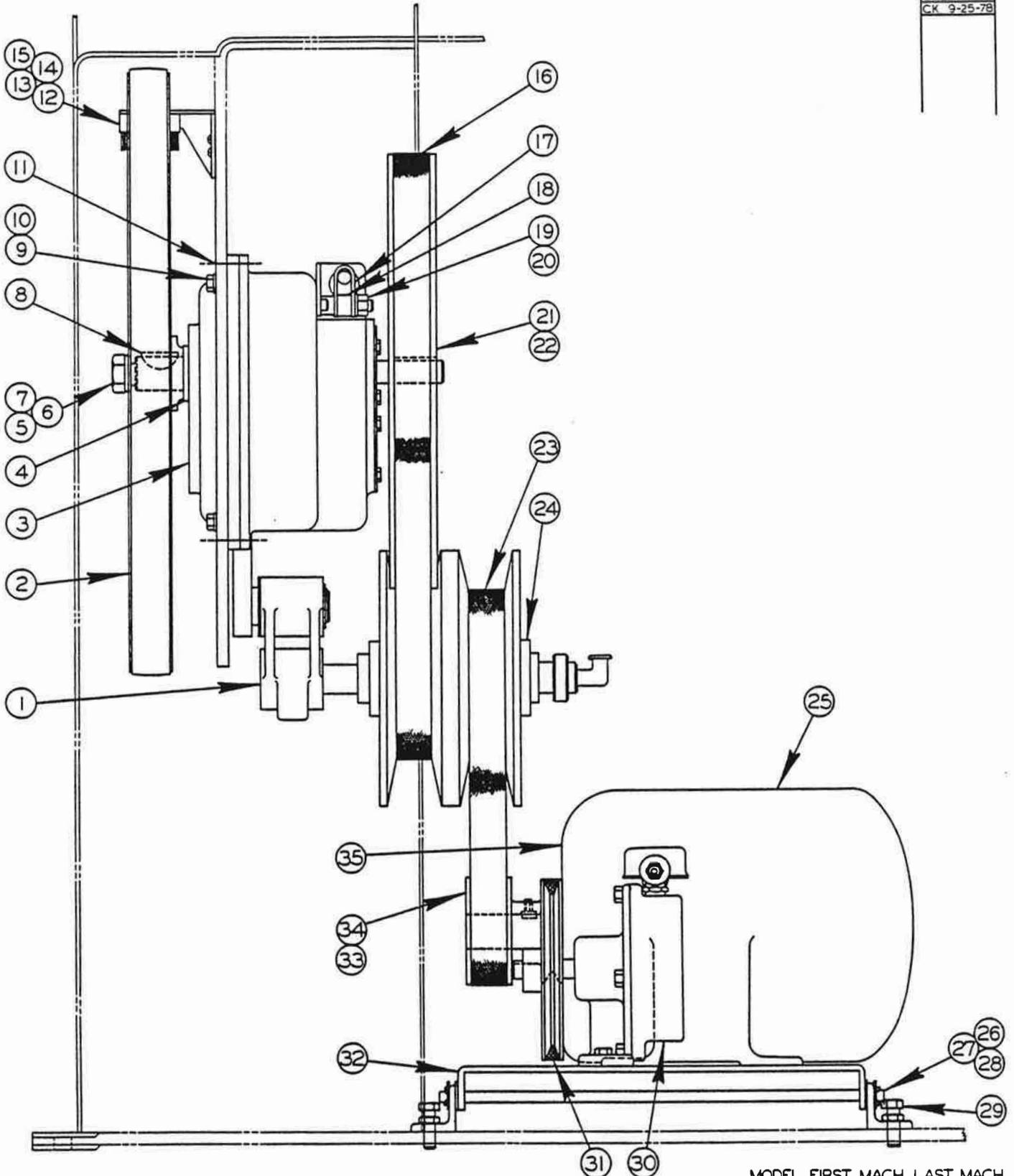
DRIVE ASSEMBLY

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y	INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	503194	Drive Assembly(50Hz)					
Ref.	500914	Drive Assembly(60Hz)					
1	091-982363	. Screw, Soc. Hd. Cap 1/4-20NCx1/2.	2	43	090-061755	. . Trunnion Pin	1
2	091-318089	. Lactite "HV"	A.R.	44	090-423518	. . Arm	1
3	090-040338	. Bracket	1	45	Stk. #553	. Wire Markers T1-T3 Brady.....	A.R.
4	091-984229	. Screw, Soc. Set 1/4-20NC x 1/4..	3	46	091-971853	. Wire, #12 Blk. Nylon Jacket.....	A.R.
5	106-044043	. Eccentric.....	1	47	091-971564	. Conduit, 1/2" Sealite	A.R.
6	090-042599	. Roll Pin	3	48	090-145459	. Conduit Connector	1
7				49	091-991265	. Nut, Hex. 3/8-16NC	6
8	106-044159	. Shift Lever Collar	1	50	090-018755	. Spring	1
9	091-230581	. Shift Lever	1	51	135-087658	. Stud	1
10	091-988543	. Screw, Rd. Hd. Mach. #8-32NC x 1/2	2	52	091-992644	. Washer, Flat 3/8" Std.	5
11	091-245878	. Indicator Arm Sub-Assembly	1	53	091-988659	. Screw, Rd. Hd. Mach. #10-24NC x 1/4	4
12	091-245886	. Arm	1	54	093-026771	. International Speed Indicator Assembly	Use
13	091-992925	. Washer, Flat Brass #8	1		090-374992	. English Speed Indicator Assembly ...	One
14	135-063287	. Swivel	1	55	091-187005	. . Speed Indicator Wire	1
15	091-986869	. Screw, Fil. Hd. Mach. #4-40NCx1/4	1	56	091-187013	. . Speed Indicator Cable	1
16	091-980532	. Screw, Hex. Hd. Cap 3/8-16NCx2 3/4	3	57	091-186981	. . Strap	1
17	091-993329	. Washer, Lock 3/8" Std.	4	58	091-194134	. . Spacer	1
18	091-993972	. Drive Screw #2x 1/4" PK-U	4	59	090-377680	. . Speed Indicator Dial, International	Use
19	091-006445	. Escutcheon (Caution)	1		090-374984	. . Speed Indicator Dial, English.....	One
20	094-026051	. Variable Linkage Sub-Assembly....	1	60	105-054076	. . Pointer	1
21	093-025435	. . Base Assembly	1	61	091-984005	. . Screw, Soc. Set #4-40NC x 1/8 ...	1
22	091-991422	. . Nut, Hex. Jam 3/4-16NF	4	62	091-988543	. . Screw, Rd. Hd. Mach. #8-32NC x 1/2	2
23	090-059569	. . Adjusting Screw	3	63	091-991091	. . Nut, Hex. Jam #8-32NC	2
24	090-397795	. . Variable Screw	1	64	091-993188	. . Washer, Spring Lock #8 Med.	2
25	105-134100	. . Screw, Stop Nut 1/2-13NC x 3/8	4	65	091-187047	. . Spacer	1
26	090-079799	. . Spacer	2	66	093-037471	. Shift Lock Operating Rod	1
27	134-055243	. . Universal Joint Assembly	1	67	091-076828	. Grip Ring	2
28	090-042573	. . Roll Pin	1	68	106-043086	. Shifter Lock Spring	1
29	091-992669	. . Washer, Flat 1/2" SAE	1	69	106-044126	. Shifter Lever Lock	1
30				70	106-043060	. Shift Locking Plate	1
31	090-042599	. . Roll Pin	1	71	135-064707	. Collar	1
32	091-072801	. . Shaft	1	72	091-984096	. Screw, Soc. Set #10-24NC x 3/16....	1
33	090-425355	. Handwheel	1	73	106-044092	. Shifter Lock Stud	1
34	091-245944	. . Bushing	1	74	090-145053	. "O"-Ring	1
35	091-181164	. . Handle	1	75	090-144114	. Flange Washer	1
36	091-181172	. . Pin	1	76	090-075060	. Grammet	1
37	135-075588	. . Retaining Ring Ext.	1				
38	090-029158	. . Spacer	1				
39	091-186973	. Bracket	1				
40	091-186981	. Strap	1				
41	091-988535	. Screw, Rd. Hd. Mach. #8-32NC x 3/8	2				
42	091-187047	. Spacer	2				

Following Items Not Shown:

091-980474	. Screw, Hex. Hd. Cap 3/8-16NC x 1 1/4	2
091-988667	. Screw, Rd. Hd. Mach. #10-24NC x 5/16	1

NEW DRG.
SCL 5-9-74
REVISIONS
SCL 11-8-74
CK 9-25-78



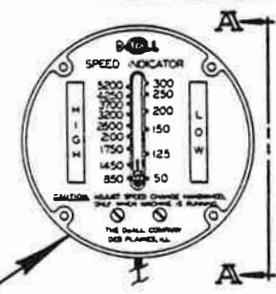
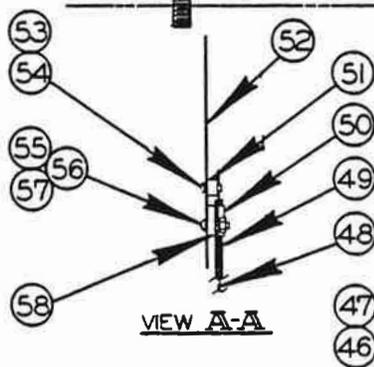
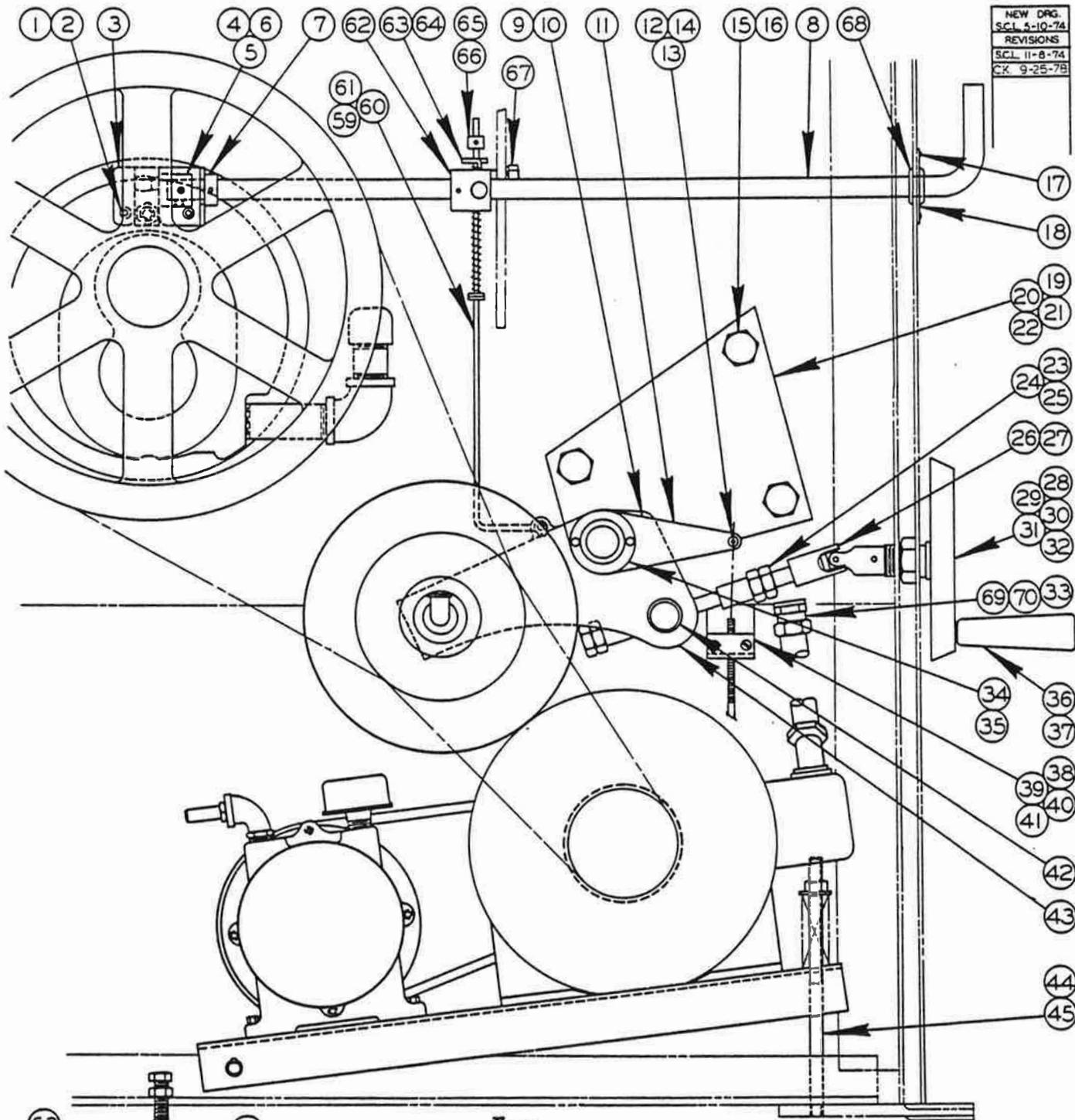
DRIVE ASSEMBLY

MODEL	FIRST MACH.	LAST MACH.
2013-0	321-74214	321-74357
2013-10	339-74101	339-75190

DRIVE ASSEMBLY

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	503607	Drive Assembly (60 Cycle)	
Ref.	503608	Drive Assembly (50 Cycle)	
1	091-984377	. Screw, Soc. Set 5/16-18NC x 1/2	2
2	090-397126	. Wheel Assembly	1
	091-253575	. . Tire	1
	094-025996	. . Lower Saw Wheel	1
3	090-559972	. 2 Speed Transmission Sub-Assembly (See Detail)	1
4	091-318147	. Spacer Option List	1
5	091-991406	. Nut, Hex. Jam 3/4-10NC	1
6	091-992685	. Washer, Flat 3/4" Std.	1
7	091-993782	. Washer, Lock 3/4" Shakeproof Ext.....	1
8	105-046049	. Key	1
9	091-980300	. Screw, Hex. Hd. Cap 5/16-18NC x 1 1/4	4
10	091-993238	. Washer, Lock 5/16" Std.	4
11	135-066959	. Dowel	1
12	090-166844	. Brush	1
13	090-166646	. Brush Holder Weldment	1
14	091-988691	. Screw, Rd. Hd. Mach. #10-24NC x 1/2	4
15	091-992586	. Washer, #10 Std.	4
16	090-028002	. Vari-Speed Belt	1
17	135-065621	. Shifter Segment	1
18	135-065639	. Spacer	1
19	091-991265	. Nut, Hex. 3/8-16NC	6
20	091-993766	. Washer, Lock 3/8" Shakeproof Ext.	1
21	094-050960	. Pulley	1
22	107-013450	. Key	1
23	135-004703	. Vari-Speed Belt	1
24	135-093359	. Variable Sheave Assembly (See Detail)	1
25	094-052511	. Motor Base Assembly(60 Hz)(Chip Blower)(See Detail)	Use
	094-052529	. Motor Base Assembly(50 Hz)(Chip Blower)(See Detail)	One
26	091-304352	. Shaft	1
27	091-995167	. Cotter Pin	2
28	091-992644	. Washer, Flat 3/8" Std.	5
29	091-980474	. Screw, Hex. Hd. Cap 3/8-16NC x 1 1/4	2
30	090-427089	. . Air Pump Sub-Assembly (See Detail)	1
31	135-003408	. . "V" Belt	1
32	094-045895	. . Motor Base	1
33	094-034477	. . Pulley	1
34	091-984245	. . Screw, Soc. Set 1/4-20NC x 3/8	2
35	091-113548	. . Electric Motor (60 HZ)	Use
	091-161034	. . Electric Motor (50 HZ DP)	
	091-164699	. . Electric Motor (50 HZ TEFC)	One

NEW DRG.
SCL 5-10-74
REVISIONS
SCL 11-8-74
CX 9-25-78



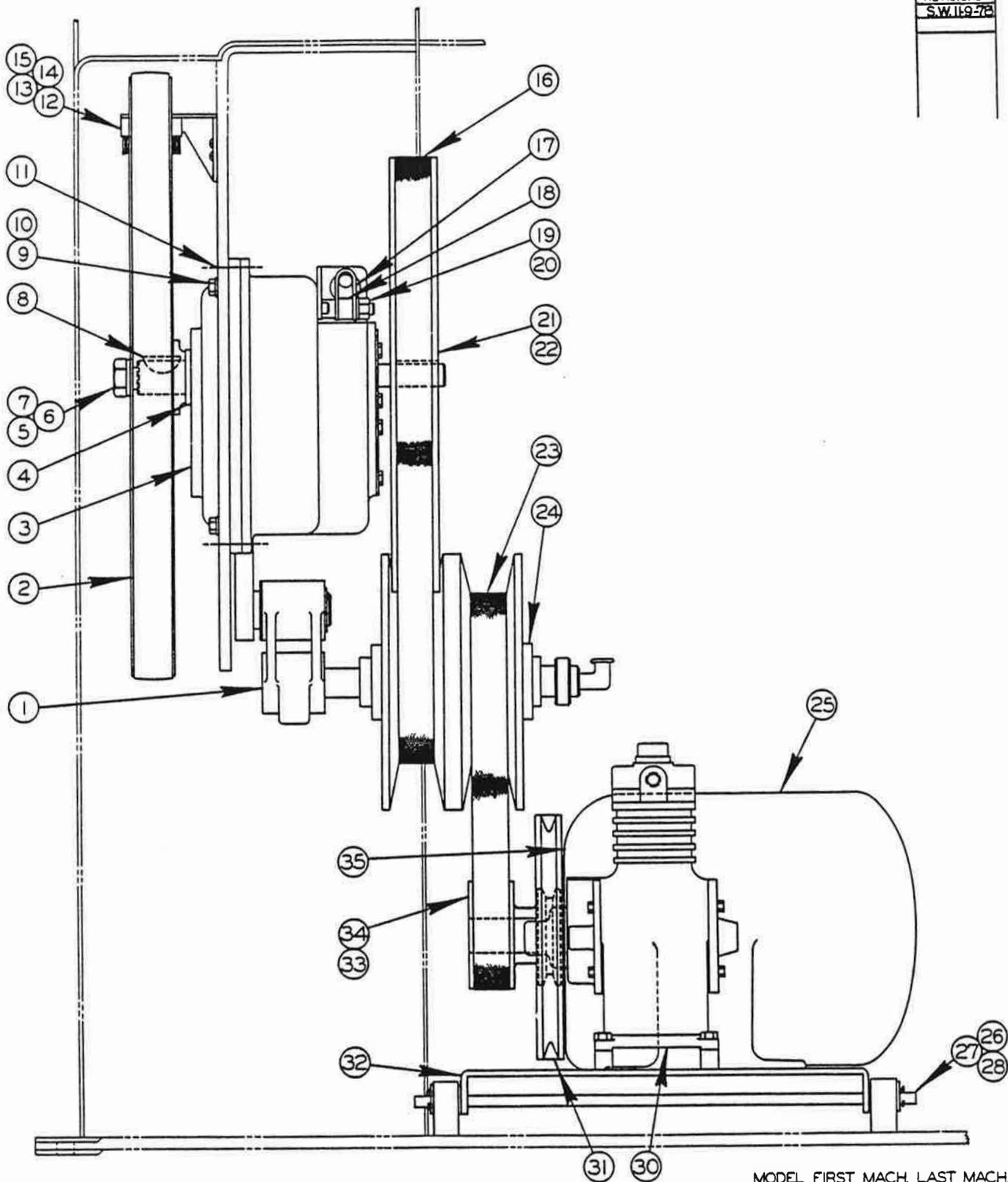
MODEL	FIRST MACH.	LAST MACH.
2013-0	321-74214	321-74357
2013-10	339-74101	339-75190

