



PARTS MANUAL

MODEL: C-69

SERIAL NO: 155-60400 to 155-721269

BAND SAWING MACHINE

MACHINE SPECIFICATIONS

MODEL SERIAL NO.

VOLTAGE CYCLE PHASE

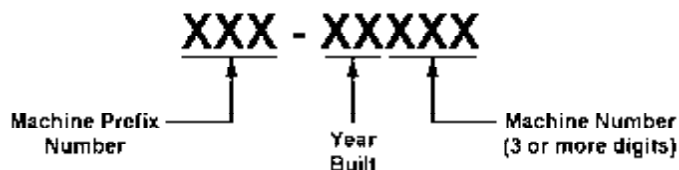
For your information and future reference, insert pertinent data concerning your machine in the spaces provided above. This information is stamped on the data plate attached to the machine frame.

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

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

How to read your serial number:

Example: 500-001234



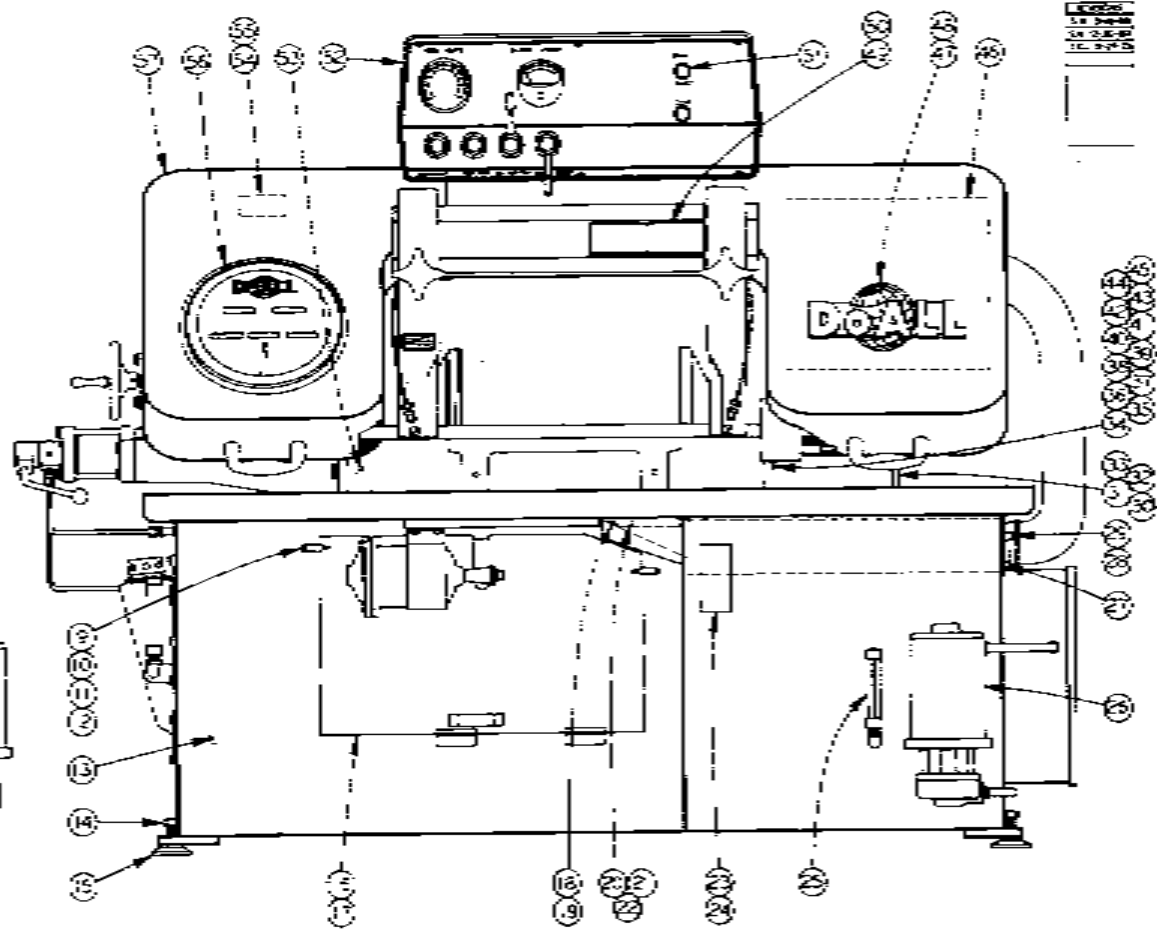
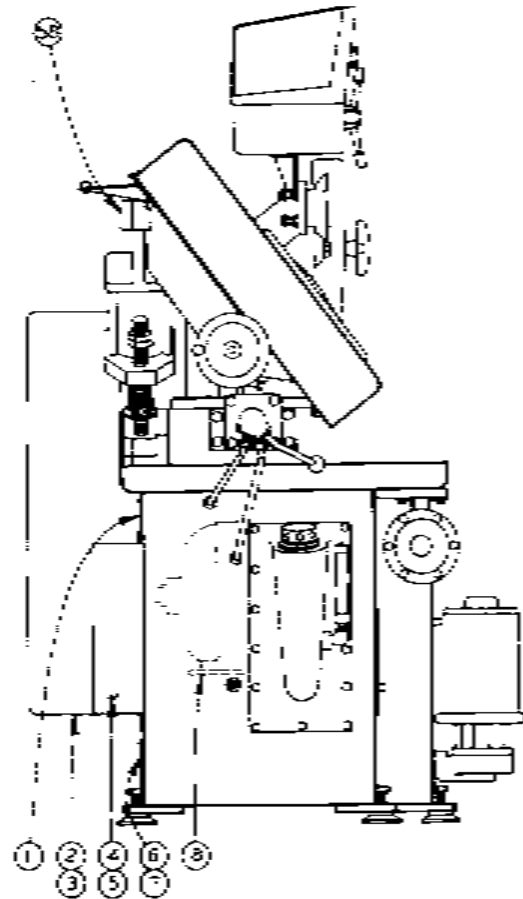
YOUR SERVICE REPRESENTATIVE:

FICHE NO. E-19 & 20 CLASS Power Saw MODEL C-69 SERIAL NO. 155-60400 TO 155-721269

PAGE NO.	DESCRIPTION	FIRST SERIAL	LAST SERIAL	FRAME NO.		FICHE NO.
				DWG.	P.LIST	
PS-1-27	Final Ass'y.	ALL		A-3	A-4	19
PS-4-78	Band Brush	155-60400 to 155-62669		A-5	A-5	19
PS-4-80	Band Brush	155-62670 to 155-671060		A-7	A-8	19
PS-4-51	Band Brush	155-671061 to END		A-9	A-10	19
PS-9-77	Band Guard	ALL		A-11	A-12	19
PS-4-78	Band Speed Indicator	155-60400 to 155-62669		A-5	A-5	19
PS-4-80	Band Speed Indicator	155-62670 to 155-671060		A-7	A-8	19
PS-4-51	Band Speed Indicator	155-671061 to END		A-9	A-10	19
PS-2-5	Band Tension & Cylinder	155-60400 to 155-62673		A-13&14	A-13&14	19
PS-2-12	Band Tension Mechanism	155-62674 to END		B-1	B-2	19
PS-7-79	Band Tension Cylinder	155-62674 to END		B-3	B-4	19
PS-4-2	Bandwheel, Drive	155-60400 to 155-60599		B-11&12	B-11&12	20
PS-4-3	Bandwheel, Drive	155-60600 to 155-62673		B-13&14	B-13&14	20
PS-2-13	Bandwheel, Drive (Standard)	155-62674 to END		B-5	B-6	19
PS-2-16	Bandwheel, Drive (Optional)	155-671061 to END		B-7	B-8	19
PS-2-5	Bandwheel, Idler	155-60400 to 155-62673		A-13&14	A-13&14	19
PS-2-13	Bandwheel, Idler (Standard)	155-62674 to END		B-5	B-6	19
PS-2-16	Bandwheel, Idler (Optional)	155-671061 to END		B-7	B-8	19
PS-9-35	Chip Conveyor (Attach.)	155-61600 to END		B-9	B-10	19
PS-7-31	Control Panel, Elect. & Hyd.	155-60400 to 155-701215		B-11&12	B-11&12	19
PS-7-37	Control Panel, Elect. & Hyd.	155-701216 to END		B-13	B-14	19
PS-7-38	Control Panel, Hyd.	155-701216 to END		C-1	C-2	19
PS-9-28	Conveyor Ass'y., 5 & 10 Ft., 12" & 18" Roller	ALL		C-3	C-4	19
PS-9-61	Conveyor Ass'y., 5 & 10 Ft., 24" Roller	ALL		C-5	C-6	19
PS-9-27	Conveyor Ass'y., Motorized (Attach.)	ALL		C-7	C-8	19
PS-9-80	Conveyor Ass'y., Motorized w/Elect. (Attach.)	ALL		C-9	C-10	19
PS-6-8	Coolant Ass'y.	ALL		C-11	C-12	19
PS-6-7	Coolant Pump	ALL		C-13	C-14	19
PS-9-19	Coolant, Spray, R.H. & Wash Down Hose (Attach.)	ALL		D-1	D-1	19
PS-9-76	Counter Ass'y. (Attach.)	ALL		D-3	D-4	19
PS-9-71	Cutting Rate Timer (Attach.)	155-671061 to END		D-5	D-6	19
PS-4-33	Drive Ass'y.	155-60400 to 155-61627		D-7&8	D-7&8	19
PS-4-43	Drive Ass'y.	155-61628 to 155-671060		D-9	D-10	19
PS-4-49	Drive Ass'y.	155-671061 to 155-691188		D-11	D-12	19
PS-4-50	Drive Ass'y.	155-691189 to END		D-13	D-14	19
PS-8-4	Electrical Ass'y.	155-60400 to 155-671060		E-1	E-2	19
PS-3-20	Front Vise Ass'y.	ALL		E-3	E-4	19
PS-7-81	Front Vise Cylinder	ALL		E-5	E-6	19
PS-9-43	Full Cycle (Attach.)	ALL		E-7	E-8	19
PS-9-83	Full Cycle w/Nesting Vise & High Clamp Force (Attach.)	155-671061 to END		E-9	E-10	19
PS-2-5	Head	155-60400 to 155-62673		A-13&14	A-13&14	19
PS-2-12	Head	155-62674 to END		B-1	B-2	19
PS-9-15	Head Approach, Fast-Slow (Attach.)	ALL		E-11	E-12	19
PS-9-62	Head Approach, Fast-Slow, Console (Attach.)	155-671061 to END		E-13	E-14	19
PS-7-79	Head Lift Cylinder	155-60400 to 155-65906		B-3	B-4	19
PS-7-94	Head Lift Cylinder	155-65907 to END		F-1	F-2	19
PS-9-72	High Clamp Force Booster Cylinder	155-671061 to END		F-3	F-3	19
PS-7-16	Hydraulic Ass'y.	155-60400 to 155-671060		F-5	F-6	19
PS-7-103	Hydraulic Ass'y.	155-671061 to END		F-7	F-8	19
PS-4-33	Hydraulic Pump	155-60400 to 155-61627		D-7&8	D-7&8	19
PS-4-43	Hydraulic Pump	155-61628 to 155-671060		D-9	D-10	19
PS-4-49	Hydraulic Pump	155-671061 to 155-691188		D-11	D-12	19
PS-4-50	Hydraulic Pump	155-691189 to END		D-13	D-14	19
PS-5-20	Job Selector	ALL		F-9	F-10	19
PS-8-102	Lamp	ALL		F-11	F-11	19
PS-9-53	Nesting Vise (Attach.)	ALL		F-13	F-14	19

FICHE NO. E-19 & 20 CLASS Power Saw MODEL C-69 SERIAL NO. 155-60400 TO 155-721269

PAGE NO.	DESCRIPTION	FIRST SERIAL	LAST SERIAL	FRAME NO.		FICHE NO.
				DWG.	P.LIST	
PS-7-82	Nesting Vise Cylinder	ALL		G-1	G-2	19
PS-7-16	Oil Filter	155-60400 to	155-671060	F-5	F-6	19
PS-7-103	Oil Filter	155-671061 to	END	F-7	F-8	19
PS-9-2,	Outboard Vise w/Stock Tray & Work Stop (Attach.)	155-60400 to	155-63819	G-3	G-3	19
PS-9-39	Outboard Vise w/Stock Tray & Work Stop (Attach.)	155-63820 to	END	G-5	G-6	19
PS-7-82	Outboard Vise Cylinder	ALL		G-1	G-2	19
PS-9-67	Outboard Vise w/Nesting Fixture, Stock Tray & Work Stop (Attach.)	155-671061 to	END	G-7	G-8	19
PS-9-70	Outboard Vise w/Nesting Fixture, Stock Tray & Work Stop (Attach.)	155-671061 to	END	G-9	G-10	19
PS-9-66	Remote Vise Control (Attach.)	155-671061 to	END	G-11	G-12	19
PS-9-66	Roller Adjusting Ass'y. (Attach.)	155-671061 to	END	G-11	G-12	19
PS-5-2	Saw Guide & Arms, Selection	155-60400 to	155-65926	A-3&4	A-3&4	20
PS-5-17	Saw Guide & Arms	155-65927 to	155-671085	A-5	A-6	20
PS-5-19	Saw Guide & Arms	155-671086 to	END	A-7	A-8	20
PS-5-4	Saw Guide & Adj. Arm 1" Band (Attach.)	155-60400 to	155-61621	A-9&10	A-9&10	20
PS-5-5	Saw Guide & Adj. Arm 1-1/4" Band (Attach.)	155-60600 to	155-61621	A-11&12	A-11&12	20
PS-5-6	Saw Guide & Adj. Arm 1 & 1-1/4 Band (Attach.)	155-61622 to	155-671085	A-13	A-14	20
PS-7-80	Speed Change Cylinder	ALL		B-1	B-2	20
PS-3-22	Stock Tray & Work Stop	155-60400 to	155-61622	B-3	B-3	20
PS-3-23	Stock Tray & Work Stop	155-61623 to	155-63789	B-5	B-6	20
PS-3-25	Stock Tray & Work Stop	155-63790 to	END	B-7	B-8	20
PS-9-93	Swivel Vise Jaws	ALL		B-9	B-10	20
PS-4-2	Transmission	155-60400 to	155-60599	B-11&12	B-11&12	20
PS-4-3	Transmission	155-60600 to	155-63849	B-13&14	B-13&14	20
PS-4-4	Transmission	155-63850 to	155-66984	C-1	C-2	20
PS-4-5	Transmission	155-66985 to	155-691159	C-3	C-4	20
PS-4-6	Transmission	155-691160 to	END	C-5	C-6	20
PS-9-13	Variable Vise Pressure (Attach.)	155-60400 to	155-63813	C-7	C-7	20
PS-9-40	Variable Vise Pressure (Attach.)	155-63814 to	155-66985	C-9	C-10	20
PS-9-63	Variable Vise Pressure (Attach.)	155-66986 to	END	C-11	C-12	20
PS-9-6	Work Capacity 18" Vises (Attach.)	ALL		C-13	C-14	20
PS-9-16	Work Height Control (Attach.)	155-60400 to	155-671060	D-1	D-1	20
PS-9-68	Work Height Control (Attach.)	155-671061 to	155-691188	D-3	D-4	20
PS-9-47	Work Height Control (Attach.)	155-691189 to	END	D-5	D-6	20
PS-9-62	Work Height Control, Console (Attach.)	155-671061 to	END	E-13	E-14	19
PS-3-22	Work Stop (Attach.)	155-60400 to	155-61622	B-3	B-3	20
PS-3-23	Work Stop (Attach.)	155-61623 to	155-63789	B-5	B-6	20
PS-3-25	Work Stop (Attach.)	155-63790 to	END	B-7	B-8	20

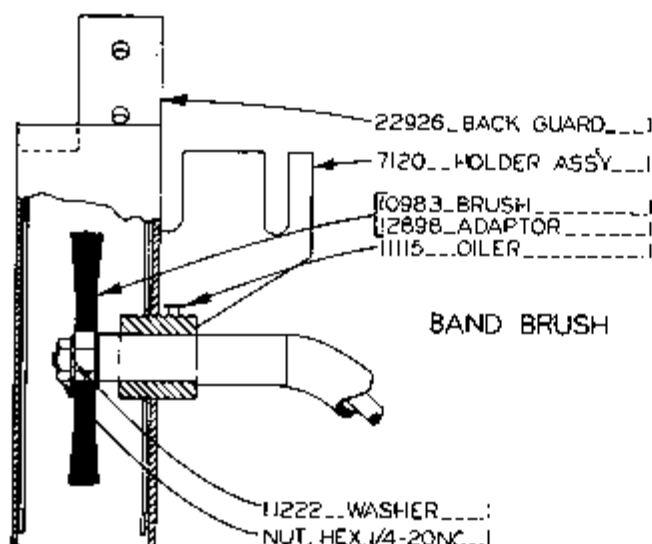


TNA ASSEMBLY

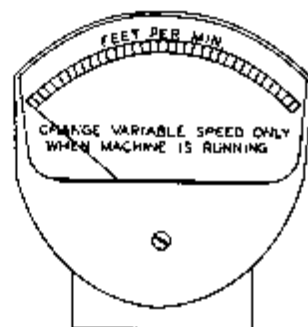
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2	1	10-10-60	10-10-60	10-10-60
3	1	10-10-60	10-10-60	10-10-60

FINAL ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y	INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	54852	Final Ass'y C-69		39	7120	Holder Sub-Ass'y	1
Ref.	54794	Final Ass'y C-70		40	199374	Shakeproof Lockwasher	
1	10418	Cover	1			1/4 Std. Type 11, Ext.	AR
2	55438	Drive Cover Ass'y	1	41	22926	Back Guard	1
3	2162	Knurled Screw	2	42	198008	Hex. Hd. Cap Scr. 1/4-20NC x 3/4	1
4	46946	Rear Cover C-69	1			Flat Washer 1/4 Std.	2
	198865	Rd. Hd. Mach. Scr. #10-24NC x 1/4"	5	43	199260	Wrought	1
5	46947	Rear Cover C-70	1	44	12898	Adaptor	1
	199465	Rd. Hd. Self Tap Scr. PX Type "F" #10-24 NC.	2	45	11115	Oil Hole Cover	1
6	35-1491	Cover	1	46	49167	Maintenance and Operation Plate	1
7	198866	Rd. Hd. Mach. Scr. #10-24NC x 5/16"	4	47	41263	Name Plate	1
8	58249	Drive Ass'y C-70 & C-69 (See Detail)	1	48	198746	Flat Hd. Mach. Scr. #10-24NC x 1/4"	3
9	35-2010	Pushbutton Clamp	AR	49	34829	Escutcheon	1
10	198840	Rd. Hd. Mach. Scr. #6-32NC x 3/8"	AR	50	199397	Drive Scr. #2 x 1/4" Type "U"	AR
11	199108	Hex. Nut #6-32NC	AR	51	58979	Electrical Ass'y C-69 (See Detail)	1
12	199317	Lockwasher #6 Std.	AR			Elec. Schematic C-69	1
13	56095	Frame Ass'y	1		59069	Electrical Ass'y C-70 (See Detail)	1
14	198803	Hex. Hd. Cap Scr. 5/8"-11NC x 1-1/2"	AR		47312	Elec. Schematic C-70	1
15	12420	Foot Casting	AR	52	56930	Hydraulic Ass'y C-69 (See Detail)	1
16	47201	Cover Weldment (Use with OBB Drive Motor).	USE		58425	Hyd. Schematic C-69	1
17	48891	Cover Weldment (Use with TEBS Drive Motor).	ONE		58413	Hyd. Schematic C-70	1
18	14197	Back-up Strip	1		59782	(See Detail)	1
19	27960	Lip	1	53	58427	Hyd. Schematic C-70	1
20	199464	Truss Hd. Self Tap Scr. #8-32NC x 3/8" Type "F"	9		56104	Front Vise Base Assembly (See Detail)	1
21	27961	Lip	2	54	116552	Data Plate	1
22	14194	Back-up Strip	2	55	199397	Rd. Hd. Drive Scr. #2x1/4" Type "U"	AR
23	104022	Cover	1	56	45577	Job Selector Ass'y (See Detail)	1
24	198866	Rd. Hd. Mach. Scr. #10-24NC x 5/16"	4	57	54353	Head Ass'y (See Detail)	1
25	13886	Gauge Ass'y (See Detail)	1	58	7461	Shim	AR
26	54707	Coolant Ass'y (See Detail)	1				
27	56096	Chip Box Sub-Ass'y	1			Following Items Not Shown:	
28	23860	Handle	1		56099	Stock Tray With Workstop C-69 (See Detail)	1
29	198909	Rd. Hd. Mach. Scr. 3/8-16NC x 3/4"	2		56098	Stock Tray C-70 (See Detail)	1
30	198067	Hex. Hd. Cap Scr. 1/2-13NC x 1-1/2"	AR		42490	Shovel Rake	1
31	199327	Lockwasher 1/2 Med. ASA	AR		7083	DoALL Power Cut	AR
32	104802	Dowel Pin	1		5811	Hydraulic Oil	AR
33	104803	Dowel Pin	1		15513	Kleen Flush	1
34	11222	Washer	1		55645	10' Conveyor Ass'y (See Detail)	1
35	198896	Rd. Hd. Mach. Scr. 1/4-20NC x 5/8"	AR		10983	Wire Brush	1
36	10983	Wire Brush	1		105571	Ratchet Wrench Sub-Ass'y	1
37	11323	Washer Hd. Screw	2				
38	11328	Hex Nut	1				

