

Model

3613-2

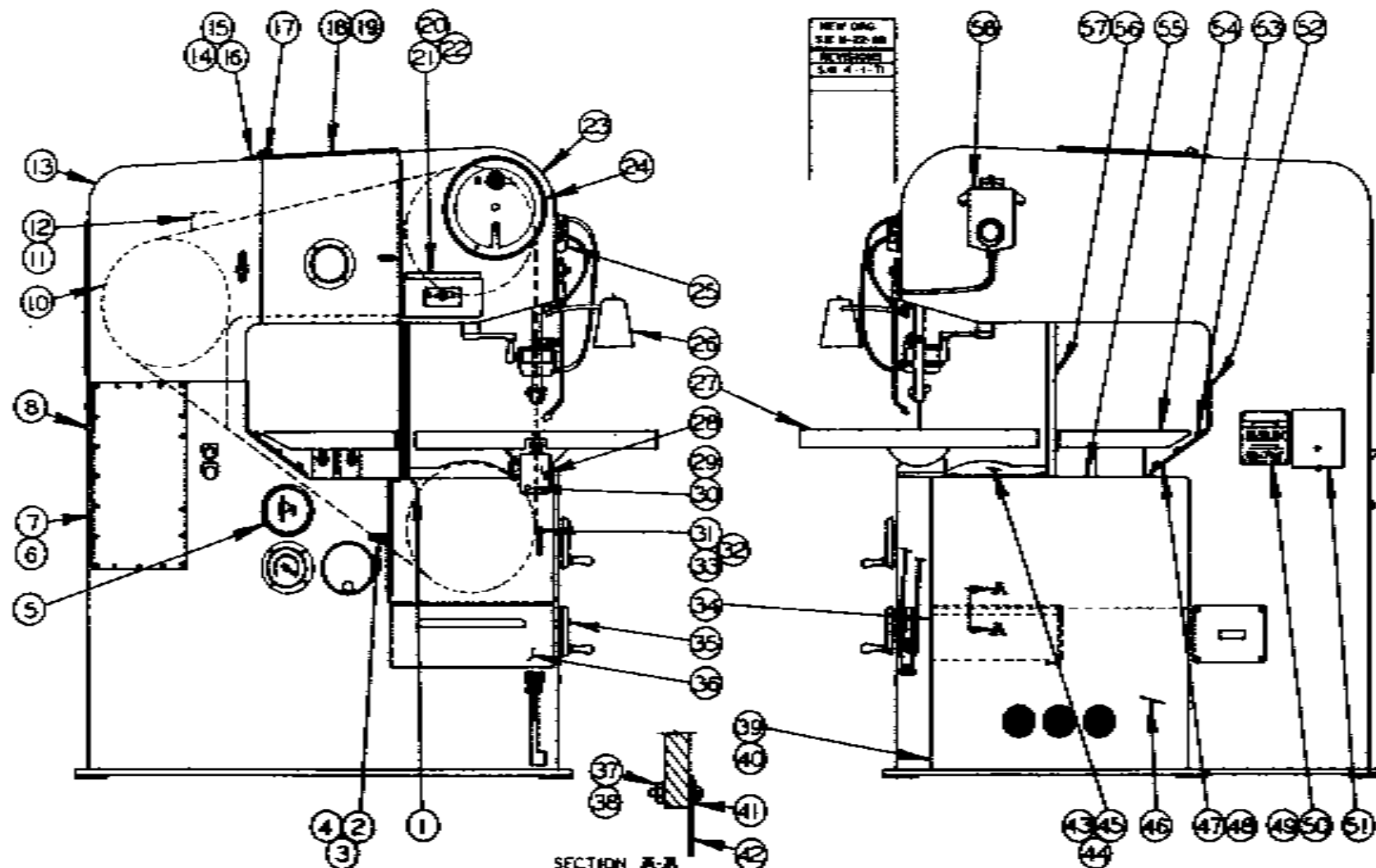
INDEX A-1

FICHE NO. A-45 CLASS Contour MODEL 3613-2 SERIAL NO. 151-59101 TO PRESENT

PAGE NO.	DESCRIPTION	FIRST SERIAL	LAST SERIAL	FRAME NO.		FICHE NO.
				DWG.	P.LIST	
C-1-36	Final Assembly	ALL		A-3	A-4	
C-8-57	Air Compressor	ALL		A-5	A-6	
C-7-26	Band Filer	ALL		A-7	A-8	
C-7-26	Band Polisher	ALL		A-7	A-8	
C-2-43	Band Tension Indicator	151-59101	to 151-66368	C-3	C-4	
C-2-55	Band Tension Indicator	151-66369	to END	A-9	A-10	
H1-19.0	Blade Shear	See Buttwelders		F-9	F-10	H-2
C-9-126	Brake Assembly, 3 Wheel	ALL		A-11	A-12	
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C-9-127	Brake Assembly, Details	ALL		B-1	B-2	
C-1-36	Chip Brush	ALL		A-3	A-4	
C-10-31	Coolant	ALL		B-3	B-4	
C-10-7	Cutoff Attach. #1 All Purpose	ALL		B-5	B-6	
C-10-28	Cutoff Attach. #2 Side Mount	ALL		B-7	B-8	
C-1-53	Door Handles & Latches	ALL		B-9	B-10	
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C-5-45	Drive	151-67417	to END	B-13	B-14	
H1-20.0	Etching Pencil	See Buttwelders		F-11	F-12	H-2
C-2-127	Extra Work Height	ALL		C-1	C-2	
C-7-26	Filing Fixture for Small Ports	ALL		A-7	A-8	
C-2-43	Head	151-59101	to 151-66368	C-3&4	C-3&4	
C-2-54	Head	151-66369	to 151-70524	C-5	C-6	
C-2-71	Head 1 of 2	151-70525	to END	C-7	C-8	
C-2-63	Head 2 of 2	151-70525	to END	C-9	C-10	
C-10-22	Heavy Work Clamps	151-59101	to 8/12/1968	C-11	C-12	
C-10-38	Heavy Work Clamps	8/12/1968	to END	C-13	C-14	
C-10-23	Heavy Work Slides	ALL		D-1	D-2	
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C-9-63	Hydraulic Contour Feed	151-62213	to END	D-5	D-6	
C-9-76	Hydraulic Tank	151-59101	to 151-62212	D-4	D-4	
C-9-62	Hydraulic Tank	151-62213	to END	D-7	D-8	
C-8-104	Job Selector	151-59101	to 151-69515	D-9	D-10	
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C-8-7	Lamp, Metal Shade	151-59101	to 1964	D-13	D-14	
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C-10-37	Lubrication Attach., Central	ALL		E-3	E-4	
C-10-15	Magnifier	ALL		E-5	E-6	
C-10-12	Miter, #3 Slot Mount	ALL		E-7	E-8	
C-9-5	Power Feed, Weight Type 1 of 2	ALL		E-9	E-10	
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C-7-18	Saw Guides, Insert Type	ALL		F-3	F-4	
C-7-20	Saw Guides, Insert Type	ALL		F-5	F-6	
C-7-19	Saw Guides, Roller Type	ALL		F-7	F-8	
C-5-105	Speed Indicator	ALL		F-9	F-10	
C-3-42	Table & Trunnion	151-59101	to 151-68488	F-10&11	F-10&11	

FICHE NO. A-45 CLASS Contour MODEL 3613-2 SERIAL NO. 151-59101 TO PRESENT

PAGE NO.	DESCRIPTION	FIRST SERIAL	LAST SERIAL	FRAME NO.		FICHE NO.
				DWG.	P.LIST	
C-3-49	Table & Trunnion	151-68489	to END	F-13	F-14	
C-10-32	Table & Trunnion, 4 Way Tilt	ALL		G-1	G-2	
C-3-38	Table, Secondary	ALL		G-3	G-3	
C-2-44	Third Wheel Ass'y.	ALL		G-5	G-6	
C-4-38	Transmission, MX2	ALL		G-7	G-8	
C-4-39	Transmission Shifter	ALL		G-9	G-10	
C-5-34	Variable Speed Pulley	ALL		G-11	G-12	
C-5-9,	Wheel, Lower	151-59101	to 151-67416	B-12	B-12	
C-5-45	Wheel, Lower	151-67417	to END	B-13	B-14	
C-2-44	Wheel, Third	ALL		G-5	G-6	
C-2-43	Wheel, Upper	151-59101	to 151-66368	C-3&4	C-3&4	
C-2-54	Wheel, Upper	151-66369	to 151-70524	C-5	C-6	
C-2-71	Wheel, Upper	151-70525	to END	C-7	C-8	
C-10-16	Work Holding Jaws	ALL		G-13	G-14	



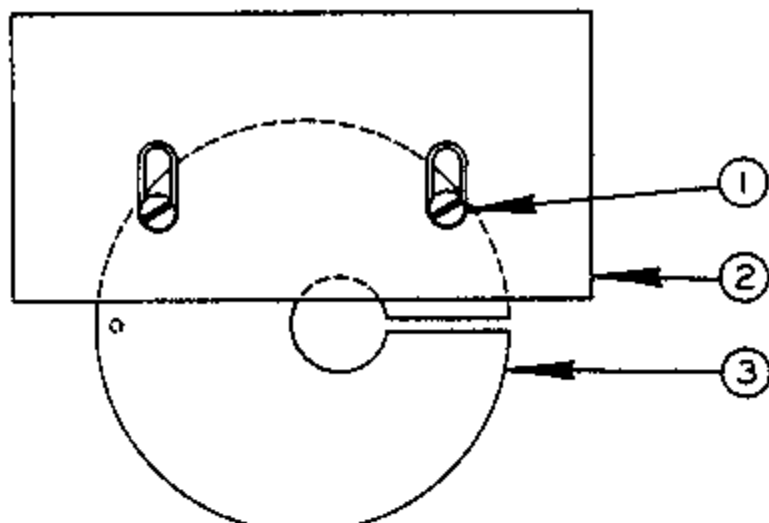
FINAL ASSEMBLY

FINAL ASSEMBLY

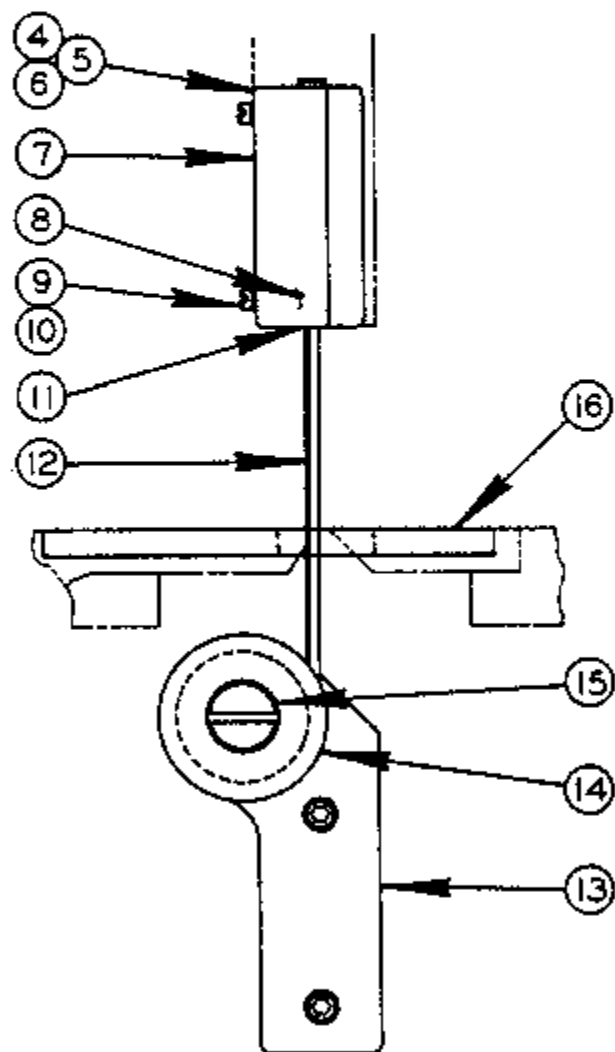
INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY
Ref.	54555	Final Assembly	
1	27407	Wheel Brush Assembly	1
2	6064	Bracket	2
3	12235	Door Stop	2
4	Comm.	Washer, Lock #10 Std.	4
5	49906	Drive Assembly (See Detail)	1
6	401003	Panel	1
7	Comm.	Screw, Truss Hd. Mach 1/4-20NC x 3/8	19
8	7436	Plug Button	2
10	43164	Third Wheel Assembly (See Detail)	1
11	6180	Cover Plate	1
12	Comm.	Screw, Rd. Hd. Mach #6-32NC x 1/4	4
13	54721	Frame Assembly	1
14	Comm.	Nut, Hex. #10-24NC	7
15	120141	Bracket Assembly	1
16	Comm.	Screw, Rd. Hd. Mach. #10-24NC x 1/2	9
17	Str. #.061	Felt	1
18	38222	Cover Weldment	1
19	1019	Washer	1
20	Comm.	Nut, Hex. Jam 1/4-20NC	2
21	401519	Card Holder Assembly	1
22	Comm.	Screw, Rd. Hd. Mach. 1/4-20NC x 3/4	2
23	300390	Head Assembly (See Detail)	1
24	401461	Job Selector Assembly (See Detail)	1
25	23414	Upper Door Latch Assembly (See Detail)	1
26	109068	Lamp Assembly (See Detail)	1
27	Ref.	Table and Trunnion Assembly (See Detail)	1
28	41101	Chip Baffle	1
29	5-02401	Thumb Screw	1
30	Comm.	Screw, Hex. Hd. Cap 1/4-20NC x 1/2	1
31	16842	Lower Door Latch Assembly (See Detail)	2
32	5-02101	Door Latch	2
33	Comm.	Screw, Soc. Hd. Set 1/4-20NC x 1/4	1
34	Comm.	Screw, Truss. Hd. Mach 1/4-20NC x 1/2	2
35	59331	Weight Power Feed Assy (See Detail)	1
36	44798	Chip Box Assembly	1
37	Comm.	Screw, Rd. Hd. Mach. #8-32NC x 3/4	3
38	Comm.	Nut, Hex. #8-32	3
39	3325	Plug Button	1
40	13382	Plug Button	2
41	105696	Clamp Strip	1
42	105695	Seal Strip	1
43	41076	Lower Wheel Cover	1
44	Comm.	Screw, Hex. Hd. Cap 1/4-20NC x 3/8	2
45	Comm.	Washer, Lock 1/4 Std	3
46	54720	Rear Cover Assembly	1
47	14184	Cover Plate	1
48	Comm.	Screw, Bdg. Hd. SelfTap #4 x 5/16	2
49	38890	Data Plate	1
50	Comm.	Screw, Drive #4 #k Type U 1/4	6
51	Ref.	Electrical Diagram and Stock List	1
52	8688	Cover Plate Assembly	1
53	11-02401	Thumbscrew	2
54	30369	Secondary Table Assembly (See Detail)	1
55	105697	Seal Strip	1
56	28825	Blade Guard Assembly	1
57	Comm.	Screw, Oval Hd. Mach 1/4-20NC x 1/2	2
58	Ref.	Mist Coolant Assembly (See Detail)	1
	11-05509	Pipe Plug (Not Shown)	1
	Ref.	Hydraulic Schematic (Hyd. Brakes)	

AIR COMPRESSOR

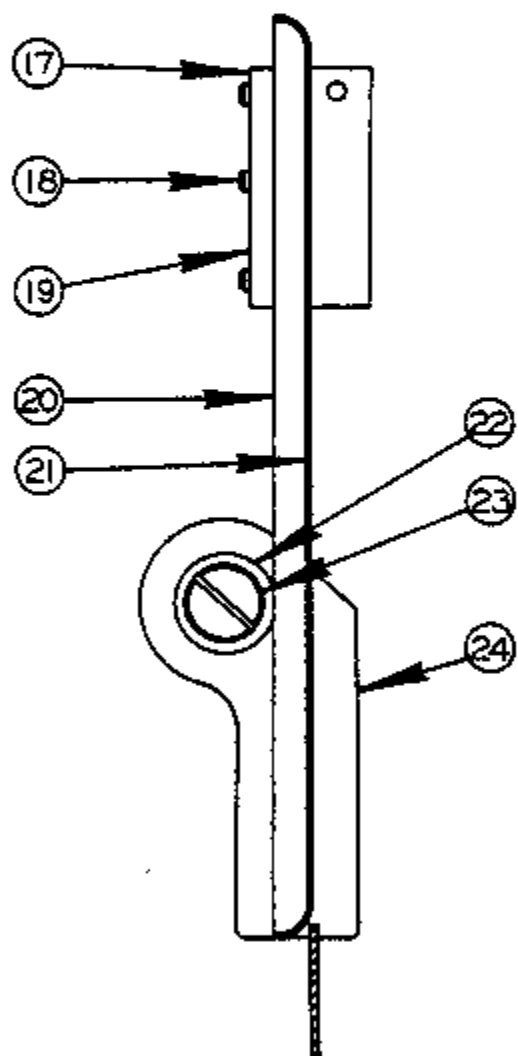
INDEX NO.	CATALOG NO.	DESCRIPTION	QUINCY CO. PART NO.	UNITS PER ASS'Y
Ref.	094-008950	Air Compressor (Quincy)		
1	091-186395	. Breather Assembly	2151-X	1
2	091-186403	. Replacement Felt	2149	1
3	091-186015	. Cylinder	2101	1
4	091-186023	. Stud Breather	7178	1
5	091-186031	. Breather Valve Bumper	2118	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



SMALL PARTS FILING ASSEMBLY



BAND FILING ASSEMBLY

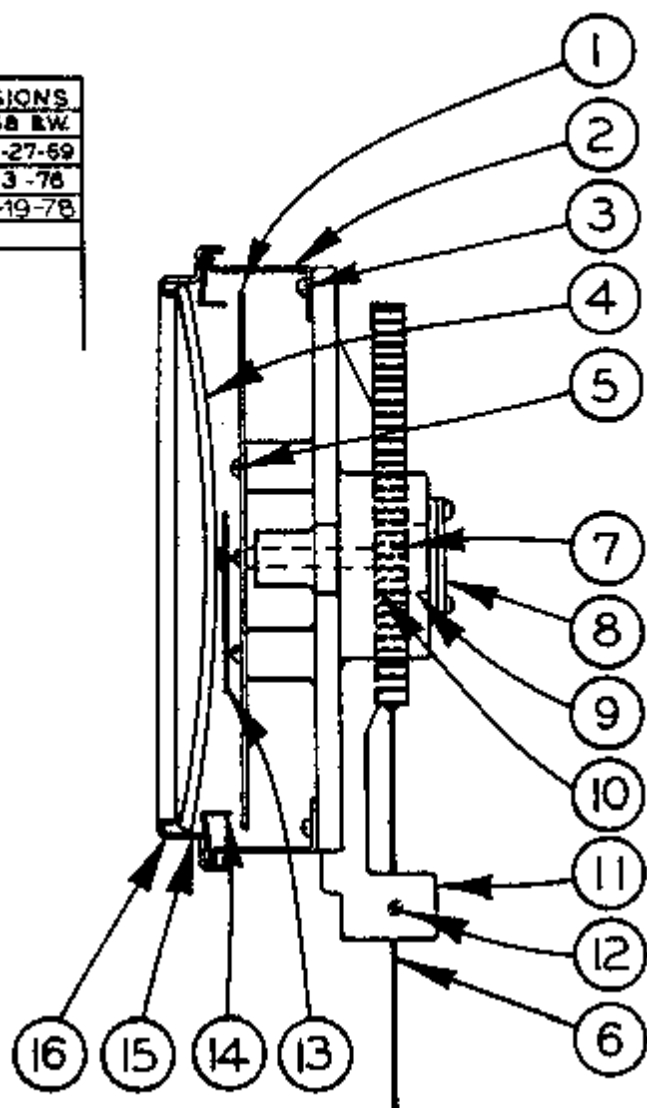
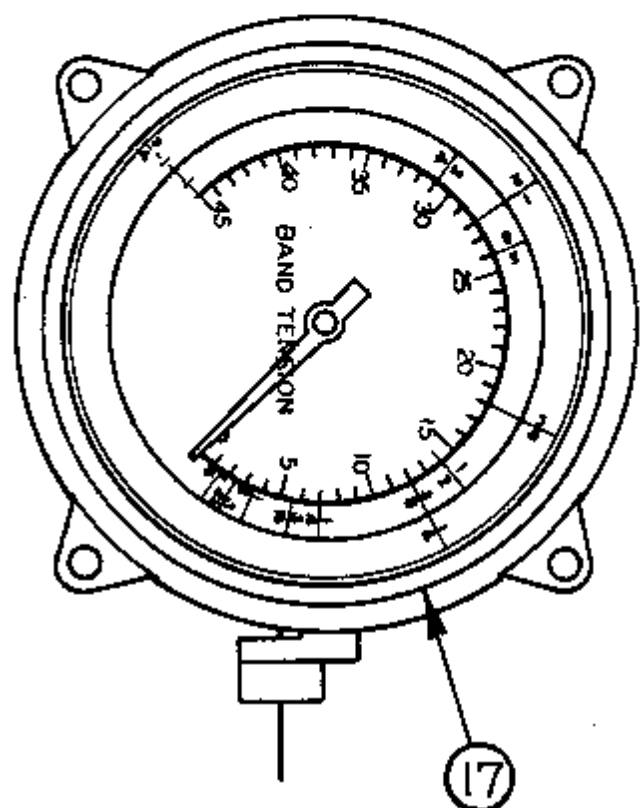


BAND POLISHING ASSEMBLY

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'y's #27487, #27490, #34096, #34099)	2
1	091-987487	Screw, Fil. Hd. Mach. #10-24NC x 3/8	2		091-986992	Screw, Fil. Hd. Mach. #10-24NC x 5/8 (Ass'y's #27488, #27491, #34097, #34103, #27489, #27492, #34098, #34104)	2
2	090-120460	Small Part Plate	1	10	091-993154	Washer, Lock #4 Std. (Ass'y's #27490, #34099)	2
3	090-120452	Center Plate	1		091-993196	Washer, Lock #10 Std. (Ass'y's #27488, #27491, #34097, #34103, #27489, #27492, #34098, #34104)	2
Ref.	090-447806	Band Filing Ass'y (1612, 1612-0, 1612-H, 1612-1, 1612-2, 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'y's #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-H, 2612-1, 3612, 3613-0)			106-093032	Insert (Ass'y's #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'y's #27488, #34097)	1
Ref.	094-049947	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)			106-093057	Insert (Ass'y's #27491, #34103)	1
Ref.	090-465327	Band Filing Ass'y (1612-3, 2612-2H, 2613-3, 3612-3, 6013-3)			106-093099	Insert (Ass'y's #27489, #34098)	1
Ref.	094-014388	Band Filing Ass'y (1613-3, 2612-2H, 2613-3, 3612-3, 6013-3)		12	106-093115	Insert (Ass'y's #27492, #34104)	1
Ref.	090-447814	Band Filing Ass'y (2613-2, 3613-2, 6013-2)			106-093081	File Guide (Ass'y's #27487, #34096)	1
Ref.	090-455973	Band Filing Ass'y (3613-2, 6013-2)		13	106-093040	File Guide (Ass'y's #27490, #34099)	1
4	090-274879	1/4" File Guide Ass'y (Ass'y's #44780, #404994, #44781)	1	14	106-093024	File Guide (Ass'y's #27488, #34097)	1
	090-274903	1/4" File Guide Ass'y (Ass'y's #111948, #132773, #45597)	1		106-093065	File Guide (Ass'y's #27491, #34103)	1
	090-340969	1/4" File Guide Ass'y (Ass'y's #48532)	1		106-093107	File Guide (Ass'y's #27489, #34098)	1
	090-340993	1/4" File Guide Ass'y (Ass'y's #401438)	1		106-093123	File Guide (Ass'y's #27492, #34104)	1
5	090-274887	3/8" File Guide Ass'y (Ass'y's #44780, #404994, #43781)	1		134-093137	Guide Plates (Not Shown) (Ass'y's #27490, #34099)	2
	090-274911	3/8" File Guide Ass'y (Ass'y's #111948, #132773, #45597)	1		134-094028	Pin (Not Shown) (Ass'y's #27490, #34099)	2
	090-340977	3/8" File Guide Ass'y (Ass'y's #48532)	1		090-013715	Adapter	1
	090-341033	3/8" File Guide Ass'y (Ass'y's #401438)	1	15	134-093129	File Guide Back-up (Ass'y's #44780, #111948, #132773, #404994, #44781, #45597)	1
6	090-274895	1/2" File Guide Ass'y (Ass'y's #44780, #404994, #44781)	1		091-109314	File Guide Back-up (Ass'y's #48532, #401438)	1
	090-274929	1/2" File Guide Ass'y (Ass'y's #111948, #132773, #45597)	1		134-090018	Screw Assembly	1
	090-340985	1/2" File Guide Ass'y (Ass'y's #48532)	1		090-038019	Head	1
	090-341041	1/2" File Guide Ass'y (Ass'y's #401438)	1	16	090-038027	Screw	1
7	090-274176	Bracket (Ass'y's #27487)	1		090-106279	Center Plate (Ass'y's #44780, #111948, #48532, #401438)	1
	090-274184	Bracket (Ass'y's #27490)	1		091-201285	Center Plate (Ass'y's #132773, #404994)	1
	090-340951	Bracket (Ass'y's #34096)	1	Ref.	091-069573	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)	
	090-340944	Bracket (Ass'y's #34099)	1		090-290230	Band Polishing Ass'y (1612-1, 1613-2, 1612-3, 3613-1, 3613-2, 3612-3)	
	090-274200	Bracket (Ass'y's #27488)	1	Ref.	090-274853	Band Polishing Ass'y (26-2, 60-2, 2612-2H, 2613-2, 6013-2)	
	090-274218	Bracket (Ass'y's #27491)	1	Ref.	090-274846	Band Polishing Ass'y (16-2, 16-3, 36-2, 36-3)	
	090-340936	Bracket (Ass'y's #34097)	1	Ref.	090-274861	Band Polishing Ass'y (26-3, 60-3, 2613-3, 6013-3)	
	090-340928	Bracket (Ass'y's #34103)	1	Ref.	091-069583	Band Polishing Ass'y (2612-1)	
	090-274192	Bracket (Ass'y's #27489)	1	17	090-166869	Band Polishing Sub-Ass'y (Ass'y's #106957, #29023, #27485, #27484, #106958)	1
	090-274226	Bracket (Ass'y's #27492)	1		090-274143	Band Polishing Sub-Ass'y (Ass'y's #27486)	1
	090-340910	Bracket (Ass'y's #34098)	1	18	091-986968	Screw, Fil. Hd. Mach. #10-24NC x 3/8	3
	090-340902	Bracket (Ass'y's #34104)	1			Bracket	1
8	106-093149	Washer (Ass'y's #27487, #27490, #34096, #34099)	2	19	090-274127	Backup Plate (Ass'y's #16686)	1
	106-093131	Washer (Ass'y's #27488, #27491, #34097, #34103, #27489, #27492, #34098, #34104)	2	20	133-099232	Backup Plate (Ass'y's #27414)	1
				21	134-105055	Backup Cloth	1
				22	134-104025	Guide Backup	1
				23	134-090018	Screw Assembly	1
					090-038019	Head	1
					090-038027	Screw	1
				24	090-013715	Adapter	1
					090-105701	Center Plate (Not Shown) (Ass'y's #106957, #106958)	1

REVISIONS
6-21-68 BW
SW. 10-27-69
SW. 5-3-78
SW 6-19-78

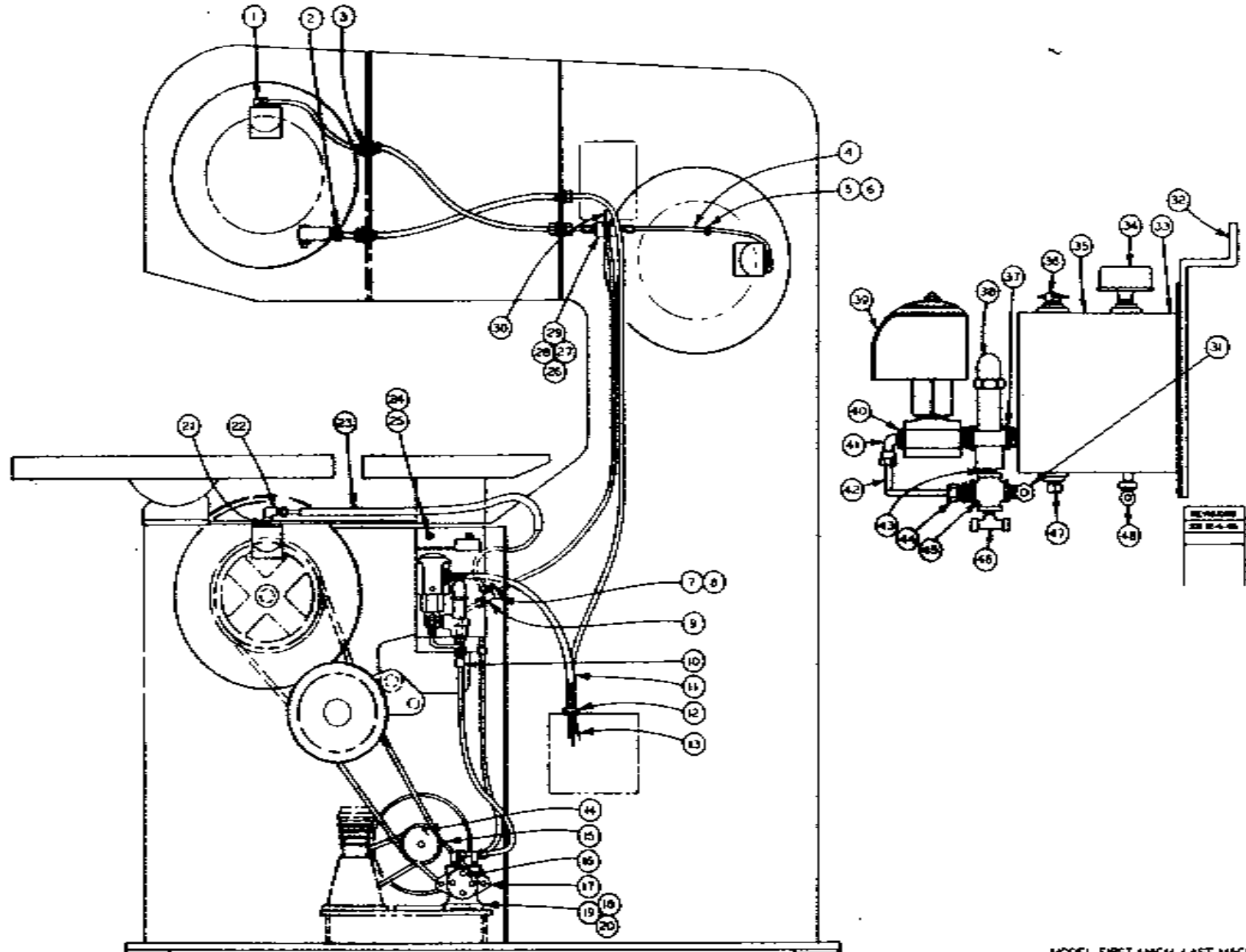


BAND TENSION INDICATOR ASSEMBLY

TENSION INDICATOR ASSEMBLY

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	090-455106	Tension Indicator Assembly (2612-2H & 2613-2)	
Ref.	090-455114	Tension Indicator Assembly (6013-2)	
Ref.	090-457169	Tension Indicator Assembly (3613-2, 3613-1, 3612-3, 3612-1H3, 3612-2H3)	
Ref.	090-457177	Tension Indicator Assembly (1612-X1, 1613-2, 1612-3, 1612-1)	
Ref.	090-404815	Tension Indicator Assembly (2612-H, 2612-I, 2612-1H, 2612-D, 2614-1, 2613-1H, 2612-1H3)	
1	091-019661	. Dial (2612-2H, 2613-2)	1
	091-020156	. Dial (6013-2)	1
	091-018051	. Dial (3613-2, 3612-3, 3613-1, 3612-1H3, 3612-2H3)	1
	091-018044	. Dial (1612-X1, 1613-2, 1612-3, 1612-1)	1
	091-219204	. Dial (2612-H, 2612-I, 2612-D, 2614-1, 2613-1H, 2612-1H3) ..	1
2	135-024719	. Case	1
3	091-988386	. Screw, Rd. Hd. Mach. 6-32NC x 1/4	4
4	090-039801	. Glass	1
5	091-988279	. Screw, Rd. Hd. Mach. 4-36 x 1/4	4
*6	090-071440	. Rack & Wire Sub-Assembly	1
7	091-115972	. Shaft	1
8	135-019743	. Cap	1
9	135-019735	. Spacer	1
10	135-024735	. Spur Gear	1
11	135-019701	. Bracket	1
12	091-984062	. Screw, Soc. Set 8-32NC x 1/4	1
13	091-119297	. Pointer	1
14	090-039777	. Ring	1
15	090-046442	. Bezel	1
16	090-039785	. Rubber Gasket	1
17	090-174780	. Bezel	1

*NOTE: Refer to Head Assembly for Casing Part Number.

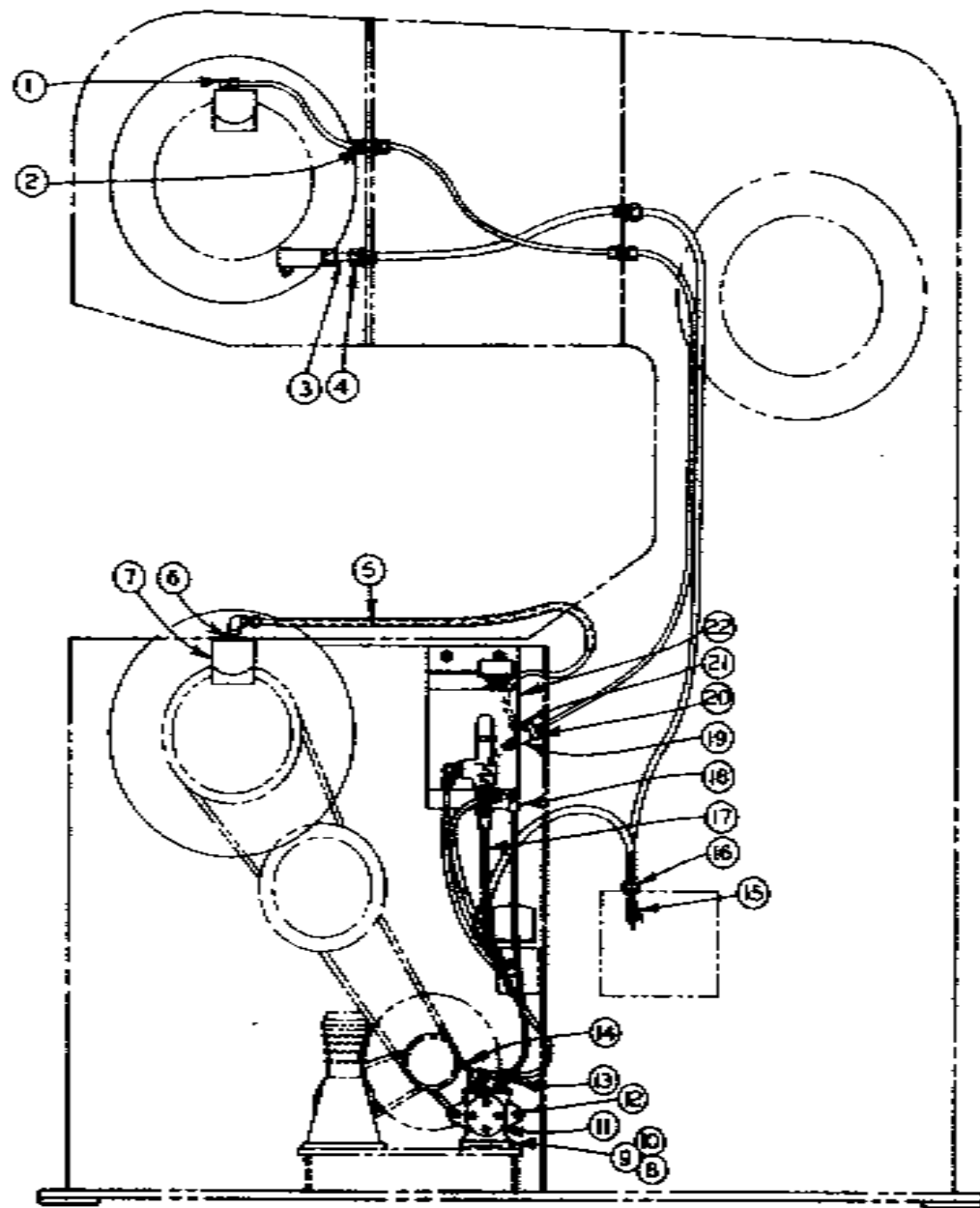
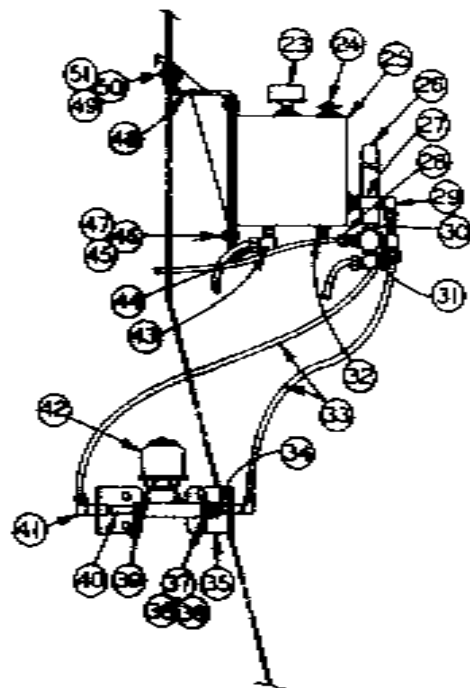


HYDRAULIC BRAKE ACCESSORY

MODEL FIRST MACH. LAST MACH.
3613-2 151-59101

HYDRAULIC BRAKE ASS'Y.