DRIVE ASSEMBLY

DRIVE ASSEMBLY

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	503607	Drive Assembly(60 Cycle)	
Ref.	503608	Drive Assembly(50 Cycle)	
1	091-982363	. Screw, Soc. Hd. Cap 1/4-20NC x 1/2	2
2	091-318089	. Loctite "ABV"	A.R.
3	090-040338	. Bracket	1
4	091-984229	. Screw, Soc. Set 1/4-20NC x 1/4	3
5	106-044043	. Eccentric	1
6	090-042599	. Roll Pin	3
7	106-044159	. Shift Lever Collar	1
8	091-230581	. Shift Lever	1
9	091-988543	. Screw, Fil. Hd. Mach. #8-32NC x 1/2	2
10	091-245878	. Indicator Arm Sub-Assembly	1
11	091-245886	. Arm	1
12	091-992925	. Washer, Flat #8 Brass	1
13	135-063287	. Swivel	1
14	091-986869	. Screw, Fil. Hd. Mach. #4-40NC x 1/4	1
15	091-980532	. Screw, Hex. Hd. Cap 3/8-16NC x 2 3/4	3
16	091-993329	. Washer, Lock 3/8" Std.	4
17	091-993972	. Screw, Drive Pk-U #2 x 1/4	4
18	091-006445	. Escutcheon	1
19	094-026051	. Variable Linkage Sub-Assembly	1
20	093-025435	. Base Assembly	1
21	091-991422	. Nut, Hex. Jam 3/4-16NF	4
22	090-059569	. Adjusting Screw	3
23	090-397795	. Variable Screw	1
24	105-134100	. Screw, Stop Nut 1/2-13NC x 3/8	4
25	090-079799	. Spacer	2
26	134-055243	. Universal Joint	1
27	090-042573	. Roll Pin	1
28	091-992669	. Washer, Flat 1/2" Std.	1
29	090-042599	. Roll Pin	1
30	091-072801	. Shaft	1
31	090-425356	. Handwheel	1
32	091-245944	. Bushing	1
33	090-145459	. Conduit Connector 1/2" Str. Stb. #50	1
34	135-075588	. Retaining Ring	1
35	090-029158	. Spacer	1
36	091-181164	. Handle	1
37	091-181172	. Pin	1
38	091-186973	. Bracket	1
39	091-186981	. Strap	1
40	091-988535	. Screw, Rd. Hd. Mach. #8-32NC x 1/2	2
41	091-187047	. Spacer	2
42	090-061755	. Trunnion Pin	1
43	090-423518	. Arm	1
44	090-018755	. Spring	1
45	091-307603	. Stud	1
46	091-988659	. Screw, Rd. Hd. Mach. #10-24NC x 1/4	4
47	090-374992	. Speed Indicator Assembly (English)	Use
	093-026771	. Speed Indicator Assembly (International)	One
48	091-187005	. Speed Indicator Wire	1
49	091-187013	. Speed Indicator Cable	1
50	091-186981	. Strap	1
51	091-194134	. Spacer	1
52	090-374984	. Speed Indicator Dial (English)	Use
	090-377680	. Speed Indicator Dial (International)	One
53	105-054076	. Speed Indicator Pointer	1
54	091-984005	. Screw, Soc. Set #4-40NC x 1/8	1
55	091-988543	. Screw, Rd. Hd. Mach. #8-32NC x 1/2	2
56	091-991091	. Nut, Hex. #8-32NC	2
57	091-993188	. Washer, Lock #8 Std.	2
58	091-187047	. Spacer	1
59	091-076827	. Grip Ring	2
60	106-043086	. Shifter Lock Spring	1
61	093-037471	. Shift Lock Operating Rod	1
62	106-044126	. Shifter Lever Lock	1
63	106-043060	. Shift Locking Plate	1
64	091-988667	. Screw, Rd. Hd. Mach. #10-24NC x 5/16	1
65	135-064707	. Collar	1
66	091-984096	. Screw, Soc. Set #10-24NC x 3/16	1
67	106-044092	. Shifter Lock Stud	1
68	090-075060	. Grammet	1
69	090-145053	. "O"-Ring	1
70	090-144114	. Flanged Washer	1

NEW DRG.
S.W. 6-25-75
REVISIONS
S.W. 11-9-78



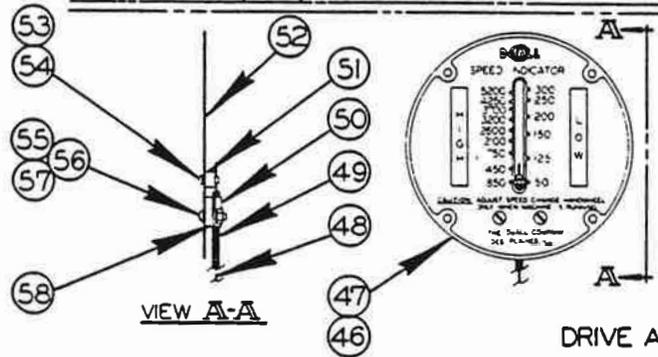
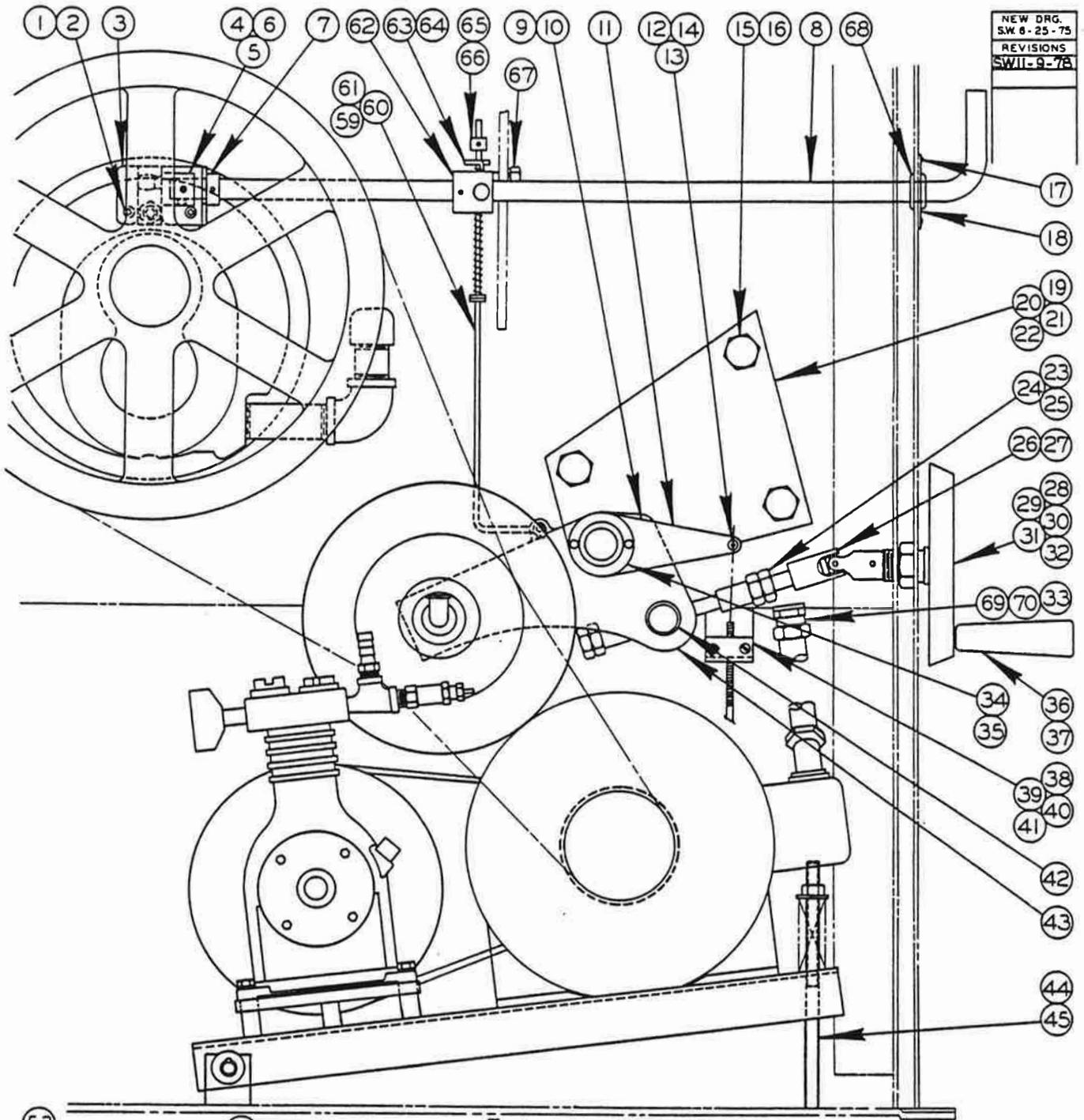
DRIVE ASSEMBLY

MODEL	FIRST MACH.	LAST MACH.
2012-IH	348-75101	348-78170
2013-I	338-75114	338-78245
2013-IO	339-75191	339-781036

DRIVE ASSEMBLY

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	504230	Drive Assembly	
1	091-984377	. Screw, Soc. Set 5/16-18NC x 1/2	2
2	090-397126	. Wheel Assembly.....	1
	091-253575	. . Tire	1
	094-025996	. . Lower Saw Wheel	1
	090-140872	. . Plug Button	3
3	090-559972	. 2 Speed Transmission Sub-Assembly (See Detail)	1
4	091-318147	. Spacer Option List	1
5	091-991406	. Nut, Hex. Jam 3/4-10NC	1
6	091-992685	. Washer, Flat 3/4" Std.	1
7	091-993782	. Washer, Lock 3/4" Shakeproof Ext.	1
8	105-046049	. Key	1
9	091-980300	. Screw, Hex. Hd. Cap 5/16-18NC x 1-1/4	4
10	091-993238	. Washer, Lock 5/16 Std.	4
11	135-066959	. Dowel	1
12	090-166844	. Brush	1
13	090-166646	. Brush Holder Weldment.....	1
14	091-988691	. Screw, Rd. Hd. Mach. #10-24NC x 1/2	4
15	091-992586	. Washer, #10 Std.	4
16	135-004695	. Vari-Speed Belt	1
17	135-065621	. Shifter Segment	1
18	135-065639	. Spacer	1
19	091-991265	. Nut, Hex. 3/8-16NC	4
20	091-993766	. Washer, Lock 3/8" Shakeproof Ext.	1
21	094-050960	. Pulley	1
22	107-013450	. Key	1
23	135-004703	. Vari-Speed Belt	1
24	135-093359	. Variable Sheave Assembly (See Detail)	1
25	094-052552	. Motor Base Assembly	1
26	093-039535	. Shaft	1
27	091-995167	. Cotter Pin	2
28	091-992644	. Washer, Flat 3/8" Std.	5
30	094-019577	. . Air Pump Assembly (See Detail)	1
31	135-003408	. . "V" Belt	1
32	094-045895	. . Motor Base	1
33	094-034477	. . Pulley	1
34	091-984245	. . Screw, Soc. Set 1/4-20NC x 3/8	2
35	091-113548	. . Electric Motor 3 H.P. 1800/60 TEFC	1

NEW DRG.
 SW 8-25-75
 REVISIONS
 SW11-9-78



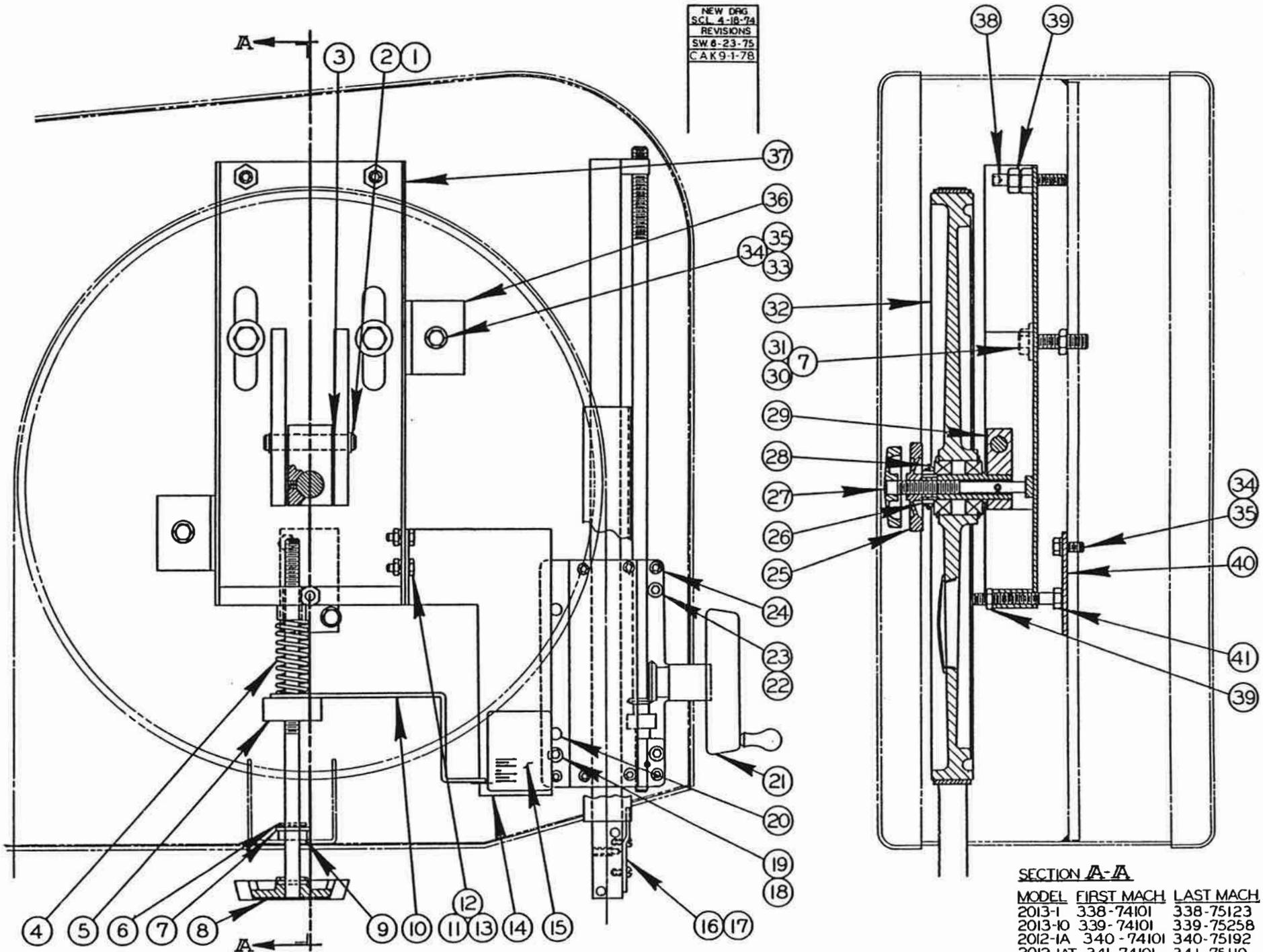
MODEL	FIRST MACH.	LAST MACH.
2012-1H	348-75101	348-78170
2013-1	338-75114	338-78245
2013-10	339-75191	339-781036

DRIVE ASSEMBLY

DRIVE ASSEMBLY

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	504230	Drive Assembly (50 Cycle)	
1	091-982363	• Screw, Soc. Hd. Cap 1/4-20NC x 1/2	2
2	091-318089	• Loctite "HV"	A.R.
3	090-040338	• Bracket	1
4	091-984229	• Screw, Soc. Set 1/4-20NC x 1/4	3
5	106-044043	• Eccentric	1
6	090-042599	• Roll Pin	3
7	106-044159	• Shift Lever Collar	1
8	091-230581	• Shift Lever	1
9	091-988543	• Screw, Rd. Hd. Mach. #8-32NC x 1/2	2
10	091-245878	• Indicator Arm Sub-Assembly	1
11	091-245886	• Arm	1
12	091-992925	• Washer, Flat #8 Brass	1
13	135-063287	• Swivel	1
14	091-986869	• Screw, Fil. Hd. Mach. #4-40NC x 1/4	1
15	091-980532	• Screw, Hex. Hd. Cap 3/8-16NC x 2 3/4	3
16	091-993329	• Washer, Lock 3/8" Std.	4
17	091-993972	• Screw, Drive Pk-Type "U" #2 x 1/4	4
18	091-006445	• Escutcheon	1
19	094-026051	• Variable Linkage Sub-Assembly	1
20	093-025435	• Base Assembly	1
21	091-991422	• Nut, Hex. Jam 3/4-16NF	4
22	090-059569	• Adjusting Screw	3
23	090-397795	• Variable Screw	1
24	105-134100	• Screw, Stop Nut 1/2-13NC x 3/8	4
25	090-079799	• Spacer	2
26	134-055243	• Universal Joint	1
27	090-042573	• Roll Pin	1
28	091-992669	• Washer, Flat 1/2" Std.	1
29	090-042599	• Roll Pin	1
30	091-072801	• Shaft	1
31	090-425356	• Handwheel	1
32	091-245944	• Bushing	1
33	090-145459	• Conduit Connector 1/2 Str. Stb. #50	1
34	135-075588	• Retaining Ring	1
35	090-029158	• Spacer	1
36	091-181164	• Handle	1
37	091-181172	• Pin	1
38	091-186973	• Bracket	1
39	091-186981	• Strap	1
40	091-988535	• Screw, Rd. Hd. Mach. #8-32NC x 3/8	2
41	091-187047	• Spacer	2
42	090-061755	• Trunnion Pin	1
43	090-423518	• Arm	1
44	090-018755	• Spring	1
45	135-087658	• Stud	1
46	091-988659	• Screw, Rd. Hd. Mach. #10-24NC x 1/4	4
47	090-374992	• Speed Indicator Assembly (English)	Use
	093-026771	• Speed Indicator Assembly (International)	One
48	091-187005	• Speed Indicator Wire	1
49	091-187013	• Speed Indicator Cable	1
50	091-186981	• Strap	1
51	091-194134	• Spacer	1
52	090-374984	• Speed Indicator Dial (English)	Use
	090-377680	• Speed Indicator Dial (International)	One
53	105-054076	• Speed Indicator Pointer	1
54	091-984005	• Screw, Soc. Set #4-40NC x 1/8	1
55	091-988543	• Screw, Rd. Hd. Mach. #8-32NC x 1/2	2
56	091-991091	• Nut, Hex. #8-32NC	2
57	091-993188	• Washer, Lock #8 Std.	2
58	091-187047	• Spacer	1
59	091-076828	• Grip Ring	2
60	106-043086	• Shifter Lock Spring	1
61	093-037471	• Shift Lock Operating Rod	1
62	106-044126	• Shifter Lever Lock	1
63	106-043060	• Shift Locking Plate	1
64	091-988667	• Screw, Rd. Hd. Mach. #10-24NC x 5/16	1
65	135-064707	• Collar	1
66	091-984096	• Screw, Soc. Set #10-24NC x 3/16	1
67	106-044092	• Shifter Lock Stud	1
68	090-075060	• Grammet	1
69	090-145053	• "O"-Ring	1
70	090-144114	• Flanged Washer	1

NEW DRG
 SCL 4-18-74
 REVISIONS
 SW 8-23-75
 CAK 9-1-78



SECTION A-A

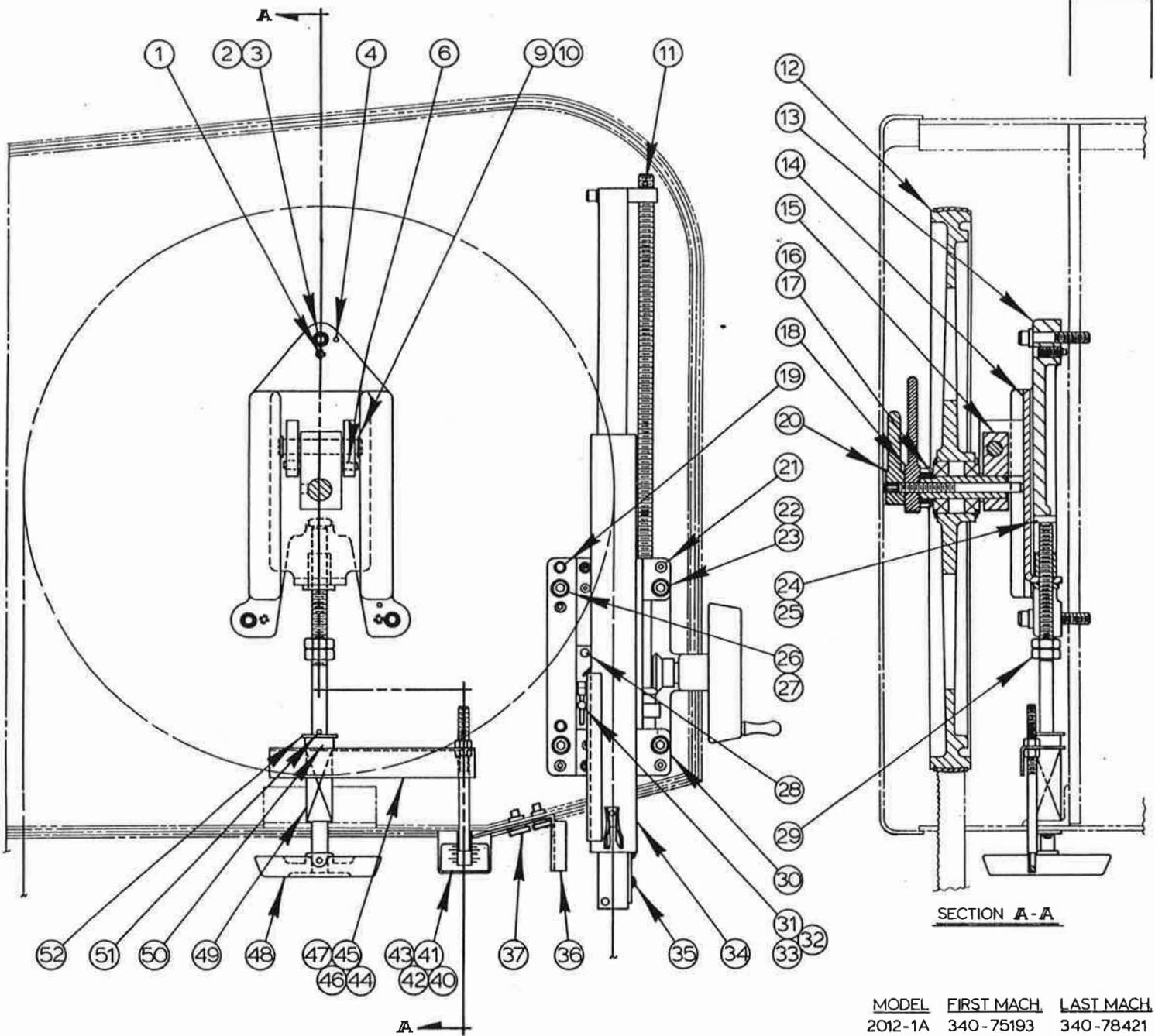
MODEL	FIRST MACH	LAST MACH
2013-1	338-74101	338-75123
2013-10	339-74101	339-75258
2012-1A	340-74101	340-75192
2012-1AT	341-74101	341-75110