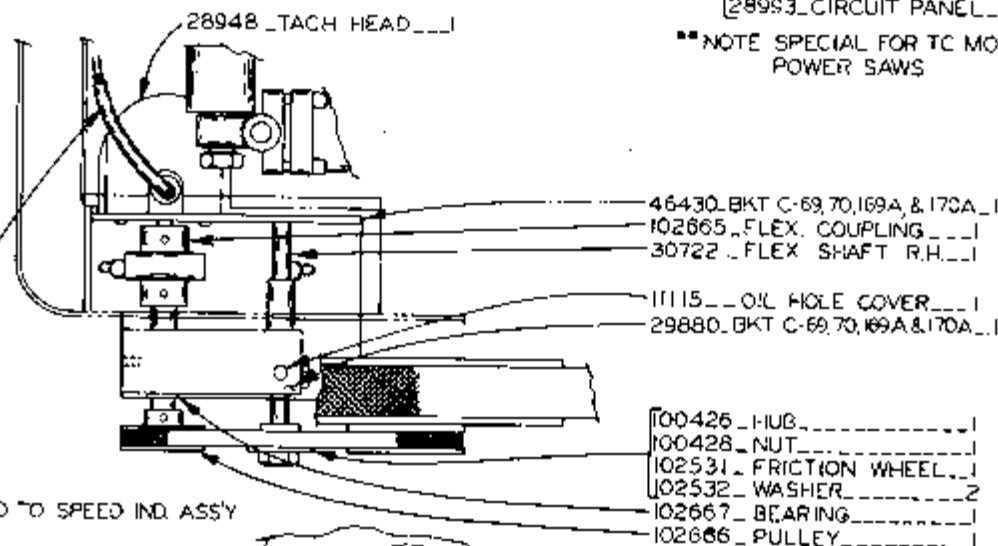


BAND BRUSH



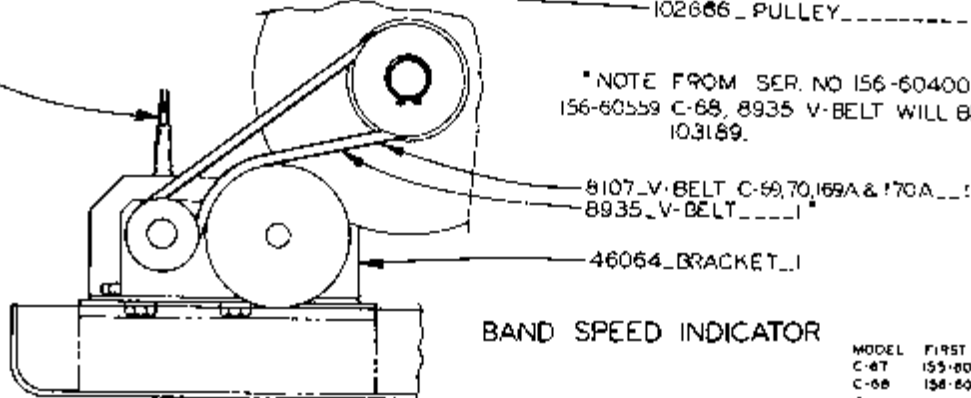
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- 1. METER 28993
- 1. CIRCUIT PANEL 28994
- FOR METRIC SPEED IND. ASSY.
- ORDER NO. 29513
- ** 1. SPEED IND. ASSY. 30729
- 1. METER 30959
- 1. CIRCUIT PANEL 28993

** NOTE SPECIAL FOR TC MODEL POWER SAWS



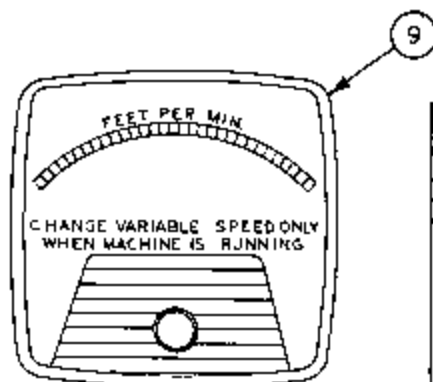
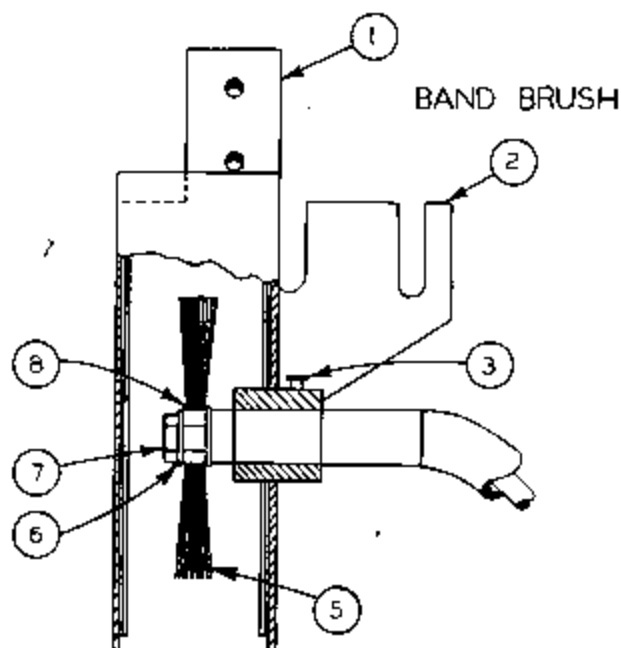
CORD TO SPEED IND. ASSY

* NOTE FROM SER. NO 156-60400 TO SER NO 156-60559 C-68, 8935 V-BELT WILL BE 103189.

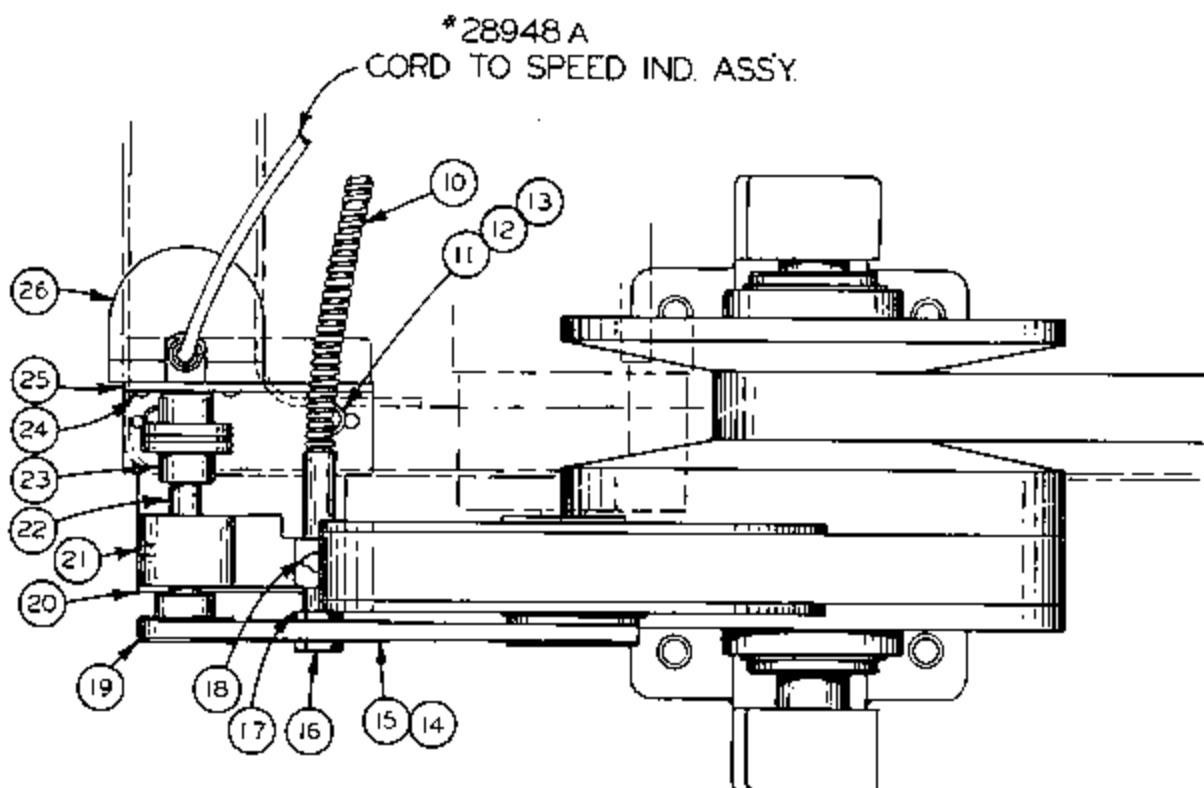


BAND SPEED INDICATOR

MODEL	FIRST MACH	LAST MACH
C-67	155-60300	155-60301
C-68	156-60400	156-60410
C-107A	173-60200	173-60212
C-168A	160-60103	160-60210
C-69	155-60400	155-60409
C-70	156-60600	156-60653
C-169A	173-60300	173-60311
C-170A	160-60300	160-60310
C-897C	155-60600	155-61601
C-107C	156-60600	156-61600



REVISIONS	
11-30-87	
RMV. 2-21-88	
SCL. 10-12-73	

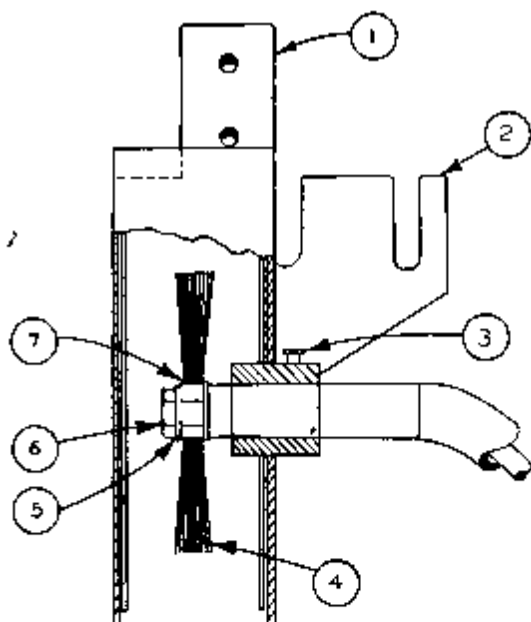


BAND SPEED INDICATOR

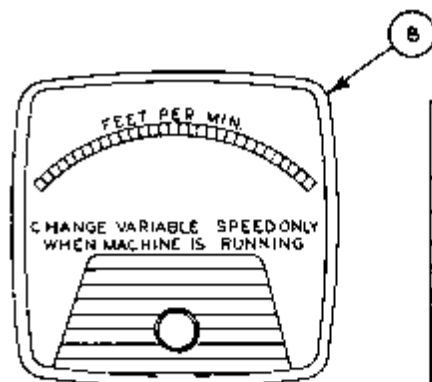
MODEL	FIRST MACH	LAST MACH
C-69	155-62670	155-671060
C-69TC	155-61602	155-671060
C-169	173-62512	173-67571
C-70	156-62956	156-672049
C-70TC	156-61801	156-672049
C-170	160-62511	160-67568
C-270	217-64101	217-67130

BAND BRUSH AND SPEED INDICATOR ASSEMBLY

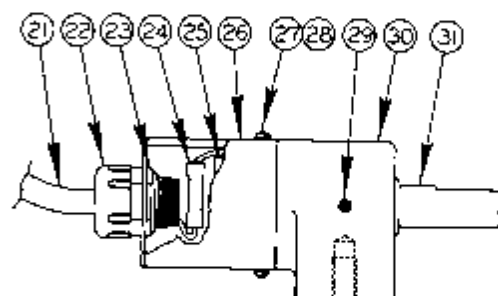
INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y
1	22926	. Back Guard.....	1
2	7120	. Holder Assembly.....	1
3	11115	. Oiler.....	1
5	10983	. Wire Brush.....	1
6	11222	. Washer.....	1
7	Comm.	. Nut, Hex. 1/4-20NC (RH Thread).....	1
8	12898	. Adaptor.....	1
9	29025	. Speed Ind. Assembly (C-69,70,169, & 170).....	1
	30729	. Speed Ind. Assembly (For TC Models Only).....	1
	29513	. Speed Ind. Assembly (Metric Machines Only).....	1
10	36488	. Flexible Shaft (R.H.).....	1
11	Comm.	. Screw, Hex. Hd. Cap 1/4-20NC x 1/2.....	2
12	Comm.	. Washer, Plain 1/4 Std.....	2
13	Comm.	. Washer, Lock 1/4 Std.....	2
14	116634	. Friction Wheel.....	1
15	102532	. Washer.....	2
16	100428	. Nut.....	1
17	116636	. Hub.....	1
18	11115	. Oiler.....	1
19	102666	. Pulley.....	1
20	29880	. Bracket.....	1
21	Comm.	. Scr. Soc. Set Cone Pt. #10-24NC x 3/8.....	1
22	102667	. Bearing.....	1
23	102665	. Coupling.....	1
24	Comm.	. Screw, Rd. Hd. Mach. #8-32NC x 3/4.....	4
25	46430	. Bracket.....	1
26	28948	. Tachometer Head.....	1



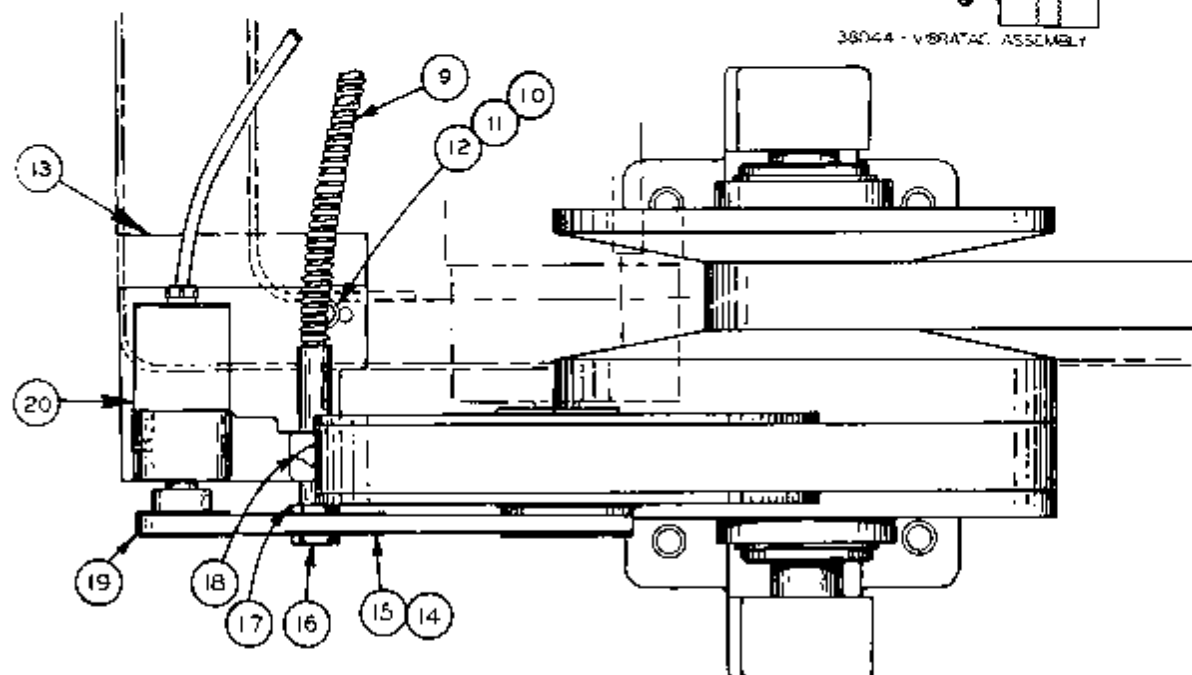
BAND BRUSH ASSEMBLY



NEW DRG.
SW. 3-8-66
REVISIONS
SW. 3-18-69
S.C.L. 2-14-74



38044 - VIBRATOR ASSEMBLY



BAND SPEED INDICATOR

MODEL	FIRST MACH.	LAST MACH.
C-69	155-671061	155-721269
C-70	156-672050	156-732648
C-169	173-67572	173-72562
C-170	160-67569	160-72602
C-270	217-67131	217-70139

BAND BRUSH ASSEMBLY & SPEED INDICATOR ASSEMBLY

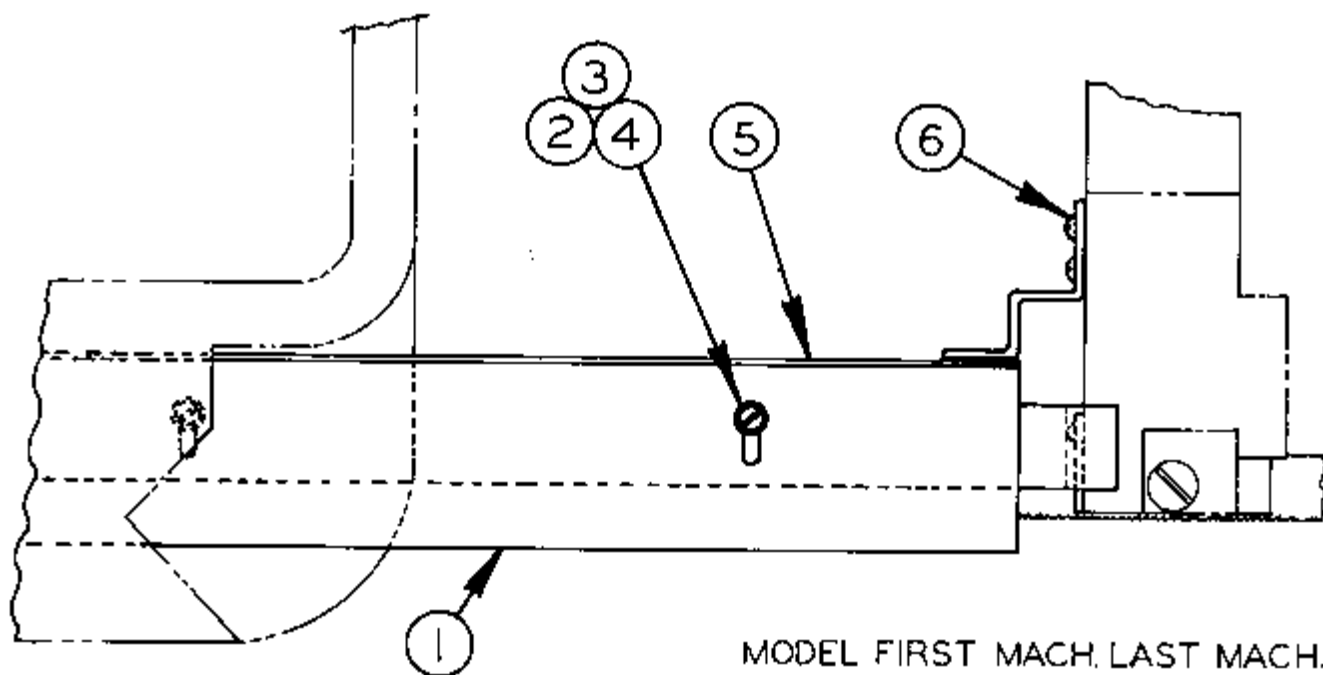
INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.		Final Assembly	
1	22926	. Back Guard.....	1
2	7120	. Holder Assembly.....	1
3	11115	. Oiler.....	1
4	10983	. Wire Brush.....	1
5	11222	. Washer.....	1
6	Comm.	. Nut, Hex. 1/4-20NC(R.H. Thread).....	1
7	12898	. Adaptor.....	1
8	29025	. Speed Indicator Assembly(C-69, 70, 169, 170, & 270)...	1
	30729	. Speed Indicator Assembly(TF Models Only).....	1
	29513	. Speed Indicator Assembly(Metric Machines Only).....	1
Ref.	58246	. Drive Assembly(C-169)	
Ref.	58249	. Drive Assembly(C-69, 70, 170, 270)	
9	36488	. Flexible Shaft Assembly R.H.....	1
10	Comm.	. Screw, Hex. Hd. Cap 1/4-20NC x 1/2.....	2
11	Comm.	. Washer, Flat 1/4 Std.....	2
12	Comm.	. Washer, Lock 1/4 Std.....	2
13	119833	. Bracket.....	1
14	116634	. Friction Wheel.....	1
15	102532	. Washer.....	2
16	100428	. Nut.....	1
17	4231	. Roll Pin.....	1
18	11115	. Oil Cup.....	1
19	102666	. Pulley.....	1
20	38044	. Vibratoc Assembly.....	1
21	Stk. #792	. Conductor Cord 18-2.....	A.R.
22	15139	. Cord Connector.....	1
23	19543	. Bonnut.....	1
24	103144-R	. Wire Connector.....	2
25	199834	. Vibratoc.....	1
26	119839	. Cover Weldment.....	1
27	Comm.	. Screw, Rd. Hd. Mach. #6-32NC x 3/8.....	2
28	Comm.	. Washer, Lock #6 Std.....	2
29	Comm.	. Screw, Soc. Set #10-24NC x 5/16 Cone Pt.....	1
30	38043	. Bearing Block.....	1
31	199832	. Bearing.....	1
	Following items not shown :		
	Comm.	. Screw, Rd. Hd. Mach. #4-40NC x 3/4.....	2
	Comm.	. Washer, Lock #4 Std.....	2
	Comm.	. Screw, Rd. Hd. Mach. #5-40NC x 3/4.....	1
	Comm.	. Washer, Shakeproof Lock #5 Std.....	1
	Comm.	. "Loctite Grade HV.....	A.R.

NEW DRG.

S.W. 6-7-68

REVISIONS

S.C.L. 11-27-73



MODEL	FIRST MACH.	LAST MACH.
C-12	114-56101	114-701386
C-69	155-60400	155-721269
C-70	156-60600	156-732648
C-270	217-63101	217-70139

BAND GUARD ATTACHMENT

BLADE GUARD ATTACHMENT

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	31208	Blade Guard Attachment (Left Hand)	
Ref.	31209	Blade Guard Attachment (Right Hand)	
1	31318	. Guard Cover Left Hand (Used on Assembly #31208)	1
	31324	. Guard Cover Right Hand (Used on Assembly #31209)	1
2	Comm.	. Screw, Rd. Hd. Mach., #10-32NF x 1/4"	3
3	Comm.	. Washer, Flat #10	3
4	Comm.	. Nut, Hex. Jam, #10-32NF	3
5	31207	. Blade Guard Weldment (Used on Assembly #31208)	1
	31205	. Blade Guard Weldment (Used on Assembly #31209)	1
6	Comm.	. Screw, Rd. Hd. Mach., #10-24NC x 3/8"	2

1-45° GREASE FITTING-10656

27411 RAIL --- 2
 1 ACTUATOR --- 10751
 1 SCREW --- 10752

9850 SPRING --- 1
 9904 SPRING --- 1
 9855 O-RING --- 1
 9856 WASHER --- 2
 9851 CYLINDER --- 1
 22484 PISTON ROD --- 1

NOTE:
 BRACKETED ITEMS ARE
 PART OF #44613
 CYLINDER ASS'Y.