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
		1 2 3 4 5 6 7	
Ref.	55284	Hydraulic Brake Ass'y.	
1	106621	90° Male Elbow	2
2	10789	Cord Connector.	3
3	113600	Bulkhead Union.	2
4	Stk. #210	Nylon Tubing 1/4 O.D.	AR
5	16281	Nylon Clamp	1
6	Comm.	Screw, Self-Tap #8-32NC x 1/2"	1
7	16559	Tubing Clamp	1
8	Comm.	Screw, Rd. Hd. Mach. #10-24NC x 3/8"	1
9	113603	Tee Union	1
10	1407	90° Male Elbow	3
11	Stk #799	Electric Cord.	AR
12	19508-A	Connector Auto Flex	2
13	Stk #734	Stranded Wire #14 Red.	AR
14	30278	Pulley	1
15	5209	Belt "Gates 2190"	1
16	2052	Pulley	1
17	11876	Pump	1
18	Comm.	Hex Nut 5/16-18NC	8
19	Comm.	Screw, Hex Hd. Cap 5/16-18NC x 1"	2
20	Comm.	Washer 5/16 Std.	2
21	14-805	Nipple Std. Pipe	3
22	113608	90° Elbow - Female	3
23	Stk. #007	Rubber Hose	AR
24	Comm.	Washer, Lock 5/16 Std.	21
25	Comm.	Screw, Hex Hd. Cap 5/16-18NC x 5/8	4
26	12084	Manifold	1
27	Comm.	Screw, Hex Hd. Cap 1/4-20NC x 1 1/4	2
28	Comm.	Washer, Lock 1/4 Std.	2
29	Comm.	Nut, Hex 1/4-20NC	2
30	35-3647	90° Str. Elbow	2
31	1400	Male Connector.	3
32	48409	Bracket	1
33	401923	Hyd. Tank & Valve Ass'y.	1
34	5-11310	Breather	1
35	40329	Tank Ass'y.	1
36	21212	Dip Stick Sub-Ass'y.	1
37	35-2474	Tee	1
38	123653	Relief Valve.	1
39	122533	Sol. Valve 110-120 50/60HZ.	USE ONE
	122534	Sol. Valve 220-440 50/60HZ.	
	122535	Sol. Valve 440-480 50/60HZ.	
40	35-3506	Reducer	2
41	1407	90° Male Elbow	2
42	Stk. #210	Nylon Tubing 1/4 O.D.	AR
43	14-03507	Close Nipple	4
44	3072	Male Connector	1
45	35-850	Pipe Cross	1
46	113590	Male Branch Tee	1
47	6-33516	Plug	1
48	113608	90° Female Ell.	1
	1546	45 Street Elbow (NOT SHOWN)	1

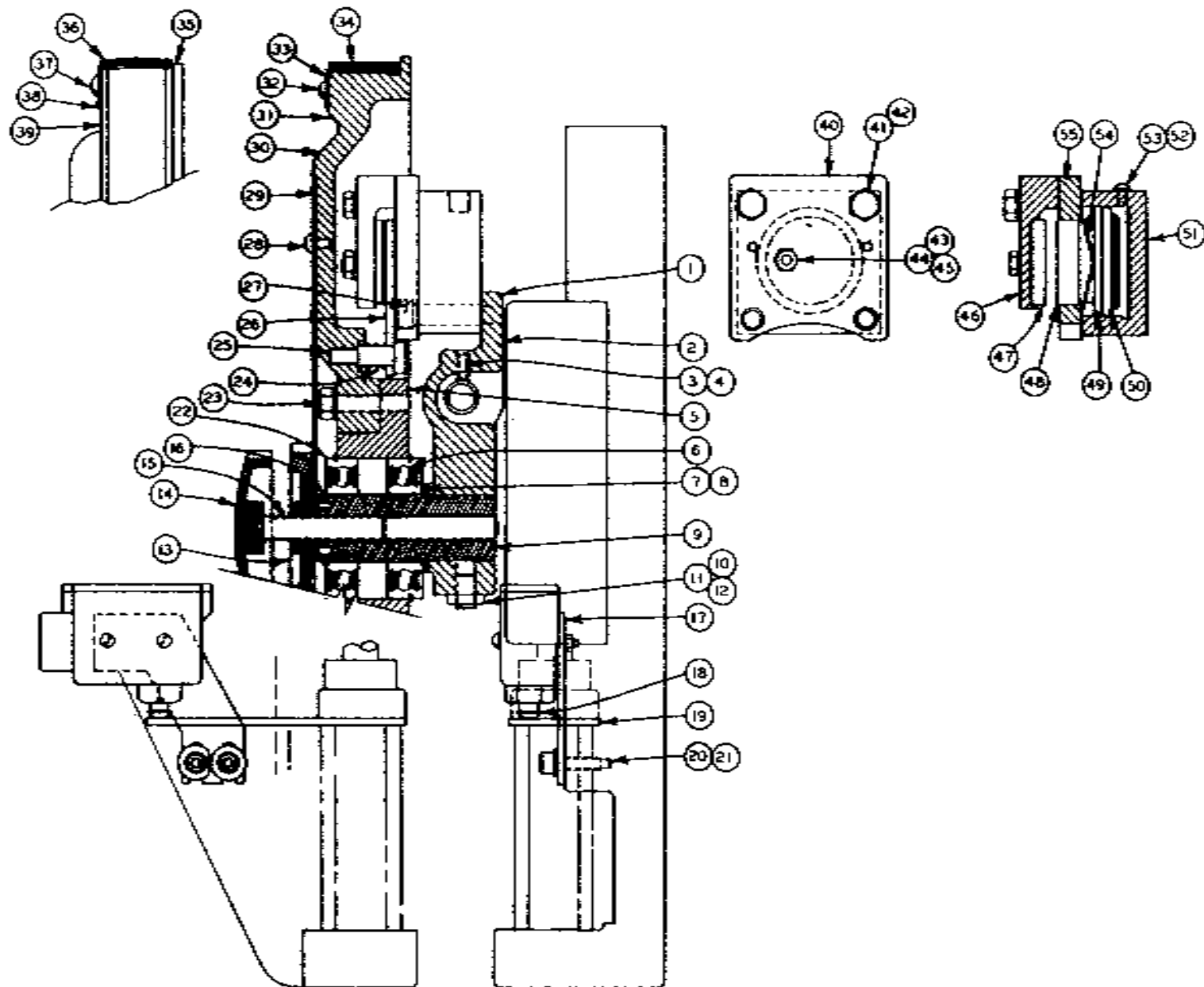
TWO WHEEL
HYDRAULIC BRAKE ASSEMBLY

HYD. TANK AND VALVE DETAIL

MODEL FIRST MACH LAST MACH
3013-2 151-55701

HYDRAULIC BRAKE ASS'Y

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	555284	Hydraulic Brake Ass'y (Two Wheels)	
1	10662T	90° Male Elbow	1
2	113600	Bulkhead Union	2
3	Sik #799	Elect. Cord	A.R.
4	10789	Cord Connector	3
5	Sik #007	Rubber Hose 1/2 O.D. x 3/8 I.D.	A.R.
6	14-603	Nipple Std. Pipe 1/8 x 1"	2
7	1491	Brake Cylinder Ass'y (See Detail)	2
8	Comm.	Screw, Hex. Hd. Cap 5/16-18NC x 1"	2
9	Comm.	Washer 5/16 Std.	2
10	Comm.	Nut, Hex. 5/16-18NC	2
11	2052	Pulley (Hyd. Pump) Not Shown	1
12	11876	Pump Hyd.	1
13	1407	90° Male Elbow	3
14	5209	Belr 19" OC Gates 2190	1
15	Sik #734	Stranded Wire #14 Red	A.R.
16	19508A	Connector Auto Flex	2
17	Sik #210	Nylon Tubing 1/4 O.D. x 1.91 I.D.	A.R.
18	113608	90° Elbow Female	3
19	113603	Tee Union	1
20	16559	Tube Clamp	1
21	Comm.	Screw, Rd. Hd. Mach. #10-24NC x 3/8	1
22	5404080	Hyd. Tank and Valve Ass'y (See Detail)	1
23	5-11510	Breather	1
24	21212	Dip Stick Sub Ass'y	1
25	40329	Tank Ass'y	1
26	123651	Relief Valve	1
27	35-2474	Tee	1
28	3072	Male Connector	1
29	107108	90° Male Elbow	2
30	10224	Close Nipple	3
31	35-850	Pipe Cross	1
32	6-3351B	Plug 3/8 NPT	1
	2333	Pipe Cap 1/8 NPTF (Not Shown)	1
	122748	Plug 1/4 NPTF (Not Shown)	1
33	Sik #211	Nylon Press. Tubing 3/8 O.D.	A.R.
34	10224	Pipe Nipple 1/4 NPT x 1"	1
35	26275	Bracket Ass'y	2
36	Comm.	Screw, Fl. Hd. Cap 1/4-20NC x 3/4	4
37	Comm.	Washer, Lock 1/4 Std.	4
38	Comm.	Nut, Hex 1/4-20NC	4
39	35-3506	Reducer Bushing	2
40	107768	Pipe Nipple	1
41	107108	90° Male Elbow	2
42	122533	Sol. Valve 110/120V. 50/60 HZ.	Use
	122534	Sol. Valve 220/240V. 50/60 HZ.	
	122535	Sol. Valve 440/480V. 50/60 HZ.	One
43	35-3647	90° Str. Elbow 1/8 NPT	2
44	1400	Male Connector	2
45	Comm.	Screw, Hex. Hd. Cap 5/16-18NC x 5/8"	4
46	Comm.	Washer, Lock 5/16 Std.	4
47	Comm.	Nut, Hex. 5/16-18NC	4
48	548409	Bracket	1
49	Comm.	Screw, Hex. Hd. Cap 3/8-16NC x 1"	2
50	Comm.	Nut, Hex. 3/8-16NC	2
51	Comm.	Washer, Lock 3/8 Std.	2

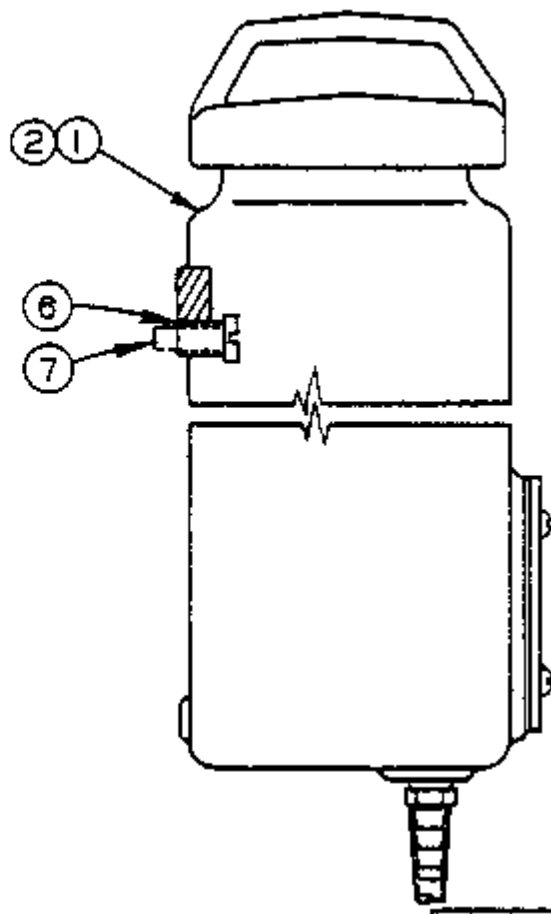
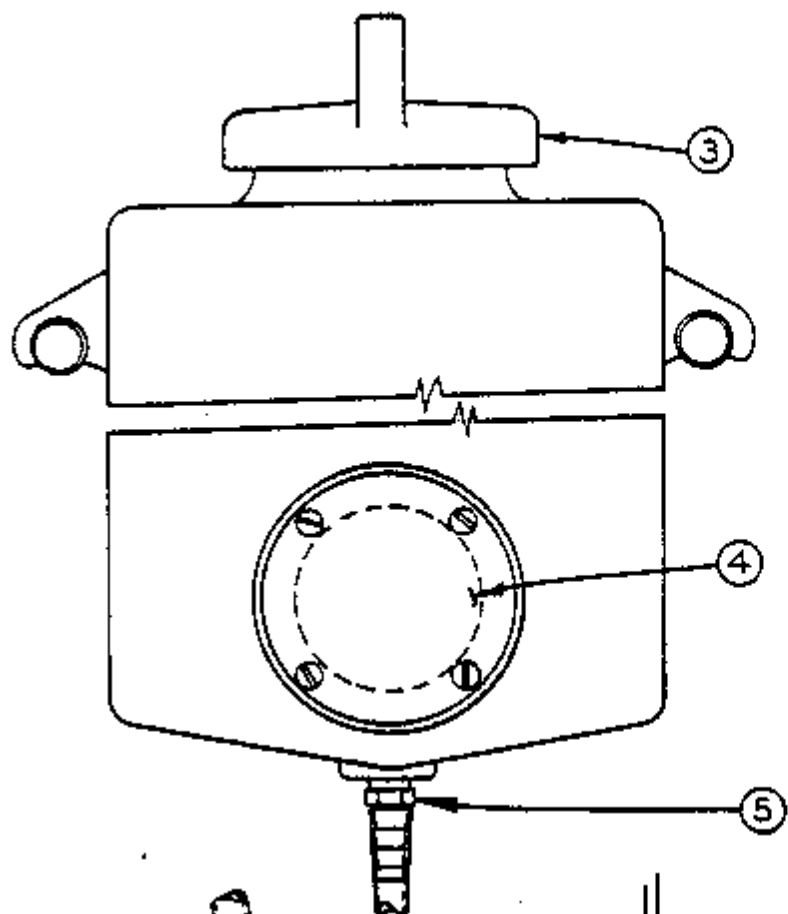


HYDRAULIC BRAKE ACCESSORY

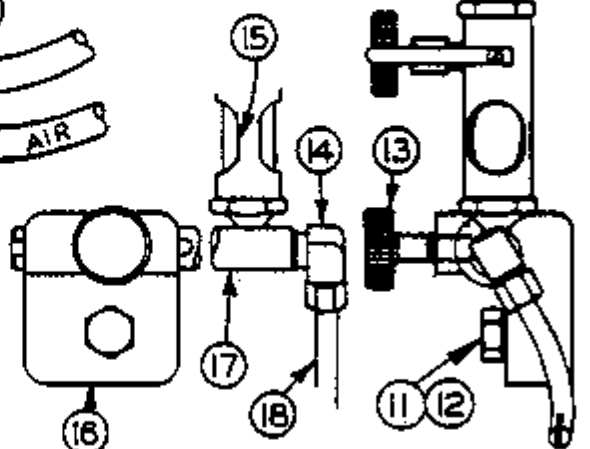
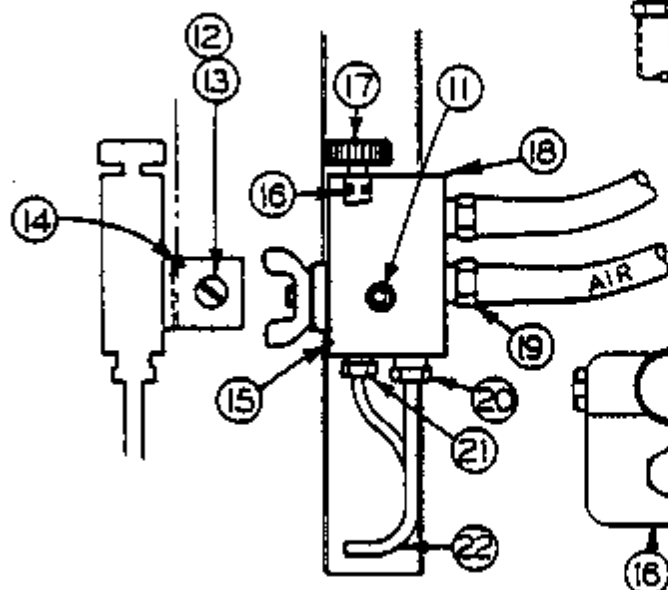
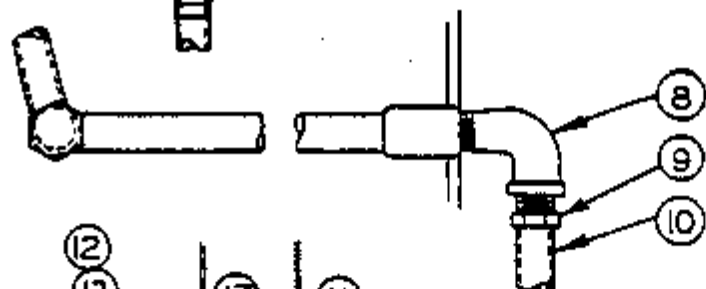
MODEL	FIRST MACH	LAST MACH
3613-2	151-59101	
3612-3	153-59101	
1613-2	150-59101	
1612-3	152-59101	

HYDRAULIC BRAKE ASS'Y. CONT.

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
		1 2 3 4 5 6 7	
Ref.		Hyd. Brake Ass'y. Cont.	
1	28946	Wheel Hinge Ass'y.	1
2	29711	Wheel Hinge	1
3	Comm.	Set Screw, Cup Pt. 1/4-20NC x 3/16"	1
4	Comm.	Set Screw, Soc. Set Half Dog Pt. 1/4-20NC x 3/8"	1
5	27016	Hub	1
6	18538	Bearing	2
7	13407	Spacer	1
8	17827	Spacer	1
9	16408	Wheel Axis Stud.	1
10	35-8578	Insert	1
11	Comm.	Set Screw, Soc. 3/8-16NC x 3/4"	1
12	Comm.	Nut, Jam 3/8-16NC	1
13	16638	Tilt Lock Knob	1
14	5-01108	Tilt Knob	1
15	5-01425	Tilt Screw	1
16	35-7596	Ret. Ring	1
17	102539	Switch Plate	1
18	35-9488	Micro Switch	1
19	102540	Rod Anchor Ass'y.	1
20	Comm.	Screw, Soc. Hd. Cap 1/4-20NC x 7/8"	2
21	Comm.	Washer 1/4 Std.	2
22	27438	Transmission Hub	1
23	Comm.	Screw, Hex Hd. Cap 5/16-18NC x 1 1/4"	5
24	1790	Spring	4
25	103808	Screw, Shoulder	4
26	29710	Brake Disc	1
27	Comm.	Screw, Soc. Hd. Cap 5/16-18NC x 1 1/2"	2
28	Comm.	Screw, Rd. Hd. Mach. 1/4-20NC x 1/4"	3
29	18581	Cover	1
30	500184	Tapered Wheel & Tire Ass'y.	3
31	500163	Wheel	1
32	Comm.	Truss, Hd. Mach. Scr. #10-24NC x 3/8"	22
33	4675	Retainer	2
34	27437	Tire	1
35	29887	Crown Wheel Ass'y.	1
36	24939	Tire Ass'y.	1
37	Comm.	Screw, Ov. Hd. Mach. #10-24NC x 3/4"	4
38	4675	Retainer	2
39	55229	Wheel	1
40	1491	Brake Cylinder Ass'y.	3
41	Comm.	Screw, Hex Hd. Cap 5/16-18NC x 1 1/2"	2
42	Comm.	Washer, Lock 5/16 Std.	2
43	Comm.	Screw, Ft. Hd. Mach. # 10-24NC x 1/2	1
44	Comm.	Washer, Lock #10	1
45	Comm.	Nut, Hex Jam #10-24NC	1
46	1440	Housing	1
47	1439	Friction Disc	1
48	1438	Friction Disc	1
49	1434	Piston	1
50	1432	O-Ring	1
51	12989	Cylinder	1
52	Comm.	Screw, Rd. Hd. Mach. #10-24NC x 1/4	2
53	1435	Washer, Copper	2
54	12251	Disc Spring	1
55	1436	Plate	1



REVISIONS
SW 5-18-88
SW 12-2-78



SPRAY LUBRICATOR ASS'Y.

DRIP LUBRICATOR ASS'Y.

COOLANT ASSEMBLIES

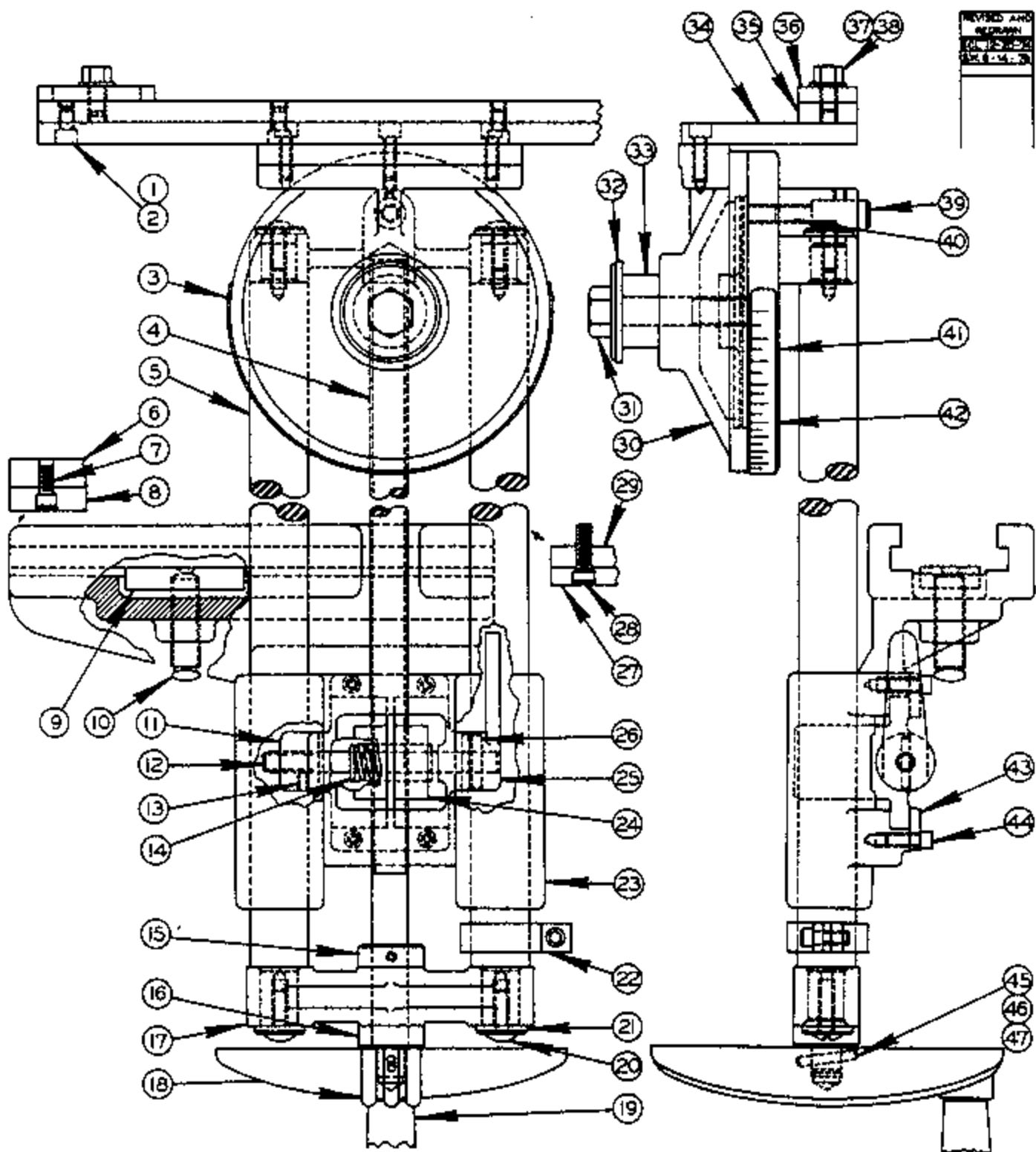
NOTE: STANDARD ATTACH ON ALL 1 & 2 MODELS SINCE 1959

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C-10-31, Z-10-15

LUBRICATOR ASSEMBLY

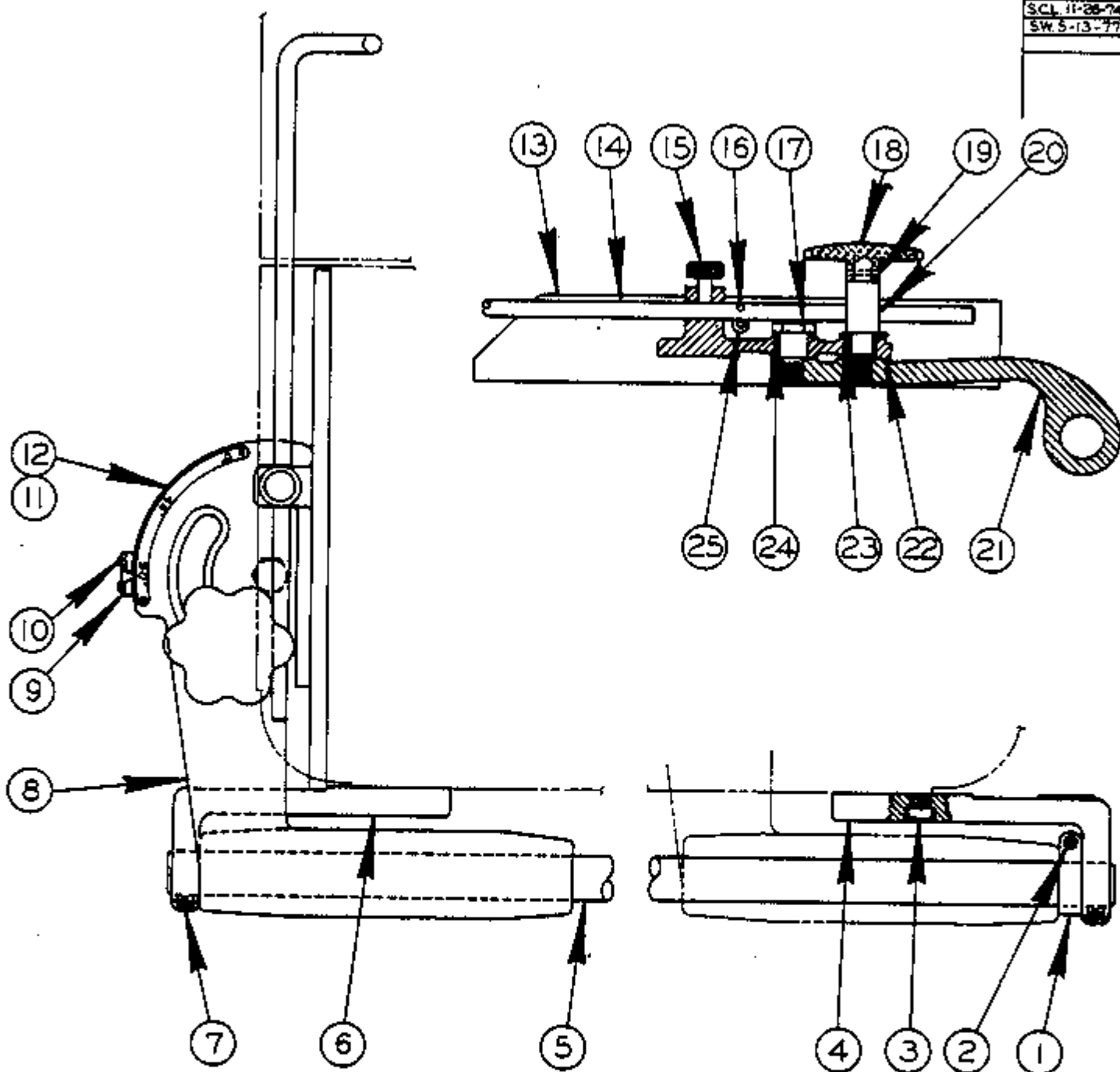
INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	090-552282	Spray Lubricator(1612-1, 2612-1 & 3613-1)	
Ref.	090-549551	Spray Lubricator(1613-2, 3613-2)	
Ref.	090-549585	Spray Lubricator(2613-2, 6013-2)	
Ref.	090-550344	Spray Lubricator(2613-2 3 Speed Machines Only)	
Ref.	090-598970	Mist Coolant Assembly (1613-2, 3613-2)	
1	090-457078	• Coolant Tank Assembly	1
2	090-548918	• Tank Weldment	1
3	090-293072	• Cap	1
4	091-086553	• Window	1
5	090-160011	• Barbed Insert	1
6	091-018762	• Spacer	2
7	091-990234	• Screw, Truss Hd. Mach. 1/4-20NC x 3/4	2
8	105-045207	• Street Elbow	2
9	090-160011	• Barbed Insert	A.R.
10	091-971382	• Plastic Tube 3/8" O.D.	A.R.
11	091-982215	• Screw, Soc. Hd. Cap 10-24NC x 5/8	1
12	091-999038	• Screw, Rd. Hd. Mach. 1/4-28NF x 3/8	1
13	091-993212	• Washer, Lock 1/4"	1
14	091-024430	• Bracket	1
	091-023309	• Bracket (For 2613-2 with 3 Speeds)	1
	091-024638	• Bracket (For 2613-2 with 3 Speeds)	1
15	091-025379	• Manifold Assembly(1612-1, 2612-1, 3613-1, 1613-2, 3613-2)	Use
	091-025387	• Manifold Assembly(2613-2, 6013-2)	
	091-023671	• Manifold Assembly(2613-2 3 Speeds)	
	090-383023	• Coolant Manifold Assembly(Use on #090-598970)	
	090-383043	• Coolant Manifold Assembly(Use on #090-598970)(Extra Work Height)	One
16	090-030198	• "O"-Ring	1
17	091-019455	• Needle Screw	1
18	090-277409	• Manifold	1
19	090-160011	• Barbed Insert	2
20	135-068971	• Compression Bushing (Used on Manifold Assemblys #091-025379 & #091-025387)	1
	090-148233	• Compression Bushing(Used on Manifold Assembly #091-023671)	1
	090-144460	• Sleeve(Used on Manifold Assembly's #091-025379 & #091-025387)	1
	135-068963	• Sleeve (Used on Manifold Assembly#091-023671)	1
21	135-068997	• Compression Bushing	1
	090-148253	• Sleeve (Used on Manifold Assembly #091-025379)	1
	135-068989	• Sleeve (Used on Manifold Assembly #091-025387 & #091-023671)	1
22	091-023689	• Tube Assembly (Used on Assembly #091-025379)	1
	091-023200	• Liquid Tube	1
	091-024448	• Air Tube	1
	091-024570	• Tube Assembly (Used on Assembly #091-025387)	1
	091-024596	• Liquid Tube	1
	091-024588	• Air Tube	1
	091-024604	• Tube Assembly (Used with Assembly #091-023671)	1
	091-024612	• Liquid Tube	1
	091-024620	• Air Tube	1
	090-179029	• Hose Clamps (Not Shown)	A.R.
	091-970962	• Air Hose 5/8" O.D. x 3/8" I.D. (Not Shown)	A.R.
Ref.	090-549528	Saw Lubricator (Drip) (1612-1, 2612-1, 3613-1, 1613-2, 3613-2)	
Ref.	090-549577	Saw Lubricator (Drip)(2613-2, 6013-2)	
1	090-457078	• Coolant Tank Assembly	1
2	090-548918	• Tank Weldment	1
3	090-293072	• Cap	1
4	091-086553	• Window	1
5	090-160011	• Barbed Insert	1
6	091-018762	• Spacer	2
7	091-990234	• Screw, Truss Hd. Mach. 1/4-20NC x 3/4	2
8	105-045207	• Street Elbow	2
9	090-160011	• Barbed Insert	A.R.
10	090-108960	• Plastic Tube	A.R.
11	091-980268	• Screw, Hex. Hd. Cap 5/16-18NC x 5/8	1
12	091-993238	• Washer, Lock 5/16" Std.	1
13	134-174010	• Thumbcrew	1
14	091-140632	• Connector	1
15	105-275077	• Sight Feed Valve	1
16	105-271027	• Post Holder	1
17	105-274039	• Adjustable Slide Rod(Used on Assembly#090-549528)	1
	090-109393	• Adjustable Slide Rod(Used on Assembly#090-549577)	1
18	105-273015	• Tube	1
	090-195090	• Jiffy Strap	1
	090-296138	• Lubricator Sub-Assembly	1



ALL PURPOSE MITRE ATTACHMENT ASSEMBLY

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

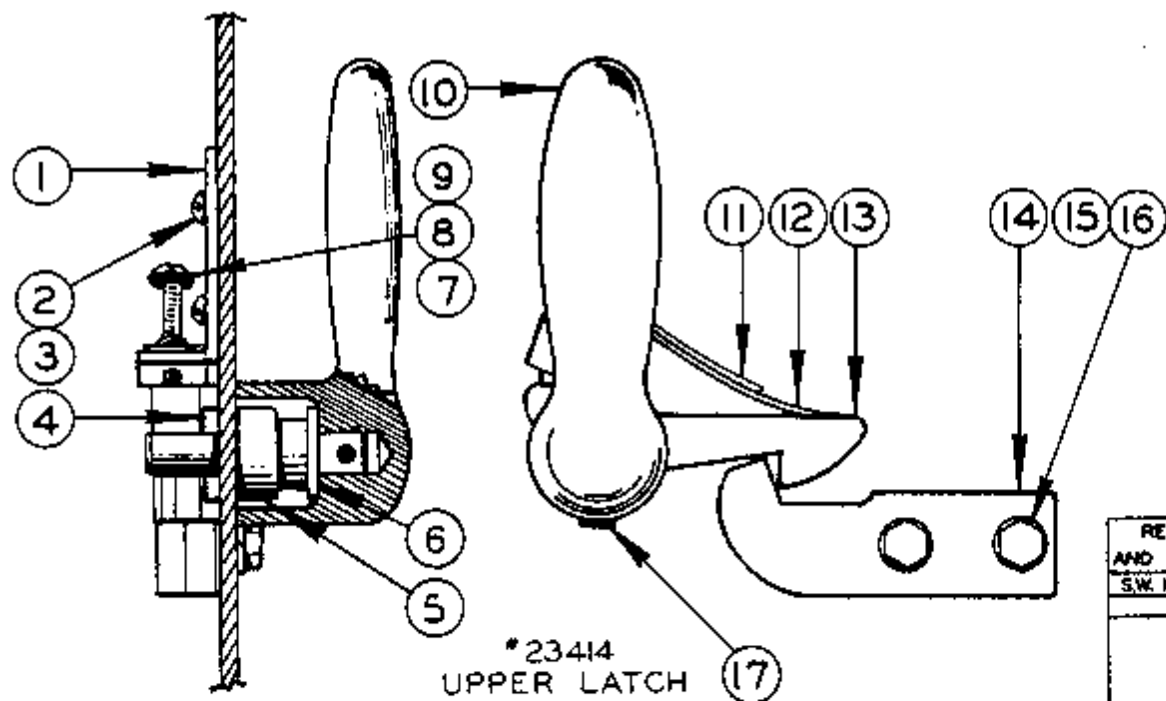
INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	090-504937	No. 1 All Purpose Cut-off, Ripping & Mitering Attachment(24 x 24 Table)	
Ref.	111-280046	No. 1 All Purpose Cut-off, Ripping & Mitering Attachment(30 x 30 Table)	
Ref.	135-054278	No. 1 All Purpose Cut-off, Ripping & Mitering Attachment(36 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



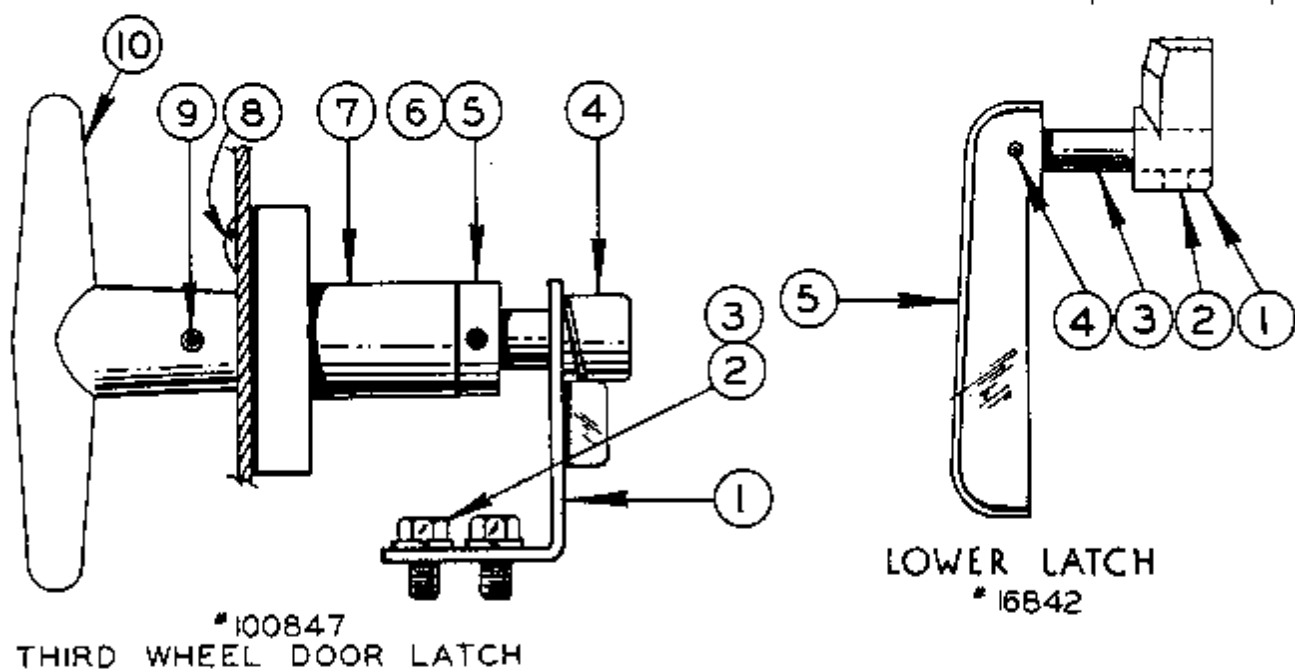
NO. 2
STANDARD CUT-OFF & MITERING ATTACHMENT
(SIDE MOUNT)

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	091-982768	Screw, Soc. Hd. Cap, 3/8-16NC x 1/2" (20" & 30" Tables)	4
	091-982785	Screw, Soc. Hd. Cap, 3/8-16NC x 3/4" (24" & 26" Tables)	4
4	090-036823	Rear Slide Rod Bracket (20" Table)	1
	090-295833	Rear Slide Rod Bracket (24", 26", & 30" Tables)	1
5	103-204061	Slide Rod (20" Table)	1
	104-204011	Slide Rod (24" Table)	1
	091-019356	Slide Rod (26" Table)	1
	091-019316	Slide Rod (30" Table)	1
6	090-036815	Front Slide Rod Bracket (20" Table)	1
	090-295841	Front Slide Rod Bracket (24", 26", & 30" Table)	1
7	091-984237	Screw, Soc. Hd. Set 1/4-20NC x 5/16"	2
8	090-507112	Miter Attachment Sub-Assembly (20" Table)	1
	090-507104	Miter Attachment Sub-Assembly (24" Table)	1
	090-553041	Miter Attachment Sub-Assembly (26" Table)	1
	090-507120	Miter Attachment Sub-Assembly (30" Table)	1
9	090-036766	Pointer	1
10	091-990086	Screw, Over 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



REVISED
AND REDRAWN
S.W. 11-18-78



MODEL	FIRST MACH.	LAST MACH.
1612-1	148-59101	148-731539
1613-2	150-59101	150-75655
1612-3	152-59101	152-751144
3613-1	149-59101	149-73708
3613-2	151-59101	151-756083
3612-3	153-59101	153-781249
3612-1H3	358-78101	

DOOR LATCH ASSEMBLIES

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	090-234147	Upper Door Latch Assembly	
1	090-083593	. Bracket	2
2	091-988519	. Screw, Rd. Hd. Mach. 8-32NC x 1/4.....	4
3	091-993717	. Washer, Lock Shakeproof External #8 Std.	4
4	105-014062	. Door Latch Bushing	1
5	090-089814	. Nut, Hex. 5/8-11NC	1
6	091-992644	. Washer, Flat SAE 3/8	1
7	091-988592	. Screw, Rd. Hd. Mach. 8-32NC x 1.....	2
8	091-993188	. Washer, Lock Spring #8 Med.	2
9	091-991091	. Nut, Jam 8-32NC	2
10	090-234139	. Upper Door Handle Sub-Assembly	1
11	091-452201	. Spring	1
12	091-452193	. Spring	1
13	134-011055	. Upper Door Latch	1
14	090-065574	. Door Latch Hook	1
15	091-980060	. Screw, Hex. Hd. Cap 1/4-20NC x 1/2	2
16	091-993212	. Washer, Lock 1/4"	2
17	091-984252	. Screw, Soc. Set 1/4-20NC x 1/2	1
Ref.	090-168428	Lower Door Latch	
1	105-021018	. Door Latch	1
2	091-984229	. Screw, Soc. Set 1/4-20NC x 1/4	1
3	134-014109	. Pivot Pin	1
4	090-042292	. Roll Pin	1
5	134-011048	. Handle	1
Ref.	091-008474	Third Wheel Door Latch	
1	090-094673	. Latch Bracket	1
2	091-980060	. Screw, Hex. Hd. Cap 1/4-20NC x 1/2.....	2
3	091-993212	. Washer, Lock 1/4" Std.	2
4	090-094681	. Latch Sub-Assembly	1
5	134-054105	. Collar	1
6	091-984229	. Screw, Soc. Set 1/4-20NC x 1/4	2
7	111-011037	. Door Latch Bearing	1
8	091-990200	. Screw, Truss Hd. Mach. 1/4-20NC x 1/2	3
9	090-042573	. Rollpin	2
10	090-062738	. Door Handle	1