HEAD ASSEMBLY

HEAD ASSEMBLY

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	503372	Head Assembly	
1	090-130063	• Pin	1
2	135-096139	• Retaining Ring	2
3	091-318139	• Shim Option List	1
4	135-087617	• Spring	1
5	091-230193	• Adjuster Block	1
6	090-042599	• Roll Pin	1
7	091-992669	• Washer, 1/2 Std.	3
8	093-020709	• Band Tension Sub-Assembly.....	1
9	135-028108	• Thrust Bearing	1
10	093-030328	• Pointer Weldment Assembly	1
11	091-980086	• Screw, Hex. Hd. Cap 1/4-20NC x 3/4	2
12	091-991158	• Nut, Hex. 1/4-20NC	2
13	091-993212	• Washer, Lock 1/4 Std.	2
14	091-230490	• Bracket	1
15	091-230557	• Escutcheon	1
16	093-044568	• Post Guard Weldment	1
17	091-986984	• Screw, Fil. Hd. Cap #10-24NC x 1/2	2
18	091-982819	• Screw, Soc. Hd. Cap 3/8-16NCx 1 1/2	1
19	091-993329	• Washer, Lock 3/8 Std.	1
20	135-004455	• Dowel Pin	2
21	094-049715	• Post Elevating Assembly (See Detail)	1
22	091-982876	• Screw, Soc. Hd. Cap 3/8-16NC x 3.....	1
23	090-051509	• Washer, Lock Hi-Collar 3/8 Std.	1
24	091-218719	• Screw, Soc. Set (Self Locking)	4
25	105-011092	• Upper Wheel Tilting Locknut	1
26	105-015069	• Bearing Locknut	1
27	091-306761	• Tilting Screw Sub-Assembly	1
28	105-015077	• Bearing Lockwasher	1
29	093-023463	• Wheel Hinge Sub-Assembly (See Detail)	1
30	091-980698	• Screw, Hex. Hd. Cap 1/2-13NC x 2	2
31	091-991323	• Nut, Hex. Jam 1/2-13NC	2
32	094-025988	• Upper Saw Wheel Assembly (See Detail)	1
33	091-992628	• Washer, Flat 5/16 Std.	2
34	091-980276	• Screw, Hex. Hd. Cap 5/16-18NC x 3/4	4
35	091-993238	• Washer, Lock 5/16 Std.	4
36	090-397084	• Bracket	2
37	094-051539	• Head Slide Weldment Assembly	1
38	091-984567	• Screw, Soc. Set 3/8-16NC x 2 1/2	1
39	091-991273	• Nut, Hex. Jam 3/8-16NC	3
40	091-326702	• Wear Plate	1
41	091-245860	• Screw	1
42	091-391771	• Stop	1
43	091-988675	• Screw, Rd. Hd. Mach. #10-24NC x 3/8	2
44	093-044659	• Guard Slide	1
45	091-388157	• Thumb Nut	2

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 S.C.L. 2-25-87
 S.C.L. 10-22-92



SECTION A-A

MODEL	FIRST MACH	LAST MACH
2012-1A	340-75193	340-78421
2013-1	338-75124	338-78245
2013-10	339-75259	339-781036
2012-2A	389-77101	389-86419
2013-2	396-78101	396-86273
2012-1H	348-75101	348-78170

HEAD ASSEMBLY

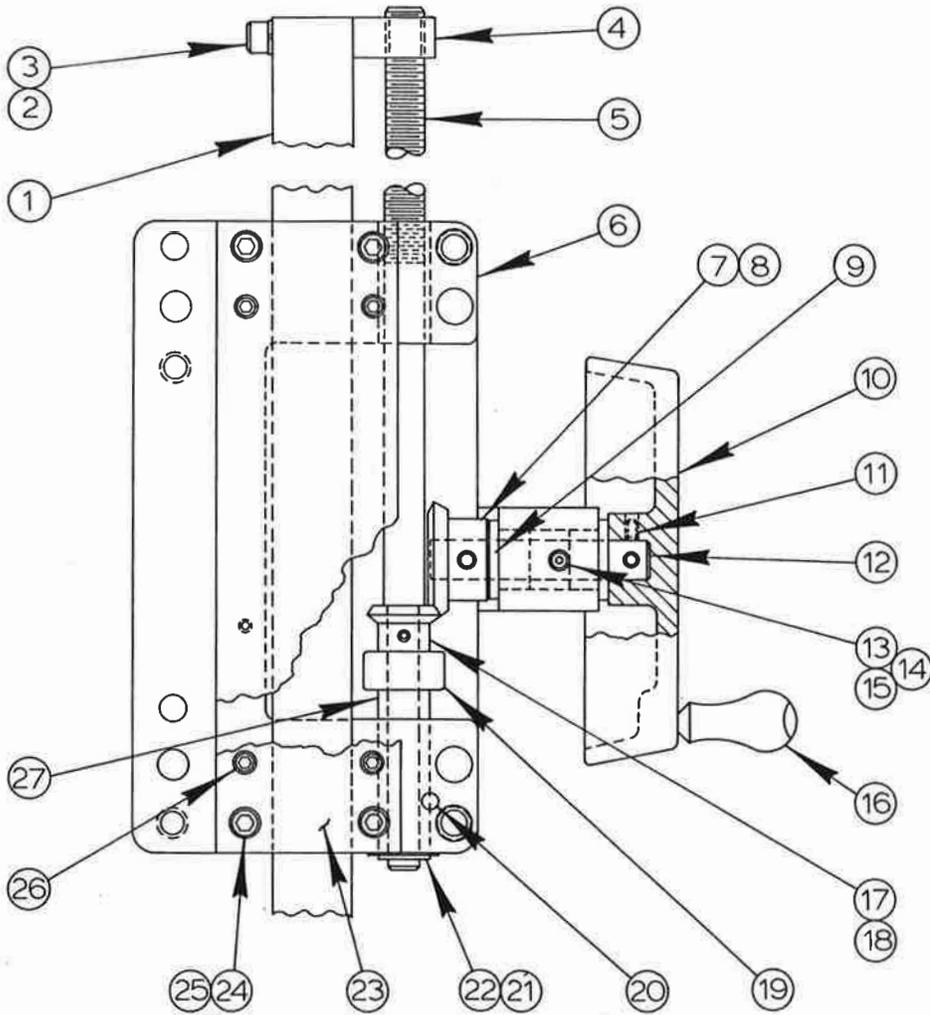
HEAD ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	095-046306	Head Assembly	
1	091-986133	. Screw, Soc. Set 5/16-18NC x 1 (Half Dog Pt.)	3
2	091-982645	. Screw, Soc. Hd. Cap 5/16-18NC x 2.....	3
3	091-993238	. Washer, Lock 5/16 Std.....	3
4	090-042656	. Roll Pin.....	2
6**	091-782284	. Screw, Soc. Set 1/4-20NC x 5/8 (Self-Locking, Half Dog Pt.)..	2
9	091-206276	. Pin.....	1
10	135-096139	. Retaining Ring.....	2
11	090-042318	. Roll Pin.....	1
12	094-025988	. Bandwheel Assembly (Upper) (Standard) (See Detail)	1
13	095-046215	. Head Casting.....	1
14	094-153699	. Head Slide Sub-Assembly.....	1
15	093-023463	. Wheel Hinge Assembly (Standard) (See Detail).....	1
16	105-015077	. Bearing Lockwasher.....	1
17	105-015069	. Bearing Locknut.....	1
18	093-192524	. Lock Handle.....	1
19	135-004455	. Dowel Pin.....	2
20	093-192516	. Tilting Screw Handle (w/Stud)	1
21	091-984591	. Screw, Soc. Set 3/8-24NF x 1.....	4
22	091-982876	. Screw, Soc. Hd. Cap 3/8-16NC x 3.....	2
23	090-051509	. Washer, Lock 3/8 Hi-Collar.....	2
24	091-656868	. Bumper (If Supplied).....	1
25	134-015031	. Wheel Tire Cement (If Supplied).....	A.R.
26	091-982819	. Screw, Soc. Hd. Cap 3/8-16NC x 1-1/2.....	2
27	091-993329	. Washer, Lock 3/8 Std.....	2
28	090-042235	. Roll Pin.....	1
29	091-991323	. Nut, Hex. Jam 1/2-13NC	2
30*	094-049715	. Post Elevating Assembly (Standard) (See Detail).....	1
31	091-650796	. Guard Stop Assembly	1
32	091-980003	. Screw, Hex. Hd. Cap #10-24NC x 3/8.....	1
33	091-992586	. Washer, Flat #10 S.A.E. Std.	1
34*	093-060572	. Saw Band Guard Assembly (Standard).....	1
35	091-986984	. Screw, Fill. Hd. Mach. #10-24NC x 1/2.....	2
36*	093-044659	. Guard Slide (Post) (Standard).....	1
37	091-333724	. Thumb Screw.....	2
40	091-391227	. Bracket.....	1
41	091-177378	. Escutcheon (Band Tension) (Inch/English).....	1
	091-314245	. Escutcheon (Band Tension) (Metric/International).....	1
42	091-994657	. Screw, Rd. Hd. Self-Tap #10-24NC x 3/8.....	2
43	091-993204	. Washer, Lock #10 Std.....	2
44	091-440628	. Angle.....	1
45	091-422501	. Band Tension Pointer.....	1
46	091-991232	. Nut, Hex. Jam 5/16-18NC	2
47	091-630806	. Retaining Compound (Loctite #271)	A.R.
48	093-044956	. Band Tension Screw Assembly.....	1
	105-161020	. Handwheel.....	1
	091-391235	. Screw.....	1
	090-042573	. Roll Pin.....	1
49	135-087617	. Spring.....	1
50	135-028108	. Thrust Bearing.....	1
51	090-042599	. Roll Pin.....	1
52	091-992669	. Washer, Flat 1/2 S.A.E. Std.	1

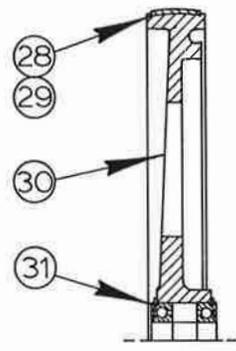
*NOTE: Also See Extra Work Height Assembly If Applicable.

**NOTE: Before Serial #377-921415 on 2013-20 and all other models listed, Item #6
 091-333104 Shim (.035), 091-373112 Shim (.0149), 091-333120 Shim(.005),
 091-333138 Shim (.003).

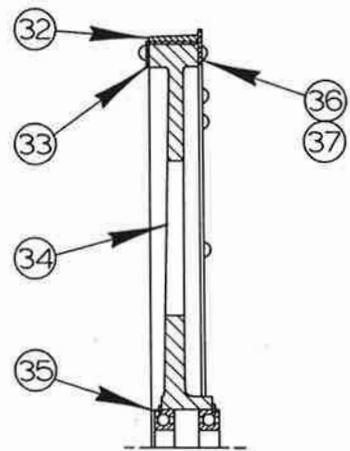
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POST ELEVATING SUB-ASSEMBLY

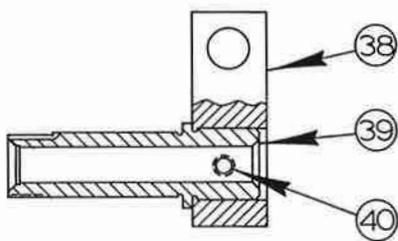


CROWNED



FLANGED

UPPER SAW WHEEL ASSEMBLY



WHEEL HINGE SUB-ASSEMBLY

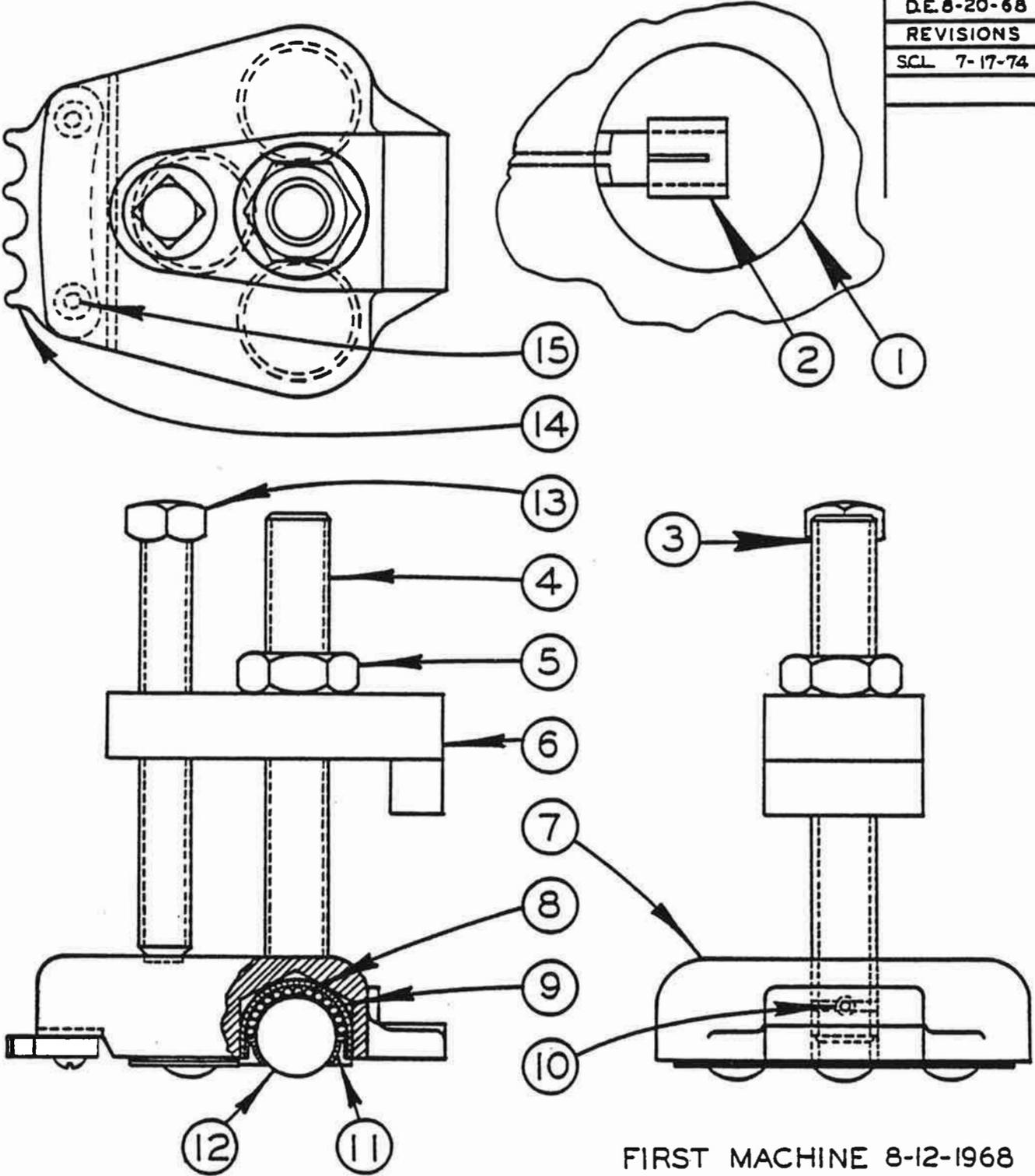
<u>MODEL</u>	<u>FIRST MACH.</u>	<u>LAST MACH.</u>
2013-1	338-74101	338-78245
2013-10	339-74101	339-781036
2012-1A	340-74101	340-78421
2012-1AT	341-74101	341-77116
2012-1H	348-75101	348-78170
2012-1H3	354-76101	354-78156

HEAD SUB-ASSEMBLIES

HEAD SUB-ASSEMBLIES

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y.
REF.	094-049715	Post Elevating Sub-Assembly (2013-1, 2013-10, 2012-1A, 2012-1H, 2012-1H3)	
REF.	094-060480	Post Elevating Sub-Assembly (2012-1AT)	
1	093-030294	. Post (Assembly # 094-049715)	1
	093-026805	. Post (Assembly # 094-060480)	1
2	091-982454	. Screw, Soc. Hd. Cap 1/4 - 20 NC x 1-1/2	2
3	091-993741	. Washer, Lock 1/4 Shakeproof Ext. (Assembly #094-049715)	2
	091-993212	. Washer, Lock 1/4 Std. (Assembly # 094-060480)	2
4	091-326660	. Nut	1
5	091-326678	. Shaft	1
6	094-049707	. Housing	1
7	091-255679	. Bevel Gear	1
8	090-042599	. Roll Pin	2
9	091-209221	. Bearing (Assembly #094-049715)	2
	091-331140	. Bushing (Assembly #094-060480)	1
10	090-386434	. Handwheel	1
11	091-984104	. Screw, Soc. Set # 10 - 24 NC x 1/4	1
12	091-239012	. Pin	1
13	091-984229	. Screw, Soc. Set 1/4 - 20 NC x 1/4 (Assembly #094-049715)	1
14	091-407650	. Friction Plug (Assembly # 094-049715)	1
15	090-039710	. Spring (Assembly # 094-049715)	1
16	091-046904	. Handle	1
17	091-255661	. Bevel Gear	1
18	090-042409	. Roll Pin	1
19	090-160631	. Thrust Bearing	1
20	090-042631	. Roll Pin	1
21	091-307512	. Grip Ring (Assembly #094-049715)	1
	090-032764	. Retaining Ring (Assembly #094-060480)	1
22	105-133094	. Pulley Spacer (Assembly #094-049715)	A.R.
	106-043128	. Spacer (Assembly #094-060480)	2
23	093-030302	. Cover	1
24	091-982421	. Screw, Soc. Hd. Cap 1/4 - 20 NC x 1	4
25	091-993741	. Washer, Lock 1/4 Shakeproof Ext. (Assembly #094-060480)	4
26	091-985762	. Screw, Soc. Set 5/16 - 18 NC x 3/4 (Flat Pt.)	4
27	091-331132	. Tubing	1
REF.	094-025988	UPPER SAW WHEEL ASSEMBLY (CROWNED)	
28	091-253575	. Tire	1
29	134-015031	. Wheel Tire Cement	A.R.
30	094-025970	. Upper Saw Wheel	1
31	105-015085	. Wheel Bearing	2
REF.	094-065588	UPPER SAW WHEEL ASSEMBLY (FLANGED)	
32	093-050300	. Tire and Rim Assembly	1
33	090-046756	. Retainer	2
34	094-064581	. Upper Saw Wheel (Standard)	1
	094-067212	. Upper Saw Wheel (3/4" Metal Faced) (2012-2H, 2012-2H3 Only)	1
	094-067196	. Upper Saw Wheel (1" Metal Faced) (2012-2H, 2012-2H3 Only)	1
35	105-015085	. Wheel Bearing	2
36	093-047322	. Flange Segment	6
37	091-988675	. Screw, Rd. Hd. Mach. #10 - 24 NC x 3/8	22
REF.	093-023463	WHEEL HINGE SUB-ASSEMBLY	
38	091-206243	. Block	1
39	105-014245	. Axis Stud	1
40	091-984237	. Screw, Soc. Set 1/4 - 20 NC x 5/16	1

NEW DRG.
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FIRST MACHINE 8-12-1968

HEAVY
PARALLEL WORK CLAMP

C-10-38 CM-10-31 Z-10-17

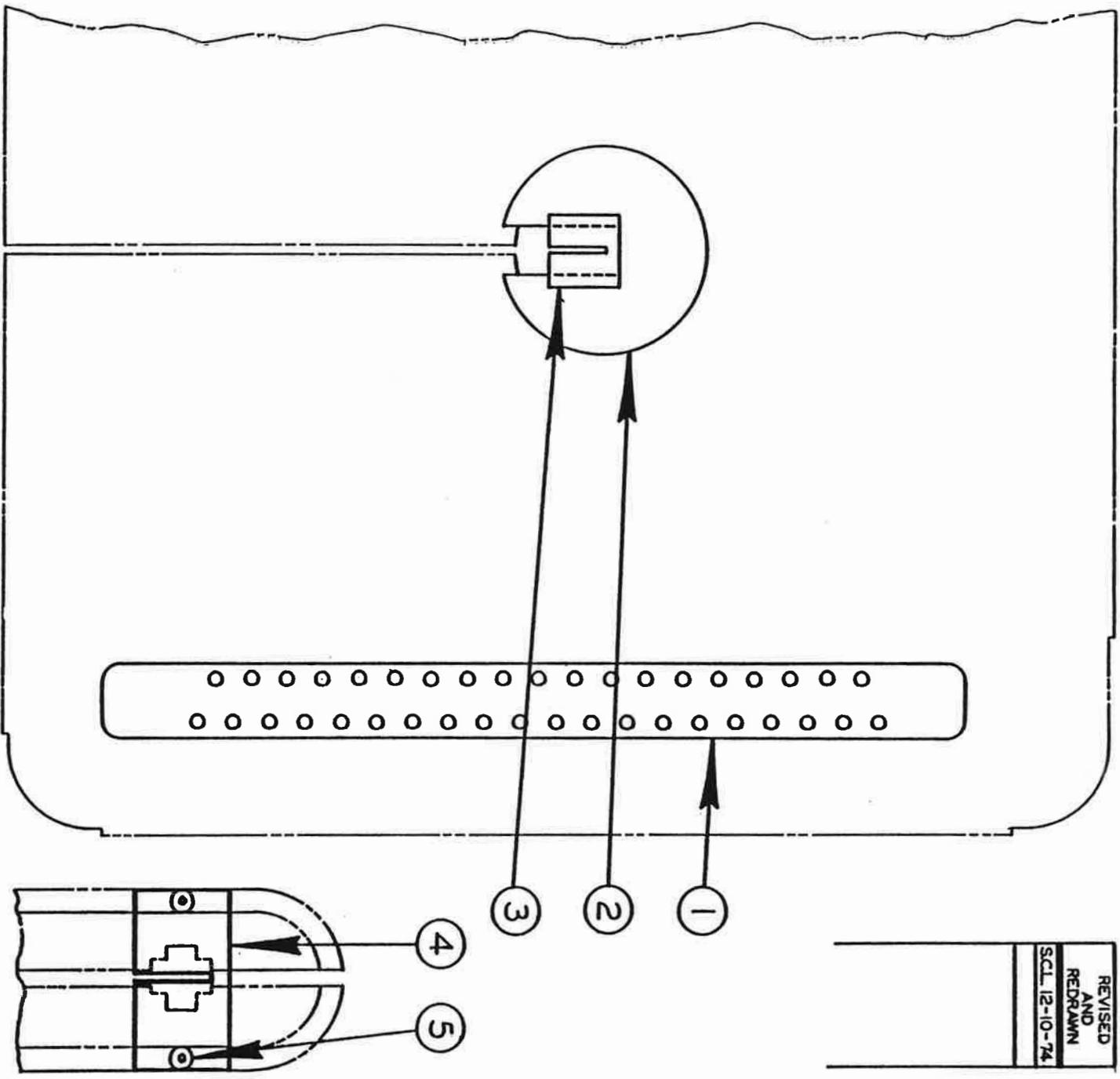
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CM-10-31
Z-10-17