44613 CYLINDER ASS'Y

1 CARRAGE --- 44625
 1 BEARING CAP --- 109803
 1 CHEV PACK --- 109877
 1 WASHER --- 109801
 1 SPRING --- 109802
 16685 BRACKET --- 1
 18156 LOCKSCREW --- 1
 50684 BASE --- 1
 5882 SHAFT --- 1

43020 BANDWHEEL ASSY
 2 BEARING --- 9500
 1 BANDWHEEL --- 43012

1 HANDWHEEL --- 28003
 4325 KEY --- 1
 9852 END CAP --- 1
 16649 COLLAR --- 1
 9860 DOWEL PIN --- 1
 12328 PISTON --- 1
 2743 1/2 CUP --- 1
 4274 ROLL PIN --- 1
 16605 COLLAR --- 1
 9853 GASKET --- 2
 44612 HEAD --- 1
 100782 ADJ SCREW --- 3
 7927 BRASS PLUG --- 7

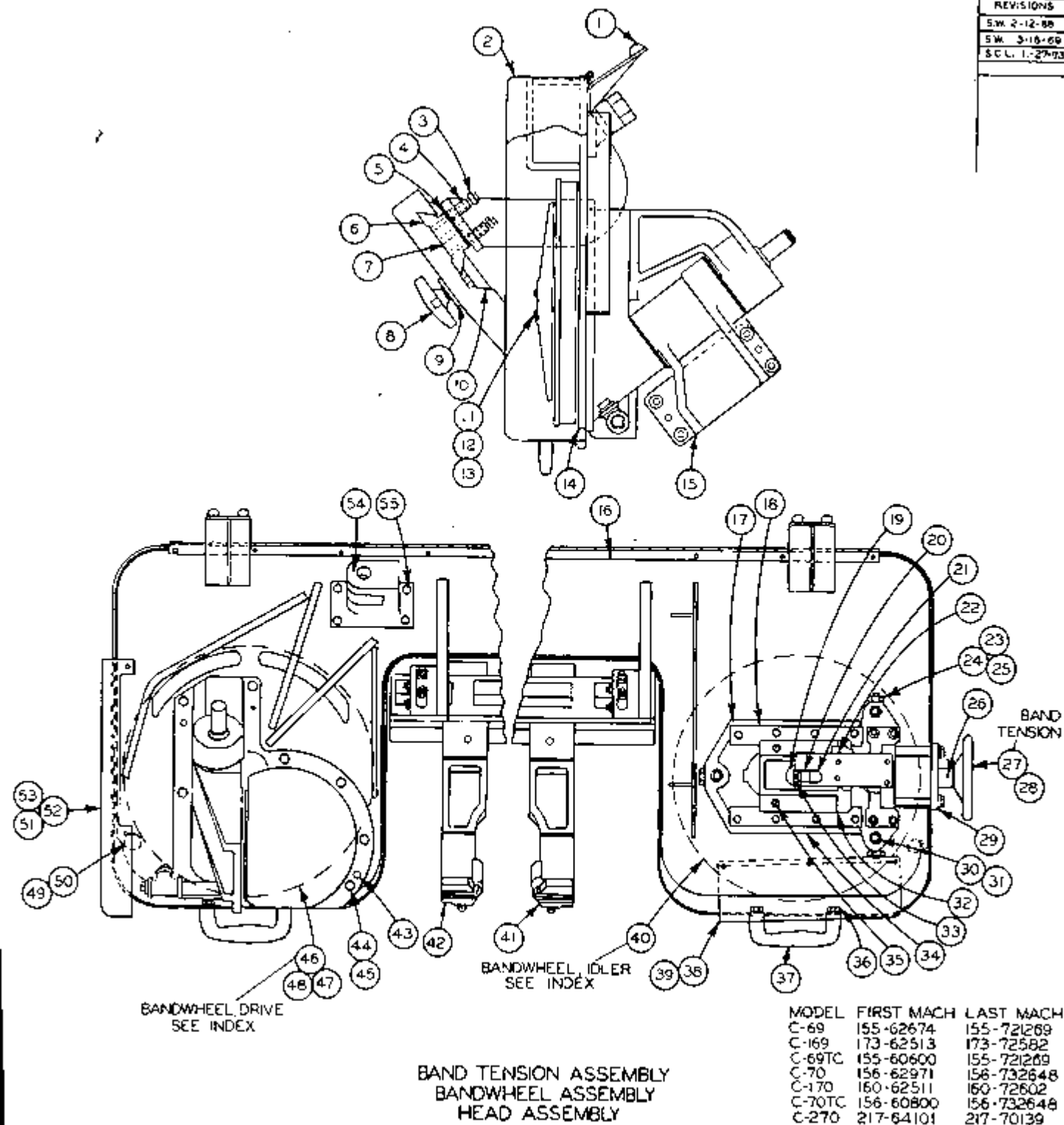
1 SNAPRING --- 35-7596
 1 WHEEL COVER --- 24743

#54526
 BAND TENSION CYL SUB ASS'Y
 HEAD ASSEMBLY

MODEL	FIRST MACH	LAST MACH
C-67	55-59101	155-61301
C-68	156-59 01	155-61418
C-167A	173-60 01	173-60201
C-168A	160-60301	160-60200
C-59	155-60400	155-62573
C-70	156-60600	156-62970
C-169A	173-60300	173-62512
C-170A	160-60300	160-62510
C-57	140-55301	140-60227
C-58	4-5901	141-60224

ORDER PRINT #54353 FOR COMPLETE HEAD ASS'Y MODELS C-57 C-58

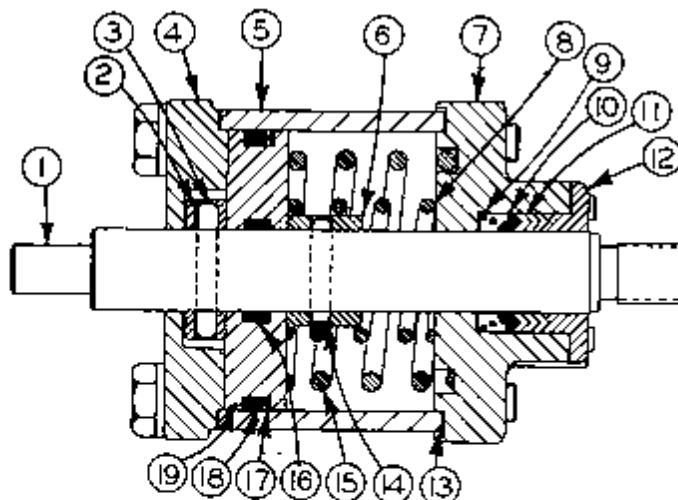
REVISIONS
SW. 2-12-88
SW. 3-18-89
SC L. 1-27-93



TITLE
HEAD ASSEMBLY

PS-2-12
CODE NO. _____

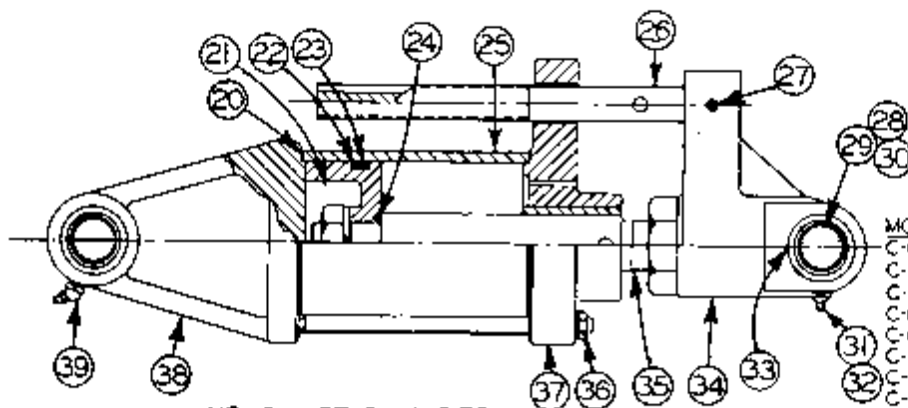
INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
		1 2 3 4 5 6 7	
Ref.	54353	Head Assembly	1
1	12235	. Rubber Grommet	6
2	52471	. Door Assembly	1
	55547	. Door Assembly (for 169 & 170 only)	1
3	11014	. Adj. Screw	4
4	Comm.	. Hex Hd. Cap Scr. 3/8-16NC x 2-3/4	4
5	105116	. Washer	7
6	29274	. Slide Bar	1
7	5918	. Dowel Pin	2
8	21986	. Hand wheel Assembly	2
9	15164	. Spacer	2
10	9887	. Gib	2
11	35-7596	. Snap Ring	2
12	Comm.	. Rd. Hd. Mach. Scr. #8-32NC x 1/4	6
13	36798	. Wheel Cover	2
14	50983	. Back Plate	1
15	Ref.	. Transmission (See Detail)	1
16	Comm.	. Rd. Hd. Mach. Scr. 1/4-20NC x 3/8	11
17	54528	. Band Tension Assembly	1
18	27411	. Rail	2
19	5882	. Shaft Wheel	1
20	10761	. Actuator	1
21	10752	. Shoulder Screw	1
22	16685	. Bracket	1
23	7927	. Brass Plug	7
24	Comm.	. Soc. Hd. Set Scr. 1/4-20NC x 3/4	7
25	Comm.	. Jam Nut 1/4-20NC	7
26	Comm.	. Soc. Hd. Cup Pt. Set Scr. 5/16-18NC x 1/4	1
27	24862	. Handwheel	1
28	4325	. Woodruff Key	1
29	Ref.	. Bond Tension Cylinder Ass'y (see detail)	1
30	100782	. Adj. Screw	3
31	Comm.	. Hex Hd. Cap Scr. 3/8-16NC x 2-1/4	3
32	44625	. Carriage	1
33	18156	. Lock Screw	1
34	50884	. Base	1
35	10656	. 45° Grease Fitting	2
36	Comm.	. Hex Hd. Cap Scr. 3/8-16NC x 3/4	4
37	23860	. Handle	2
38	11142	. Splash Pan	1
39	Comm.	. Rd. Hd. Mach. Scr. 1/4-20NC x 1/2	3
40	Ref.	. Bandwheel Assembly (see detail) (Idler)	1
41	400970	. Arm & Saw Guide Assembly Left (see detail)	1
42	400969	. Arm & Saw Guide Assembly Right (see detail)	1
43	34-03418	. Dowel	2
44	Comm.	. Hex Hd. Cap Scr. 3/8-16NC x 1-1/4	12
45	Comm.	. Lockwasher 3/8 Std.	16
46	Ref.	. Bandwheel Assembly (see detail) (Driven)	1
47	10384	. Shim	As Req.
48	10385	. Shim	As Req.
49	35-4529	. Plug Button	4
50	11261	. Bracket Door Stop	2
51	28804	. Splash Pan	1
52	Comm.	. Rd. Hd. Mach. Scr. 1/4-20NC x 5/8	2
53	Comm.	. Lockwashers 1/4 Std.	5
54	46214	. Upper Pivot	1
55	11-01308	. Spacer	As Req.



REVISIONS		
REV.	DATE	BY
1	2-2-80	SWT-26-79

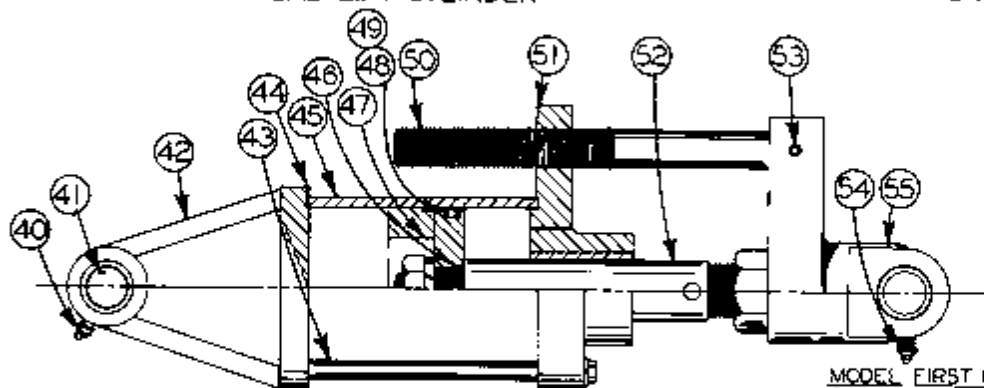
MODEL	FIRST MACH	LAST MACH
C-67	155-59101	155-61301
C-68	156-59101	156-61418
C-167	173-60101	173-60201
C-168	160-60101	160-60200
C-12	114-59488	114-701386
C-69	155-60400	155-721269
C-70	156-60600	156-732648
C-169	173-60300	173-72582
C-170	160-60600	160-72602
C-270	217-64101	217-70139

BAND TENSION CYLINDER



MODEL	FIRST MACH	LAST MACH
C-67	155-59101	155-61301
C-68	156-59101	156-61418
C-167	173-60101	173-60201
C-168	160-60101	160-60200
C-69	155-60400	155-65906
C-70	156-60600	156-651471
C-169	173-60300	173-65550
C-170	160-60600	160-65539
C-270	217-64101	217-65109

HEAD LIFT CYLINDER



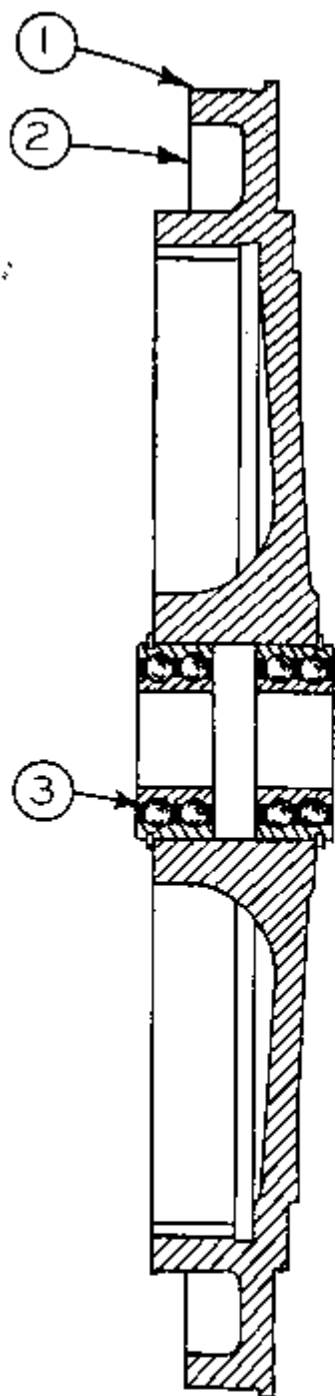
MODEL	FIRST MACH	LAST MACH
C-12	114-56101	114-701386

HEAD LIFT CYLINDER

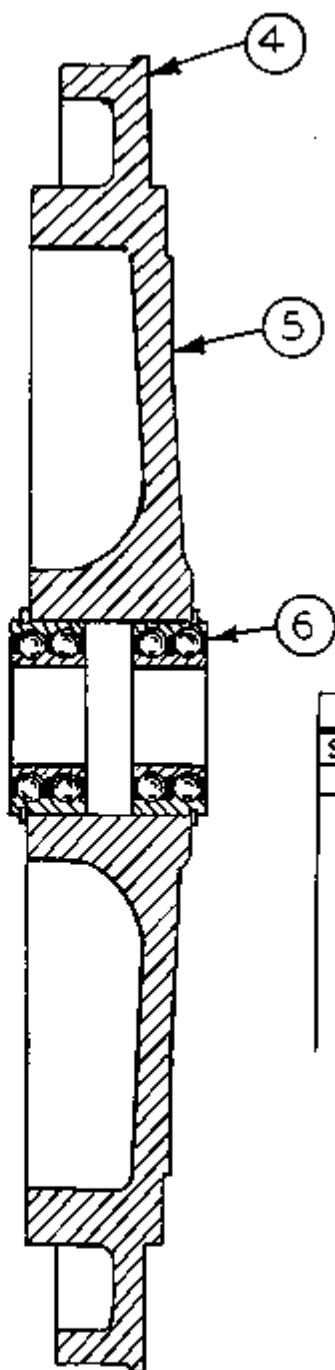
CYLINDERS ASSEMBLIES

BAND TENSION AND
HYDRAULIC CYLINDER ASSEMBLIES

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
		1 2 3 4 5 6 7	
Ref.	44613	Band Tension Cylinder Assembly (See Detail) C-12, 67, 68, 167, 168, C-69, 70, 169, 170, & 270	
1	22464	. Piston Rod	1
2	16649	. Collar	1
3	9880	. Dowel Pin	1
4	9852	. End Cap	1
5	9851	. Cylinder	1
6	16605	. Collar	1
7	44612	. Head	1
8	9850	. Spring	1
* 9	110000	. Shim	AR
	110004	. Shim	AR
	109802	. Spring	1
* 10	109801	. Adapter Ring	1
* 11	109877	. Fab. Chevron Packing Ring	1
	109878	. Homo Chevron Packing Ring	2
- 12	109803	. Bearing Cap	1
13	9853	. Gasket	1
14	4274	. Roll Pin	2
15	9904	. Spring	1
16	35-9521	. O-Ring	1
17	9856	. Back-Up Washer	2
18	9855	. "O"-Ring	1
19	36775	. Piston	1
	10437	. Back-up Ring	2
*NOTE: To replace items 9, 10, 11 & 12 order and replace as a unit.			
	29854	Head Cylinder Assembly (see hyd. detail) C-67, 68, 167, 168, 69, 70, 169, 170, and 270	1
20	8789	. Gasket	1
21	24864	. Piston	1
22	8973	. Backup Ring	1
23	8023	. "O"-Ring	1
24	35-9521	. "O"-Ring	1
25	22073	. Cylinder	1
26	10088	. Screw	1
27	4279	. Roll Pin	1
28	102533	Pin (not included in above 29854 ass'y.)	2
29	10384	Shim (not included in above 29854 ass'y.)	As Req.
30	10385	Shim (not included in above 29854 ass'y.)	As Req.
31	35-1775	. Grease Fitting	1
32	9247	. Extension	1
33	102530	. Bushing	2
34	46058	. Clevis	1
35	24865	. Piston Rod	1
36	10101	. Stud	4
37	26903	. Cylinder Cap Assembly	1
38	46057	. Cylinder End	1
39	10658	. Grease Fitting	1
	26739	Head Cylinder Ass'y. C-12 only (see hyd. system)	1
40	10656	. Grease Fitting	1
41	102686	. Bushing	2
42	24397	. Cylinder End	1
43	10101	. Stud	4
44	8789	. Gasket	1
45	22073	. Cylinder	1
46	35-9521	. "O"-Ring	1
47	24864	. Piston	1
48	8973	. Backup Ring	1
49	8023	. "O"-Ring	1
50	10088	. Screw	1
51	26903	. Cylinder Cap Assembly	1
52	24865	. Piston Rod	1
53	4279	. Roll Pin	1
54	35-1775	. Grease Fitting	1
55	42824	. Clevis	1



DRIVE



IDLER

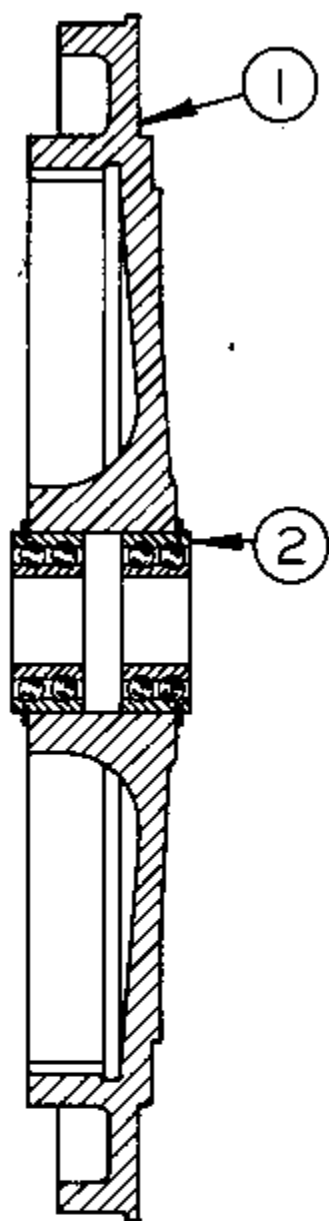
REVISIONS	
S.C.L.II-27-73	

MODEL	FIRST MACH.	LAST MACH.
C-69	155-62674	155-721269
C-169	173-62513	173-72582
C-70	156-62971	156-732648
C-170	160-62511	160-72602
C-69TC	155-60600	155-721269
C-70TC	156-60600	156-732648
C-270	217-64101	217-70139

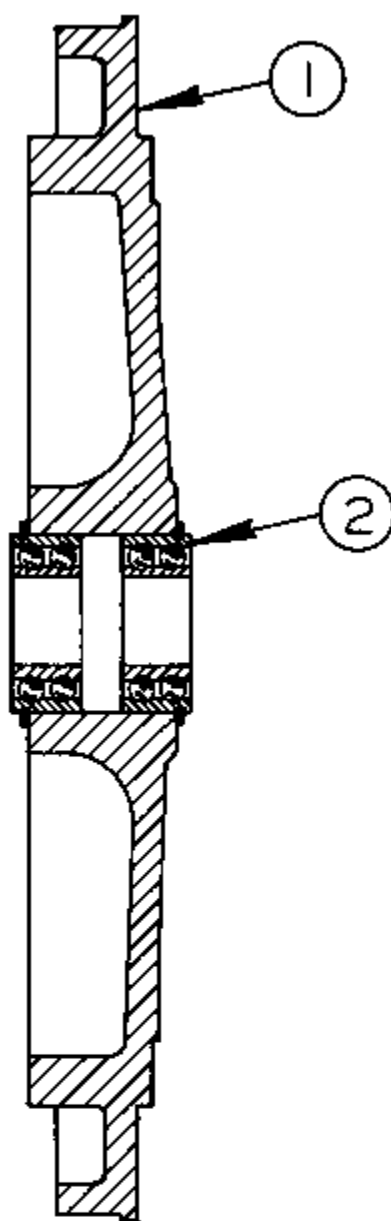
BANDWHEEL ASS'Y.