1-TAPER WHEEL ASSY---44579

1-TIRE & RIM ASSY---27437

2-RETAINER---4675

1-WHEEL---44638

1-ESCUTCHEON---17298

(NOT SHOWN)

1-CROWN WHEEL ASSY---44577

1-TIRE & RIM ASSY---24939

2-RETAINER---4675

1-WHEEL---44578

3-ADJUSTING SCREW---5956

3-OILITE BUSHING---7351

1-BRACKET---51992

1-ARM---42351

1-SPACER---8884

34-05410-COLLAR---1

4259-ROLLPIN---2

9971-MITER GEAR---2

6175-TRUNNION PIN---1

7979-SPACER---1

5-1341C-STOPNUT---4

22141-SCREW---1

1-TAPER WHEEL ASSY---44579

(MODELS 1612-3, 3612-3)

(SEE DETAIL ABOVE)

1-CROWN WHEEL ASSY---44577

(MODELS 1613-2, 3613-2)

(SEE DETAIL ABOVE)

SEE TRANSMISSION
PAGE FOR SHIFTER DETAIL

1-WOODRUFF KEY---5-04604

1-LOCKNUT---4335

1-WASHER---35-9643

1-HUB---27436

1-BEARING---5-05104

1-HANDWHEEL ASSY---21648

1-ROLLPIN---4259

1-HANDLE---3408

1-HANDWHEEL---400033

1-SHAFT---5205

9604-CAULKING COMPOUND---45

50186-TRANSMISSION ASSY

(SEE TRANSMISSION PAGE DETAIL)

42137-TRANSMISSION PULLEY---1

5206-LOCKNUT---1

2823-SCREW---3

4259-ROLLPIN---3

35-2306-VARI-SPEED BELT---1

35-9335-VARIABLE ASSY---1

(SEE VARIABLE PAGE DETAIL)

NOT SHOWN:

35-7815-ADJ SCR---3

1-VARIABLE HANGER ASSY---42352

1-STEEL COLLAR---6163

1-GEAR BRACKET---41450

1-STUD---8885

2-RETAINING RING---35-7555

(SEE DETAIL ABOVE FOR REST OF PARTS)

1-MOTOR PULLEY (3613-2, 1613-2)---28807

1-MOTOR PULLEY (3612-3, 1612-3)---25317

1-MOTOR---16813

(MODELS 1612-3, 3612-3)

1-MOTOR---16812

(MODELS 1613-2, 3613-2)

2-CONNECTOR---9508-D

1-CONDUIT---19517

1-BASE PLATE---44887

1-STUD---1/2-13UNC-6-35-8765

1-STUD---1/2-13UNC-6-35-8765

1-SPRING---1/2-13UNC-6-35-8765

1-SPRING---1/2-13UNC-6-35-8765

2878-VARI-SPEED BELT---1

(MODELS 1612-3, 3612-3)

9084-VARI-SPEED BELT---1

(MODELS 1613-2, 3613-2)

22792-AIR PUMP ASSY---1

(SEE AIR PUMP PAGE DETAIL)

5-11502-BELT---1

17725-SPACER---1

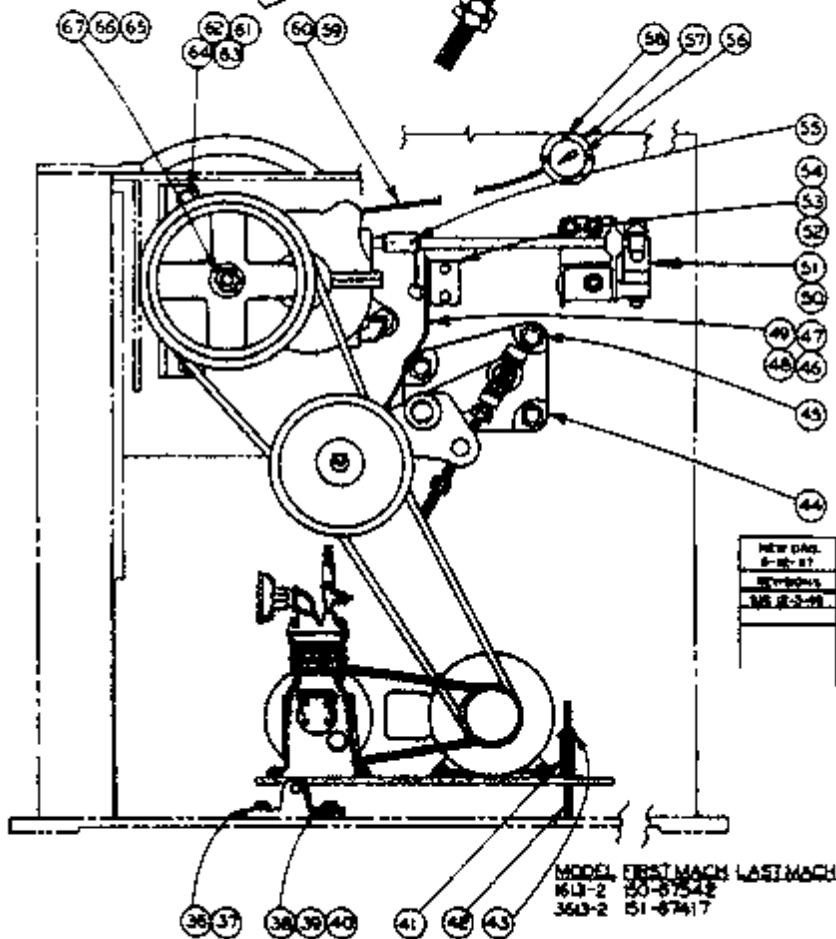
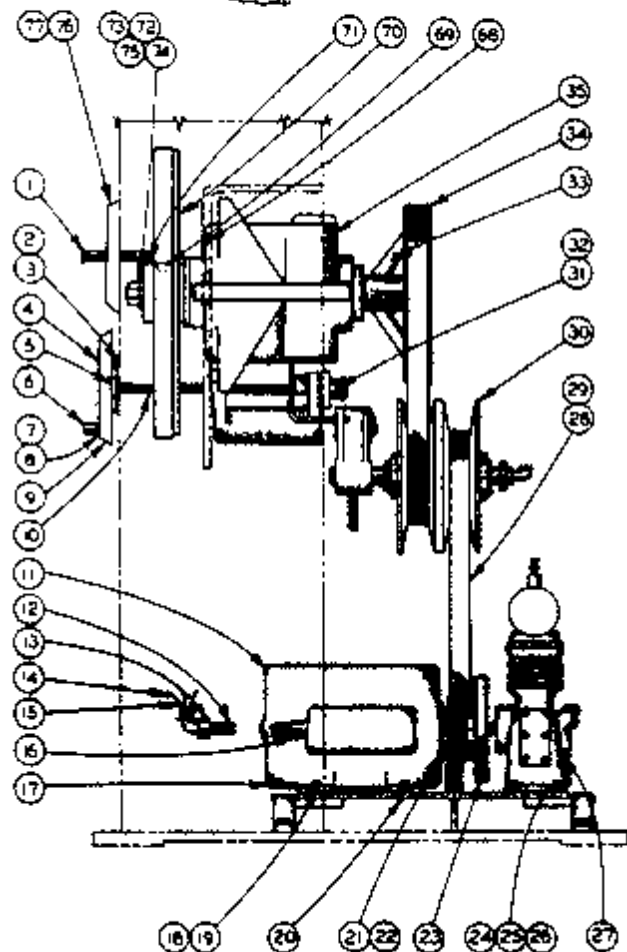
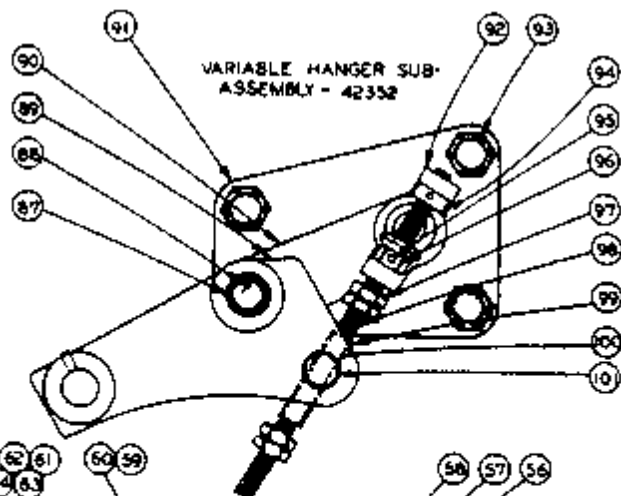
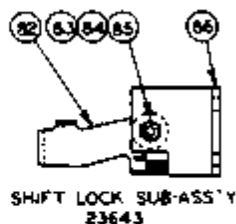
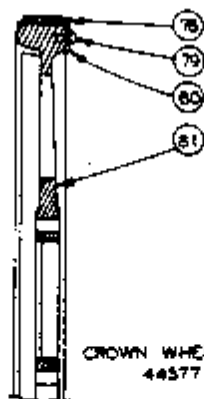
22038-HINGE---2

NOTE: FOR COMPLETE DRIVE
ASSY. ORDER #45499 FOR
1613-2 & 3613-2 AND #45500
FOR 1612-3 & 3612-3.

DRIVE ASSEMBLY

C-5-9
B-11

MODEL	FIRST MACHINE	LAST MACHINE
1613-2	150-59101	150-57541
3613-2	151-59101	151-57541
1612-3	152-59101	152-57542



49907 & 49908
DRIVE ASSEMBLY

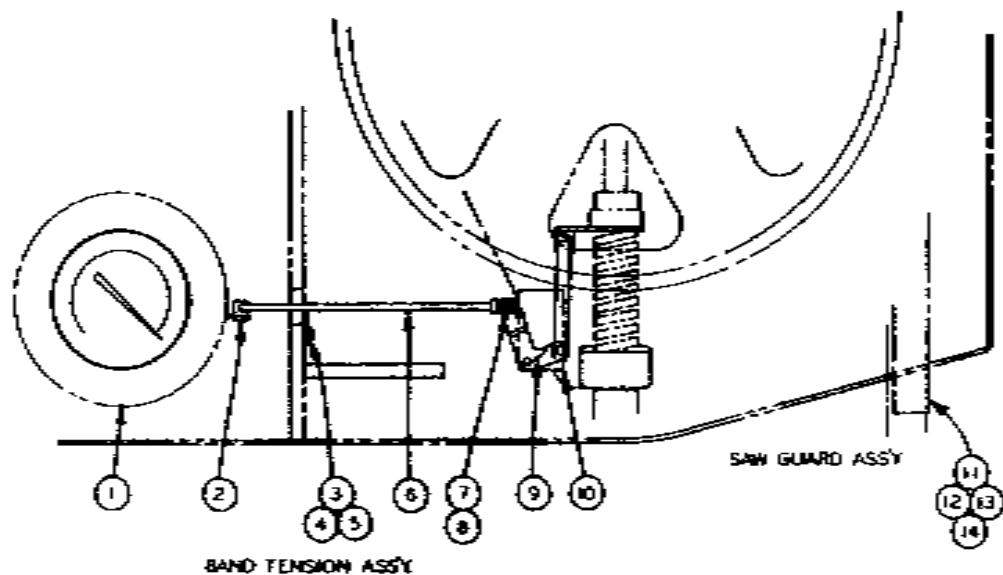
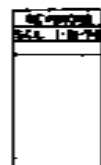
C-5-45

MODEL FIRST MACH LAST MACH
1613-2 50-57542
3613-2 51-67417

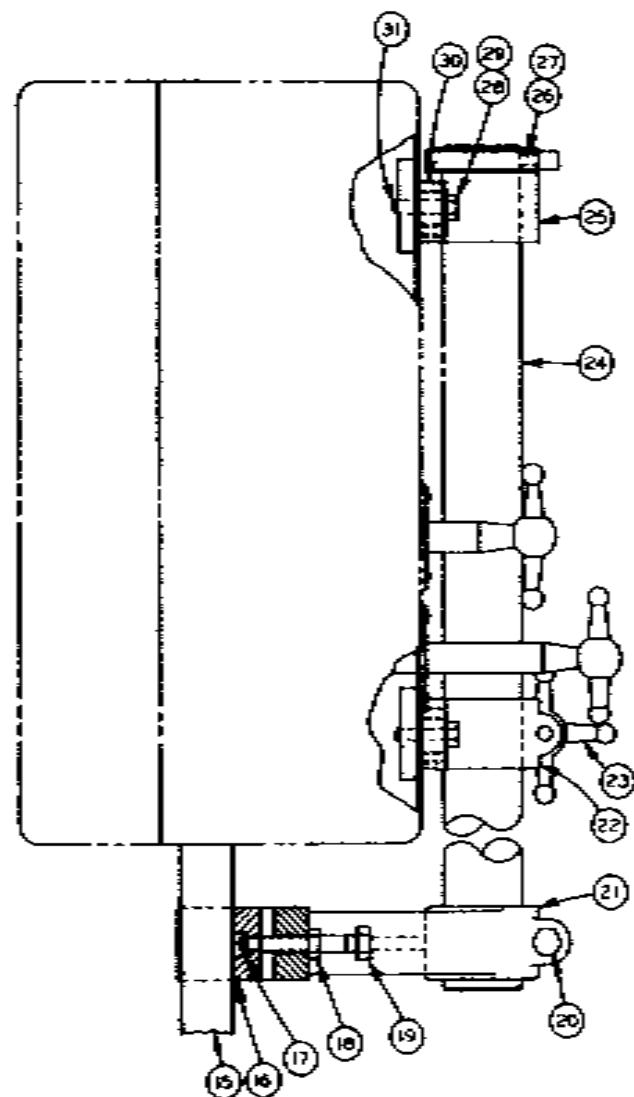
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DRIVE ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y	INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y
1 2 3 4				1 2 3 4			
Ref.	49907	Drive Ass'y (For 1613-2)	49	Comm.		Cotter Pin 3/32 x 3/8" 2	
Ref.	49908	Drive Ass'y (For 3613-2)	50	23644		Gear Shift (See Detail) 1	
1	34-13508	Shift Knob 1	51	Comm.		Scr., Hex. Hd. Cap 3/8-16NC x 2-1/8" 3	
2	5-05104	Handwheel Bearing 1	52	23643		Shift Lock Sub-Ass'y. (See Detail) 1	
3	Comm.	Scr., Rd. Hd. Mach. 1-20NC x 3/8" 3	53	Comm.		Scr., Hex. Hd. Cap 3/8-16NC x 3/4" 2	
4	21648	Handwheel Sub-Ass'y 1	54	5217		Spring 1	
5	4259	Roll Pin 1	55	Comm.		Scr., Soc. Set 5-20NC x 1/4" 1	
6	116441	Handle 1	56	21095		Speed Indicator Hd. 1	
7	115632	Washer 1	57	17478		Speed Indicator Bazel 1	
8	116442	Scr., Soc. Hd. Cap 1	58	Comm.		Scr., Rd. Hd. Mach. #10-24NC x 5/8" 4	
9	40DD33	Handwheel 1	59	10210		Speedometer Cable Ass'y 1	
10	5205	Shaft 1	60	7832		Cable Key 1	
11	36221	Motor & Pumps Sub-Ass'y (For 1613-2) 1	61	2823		Screw 3	
	36222	Motor & Pumps Sub-Ass'y (For 3613-2) 1	62	Comm.		Nut, Hex. Jam 7/8-14NF 3	
12	19517	Conduit 1	63	Comm.		Scr., Hex. Hd. Cap. 3	
13	19508-B	Connector (For 1613-2) 1	64	Comm.		Washer, Lock 1/2 Std. 3	
	19508-0	Connector (For 3613-2) 1	65	5206		Nut, Lock 1	
14	Stk.	Wire Marker AR	66	Comm.		Washer 5/8 Std. 1	
15	Stk. #731	Stranded Wire 3	67	5-32515		Woodruff Key 1	
16	19508-B	Connector (For 3613-2 Only) 1	68	9604		Caulking Compound. AR	
17	116070	Electric Motor (60 Cycle Only) 1	69	5-04604		Woodruff Key 1	
	116103	Electric Motor (50 Cycle Only) 1	70	44577		Crown Wheel Ass'y (See Detail) 1	
18	Comm.	Scr., Hex. Hd. Cap. 3/8-16NC x 1-1/8" 4	71	27436		Hub 1	
19	Comm.	Washer, Lock 3/8 Std. 4	72	Comm.		Scr., Hex. Hd. Cap 5/16-18NC x 1-1/4" 3	
20	40192D	Motor Plate Weldment 1	73	Comm.		Washer, Lock 5/16 Spring 3	
21	Comm.	Scr., Hex Hd Cap 5/16-18NC x 3/4" 2	74	36-9643		Washer 1	
22	25317	Pulley (For 60 Cycle Only) 1	75	4335		Nut, Lock 1	
	36218	Pulley (For 50 Cycle Only) 1	76	42545		Shift Knob Plate 1	
23	3954	V-Belt (For 60 Cycle Only) 1	77	Comm.		Scr., Soc. Hd. Cap #10-24NC x 5/8" 3	
	2772	V-Belt (For 50 Cycle Only) 1	Ref.	44577		Crown Wheel Ass'y 1	
24	Comm.	Scr., Hex. Hd. Cap 5/16-18NC x 3/4" 2	78	44578		Wheel 1	
25	Comm.	Washer 5/16 SAE 6	79	4675		Retainer 2	
26	Comm.	Nut, Hex 5/16-18NC 5	80	Comm.		Scr., Oven Hd. Mach. #10-24NC x 3/8" 4	
27	16913	Air Pump Ass'y 1	81	24939		Rim & Tire Ass'y 1	
28	2678	Var. Speed Belt (For 60 Cycle Only) 1	Ref.	23643		Shift Lock Sub-Ass'y. 1	
29	9084	Var. Speed Belt (For 50 Cycle Only) 1	82	21650		Lock Lever 1	
30	38-8328	Variable Sub-Ass'y 1	83	Comm.		Washer, 5/16 Std. 2	
31	Comm.	Scr., Soc. Set #10-24NC x 1/4" 1	84	Comm.		Nut, Hex. Jam 5/16-18NC 2	
32	4289	Roll Pin 3	85	Comm.		Scr., Hex. Hd. Cap 5/16-18NC x 1" 1	
33	42137	Transmission Pulley 1	86	8840		Bracket-Shift Lock 1	
34	38-2306	Variable Speed Belt 1	Ref.	42382		Variable Manger Sub-Ass'y 1	
35	60188	Transmission Ass'y (See Trans. Detail) 1	87	38-7584		Retaining Ring 2	
36	22038	Hinge 2	88	8498		Stud 1	
37	17726	Spacer AR	89	42381		Arm 1	
38	Comm.	Washer 3/8 SAE 5	90	41480		Gear Bracket 1	
39	Comm.	Scr., Soc. Hd. Cap 3/8-16NC x 1-1/8" 4	91	61992		Bracket 1	
40	Comm.	Washer, Lock 3/8 Std. 10	92	7381		Oilite Bushing 3	
41	1875	Spring 1	93	5858		Scr., Adjusting 3	
42	38-8766	Stud 1	94	34-08410		Collar 1	
43	Comm.	Nut, Hex. Jam 3/8-16NC 2	95	4259		Roll Pin 2	
44	42352	Variable Speed Ass'y. (See Detail) 1	96	9971		Miter Gear 2	
45	Comm.	Scr., Hex. Hd. Cap 3/8-16NC x 2-3/4" 3	97	5-1341C		Nut, Stop. 4	
46	8219	Lock Rod 1	98	23141		Screw 1	
47	38-6470	Collar 1	99	7979		Spacer 1	
48	Comm.	Scr., Soc. Set #10-24NC x 3/16" 1	100	8884		Spacer 1	
			101	6178		Trunnion Pin 1	

EXTRA WORK HEIGHT
ACCESSORY

AUXILIARY POST ASSY



MODEL	FIRST MACH	LAST MACH
3613-2	151-5910R	
3612-3	153-5910I	

EXTRA WORK HEIGHT

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
		1 2 3 4 5 6 7	
Ref.		Extra Work Height Ass'y. (Continued)	
1	55017	Band Tension Ass'y.	1
2	Comm.	Scr., Soc. Hd. Set #8-32NC x 3/16"	1
3	102291	Guide	1
4	Comm.	Scr., Soc. Hd. Cap #8-32NC x 1/2"	2
5	Comm.	Plain Washer #8 Std.	2
6	29673	Link Weldment	1
7	102294	Pin	1
8	Comm.	Cotter Pin 1/16 Dia. x 1/2"	2
9	102333	Crank Ass'y.	1
10	102293	Pivot Ass'y.	1
11	45932	Saw Guard Ass'y.	1
12	45941	Saw Guard Sub-Ass'y.	1
13	42772	Slide Guard	1
14	35-2016	Wing Nut	2
15	55003	Auxiliary Post Ass'y.	1
16	13-01309	Post Back-Up Pad	1
17	35-9616	Ret. Ring	1
18	Comm.	Nut, Jam 1/2-13NC	1
19	13-01419	Back-Up Pad Screw.	1
20	Comm.	Screw, Hex Hd. Mach. 1/2-13NC x 1 1/2"	1
21	24337	Post Support Arm	1
22	32462	Lower Post Guide	1
23	7629	Starwheel Sub-Ass'y.	1
24	13-01420	Auxiliary Post	1
25	32463	Upper Post Guide	1
26	13-01423	Post Collar	1
27	Comm.	Screw, Soc. Hd. Cap 3/8-16NC x 3 1/4"	1
28	Comm.	Washer, Lock 3/8 Std.	4
29	Comm.	Screw, Hex Hd. Cap 3/8-16NC x 1 1/2"	4
30	Comm.	Screw, Skt. Hd. Set 5/16-18NC x 3/4"	8
31	Comm.	Pad 1/2 x 2 5/8 x 6 1/4"	2

NOTE: Specify the work height of your machine when ordering the above replacement parts.

- ⑩
- 1-CROWN WHEEL ASSY---44577
 - 1-TIRE & RIM ASSY---24939
 - 2-RETAINER---4675
 - 1-WHEEL---44578

- ⑨
- 1-TAPER WHEEL ASSY---44579
 - 1-TIRE & RIM ASSY---24937
 - 2-RETAINER---4675
 - 1-WHEEL---44538
 - 1-ESCUTCHEON---17298
NOT SHOWN

NOTE
TAPER WHEEL & ESCUTCHEON
NUMBERS 1 ENCLOSED PARTS LIST
SUB ASSEMBLY

- ⑪
- 1-STEEL RIM WHEEL ASSY---44777
 - 1-STEEL RIM WHEEL---44641
 - 1-ESCUTCHEON---17298
NOT SHOWN

- ①
- 1-HEAD SUB ASSY---45410
 - 1-HEAD CASTING---50769
 - 2-GREASE FITTING---5989
 - 1-SLIDE BLOCK---41027

- ①
- 1-GEAR RACK---22130

- ①
- 1-SCREW ASSY---100398
 - 1-SCREW---28526
 - 1-COLLAR---5-0414
 - 1-ROLL PIN---4264

- 1-THRUST BEARING---35-8885
- 1-SWIVEL---100089
- 1-RADIUS WASHER---100402
- 1-CASING CLAMP---3355

- ②
- 1-PIVOT ASSY---100085
 - 1-PIVOT PLATE---100400
 - 1-PIVOT PIN---100401

- ③
- 1-CRANK ASSY---100090
 - 1-BELL CRANK---100091
 - 1-SPACER---100092

- 1-RETAINING RING---35-8582
- 1-LINK---100846
- 2-PIN---100404
- 4-RETAINING RING---4617

- ④
- 1-HANDLE ASSY---28527
 - 1-KNOB SHAFT---9401
 - 1-HANDLE---45330
 - 1-KNOB---34-0553

- 1-ADAPTOR---100397
- 1-DOWEL PIN---100399
- 1-GREASE FITTING---35-9473
- 1-SPRING---100405
- 1-ROD ANCHOR---100083

- 21389-POST CHP GUARD---1
- 4269-DOWEL PIN---1
- 5-0304-POST GUARD SPRING---1

- ⑤
- 1-WHEEL HINGE ASSY---22237
 - 1-SETSCREW---3862
 - 1-HUB---27046
 - 2-BEARING---16538
 - 1-AXIS STUD---16408
 - 1-TILT LOCK KNOB---16638
 - 1-TILT SCREW---5-0425
 - 1-TILT KNOB---5-0108
 - 1-RETAINING RING---35-7596
 - 1-SPACER---13403
 - 1-SPACER---47827
 - 1-INSERT---35-8578
 - 1-WHEEL HINGE---22268

- ⑥
- 44993-SAW GUARD ASSY---1
 - 45003-SAW GUARD---1
 - 42772-SLIDE GUARD---1
 - 35-2046-WING NUT---1
 - 40" DOWN
 - 5946-LOCKBOLT---3
 - 23240-GUIDE BLOCK---1

- ①
- 5-0140-DOWEL PIN---2
 - 35-9490-INSERT---1
 - 35-9188-SPRING---1
 - 35-9189-ADJ. SCREW---1
 - 54282-POST---1
 - 5988-DOWEL PIN---1

COMPLETE HEAD ASSY

*55838 FOR

*54834 FOR



- 3613-3 & 3613-2
- 4578-TENSION INDICATOR ASSY---1
 - 35-247-CASING---1
 - 4644-BEZEL---1
 - 3980-GLASS---1

- 1612-3, 1613-2 & 1612-3
- 45717-TENSION INDICATOR ASSY---1
 - 10135-CASING---1
 - 17470-BEZEL---1
 - 3980-GLASS---1

- 35-8840-HINGE PIN---1

*NOTE: 34690 POST LIFT GEAR WAS
35-4180 BEFORE SER. NOS. ON MODELS
450 2 - 150-65480
3613 2 - 151-65368
1612 3 - 152-65885
3612 2 - 153-65783

- 34690-POST LIFT GEAR---1
- 35-418-ESCUTCHEON---1

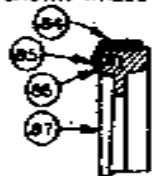
- ⑧
- 35-5398-POST ADJUSTING
HANDWHEEL ASSY---1
 - 35-6611-SHAFT---1
 - 6-0103-STARWHEEL---1
 - 4269-ROLL PIN---1

- ⑦
- 35-5473-POST CLAMP &
HANDWHEEL ASSY---1
 - 4264-ROLL PIN---1
 - 6-0103-STARWHEEL---1
 - 35-8812-SCREW---1

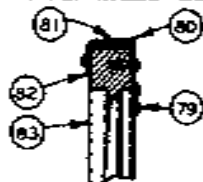
- 5-01306-POST SCALE POINTER---1

MODEL	CRANK RACK	LAST USED
450-1	170-4400	170-4400
1612-1	150-65480	150-65480
3612-2	154-4800	151-66368
1612-3	152-65885	152-65885
3612-1	153-65783	153-65783

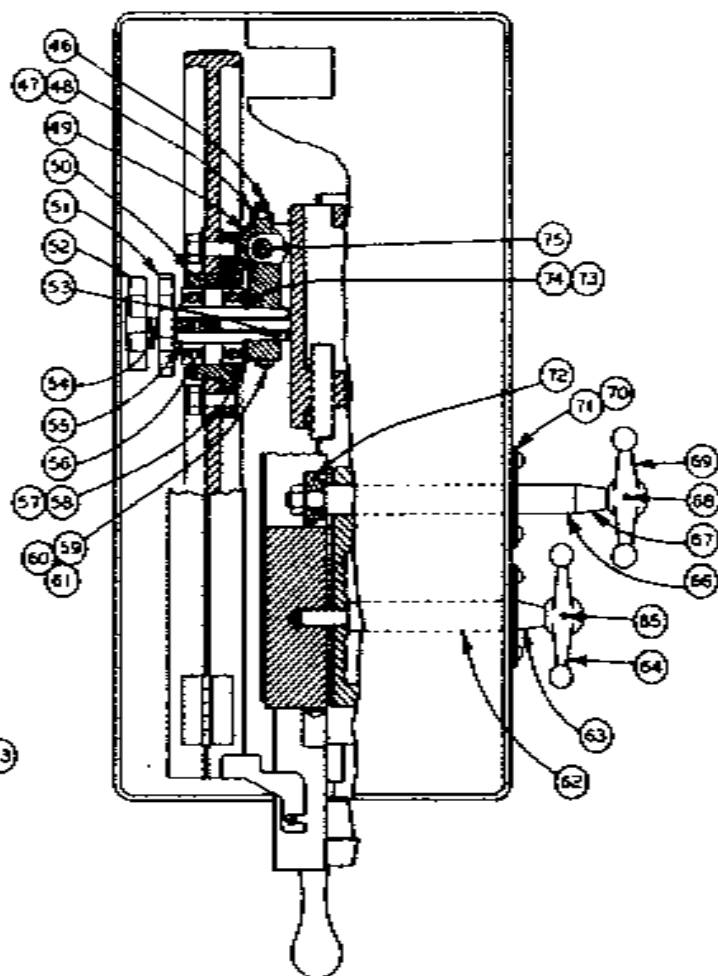
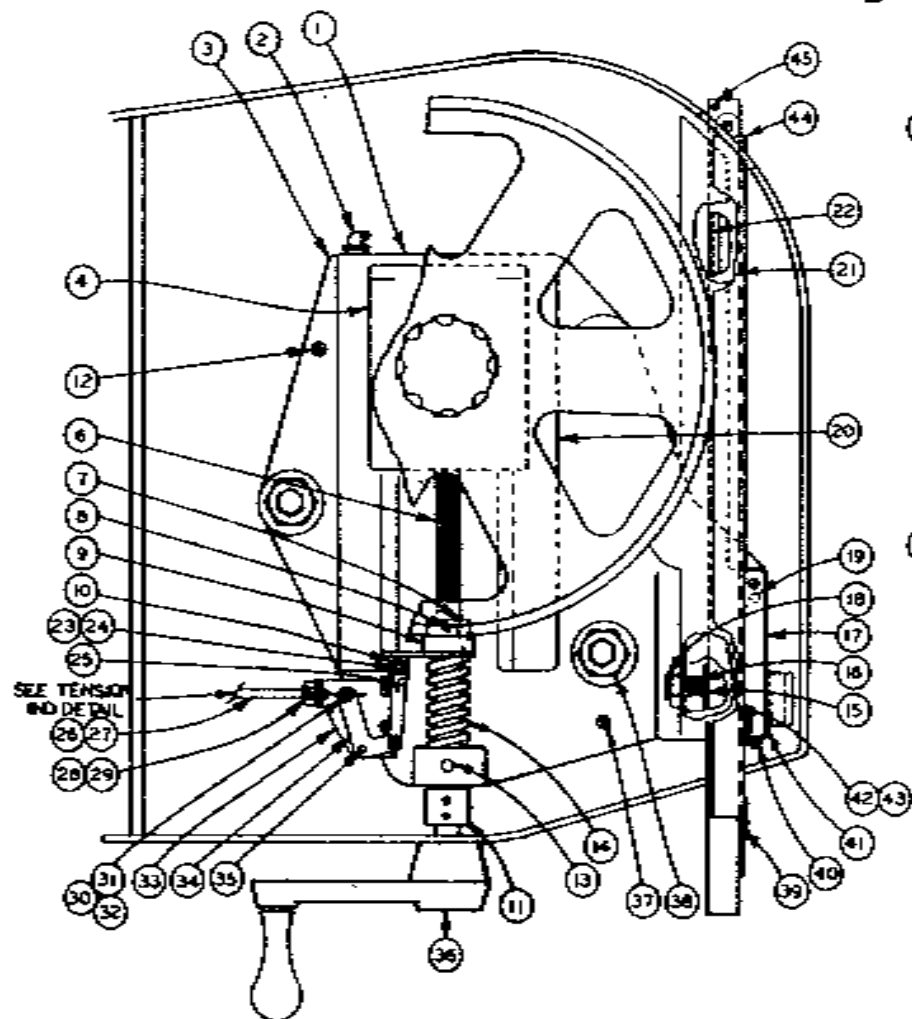
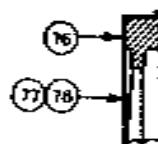
CROWN WHEEL ASS'Y



TAPER WHEEL ASS'Y



STEEL RIM WHEEL ASS'Y



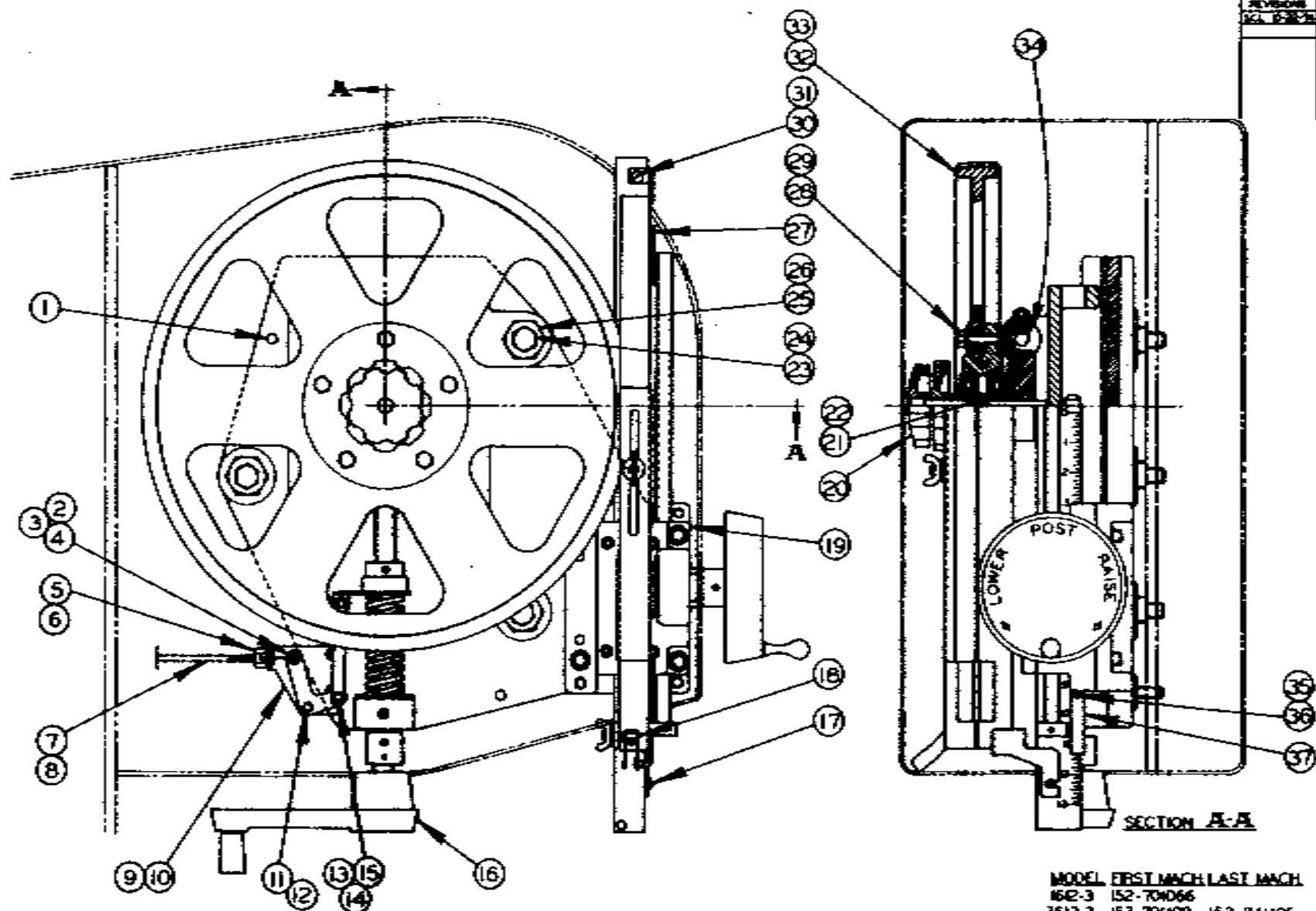
HEAD ASSEMBLY

MODEL FIRST MACH. LAST MACH.