HEAVY
 PARALLEL WORK CLAMP ASSEMBLY

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
REF.	090-450099	Parallel Work Clamp Assembly	
1	090-279506	. Center Plate	1
2	106-244130	. Center Support	1
3	090-376294	. Parallel Work Clamp Sub-Assembly	4
4	106-244155	. . Clamp Stud	1
5	091-991356	. . Nut, Hex. 5/8-11NC	1
6	106-243074	. . Parallel Arm	1
7	090-376286	. . Clamp Body	1
8	106-245053	. . Steel Ball	195
9	106-243062	. . Ball Cup	3
10	091-984112	. . Screw, Soc. Set #10-24NC x 3/8	1
11	135-037976	. . Ball Retainer Ring	3
12	106-245046	. . Steel Ball	3
13	106-245087	. . Set Screw	1
14	105-133136	. . Work Holding Jaw Sprocket	1
15	091-986893	. . Screw, Rd. Hd. Mach. #10-24NC x 1/2	4

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HEAVY WORK SLIDES

C-10-23 CM-10-33 Z-10-12
D-7

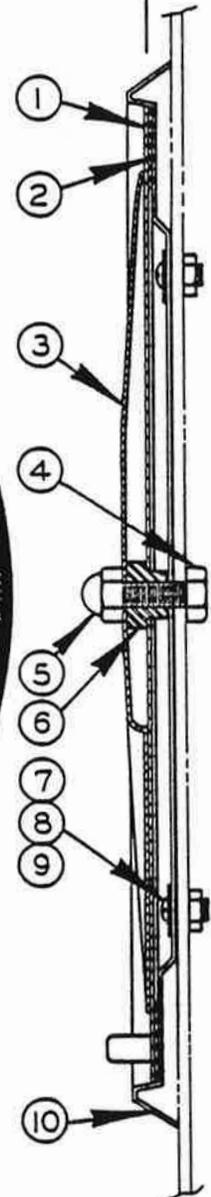
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CM-10-33
Z-10-12

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

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S.W. 12-18-74



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.
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

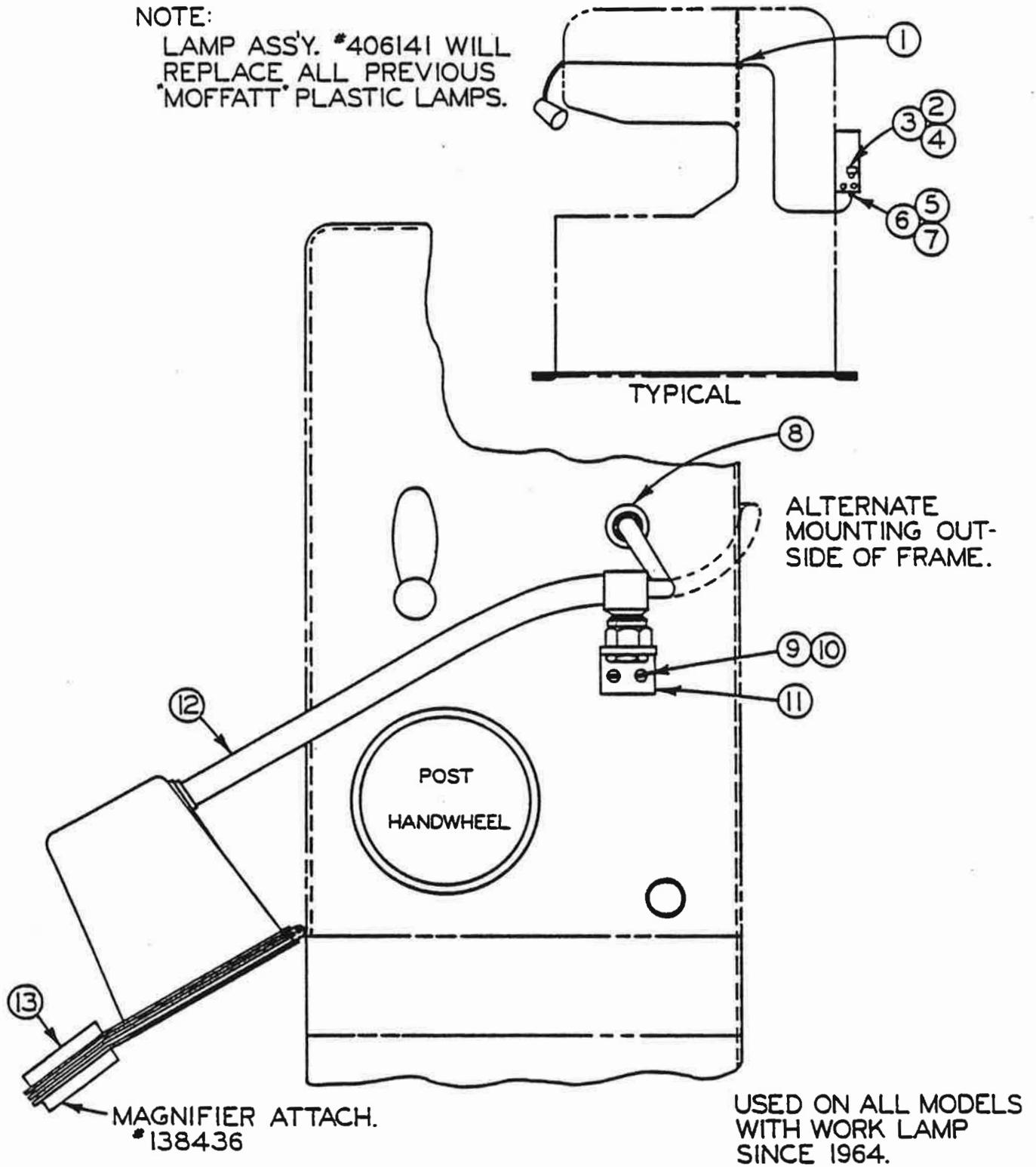
O.S.H.A. REQUIREMENT:

WIRE WORK LAMP DIRECT TO CONTROL BOX. MOUNT LAMP SWITCH ON SIDE OF CONTROL BOX OR THE CONTROL PANEL.

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5-23-75 W.S.

NOTE:

LAMP ASS'Y. #406141 WILL REPLACE ALL PREVIOUS 'MOFFATT' PLASTIC LAMPS.



LAMP & MAGNIFIER ASSEMBLIES

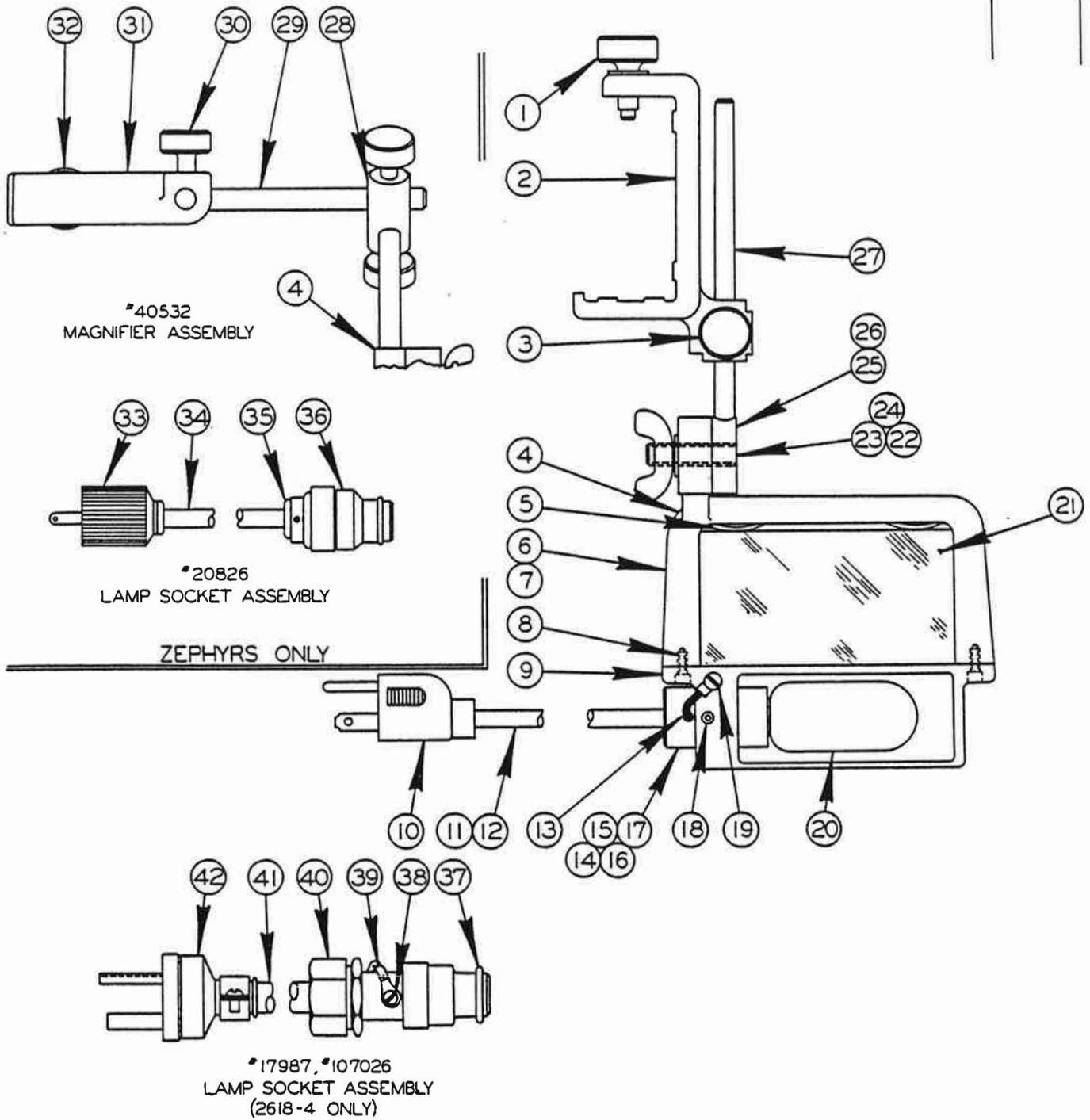
C-8-8 CM-8-31 PS-8-103 TF-4-100 F9-6.1 Z-7-61

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CODE NO. TF-4-100
F9-6.1
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LAMP & MAGNIFIER

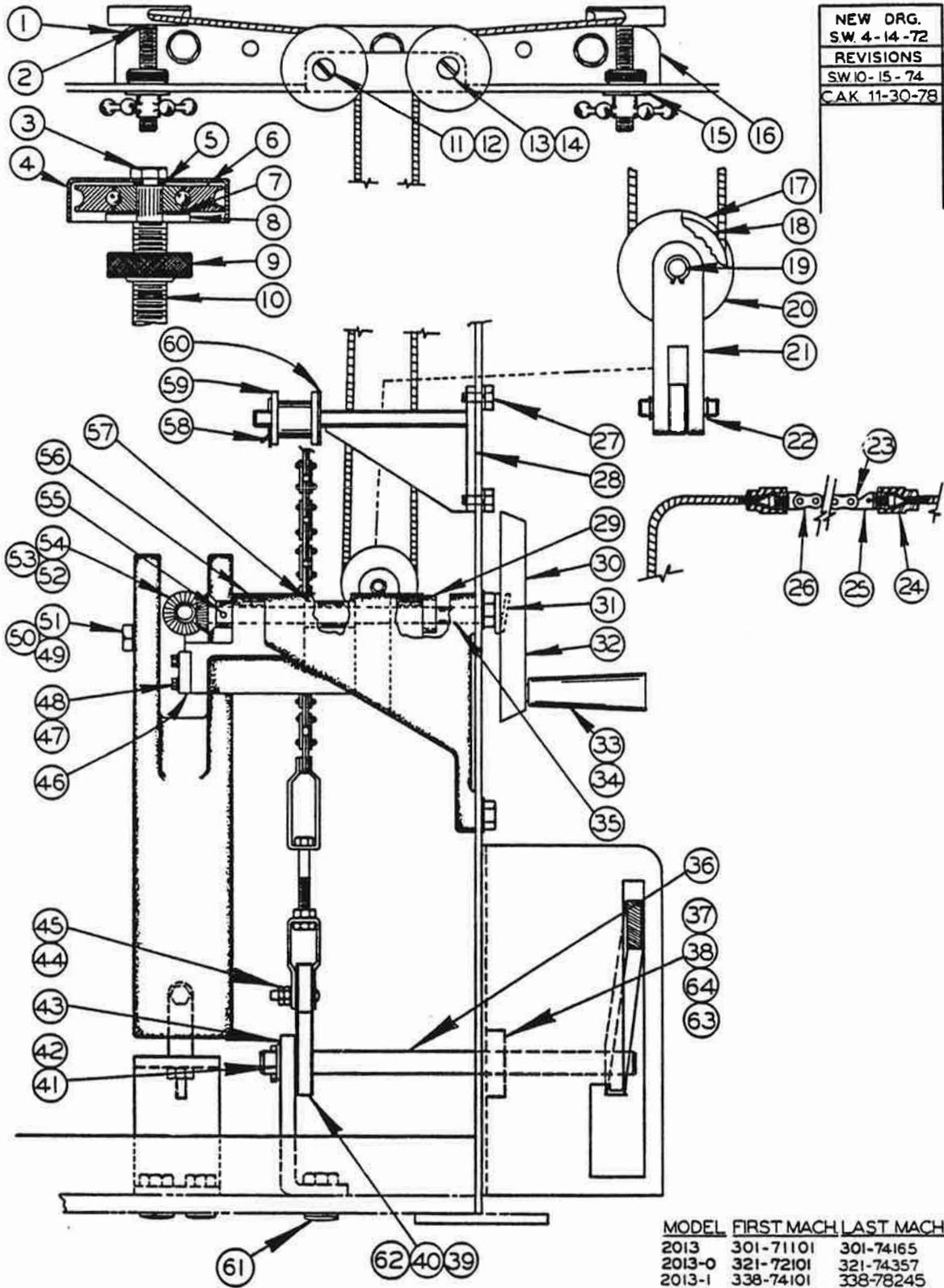
INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	094-061413	Lamp Assembly	
1	090-157454	. Bushing	1
2	090-152455	. Selector Switch, 2-Position	1
3	091-048207	. Contact Block	1
4	091-333591	. Legend Plate	1
5	090-145459	. Cord Grip Connector	1
6	090-144114	. Washer	1
7	090-145053	. "O"-Ring	1
8	090-151390	. Cord Grip	1
9	091-988659	. Screw, Rd. Hd. Mach. #10-24NC x 1/4"	2
10	091-993196	. Washer, Lock #10 Std.	2
11	091-025049	. Bracket	1
12	091-384529	. Lamp Sub-Assembly, 19" Flexible Cable, 11'-1/2" Connecting Cord	1
13	091-384362	. Magnifier Attachment, Mounts to Lampshade on Lamp Part #091-384529.....	1



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

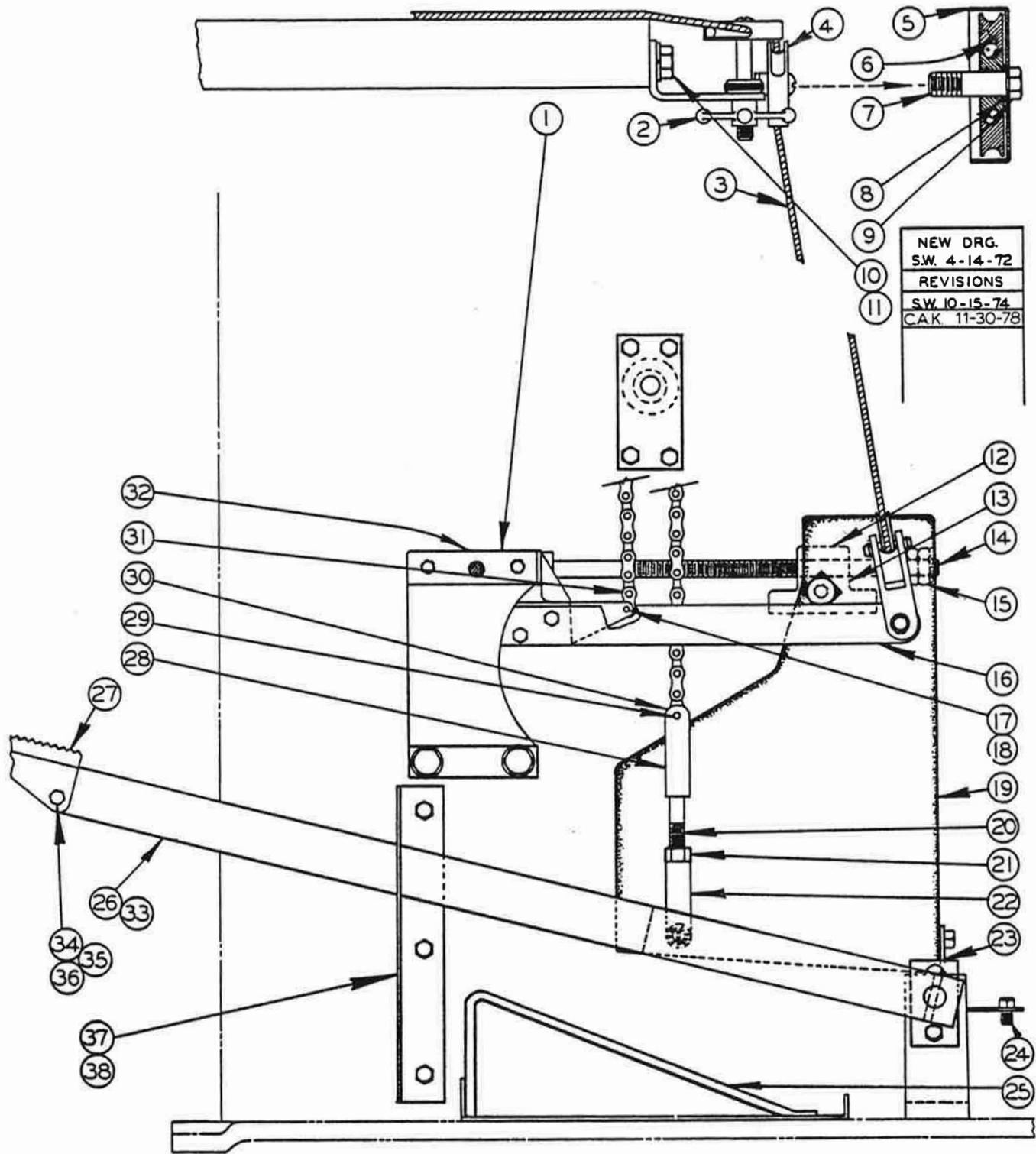


WEIGHT FEED ASS'Y

WEIGHT FEED ASSEMBLY

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	501747	Weight Feed Assembly	
1	135-053221	. Bracket and Cable Assembly	1
2	135-063956	. . Horizontal Pulley Assembly	2
3	091-980052	. . . Screw, Hex. Hd. Mach. 1/4-20NC x 3/8	1
4	134-133016	. . . Cap	1
5	091-993741	. . . Washer #1214 Shakeproof	1
6	134-135045	. . . Pulley	1
7	105-133094	. . . Spacer	1
8	134-054147	. . . Washer	1
9	134-134188	. . . Thumbnut	1
10	135-063980	. . . Pulley Screw	1
11	134-054147	. . . Washer	2
12	105-133094	. . . Spacer	2
13	091-993329	. . . Washer, Lock 3/8" Std.	2
14	091-991273	. . . Nut, Hex. Jam 3/8-16NC	2
15	091-992669	. . . Washer, 1/2" Plain	2
16	135-063972	. . . Cable Carrier	1
17	135-074979	. . . Equalizer Pulley Assembly	1
18	134-135045	. . . Pulley	1
19	090-032756	. . . Pulley Axis	2
20	134-133115	. . . Cap	1
21	090-032749	. . . Clevis	1
22	090-032764	. . . Retaining Ring	4
23	135-050110	. . . Power Feed Chain Sub-Assembly	1
24	105-134175	. . . Housing	2
25	105-134183	. . . Hook	1
26	106-135015	. . . Feed Chain	1
27	091-980268	. . . Screw, Hex. Hd. Mach. 5/16-18NC x 5/8	8
28	091-280545	. . . Pivot Bracket Weldment	1
29	134-054105	. . . Collar	2
*30	090-275272	. . . Handwheel Assembly	1
*31	090-042599	. . . Roll Pin	1
*32	090-425489	. . . Handwheel	1
*33	091-181164	. . . Handle	1
*34	091-181172	. . . Pin	1
*35	090-167958	. . . Shaft	1
36	091-306563	. . . Shaft	1
37	091-306670	. . . Bearing Block	1
38	091-980318	. . . Screw, Hex. Hd. Cap 5/16-18NC x 1 1/2	2
39	091-306571	. . . Release Arm	1
40	105-046023	. . . Woodruff Key	2
41	091-995183	. . . Cotter Pin 1/8 Dia. x 1 1/2	2
42	091-992685	. . . Washer 3/4" Std.	1
43	093-023299	. . . Bracket Weldment	1
44	091-990325	. . . Screw, Oval Hd. Mach. 3/8-16NC x 1 1/4	4
45	091-991273	. . . Nut, Jam 3/8-16NC Std.	2
*46	090-168717	. . . Weight Beam	1
*47	091-980458	. . . Screw, Hex. Hd. Cap 3/8-16NC x 7/8	6
*48	091-993329	. . . Washer, Lock 3/8" Std.	6
49	091-980748	. . . Screw, Hex. Hd. Mach. 1/2-13NC x 3 1/2	1
50	091-991315	. . . Nut, Hex. 1/2-13NC	1
51	091-993279	. . . Washer, Lock 1/2" Std.	1
*52	090-099714	. . . Miter Gear	2
*53	091-984104	. . . Screw, Soc. Set #10-24NC x 1/4	2
*54	091-984229	. . . Screw, Soc. Set 1/4-20NC x 1/4	2
*55	090-042599	. . . Roll Pin	2
*56	090-540998	. . . Power Feed Hinge	1
*57	090-168725	. . . Hinge Bushing	1
58	091-995183	. . . Cotter Pin 1/8 Dia. x 1 1/2	2
59	091-306555	. . . Chain Roller	1
60	091-993048	. . . Washer, Wrought 1/2" Std.	2
61	091-980466	. . . Screw, Hex. Hd. Cap 3/8-16NC x 1	6
62	091-984252	. . . Screw, Soc. Set 1/4-20NC x 1/2	1
63	091-991224	. . . Nut, Hex. 5/16-18NC	6
64	091-993238	. . . Washer, Lock 5/16" Std.	10

*NOTE: Starred items are part of Hinge Assembly #090-447962.