BANDWHEEL ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
	Ref.	Head Assembly.	1
1	44215	. Bandwheel Assembly (Driven) . .	1
2	44129	. . Bandwheel.	1
3	9500	. . Bearing.	2
4	44216	. Bandwheel Assembly (idler). . .	1
5	44130	. . Bandwheel.	1
6	9500	. . Bearing.	2



DRIVEN



IDLER

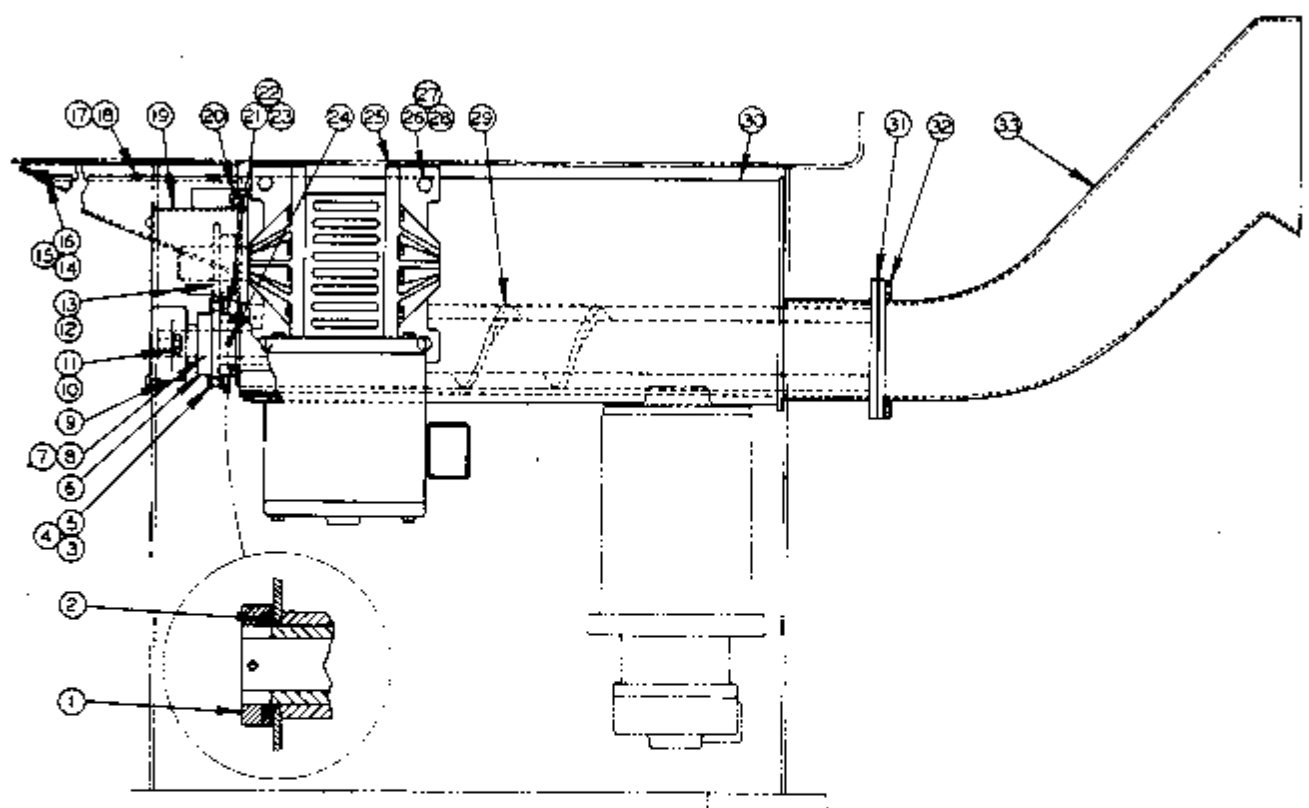
BANDWHEEL ASSEMBLY
(OPTIONAL)

NEW DRG.
SW. 5-11-68
REVISIONS
S.C.L. 11-27-73

MODEL	FIRST MACH.	LAST MACH.
C-12	114-681312	114-701386
C-69	155-671061	155-721269
C-169	173-67572	173-72562
C-70	156-672050	156-732648
C-170	160-67569	160-72602
C-270	217-67131	217-70139

OPTIONAL BAND WHEEL ASSEMBLY

INDEX NO.	PART NO..	DESCRIPTION	UNITS PER ASS'Y
Ref.	43021	Band Wheel Ass'y (Driven)	
1	43013	. Band Wheel	1
2	9500	. Bearing	2
Ref.	43020	Band Wheel Ass'y (Idler)	
1	43012	. Band Wheel	1
2	9500	. Bearing	2



CHIP CONVEYOR ASSEMBLY

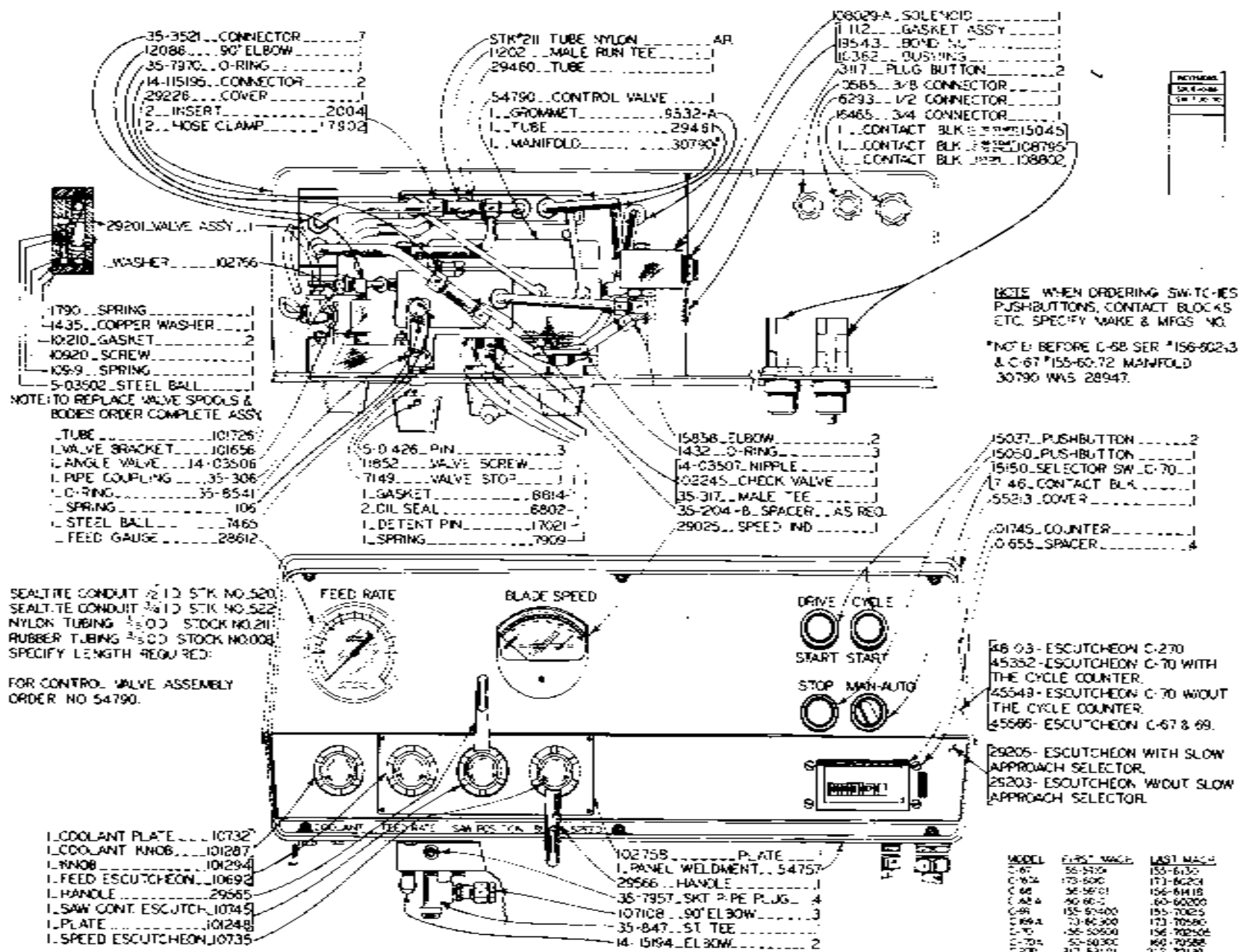
MODE	FIRST MACH	LAST MACH
C-40	155-81902	155-721269
C-70	156-01800	156-752648
C-210	217-84401	217-75139
C-79	300-7020	
C-80	800-70101	
C-179	300-7415	
C-180	352-70101	

CHIP CONVEYOR ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	55597	Chip Conveyor Assembly	
1	109811	. Collar.....	1
2	18467	. "O" Ring.....	1
3	116317	. Roller Chain.....	1
4	102972	. Offset Link.....	A.R.
5	104774	. Connecting Link.....	1
6	18099	. Sprocket (18T Diamond #66B18).....	1
7	103871	. Shaft.....	1
8	14-06338	. Key.....	1
9	101075	. Flange Bearing (Sealmaster #SFT 16).....	1
10	Comm.	. Screw, Hex. Hd. Cap 3/8-16NC x 3/4.....	2
11	Comm.	. Washer, Lock 3/8 Std.....	2
12	130713	. Sprocket (17T Diamond #40B17T).....	1
13	Comm.	. Screw, Soc. Set 1/4-20NC x 3/8.....	3
14	Comm.	. Screw, Truss Hd. Mach. #8-32NC x 1/4.....	21
15	27960	. Lip.....	1
16	14197	. Back-Up Strip.....	1
17	27958	. Lip.....	2
18	14195	. Back-Up Strip.....	2
19	46539	. Guard.....	1
20	Comm.	. Screw, Rd. Hd. Mach. 1/4-20NC x 1/4.....	4
21	4251	. Roll Pin.....	1
22	109749	. Washer.....	1
23	Comm.	. Screw, Soc. Hd. Set #10-24NC x 3/8.....	1
24	6-25528	. Dowel Pin.....	1
*25	130708	. Gear Motor (Dyna).....	1
26	Comm.	. Screw, Hex. Hd. Cap 5/16-18NC x 1-1/4.....	4
27	Comm.	. Washer, Lock 5/16-Std.....	4
28	Comm.	. Washer, Flat 5/16 Std.....	4
29	30796	. Screw Conveyor Assembly.....	1
*30	56105	. Chip Conveyor Drawer.....	1
31	103869	. Gasket.....	1
32	Comm.	. Screw, Hex. Hd. Cap 5/16-18NC x 3/4.....	4
33	46527	. Discharge Chute.....	1
Following items not shown:			
Comm.		. Screw, Hex. Hd. Cap 1/4-20NC x 3/8.....	8
Comm.		. Washer, Lock 1/4 Std.....	8
30775		. Deflector.....	2
27932		. Screen Ass'y.....	2
27933		. Back-Up Strip.....	2
22836		. Cover Ass'y.....	1
55651		. Electrical Assembly.....	1

*Note: Starred item #3 was #103873, and item #25 was #103874. Before Ser. #155-691157 on C-69, 156-682235 on C-70 and 217-69134 on C-270.

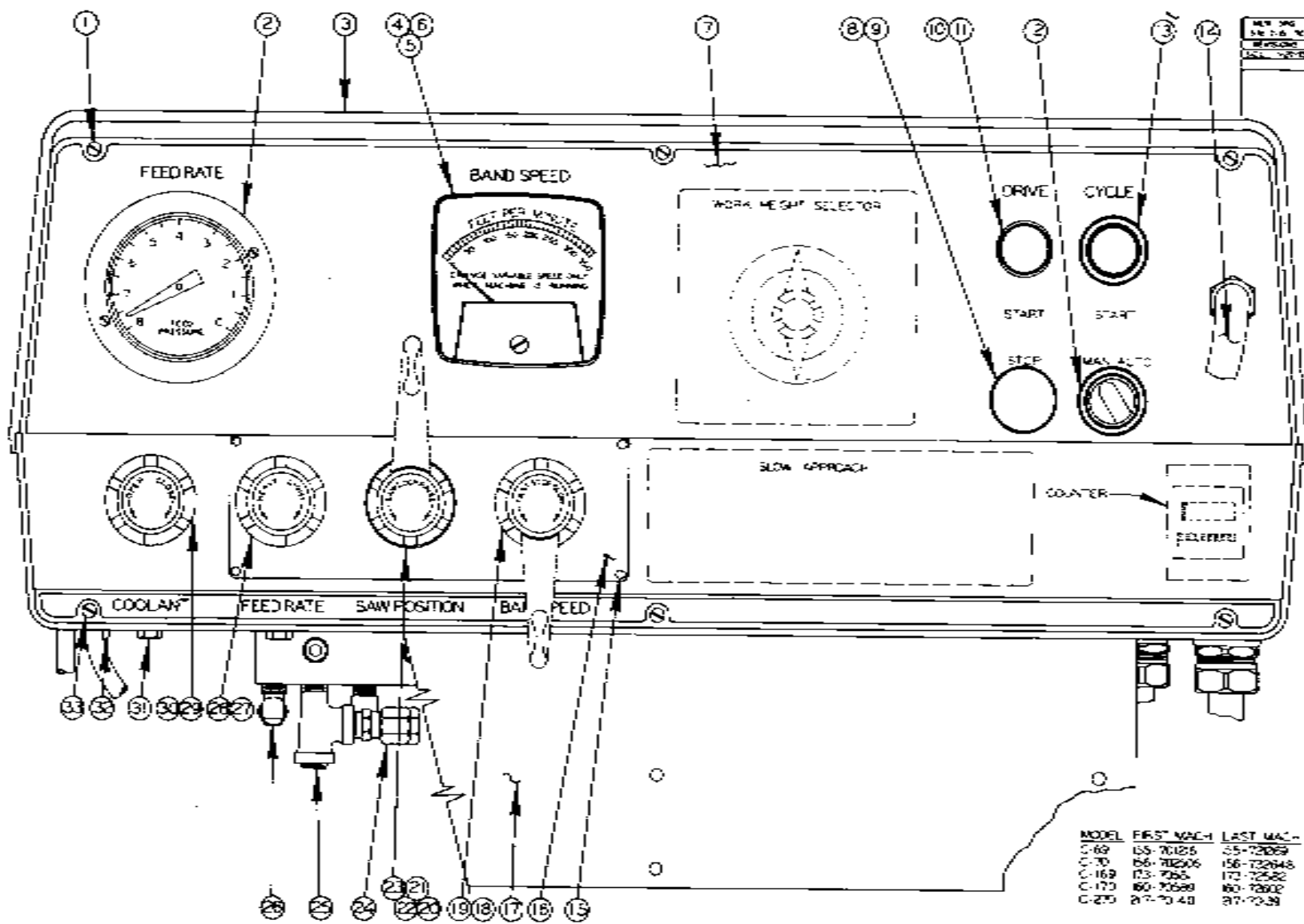
*Note: Starred item #30 was #55517 before Ser. #155-63812 on C-69, 156-631221 on C-70 and 217-64102 on C-270.



POWER SAW
CONTROL BOX ASS'Y.

MODEL	FLY* WAGE	LAST MACH
C-67	55-5109	155-6130
C-67A	173-6000	173-6020
C-68	36-5671	156-61118
C-68A	40-66-5	60-60000
C-69	155-60400	155-70025
C-69A	73-66300	173-70560
C-70	156-50500	156-70500
C-70A	50-60300	60-70588
C-70B	217-50131	217-70139

NEW ORG
S/N 1-6 1-6
REVISION
LOCAL 1-6-68



MODEL	FIRST MACH	LAST MACH
C-69	65-701255	65-72069
C-70	66-702005	66-720648
C-169	67-70565	67-72582
C-170	68-70589	68-72602
C-270	67-70440	67-7038

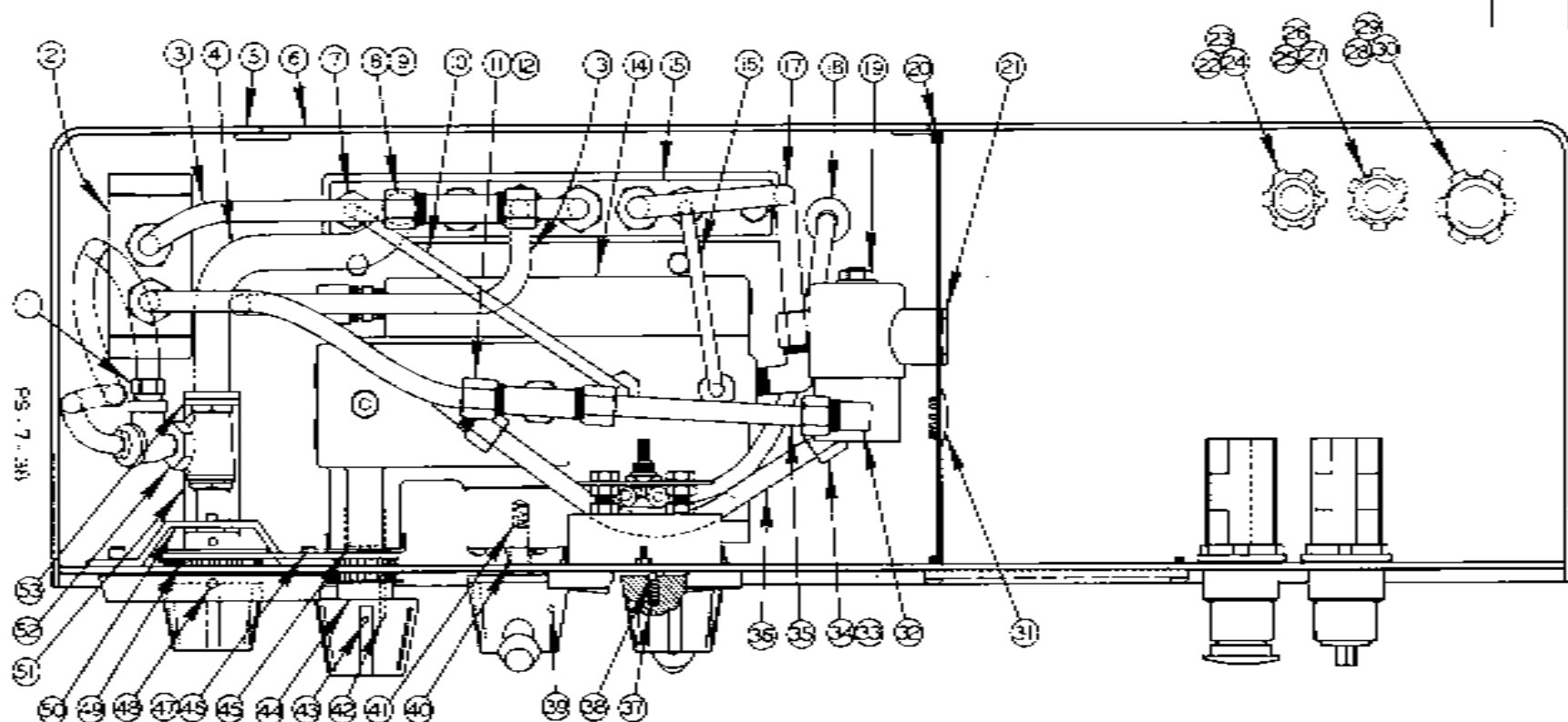
POWER SAW
CONTROL BOX ASSEMBLY

PS-7-37

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CONTROL BOX ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY
Ref.		Control Box Assembly	
1	Comm.	. Screw, Rd. Hd. Self Tap #8-32NC x 1/2....	3
2	39001	. Indicator Sub-Assembly.....	1
3	55213	. Cover Assembly.....	1
4	39188	. Speed Indicator Sub-Assembly.....	1
5	Comm.	. Nut #6-32NC.....	1
6	39407	. Speed Indicator(For Metric Machines only)...	1
7	45549	. Escutcheon.....	1
8	14961	. Pushbutton.....	1
9	104821	. Contact Block.....	1
10	14959	. Pushbutton.....	2
11	14962	. Contact Block.....	2
12	15245	. Selector Switch.....	1
13	104820	. Contact Block.....	1
14	45735	. Worklamp Assembly.....	1
15	Comm.	. Screw, Self Tap #4 Type "U" 1/4 L.G.....	4
16	121627	. Plate.....	1
17	54757	. Panel Weldment.....	1
18	29566	. Handle.....	1
19	10735	. Speed Plate.....	1
20	29565	. Handle.....	1
21	10745	. Saw Control Plate.....	1
22	101248	. Plate.....	1
23	Comm.	. Screw, Fl. Hd. Mach. 8-32NC x 3/8.....	2
24	107108	. Elbow Male 90°.....	1
25	35-7957	. Skt. Pipe Plug.....	4
26	14-115194	. Elbow Male 90°.....	2
27	101294	. Knob.....	1
28	10692	. Feed Plate.....	1
29	10732	. Coolant Plate.....	1
30	101287	. Coolant Knob.....	1
31	Comm.	. Screw, Hex. Hd. Mach. #10-24NC x 1/2....	8
32	Comm.	. Screw, Hex. Hd. Cap 1/4-20NC x 3/8.....	2
33	Comm.	. Screw, Rd. Hd. Mach. #8-32NC x 1/2.....	3



POWER SAW
CONTROL BOX ASSEMBLY

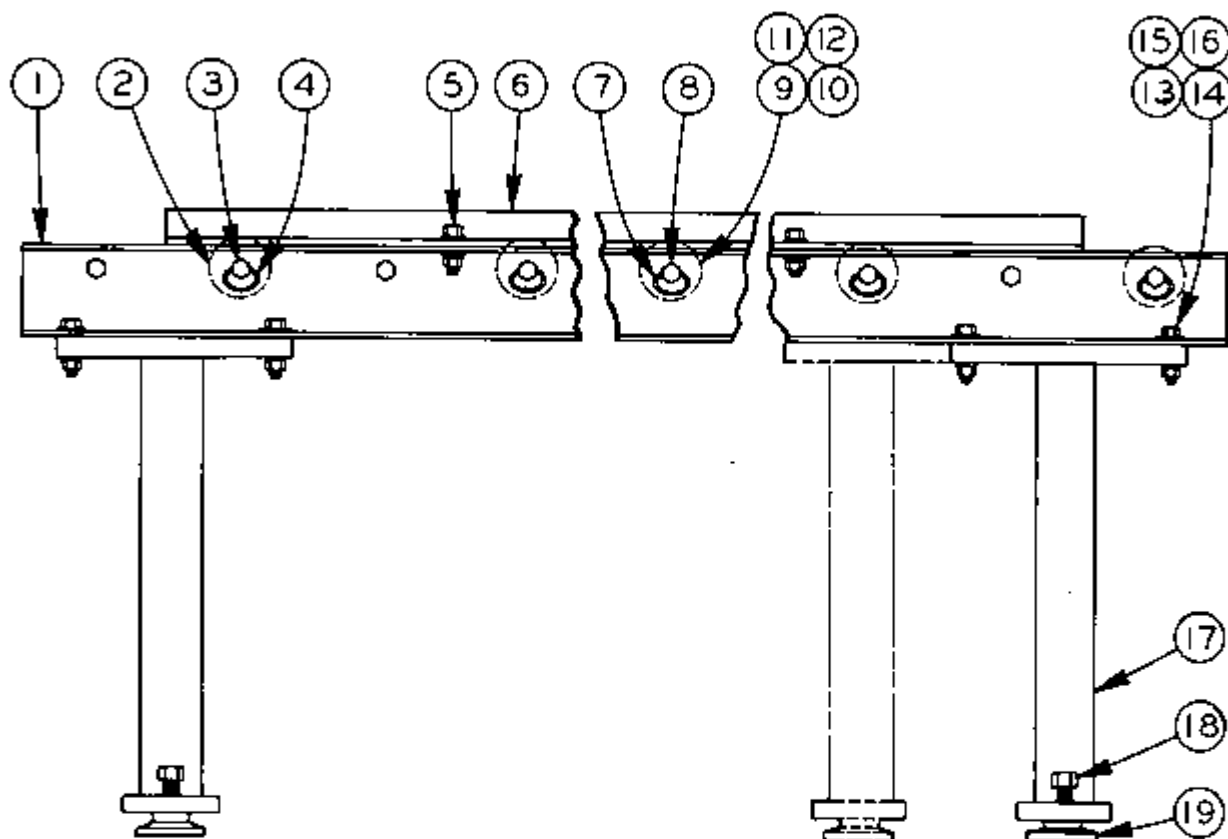
SHEET 2 OF 2

MODE	FIRST MACH	LAST MACH
C-65	65-7029	65-7229
C-70	70-7029	70-7229
C-75	75-7029	75-7229
C-80	80-7029	80-7229
C-85	85-7029	85-7229
C-90	90-7029	90-7229
C-95	95-7029	95-7229
C-100	100-7029	100-7229