1843-2	150-66486	150-70590
3843-2	151-66369	151-70524
1612-3	152-66691	152-70105
3612-3	153-66787	153-70108

HEAD ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.	INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	55838	Head Ass'y. (1612-XI) . . .		55	35-7596	Ret. Ring	1
Ref.	54674	Head Ass'y. (1613-2, 3613-2, 1612-5, & 3612-8)		56	16538	Bearing	2
1	46846	Head Sub-Ass'y.	1	57	13407	Spacer	1
2	5919	Grease Fitting	2	58	17827	Spacer	1
3	57465	Head Casting	1	59	35-8578	Insert	1
4	41027	Slide Block	1	60	Comm.	Scr., Set Soc. 3/8-16NC x 1/2"	1
5	28326	Screw	1	61	Comm.	Nut, Jam 5/8-16NC	1
6	5-01414	Collar	1	62	35-3473	Post Clamp Ass'y.	1
7	4261	Roll Pin	2	63	35-8612	Screw	1
8	35-8618	Thrust Bearing	1	64	6-01103	Starwheel	1
9	100083	Rod Anchor	1	65	4261	Roll Pin	1
10	100997	Adapter	1	66	34680	Post Adj. Sub-Ass'y.	1
11	35-328	Dowel Pin	2	67	34687	Shaft	1
12	35-9473	Grease Fitting	1	68	4261	Roll Pin	1
13	100405	Spring	1	69	6-01103	Starwheel	1
14	35-9190	Insert	1	70	35-4191	Post Shaft. Reattachment	2
15	35-9184	Spring	1	71	Comm.	Scr., Ov. Hd. Mach. #10-24NC x 3/8"	4
16	49340	Post Guide Block	1	72	34680	Post Lift Gear	1
17	35-9189	Adj. Screw	1	73	13407	Back-Up Washer	AR
18	5-01401	Dowel Pin	2	74	17827	Spacer Washer	AR
19	34668	Gib	1	75	35-8610	Hinge Pin	1
20	54282	Post	1	Ref.	44777	Steel Rim Wheel Ass'y.	1
21	22130	Gear Rack	1	76	44641	Steel Rim Wheel	1
22	100404	Pin	2	77	Comm.	Screw, Drive #00 x 1/8" (Not Shown)	2
23	4617	Ret. Ret. Ring	4	78	17298	Reattachment (Not Shown)	1
24	100846	Link	1	Ref.	44579	Taper Wheel Ass'y.	1
25	101139	Casing (1612-XI, 1613-2, & 1612-3)	USB	79	Comm.	Screw, Truss Hd. Mach. #10-24NC x 3/8"	22
26	109825	Casing (3613-2 & 3612-3)	ONE	80	31452	Back Up Plate	6
27	3355	Casing Clamp	1	81	27437	Tire & Rim Ass'y.	1
28	5880	Scr., Soc. Hd. Set Cone Pt.	1	82	4675	Retainer	2
29	100189	Swivel	1	83	46931	Taper Wheel	1
30	100402	Radius Washer	1	Ref.	44577	Crown Wheel Ass'y.	1
31	Comm.	Cotter Pin 1/16 Dia. x 1/2	1	84	24939	Rim & Tire Ass'y.	1
32	100085	Pivot Ass'y.	1	85	Comm.	Scr. Ov. Hd. Mach. 10-24NC x 3/8	4
33	100190	Crank Ass'y.	1	86	4675	Retainer	2
34	100191	Ball Crank	1	87	44578	Wheel	1
35	100192	Spacer	1				
36	35-8582	Ext. Ret. Ring	1				
37	28527	Handle Ass'y.	1				
38	3918	Dowel	2				
39	5916	Lock Nut	3				
40	6-01304	Post Scale Pointer	1				
41	34-04502	Washer	1				
42	21349	Post Chip Guard Sub-Ass'y.	1				
43	5-01304	Post Chip Guard Spring	1				
44	Comm.	Scr., Ad. Hd. Mach. 1/4-20NC x 1 1/2"	1				
45	44993	Saw Guard Ass'y.	1				
46	45003	Saw Guard Sub-Ass'y.	1				
47	42772	Slide Guard	1				
48	35-2016	Wing Nut	2				
49	4269	Dowel	1				
50	22237	Wheel Hinge Ass'y.	1				
51	Comm.	Nut, Jam 1/4-20NC	1				
52	3862	Screw, Set Dog Pt.	1				
53	22268	Wheel Hinge	1				
54	27016	Hub	1				
55	16638	Tilt Lock Knob	1				
56	5-01108	Tilt Knob	1				
57	16408	Wheel Axle Stud	1				
58	5-01425	Tilt Screw	1				

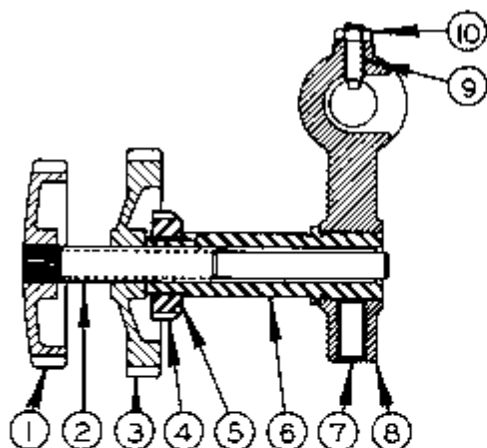


HEAD ASSEMBLY

MODEL FIRST MACH. LAST MACH.
 162-3 152-704066
 3612-3 153-704109 153-741195
 1613-2 150-70591
 3613-2 151-70525

HEAD ASSEMBLY

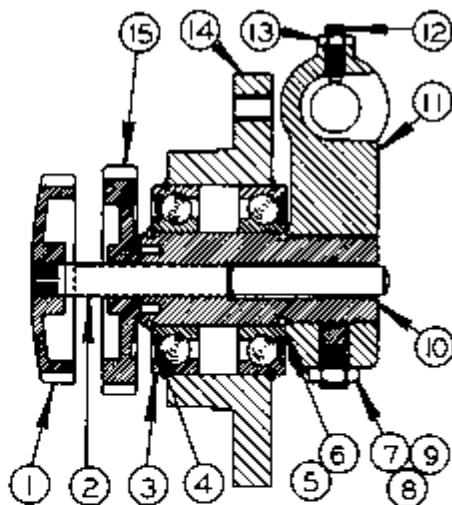
INDEX NO.	Part NO.	DESCRIPTION	UNITS PER ASSY
1	500390	Head Assembly	
1	5918	• Dowel Pin.....	2
2	100189	• Swivel.....	1
3	100402	• Radius Washer.....	1
4	199507	• Cotter Pin 1/16 Dia. x 1/2.....	1
5	3355	• Casing Clamp.....	1
6	198406	• Screw, Soc. Set Cup Pt. 8-32 NC x 1/4.....	1
7	101139	• Casing (Used On 1613-2 and 1612-3).....	Use
8	109825	• Casing (Used On 3613-2 and 3612-3).....	One
9	100083	• Pivot Assembly.....	1
10	199319	• Washer, Lock #10 STD.....	2
11	100190	• Crank.....	1
12	35-8582	• External Retaining Ring.....	1
13	100846	• Link.....	2
14	100404	• Pin.....	2
15	4617	• External Retaining Ring.....	4
16	28527	• Handle Assembly.....	1
	118116	• Handle.....	1
	45330	• Handle Assembly.....	1
	118117	• Pin.....	1
	113766	• Spring.....	1
	4792	• Ball.....	1
17	198869	• Screw, RD. HD. MACH. #10-24 NC x 1/2.....	3
18	3048	• Spring Clip.....	1
19	402127	• Head Sub-Assembly (See Detail).....	1
20	22237	• Wheel Hinge Assembly (See Detail).....	1
21	13407	• Spacer.....	A.R.
22	17827	• Spacer.....	A.R.
23	198075	• Screw, HEX. HD. CAP 1/2-13 NC x 3-3/4.....	3
24	199327	• Washer, Lock 1/2 STD.....	3
25	5916	• Lock Bolt.....	3
26	199145	• Nut, Jam 7/8-14 N.F.....	3
27	402199	• Saw Guard Assembly.....	1
28	198030	• Screw, HEX. HD. CAP 5/16-18 NC x 1 1/4.....	5
29	199323	• Washer, Lock 5/16 STD.....	5
30	5-01304	• Spring.....	1
31	198901	• Screw, RD. HD. Mach. 1/4-20 NC x 1 1/2.....	1
32	44579	• Taper Wheel Assembly (Used On 1612-3 & 3612-3).....	1
	46931	• Taper Wheel.....	1
	27437	• Tire and Rim Assembly.....	1
	31452	• Back Up Plate.....	6
	199015	• Screw, Tuss HD. MACH. 10-24 NC x 3/8.....	22
	4675	• Retainer.....	2
33	44577	• Crown Wheel Assembly (Used on 1613-2 and 3613-2).....	1
	44578	• Wheel.....	1
	24939	• Tire and Rim Assembly.....	1
	4675	• Retainer.....	2
	199015	• Screw, Over HD. MACH 10-24 NC x 3/8.....	4
34	35-8610	• Hinge Pin.....	1
35	198851	• Screw, RD. HD. MACH 8-32 NC x 1/4.....	3
36	199257	• Washer, Flat #8 STD.....	1
37	121805	• Post Scale Pointer.....	1
Following Items Not Shown:			
	45717	• Tension Indicator Assembly (1613-2 & 1612-3) (See Detail).....	Use
	45716	• Tension Indicator Assembly (3613-2 & 3612-3) (See Detail).....	One
	17478	• Bezel.....	1
	198867	• Screw, RD. HD. MACH 10-24 NC x 3/8.....	4



NEW Dwg
SW 40-13-68
REVISIONS
SC: 8-8-73
SCL: 40-14-74

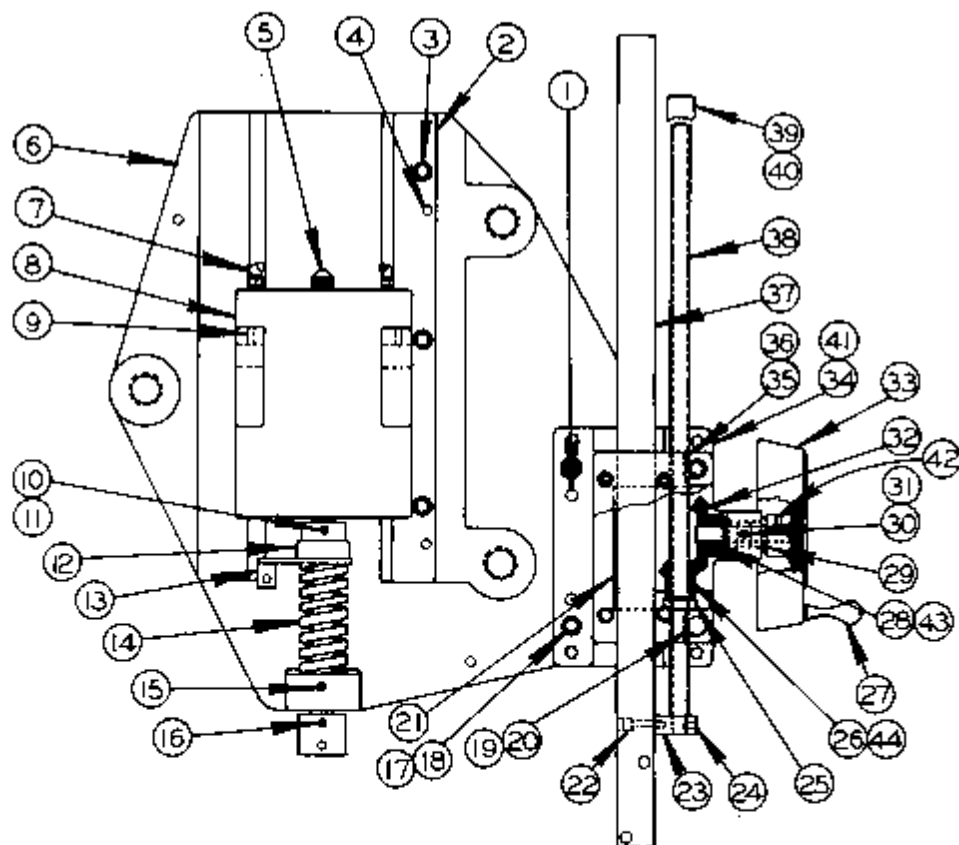
#21547

WHEEL HINGE ASSEMBLY



#22237

WHEEL HINGE ASSEMBLY

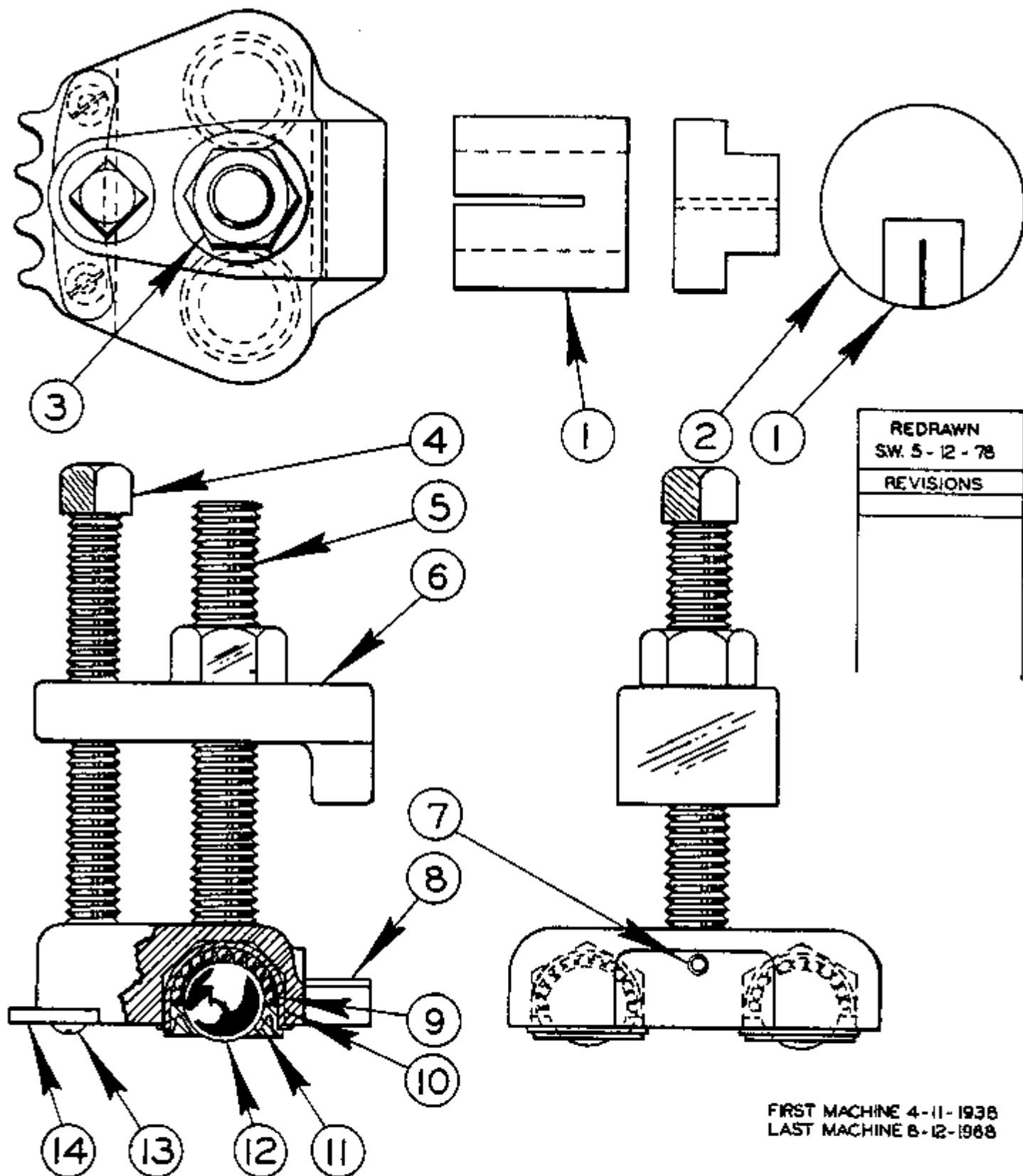


HEAD SUB-ASSEMBLY

MODEL	FIRST MACH	LAST MACH
3612-3	153-701109	
3613-1	149-70661	
1612-3	152-701066	
1612-1	148-701488	
1613-2	150-70591	
3613-2	151-70525	

HEAD SUB-ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y	INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	402127	Head Sub-Assembly		39	123581	Plug Button	1
1	5-01401	Dowel Pin	2	40	123580	Tube	1
2	34668	Gib	1	41	198409	Ser., Soc. Set #10-24NC x 3/16	1
3	198262	Ser., Soc. Hd. Cap 5/16-18NC x 1 1/4	3	42	114281	Ser., Soc. Set (Nylak) #10-24NC x 1/2	2
4	4261	Roll Pin	2	43	131813	Shim Option List	1
5	28526	Screw	1	44	124031	Bearing	1
6	500373	Head Casting	1				
7	5919	Grease Fitting	2	Ref.	21547	Wheel Hinge Ass'y (1612-1 & 3613-1)	
8	41027	Slide Block	1	1	5-01108	Tilting Screw Knob	1
9	198433	Ser., Soc. Set 1/4-28NF x 1/2	2	2	5-01425	Upper Wheel Tilt Screw	1
10	5-01414	Collar	1	3	5-01109	Upper Wheel Tilting Locknut	1
11	4261	Roll Pin	2	4	5-01506	Locknut	1
12	35-8615	Thrust Bearing	1	5	5-01507	Lockwasher	1
13	100083	Rod Anchor	1	6	5-01424	Upper Wheel Axis Stud	1
14	100405	Spring	1	7	198451	Ser., Soc. Hd. Set 3/8-16NC x 3/4	1
15	35-9473	Grease Fitting	1	8	21546	Wheel Hinge	1
16	100397	Adapter	1	9	3862	Screw, Dog Pt. Set	1
17	198281	Screw, Soc. Hd. Cap 3/8-16NC x 1 1/2	2	10	199114	Nut, Jam 1/4-20NC	1
18	199332	Washer, Lock 3/8 Std.	2	Ref.	22237	Wheel Hinge Ass'y (3612-3, 3613-2, 1612-3, 1613-2)	
19	5150	Washer, Lock 3/8 Hi-Collar	2	1	5-01108	Tilt Knob	1
20	198287	Ser., Soc. Hd. Cap 3/8-16NC x 3	2	2	5-01425	Tilt Screw	1
21	5-01306	Spring	1	3	16538	Bearing	2
22	198225	Ser., Soc. Hd. Cap #10-24NC x 1	2	4	35-7596	Retaining Ring	1
23	120920	Block	1	5	13407	Spacer	1
24	115427	Ser., Soc. Set (Nylak) #10-24NC x 1/4	1	6	17827	Spacer	2
25	35-2810	Thrust Bearing	1	7	35-8578	Insert	1
26	120925	Gear	1	8	198449	Ser., Soc. Set 3/8-16NC x 1/2	1
27	104690	Handle	1	9	199127	Nut, Jam 3/8-16NC	1
28	120923	Shaft	1	10	16408	Wheel Axis Stud	1
29	120922	Bearing	2	11	22268	Wheel Hinge	1
30	121746	Friction Plug	1	12	3862	Screw, Dog Pt. Set	1
31	123576	Ser., Soc. Set (Nylak) #8-32NC x 3/8	1	13	199114	Nut, Jam 1/4-20NC	1
32	14435	Gear	1	14	27016	Hub	1
33	38643	Handwheel	1	15	16638	Tilt Lock Knob	1
34	401768	Housing	1				
35	38644	Cover	1				
36	198236	Ser., Soc. Hd. Cap 1/4-20NC x 1/2	4				
37	402108	Post	1				
38	120924	Screw	1				



FIRST MACHINE 4-11-1938
LAST MACHINE 8-12-1968

HEAVY PARALLEL WORK CLAMP ASSEMBLY

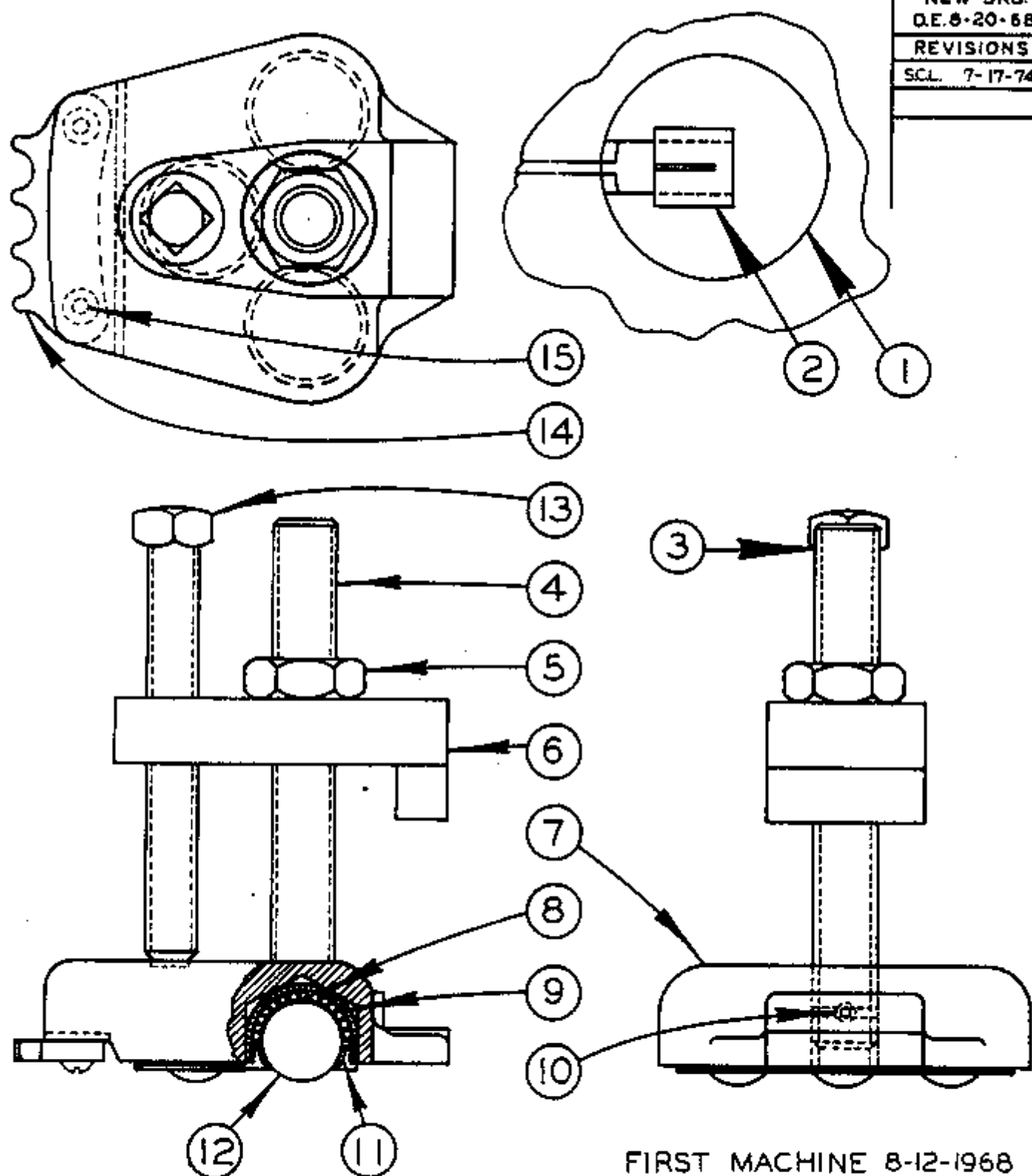
C-10-22 CM-10-B Z-10-11

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HEAVY
PARALLEL WORK CLAMP ASSEMBLY

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

NEW DRG.
D.E. 8-20-68
REVISIONS
SCL 7-17-74



FIRST MACHINE 8-12-1968

HEAVY PARALLEL WORK CLAMP

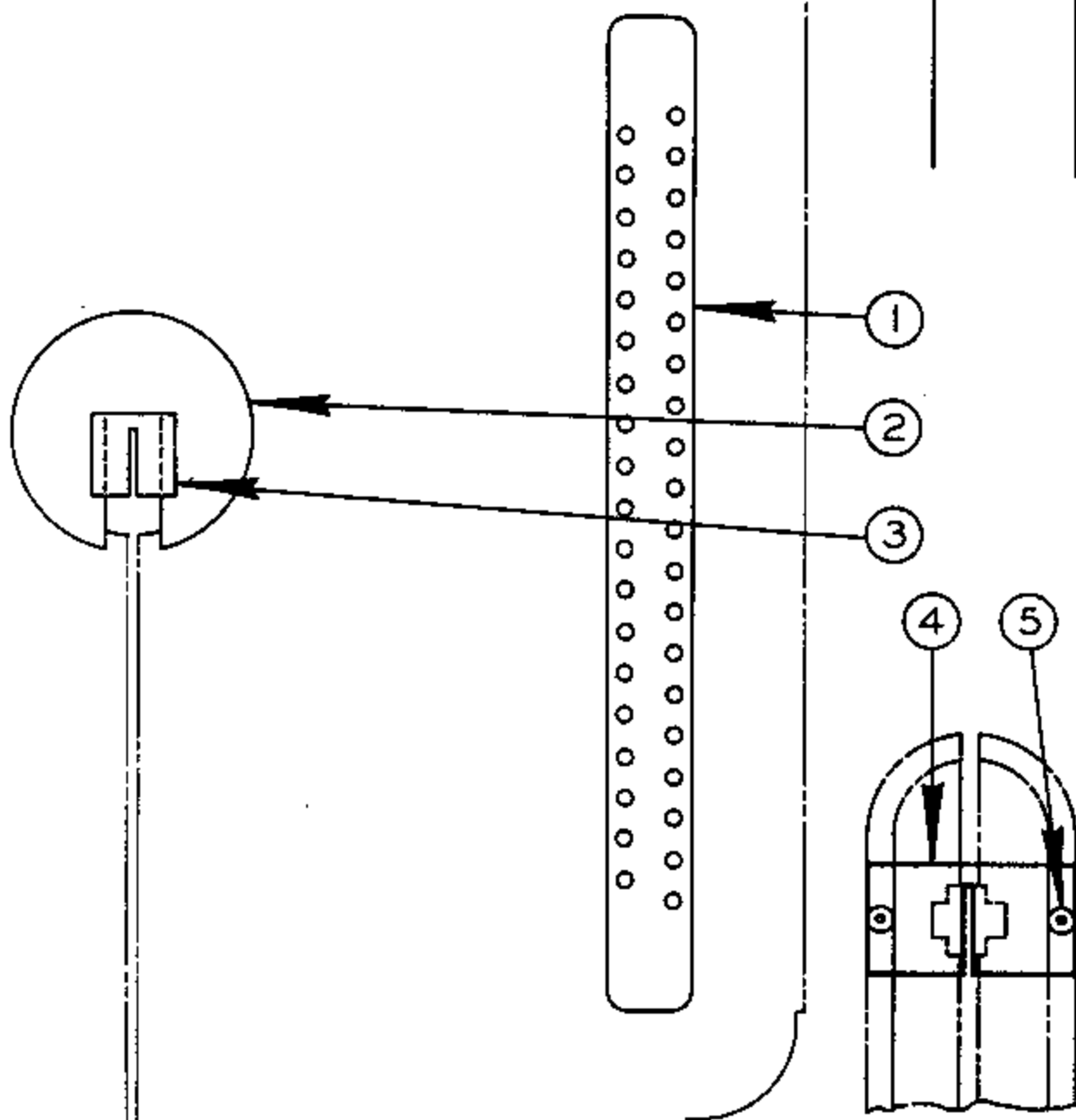
C-10-38 CM-10-31 Z-10-17

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CODE NO. C-10-38

CM-10-31Z-10-17HEAVY
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

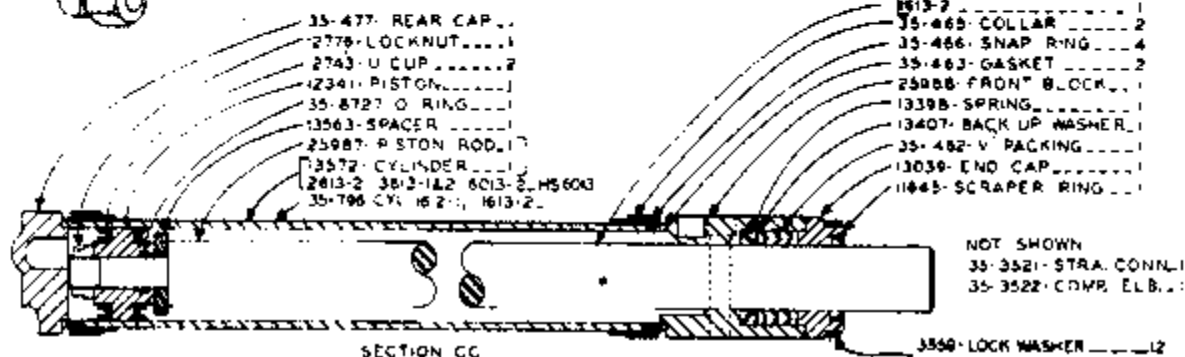
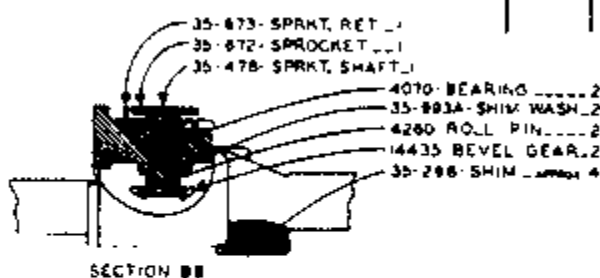
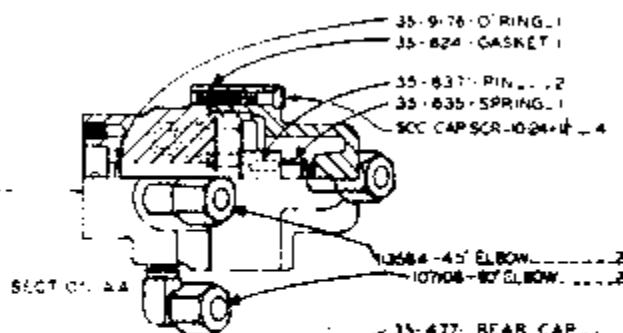
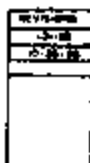


HEAVY WORK SLIDES

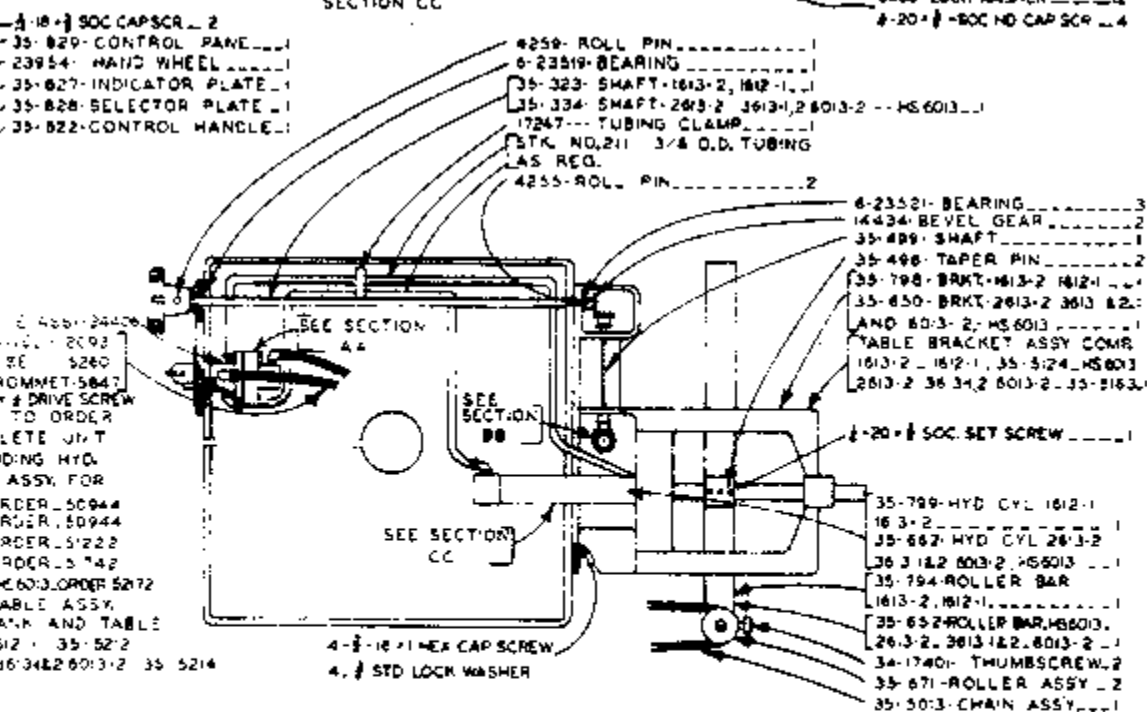
HEAVY WORK SLIDES

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

NOTE: VALVE BODY, SPOOL
AND CAP ARE HONED FIT
TO REPLACE ORDER
COMPLETE ASSY NO 24406



NOT SHOWN
35-3521 STRA. CONN...1
35-3522 CONVR. ELB...1



1. H.A. 2 4255-24406
2. STK NO. 2092
3. HISE 5260
2. GROMMET 5847
4. 4 x 1/2 DRIVE SCREW
NOTE TO ORDER
COMPLETE UNIT
INCLUDING HYD
TANK ASSY. FOR

1612 ORDER 50944
1613-2 ORDER 50944
2613-2 ORDER 51222
3613-1 ORDER 51742
6013-2 HS6013 ORDER 52172
CONVR. TABLE ASSY.
LESS TANK AND TABLE
1613-2 612 1 35-5212
2613-2 3613-1 2 6013-2 35-5214

HYDRAULIC CONTOUR FEED

C-9-56
Z-9-15

MODEL	FIRST MACH	LAST MACH
1612-1	448-59101	448-62406
1613-2	150-59101	150-61248
2613-2	127-60139	127-62174
3613-1	149-59101	149-61195
3613-2	151-59101	151-62212
6013-2	129-60105	129-60105
1612-0	209-62104	209-68820
HS6013	139-63101	139-67132

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BRACKET-20622-DIM. TO ϕ OF SHAFT $3\frac{1}{2}$ "
 BRACKET-26031-DIM. TO ϕ OF SHAFT 3"

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

2-NIPPLE---35-1127
 3-PLUG _ _ _ 6-3351B
 1-DIP STICK _ 35-846
 1-PLUG _ _ _ 35-849
 1-COUPLING _ _ 35-845

14-11505-RELIEF VALVE

35-983-TEE _ _ _ _ 1

14-115196-CONNECTOR

2028-CROSS _ _ _ _ 1

14-366-NIPPLE _ _ _ 1

5-11513-ELBOW _ _ _ 3

35-897-ELBOW _ _ _ 1

4102-PUMP _ _ _ _ 1

20622-BRACKET _ _ _ 1

26031-BRACKET _ _ _ 1

SEE DETAIL ABOVE
 FOR CORRECT
 BRACKET

35-854 COUPLING

5849-UNION _ _ _ _ 2

4661-GASKET _ _ _ _ 1

4662-PLATE _ _ _ _ 1

11-05509-PLUG _ _ _ 1

50876-TANK _ _ _ _ 1

35-851-FILTER _ _ _ 1

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

35-5204
 HYDRAULIC TANK ASSEMBLY

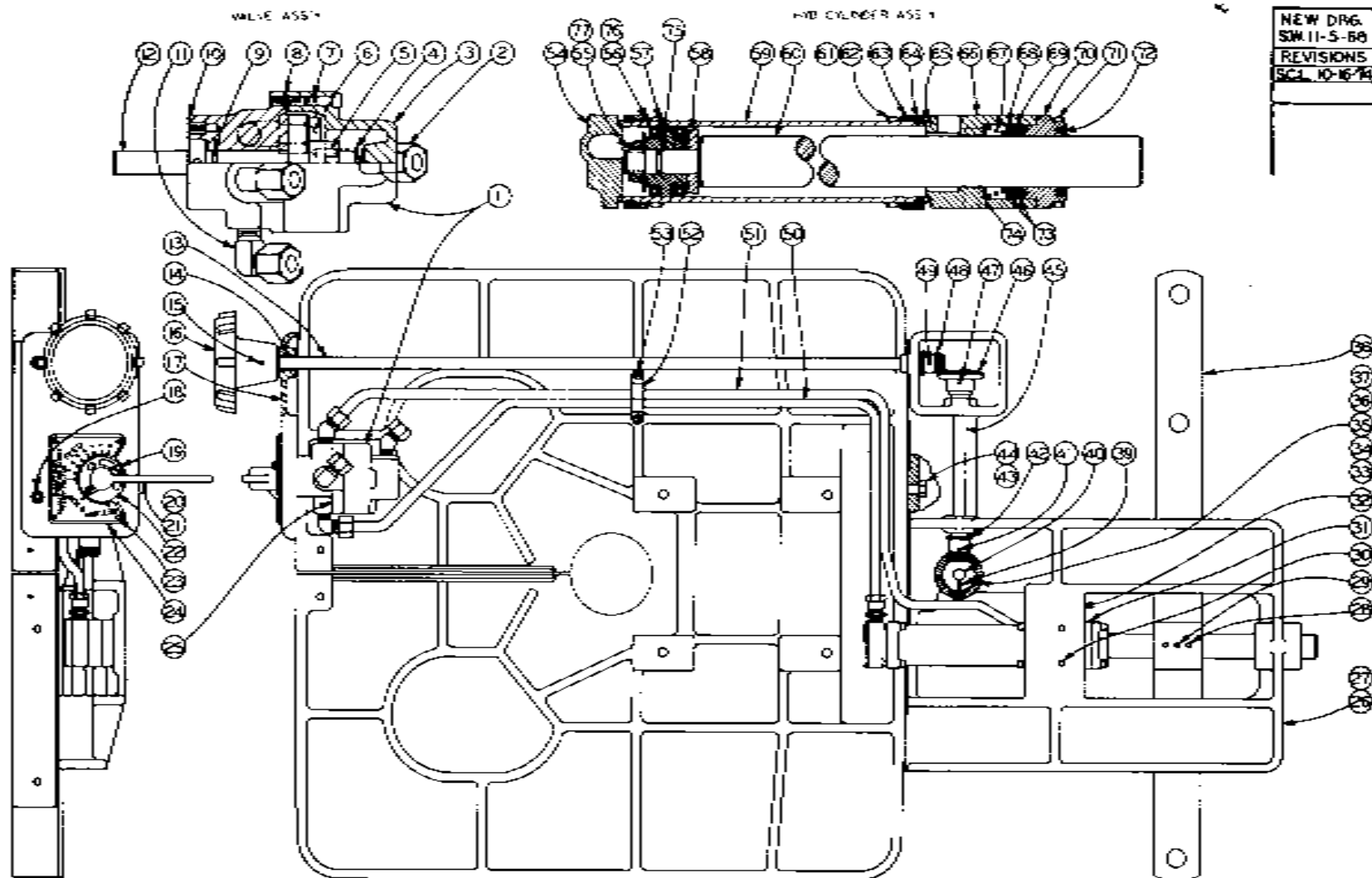
C-9-76, Z-8-21

FIRST UNIT 8-14-52

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C-9-63

MADE IN USA



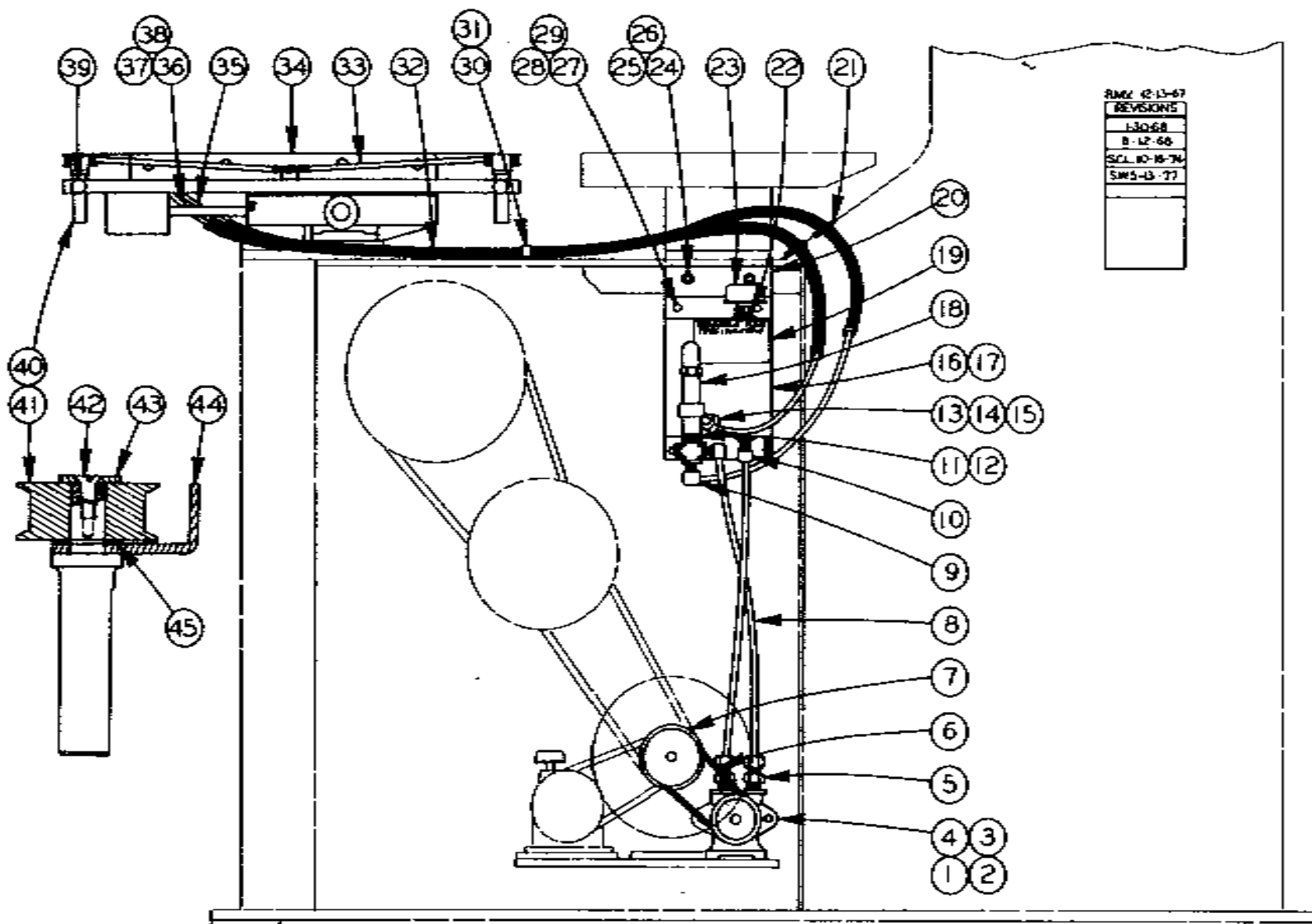
NEW DRG.
SW. 11-5-68
REVISIONS
SC1 10-16-74