NEW DRG.
S.W. 4-14-72
REVISIONS
S.W. 10-15-74
CAK 11-30-78

WEIGHT FEED ASS'Y

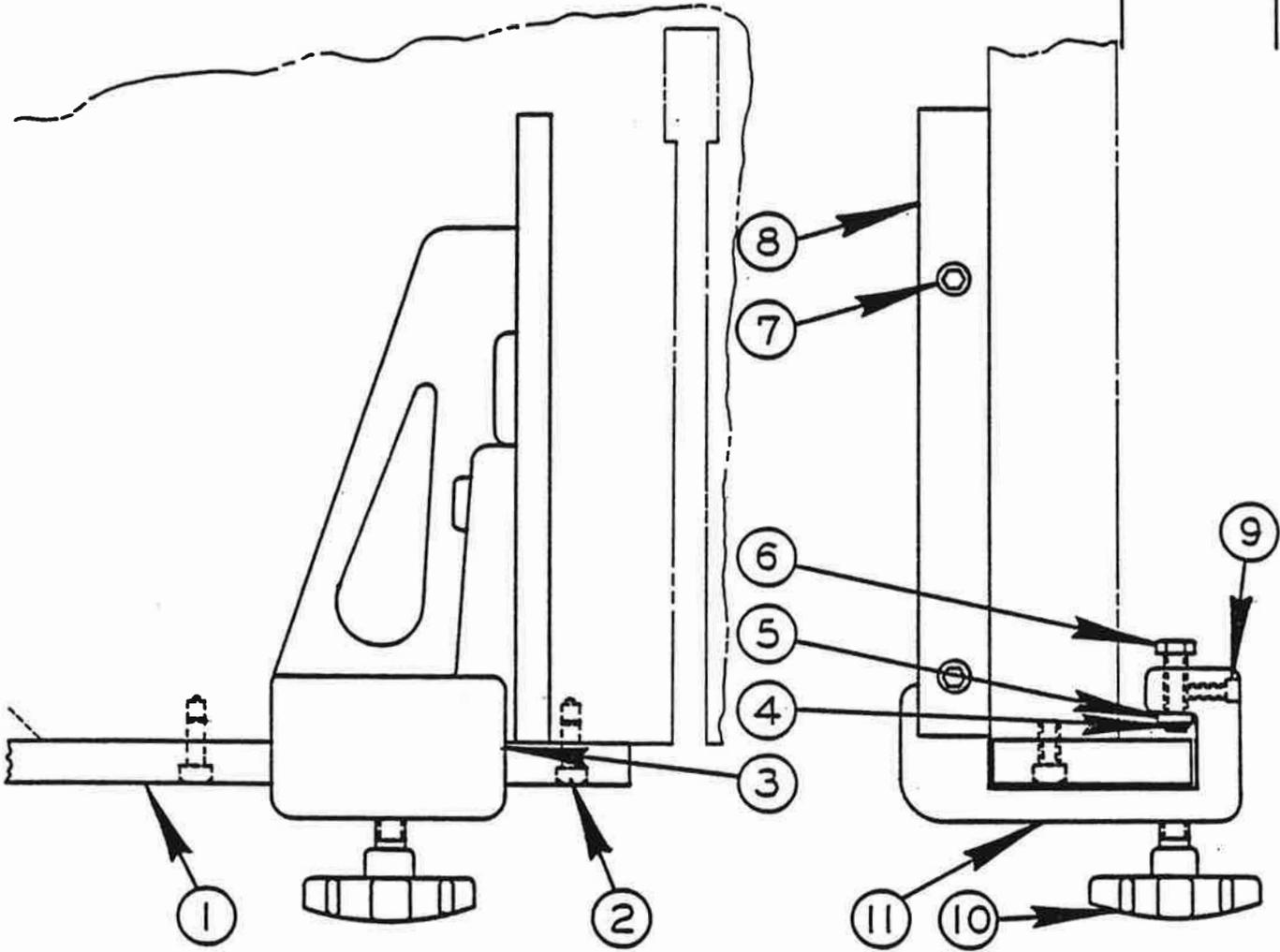
MODEL	FIRST MACH.	LAST MACH.
2013	301-7101	301-74165
2013-0	321-72101	321-74357
2013-1	338-74101	338-78245
2013-10	339-74101	339-781036

Weight Feed Assembly

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	501747	Weight Feed Assembly	
1	090-447962	. Hinge Assembly	1
*2	134-131069	. . Handwheel	2
*3	105-135099	. . Power Feed Cord	1
*4	135-063964	. . Vertical Pulley Sub-Assembly	2
*5	134-133016	. . . Cap	1
*6	134-135045	. . . Pulley	1
*7	135-063998	. . . Stud	1
*8	091-993741	. . . Washer, #1214 Shakeproof	1
*9	091-980052	. . . Screw, Hex. Hd. Mach. 1/4-20NC x 3/8	1
10	091-980441	. Screw, Hex. Hd. Cap 3/8-16NC x 3/4	7
11	091-993329	. Washer, Lock 3/8Std.	13
12	090-213448	. . Weight Bracket Screw Assembly	1
13	105-131056	. . . Weight Bracket	1
14	105-134019	. . . Weight Adjusting Screw	1
15	105-134100	. Nut	2
16	090-167966	. . Cable Beam	1
17	105-134118	. Pin	1
18	090-046178	. Retaining Ring	2
19	105-131122	. Weight	1
20	091-980466	. Screw, Hex. Hd. Mach. 3/8-16NC x 1	1
21	091-991265	. Nut, Hex. 3/8-16NC	6
22	105-133169	. Chain Anchor	1
23	105-133086	. Weight Bracket	1
24	091-980425	. Screw, Hex. Hd. Cap 3/8-16NC x 1/2	2
25	094-010352	. Weight and Safety Bracket	1
26	093-028520	. Release Lever	1
27	105-131130	. Foot Pedal	1
28	135-050128	. Chain Assembly	1
29	091-995472	. . Rd. Hd. Rivet 3/16" Dia. x 5/8	1
30	105-133144	. . Chain Anchor	1
31	105-135107	. . Chain	1
32	090-275256	. . Hinge Bracket	1
33	090-087867	. Dowel Pin	1
34	091-980128	. Screw, Hex. Hd. Cap 1/4-20NC x 1 1/2	1
35	091-991158	. Nut, Hex. 1/4-20NC	1
36	091-993212	. Washer, Lock 1/4" Std.	1
37	093-013423	. Catch Bracket	1
38	091-980268	. Screw, Hex. Hd. Cap 5/16-18NC x 5/8	8

*NOTE: Single Starred items 2 through 9 are part of Bracket and Cable Assembly #135-053221.
 **NOTE: Double Starred items are part of Hinge Assembly #090-447962.

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AND
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S.C.L. 11-25-74

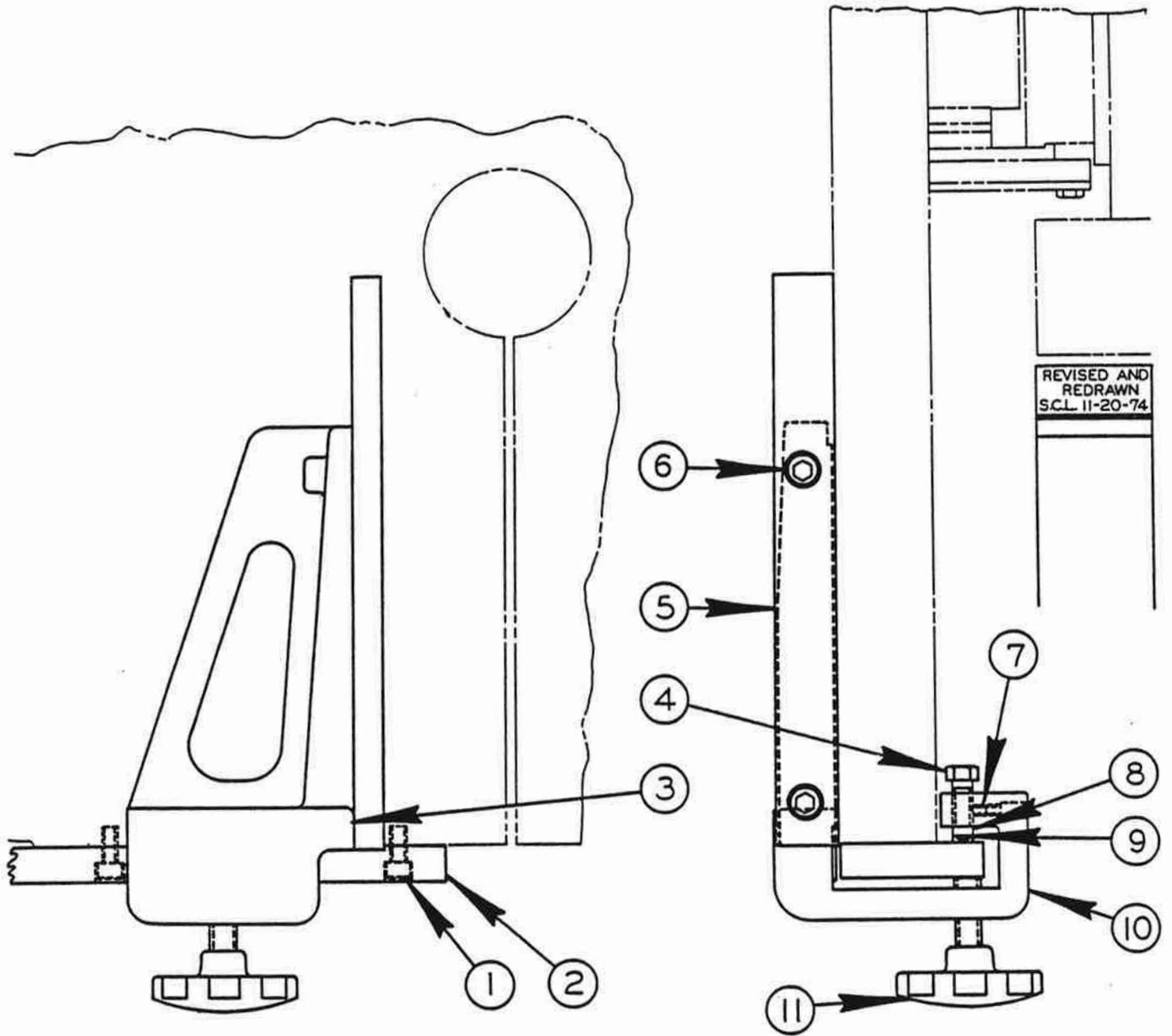


RIP FENCE ASSEMBLY

CODE NO. C-10-6
Z-9-5

RIP FENCE ASSEMBLY

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	090-477795	Rip Fence Assembly (26" Table)	
Ref.	135-005429	Rip Fence Assembly (30" Table)	
Ref.	135-005437	Rip Fence Assembly (24" Table)	
1	105-163026	. Clamp Guide (090-477795 & 135-005437)	1
	111-163028	. Clamp Guide (135-005429)	1
2	091-982785	. Screw, Soc. Hd. Cap 3/8-16NC x 3/4	2
3	135-051787	. Rip Fence Sub-Assembly (090-477795 & 135-005429) .	1
	135-052512	. Rip Fence Sub-Assembly (135-005437)	1
4	134-065044	. . Spring Clip	2
5	105-163034	. . Clamp Bar	1
6	105-164032	. . Clamp Bar Screw	2
7	091-982785	. . Screw, Soc. Hd. Cap 3/8-16NC x 3/4	2
8	135-005460	. . Work Guide (135-051787)	1
	135-005486	. . Work Guide (135-052512)	1
9	091-984252	. . Screw, Soc. Set 1/4-20NC x 1/2	2
10	105-160048	. . Handwheel Assembly	1
11	135-005445	. . Clamp (135-051787)	1
	135-005452	. . Clamp (135-052512)	1

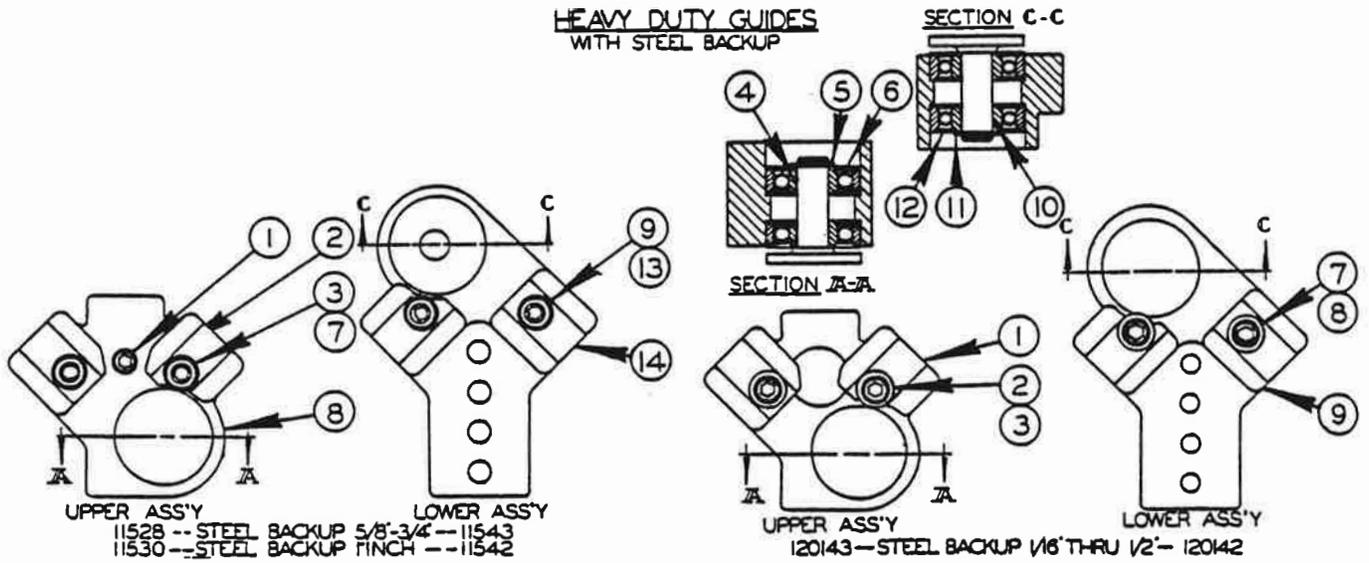


RIP FENCE ASSEMBLY

RIP FENCE ASSEMBLY

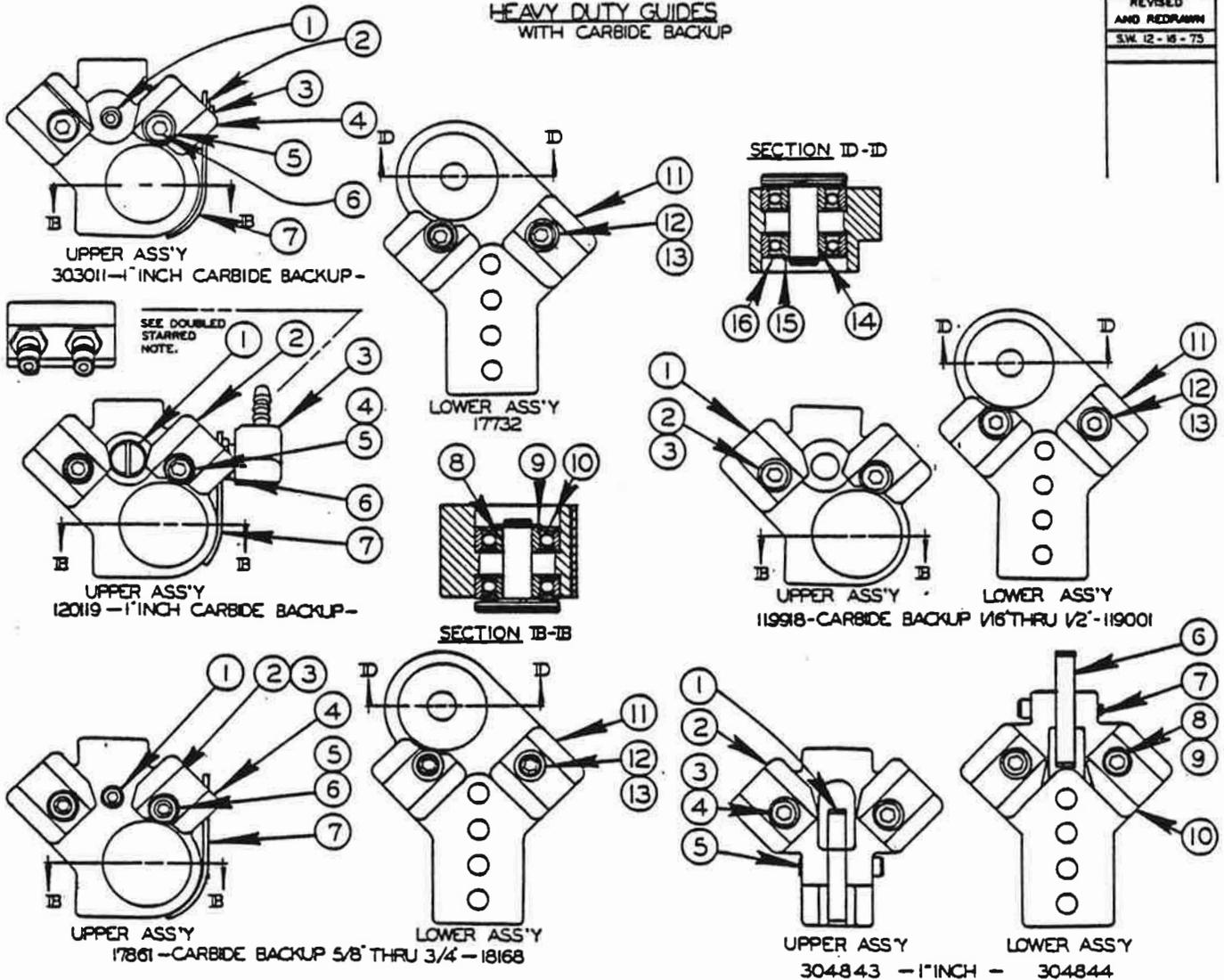
INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	090-468976	Rip Fence Assembly	
1	091-982785	. Screw, Soc. Hd. Cap 3/8-16NC x 3/4	2
2	090-314493	. Clamp Guide	1
3	090-314501	. Rip Fence Sub-Assembly	1
4	105-164032	. . Clamp Bar Screw	2
5	135-005486	. . Work Guide	1
6	091-982785	. . Screw, Soc. Hd. Cap 3/8-16NC x 3/4	2
7	091-984252	. . Screw, Soc. Hd. Set 1/4-20NC x 1/2	2
8	105-163034	. . Clamp Bar	1
9	134-065044	. . Spring Clip	2
10	090-468968	. . Rip Fence Clamp	1
11	105-160048	. . Handwheel Sub-Assembly	1