CONTROL BOX ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY
Ref.		Control Box Assembly	
1	14840	• Hose Insert.....	2
2	29201	• Valve Sub-Ass'y.....	1
3	Stk #211	• Nylon Tubing 3/8 O.D.....	A.R.
4	Stk #008	• Rubber Tubing 5/8 O.D. x 3/8 I.D.....	A.R.
5	Comm.	• Screw, Fl. Hd. Plated Mach. #10-24NC x 1/4.....	4
6	29226	• Cover Weldment.....	1
7	14-115195	• Male Connector.....	2
8	2004	• Insert.....	2
9	17902	• Hose Clamp.....	2
10	Stk #210	• Nylon Tube 1/4 O.D.....	A.R.
11	14-03507	• Nipple.....	1
12	35-317	• Male Branch Tee.....	1
13	29460	• Tube.....	1
14	54790	• Control Valve Sub-Assembly.....	1
15	30790	• Manifold.....	1
16	Stk #210	• Nylon Tube 1/4 O.D.....	A.R.
17	29461	• Tube.....	1
18	19532A	• Grommet.....	1
19	119401	• Solenoid Valve.....	1
20	Stk #051	• Rubber Channel.....	A.R.
21	15818	• Conduit Nipple.....	1
22	10585	• Connector Assembly.....	1
23	Stk #519	• Sealite Conduit.....	A.R.
24	Stk #734	• Wire #14 x 70 Flamenol.....	A.R.
25	6293	• 1/2 Connector Assembly.....	1
26	Stk #520	• Sealite Conduit.....	A.R.
27	Stk #734	• Wire 14 x 50 Flamenol.....	A.R.
28	16465	• 3/4 Connector Assembly.....	1
29	Stk #522	• Sealite Conduit 3/4 I.D.....	A.R.
30	Stk #737	• Wire #14 x 112.....	A.R.
31	3117	• Plug Button.....	2
32	15858	• Elbow Male 90°.....	1
33	10923	• Nipple.....	1
34	18226	• Female Elbow 90°.....	1
35	Stk #211	• Nylon Tube 3/8 O.D.....	A.R.
36	Stk #211	• Nylon Tube 3/8 O.D.....	A.R.
37	1783	• Spring.....	1
38	34-01518	• Ball.....	1
39	Comm.	• Screw, Soc. Hd. Set 1/4-20NC x 3/8.....	3
40	17021	• Detent Pin.....	1
41	7909	• Spring.....	1
42	4217	• Roll Pin.....	1
43	5-01426	• Pin.....	3
44	121632	• Pulley.....	1
45	35-7708	• Spacer.....	A.R.
46	Comm.	• Screw, Soc. Cap #8-32NC x 5/8.....	2
47	Comm.	• Washer #8 Shakeproof.....	2
48	Comm.	• Screw, Soc. Hd. Set #10-24NC x 3/8.....	2
49	121633	• Timing Belt.....	1
50	121655	• Bracket Sub-Assy.....	1
51	101656	• Valve Bracket.....	1
52	14-03506	• Angle Valve.....	1
53	102766	• Washer.....	1

REVISIONS
REVISED AND REDRAWN RMV. 12-15-67

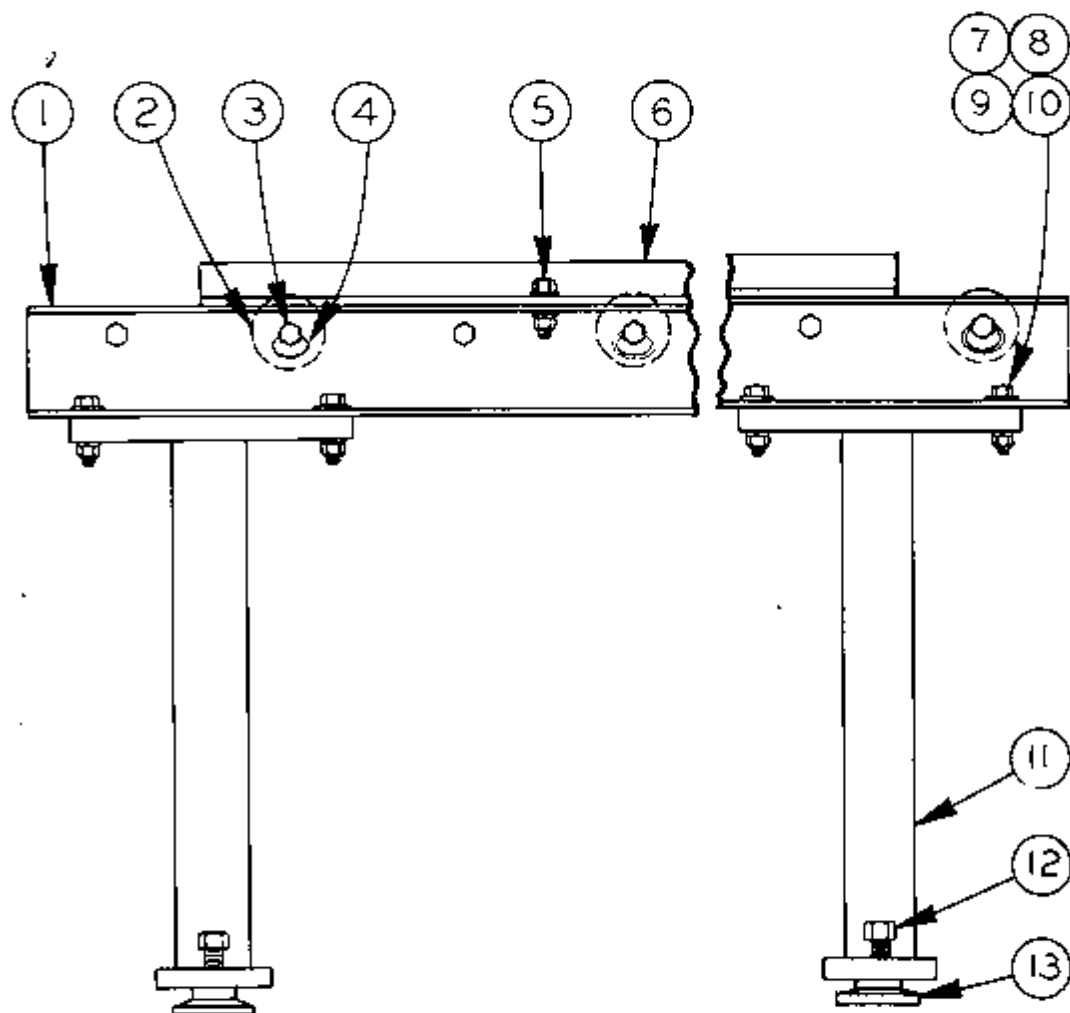


THIS SUPPORT WILL ONLY
BE IN THIS POSITION WHEN
CONVEYOR IS USED ON
MODELS C-12, C-57, C-67 & C-69.

5' & 10' CONVEYOR ASSEMBLY (12" & 15" ROLLERS)

5' & 10' CONVEYOR ASSEMBLIES

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	55098	5' Conveyor Assembly, C-12, C-57, C-58, C-67, C-68, C-167A, C-168A	
Ref.	55607	5' Conveyor Assembly, C-169 & C-170	
Ref.	55646	5' Conveyor Assembly, C-6, C-7, C-8, C-8A, C-9, C-9A, C-69, C-70 & C-270	
1	45543	Channel	2
5	Comm.	Screw, Hex. Hd. Cap, 3/8-16NC x 1"	4
6	25394	Fence	2
7	10916	Hog Rings	10
8	7285	Hex. Shaft	5
9	10898	12" Roller Weldment	5
	10899	18" Roller Assembly	5
10	114154	18" Tube	1
11	114111	Bearing	2
12	114110	Star Ring	2
13	Comm.	Screw, Hex. Hd. Cap, 3/8-16NC x 1-1/2"	8
14	Comm.	Washer, Lock, 3/8 Std.	12
15	Comm.	Nut, Hex., 3/8-16NC	12
17	54770	Support Ass'y. (Used on Ass'y. #55098)	2
	54889	Support Ass'y. (Used on Ass'y. #55607)	2
	55618	Support Ass'y. (Used on Ass'y. #55646)	2
18	Comm.	Screw, Hex. Hd. Cap, 1" - 18NC x 2"	4
19	12420	Foot Castings	4
Ref.	54767	10' Conveyor Assembly, C-12, C-57, C-58, C-67, C-68, C-167A & C-168A	
Ref.	54890	10' Conveyor Assembly, C-169 & C-170	
Ref.	55645	10' Conveyor Assembly, C-6, C-7, C-8, C-8A, C-9, C-9A, C-69, C-70 & C-270	
Ref.	55982	10' Conveyor Assembly, C2-1620	
1	45543	Channel	4
	45542	Conveyor Sub-Ass'y. (Used on Ass'y. #54890)	2
	45544	Channel Sub-Ass'y.	1
2	10899	18" Roller Ass'y.	5
	114154	18" Tube	1
	114111	Bearings	2
	114110	Star Rings	2
	7285	Hex. Shaft	2
4	10916	Hog Ring	10
5	Comm.	Screw, Hex. Hd. Cap, 3/8-16NC x 1"	4
6	25394	Fence	2
7	10916	Hog Ring	20
8	7285	Hex. Shaft	10
9	10899	18" Roller Ass'y.	10
10	114154	18" Tube	1
11	114111	Bearings	2
12	114110	Star Rings	2
13	Comm.	Screw, Hex. Hd. Cap, 3/8-16NC x 1-1/2"	16
14	Comm.	Nut, Hex., 3/8-16NC	20
15	Comm.	Washer, Lock, 3/8 Std.	20
17	54770	Support Ass'y. (Used on Ass'y. #54767)	3
	54889	Support Ass'y. (Used on Ass'y. #54890)	3
	55618	Support Ass'y. (Used on Ass'y. #55645)	3
	55982	Support Ass'y. (Used on Ass'y. #55982)	3
18	Comm.	Screw, Hex. Hd. Cap, 1" - 18NC x 2"	6
19	12420	Foot Casting	6



5' & 10' CONVEYOR ASSEMBLY
24" ROLLERS

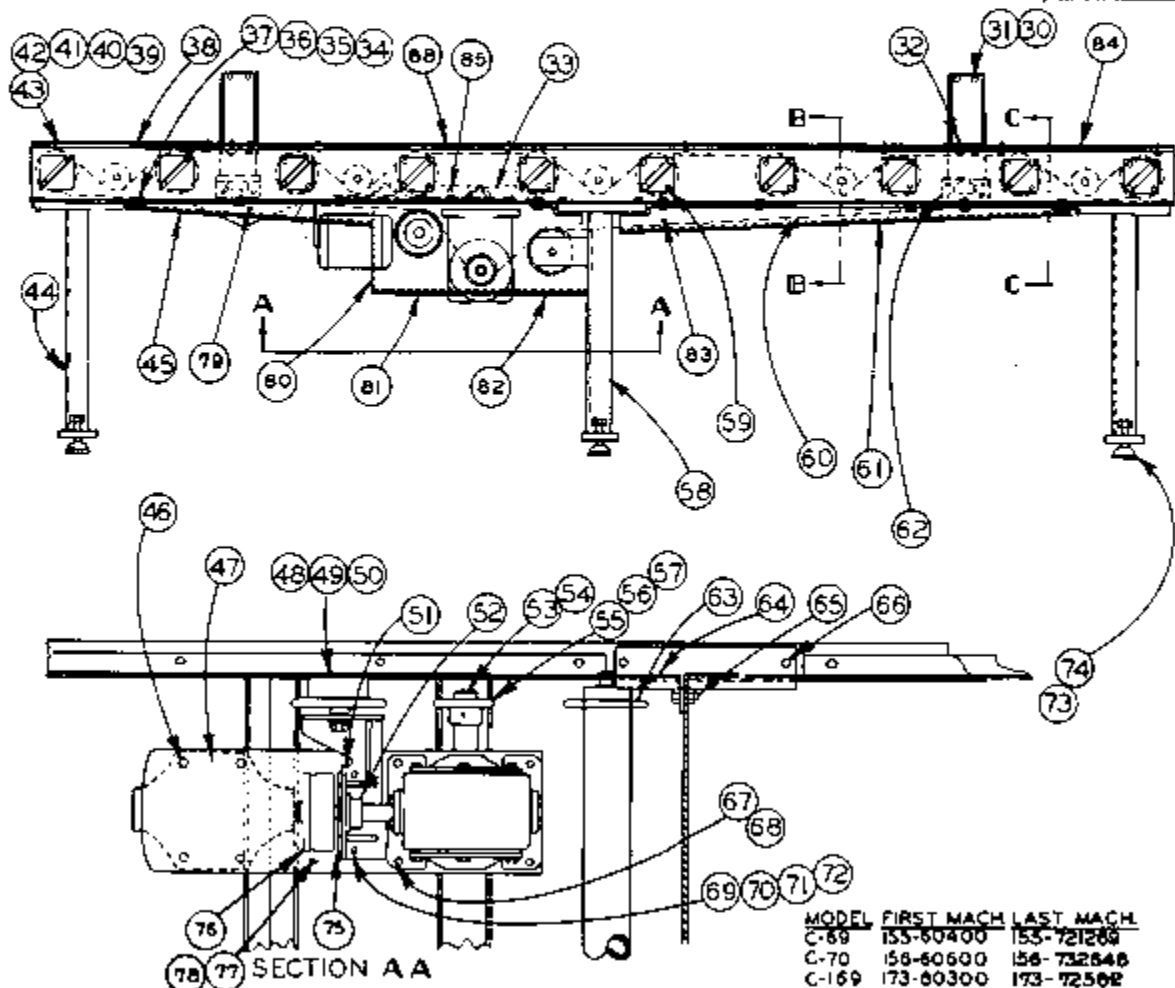
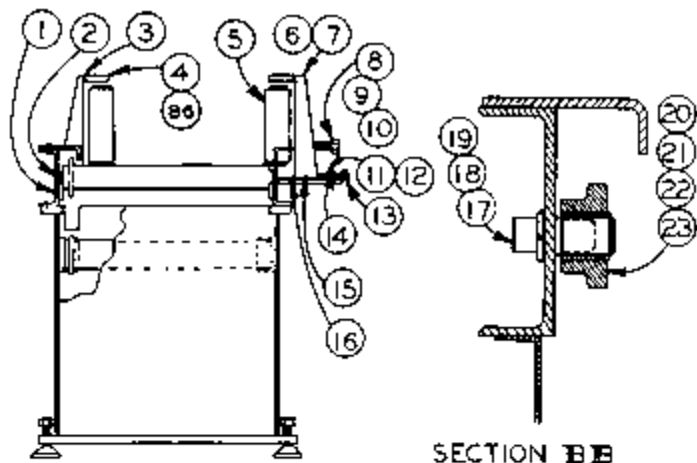
5' & 10' CONVEYOR ASSEMBLY
(24" Rollers)

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	56441	5' Conveyor Assembly (C-69 & C-70)	
Ref.	56462	5' Conveyor Assembly (C-169 & C-170)	
1	45543	. Channel	2
2	107882	. 24" Roller Ass'y.	5
	114111	. . Bearing	2
	114110	. . Star Ring	2
	114156	. . 24" Tube	1
3	7643	. Hex. Shaft	5
4	10916	. Hog Rings	10
5	Comm.	. Screw, Hex. Hd. Cap, 3/8-16NC x 1" .	4
6	25394	. Fence	2
7	Comm.	. Screw, Hex. Hd. Cap, 3/8-16NC x 1-1/2" .	8
8	Comm.	. Washer, Lock, 3/8 Std.	12
9	Comm.	. Nut, Hex., 3/8-16NC	12
10	13743	. Malleable Bevel Washer (Used only on Assembly #56441)	16
11	56440	. Support Ass'y. (Used on Ass'y. #56441) .	2
	56465	. Support Ass'y. (Used on Ass'y. #56462) .	2
12	Comm.	. Screw, Hex. Hd. Cap, 1"-18NC x 2" . .	4
13	12420	. Foot Castings	4
Ref.	56442	10' Conveyor Assembly (C-69 & C-70)(C-79 & C-80)	
Ref.	56464	10' Conveyor Assembly (C-169 & C-170)	
1	45543	. Channel	4
2	107882	. 24" Roller Ass'y.	10
	114111	. . Bearing	2
	114110	. . Star Ring	2
	114156	. . 24" Tube	1
3	7643	. Hex. Shaft	10
4	10916	. Hog Ring	20
5	Comm.	. Screw, Hex. Hd. Cap, 3/8-16NC x 1" .	4
6	25394	. Fence	2
7	Comm.	. Screw, Hex. Hd. Cap, 3/8-16NC x 1-1/2" .	16
8	Comm.	. Washer, Lock, 3/8 Std.	20
9	Comm.	. Nut, Hex., 3/8-16NC	20
10	13743	. Malleable Bevel Washer (Used only on Assembly #56442)	24
11	56440	. Support Ass'y. (Used on Ass'y. #56442) .	3
	56465	. Support Ass'y. (Used on Ass'y. #56464) .	3
12	Comm.	. Screw, Hex. Hd. Cap, 1"-18NC x 2" . .	6
13	12420	. Foot Castings	6

CONVEYOR ASSEMBLY 16", 18", and 20"
(Motorized)

CODE NO. PS-9-27
TF-5-93

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y	INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	56478	16" Motorized Conveyor Ass'y (C-69, C-79)		45	302955	Guard	1
Ref.	56481	16" Motorized Conveyor Ass'y (C-12)		46	198029	Screw, Hex. Hd. Cap 5/16-18NC x 1	4
Ref.	56482	16" Motorized Conveyor Ass'y (C-8, C-9, C-9V)				Motor	1
Ref.	56569	16" Motorized Conveyor Ass'y (C-169)		47	13596	Sprocket	1
Ref.	502790	16" Motorized Conveyor Ass'y (TF-14)		48	106848	Shaft	1
Ref.	52970	18" Motorized Conveyor Ass'y (C-12)		49	106849	Bearing	1
Ref.	56470	18" Motorized Conveyor Ass'y (C-69, C-79)		50	106847	Bracket Weldment	1
Ref.	56571	18" Motorized Conveyor Ass'y (C-169, C-179)		51	47265	Coupling	1
Ref.	58237	20" Motorized Conveyor Ass'y (TF-20)		52	103743	Spacer	4
1	45928	Channel Assembly (Used on Ass'y #56478, 56481, 56482, 56569, 503790)	1	53	14462	Reducer	1
	43597	Channel Assembly (Used on Ass'y #52970, 56470, 56571)	1	54	13593	Sprocket	1
	49789	Channel Assembly (Used on Ass'y #58237)	1	55	13595	Sprocket	1
2	102277	Hex. Shafts (Used on Ass'y #56478, 56481, 56482, 56569, 503790)	11	56	198422	Screw, Soc. Set 1/4-20NC x 1/4	1
	7643	Hex. Shafts (Used on Ass'y #52970, 56470, 56571)	1	58	55575	Support Ass'y (Used on Ass'y #56478, 56482)	1
	114277	Hex. Shafts (Used on Ass'y #58237)	11		55023	Support Ass'y (Used on Ass'y #56481)	1
3	102305	Spacer (#56478, 56481, 52970, 56569)	4		56534	Support Ass'y (Used on Ass'y #56569)	1
4	11719	Top Support Plate	4		53894	Support Ass'y (Used on Ass'y #52970)	1
5	11722	Roller	4		55584	Support Ass'y (Used on Ass'y #56470)	1
6	43620	Vertical Roller Assembly	2		56535	Support Ass'y (Used on Ass'y #56571)	1
7	43668	Jaw Sub-Assembly	1		58239	Support Ass'y (Used on Ass'y #58237)	1
8	12419	Collar	1		503778	Support Ass'y (#503790)	1
9	4273	Roll Pin	1		101691	Dowel	40
10	12418	Ball	1		106959	Chain	1
11	198291	Screw, Soc. Hd. Cap 1/2-13NC x 3/4	2		405006	Guard	1
12	199266	Washer, 1/2 Std.	2	59	29662	Base Ass'y (Used on Ass'y #56478, 56481, 56482, 56569, 503790)	2
13	25686	Base Sub-Assembly	1	60	300204	Base Ass'y (Used on Ass'y #58237)	2
14	198069	Screw, Hex. Hd. Cap 1/2-13NC x 2	4	61	25566	Base Ass'y (Used on Ass'y #52970, 56470, 56571)	2
15	7694	T-Nut	4	62	10916	Hog Ring	2
16	198047	Screw, Hex. Hd. Cap 3/8-16NC x 1 1/4	4		25493	Angle Bracket	2
17	198306	Screw, Soc. Hd. Cap 5/8-11NC x 3/4	6		198046	Screw, Hex. Hd. Cap 3/8-16NC x 1	8
18	199267	Washer, 5/8 Std.	6		198049	Screw, Hex. Hd. Cap 3/8-16NC x 1 3/4	12
19	199328	Washer, Lock 5/8 Std.	6		199327	Washer, Lock 1/2 Std.	4
20	106898	Sprocket	5	63	198068	Screw, Hex. Hd. Cap 1/2-13NC x 1 3/4	4
21	35-7558	Retaining Ring	12	64	198030	Screw, Hex. Hd. Cap 5/16-18NC x 1 1/4	3
22	35-3018	Bearing	5	65	6-04312	Shim	9
23	106946	Shaft	5		6-04311	Shim	12
24	198258	Screw, Soc. Hd. Cap 5/16-18NC x 3/4	40	66	199121	Nut, Hex. 5/16-18NC	3
25	199323	Washer, Lock 5/16 Std.	47		12420	Pool Casting	6
26	106798	End Bar	20	67	198093	Screw, Hex. Hd. Cap 1-8NC x 2	6
27	199262	Washer, Flat 5/16 Std. S.A.E.	38	68	198448	Screw, Soc. Set 3/8-16NC x 3/8	4
28	106797	Support Plate	20		122693	Hex. Shaft	10
29	102278	Roller 22" (Used on Ass'y #56478, 56482, 56569, 503790)	11	69	302926	Angle	1
	12227	Roller 24" (Used on Ass'y #52970, 56470, 56571)	11	70	302927	Angle	1
	114278	Roller 26" (Used on Ass'y #58237)	11	71	404923	Guard	1
30	25501	Up-Right Assembly	2	72	404930	Guard	1
31	198045	Screw, Hex. Hd. Cap 3/8-16NC x 7/8	8	73	302953	Guard	1
32	198048	Screw, Hex. Hd. Cap 3/8-16NC x 1 1/2	12	74	302954	Guard	1
33	404927	Guard	1	75	404929	Guard	1
34	198010	Screw, Hex. Hd. Cap 1/4-20NC x 1	10	76	302952	Guard	1
35	199116	Nut, Hex. 1/4-20NC	10	77	198867	Screw, Rd. Hd. Mach. #10-24NC x 3/8	21
36	199321	Washer, Lock 1/4 Std.	6	78		Guard	1
37	199260	Washer, Flat 1/4 Std. S.A.E.	10	79	203323	Mounting Angle	1
38	404922	Guard	1	80	199051	Screw, Hex. Hd. Cap 3/8-16 NC x 2-1/4	2
39	199090	Screw, Rd. Hd. Mach. 3/8-16NC x 1	12	81		Screw, Hex. Hd. Cap 1/2-13 NC x 1-1/4	4
40	199126	Nut, Hex. 3/8-16NC	36	82		Washer, Flat 1/2 Std.	4
41	199332	Washer, Lock 3/8 Std.	48	83		Spacer (#56482, 58237, 56571, 503777)	A.R.
42	199302	Washer, Flat 3/8 Std.	12	84			
43	13743	Washer, Bevel	26	85			
44	55574	Support Ass'y (Used on Ass'y #56478, 56482)	2	86			
	55022	Support Ass'y (Used on Ass'y #56481)	2	87			
	56424	Support Ass'y (Used on Ass'y #56569)	2	88			
	53893	Support Ass'y (Used on Ass'y #52970)	2	89			
	55583	Support Ass'y (Used on Ass'y #56470)	2	90			
	56465	Support Ass'y (Used on Ass'y #56571)	2	91			
	58238	Support Ass'y (Used on Ass'y #58237)	2				
	503777	Support Ass'y (Used on Ass'y #503790)	2				