MODEL FIRST MACH LAST MACH
3813-1 149-61196

HYD. CONTOUR FEED ASS'y

HYDRAULIC CONTOUR FEED ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y	INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	35-5214	Hydraulic Contour Feed Ass'y 3613-1	40	35-478	Sprocket Shaft.	1	
1	24406	Valve Sub-Ass'y.	1	4245	Roll Pin.	1	
2	113584	45° Elbow.	2	6-23521	Bearing.	3	
3	35-826	Valve Cap	1	198046	Ser. Hex. Hd. Cap 3/8-16NC		
4	35-835	Spring Muehlhausen #M105.	1		x 1.	4	
5	35-8371	Pin Baumbach #PDS1	2	199332	Washer, Lock 3/8 Std	4	
6	21099	Disc & Pin Ass'y.	1	35-499	Gear Shift.	1	
7	198226	Ser. Sfr. Hd. Cap #10-24NC	46	14435	Bevel Gear	2	
		x 1-1/4.	8	4260	Roll Pin.	3	
8	35-824	Gasket	1	14434	Bevel Gear.	2	
9	35-9176	O-Ring	1	4255	Roll Pin.	1	
10	21024	Valve Body.	1	Stk #211	Nylon Tube 3/8 O.D.	A.R.	
11	107108	90° Elbow	2	Stk #211	Nylon Tube 3/8 O.D.	A.R.	
12	21026	Control Shaft & Collar Ass'y	1	17247	Clamp.	2	
13	35-334	Shaft	1	198855	Ser. Rd. Hd. Mach #8-32		
14	6-23519	Bearing.	1		NC x 1/2.	2	
15	4259	Roll Pin	1	Ref.	35-662	Hydraulic Cylinder Ass'y	
16	23954	Handwheel	1	54	35-477	Rear Cap.	1
17	35-829	Control Panel	1	1401	Male Connector (Not Shown)	1	
18	198257	Ser. Soc. Hd. Cap 5/16-18NC			Nut, Lock	1	
		x 5/8.	2	55	12776	U-Cup	2
19	198893	Ser. Rd. Hd. Mach 1/4-20NC	56	56	110123	Piston.	1
		x 3/8.	1	57	107646	Spacer	1
20	35-822	Control Handle	1	58	107661	Cylinder.	1
21	4257	Roll Pin	1	59	107660	Piston Rod	1
22	35-828	Selector Plate	1	60	25987	Ser. Soc. Hd. Cap 1/4	
23	199399	Ser. Drive #4 x 1/4.	4	61	198242	-20 x 1.	8
24	35-827	Indicator Plate	1	62	3559	Washer, Lock 1/4Hi	
25	198240	Ser. Soc. Hd. Cap 1/4-20NC				Collar	12
		x 3/4 (Not Shown)	4	63	35-465	Collar	2
26	35-5163	Hydraulic Table Bracket Sub-Ass'y.	1	64	35-466	Snap Ring	4
27	35-650	Table Bracket	1	65	35-463	Gasket	2
28	35-498	Taper Pin.	2	66	25988	Front Block	1
29	198424	Ser. Soc. Hd. Set 1/4-20NC	67	67	103185	Spring.	1
		x 3/8.	1	68	103186	Adaptor Ring	1
30	198266	Ser. Soc. Hd. Cap 5/16-18NC	69	69	109885	Packing Ring Fab.	
		x 2 1/2	2	70	31059	Chevron	1
31	35-662	Hydraulic Cylinder (See Section)	1	71	198238	End Cap	1
32	35-298	Shim	A.R.	72	11645	Ser. Soc. Hd. Cap 1/4	
33	35-673	Sprocket Retainer	1			-20NC x 5/8	4
34	199019	Ser. Truss Hd. Mach 1/4-20NC			107108	Scraper Ring.	1
		x 3/8	3	73	109886	90° Male Elbow (Not Shown).	1
35	131813	Shim Option List.	1	74	136081	Packing Ring, Homo-	
36	4070	Bearing	2	75	35-9176	Chevron	2
37	35-672	Sprocket	1	76	2278	Shim Option List	1
38	35-652	Guide Roller Bar Sub-Ass'y	1	77	35-9176	O-Ring	1
39	198410	Ser. Soc. Hd. Set #10-24x1/4	3		2278	O-Ring	2
					102524	Washer	1



HYDRAULIC CONTOUR FEED ASSEMBLY

MODEL	FIRST MACH	LAST MACH
3612-U	271-68401	271-68156
3613-0	278-68101	278-77825
3612	291-68401	291-77235
3613-1	149-61196	149-73706
3613-2	151-62213	151-756083
3613-10	381-77101	
3612-1	380-77101	

HYDRAULIC CONTOUR FEED ASSEMBLY

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	51742	Hydraulic Contour Feed Assembly (3613-2)	
Ref.	59663	Hydraulic Contour Feed Assembly (3613-1, 3613-10)	
Ref.	55601	Hydraulic Contour Feed Assembly (3612, 3613-0, 3612-1)	
1	090-118761	. Pump (3613-2, 3612, 3612-1, 3613-0)	Use
	090-022815	. Pump (3613-1, 3613-10)	One
2	090-020520	. Pulley	1
3	091-980326	. Screw, Hex. Hd. Cap 5/16-18NC x 1-3/4	2
4	091-992628	. Washer 5/16" Std.	2
5	091-071084	. Male Connector (3613-2)	Use
	090-014010	. Male Connector (3613-1, 3613-10)	
	090-081381	. Male Connector (3612, 3613-0, 3612-1)	One
6	090-052093	. "A" Belt (50 Cycle)	Use
	091-066951	. "A" Belt (60 Cycle)	One
7	091-055707	. Pulley (50 Cycle)	Use
	091-042226	. Pulley (60 Cycle)	One
8	090-002114	. Nylon Tube 3/8 O.D.	A.R.
9	091-071084	. 90° Male Elbow	1
10	090-014036	. 90° Male Elbow	1
11	090-095456	. Cross	1
12	105-046122	. Pipe Plug	1
13	090-133836	. Female To Male Run Tee	1
14	114-035074	. Nipple	2
15	091-135848	. 45° Male Elbow	1
16	090-403296	. Tank Assembly	1
17	090-023334	. Cap	1
18	117-135053	. Relief Valve (Ass'y #51742)	Use
	091-236554	. Relief Valve (Ass'y #59663)	
	091-236539	. Relief Valve (Ass'y #55601)	One
19	091-160739	. Escutcheon	1
20	090-484098	. Bracket	1
21	090-058470	. Grommet	2
22	090-212127	. Dip Stick Sub-Assembly	1
23	105-115109	. Breather	1
24	091-980466	. Screw, Hex. Hd. Cap 3/8-16NC x 1	6
25	091-991265	. Nut, Hex. 3/8-16NC	2
26	091-993329	. Washer, Lock 3/8 Std.	6
27	091-980268	. Screw, Hex. Hd. Mach. 5/16-18NC x 5/8	4
28	091-991224	. Nut, Hex. 5/16-18NC	6
29	091-993238	. Washer, Lock 5/16" Std.	4
30	090-195090	. Jiffy Strap	2
31	091-988931	. Screw, Rd. Hd. Mach. 1/4-20NC x 3/8	1
32	090-000019	. Rubber Hose 1/2" I.D. x 3/4" O.D.	A.R.
33	135-050136	. Chain Assembly	1
34	135-052140	. Contour Feed Ass'y (3613-2, 3613-1, 3613-10) (See Detail)	Use
	135-052124	. Contour Feed Ass'y (3612, 3613-0, 3612-1) (See Detail)	One
35	090-002114	. Nylon Tube 3/8" O.D.	A.R.
36	090-002114	. Nylon Tube 3/8" O.D.	A.R.
37	090-172479	. Clamp	4
38	091-988543	. Screw, Rd. Hd. Mach. 8-32NC x 1/2	2
39	134-174010	. Thumb Screw	2
40	135-006716	. Horizontal Roller Ass'y (3613-1, 3613-2, 3613-10)	Use
	091-066639	. Horizontal Roller Ass'y (3612, 3613-0, 3612-1)	One
41	135-075919	. Roller	1
42	091-988857	. Screw, Rd. Hd. Mach. 10-32NF x 1/2 (3613-1, 3613-2, 3613-10)	Use
	091-987560	. Screw, Flat Hd. Mech. 10-32NF x 1/2 (3612, 3613-0, 3612-1)	One
43	091-038455	. Washer (3612, 3613-0, 3612-1)	Use
	135-075927	. Washer (3613-1, 3613-2, 3613-10)	One
44	135-020055	. Guide & Post Assembly	1
45	106-233380	. Washer	A.R.
Following Items Not Shown:			
	135-008324	. Cover	1
	091-993964	. Drive Screw	4



JOB SELECTOR ASSEMBLY

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

PRINTED IN U.S.A.

JOB SELECTOR

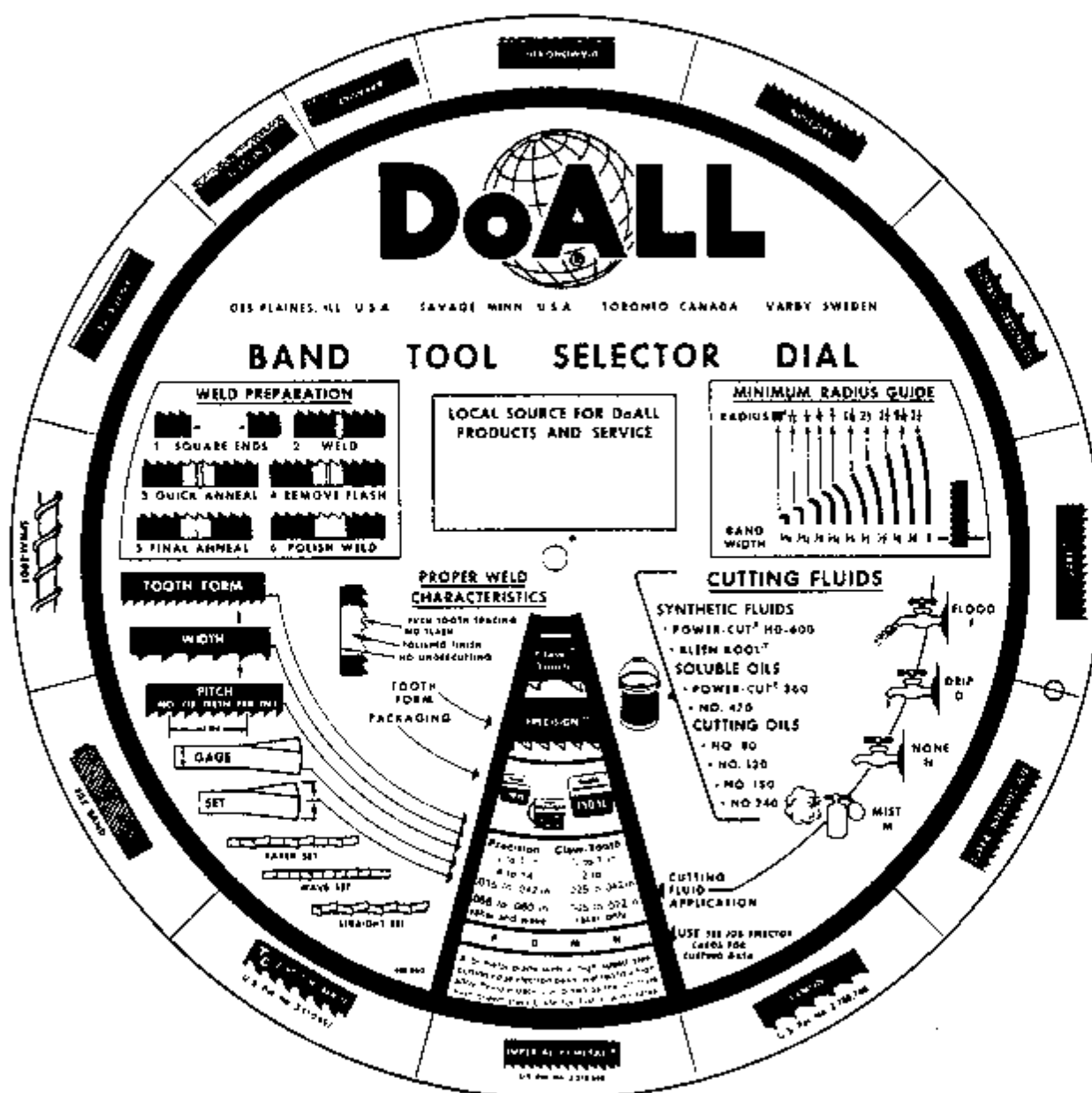
INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	090-468174	Job Selector (1612-U, 3012-U, 1611-H, 2612-1H, 2013, 2013-0, 2012-A, 2012-AT, 1612-0, 3613-0, 1612, 3612, 2013-1, 2013-10, 2012-1A, 2012-1AT, 3612-1H, 3612-1, 3613-10)	
*Ref.	090-435603	Job Selector (1612-1, 3613-1, 2612-1, 2613-2, 6013-2,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

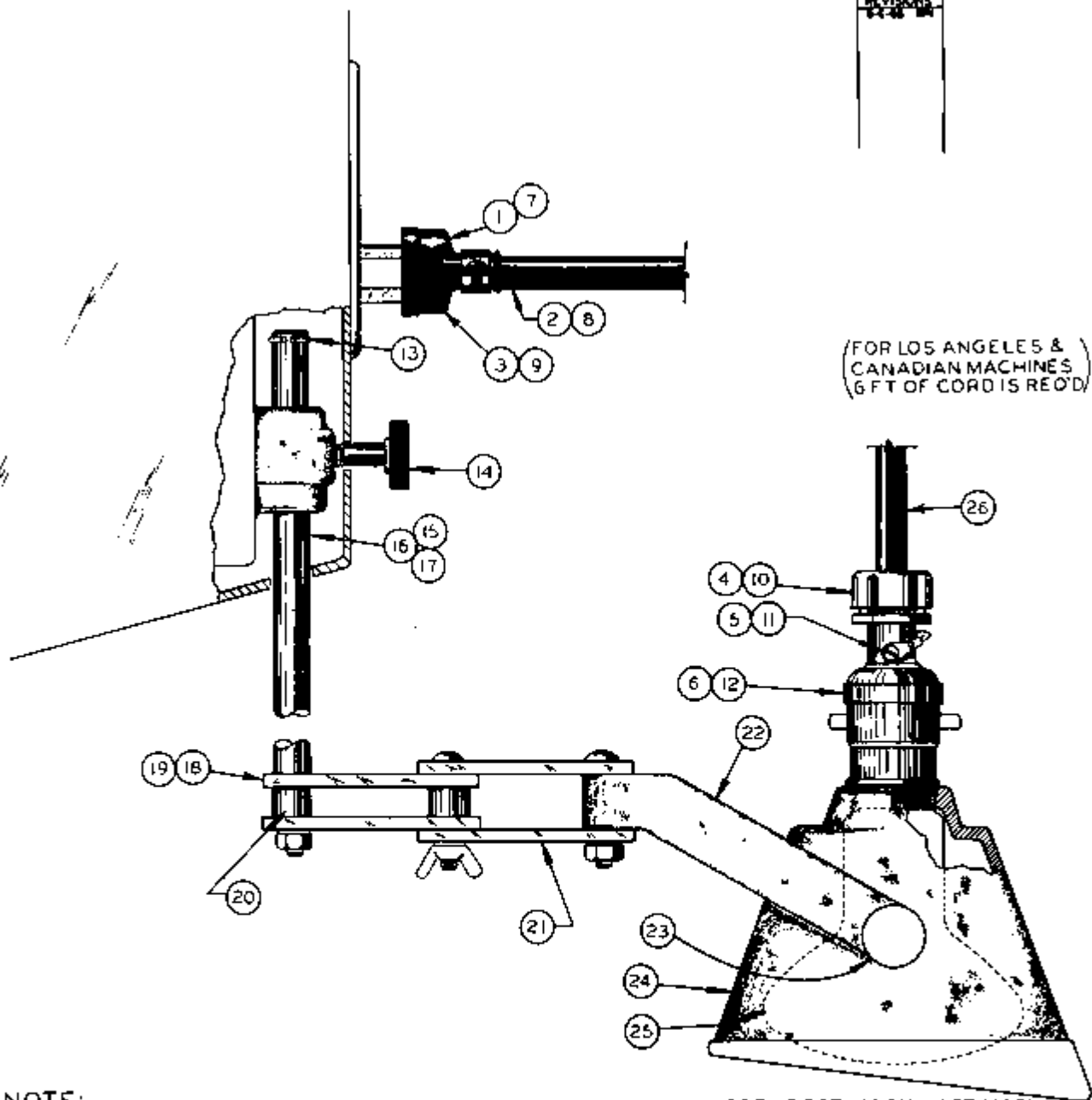
*NOTE: Last Used On Models:

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



JOB SELECTOR

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	094-014610	Job Selector	
1	106-143043	. Outer Edge Felt	4
2	091-988907	. Screw, Rd. Hd. Mach. 1/4-20NC x 1/4	4
3	091-980292	. Screw, Hex. Hd. Cap 5/16-18NC x 1	1
4	090-044496	. Cap Nut 5/16-18NC	1
5	091-201988	. Bushing	1
6	094-014602	. Job Selector Plate	1
7	094-014594	. Job Selector Dial	1
8	090-398665	. Job Selector Frame	1
9	091-992628	. Washer, Flat SAE 5/16" Std.	1
10	091-992602	. Washer, Flat SAE 1/4" Std.	4



NOTE:

(1) FOR COMPLETE ASSEMBLY ORDER 41374 FOR
MODELS 2613-2, 2613-3, 6013-2, 6013-3, 2624-5 & 2612-2H, HS-6013
FOR MODELS 1612-1, 1613-2, 1612-3, 3613-1, 3613-2, 3612-3
ORDER 41655.
FOR PAN ARM ORDER 45164

LAMP ASSEMBLY

MODEL	FIRST MACH	LAST MACH
1612-1	148-59101	
1613-2	150-59101	
1612-3	152-59101	152-63300
3613-1	149-59101	
3613-2	150-59101	
3612-3	153-59101	153-63325
2613-2	127-60139	
2613-3	128-60171	128-61230
2624-5	117-64121	
6013-2	129-60105	
6013-3	130-60107	130-61114
2613-3	198-61101	
6013-3	199-61101	
2612-2H	206-62101	
PAN ARM	131-58101	
HS-6013	139-63101	

C-8-7

CM-8-30

LAMP ASS'Y.

CODE NO.

Z-7-5

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
	41374	Lamp Line Ass'y. (For 2613-2, 2613-3, 6013-2, 6013-3, 2624-5, & 2612-2H & HB -6013).	1
	41655	Lamp Line Ass'y. (For 1612-1, 1613-2, 1612-3, 3613-1, 3613-2 & 3612-3)	1
	45164	Lamp Line Ass'y. (For Pan Arm)	1
1	17967	Lamp Socket Sub Ass'y. (Part of 41374 & 41655)	1
2	Stk. #795	Rubber Cord	1
3	16213	Plug "U" Ground	1
4	18346	Cord Grip Connector	1
5	103834	Wire Terminal	1
6	101799	Socket (250-V)	1
7	18724	Lamp Socket Sub Ass'y. (Pan Arm)	1
8	18725	Cord (Retractable)	1
9	16213	Plug "U" Ground	1
10	18346	Cord Grip Connector	1
11	19571-B	Wire Terminal	1
12	19513-B	Socket	1
13	35-9613	Retaining Ring	1
14	6134	Thumbscrew	1
15	6057	Rod (Part of 41374) 16" Long	1
16	7982	Rod (Part of 41655) 9-1/2" Long	1
17	12350	Rod (Pan Arm) 4-3/8" Long	1
18	41654	Lamp Sub Ass'y. (Part of 41374 & 41655)	1
19	43660	Lamp Sub Ass'y. (Pan Arm)	1
20	1004	Spacer	1
21	1001	Arm	1
22	22495	Swivel Arm	1
23	10822	Thumbscrew	1
24	42537	Lamp Shade	1
25	1878	Lamp (75W-110 V)	1
26	17734	Lamp Socket Ass'y. (For Los Angeles machines)	1

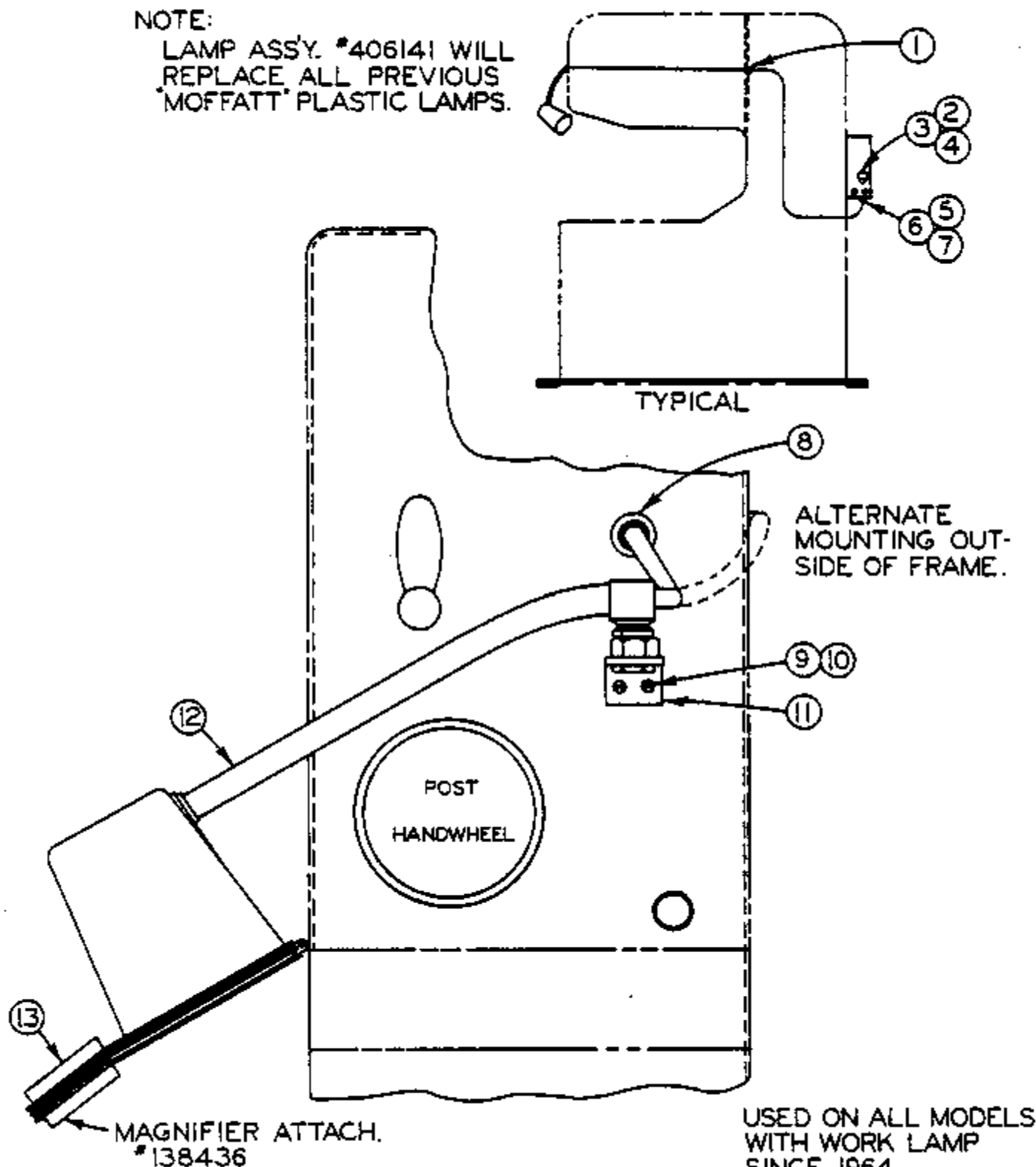
O.S.H.A. REQUIREMENT:

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

REVISIONS
REDAM
5-23-75 W.S.

NOTE:

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



LAMP & MAGNIFIER
ASSEMBLIES

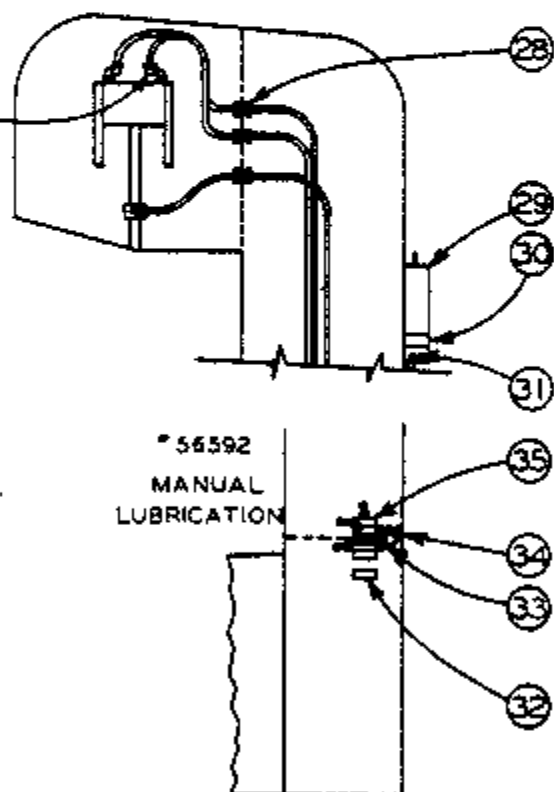
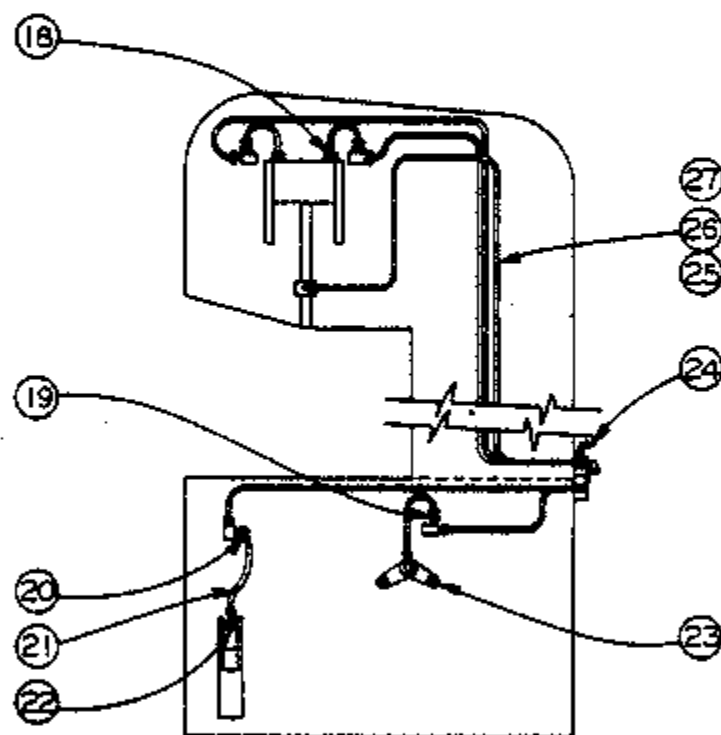
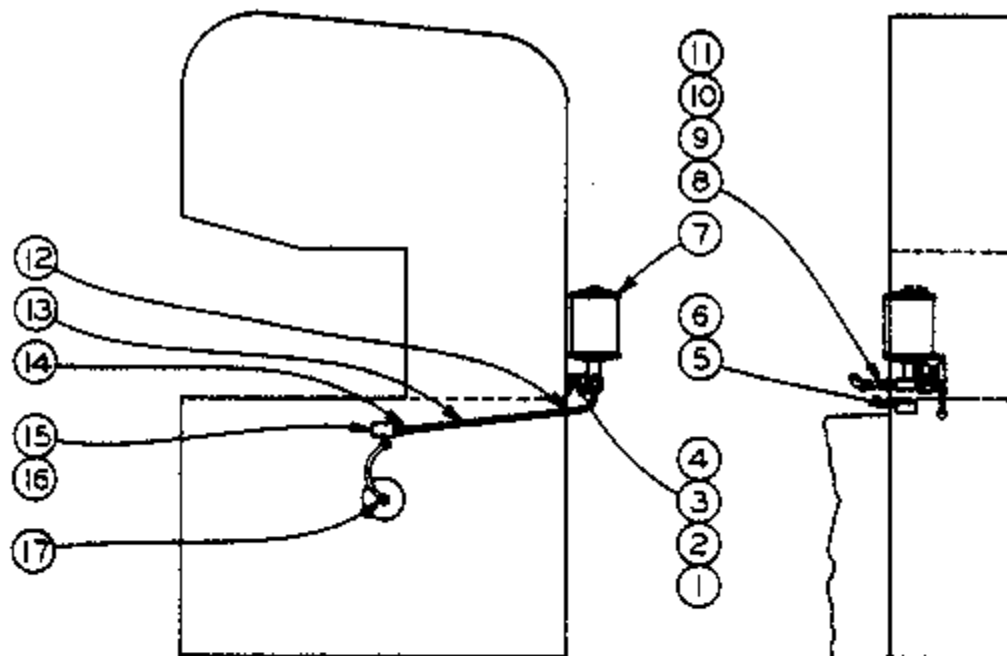
USED ON ALL MODELS
WITH WORK LAMP
SINCE 1964.

	C-8-8
	CM-8-31
	PS-8-103
CODE NO.	TF-4-100
	F9-6.1
	Z-7-61

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

REVISION
8-28-67
REVISED
7-20-66
SCL 11-13-76
REV 2-2-79

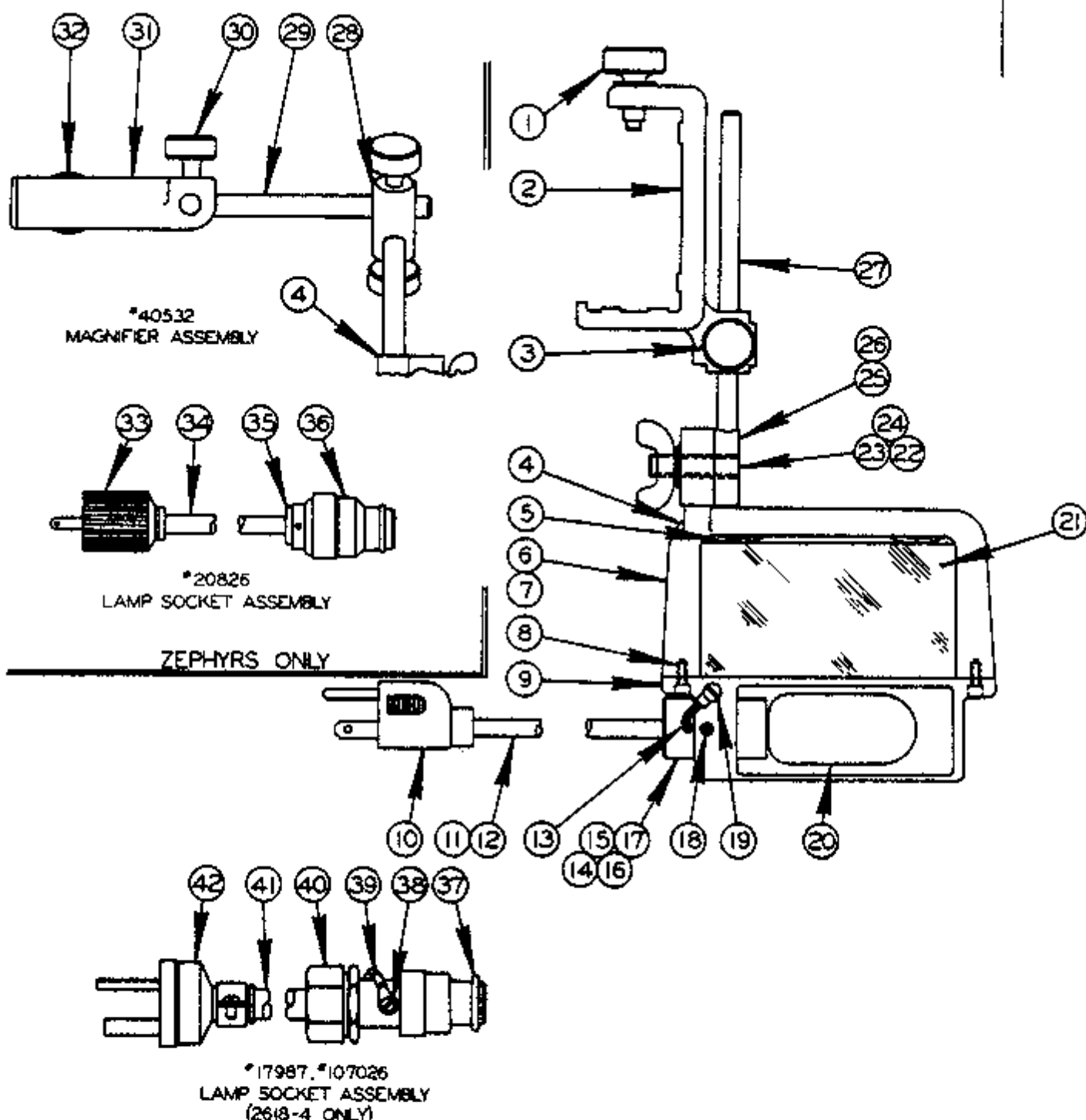


LUBRICATION ATTACHMENT (CENTRALIZED)

MODEL	FIRST MACH.	LAST MACH.
1612-1	148-59101	148-731539
2612-1	172-60101	172-66229
3613-1	149-59101	149-73706
1613-2	150-59101	150-75655
3613-2	151-59101	151-756083
2612-2H	206-68260	206-73347
2613-2	127-67273	127-72297
6013-2	129-67112	129-70118

CENTRALIZED LUBRICATION ATTACHMENT ASSEMBLY

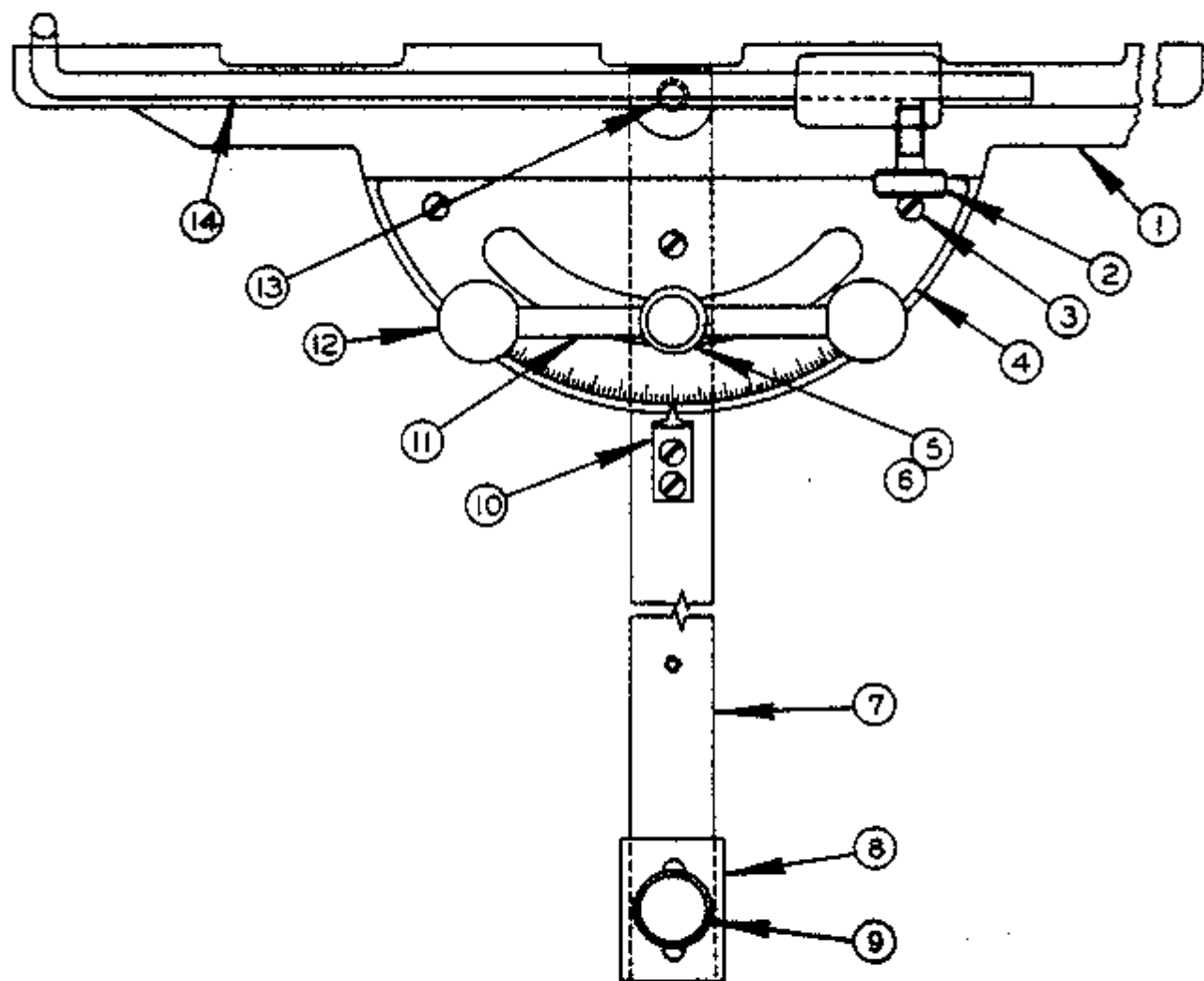
INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	56591	Centralized Lubrication Attachment Assembly	
Ref.	56592	Manual Lubrication Attachment Assembly	
1	091-082057	Reservoir Bracket	1
2	091-980086	Screw, Hex. Hd. Cap 1/4-20NC x 3/4	2
3	091-991158	Nut, Hex. 1/4-20NC	A.R.
4	091-993212	Washer, Lock 1/4" Std.	A.R.
5	091-082974	Auto. Oil Res. Plate	1
6	091-993964	Screw, Drive #2 x 3/16 Type "U"	8
7	091-082040	Oil Reservoir	1
8	090-084377	St. Connector	1
9	090-084385	90° Connector	1
10	091-971564	Sealtite Conduit 1/2"	A.R.
11	091-971903	Wire, Stranded #14 Red.....	A.R.
12	090-157801	Grommet	1
13	091-971374	Nylon Tubing 1/4" O.D.	A.R.
14	090-014002	Male Connector	7
15	091-079673	Manifold	A.R.
16	091-980110	Screw, Hex. Hd. Cap 1/4-20NC x 1/4.....	A.R.
17	135-024560	Reducer Bushing (#56591 Only)	2
	090-330937	Shaft (#56592 Only) (Used on 1612-1 and 3613-1)	1
18	090-011651	Adaptor (#56591)	2
19	090-038498	Swivel Adaptor (#56591)	5
20	090-171109	90° Elbow (#56591)	3
	090-014028	90° Elbow (#56592)	6
21	090-069691	Hose (#56591)	5
	091-971374	Nylon Tubing 1/4" O.D. (#56592)	A.R.
22	091-070839	Weight Bracket	1
23	090-477811	Arm (#56592)(Used on 1612-1 AND 3613-1).....	1
	090-477829	Arm (Used on 2612-1)	1
	090-477837	Arm (#56592) (Used on 1613-2 and 3613-1)	1
	090-413725	Arm (#56592) (Used on 2613-2, 6013-2 & 2612-2H)	1
24	090-087909	Grease Fitting (#56591)	1
25	090-169681	Tubing Clamp	A.R.
26	091-986919	Screw, Fil. Hd. Mach. #8-32NC x 1/4	A.R.
27	091-070821	90° Elbow	A.R.
28	090-095878	Bulkhead Union (#56592)	3
29	091-070870	Manual Pump (#56592)	1
30	091-982512	Screw, Soc. Hd. Cap 1/4-20NC x 3- 1/2 (#56592)	2
31	090-014077	90° Male Connector (#56592)	6
32	091-082966	Grease Instruction Plate	1
33	105-275069	90° Elbow	1
34	090-150301	Grommet	2
35	091-245951	Valve Manifold	1