**HEAVY DUTY GUIDES
WITH STEEL BACKUP**



**HEAVY DUTY GUIDES
WITH CARBIDE BACKUP**

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S.W. 12-15-73



SAW GUIDE SELECTION
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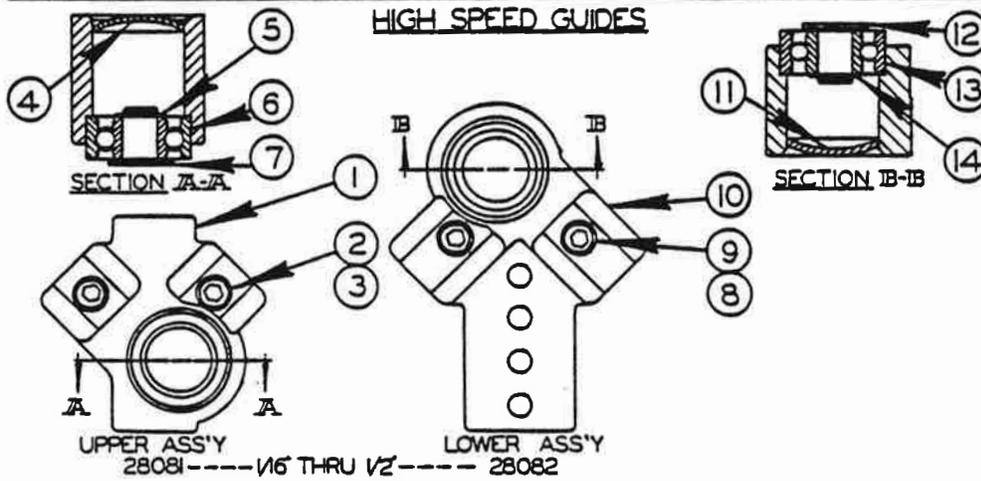
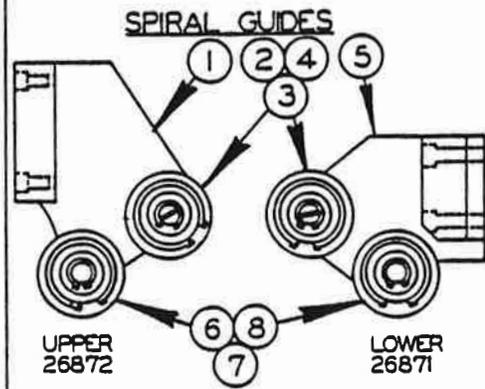
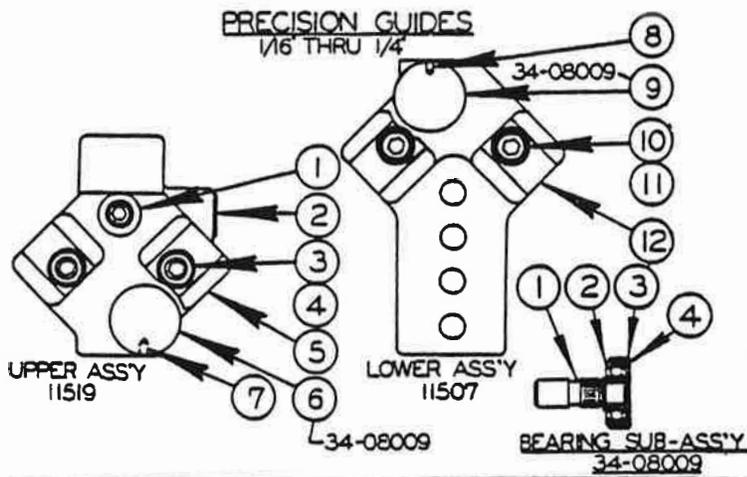
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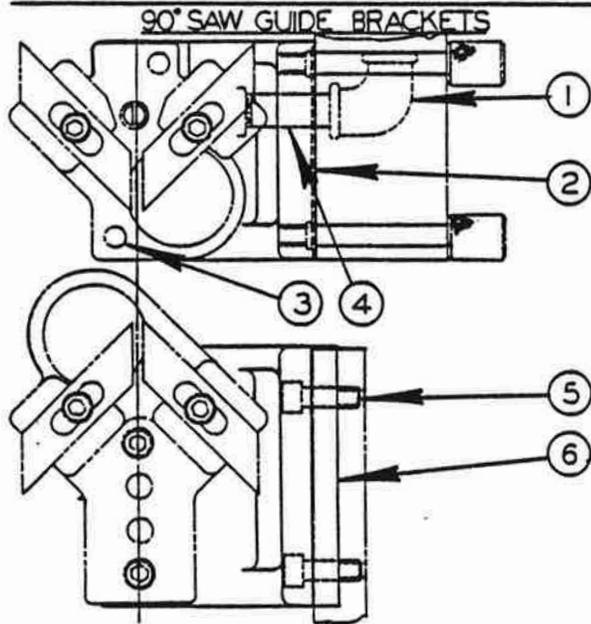
SAW GUIDE SELECTION

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y.	INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y.
HEAVY DUTY GUIDES (STEEL BACKUP)							
Ref.	091-201434	Upper Saw Guide Ass'y. (1/16" to 1/2")		15	090-115411	. Retaining Ring	1
1	090-380767	. Upper Saw Guide Block	1	16	090-115296	. Bearing	2
2	091-982447	. Screw, Soc. Hd. Cap 1/4-20NC x 1-1/4	2	Ref.	090-178617	Upper Saw Guide Ass'y. (5/8" to 3/4")	
3	134-085026	. Washer	2	1	091-984450	. Screw, Soc. Hd. Set 5/16-24NF x 1/2	1
4	090-115403	. Bearing Cap	1	2	091-332023	. Pipe Plug	1
5	090-115411	. Retaining Ring	1	3	091-354415	. Locknut	1
6	090-115296	. Bearing	2	4	090-252529	. Upper Saw Guide Block	1
Ref.	091-201426	Lower Saw Guide Ass'y. (1/16" to 1/2")		5	091-982421	. Screw, Soc. Hd. Cap 1/4-20NC x 1	2
7	091-982447	. Screw, Soc. Hd. Cap 1/4-20NC x 1-1/4	2	6	134-085026	. Washer	2
8	134-085026	. Washer	2	7	090-183377	. Guide Guard	1
9	090-377383	. Lower Saw Guide Block	1	8	090-172180	. Bearing Cap	1
10	090-115403	. Bearing Cap	1	9	090-115411	. Retaining Ring	1
11	090-115411	. Retaining Ring	1	10	090-115296	. Bearing	2
12	090-115296	. Bearing	2	Ref.	090-181686	Lower Saw Guide Ass'y. (5/8" to 3/4")	
Ref.	090-115288	Upper Saw Guide Ass'y. (5/8" to 3/4")		11	090-252586	. Lower Saw Guide Block	1
Ref.	090-115304	Upper Saw Guide Ass'y. (1")		12	091-982421	. Screw, Soc. Hd. Cap 1/4-20NC x 1	2
1	091-984450	. Screw, Soc. Hd. Set 5/16-24NF x 1/2	1	13	134-085026	. Washer	2
2	091-203695	. Soc. Hd. Pipe Plug	1	14	090-172180	. Bearing Cap	1
3	091-982421	. Screw, Soc. Hd. Cap 1/4-20NC x 1 (5/8" to 3/4")	2	15	090-115411	. Retaining Ring	1
	091-982447	. Screw, Soc. Hd. Cap 1/4-20NC x 1-1/4 (1")	2	16	090-115296	. Bearing	2
4	090-115403	. Bearing Cap	1	Ref.	093-030112	Upper Saw Guide Ass'y. (1")	
5	090-115411	. Retaining Ring	1	1	091-984450	. Screw, Soc. Set 5/16-24NF x 1/2"	1
6	090-115296	. Bearing	2	2	091-354415	. Locknut	1
7	134-085026	. Washer	2	3	091-332023	. Pipe Plug	1
8	090-252529	. Upper Saw Guide Block (5/8" to 3/4")	USE	4	090-252537	. Upper Saw Guide Block	1
	090-252537	. Upper Saw Guide Block (1")	ONE	5	134-085026	. Washer	2
Ref.	090-115437	Lower Saw Guide Ass'y. (5/8" to 3/4")		6	091-982421	. Screw, Soc. Hd. Cap 1/4-20NC x 1	2
Ref.	090-115429	Lower Saw Guide Ass'y. (1")		7	090-183377	. Guide Guard	1
9	091-982421	. Screw, Soc. Hd. Cap 1/4-20NC x 1 (5/8" to 3/4")	2	8	090-172180	. Bearing Cap	1
	091-982447	. Screw, Soc. Hd. Cap 1/4-20NC x 1-1/4 (1")	2	9	090-115411	. Retaining Ring	1
10	090-115403	. Bearing Cap	1	10	090-115296	. Bearing	2
11	090-115411	. Retaining Ring	1	Ref.	091-201194	Upper Saw Guide Ass'y. (1")	
12	090-115296	. Bearing	2	1	090-335092	. Coolant Nozzle	1
13	134-085026	. Washer	2	2	090-336314	. Upper Saw Guide Block	1
14	090-252586	. Lower Saw Guide Block (5/8" to 3/4")	USE	3	091-081166	. 90° Barbed Insert	1
	090-252578	. Lower Saw Guide Block (1")	ONE	4	091-982447	. Screw, Soc. Hd. Cap 1/4-20NC x 1-1/4	2
HEAVY DUTY GUIDES (CARBIDE BACKUP)							
Ref.	091-199182	Upper Saw Guide Ass'y. (1/16" to 1/2")		5	134-085026	. Washer	2
1	090-380767	. Upper Saw Guide Block	1	6	091-354415	. Locknut	1
2	091-982389	. Screw, Soc. Hd. Cap 1/4-20NC x 5/8	2	7	090-183377	. Guide Guard	1
3	134-085026	. Washer	2	8	090-172180	. Bearing Cap	1
8	090-172180	. Bearing Cap	1	9	090-115411	. Retaining Ring	1
9	090-115411	. Retaining Ring	1	10	090-115296	. Bearing	2
10	090-115296	. Bearing	2	Ref.	090-177320	Lower Saw Guide Block (1")	
Ref.	091-190017	Lower Saw Guide Ass'y. (1/16" to 1/2")		11	090-252578	. Lower Saw Guide Block	1
11	090-377383	. Lower Saw Guide Block	1	12	091-982447	. Screw, Soc. Hd. Cap 1/4-20NC x 1-1/4	2
12	091-982389	. Screw, Soc. Hd. Cap 1/4-20NC x 5/8	2	13	134-085026	. Washer	2
	134-085026	. Washer	2	14	090-172180	. Bearing Cap	1
13	134-085026	. Washer	2	15	090-115411	. Retaining Ring	1
14	090-172180	. Bearing Cap	1	16	090-115296	. Bearing	2
				Ref.	093-048437	. 1 Inch Upper Saw Guide Block Sub-Assembly	
				1	091-212100	. Back-Up Insert	1
				2	094-064300	. Upper Saw Guide Block	1
				3	091-982447	. Scr. Soc. Hd. Cap 1/4-20NC x 1-1/4	2
				4	134-085026	. Washer	2
				5	091-402040	. Pivot Bolt	1
				Ref.	093-048445	. 1 Inch Lower Saw Guide Block Sub-Assembly	
				6	091-212100	. Back-Up Insert	1
				7	091-402040	. Pivot Bolt	1
				8	091-982447	. Scr. Soc. Hd. Cap 1/4-20NC x 1-1/4	2
				9	134-085026	. Washer	2
				10	094-067683	. Lower Saw Guide Block	1

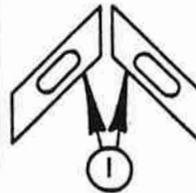
**NOTE: If Your Machine Was Equipped With Two Coolant Lines to the Upper Saw Guide, Order Additional Parts 091-094524 Swivel Joint, Qty. 1, 090-160011 Barbed Insert Qty. 2 and Delete 091-081166 90° Barbed Insert, Qty. 1.



REVISED AND REDRAWN S.W. 12-17-75



**STEEL & CARBIDE
INSERT SELECTION**



INSERT GAGE

.025 - 34-08320
.032 - 13-08303
.035 - 13-08307

* 44804
ACCESSORY

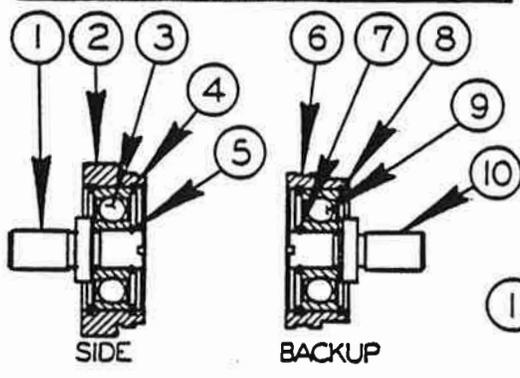
SAW GUIDE SELECTION
* 121230

#121230
 SAW GUIDE SELECTION

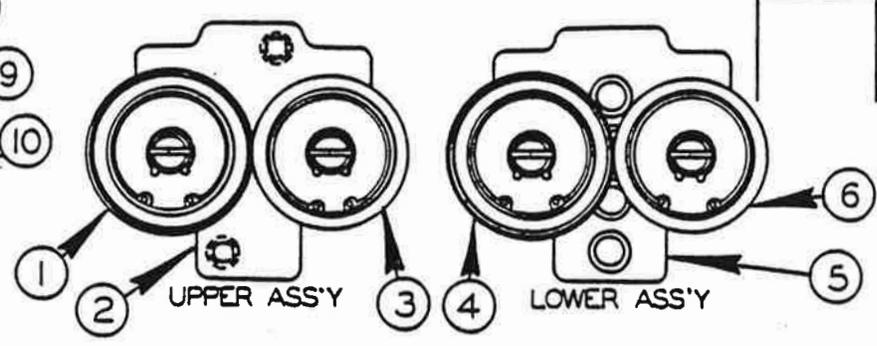
INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y.
PRECISION GUIDES			
Ref.	090-115197	Upper Saw Guide Assembly (1/16" to 1/4")	
1	091-984450	. Screw, Soc. Set 5/16-24NF x 1/2	1
2	091-203695	. Soc. Hd. Pipe Plug	1
3	091-982389	. Screw, Soc. Hd. Cap 1/4-20NC x 5/8	2
4	134-085026	. Washer	2
5	090-252495	. Upper Saw Guide Block	1
6	134-080092	. Bearing Sub-Assembly (See Detail)	1
7	091-985010	. Screw, Soc. Set #8-32NC x 1/4	1
Ref.	090-115072	Lower Saw Guide Assembly (1/16" to 1/4")	
8	091-985010	. Screw, Soc. Set #8-32NC x 1/4	1
9	134-080092	. Bearing Sub-Assembly (See Detail)	1
10	091-982389	. Screw, Soc. Hd. Cap 1/4-20NC x 5/8	2
11	134-085026	. Washer	2
12	090-252479	. Lower, Saw Guide Block	1
Ref.	134-080092	Bearing Sub-Assembly	
1	134-084185	. Shaft	1
2	135-090439	. Bearing	1
3	134-083096	. Roller Seal	1
4	134-083120	. Washer	1
SPIRAL GUIDES			
1	090-268723	Spiral Saw Guide Assembly (Upper)	
2	135-069532	. Eccentric Guide	1
3	NA Alone	. Tire Only	1
4	NA Alone	. Rim Only	1
5	090-268715	Spiral Saw Guide Assembly (Lower)	
6	135-069524	. Plain Guide	1
7	NA Alone	. Tire Only	1
8	NA Alone	. Rim Only	1
HIGH SPEED GUIDES			
Ref.	090-280819	Upper Saw Guide Assembly (1/16" to 1/2")	
1	090-279811	. Upper Saw Guide Block	1
2	091-982389	. Screw, Soc. Hd. Cap 1/4-20NC x 5/8	2
3	134-085026	. Washer	2
4	091-373399	. Plug	1
5	090-115411	. Retaining Ring	1
6	135-022804	. Bearing	1
7	090-184151	. Bearing Cap	1
Ref.	090-282827	Lower Saw Guide Assembly (1/16" to 1/2")	
8	091-982389	. Screw, Soc. Hd. Cap 1/4-20NC x 5/8	2
9	134-085026	. Washer	2
10	090-279837	. Lower Saw Guide Block	1
11	091-373399	. Plug	1
12	090-184151	. Bearing Cap	1
13	135-022804	. Ball Bearing	1
14	090-115411	. Retaining Ring	1
90° SAW GUIDE BRACKETS			
Ref.	090-448044	90° Saw Guide Assembly	
1	135-036473	. 90° Elbow	1
2	090-275975	. Upper Angle Block	1
3	091-982421	. Screw, Soc. Hd. Cap 1/4-20NC x 1	2
4	090-116583	. Nipple	1
5	091-982397	. Screw, Soc. Hd. Cap 1/4-20NC x 3/4	2
6	090-275966	. Lower Angle Block	1
	090-292616	. Center Plate 24 x 24 Table (Not Shown)	USE
	093-021780	. Center Plate 30 x 30 Table (Not Shown)	ONE
STEEL AND CARBIDE INSERT SELECTION			
1	Ref.	Steel Insert (4 Req'd)	Ref. Carbide Insert (4 Req'd)
	090-044991	1/16"	090-161688 1/4"
	090-044983	3/32"	090-161704 3/8"
	090-044975	1/8"	090-132911 1/2"
	090-044967	3/16"	091-058941 5/8"
	090-044959	1/4"	090-132929 3/4"
	090-039603	3/8"	090-089822 1"
	090-039595	1/2"	
	090-039587	5/8"	
	090-039579	3/4"	
	090-039561	1"	