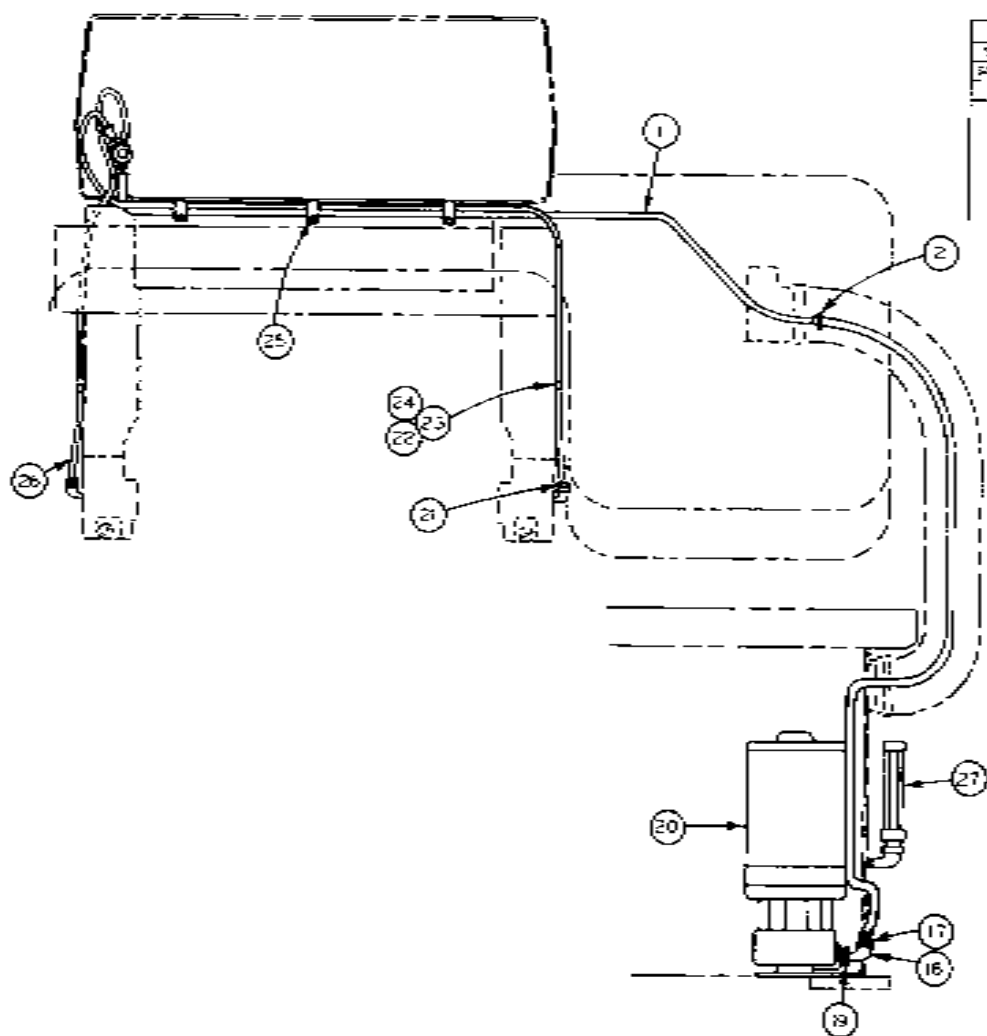
MOTORIZED CONVEYOR-16" & 18"
(WITH ELECTRIC BRAKES)

MOTORIZED CONVEYOR 16" & 18"
(With Electric Brakes)

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y	INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	55439	16" Motorized Conveyor with Elec. Brakes (C-70)(C-9A)(C-9AV)		40	199126	Nut, Hex. 3/8-16NC.	36
Ref.	55579	16" Motorized Conveyor with Elec. Brakes (C-69)		41	199332	Washer, Lock 3/8 Std.	48
Ref.	56568	16" Motorized Conveyor with Elec. Brakes (C-169)		42	199302	Washer, Flat 3/8 Std.	12
Ref.	56566	16" Motorized Conveyor with Elec. Brakes (C-170)		43	13743	Washer, Bevel	26
Ref.	56477	18" Motorized Conveyor with Elec. Brakes (C-69)		44	55574	Support Assy (Used on ass'y #55439 & 55579)	2
Ref.	56570	18" Motorized Conveyor with Elec. Brakes (C-169)(C-170)		56424	Support Assy (Used on ass'y #56568 & 56566)	2	
Ref.	56567	18" Motorized Conveyor with Elec. Brakes (C-170)		55583	Support Assy (Used on ass'y #56477)	2	
1	43928	Channel Assy (Used on ass'y #55439, 55579, 56568 & 56566)	1	56465	Support Assy (Used on ass'y #56570 & 56567)	2	
	43597	Channel Assy (Used on ass'y #56477, 56570 & 56567)	1	302955	Guard	1	
2	102277	Flx. Shaft (Used on ass'y #55439, 55579, 56568 & 56566)	1	198029	Ser. Hex. Hd. Cap 5/16-18NC x 1	4	
	7643	Max. Shaft (Used on ass'y #56477, 56570 & 56567)	1	47	13596	Motor	1
3	102303	Spacer	4	106848	Sprocket	1	
4	11719	Top Support Plate	4	106849	Shaft	1	
5	11722	Roller	4	50	106847	Bearing	1
6	43620	Vertical Roller Assembly	2	51	47265	Bracket Weldment	1
7	43668	Jaw Sub-Assembly	1	52	103743	Coupling	1
8	12419	Collar	1	53	14462	Spacer	4
9	4233	Roll Pin	1	54	13593	Reducer	1
10	12418	Bolt	1	55	15453	Sprocket	1
11	198091	Ser. Soc. Hd. Cap 1/2-13 x 3/4	2	56	13595	Sprocket	1
12	199266	Washer, 1/2 Std.	2	57	198422	Ser. Soc. Set 1/4-20NC x 1/4	1
13	25686	Base Sub-Assembly	1	58	55575	Support Assy (Used on ass'y #55439 & 55579)	1
14	198049	Ser. Hex. Hd. Cap 1/2-13NC x 2	4	56534	Support Assy (Used on ass'y #56568 & 56566)	1	
15	7694	T-Nut	4	55584	Support Assy (Used on ass'y #56477)	1	
16	198047	Ser. Hex. Hd. Cap 3/8-16NC x 1 1/4	4	56533	Support Assy (Used on ass'y #56570 & 56567)	1	
17	198306	Ser. Soc. Hd. Mach 5/8-11NC x 3/4	6	101691	Dowel	40	
18	199267	Washer, 5/8 Std.	6	106759	Chain	1	
19	199328	Washer, Lock 5/8 Std.	6	403008	Guard	1	
20	106898	Sprocket	5	29562	Base Assy (Used on ass'y #55439, 55579, 56568 & 56566)	2	
21	35-7358	Retaining Ring	12	23566	Base Assy (Used on ass'y #56477, 56570 & 56567)	2	
22	35-3018	Bearing	5	10916	Hog Ring	2	
23	106944	Shaft	5	23493	Angle Bracket	2	
24	199258	Ser. Soc. Hd. Mach. 5/16-18NC x 3/4	40	198046	Ser. Hex. Hd. Cap 3/8-16NC x 1	8	
25	199323	Washer, Lock 5/16 Std.	47	199327	Ser. Hex. Hd. Cap 3/8-16NC x 1 3/4	12	
26	106798	End Bar	20	198067	Ser. Hex. Hd. Cap 1/2-13NC x 1 3/4	4	
27	199262	Washer, Flat 5/16 Std. SAE	44	198030	Ser. Hex. Hd. Mach 5/16-18 NC x 1-1/4	3	
28	106797	Support Plate	20	6-04312	Shim	9	
29	102278	Roller 22" (Used on ass'y #55439, 55579, 56568 & 56566)	11	6-04311	Shim	12	
	12227	Roller 24" (Used on ass'y #56477, 56570 & 56567)	11	198121	Nut, Hex. 5/16-18NC	3	
30	25501	Up-Right Assembly	2	13420	Foot Casting	6	
31	198045	Ser. Hex. Hd. Cap 3/8-16NC x 7/8	8	198093	Ser. Hex. Hd. Cap 1-8NC x 2	6	
32	198048	Ser. Hex. Hd. Cap 3/8-16NC x 1-1/2	12	198236	Ser. Soc. Hd. Mach 1/4-20 NC x 1/2	4	
33	302927	Angle	1	103741	Elec. Brake (Worm #8400)	1	
34	198010	Ser. Hex. Hd. Cap 1/4-20NC x 3/4	10	198867	Ser. Rd. Hd. Mach. #10-24NC x 3/8	A.R.	
35	199116	Nut, Hex. 1/4-20NC	10	405005	Guard	1	
36	199321	Washer, Lock 1/4 Std.	6	302952	Guard	1	
37	199260	Washer, Flat 1/4 Std. SAE	10	404929	Guard	1	
38	404922	Guard	1	302954	Guard	1	
39	Conn	Ser. Rd. Hd. Mach 3/8-16NC x 1-1/4	12	302953	Guard	1	
				404930	Guard	1	
				404923	Guard	1	
				302926	Angle	1	
				198448	Ser. Soc. Set 3/8-16NC x 3/8	A.R.	
				87	122693	Hex. Shafts	10
				88	404927	Guard	1

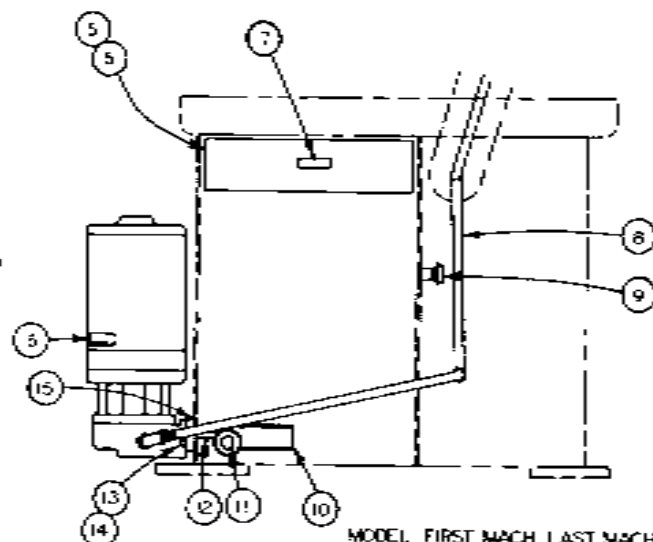
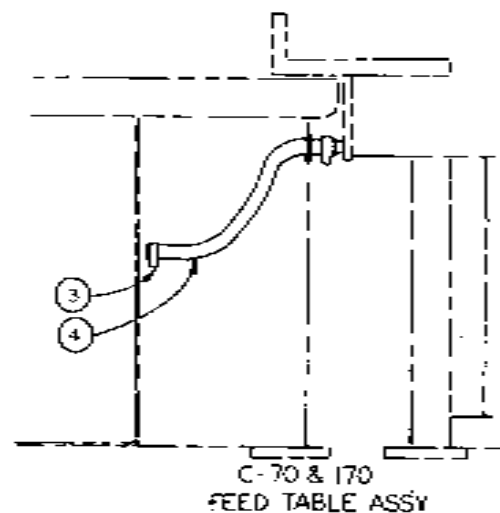
Following Items not shown:

Shk #721	Wire, Stranded #14 Black	A.R.
Shk #738	Wire, Stranded #14 Black	A.R.



COOLANT ASSEMBLY

REVISIONS
SW 3-5-58
PC 1-27-78

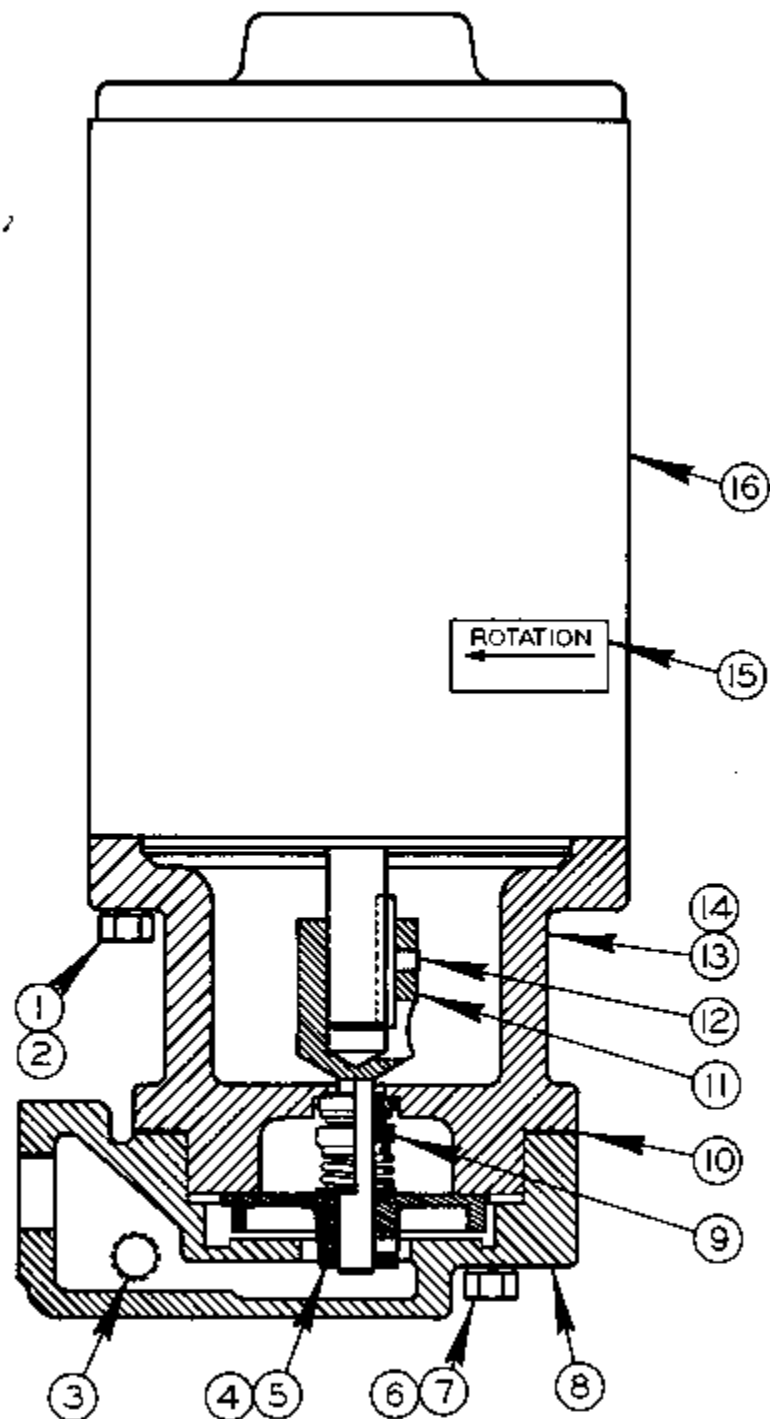


MODEL	FIRST MACH	LAST MACH
C-69	155-60400	155-72069
C-69TC	155-61600	155-72069
C-169	173-60300	73-67571
C-70	156-60600	156-732648
C-70TC	156-61800	156-732648
C-170	160-60300	160-67568
C-270	217-64101	217-67130

COOLANT ASSEMBLY

INDEX, NO.	PART NO.	DESCRIPTION	UNITS PER ASSY
Ref.	54707	Coolant Assembly	1
1	Stk #211	. Nylon Tubing 3/8 OD x .035.	A.R.
2	17902	. Hose Clamp.	2
3	17903	. Hose Clamp (used on C-70, 170 & 70tc)	2
4	Stk #002	. Hose 7/8 OD x 1/2 ID x 16" (only used on C-70, 170, & 70tc).	A.R.
5	56096	. Chip Box Assembly.	1
6	16738	. . . Screen	1
7	23860	. . . Handle	1
8	Stk #003	. Hose 11/16 O.D. x 3/8 I.D.	A.R.
9	10478	. Cap.	1
10	20921	. Strainer Assembly	1
	3619	. . . Screen	2
11	35-6580	. Pipe Plug	1
12	1912	. Nipple	1
13	Comm.	. Hex. Nut 3/8-16NC	2
14	Comm.	. Lockwasher 3/8 Std	2
15	1980	. Gasket.	1
16	4655	. Decal	1
17	2004	. Hose Nipple	1
18	17-13521	. Street Elbow	1
19	35-3506	. Reducer Bushing	1
20	41878	. Coolant Pump (see detail page Ps-6-7)	1
21	105053	. Street Elbow (only used on C-169 & 170)	2
22	9955	. Tubing Clamp	5
23	Comm.	. Rd. Hd. Mach. Scr. 1/4-20NC x 3/8	5
24	Comm.	. Lockwasher (star) 1/4 Std.	5
25	Comm.	. Hex. Nut 1/4-20NC	3
26	Stk #221	. Plastic Hose 1/4 ID.	A.R.
	42490	. Shovel-Rake (not shown)	1
27	13886	. Gauge Assembly.	1

REVISED AND REDRAWN
SW 3-22-70
SW 4-22-73
SCL 10-30-73



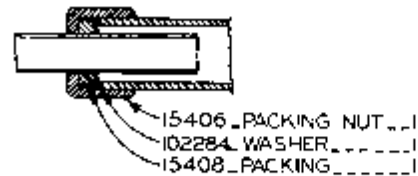
USED ON ALL SAWS WHEN
COOLANT ASSEMBLY IS SUPPLIED

COOLANT PUMP

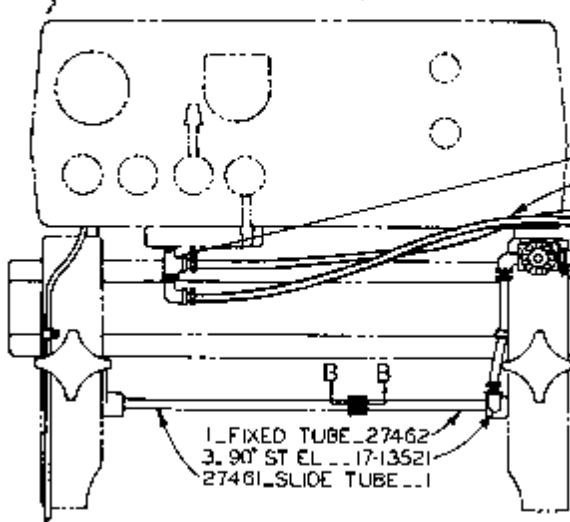
COOLANT PUMP ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY
Ref.	41878	Coolant Pump Assembly	
1	198047	. Screw, Hex. Hd. Cap 3/8-16NC x 1-1/4.....	4
2	199332	. Washer, Lock 3/8.....	4
3	122748	. Pipe Plug.....	1
4	2929	. Impeller.....	Use
	25106	. Impeller -25V Motor(1450 RPM).....	One
5	198417	. Screw, Soc. Set #10-32NF x 1/4.....	1
6	198033	. Screw, Hex. Hd. Cap 5/16-18NC x 2.....	4
7	199323	. Washer, Lock 5/16.....	4
8	40449	. Impeller Housing.....	1
9	2930	. Roto Flex Seal.....	1
10	2928	. Gasket.....	1
11	7110	. Stub Shaft.....	1
12	198432	. Screw, Soc. Set 1/4-28NF x 1/4.....	1
13	41886	. Adapter.....	1
14	Comm.	. Pipe Plug.....	1
15	4655	. Rotation Decal.....	1
16	7040	. Motor(Specify V, H.P. Cycle, Phase).....	1