MAGNIFIER ATTACHMENT
ASSEMBLY

MAGNIFIER ATTACHMENT ASSEMBLY

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASSY
Ref.	135-005551	Magnifier Attachment Assembly(1612, 1612-0, 1612-H, 1612-1, 1613-2, 1612-3, 2012-A, 2012-AT, 2013, 2013-0, 2012-1A, 2012-1AT, 2013-1, 2013-10, 2612-H, 2612-1, 3612, 3613-0, 3612-H, 3613-1, 3613-2, 3612-3, 2614-1, 2012-1H, 2012-2H, 2012-1H3, 2012-2H3, 3612-1H3, 3612-2H3)	
Ref.	090-428723	Magnifier Attachment Assembly(2613-2, 2613-3, 6013-2, 6013-3, 6013-H3, 2612-1H3)	
Ref.	090-477670	Magnifier Attachment Assembly(2618-4)	
Ref.	090-405325	Magnifier Attachment Assembly(ZS-3620, ZV-3620, ZW-3620)	
1	134-174010	Thumbnut(As'sys #135-005551, #090-428723, #090-477670)	1
	091-982421	Screw, Soc. Hd. Mach. 1/4-20NC x 1	2
2	093-001899	Post Clamp(Assembly #135-005551)(1-1/2" Post)	Use
	090-243932	Post Clamp(Assembly #090-428723)(2-3/4" Post)	
	090-477639	Post Clamp(Assembly #090-477670)(3-1/4" Post)	
	094-000734	Post Clamp(Assembly #090-477670)(Extra Work Height)	One
3	135-005544	Thumb Nut	1
4	090-451055	Magnifier Sub-Assembly (Assembly #135-005551, #090-428723)	Use
	090-477688	Magnifier Sub-Assembly (Assembly #090-477670)	
	090-412529	Magnifier Sub-Assembly (Assembly #090-405325)	One
5	135-021046	Lens Spring	2
6	135-052694	Magnifier Housing Sub-Assembly	1
7	135-005528	Frame	1
8	091-986901	Screw, Fil. Hd. Mach. #6-32NC x 3/8	2
9	135-005536	Housing	1
10	093-021681	Lamp Socket Assembly (Assembly #090-451055 Only)	1
11	091-305383	Electrical Cord	1
12	091-038372	Wire Terminal	2
13	091-038349	Wire Terminal	1
14	091-035360	Socket Bushing	1
15	091-338848	Socket 75-W, 125-V	1
16	091-305375	Strain Relief	1
17	091-984062	Screw, Soc. Set #8-32NC x 1/4	1
18	091-984104	Screw, Soc. Set #10-24NC x 1/4	1
19	091-988519	Screw, Rd. Hd. Mach. #8-32NC x 1/4	1
20	091-338749	Lamp (Assembly #090-451055, #090-412529)	Use
	090-195124	Lamp (Assembly #090-477688)	One
21	134-175017	Magnifying Lens	1
22	135-005593	Pivot Stud	1
23	091-992628	Washer 5/16" SAE Std.	1
24	135-005627	Wing Nut	1
25	135-005601	Post Arm Swivel Sub-Assembly (Assembly #090-451055)	Use
	091-070250	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

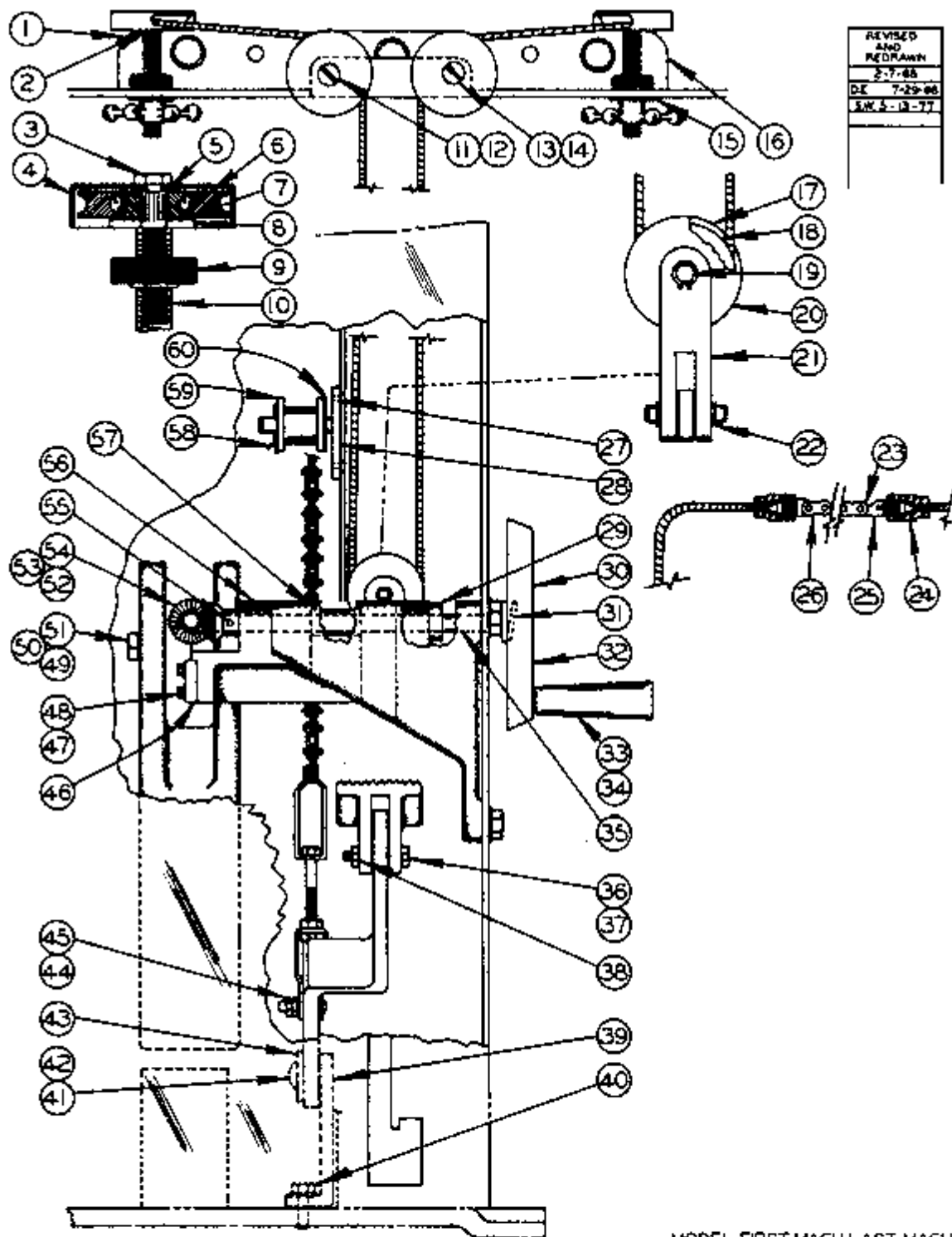


NO. 3
SLOT-TYPE MITERING ATTACHMENT

NO. 3 SLOT-TYPE MITERING ATTACHMENT

INDEX NO.	PART NO.	DESCRIPTION	UNITS P ASS'Y
Ref.	50663	No. 3 Slot-Type Mitring Attachment	
1	51496	. Mitre Head	1
2	34-17401	. Thumb Screw	1
3	198867	. Screw, Rd. Hd. Mach. #10-24NC x 3/8	5
4	35-1614	. Retractor Plate	1
5	11635	. Stud	1
6	199265	. Washer 7/16 Std.	1
7	22956	. Slide Bar	1
8	4709	. Stop	1
9	4708	. Thumb Screw	1
10	11633	. Pointer	1
11	11634	. Shaft	1
12	14-115183	. Knob	2
13	14-473	. Dowel	1
14	35-1976	. Gage Rod	1

NOTE: This Assembly fits all machines with 1 inch filler plate slot.



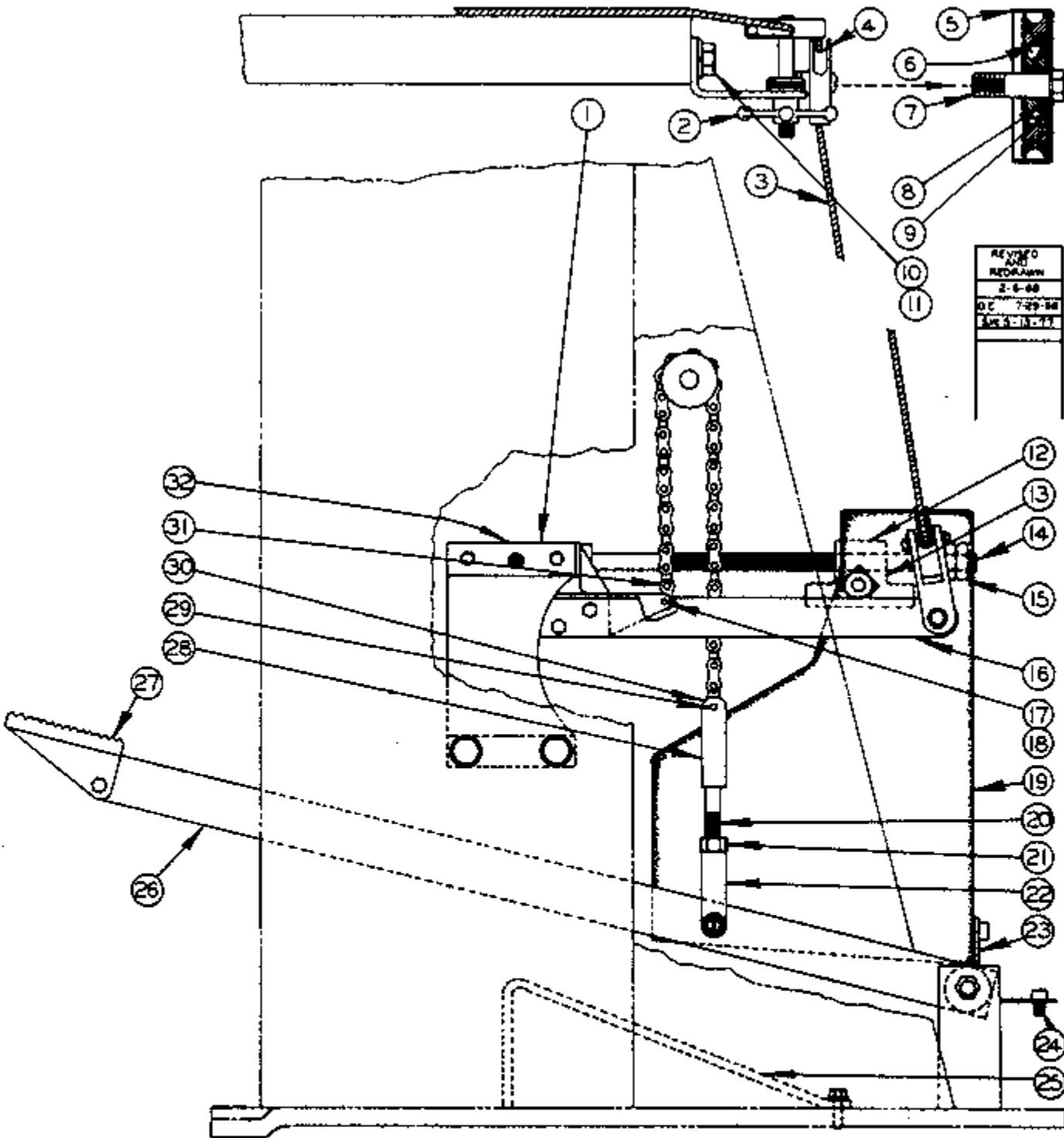
WEIGHT FEED ASS'Y

MODEL	FIRST MACH	LAST MACH
2612-1	172-60101	172-68229
2613-2	127-60139	127-72297
6013-2	129-60105	129-70118
3613-2	151-59101	151-75608.3
1613-2	150-59101	150-75855
3613-1	149-59101	149-73706
1612-1	148-59101	148-731539
1612-0	209-62101	209-681820
1611-U	270-68101	270-68156
3612-U	271-68101	271-68131
1612-0	277-68101	277-751728
3613-0	244-66101	244-68192
3613-0	278-68101	278-77825
2612-1	285-68101	285-70115
1612	287-68101	287-76450
3612	291-68101	291-77235
3612-1	380-77101	
3613-10	381-77101	

WEIGHT FEED ASSEMBLY

INDEX NO. REF.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
	090-540980	Weight Feed Ass'y (1611-U, 3612-U, 1612, 3612, 1612-0, 3613-0 1612-1, 3613-1, 2612-1)	
REF.	090-593310	Weight Feed Ass'y (1613-2, 3613-2, 2613-2, 6013-2)	
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, Shakeproof #1214	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	091-987677	. . . Screw, Flat Hd. Mach. 5/16-18NC x 1/2	4
28	091-186957	. . . Roller Bracket Weldment	1
*29	134-054105	. . . Collar	2
*30	090-275272	. . . Handwheel Assembly (Assembly #090-540980)	Use
	090-372988	. . . Handwheel Assembly (Assembly #090-593310)	One
*31	090-042599	. . . Roll Pin	1
*32	090-425489	. . . Handwheel	1
*33	091-181164	. . . Handle (Assembly #090-275272)	Use
	134-055136	. . . Handle (Assembly #090-372988)	One
*34	091-181172	. . . Pin	1
*35	090-167958	. . . Shaft	1
36	091-980128	. . . Screw, Hex. Hd. Cap 1/4-20NC x 11/2	1
37	091-993212	. . . Washer, Lock 1/4" Std.	1
38	091-991158	. . . Nut, Hex. 1/4-20NC	1
39	091-188649	. . . Bracket Weldment	1
40	091-980458	. . . Screw, Hex. Hd. Cap 3/8-16NC x 7/8	2
41	091-990200	. . . Screw, Oven Hd. Mach. 1/4-20NC x 1/2	1
42	091-992685	. . . Washer 3/4" Std.	1
43	105-133177	. . . Washer	1
44	091-990325	. . . Screw, Oven Hd. Mach. 3/8-16NC x 11/4	1
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	091-991315	. . . Nut, Hex. 1/2-13NC	1
50	091-993279	. . . Washer, Lock 1/2" Std.	1
51	091-980748	. . . Bolt, Hex. Hd. Mach., 1/2-13NC x 31/2	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	091-995142	. . . Cotter Pin, 3/32 Dia. x 11/2	1
59	090-168766	. . . Chain Roller	1
60	091-993048	. . . Washer, Wrought 1/2" Std.	1

*NOTE: Stamped items are part of Hinge Assembly #090-447962 & #090-4009487.



WEIGHT FEED ASSY

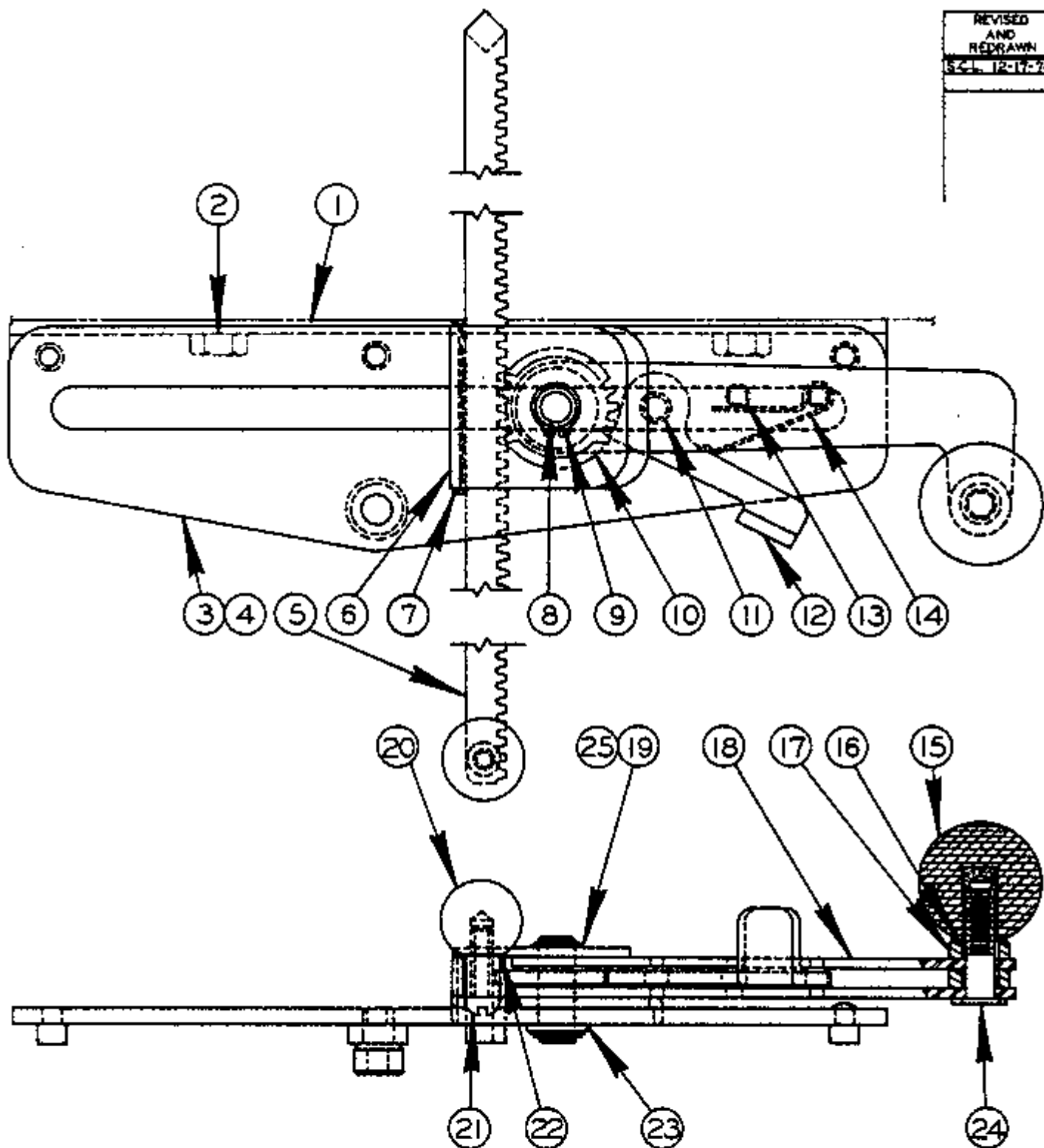
MODEL	FIRST MACH	LAST MACH
2612-1	172-60101	172-66229
2613-2	127-60139	127-72297
6013-2	129-60055	129-70118
3613-2	151-59101	151-756083
1613-2	150-59101	150-75655
3613-1	149-59101	149-73706
1612-1	148-59101	148-731539
1612-0	209-62101	209-681820
1511-U	270-68101	270-68101
3612-U	271-68101	271-68101
1612-0	277-68101	277-751728
3613-0	244-66101	244-68192
3613-0	278-68101	278-77825
2612-1	285-68101	285-70115
1612	287-68101	287-76450
3612	291-68101	291-77235
3612-1	380-77101	
3613-10	381-77101	

WEIGHT FEED ASSEMBLY

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
REF.	090-540980	Weight Feed Assembly (1611-U, 3612-U, 1612, 3612, 1612-0, 3613-0, 1612-1, 3613-1, 2612-1)	
REF.	090-593310	Weight Feed Assembly (1613-2, 3613-2, 2613-2, 6013-2)	
1	090-447962	. Hinge Assembly (Assembly #090-540980)	Use
	094-009487	. Hinge Assembly (Assembly #090-593310)	One
*2	134-131069	. Handwheel	2
*3	105-135099	. 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, Shakeproof #1214	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	8
11	091-993329	. Washer, Lock 3/8" Std.	10
**12	090-213448	. . Weight Bracket Screw Assembly	1
**13	105-131056	. . . Weight Bracket	1
**14	105-134019	. . . Weight Adjusting Screw	1
**15	105-134100	. . Stop 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	091-980524	. Screw, Hex. Hd. Mach. 3/8-16NC x 2 1/2	1
21	091-991265	. Nut, Hex. 3/8-16NC	2
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	090-275264	. 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

*NOTE: Single starred items #2 through #9 are part of Bracket and Cable Assembly #135-053221.

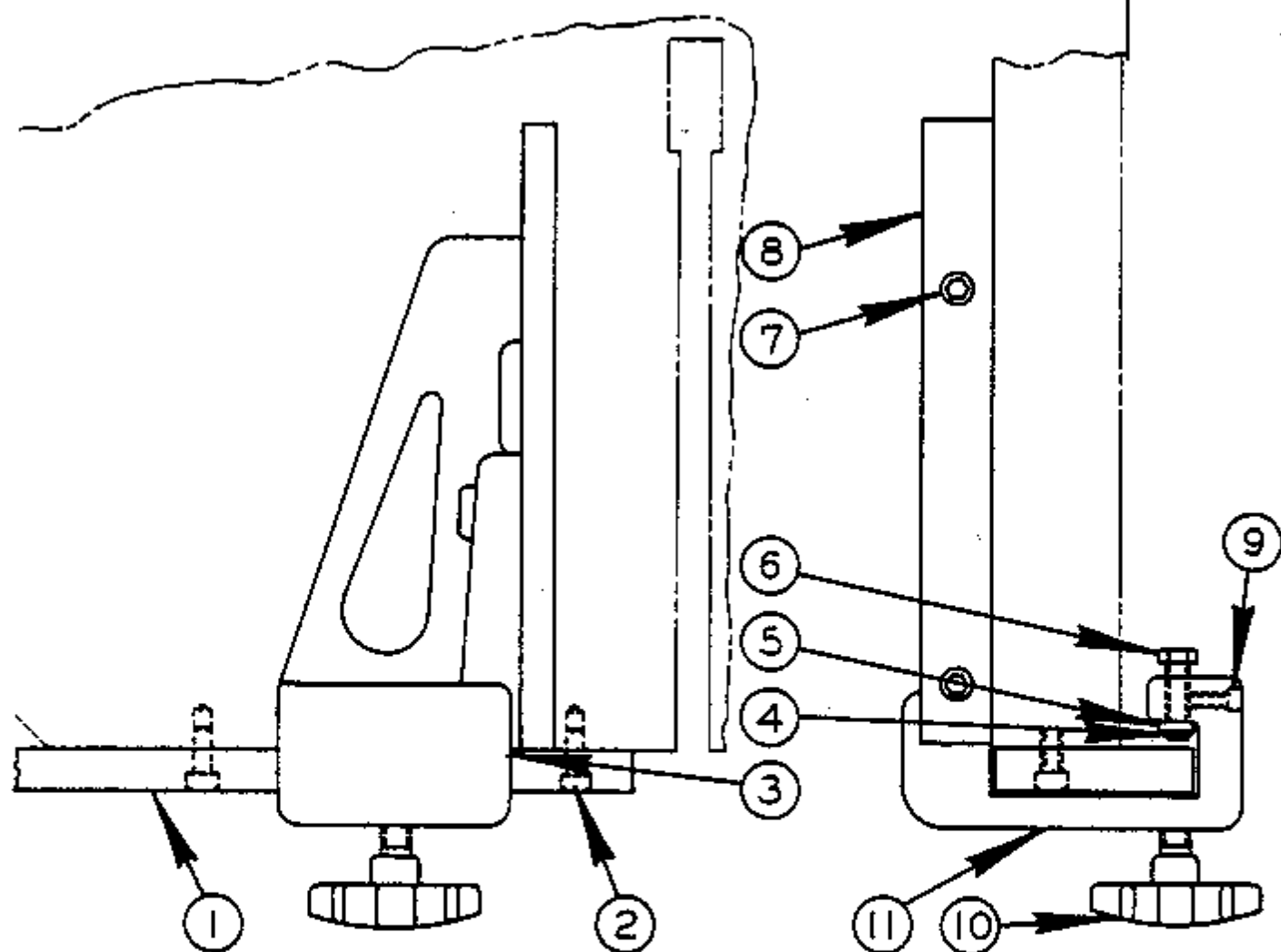
**NOTE: Double starred items are part of Hinge Assembly #090-447962 & #094-009487.



RATCHET TABLE FEED ASSEMBLY

RATCHET TABLE FEED ASSEMBLY

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

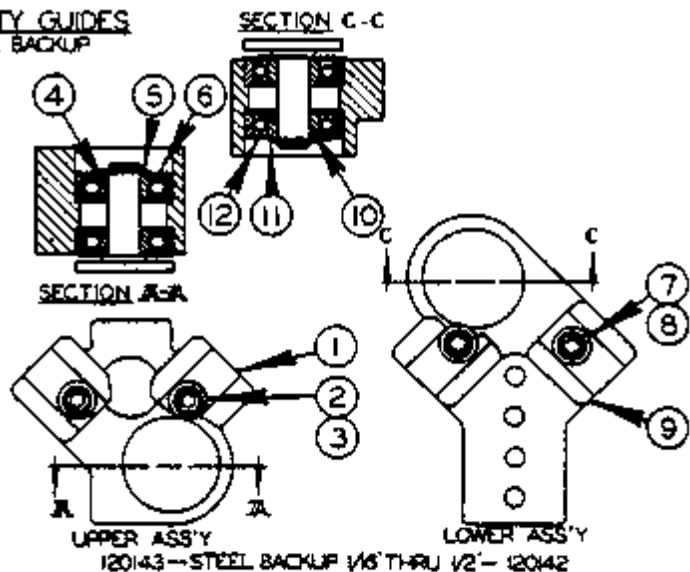
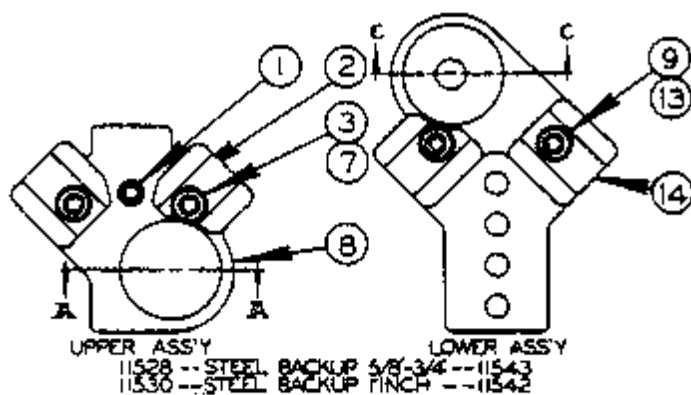


RIP FENCE ASSEMBLY

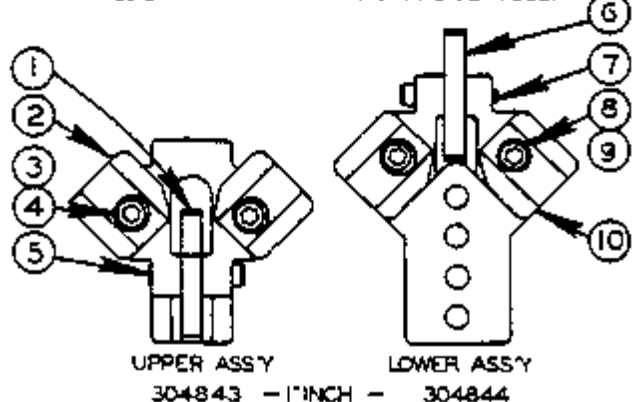
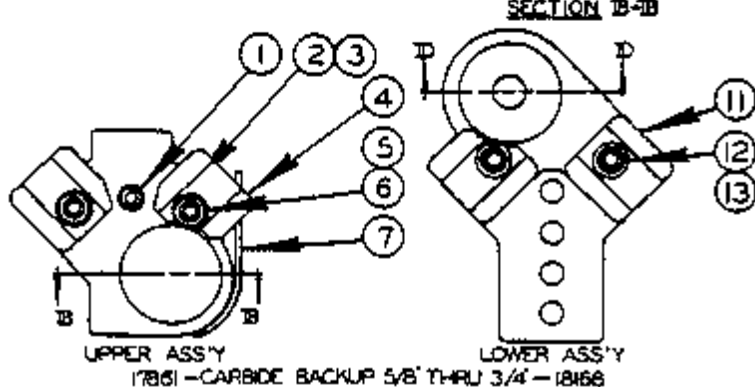
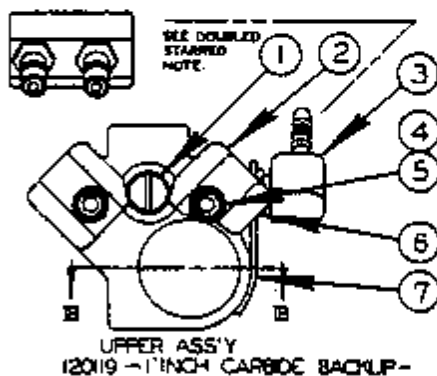
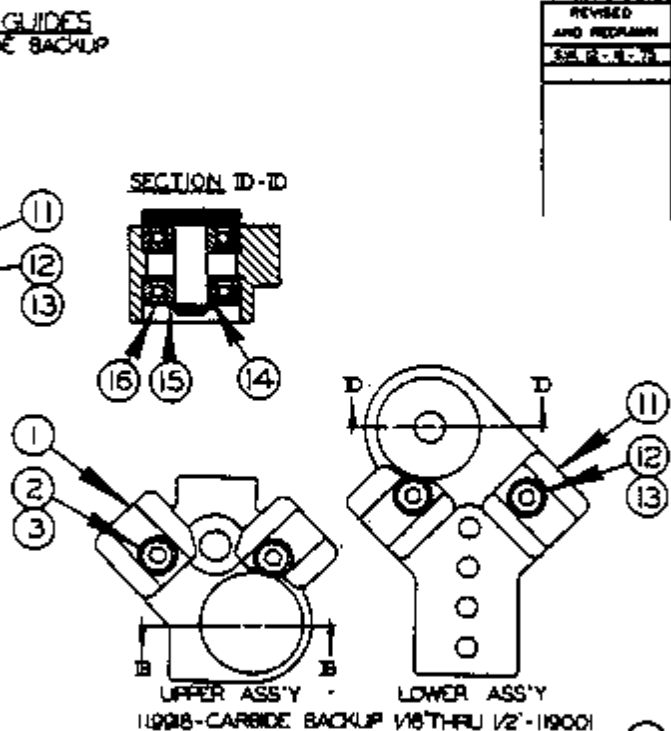
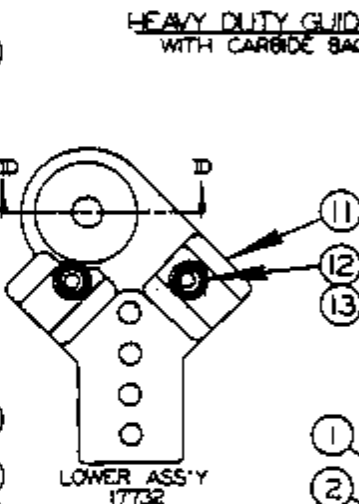
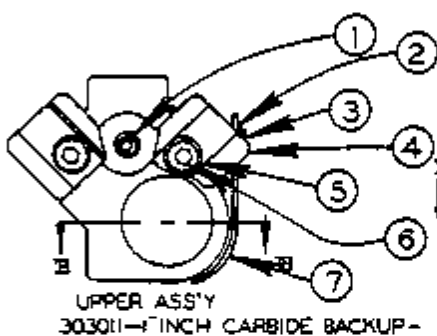
RIP FENCE ASSEMBLY

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

**HEAVY DUTY GUIDES
WITH STEEL BACKUP**



**HEAVY DUTY GUIDES
WITH CARBIDE BACKUP**



SAW GUIDE SELECTION

• 121230

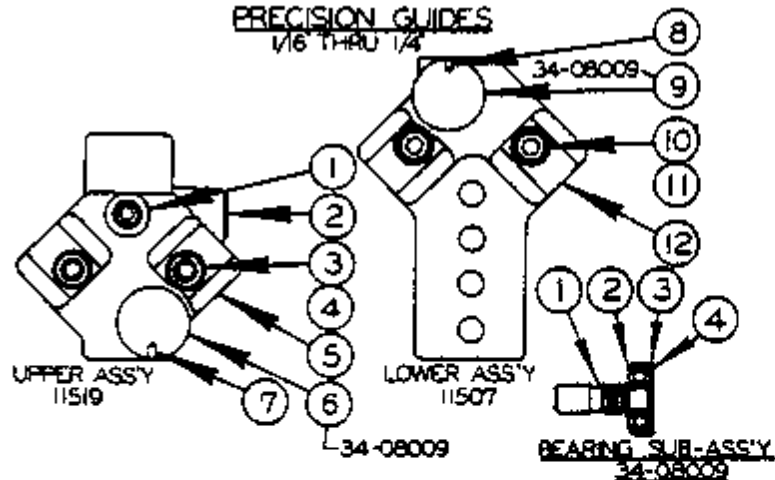
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SAW GUIDE SELECTION

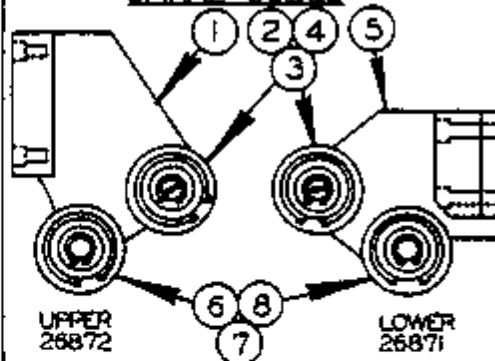
INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASSY.	INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASSY.
HEAVY DUTY GUIDES (STEEL BACKUP)							
Ref.	091-201434	Upper Saw Guide Ass'y. (1/16" to 1/2")		15	090-115411	Retaining Ring	1
1	090-380767	Upper Saw Guide Block	1	16	090-115296	Bearing	2
2	091-982447	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
				7	090-183377	Guide Guard	1
Ref.	090-115429	Lower Saw Guide Ass'y. (1")		8	090-172180	Bearing Cap	1
9	091-982421	Screw, Soc. Hd. Cap 1/4-20NC x 1 (5/8" to 3/4")	2	9	090-115411	Retaining Ring	1
	091-982447	Screw, Soc. Hd. Cap 1/4-20NC x 1-1/4 (1")	2	10	090-115296	Bearing	2
10	090-115403	Bearing Cap	1	Ref.	091-201194	Upper Saw Guide Ass'y. (1")	
11	090-115411	Retaining Ring	1	1	090-335092	Coolant Nozzle	1
12	090-115296	Bearing	2	2	090-336314	Upper Saw Guide Block	1
13	134-085026	Washer	2	3	091-081166	90° Barbed Insert	1
14	090-252586	Lower Saw Guide Block (5/8" to 3/4")	USE	4	091-982447	Screw, Soc. Hd. Cap 1/4-20NC x 1-1/4	2
	090-252578	Lower Saw Guide Block (1")	ONE	5	134-085026	Washer	2
HEAVY DUTY GUIDES (CARBIDE BACKUP)				6	091-354415	Locknut	1
Ref.	091-199182	Upper Saw Guide Ass'y. (1/16" to 1/2")		7	090-183377	Guide Guard	1
1	090-380767	Upper Saw Guide Block	1	8	090-172180	Bearing Cap	1
2	091-982389	Screw, Soc. Hd. Cap 1/4-20NC x 5/8	2	9	090-115411	Retaining Ring	1
3	134-085026	Washer	2	10	090-115296	Bearing	2
8	090-172180	Bearing Cap	1	Ref.	090-177320	Lower Saw Guide Block (1")	
9	090-115411	Retaining Ring	1	11	090-252578	Lower Saw Guide Block	1
10	090-115296	Bearing	2	12	091-982447	Screw, Soc. Hd. Cap 1/4-20NC x 1-1/4	2
Ref.	091-190017	Lower Saw Guide Ass'y. (1/16" to 1/2")		13	134-085026	Washer	2
11	090-377383	Lower Saw Guide Block	1	14	090-172180	Bearing Cap	1
12	091-982389	Screw, Soc. Hd. Cap 1/4-20NC x 5/8	2	15	090-115411	Retaining Ring	1
13	134-085026	Washer	2	16	090-115296	Bearing	2
14	090-172180	Bearing Cap	1	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	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	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.