NEW DRG.
SCL 10-24-73
REVISIONS

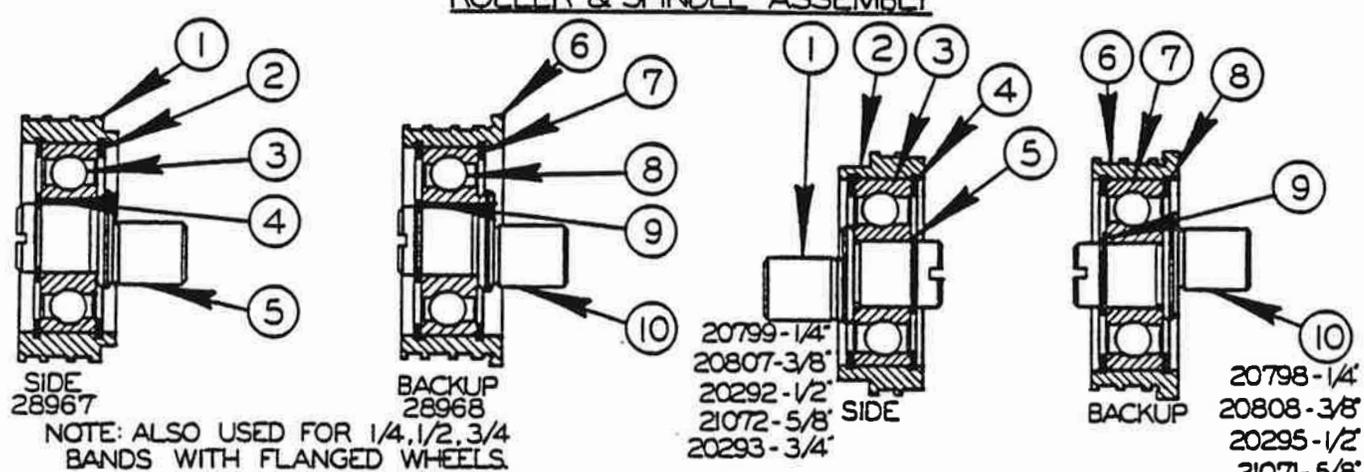
TYPE I
ROLLER & SPINDLE ASSEMBLY



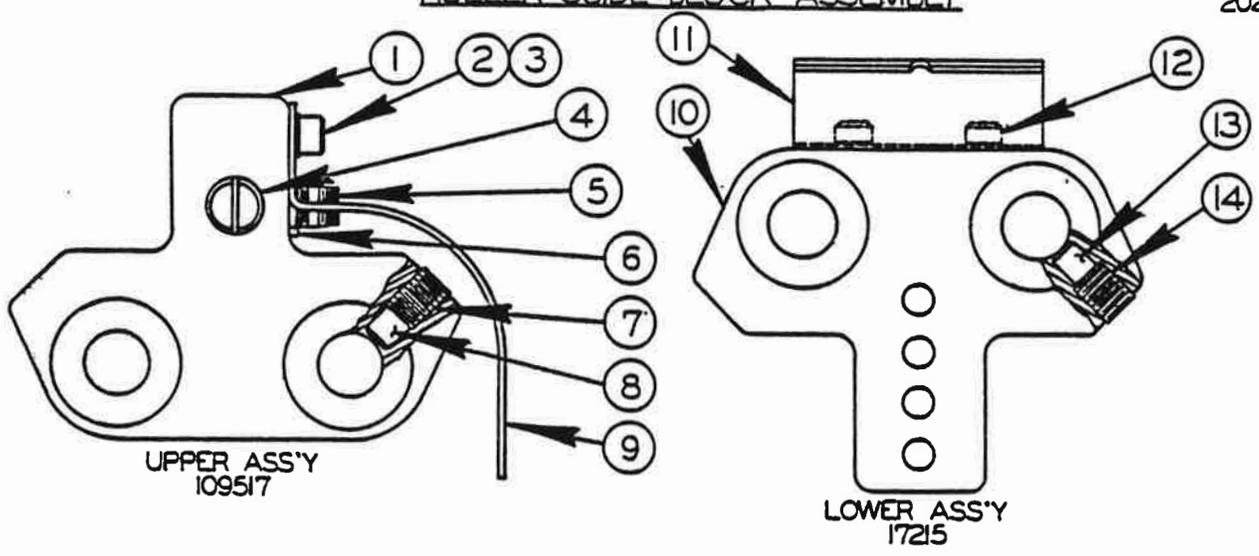
TYPE IA
ROLLER SAW GUIDES W/ROLLERS



TYPE II
ROLLER & SPINDLE ASSEMBLY



ROLLER GUIDE BLOCK ASSEMBLY



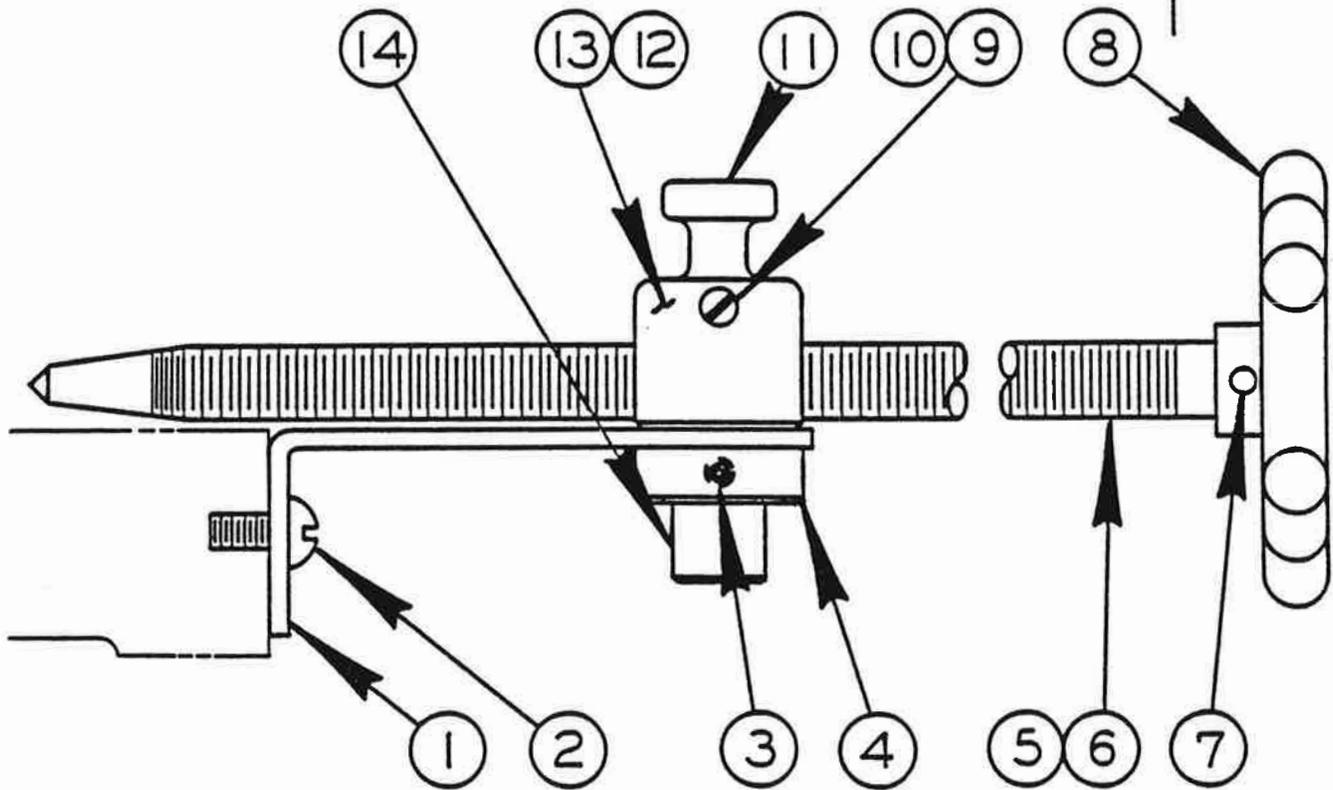
121230
SAW GUIDE SELECTION

CODE NO. C-7-19
CM-7-27

SAW GUIDE SELECTION

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y	INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
TYPE I - ROLLER AND SPINDLE ASSEMBLY							
REF.	090-289844	Roller Sub-Assembly 1/4" Side		REF.	090-289687	Backup Roller Guide Assembly	
REF.	090-289802	Roller Sub-Assembly 3/8" Side		6	091-007583	. Guide Roller 1"	1
REF.	090-289745	Roller Sub-Assembly 1/2" Side		7	090-013038	. Retaining Ring	2
1	090-182965	. Bearing Shaft	1	8	090-017799	. Bearing	1
2	090-289851	. Roller 1/4"	Use	9	090-015686	. Retaining Ring	1
	090-289810	. Roller 3/8"		10	090-135302	. Spindle	1
	090-289752	. Roller 1/2"	One	Ref.	090-207994	Guide Roller Ass'y 1/4" Side	
3	090-115296	. Bearing (N.D. Z99500XRIE) ...	1	Ref.	090-208075	Guide Roller Ass'y 3/8" Side	
4	091-000463	. Internal Ring	2	Ref.	090-202920	Guide Roller Ass'y 1/2" Side	
5	090-115411	. Snap Ring	1	Ref.	090-210725	Guide Roller Ass'y 5/8" Side	
REF.	090-289828	Flanged Roller Sub-Assembly 1/4" Backup		Ref.	090-202938	Guide Roller Ass'y 3/4" Side	
REF.	090-289786	Flanged Roller Sub-Assembly 3/8" Backup		1	090-135302	. Spindle	1
REF.	090-289760	Flanged Roller Sub-Assembly 1/2" Backup		2	090-135310	. Guide Roller 1/4"	Use
6	090-289836	. Flanged Roller 1/4"	Use		090-135401	. Guide Roller 3/8"	
	090-289794	. Flanged Roller 3/8"			090-135336	. Guide Roller 1/2"	
	090-289778	. Flanged Roller 1/2"	One		090-135427	. Guide Roller 5/8"	
7	090-115411	. Snap Ring	1		090-135351	. Guide Roller 3/4"	One
8	091-000463	. Internal Ring	2	3	090-017799	. Bearing	1
9	090-115296	. Bearing (N.D. Z99500XRIE) ...	1	4	090-013038	. Retaining Ring	2
10	090-182965	. Bearing Shaft	1	5	090-015686	. Retaining Ring	1
TYPE IA - ROLLER SAW GUIDES WITH ROLLERS							
REF.	090-292566	Upper Roller Saw Guide Assembly 1/4"		Ref.	090-207986	Backup Roller Guide Ass'y 1/4"	
REF.	090-292582	Upper Roller Saw Guide Assembly 3/8"		Ref.	090-208083	Backup Roller Guide Ass'y 3/8"	
REF.	090-295064	Upper Roller Saw Guide Assembly 1/2"		Ref.	090-202953	Backup Roller Guide Ass'y 1/2"	
1	Ref.	Select flanged backup roller sub-ass'y from type 1 detail and parts list.		Ref.	090-210717	Backup Roller Guide Ass'y 5/8"	
2	090-289604	. Upper Saw Guide Block	1	Ref.	090-202961	Backup Roller Guide Ass'y 3/4"	
3	Ref.	Select side roller sub-ass'y from type 1 detail and parts list.		6	090-135328	. Backup Roller 1/4"	Use
	091-982397	. Scr., Soc. Hd. Cap 1/4-20NC x 3/4 (Not Shown)	2		090-135419	. Backup Roller 3/8"	
	091-993212	. Washer, Lock 1/4 Std. (Not Shown)	2		090-135344	. Backup Roller 1/2"	
REF.	090-292574	Lower Roller Saw Guide Ass'y 1/4"			090-135435	. Backup Roller 5/8"	
REF.	090-292590	Lower Roller Saw Guide Ass'y 3/8"			090-135369	. Backup Roller 3/4"	One
REF.	090-295056	Lower Roller Saw Guide Ass'y 1/2"		7	090-017799	. Bearing	1
4	Ref.	Select flanged backup roller sub-ass'y from type 1 detail and parts list.		8	090-013038	. Retaining Ring	2
5	090-289612	. Lower Saw Guide Block	1	9	090-015686	. Retaining Ring	1
6	Ref.	Select side roller sub-ass'y from type 1 detail and parts list.		10	090-135302	. Spindle	1
	091-982397	. Scr., Soc. Hd. Cap 1/4-20NC x 3/4 (Not Shown)	2		090-135302	Roller Guide Block Assembly	
	091-993212	. Washer, Lock 1/4 Std.	2	Ref.	091-095174	Upper Guide Sub-Assembly	
TYPE II - ROLLER AND SPINDLE ASSEMBLY							
REF.	090-289679	Side Roller Guide Assembly		1	090-335175	. Upper Guide Block	1
1	091-007583	. Guide Roller 1"	1	2	091-982363	. Scr., Soc. Hd. Cap 1/4-20NC x 1/2	1
2	090-013038	. Retaining Ring	2	3	091-993212	. Washer, Lock 1/4 Std.	1
3	090-017799	. Bearing	1	4	090-335092	. Coolant Nozzle	1
4	090-015686	. Retaining Ring	1	5	114-145287	. Close Nipple	1
5	090-135302	. Spindle	1	6	107-0151045	. Hex. Pipe Nipple	1
				7	091-984484	. Scr., Soc. Hd. Set 3/8-16NC x 3/8	2
				8	090-017419	. Plug	2
				9	090-336363	. Coolant Guard	1
				Ref.	090-172156	. Cloth Bag (Not Shown)	1
				10	090-277435	Lower Guide Sub-Assembly	
				11	090-021403	. Lower Guide Block	1
				12	091-982355	. Chip Deflector	1
				13	090-017419	. Scr., Soc. Hd. Cap 1/4-20NC x 3/8	2
				14	091-984492	. Plug	2
						. Scr., Soc. Hd. Set 3/8-16NC x 1/2	2

REVISED
AND
REDRAWN
SCL 12-10-74



SCREW FEED ASSEMBLY

C-10-29 CM-10-17

F-1

PRINTED IN U.S.A.

CODE NO. C-10-29
CM-10-17

SCREW FEED ASSEMBLY

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
REF.	135-062123	Screw Feed Assembly (1612, 1612-0, 1612-1, 2013, 2013-0, 2013-1, 2013-10, 2012-1A, 2012-1AT, 2612-1, 3612, 3613-1)	
REF.	090-454679	Screw Feed Assembly (1613-2, 2613-2, 3613-2, 6013-2)	
1	135-062115	. Feed Screw Bracket	1
2	091-988956	. Screw, Rd. Hd. Mach. 1/4-20NC x 1/2	2
3	091-984104	. Screw, Soc. Set #10-24NC x 1/4	1
4	111-284188	. Collar	1
*5	111-030078	. Screw Feed Handle & Screw Sub-Assembly	1
6	111-034013	. . Screw Feed Screw	1
7	090-042557	. . Roll Pin	1
8	134-031061	. . Screw Feed Handle	1
*9	135-052249	. Screw Feed Swivel Sub-Assembly	1
10	091-988386	. . Screw, Rd. Hd. Mach. #6-32NC x 1/4	1
11	105-034029	. . Screw Feed Key	1
12	105-035026	. . Steel Ball	2
13	105-035018	. . Detent Spring	1
14	105-034011	. . Screw Feed Swivel	1

*NOTE: Starred Items Used Only On Assembly #090-454679.

NEW DRG.
S.C.L. 4-11-74
REVISIONS
C.A.K. 2-2-78

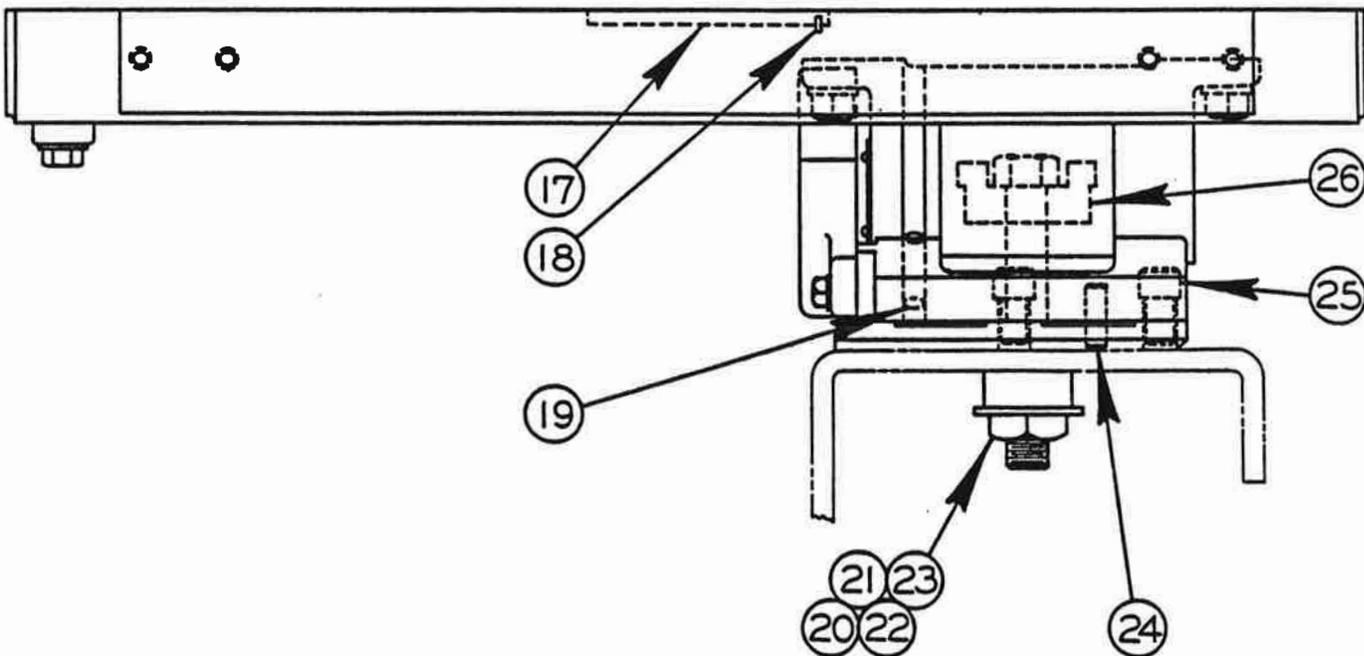
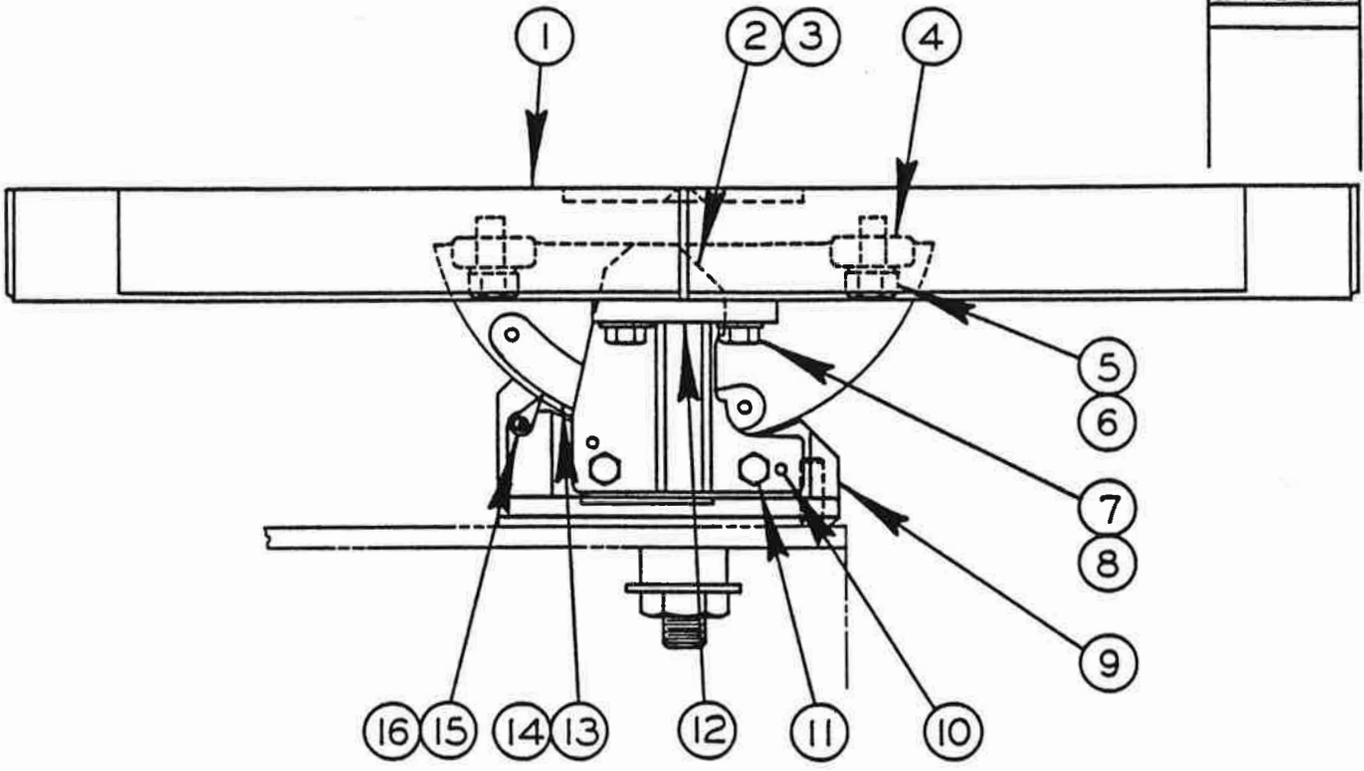


TABLE & TRUNNION
ASSEMBLY

C-3-51

F-3

MODEL	FIRST MACH	LAST MACH
2013-1	338-74101	338-78245
2013-10	339-74101	339-781036
2013-2	396-78101	
2013-20	377-77101	
2013	301-74161	301-74165
2013-0	321-74344	321-74357

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TABLE AND TRUNNION ASSEMBLY

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	095-038253	Table and Trunnion Assembly	
1	090-553033	. Table	1
2	091-333203	. Shim	1
	091-333211	. Shim	1
3	090-242447	. Lower Post Block	1
4	090-406455	. Trunnion	1
5	091-980656	. Screw, Hex. Hd. Cap 1/2-13NC x 1	4
6	091-993279	. Washer, Lock 1/2 Std.	4
7	091-980466	. Screw, Hex. Hd. Cap 3/8-16NC x 1	4
8	091-992644	. Washer, Flat 3/8 Std.	2
9	090-406497	. Cradle	1
10	135-005163	. Dowel Pin	2
11	091-993329	. Washer, Lock 3/8 Std.	2
12	090-045998	. Clamp	1
13	090-038613	. Escutcheon	2
14	091-994012	. Screw, Rd. Hd. Drive PK-U #6 x 3/8	2
15	134-033158	. Pointer	1
16	091-988378	. Screw, Rd. Hd. Mach. #6-32NC x 3/16	1
17	090-104902	. Center Plate	1
18	090-042094	. Roll Pin	1
19	114-004732	. Dowel Pin	2
20	091-981068	. Screw, Hex. Hd. Cap 3/4-16NF x 5	1
21	091-992685	. Washer Flat 3/4 Std.	1
22	091-991414	. Nut, Hex. 3/4-16NF	1
23	090-105016	. Spacer	1
24	090-163510	. Dowel Pin	2
25	091-982918	. Screw, Soc. Hd. Cap 1/2-13NC x 3/4	4
26	090-394644	. Head.....	1