VIEW B - B

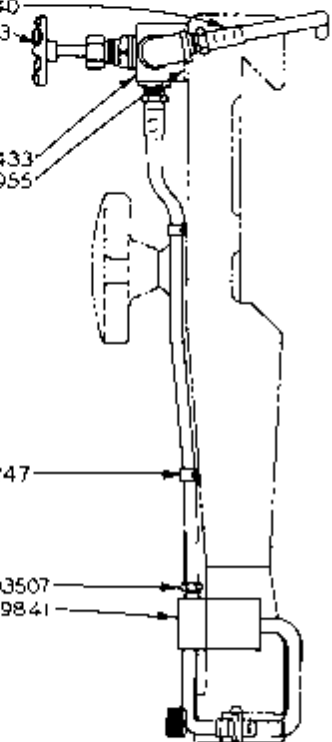


45977 COOLANT SPRAY ASS'Y.

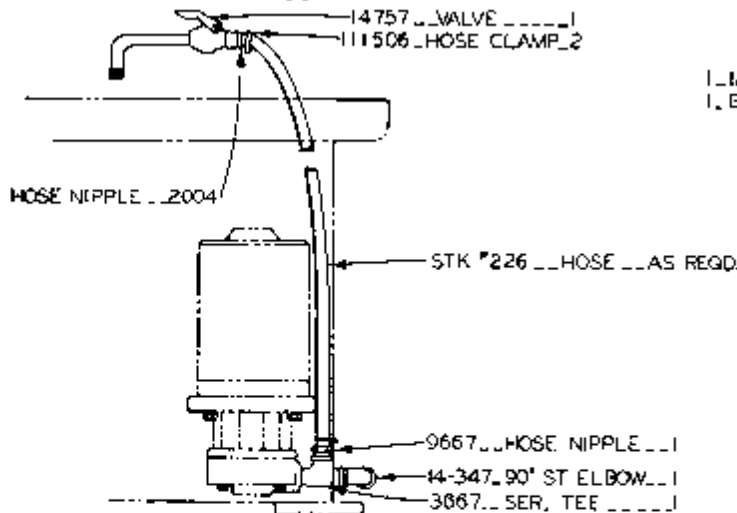


45983

RIGHT HAND COOLANT

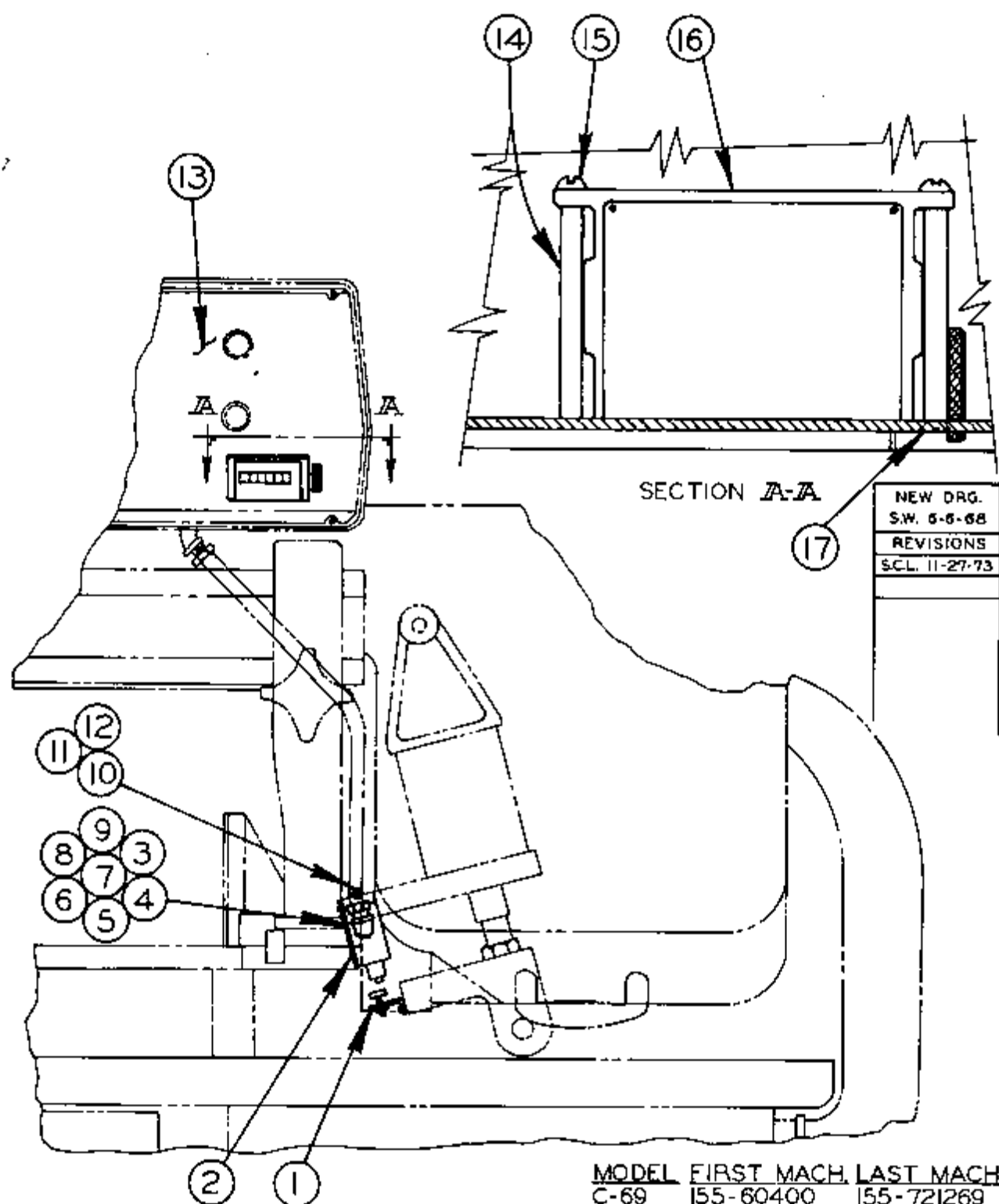


29580 WASH DOWN HOSE ASS'Y.



COOLANT ATTACHMENT ASS'Y.

FITS ALL MACHINES

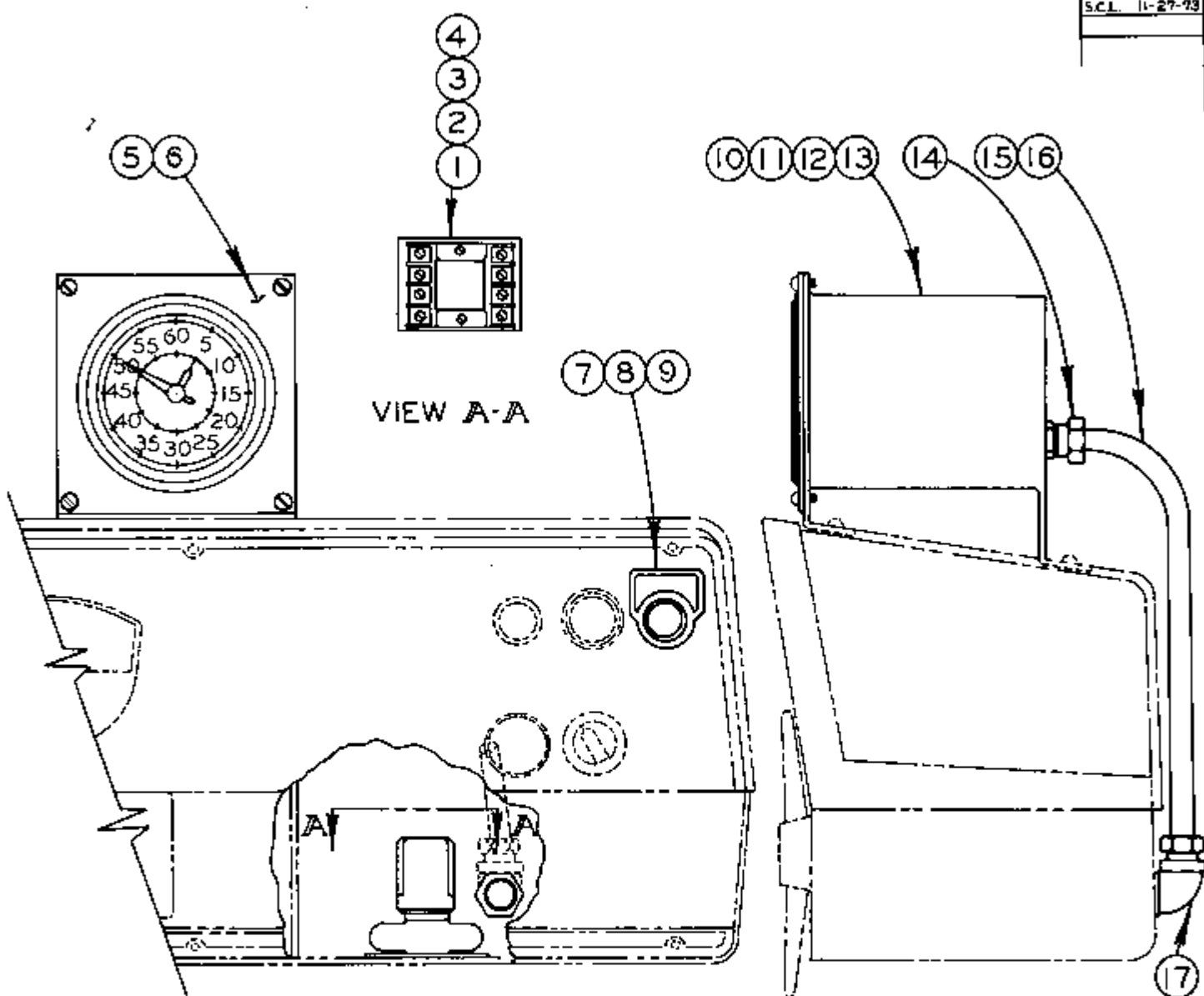


COUNTER ASSEMBLY

MODEL	FIRST MACH.	LAST MACH.
C-69	155-60400	155-721269
C-70	156-60600	156-732648
C-169	173-60300	173-72582
C-170	160-60300	160-72602
C-270	217-63101	217-70139

COUNTER ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	54877	Counter Assembly (C-69 & C-169)	
Ref.	48216	Counter Assembly (C-270)	
Ref.	45725	Counter Assembly (C-70 & C-170)	
1	10629	. Bracket	1
2	Comm.	. Screw, Rd. Hd. Drive, PK-U #2 x 1/8"	4
3	106074	. Limit Switch (C-69, C-70, C-169 & C-170)	1
4	25028	. Box Sub-Assembly	1
5	10621	. Cover	1
6	10924	. Gasket	1
7	Comm.	. Screw, Rd. Hd. Mach., #8-32NC x 1/2"	4
8	Comm.	. Screw, Rd. Hd. Mach., #10-24NC x 3/8"	2
9	Comm.	. Washer, Flat, #10 Brass	2
10	Comm.	. Screw, Pan Hd. Mach., 5/16-18NC x 1/2"	1
11	Comm.	. Nut, Hex., 5/16-18NC	1
12	Comm.	. Washer, Flat, 5/16" Brass	1
13	45352	. Escutcheon (C-69, C-70, C-169 & C-170)	1
	48216	. Escutcheon (C-270)	1
14	101655	. Spacer	1
15	Comm.	. Screw, Rd. Hd. Mach., #10-24NC x 3/8"	4
16	101745	. Durant Counter	1
17	Comm.	. Screw, Fl. Hd. Mach., #10-24NC x 3/8"	4



MODEL	FIRST MACH.	LAST MACH.
C-170	160-67569	180-72602
C-169	173-67572	173-72582
C-70	156-672050	156-732648
C-69	155-671061	155-721269

CUTTING RATE TIMER ASSEMBLY

CUTTING RATE TIMER ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	58519	Cutting Rate Timer Assembly	
1	116025	. Relay	1
2	106770	. Tube Socket	1
3	18667	. Insulator	1
4	Comm.	. Screw, Rd. Hd. Mach., #6-32NC x 1-1/8"	2
5	Comm.	. Screw, Truss Hd., #10-24NC x 3/8"	4
6	115974	. Timer	1
7	14959	. Pushbutton	1
8	104820	. Contact Block	1
9	115970	. Legend Plate	1
10	400023	. Box Weldment	1
11	Comm.	. Screw, Truss Hd., #10-24NC x 1/2"	4
12	Comm.	. Nut, Hex., #10-24NC	4
13	Comm.	. Washer, Lock, #10 Std.	4
14	14483	. Connector	1
15	Stk.#519	. Sealtite Conduit	1
16	Stk.#734	. Wire, Stranded, #14 Red.	1
17	14502	. Connector	1

WHEN ORDERING PULLEYS
SPECIFY SHAFT SIZE

SEE SPEED INFO

6068 V-BELT
35-7554 BELT P-40
9-04502 KEY
46300 PULLEY
46397 PULLEY

2195 BELT

30350 VARIABLE SPEED PULLEY
30456 PULLEY SUB ASSY (REPLACE AS A UNIT)
30236 PUL. SEAL
30275 PUL. PIN
11-555 2-CLER
35-3506 REDUCER
30254 SHAFT
30670 SEC. PWR. PLUG
35308 BELT
35366 BELT

NOTE
WHEN ORDERING MOTOR
SPECIFY VOLTAGE PHASE
CYCLE, HP AND MAKE
1/2 HP MOTOR 103350
3/4 HP MOTOR 103350
1 HP MOTOR 103350

3502 DOGWASHER... 2
3542 FLYWHEEL
35350 PULLEY
35350 PULLEY

*NOTE PARTS USED ON C-70 & 170A
*NOTE PARTS USED ON C-65 & 150A
*NOTE SPEC. AL FOR TO MODEL
POWER SAWS.

3073 50CY V-BELT C-70... 1
35340 50CY V-BELT C-65... 1
35344 50CY V-BELT C-65... 1
309 50 CY V-BELT C-70...

SPEED CHANGE
CYLINDER

30655 ARM... 2
30655 ARM... 1
1456 PIN
15-36 2-RET RING
4287 ROLLERS
30344 SHAFT
35-2852 KEY... 2
4294 PIN... 2

2-RET RING 35-7536
2-ANGLE PLATE 30620
35320 BRASS
30656 45° ZERN... 2
1 MOTOR BASE ASSY C-70 & 170A 46243
1 MOTOR BASE ASSY C-65 & 150A 45953

5-04313 SHIM... 4 max
46345 VARIABLE BASE ASSY... 1
46304 VARIABLE BASE ASSY... 1

30490 CYL ASSY...
304575 5" UO...

35400 PULLEY C-70
35400 PULLEY C-70

35400 PULLEY C-70
35400 PULLEY C-70

35400 PULLEY C-70
35400 PULLEY C-70

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35400 PULLEY C-70
35400 PULLEY C-70

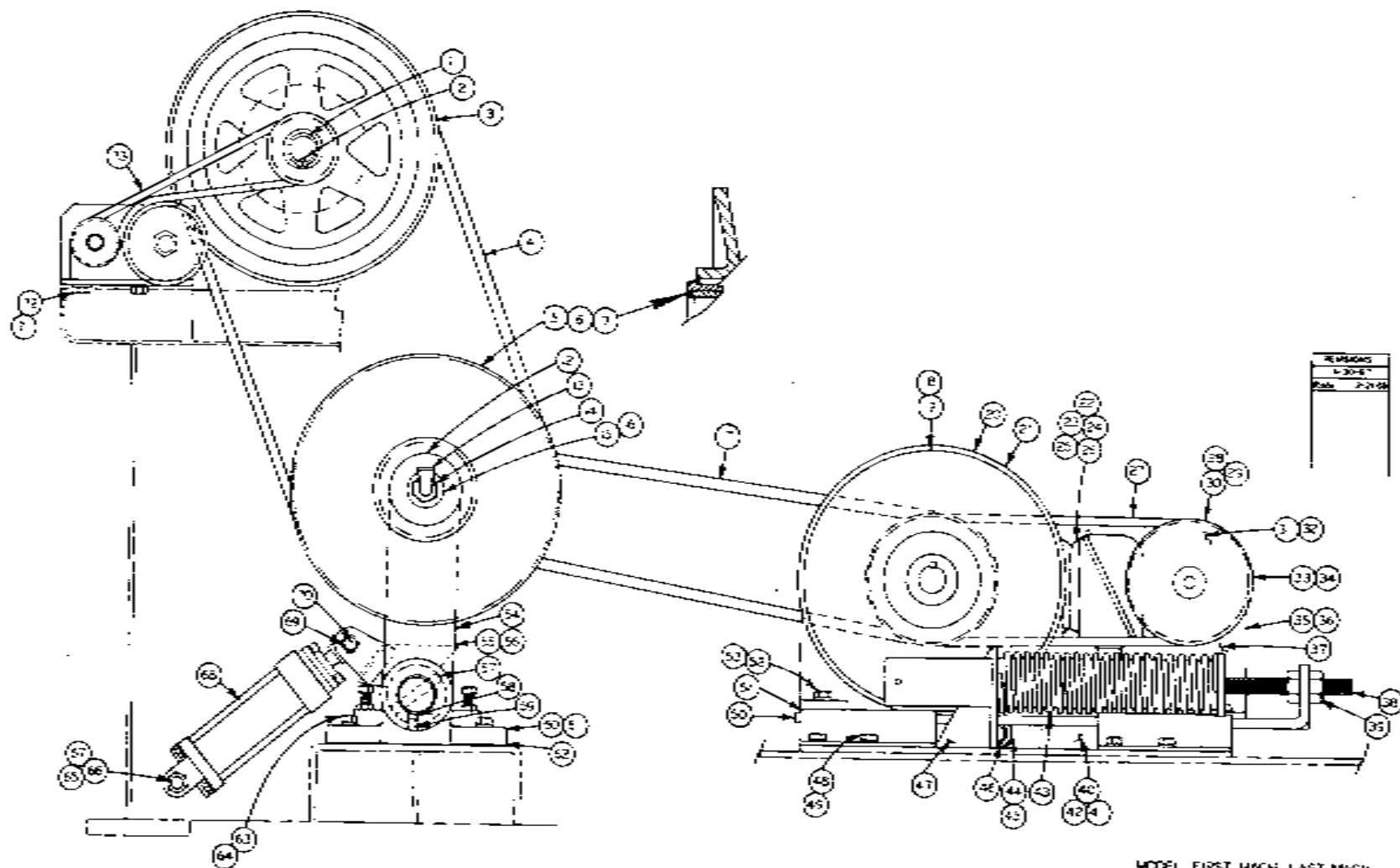
35400 PULLEY C-70
35400 PULLEY C-70

35400 PULLEY C-70
35400 PULLEY C-70

REV.	DATE	BY	CHKD.
1	10-1-70	SK	4-1-70

DRIVE ASSEMBLY

MODEL	FIRST MACH.	LAST MACH.
C-69	55-50400	156-6-627
C-69A	173-60300	173-6-505
C-70	156-60600	156-6-1879
C-70A	156-50300	160-6-1502
C-69TC	55-50400	156-6-1601
C-70TC	56-50300	156-6-1800



REVISIONS
1-30-67
Rev. 2-21-68

DRIVE ASSEMBLY

MODEL	FIRST MACH	LAST MACH
C-69	65-61529	65-67060
C-159	173-61506	173-67571
C-697C	156-6-502	66-67080
C-70	156-61880	156-672049
C-70C	160-6-503	60-67569
C-707C	156-6180	56-672049
C-270	217-5410	217-67030

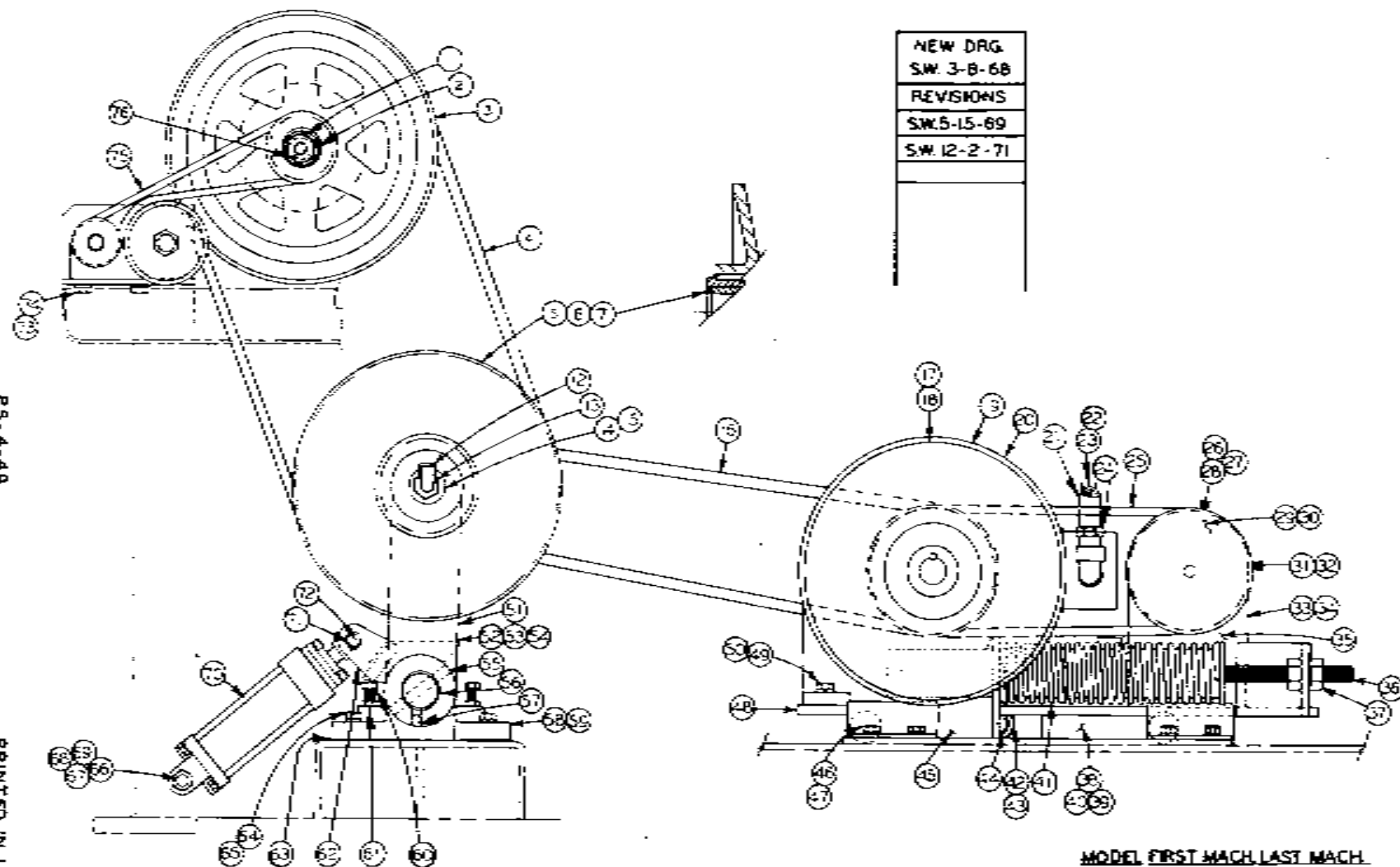
TITLE
DRIVE ASSEMBLY

CODE NO.