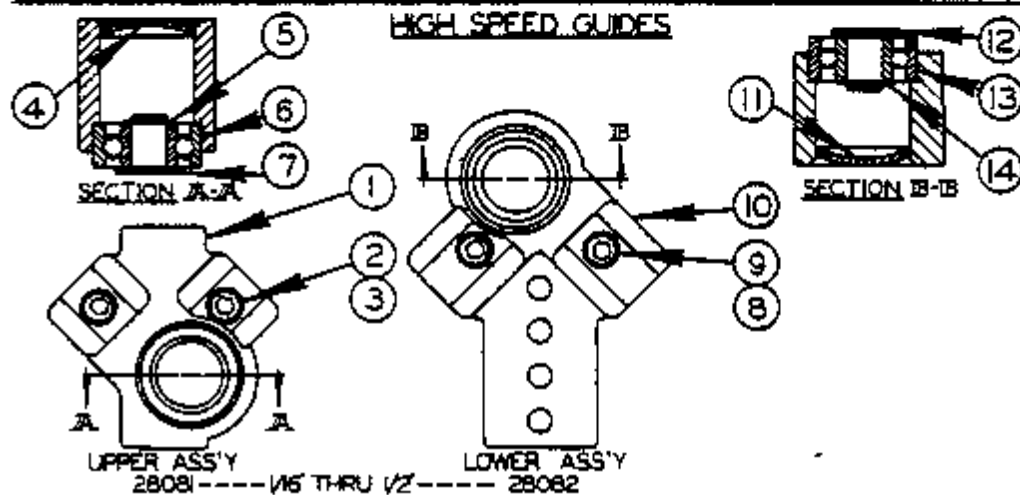
PRECISION GUIDES 1/16 THRU 1/4



SPIRAL GUIDES

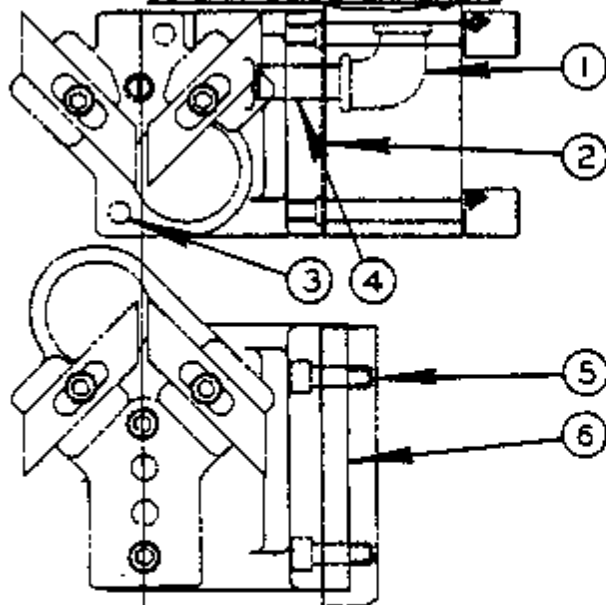


HIGH SPEED GUIDES

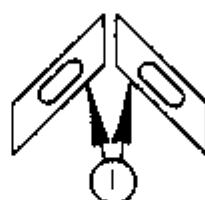


REVISED
AND REDESIGNED
SW 12-17-79

90° SAW GUIDE BRACKETS



STEEL & CARBIDE INSERT SELECTION



INSERT GAGE

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

* 44804
ACCESSORY

SAW GUIDE SELECTION
* 121230

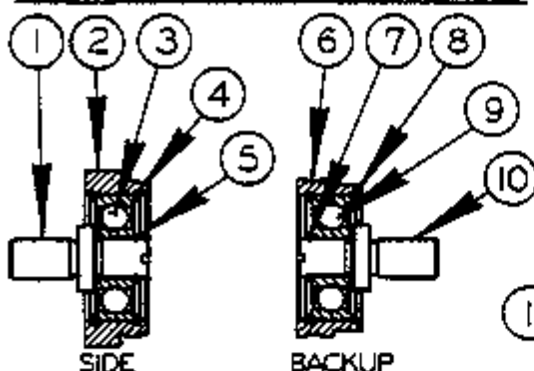
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SAW GUIDE SELECTION

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	091-203495	. Soc. Hd. Pipe Plug	1
3	091-982389	. Screw, Soc. Hd. Cap 1/4-20NC x 5/8	2
4	134-083026	. 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	134-083026	. 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	134-083026	. 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	134-083026	. 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	090-273975	. 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	090-273966	. 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

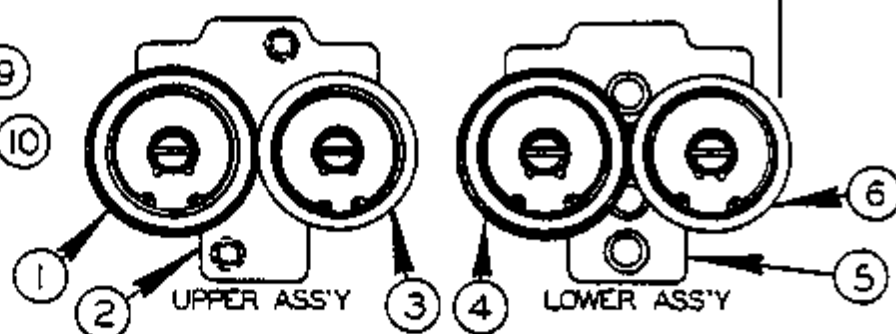
Ref.	Steel Insert (4 Req'd)	Ref.	Carbide Insert (4 Req'd)
1	090-044991	090-161688	1/4"
	090-044983	090-161704	3/8"
	090-044975	090-132911	1/2"
	090-044967	091-058941	5/8"
	090-044959	090-132929	3/4"
	090-039603	090-089822	1"
	090-039595		
	090-039587		
	090-039579		
	090-039561		

TYPE I ROLLER & SPINDLE ASSEMBLY

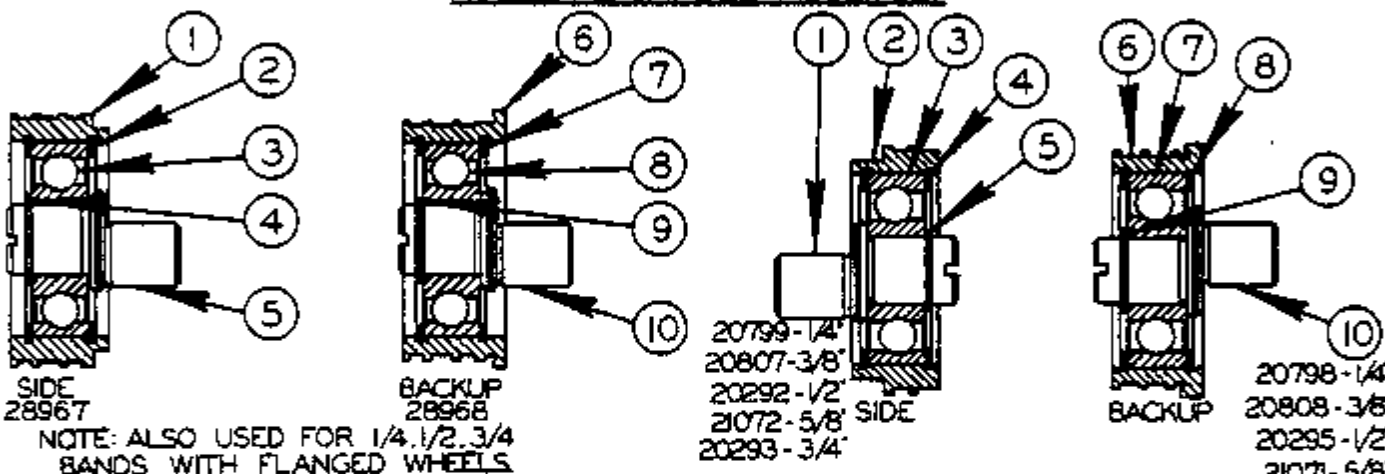


TYPE IA ROLLER SAW GUIDES W/ROLLERS

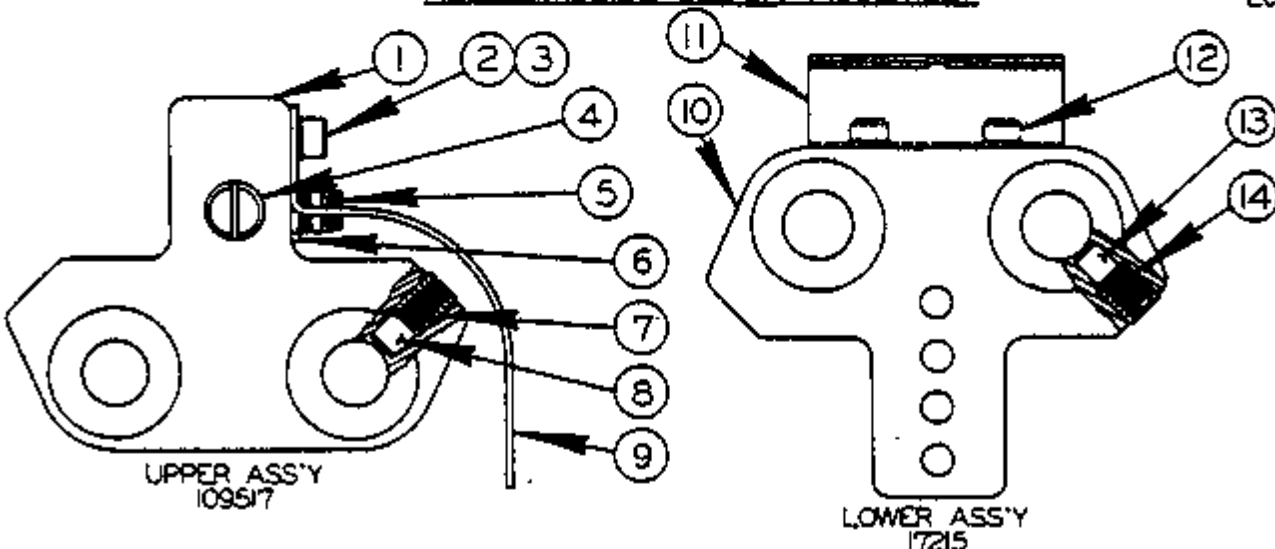
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TYPE II ROLLER & SPINDLE ASSEMBLY



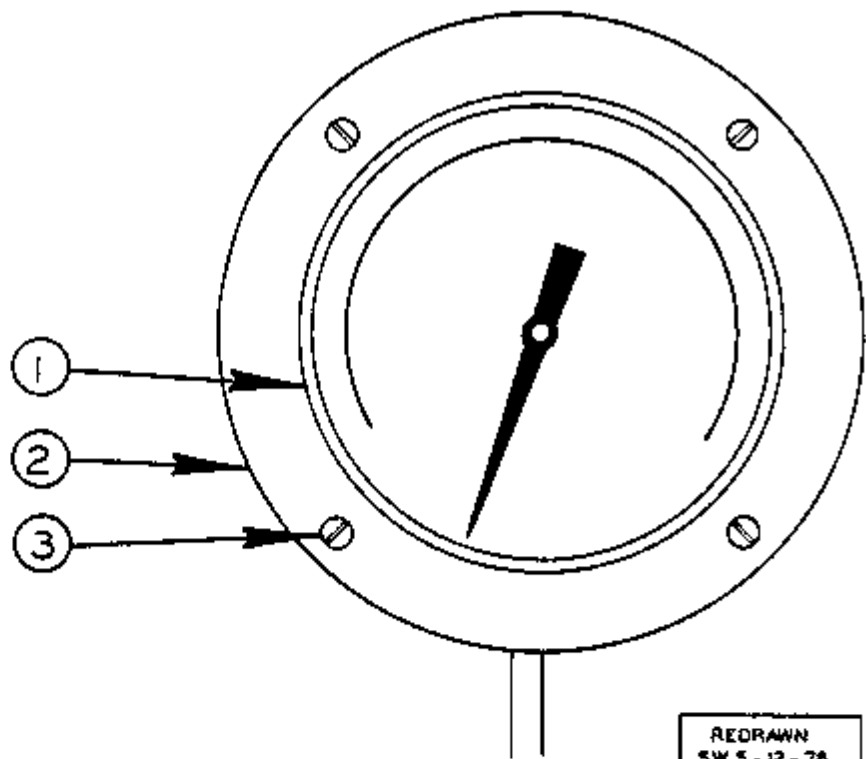
ROLLER GUIDE BLOCK ASSEMBLY



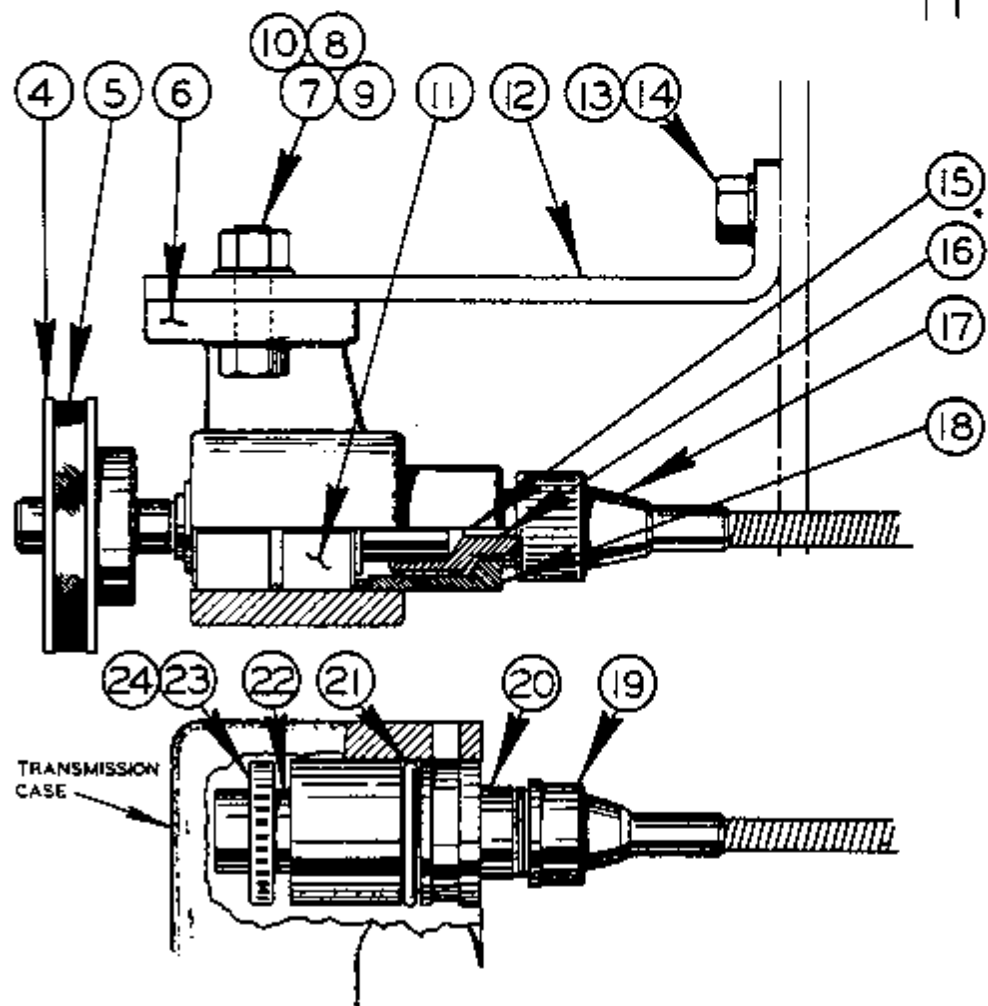
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SAW GUIDE SELECTION

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. Z99300XR1E) ...	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"		Ref.	090-202938	Guide Roller Ass'y 3/4" Side	
	Backup			1	090-135302	. Spindle	1
REF.	090-289786	Flanged Roller Sub-Assembly 3/8"		2	090-135310	. Guide Roller 1/4"	Use
	Backup				090-135401	. Guide Roller 3/8"	
REF.	090-289760	Flanged Roller Sub-Assembly 1/2"			090-135336	. Guide Roller 1/2"	
	Backup				090-135427	. Guide Roller 5/8"	
6	090-289836	. Flanged Roller 1/4"	Use		090-135351	. Guide Roller 3/4"	One
	090-289794	. Flanged Roller 3/8"		3	090-017799	. Bearing	1
	090-289778	. Flanged Roller 1/2"	One	4	090-013038	. Retaining Ring	2
7	090-115411	. Snap Ring	1	5	090-015686	. Retaining Ring	1
8	091-000463	. Internal Ring	2	Ref.	090-207986	Backup Roller Guide Ass'y 1/4"	
9	090-115296	. Bearing (N.D. Z99300XR1E) ...	1	Ref.	090-208083	Backup Roller Guide Ass'y 3/8"	
10	090-182965	. Bearing Shaft	1	Ref.	090-202953	Backup Roller Guide Ass'y 1/2"	
TYPE IA - ROLLER SAW GUIDES WITH ROLLERS							
REF.	090-292566	Upper Roller Saw Guide Assembly 1/4"		Ref.	090-202961	Backup Roller Guide Ass'y 3/4"	
REF.	090-292582	Upper Roller Saw Guide Assembly 3/8"		6	090-135328	. Backup Roller 1/4"	Use
REF.	090-295064	Upper Roller Saw Guide Assembly 1/2"			090-135419	. Backup Roller 3/8"	
1	Ref.	Select flanged backup roller sub-ass'y from type I detail and parts list.			090-135344	. Backup Roller 1/2"	
2	090-289604	. Upper Saw Guide Block	1		090-135435	. Backup Roller 5/8"	
3	Ref.	Select side roller sub-ass'y from type I detail and parts list.		7	090-135369	. Backup Roller 3/4"	One
	091-982397	. Scr., Soc. Hd. Cap 1/4-20NC x 3/4 (Not Shown)	2	8	090-017799	. Bearing	1
	091-993212	. Washer, Lock 1/4 Std. (Not Shown)	2	9	090-013038	. Retaining Ring	2
REF.	090-292574	Lower Roller Saw Guide Ass'y 1/4"		10	090-015686	. Retaining Ring	1
REF.	090-292590	Lower Roller Saw Guide Ass'y 3/8"			090-135302	. Spindle	1
REF.	090-295056	Lower Roller Saw Guide Ass'y 1/2"		Ref.	091-095174	Roller Guide Block Assembly	
4	Ref.	Select flanged backup roller sub-ass'y from type I detail and parts list.		1	090-335175	Upper Guide Sub-Assembly	
5	090-289612	. Lower Saw Guide Block	1	2	091-982363	. Upper Guide Block	1
6	Ref.	Select side roller sub-ass'y from type I detail and parts list.		3	091-993212	. Scr., Soc. Hd. Cap 1/4-20NC x 1/2	1
	091-982397	. Scr., Soc. Hd. Cap 1/4-20NC x 3/4 (Not Shown)	2	4	091-993212	. Washer, Lock 1/4 Std.	1
	091-993212	. Washer, Lock 1/4 Std.	2	5	090-335092	. Coolant Nozzle	1
TYPE II - ROLLER AND SPINDLE ASSEMBLY							
REF.	090-289679	Side Roller Guide Assembly		6	114-145287	. Close Nipple	1
1	091-007583	. Guide Roller 1"	1	7	107-0151045	. Hex. Pipe Nipple	1
2	090-013038	. Retaining Ring	2		091-984484	. Scr., Soc. Hd. Set 3/8-16NC x 3/8	2
3	090-017799	. Bearing	1	8	090-017419	. Plug	2
4	090-015686	. Retaining Ring	1	9	090-336363	. Coolant Guard	1
5	090-135302	. Spindle	1			. Cloth Bag (Not Shown)	1
				Ref.	090-172156	Lower Guide Sub-Assembly	
				10	090-277435	. Lower Guide Block	1
				11	090-021403	. Chip Deflector	1
				12	091-982355	. Scr., Soc. Hd. Cap 1/4-20NC x 3/8	2
				13	090-017419	. Plug	2
				14	091-984492	. Scr., Soc. Hd. Set 3/8-16NC x 1/2	2



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REVISIONS



TRANSMISSION
CASE

SPEED INDICATOR ASSEMBLY

SPEED INDICATOR ASSEMBLY

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.		Speed Indicator Assembly	
1	090-275199	• Speed Indicator Head (3 Speed Trans.)(2613-2, 6013-2, 2612-1H, 2612-2H, 2612-H, 2613-1H, 2612-1H3, 2614-1)	
	090-447897	• Speed Indicator Head (1 Speed Trans.)(2613-2, 6013-2)	
	090-454257	• Speed Indicator Head (1612-1, 3613-1, 1612-0, 3613-0, 1611-H, 1612-H, 3612-H, 3613-10, 3612-1H)	
	090-210956	• Speed Indicator Head (1612-3, 3612-3, 1613-2, 3613-2, 3612-1H3)	
	090-419680	• Speed Indicator Head (2613-3, 6013-3, 6013-H3)	
	090-448770	• Speed Indicator Head (Used on all 6013-3 Before Ser.#199-70130)	
	090-449646	• Speed Indicator Head (2612-1)	
2	090-174780	• Speed Indicator Bezel(1612-0,3613-0,1612-1,3613-1,1613-2,3613-2,2612-1, 2613-2,2614-1,3613-10,6013-2,1612-3,3612-3,1611-H,1612-H,3612-H, 2612-H,2612-2H,2613-1H,2612-1H3,3612-1H3,3612-1H,6013-3,6013-H3)	1
	106-054026	• Speed Indicator Bezel(2613-3,2612-1H,(used with #090-448770 on old 6013-3))	1
3	091-988717	• Screw, Rd. Hd. Mach. #10-24NC x 5/8	4
4	106-055056	• Pulley	1
	091-984377	• Screw, Soc. Set 5/16-18NC x 1/2	1
5	135-076321	• Belt (1612-1, 1612-0)	1
	090-072778	• Belt (1611-H, 1612-H)	1
	111-055083	• Belt (3613-1,3613-0,3613-10,3612-H,3612-1H)	1
6	134-051085	• Bracket	1
7	091-980300	• Screw, Hex. Hd. Cap 5/16-18NC x 1 1/4	2
8	091-991224	• Nut, Hex. 5/16-18NC	2
9	091-993238	• Washer, Lock 5/16" Std.	1
10	091-993014	• Washer 5/16" Std.	2
11	106-054067	• Shaft & Bearing	1
12	090-374885	• Bracket	1
13	091-980441	• Screw, Hex. Hd. Cap 3/8-16NC x 3/4	2
14	091-993329	• Washer, Lock 3/8 Std.	2
15	090-078320	• Cable Key	1
16	106-054042	• Bearing Coupling	1
17	134-055086	• Speed Indicator Cable (1612-1)	1
	090-102104	• Speed Indicator Cable (3613-1,1613-2,3613-2,3612-3,3612-1H3)	1
	091-186932	• Speed Indicator Cable (1612-0,3613-0,1611-H,1612-H,3612-H)	1
	091-433292	• Speed Indicator Cable (3613-10,3612-1H)	1
18	106-054059	• Coupling Housing	1
19	090-094970	• Speed Indicator Cable (3 Speed Trans.)(6013-2,6013-3,6013-H3)	1
	090-220401	• Speed Indicator Cable (1 Speed Trans.)(6013-2)	1
	090-298126	• Speed Indicator Cable (2613-2)	1
	135-008928	• Speed Indicator Cable (1612-0,3613-0,1613-2,2613-2,1612-3,2612-1H, 2612-2H,2612-1,2612-H,2614-1,2613-1H,2612-1H3)	1
	090-102112	• Speed Indicator Cable (2613-3)	1
20	090-112731	Tachometer Drive Assembly (See Transmission Page)	
21	090-022781	• "O"-Ring	1
22	090-022716	• Spacer	1
23	090-105404	• Helical Gear	1
24	090-042292	• Roll Pin	1

3613-2

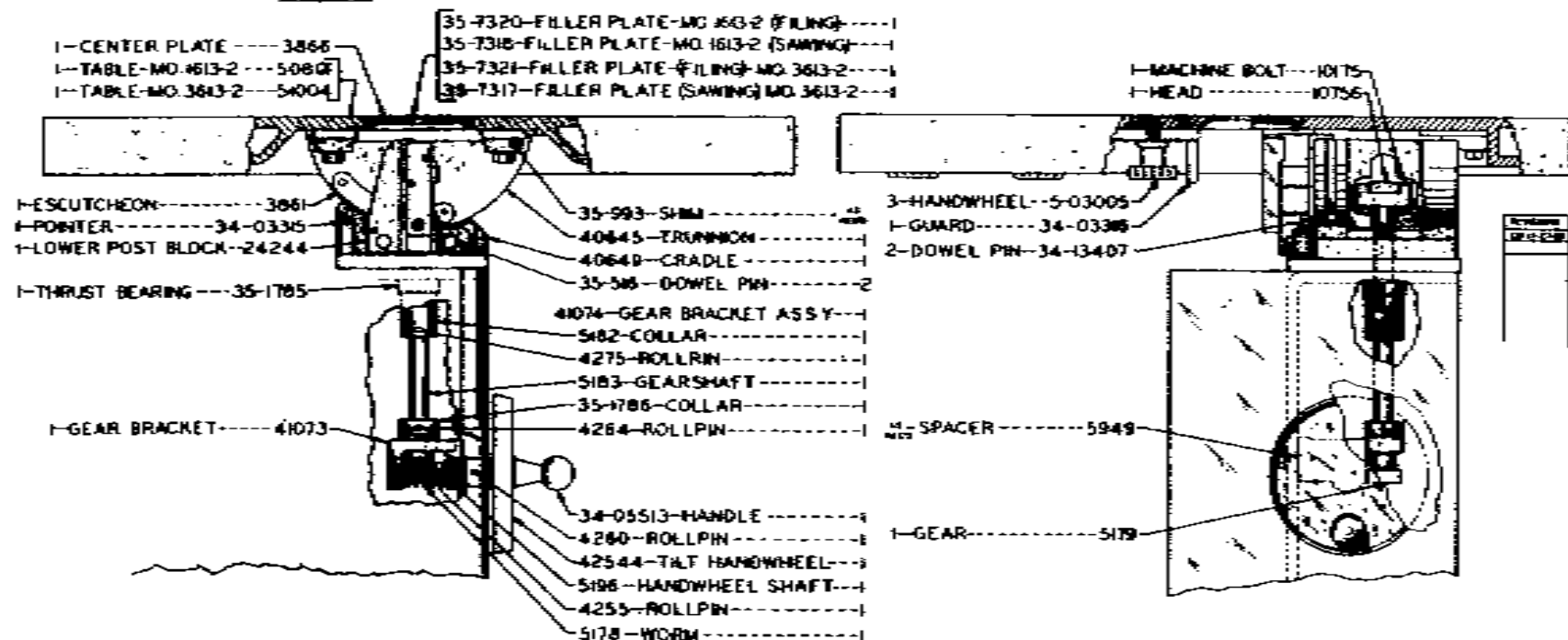


TABLE TRUNNION ASSEMBLY

COMPLETE ASSY
3613-2 51847

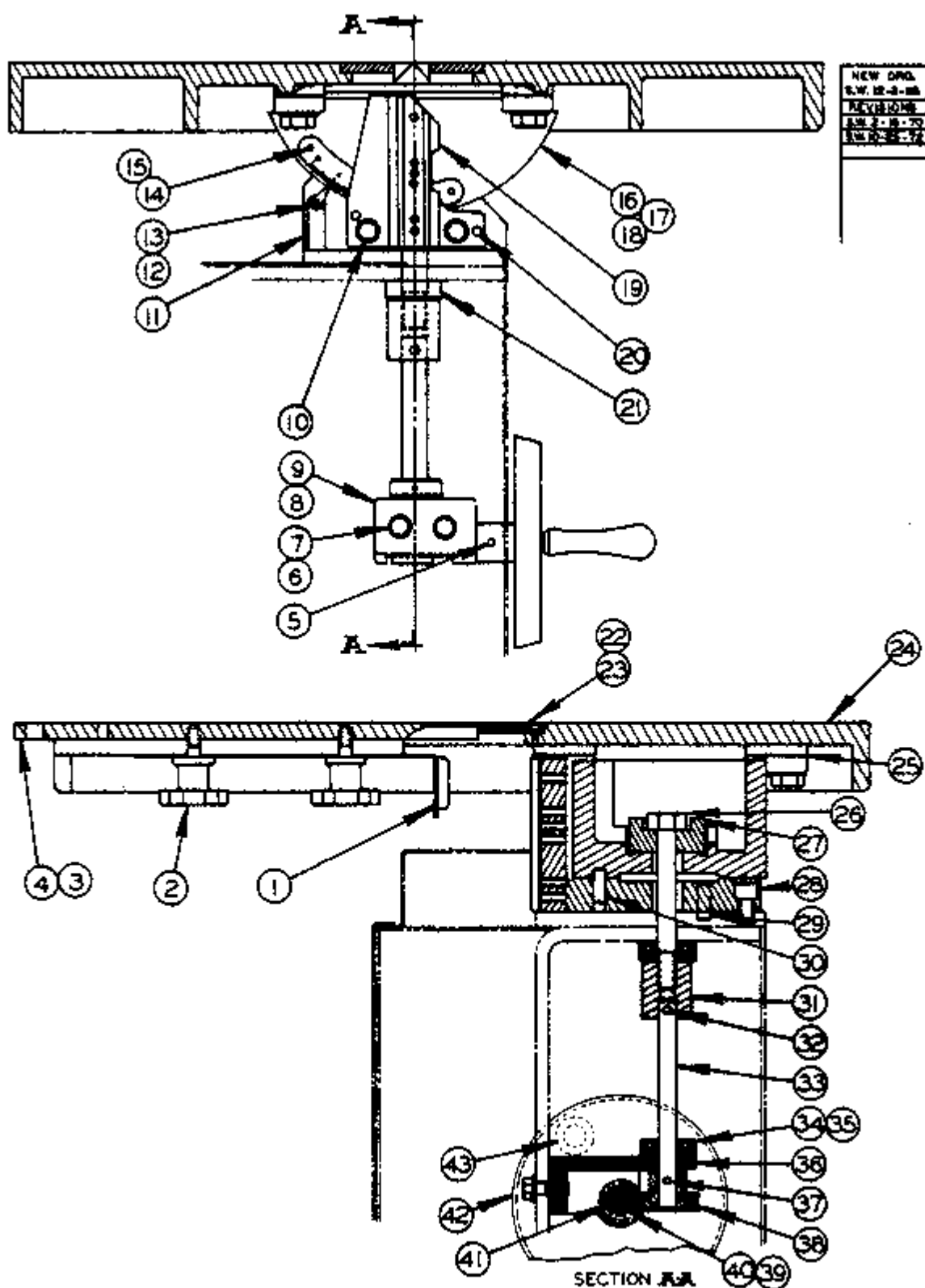


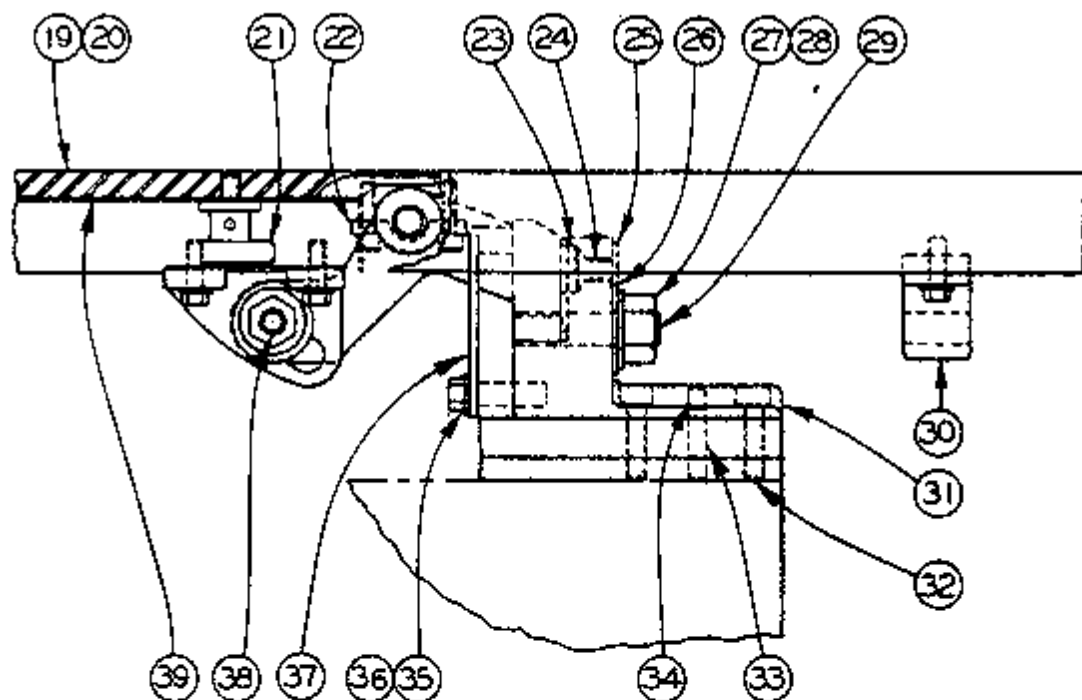
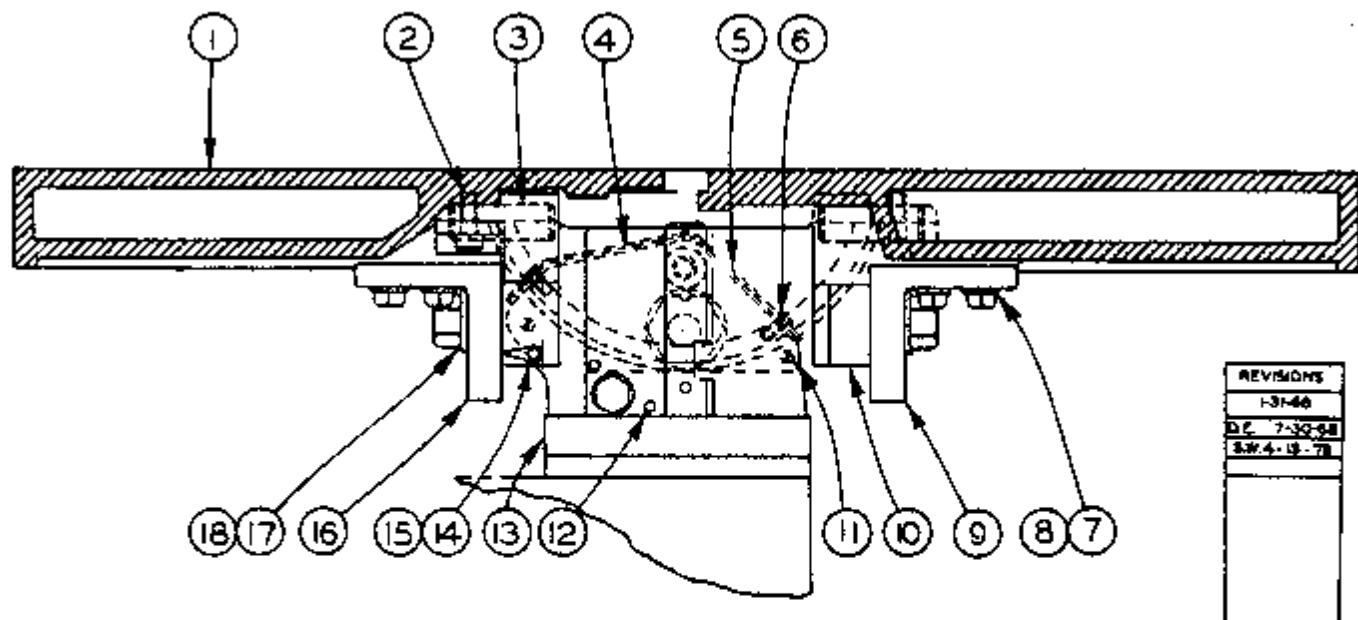
TABLE & TRUNNION ASSEMBLY

MODEL	FIRST MACH	LAST MACH
1613-2	150-59101	
3613-2	151-68489	

TABLE AND TRUNNION ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY
Ref.	59861	Table and Trunnion Assembly (3613-2)	
Ref.	50844	Table and Trunnion Assembly (1613-2)	
1	34-03316	Guard.....	1
2	5-03005	Handwheel Assembly.....	3
3	35-7318	Filler Plate(Sawing) (Used on 1613-2).....	Use One
	35-7317	Filler Plate(Sawing) (Used on 3613-2).....	One
4	35-7320	Filler Plate(Filing) (Used on 1613-2).....	Use One
	35-7321	Filler Plate(Filing) (Used on 3613-2).....	One
5	4260	Roll Pin.....	1
6	Comm.	Washer, Lock 3/8 Std.....	6
7	Comm.	Screw, Hex. Hd. Cap 3/8-16NC x 7/8.....	4
8	41074	Gear Bracket Sub-Ass'y(See Section).....	1
9	5949	Spacer.....	A.R.
10	Comm.	Screw, Hex. Hd. Cap 3/8-16NC x 1 1/2.....	2
11	40649	Cradle.....	1
12	34-03315	Pointer.....	1
13	Comm.	Screw, Rd. Hd. Mach. #6-32NC x 3/16.....	1
14	3861	Escutcheon.....	1
15	Comm.	Screw, Rd. Hd. Drive Pl. Type U 6 x 3/8.....	2
16	Comm.	Screw, Hex. Hd. Cap 1/2-13NC x 1.....	4
17	Comm.	Washer, Lock 1/2 Type 12 Shakeproof.....	4
18	40645	Trunnion.....	1
19	24244	Lower Post Block.....	1
20	35-516	Dowel Pin.....	2
21	35-1785	Thrust Bearing.....	1
22	Comm.	Screw, Soc. Hd. Cap #8-32NC x 3/8.....	3
23	3866	Center Plate.....	1
24	59825	Table(3613-2).....	Use One
	59757	Table(1613-2).....	One
25	35-993-A-B-C	Shim.....	A.R.
26	Comm.	Screw, Hex. Hd. Cap 3/4-16NF x 4 3/4.....	1
*27	39464	Head.....	1
28	Comm.	Screw, Soc. Hd. Cap 1/2-13NC x 3/4.....	4
29	34-13407	Dowel Pin.....	2
30	14-473	Dowel Pin.....	2
Ref.	41074	Gear Bracket Sub-Ass'y	
31	5182	Collar.....	1
32	4275	Roll Pin.....	1
33	5183	Gear Shaft.....	1
34	4264	Roll Pin.....	1
35	35-1786	Screw Adjustable Collar.....	1
36	41073	Gear Bracket.....	1
37	4273	Roll Pin.....	1
38	5179	Gear.....	1
39	4253	Roll Pin.....	1
40	5178	Worm.....	1
41	5196	Handwheel Shaft.....	1
42	42544	Trunnion Tilt Handwheel.....	1
43	34-05513	Handle.....	1

*Note: Before Ser #150-70602 on 1613-2 and before serial #151-70537 on 3613-2, 39464 head was 10756.