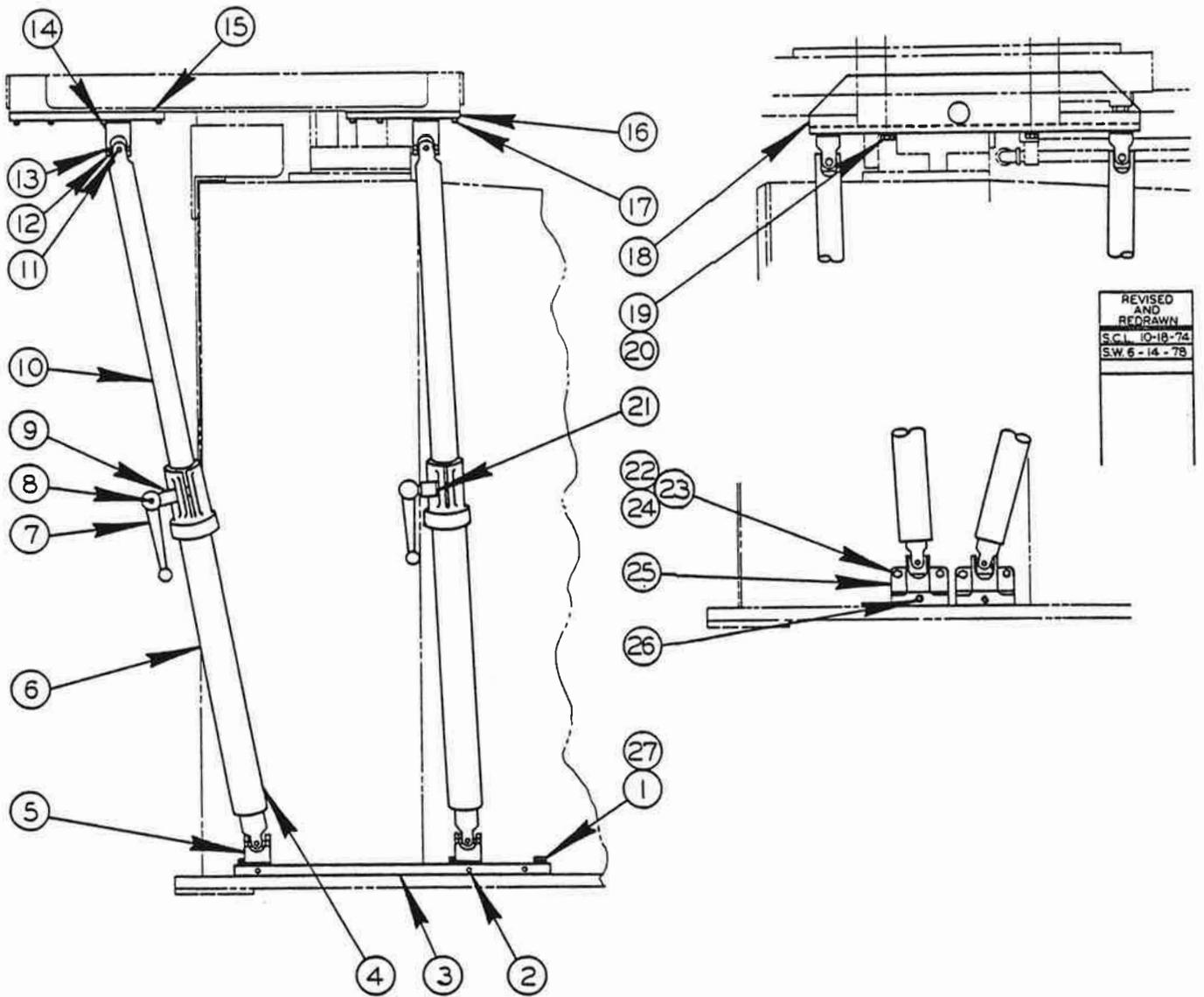


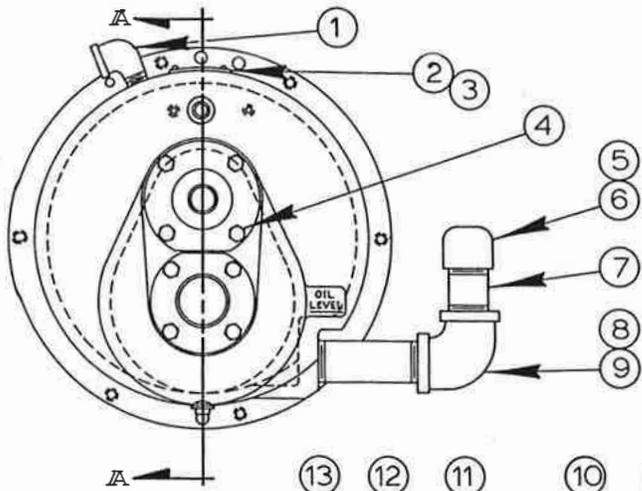
TABLE SUPPORT ASSEMBLY

TABLE SUPPORT ASSEMBLY

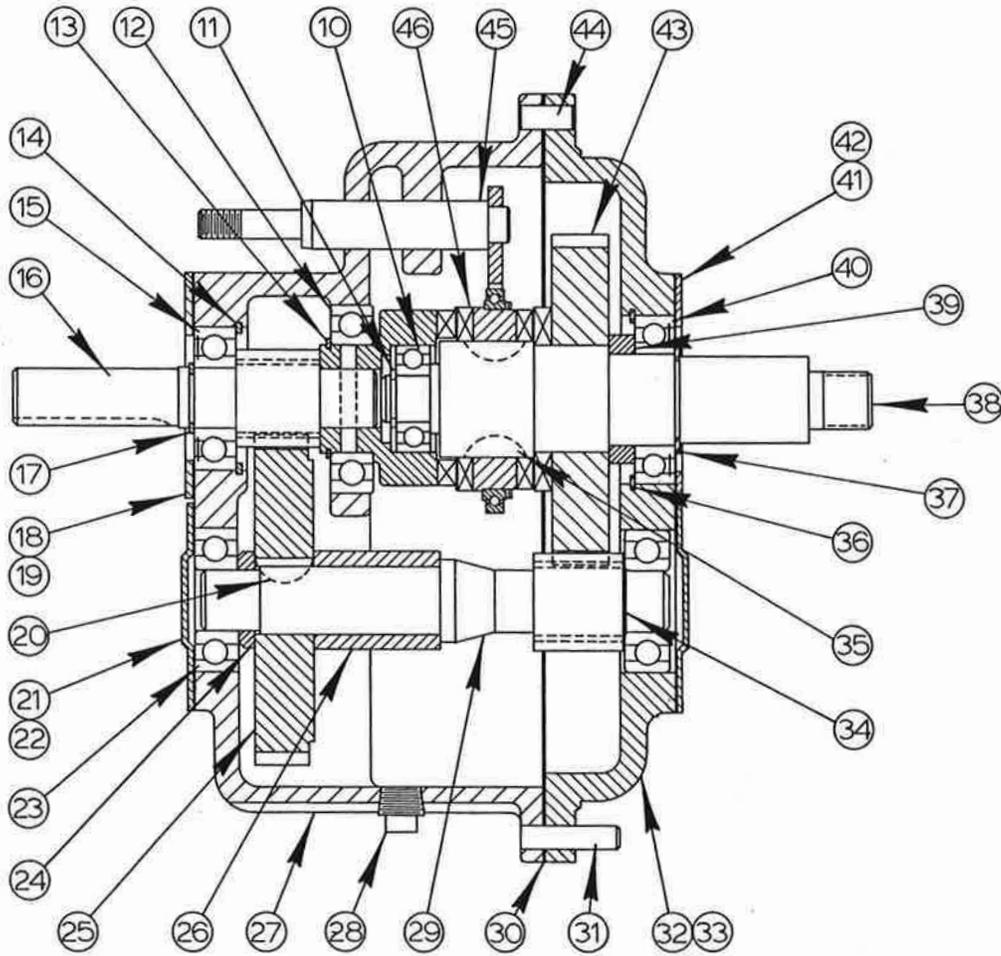
INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
*Ref.	090-554361	Table Support Assembly (1612, 3612, 1612-0, 3613-0, 1612-1, 2612-1, 3613-1, 1613-2, 3613-2, HS6013, 2013-1, 2013-10, 2012-1A, 2012-1AT)	
*Ref.	090-508268	Table Support Assembly (1611-H, 1612-H, 3612-H, 2612-H, 2612-1H, 2612-2H, 1612-3, 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.

REVISED AND REDRAWN
SCL. 11-10-83



NOTE: THIS ASSEMBLY REPLACES ORIGINAL EQUIPMENT ON MODELS 16M, 30M, 1612-U, 3012-U WITH SPEED RANGES OF 50 - 300 FPM, 850 - 5200 FPM. ALSO ON ALL 1612-1, 3613-1. MODELS.



SECTION A-A

MODEL	FIRST MACH.	LAST MACH.
1612-U	146-631406	146-682367
3012-U	147-63581	147-681104
1612-1	148-63636	148-731539
3613-1	149-63268	149-73706
1612-0	209-63147	209-681820

SEE PARTS LIST FOR ADDITIONAL MODELS USING THIS ASSEMBLY.

TRANSMISSION
ASSEMBLY

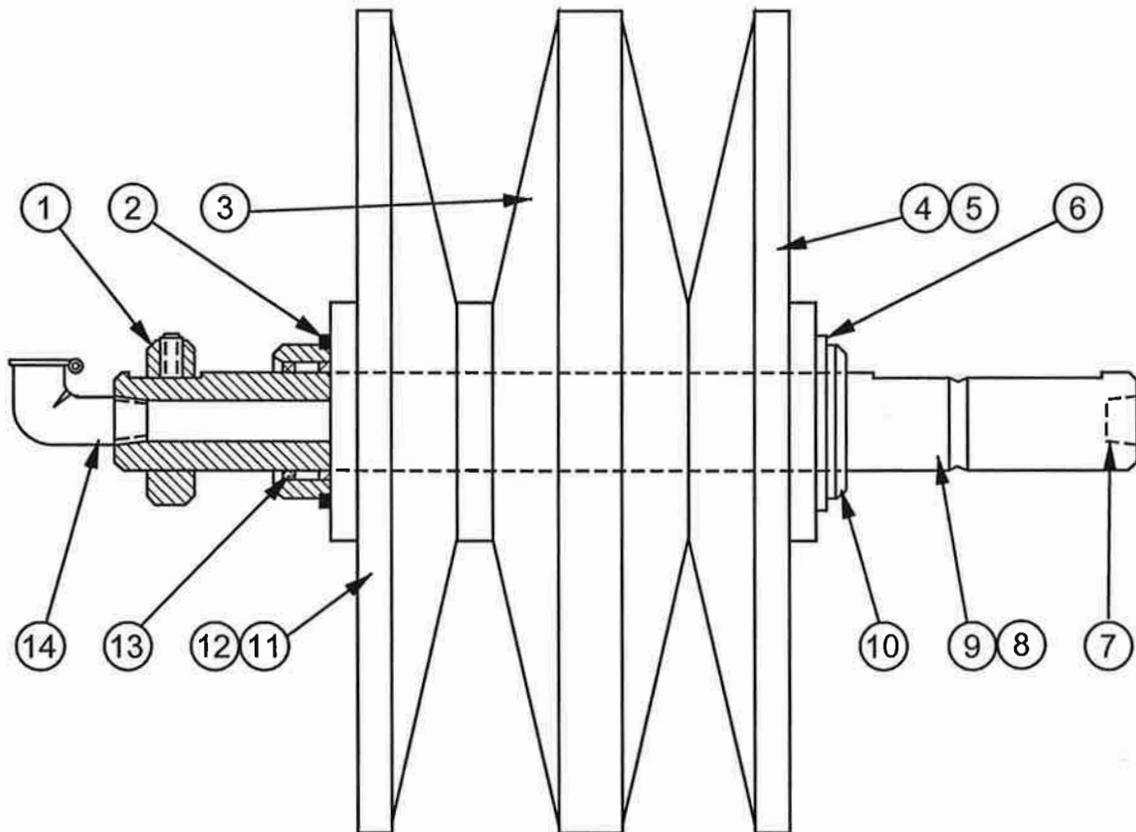
TRANSMISSION ASSEMBLY

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	090-559972	Transmission Assembly	
1	117-135210	. 90° Street Elbow.....	1
2	091-364455	. Escutcheon.....	1
3	091-993964	. Screw, Rd. Hd. Mach. #2 x 3/16.....	2
4	091-980052	. Screw, Hex. Hd. Cap 1/4-20NC x 3/8.....	16
5	090-110693	. Pipe Cap (3/4" NPT).....	1
	090-060088	. Pipe Cap (1/2" NPT).....	1
6	091-384420	. Gear Oil (Not Shown).....	A.R.
7	090-059056	. Pipe Nipple (3/4" NPT).....	1
	090-052580	. Pipe Nipple (1/2" NPT).....	1
8	105-046171	. 90° Elbow (3/4" NPT).....	1
	114-003486	. 90° Elbow (1/2" NPT).....	1
9	091-135277	. Pipe Nipple(3/4" NPT).....	1
	090-052580	. Pipe Nipple (1/2" NPT).....	1
10	091-057497	. Ball Bearing.....	1
11	091-041640	. Retaining Ring.....	1
12	090-022732	. Ball Bearing.....	1
13	135-075380	. Retaining Ring.....	1
14	135-081891	. Retaining Ring.....	1
15	091-001222	. Bearing.....	1
16	090-317389	. Input Shaft Assembly.....	1
	090-317371	. Input Shaft and Clutch.....	1
	090-042389	. Roll Pin.....	1
	090-317355	. Clutch.....	1
17	135-086643	. Retaining Ring.....	1
18	091-056887	. Cover Plate.....	1
19	091-056895	. Gasket.....	1
20	105-046023	. Woodruff Key.....	1
21	105-043038	. Countershaft Bearing Cover.....	2
22	105-043095	. Gasket.....	2
23	091-085571	. Bearing.....	2
24	091-032359	. Spacer.....	1
25	105-044242	. Gear.....	1
26	091-027268	. Spacer.....	1
27	090-548710	. Transmission Case.....	1
28	105-046122	. Pipe Plug.....	1
29	090-292699	. Countershaft.....	1
30	105-043111	. Gasket.....	1
31	105-044127	. Dowel Pin.....	1
*32	090-470469	. Transmission Cover.....	1
33	091-987685	. Screw, Flat Hd Mach. 5/16-18NC x 3/4.....	4
34	091-057000	. Shim (.005).....	2
35	135-071926	. Woodruff Key.....	2
36	091-057091	. Retaining Ring.....	1
37	091-090662	. Retaining Ring.....	1
38	090-317330	. Output Shaft.....	1
39	091-056861	. Spacer.....	1
40	091-056994	. Ball Bearing.....	1
41	091-056903	. Cover Plate.....	1
42	091-056911	. Gasket.....	1
43	106-044217	. Clutch Gear.....	1
44	105-044150	. Dowel Pin.....	1
45	091-114496	. Shifter Fork Assembly.....	1
	091-114462	. Shaft.....	1
	091-114488	. Yoke Weldment.....	1
46	091-114512	. Shifter Clutch Assembly.....	1
	090-468218	. Shifter Clutch.....	1
	091-114504	. Ball Bearing.....	1
	090-042094	. Roll Pin.....	3

*NOTE: When Ordering Transmission Cover, Order #5, #7, #8, #9 1/2" NPT Fittings Also If You Don't Have 3/4" NPT Fitting Already.

This Assembly Used On Models: 1611-U, 1611-H, 1616, 1612-H, 1612-0, 2013, 2013-1, 2013-0, 2013-10, 2012-A, 2012-AT, 2012-1AT, 2012-1H, 3612-U, 3612, 3613-0, 3612-H, 3612-1, 3613-10, 3612-1H.

NEW DRG. S.C.L. 8-28-97
REVISIONS



VARIABLE PULLEY ASSEMBLY
(8.5")

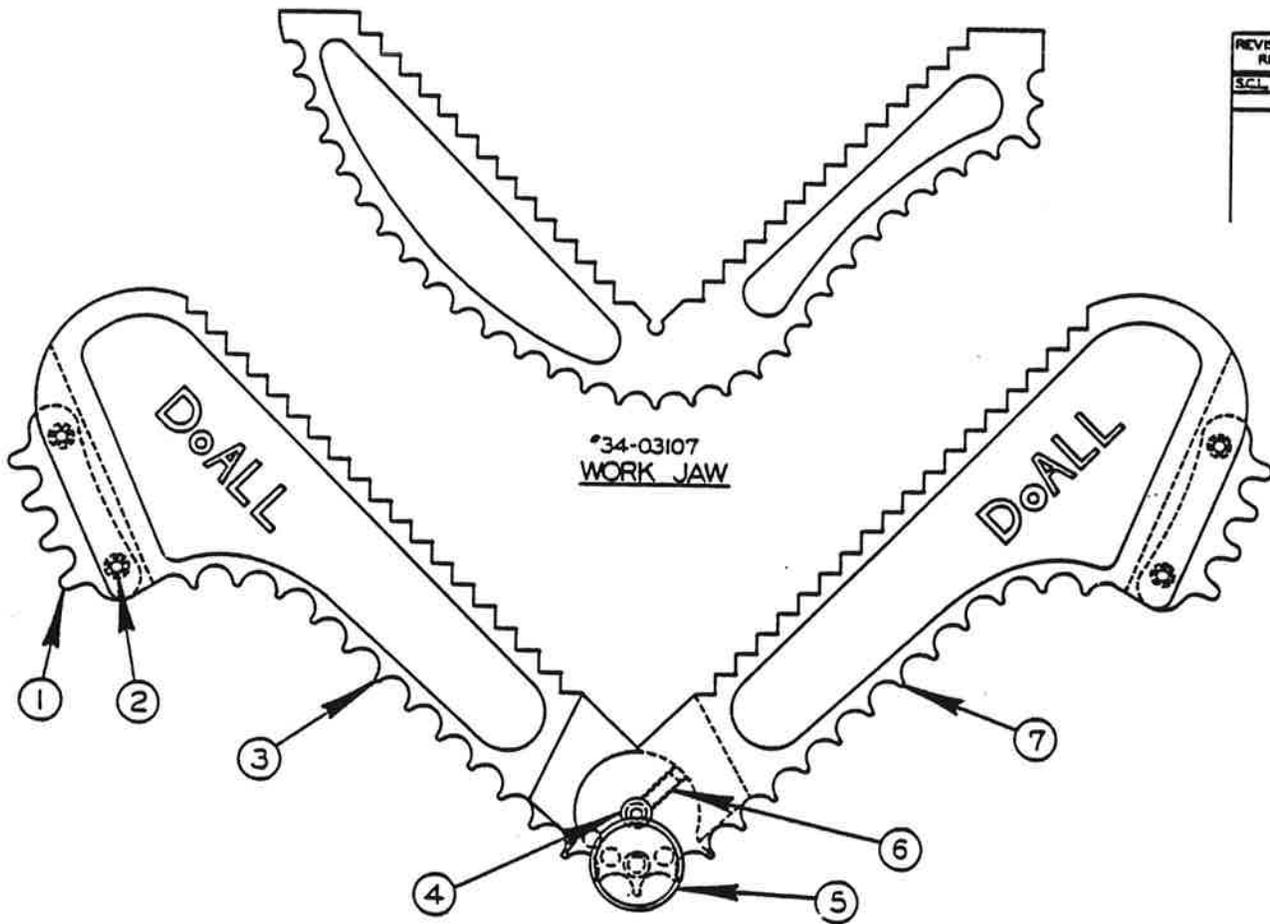
C - 5 - 34 CM - 5 - 12 Z - 5 - 33 PS - 4 - 35

CODE NO. C-5-34
 CM-5-12
 Z-5-33
 PS-4-35

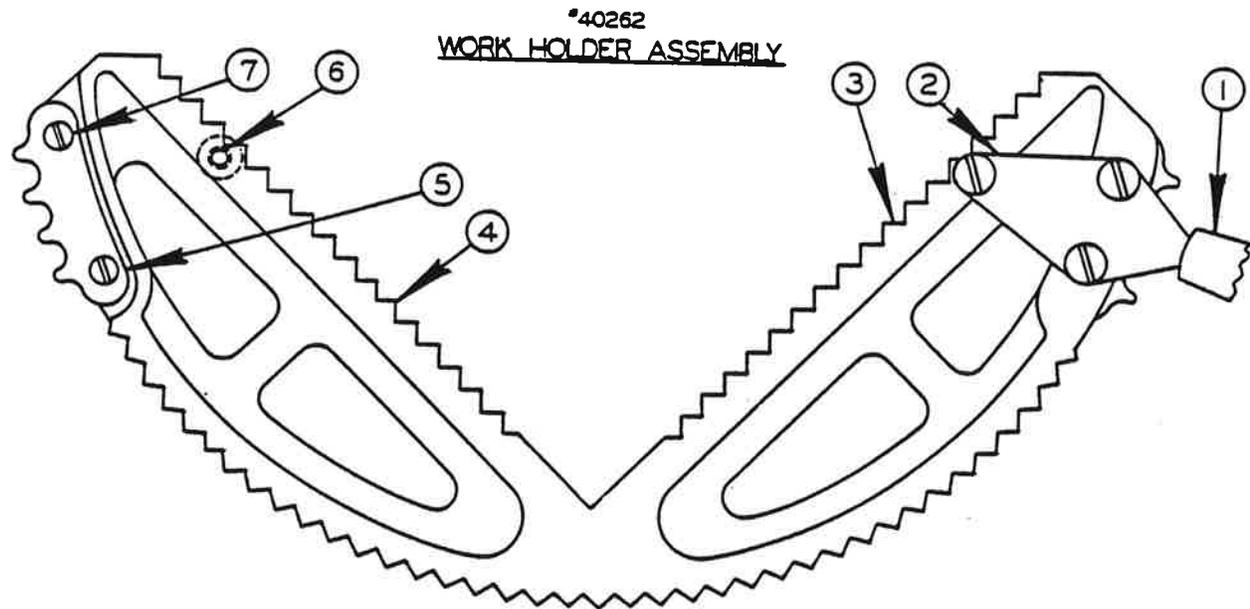
VARIABLE PULLEY ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	135-093359	Variable Pulley Assembly (8.5")	
1	090-061839	. Set Screw Collar	1
2	135-003275	. Snap Ring	1
3	090-202466	. Center Sheave Assembly	1
4	135-093375	. End Sheave	1
5	105-046023	. Woodruff Key	1
6	135-003275	. Snap Ring	1
7	091-227488	. Pipe Plug	1
8	135-093367	. Shaft	1
9	091-007013	. Wick	A.R.
10	135-093391	. Variable Sleeve Assembly	1
11	135-093375	. End Sheave	1
12	105-046023	. Woodruff Key	1
13	135-008985	. Washer (Both Ends)	2
14	111-055125	. Variable Oilder	1
Following Not Shown:			
	091-420455	. Cloth Bag	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.