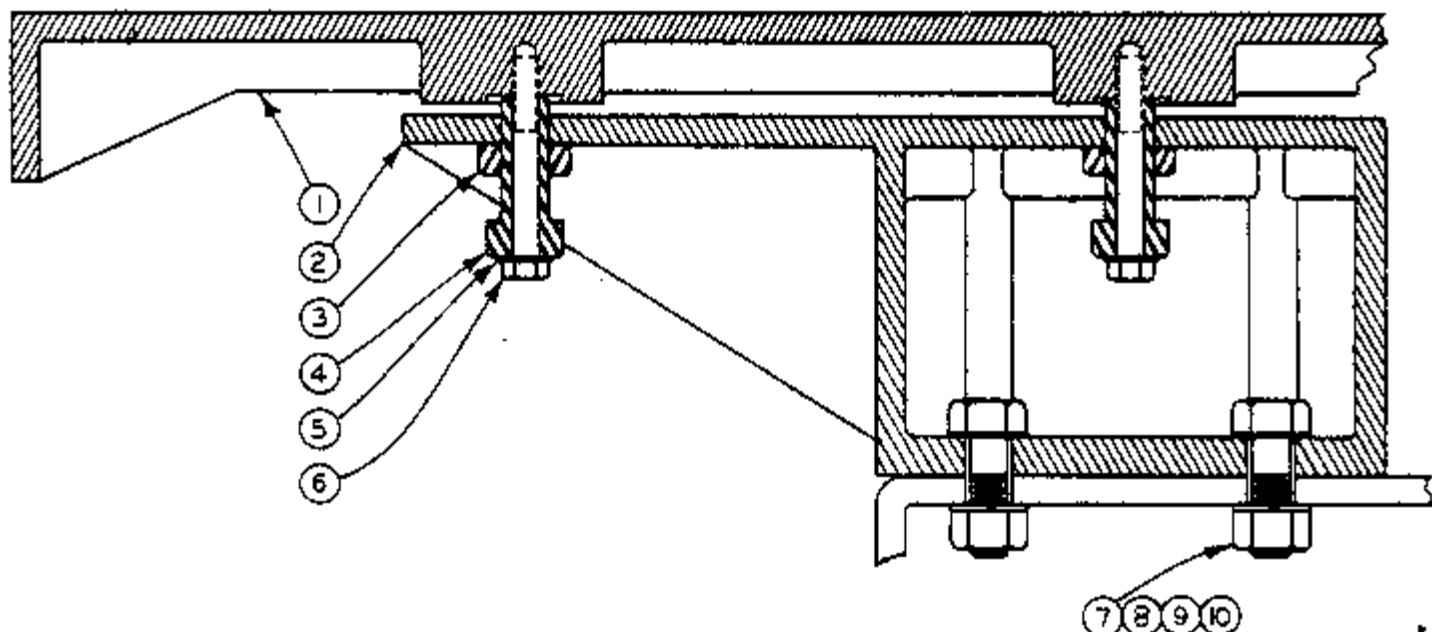


4 WAY TABLE TILT ASSEMBLY

MODEL	FIRST MACH.	LAST MACH.
2612-1	172-60101	172-68229
3613-1	149-59101	149-73706
2613-2	127-60139	127-72297
3613-2	151-59101	151-756083
3613-0	278-68101	278-77825
2612-1	285-68101	285-75200

4-WAY TABLE TILT ASSEMBLY

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	54592	4-Way Table Tilt Assembly	
1	111-031050	. Table	1
2	091-982785	. Screw, Soc. Hd, Cap 3/8-16NC x 3/4	4
3	134-034230	. Axis Pin	2
4	111-033056	. Wiper	1
5	111-033080	. Wiper Clamp	1
6	091-993998	. Drive Screw #4 x 1/4 "	2
7	091-992644	. Washer 3/8" Std.	10
8	091-980466	. Screw, Hex. Hd, Cap 3/8-16NC x 1	10
9	111-031035	. Secondary Trunnion Spec.	1
10	111-031100	. Trunnion	1
11	091-988956	. Screw, Rd. Hd, Cap 1/4-20NC x 1/2	2
12	135-003283	. Dowel Pin	2
13	090-279779	. Spacer	1
14	091-988386	. Screw, Rd. Hd, Cap 6-32NC x 1/4	1
15	134-033158	. Tilt Indicator Pointer	1
16	103-031167	. Secondary Trunnion Std.	1
17	134-034065	. Washer	2
18	091-991356	. Nut, Hex. 5/8-11NC Std.	2
19	090-367780	. Filler Plate Sawing	1
20	135-073211	. Filler Plate Filing	1
21	105-030050	. Handwheel Assembly	6
22	134-033059	. Bearing Cap	2
23	111-034054	. Adjustment Plug	1
24	111-035028	. Screw, Soc. Set	1
25	111-033064	. Protractor Pointer	1
26	111-033072	. Trunnion Protractor	1
27	091-991414	. Nut, Hex. 3/4-16NF	1
28	111-034039	. Trunnion Washer	1
29	111-034021	. Stud 3/4" x 3 1/8	1
30	111-031118	. Wrench Bracket	1
31	111-031092	. Trunnion Cradle	1
32	091-982967	. Screw, Soc. Hd, Cap 1/2-13NC x 1 3/4	4
33	135-004455	. Dowel Pin	1
34	090-059189	. Dowel Pin	1
35	134-134022	. Washer	1
36	091-980680	. Screw, Hex. Hd, Cap 1/2-13NC x 1 3/4	1
37	091-001172	. Keeper Block	1
38	134-034057	. Stud	2
39	134-033166	. Filler Plate Guard	1
	Following Items Not Shown:		
40	091-020115	Trunnion Wrench Socket 1"	1
41	134-035021	Trunnion Wrench Extension	1
42	134-035021	Trunnion Wrench Handle	1
43	091-027391	Trunnion Wrench Socket 1 1/8	1
44	091-027433	Spacer on Secondary Table (3613-1 & 3613-2).....	1



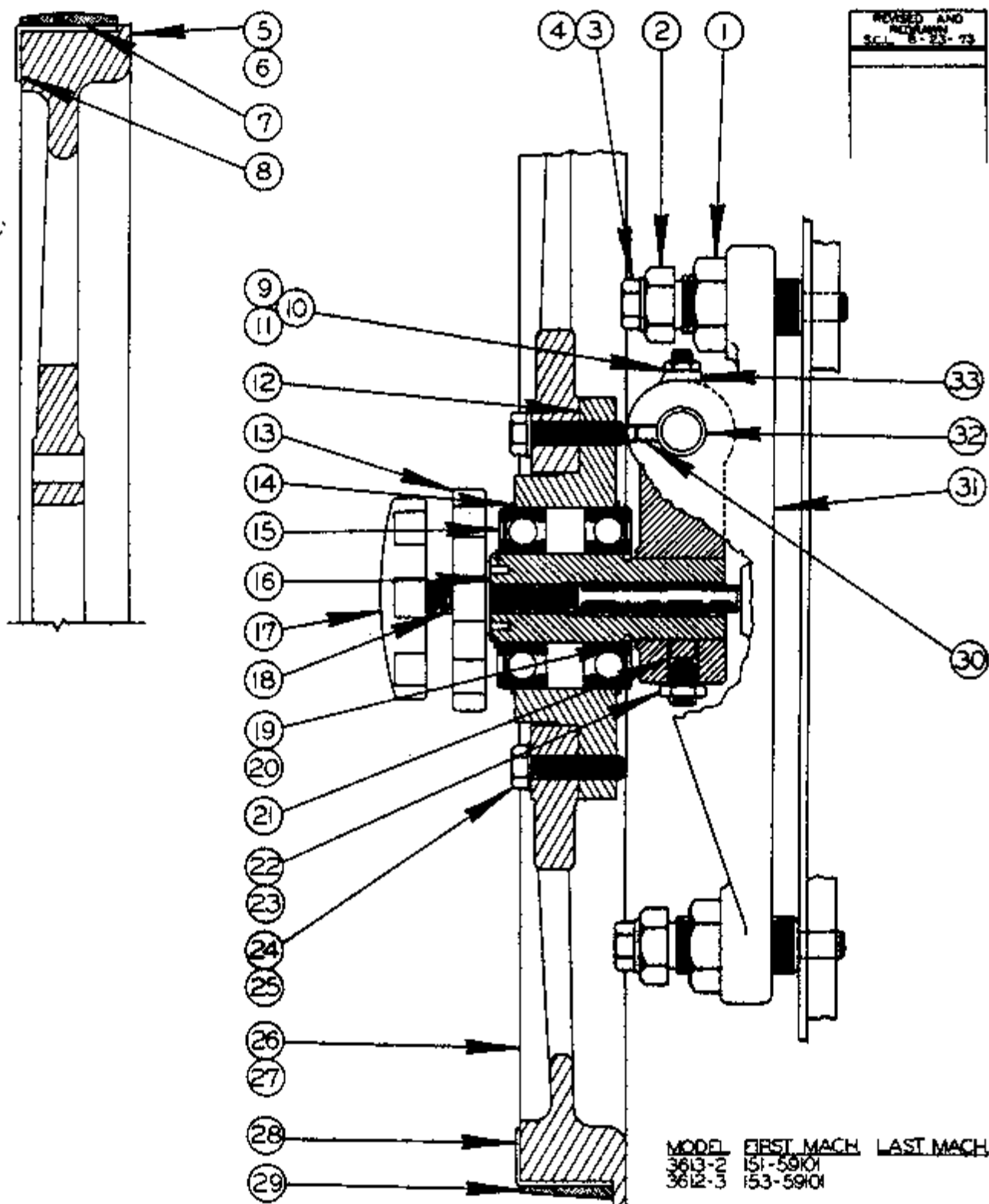
FITS ALL 36" MACHINES

#50369

SECONDARY TABLE MOUNTING ASSY.

SECONDARY TABLE ASSEMBLY

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASSY.
Ref.	30369	Secondary Table Assembly	
Ref.	48046	Secondary Table Assembly (3612-3)	
Ref.	303536	Secondary Table Assembly (3612-1H3)	
1	111-031068	. Secondary Table	1
2	090-208273	. Secondary Table Support (Use on Ass'y. #50369)	USE
	090-480450	. Secondary Table Support (Use on Ass'y. #48046 & 303536)	ONE
3	091-991364	. Nut, Jam 3/8-11NC	4
4	111-034047	. Secondary Table Support Stud	4
5	091-995589	. Washer, Lock 3/8" Shokaproof Int.	4
6	091-980532	. Screw, Hex. Hd. Cap 3/8-16NC x 2-3/4	4
7	091-980672	. Screw, Hex. Hd. Cap 1/2-13NC x 1-1/2	4
8	091-993048	. Washer, Wrought 1/2" Std.	4
9	091-991315	. Nut, Hex. 1/2-13NC	4
10	091-992279	. Washer, Lock 1/2" Std.	4
	090-086885	. Cover Plate Assembly (Not Shown) (Ass'y. #303536)	1



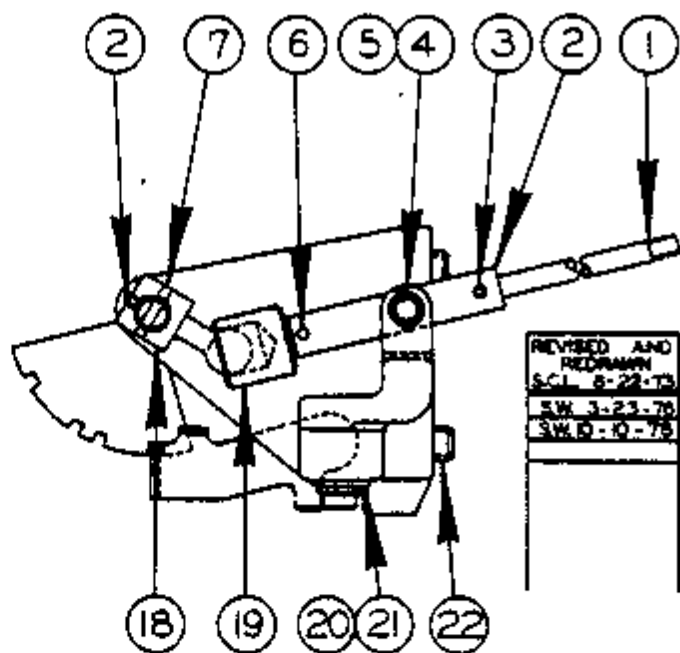
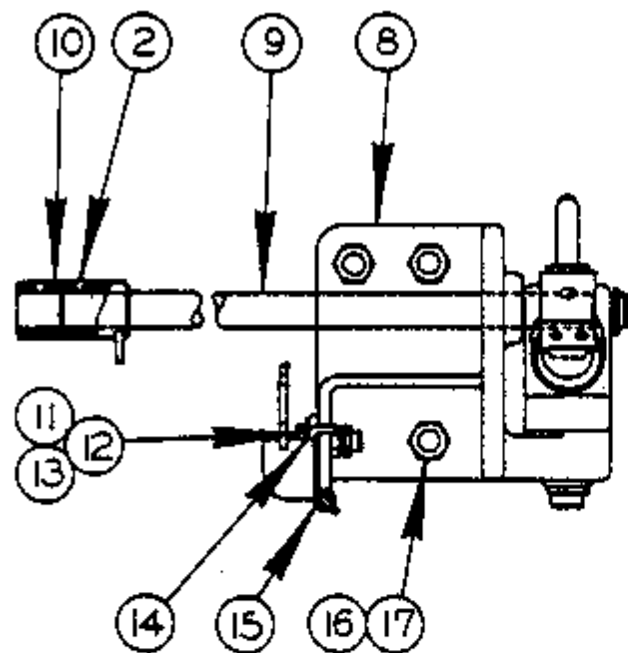
THIRD WHEEL ASSEMBLY

THIRD WHEEL ASSEMBLY

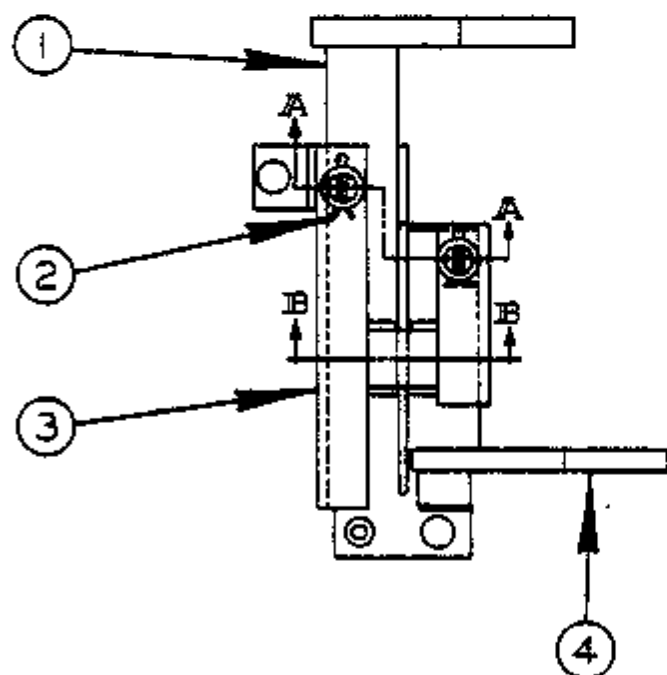
INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	43164	Third Wheel Hinge Sub-Assembly	
1	Comm.	. Nut, Jam 3/4-16NF.....	3
2	5956	. Adjustable Screw.....	3
3	Comm.	. Screw, Hex. Hd. Cap 3/8-16NC x 2 3/4	3
4	Comm.	. Washer, Lock 3/8 Std.....	3
5	44577	. Crown Wheel Assembly	1
6	44578	. . Wheel.....	1
7	24939	. . Tire and Rim Assembly	1
8	4675	. . Retainer.....	2
9	22237	. Wheel Hinge Assembly	1
10	3862	. . Screw Dag Pt. Set.....	1
11	Comm.	. . Nut, Jam 1/4-20NC.....	1
12	27016	. . Wheel Hub.....	1
13	5-01109	. . Tilt Lock Knob	1
14	35-7596	. . Retaining Ring	1
15	16538	. . Bearing.....	2
16	16408	. . Wheel Axis Stud	1
17	5-01108	. . Tilt Knob.....	1
18	5-01425	. . Tilt Screw	1
19	13407	. . Spacer.....	1
20	17827	. . Spacer.....	2
21	35-8578	. . Insert.....	1
22	Comm.	. . Screw, Soc. Set 3/8-16NC x 1/2	1
23	Comm.	. . Nut, Jam 3/8-16 NC.....	1
24	Comm.	. Screw, Hex. Hd. Cap 5/16-18NC x 1 1/4	5
25	Comm.	. Washer, Lock 5/16 Std.....	5
26	44579	. Taper Wheel Assembly	1
27	46931	. . Wheel.....	1
28	4675	. . Retainer	2
29	27437	. . Tire and Rim Assembly.....	1
30	Comm.	. Screw, Soc. Set 1/4-20NC x 3/8	2
31	41264	. Bracket.....	1
32	35-8610	. Hinge Pin	1
33	22268	. . Wheel Hinge	1

MX-2 TRANSMISSION ASSEMBLY

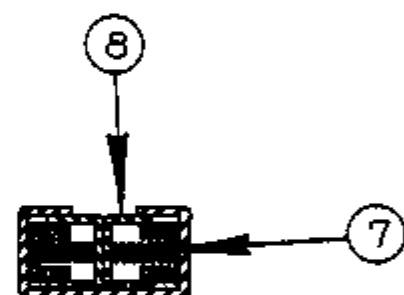
INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	090-501867	MX-2 Transmission Assembly	
1	090-025966	. Gasket	1
2	135-034197	. Expansion Plug	1
3	090-022666	. Shifter Rod	1
4	090-402801	. Shifter Assembly(See Detail)	1
5	090-050261	. Bearing Retainer	1
6	090-026899	. Oil Seal	1
7	091-982207	. Screw, Soc. Hd. Cap 10-24NC x 1/2.....	5
8	090-022633	. Gasket	3
9	090-022641	. Bearing Cap	2
10	090-022765	. Ball Bearing	3
11	090-246984	. Counter Shaft	1
12	090-038720	. Gasket	1
13	090-030279	. Ball Bearing	1
14	090-429747	. Cluster Gear Sub-Assembly	1
15	090-212903	. Output Shaft Sub-Assembly	1
16	090-209479	. . Output Shaft	1
17	113-013049	. Spacer	1
18	090-045758	. . Bushing	1
19	090-045816	. Ball Bearing	1
20	090-039082	. Screw, Soc. Set Dog Pt.	1
21	091-984229	. Screw, Soc. Set 1/4-20NC x 1/4 Cut Pt.	1
22	090-036880	. Stationary Clutch Jaw	1
23	091-982355	. Screw, Soc. Hd. Cap 1/4-20NC x 3/8	2
24	091-993368	. Washer, Lock 1/4 Std. Shakeproof Int.	2
25	090-034653	. Sliding Clutch Jaw	1
26	090-026907	. Oil Seal	1
27	090-259987	. Input Shaft	1
28	090-136110	. Retaining Ring	1
29	090-022658	. Bearing Retainer	1
30	091-982207	. Screw, Soc. Hd. Cap 10-24NC x 1/2.....	5
31	135-034361	. Spacer	A.R.
32	090-022773	. Retainer Ring	2
33	135-071926	. Woodruff Key	2
34	090-429762	. Counter Shaft Gear	1
35	090-112731	. Tachometer Drive Assembly	1
36	090-042292	. . Roll Pin	1
37	090-105404	. . Helical Gear	1
38	090-022716	. . Spacer	1
39	114-065525	. . Oilite Bushing	1
40	090-022781	. . "O"-Ring	1
41	090-022799	. . Body	1
42	090-022807	. . Spindle	1
43	090-029893	. Pipe Nipple	1
44	114-003486	. 90° Elbow	1
45	090-012766	. Pipe Plug	1
46	090-501933	. Housing Assembly	1
47	090-203993	. . Gasket	1
48	090-019936	. . Washer, Lock	12
49	090-041229	. . "O"-Ring	1
50	091-443549	. Breather	1
51	091-988691	. Screw, Rd. Hd. Mach. #10-24NC x 1/2.....	14
52	091-993196	. Washer, Lock #10 Reg.	14
53	090-025958	. Cover	1
54	106-044050	. Pin	1
55	090-204256	. Shifter Arm	1
56	105-044127	. . Dowel Pin	2
57	090-251232	. Intermediate Gear	1
	105-046122	. Pipe Plug(Not Shown)	1
	091-984237	. Screw, Soc. Set 1/4-20NC x 5/16" Cup Pt.	1



GEAR SHIFT ASSEMBLY



SHIFTER
ASSEMBLY



SECTION B-B



SECTION A-A

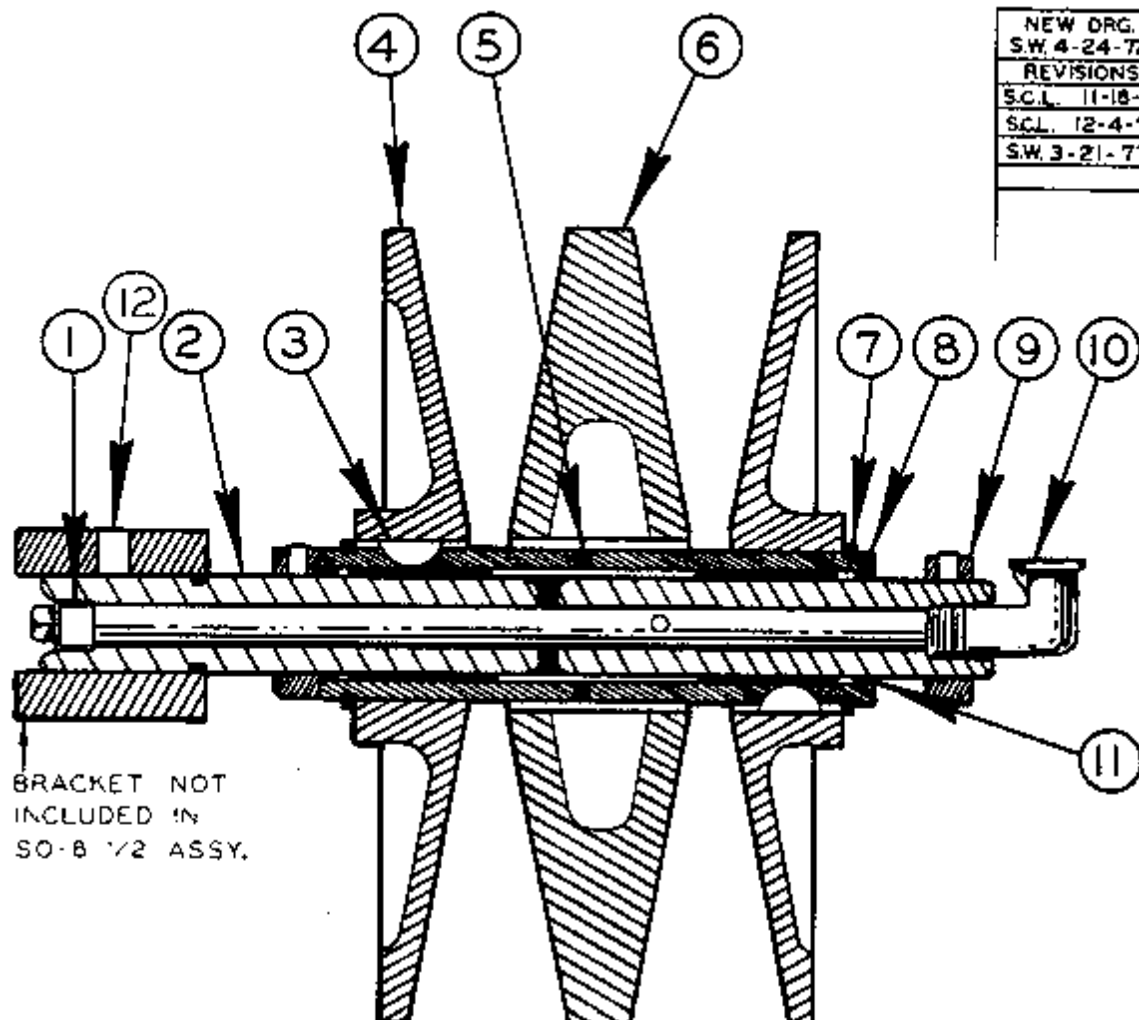
MODEL	FIRST MACH	LAST MACH
2612-1H	240-65101	240-68145
2612-1H	284-68101	284-76223
2612-1H	269-68101	269-68102
2613-2	127-60139	127-72297
6013-2	129-60105	129-70118
2612-1H3	362-76101	
3612-1H3	358-76101	358-78145
2612-2H	206-62101	206-73347
1612-3	152-59101	152-75144
3612-3	153-59101	153-761249
1613-2	150-59101	150-75655
3613-2	151-59101	151-756083
2012-1H3	354-76101	354-78156
2613-1H	361-76101	
2614-1	364-76101	

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GEAR SHIFT & SHIFTER ASSEMBLIES

INDEX NO.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	090-236449	Gear Shift Sub-Assembly (3613-2, 3612-3, 1613-2, 3612-1H3)	
Ref.	090-278540	Gear Shift Sub-Assembly (6013-2)	
Ref.	090-410804	Gear Shift Sub-Assembly (1612-3)	
Ref.	090-449075	Gear Shift Sub-Assembly (2613-2, 2612-2H)	
1	090-039256	. Shifter Rod	1
2	090-052168	. Pivot Arm	1
3	091-984229	. Scr. Soc. Hd. Set 1/4-20NC x 1/4	3
4	090-040767	. Pin	1
5	135-096139	. Retaining Ring	2
6	090-042557	. Roll Pin	1
7	090-042599	. Roll Pin	2
8	090-410796	. Bracket	1
9	090-085267	. Shaft (3613-2, 3612-3, 3612-1H3, 1613-2)	USE
	090-052218	. Shaft (2613-2, 2612-2H, 1613-3)	
	090-172974	. Shaft (6013-2)	ONE
10	090-216516	. Shift Lock Selector Sub-Assembly	1
11	091-981001	. Scr. Hex. Hd. Cap 5/16-18NC x 1	1
12	091-991232	. Nut, Hex. Jam 5/16-18NC	2
13	091-993014	. Washer, Flat 5/16	1
14	090-219502	. Lock Lever	1
15	090-052176	. Spring	1
16	135-078152	. Adjustable Screw	3
17	091-993055	. Nut, Hex. Jam 5/8-18NF	3
18	090-052200	. Ball Crank	1
19	135-087013	. Socket	1
20	135-064269	. Retaining Ring	1
21	090-052226	. Washer	1
22	090-210287	. Swivel Block Sub-Assembly	1
Ref.	090-402801	Shifter Assembly	
1	090-204280	. Shifter Rod Assembly	1
2	091-995118	. Cotter Pin	2
3	090-203886	. Shifter Rod Cage	1
4	090-204272	. Shifter Rod	1
5	105-035026	. Steel Ball	2
6	090-023292	. Spring	2
7	090-110008	. Spring	2
8	090-025883	. Latch	2

NEW DRG.
S.W. 4-24-72
REVISIONS
S.C.L. 11-18-73
S.C.L. 12-4-73
S.W. 3-21-77



BRACKET NOT
INCLUDED IN
SO-B 1/2 ASSY.

8 1/2" VARIABLE PULLEY ASSEMBLY

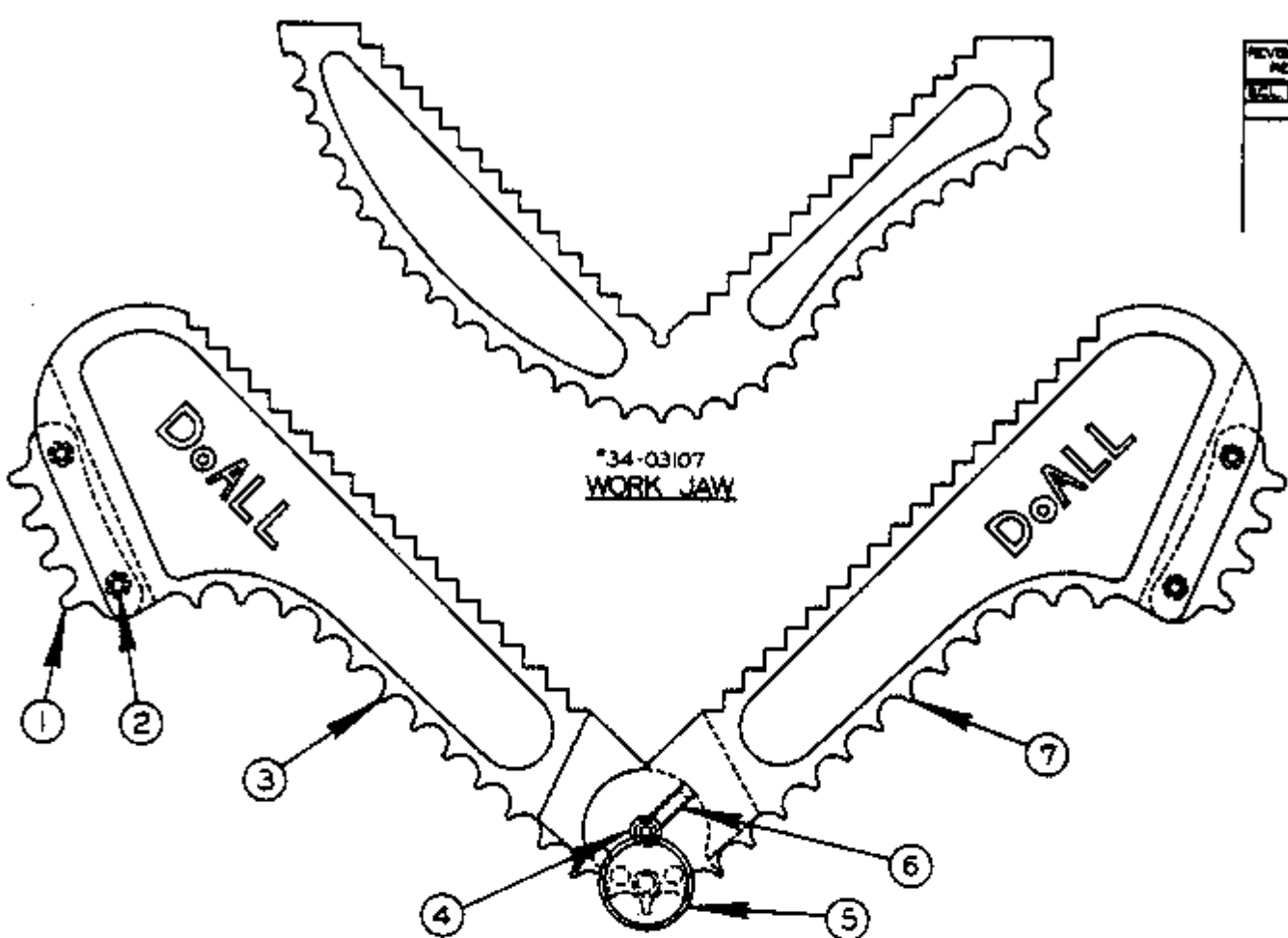
MODEL	FIRST MACH	LAST MACH
16-2	74-54101	TO END
16-3	50-53101	
36-2	125-58101	
36-3	37-51101	
26-2	54-53101	
60-2	56-53101	
C-57	96-54101	
C-58	97-54101	
1613-2	150-59101	150-75655
3613-2	151-59101	151-756083
1612-3	152-59101	152-751144
3612-3	153-59101	153-781249
2612-1	172-60101	172-68229
2612-2H	206-62101	206-73347
2612-4H	269-68101	269-68102
2612-1	285-68101	285-78200
2612-H	284-68101	284-78223
2013	301-71101	301-74165
2012-A	320-72101	320-74333
16-2A	75-54101	75-58221
36-2A	85-54101	85-58178
C-9V	298-70101	298-78325
C-9AV	297-70101	297-78194
2013-0	321-72101	321-74357
2013-1	388-74101	330-74111
2013-10	339-74101	
2012-1A	340-74101	
2012-1AT	341-74101	
2012-AT	330-74101	
2012-1H	348-75101	
2012-1H3	354-76101	
3612-1H3	358-76101	
C-1212M	371-77101	
C-1212A	372-77101	
3612-1	380-77101	382-77101
3613-10	381-77101	
3612-1H	382-77101	

CODE NO. C-5-34

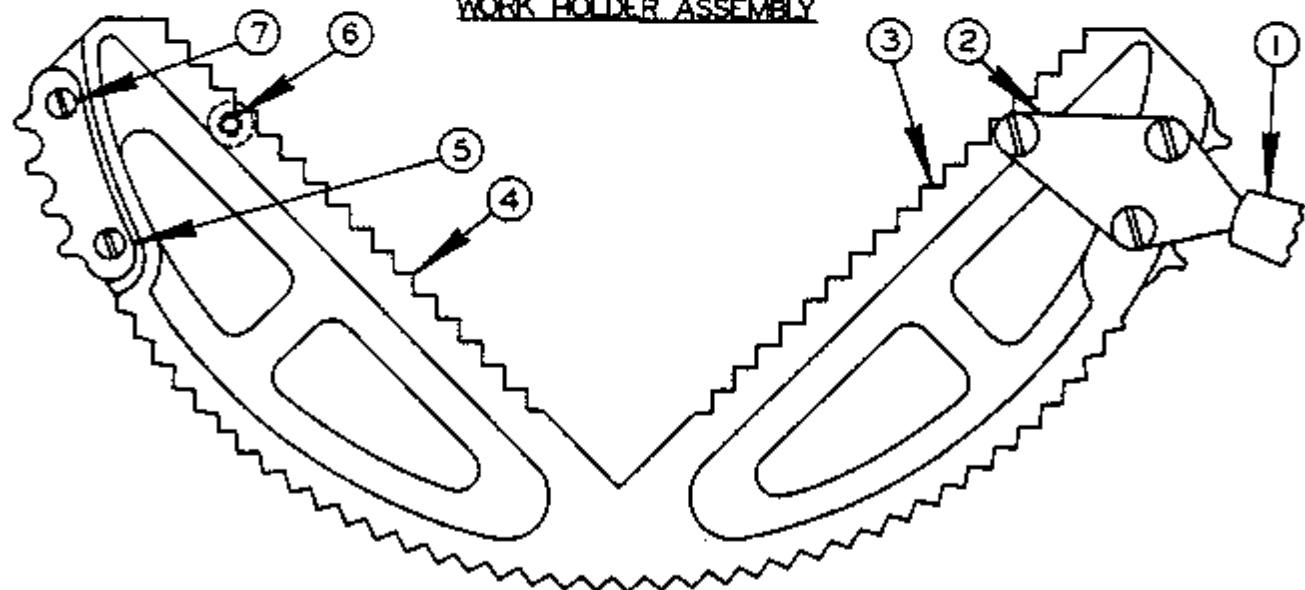
CM-5-12PS-4-35

8- 1/2" VARIABLE ASSEMBLY

INDEX NO. REF.	CATALOG NO.	DESCRIPTION	UNITS PER ASS'Y
	135-093359	Variable Assembly	
1	091-227488	. Pipe Plug	1
2	135-093367	. Shaft	1
3	105-046023	. Key	2
4	135-093375	. End Sheave	2
5	091-007013	. Wick	2
6	090-202466	. Center Sheave Assembly	1
7	135-003275	. Retaining Ring	2
8	135-093391	. Sleeve Assembly	1
9	135-008126	. Collar	1
10	111-055125	. Oiler	1
11	135-008985	. Washer	2
12	091-984245	. Screw, Soc. Set 1/4-20NC x 3/8	1



#40262
WORK HOLDER ASSEMBLY

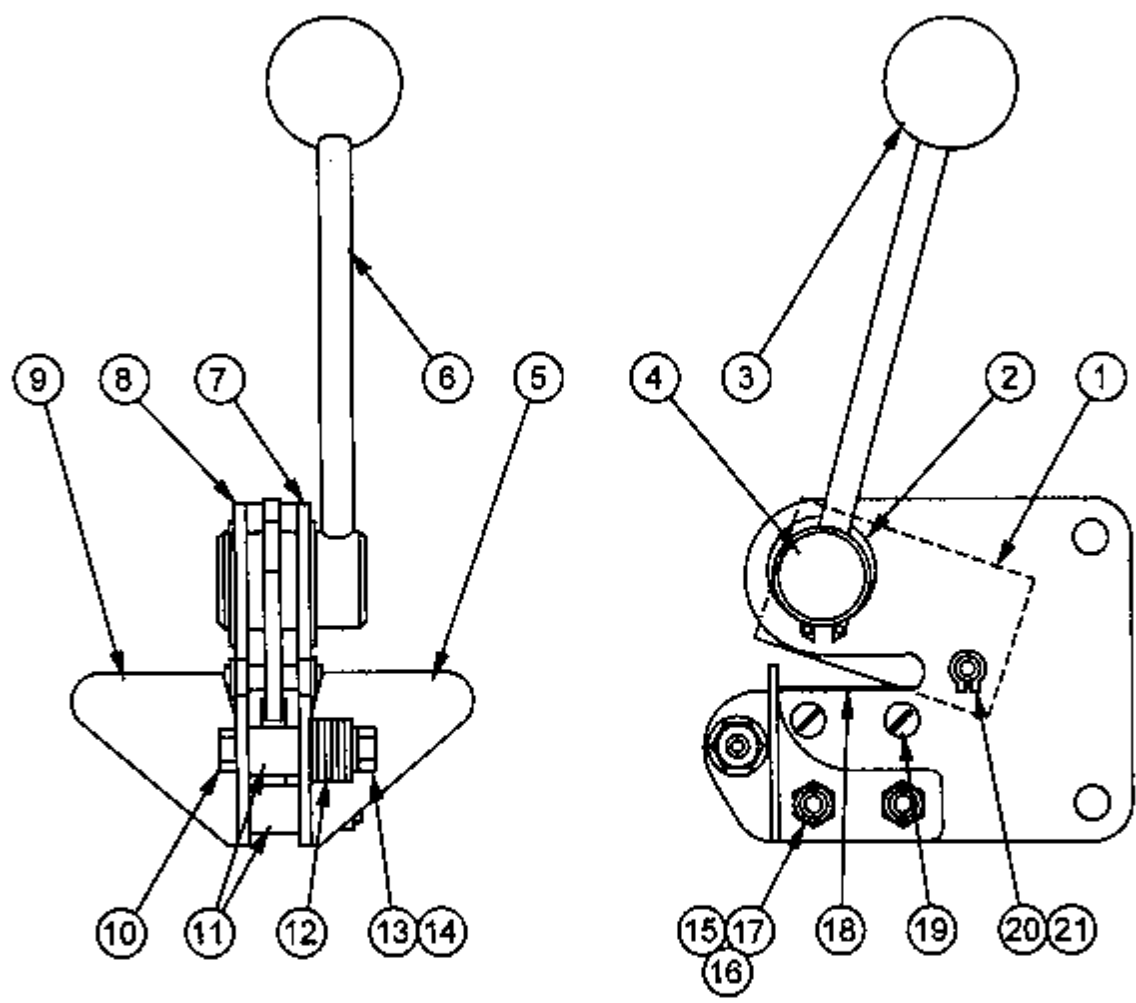


#5-13007
WORK HOLDING JAW ASSEMBLY

WORK HOLDING JAW

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

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



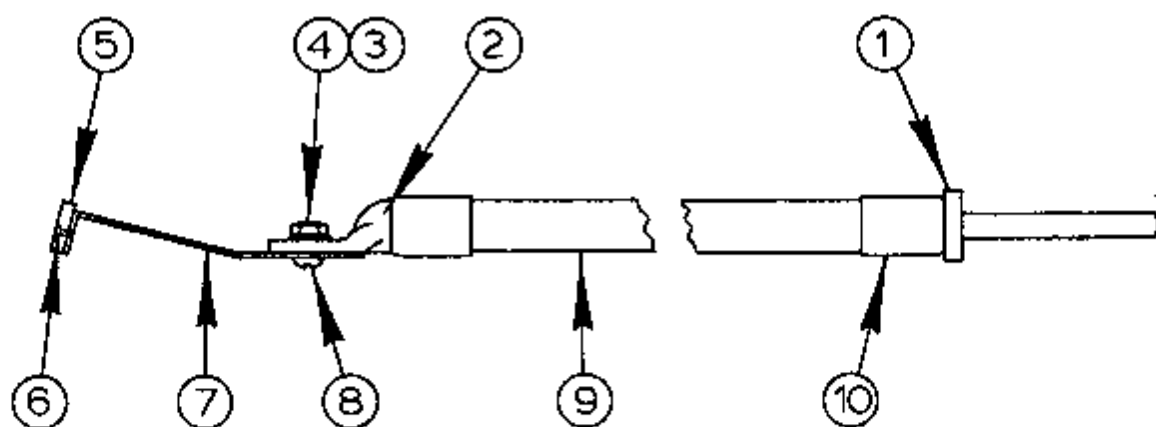
BLADE SHEAR ASSEMBLY

BLADE SHEAR ASSEMBLY

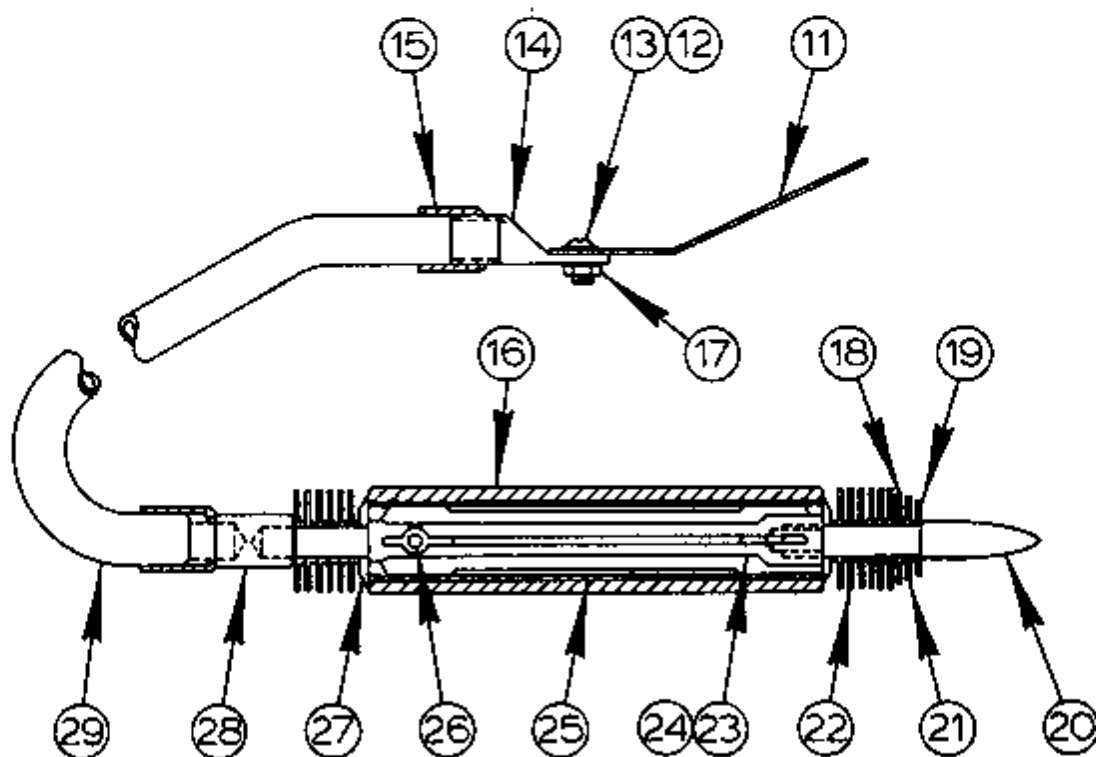
INDEX NO. Ref.	PART NO.	DESCRIPTION	UNITS PER ASSY.
1	091-318073	Blade Shear Assembly	
2	135-084374	. Knife	1
3	135-075588	. Retaining Ring	2
4	134-135086	. Knob	1
5	135-084416	. Eccentric	1
6	135-084465	. R.H. Square	1
7	135-084382	. Handle	1
8	135-084481	. R.H. Side Plate	1
9	135-084473	. L.H. Side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

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

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



ETCHING PENCIL SHORT END ASSEMBLY



ETCHING PENCIL ASSEMBLY

ETCHING PENCIL ASSEMBLY

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

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