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	
	55194	Drive Line Ass'y. (C-69, C-169 & C-69TC)				1	32	4655	Decal (C-69, 169 & C-69TC only)				1
	55193	Drive Line Ass'y. (C-70, C-170 & C-70TC & C-270)				1	33	6113	Hyd. Pump (C-69, 169 & C-69TC)				1
1	35-7558	Retaining Ring				1	34	53420	L.H. Hyd. Pump (C-70, 170 & 70TC & C-270)				1
2	5-04602	Woodruff Key				1	35	46250	Pump Bracket (C-70, 170 & 70TC & C-270)				1
3	400086	Pulley				1	36	46138	Pump Bracket (C-69, 169 & 69TC)				1
4	46197	Pulley (for TC models only)				1	37	14-115109	Adaptor Union				7
5	12195	Belt (gates RVS-25)				1	38	30875	Adj. Rod				1
5	301507	Variable Speed Pulley Assembly				1	39	Comm	Jam Nut 5/8-11NC				2
6	30456	Pulley Sub-Assembly (Replace as a Unit)				1	40	30275	Angle Plate				1
7	128396	Oil Seal				2	41	103043	Plate				1
							42	30626	Angle Plate				2
							43	104029	Spring				1
							44	35-4089	Shim				As Req.
							45	101268	Ball Bearing				3
							46	35-6426	Retaining Ring				6
12	4273	Roll Pin				2	47	46594	Roller Guide Weldment				1
13	11-05512	Oiler				1	48	Comm	Hex Hd. Cap Scr. 5/16-18NC x 1"				6
14	35-3506	Reducer				1	49	Comm	Lockwasher 5/16 Std.				6
15	30254	Shaft				1	50	46248	Motor Base				1
16	5672	Soc. Pipe Plug				1	51	102527	Shim				As Req.
17	103049	Belt (RVS-59)				1	52	Comm	Hex. Hd. Cap Scr. 3/8-16NC x 1-1/4				12
	103851	Belt (RVS-53) (for TC models only)				1	53	Comm	Lockwasher 3/8 Std.				12
18	31653	Pulley & Flywheel (60 cycle)				1	54	46145	Variable Base Ass'y.				1
19	31717	Pulley & Flywheel (50 cycle)				1		46804	Variable Base Ass'y. (for 70TC & 69TC only)				1
20	46249	Motor & Base Ass'y. (C-70, C-170 & C-70TC & C-270)				1	55	30195	Arm				2
	45955	Motor & Base Ass'y. (C-69, C-169 & C-69TC)				1	56	30193	Arm				1
21	103501	Motor Shp (specify make, hp, phase, cycle & volts)				1	57	4287	Roll Pin				1
22	Stk #553	Wire Markers				As Req.	58	30194	Shaft				1
23	35-3509	Reducer Bushing				1	59	4294	Roll Pin				2
24	14507	Sealtite Connector				1	60	55323	Base				1
25	Stk #721	Stranded Wire				3	61	10656	45° Grease Fitting (not shown)				2
26	Stk #520	Conduit				1	62	5-04313	Shim				As Req.
27	106942	V-Belt (gates #2400 for C-70, C-170, C-70TC & C-270 - 60 cycle)				1	63	Comm	Flat Washer 3/8 SAE				4
	112657	V-Belt (gates #2420 for C-70, C-170, & C-270 - 50 cycle)				1	64	Comm	Hex Hd. Cap Scr. 3/8-16NC x 1-1/2				4
	35-340	V-Belt (gates #2340 for C-69 & 169 & 69 TC - 60 cycle)				1	65	104576	Stud				1
	3954	V-Belt (gates #2630 for C-69, 169 & 69TC)				1	66	Comm	Hex Jam Nut 1/2-13NC				2
28	3244	Pulley C-70, 170, 70TC & C-270)				1	67	Comm	Washer 1/2 Std.				As Req.
29	103492	Pulley C-69, 169 & 69TC				1	68	30190	Speed Change Cyl. (See Detail)				1
30	Comm.	Soc. Hd. Ser Scr. 1/4-20NC x 1/4				2	69	35-9613	Retaining Ring				2
31	5-11513	Str. Elbow (C-69, 169 & C-69TC only)				2	70	1456	Pin				1
							71	Comm	Hex Hd. Cap Scr. 3/8-16NC x 3/4				2
							72	Comm	Lockwasher 3/8 Std.				6
							73	103681	V-Belt Gates #1260				1

P 3-4-40

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DRIVE ASSEMBLY

MODEL FIRST MACH. LAST MACH.
C-69 155-671051 155-691488
C-169 173-67572 173-72582

DRIVE ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY	INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY
Ref.	58246	Drive Ass'y (C-69 & C-169)		*42	101268	Ball Bearing.....	3
1	10286	Nut, Hex. Jam 5/8-11NC L.H.	1	*43	35-4089	Shim.....	AR
2	Comm.	Washer 5/8 Std.....	1	*44	35-6426	Retaining Ring.....	6
3	401048	Pulley.....	1	45	115680	Roller Guide Weld't.....	1
4	12195	Belt (RVW #25).....	1	46	Comm.	Screw, Hex. Hd. Cap 5/16-18NC x 1".....	6
5	301507	Variable Speed Pulley Assembly	1	47	Comm.	Washer, Lock 5/16 Std.....	6
6	30456	Pulley Sub-Ass'y. (Replace As A Unit).....	1	*48	49822	Motor Base Weld't.....	1
7	128396	Oil Seal.....	2	*49	Comm.	Screw, Hex. Hd. Cap 3/8-16NC x 1".....	4
				*50	Comm.	Washer, Lock 3/8 Std.....	4
				51	46145	Variable Base Ass'y.....	1
				52	30195	Arm.....	2
				53	Comm.	Screw, Soc. Set 1/2-13NC x 1".....	2
12	11-05512	Oiler.....	1	54	Comm.	Nut, Hex. Jam 1/2-13NC.....	2
13	35-3506	Reducer Bushing.....	1	55	4294	Roll Pin.....	2
14	30254	Shaft.....	1	56	30194	Shaft.....	1
15	5672	Plug Soc. Pipe.....	1	57	4287	Roll Pin.....	1
16	17011	Belt (RV5 #44) (For 50 Cycle Only).....	USE	58	55323	Base.....	1
	103851	Belt (RV5 #53) (For 60 Cycle Only).....	ONE	59	10656	45° Grease Fitting.....	2
17	31653	Pulley & Flywheel Ass'y (For 60 Cycle Oper.).....	USE	60	Comm.	Screw, Hex. Hd. Cap 5/16-18NC x 1".....	2
18	31717	Pulley & Flywheel Ass'y (For 50 Cycle Oper.).....	ONE	61	Comm.	Nut, Hex. Jam 5/16-18NC.....	2
19	49887	Motor & Pump Sub-Ass'y.....	1	62	30193	Arm.....	1
*20	115689	Motor 5 H.P., Make, Phase, Cycle, & Volts).....	1	63	5-04313	Shim.....	AR
*21	Comm.	Conduit 1/2" Sealite.....	AR	64	Comm.	Washer, Flat 3/8" Std. SAE.....	4
*22	Comm.	Wire, Stranded #12 Black.....	AR	65	Comm.	Screw, Hex. Hd. Cap 3/8-16NC x 1-1/2".....	4
*23	Comm.	Wire Markers (Brady) (11-T2-T3).....	AR	66	104576	Stud.....	1
*24	14504	Sealite Connector.....	1	67	Comm.	Nut, Hex. Jam 1/2-13NC.....	2
25	2772	"V" Belt (For 50 Cycle Oper.).....	USE	68	Comm.	Washer, Flat 1/2" Std.....	AR
	3954	"V" Belt (Gates #2360) (For 60 Cycle Oper.).....	ONE	69	4615	Spacer.....	1
*26	6113	Hyd. Pump.....	1	70	30190	Speed Change Cyl. (See Detail)	1
*27	4655	Decal.....	1	71	35-9613	Retaining Ring.....	2
*28	5-11513	Street Elbow.....	1	72	1456	Pin.....	1
*29	103492	Pulley.....	1	73	Comm.	Screw, Hex. Hd. Cap 3/8-16NC x 1/4.....	2
*30	Comm.	Screw, Soc. Set #10-24NC x 1/2".....	1	74	Comm.	Washer, Lock 3/8 Std.....	6
*31	Comm.	Screw, Hex. Hd. Cap 1/2-13NC x 3/4.....	2	75	103681	V-Belt (Gates #1260).....	1
*32	Comm.	Washer, Lock 1/2 Std.....	2	76	5-04602	Key.....	1
*33	Comm.	Screw, Hex. Hd. Cap 5/16-18NC x 3/4.....	2				
*34	Comm.	Washer, Lock 5/16 Std.....	2				
*35	46138	Bracket.....	1				
36	35969	Tube Ass'y Weld't.....	1				
37	Comm.	Nut, Hex. Jam 5/8-11NC.....	2				
38	30275	Angle Plate.....	1				
39	103043	Plate.....	1				
40	30626	Angle Plate.....	2				
41	115684	Spring.....	1				

*NOTE: Starred items are part of Motor & Pump Ass'y. #49887.

NEW DRG.
S.W. 3-8-68

REVISIONS

S.W. 3-18-69

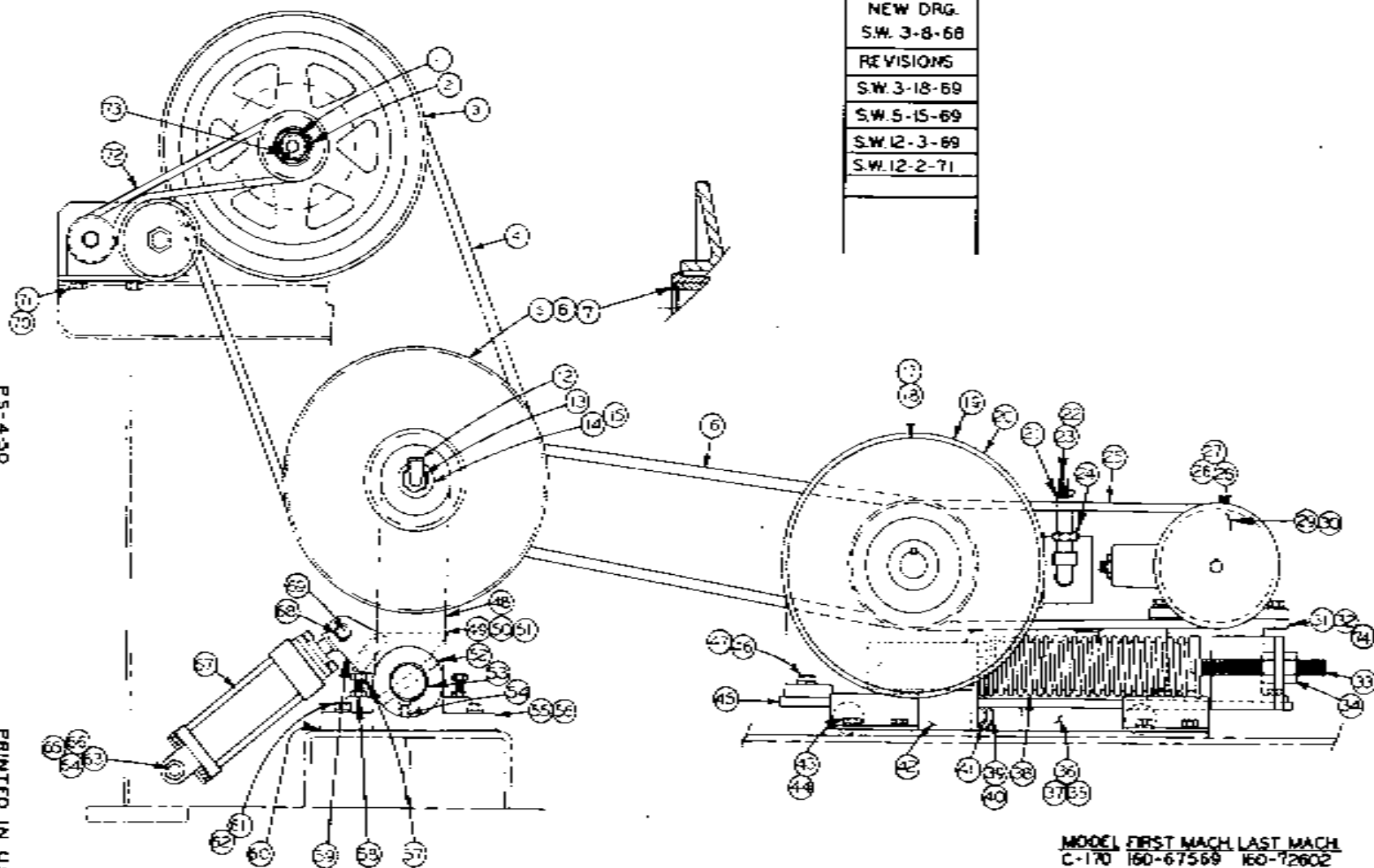
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S.W. 12-3-69

S.W. 12-2-71

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DRIVE ASSEMBLY

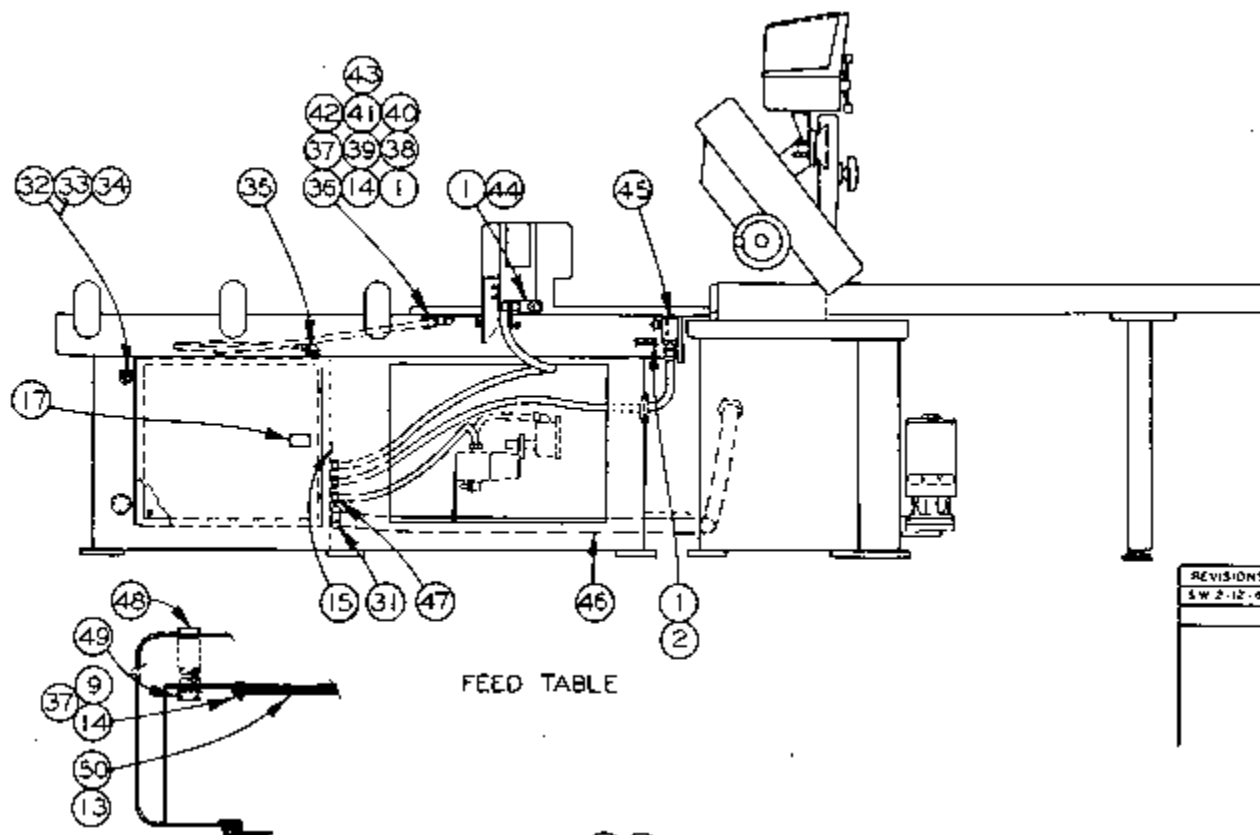
MODEL	FIRST MACH.	LAST MACH.
C-170	160-67569	160-72602
C-70	156-672050	156-732648
C-270	217-67131	217-70130
C-69	155-691189	155-72269

DRIVE ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY	INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY
Ref.	58249	Drive Ass'y (C-70, C-170 & C-270 & C-69)		33	35969	Tube Ass'y Weld't.	1
1	10286	Nut, Hex. Jam 5/8-11NC L.H.	1	34	Comm.	Nut, Hex. Jam 5/8-11NC	2
2	Comm.	Washer 5/8 Std.	1	35	30275	Angle Plate	1
**3	401048	Pulley	1	36	103043	Plate	1
4	12195	Belt (RVS #25)	1	37	30626	Angle Plate	2
5	301507	Variable Speed Pulley Assembly	1	38	115684	Spring	1
6	30456	Pulley Sub-Ass'y. (Replace As A Unit)	1	*39	101268	Ball Bearing	3
7	128396	Oil Seal	2	*40	35-4089	Shim	AR
				*41	35-6426	Retaining Ring	6
				42	115680	Roller Guide Weld't	1
				43	Comm.	Screw, Hex. Hd. Cap 5/16-18NC x 1	6
				44	Comm.	Washer, Lock 5/16 Std	6
				*45	49822	Motor Base Weld't	1
				*46	Comm.	Screw, Hex. Hd. Cap 3/8-16 NC x 1-1/4	12
12	11-05512	Oiler	1	*47	Comm.	Washer, Lock 3/8 Std	12
13	35-3506	Reducer Bushing	1	48	46145	Variable Base Ass'y	1
14	30254	Shaft	1	49	30195	Arm	2
15	5672	Plug Soc. Pipe	1	50	Comm.	Screw, Soc. Set 1/2-13NC x 1	2
16	17011	Belt (RVS #44) (For 50 Cycle Only)	USE	51	Comm.	Nut, Hex. Jam 1/2-13NC	2
	103851	Belt (RVS #53) (For 60 Cycle Only)	ONE	52	4294	Roll Pin	2
17	31653	Pulley & Flywheel Ass'y (For 60 Cycle Oper.)	USE	53	30194	Shaft	1
18	31717	Pulley & Flywheel Ass'y (For 50 Cycle Oper.)	ONE	54	4287	Roll Pin	1
19	49893	Motor & Pump Sub-Ass'y	1	55	55323	Base	1
*20	115689	Motor 5 H.P. (Specify H.P. Make, Phase, Cycle & Volts)	1	56	10656	45° Grease Fitting	2
*21	Comm.	Conduit 1/2" Sealite	A.R.	57	Comm.	Screw, Hex. Hd. Cap 5/16-18NC x 1	2
*22	Comm.	Wire, Stranded #12 Black	A.R.	58	Comm.	Nut, Hex. Jam 5/16-18NC	2
*23	Comm.	Wire Markers (Brody T1, T2, T3)	A.R.	59	30193	Arm	1
*24	14504	Sealtite Connector	1	60	5-04313	Shim	A.R.
25	115726	"V" Belt (Gates #2440) (For 50 Cycle Oper.)	USE	61	Comm.	Washer, Flat 3/8 Std SAE	4
	116481	"V" Belt (Gates #4L430) (For 60 Cycle Oper.)	ONE	62	Comm.	Screw, Hex. Hd. Cap 3/8-16NC x 1-1/2	4
*26	113258	Hyd. Pump (Used on C-70 & C-170 & C-69)	USE	63	104576	Stud	1
*27	110723	Hyd. Pump (Used only on C-270)	ONE	64	Comm.	Nut, Hex. Jam 1/2-13NC	2
*28	18753	Adaptor Union	2	65	Comm.	Washer, Flat 1/2 Std	A.R.
*29	3244	Pulley	1	66	4615	Spacer	1
*30	Comm.	Screw, Soc. Hd. Set 1/4-20NC x 1/4 Cone Pt.	2	67	30190	Speed Change Cyl. (See Detail)	1
*31	Comm.	Washer, Plain 3/8 SAE	4	68	35-9613	Retaining Ring	2
*32	39331	Adjustable Mtg. Plate	1	69	1456	Pin	1
				70	Comm.	Screw, Hex. Hd. Cap 3/8-16NC x 1/4	2
				71	Comm.	Washer, Lock 3/8 Std	6
				72	103681	V-Belt (Gates #1260)	1
				**73	5-04602	Key	1
				*74	402175	Manifold	1

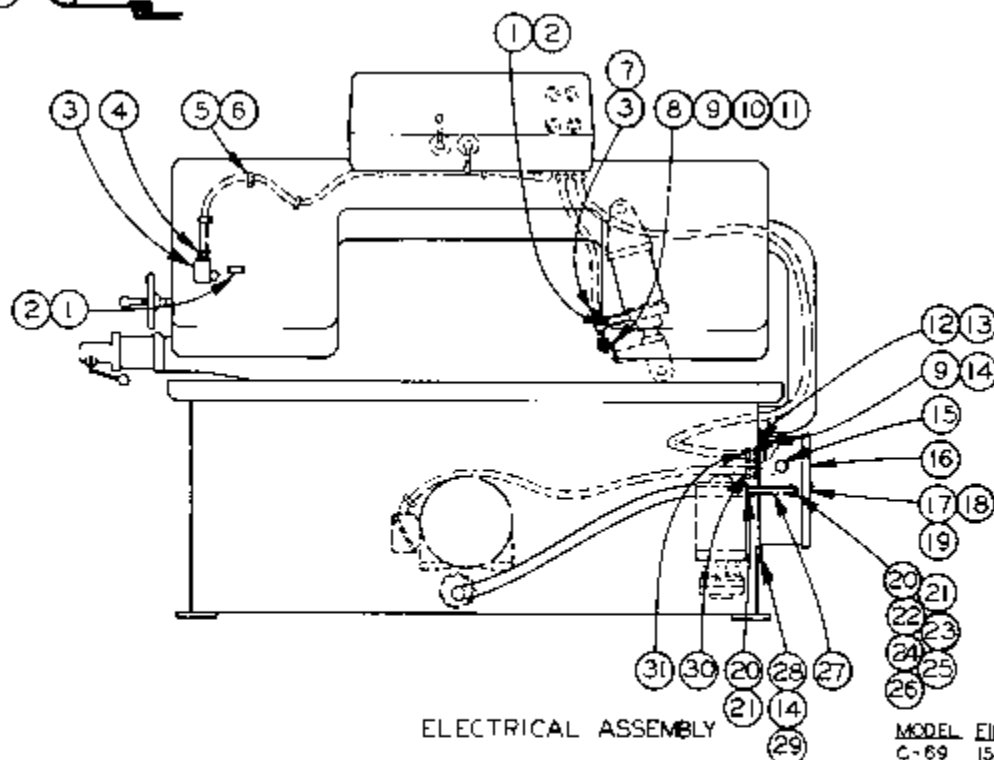
**Note: Double starred items #401048 was 400086 and #5-04602 was 7-01345, before #156-692305 on C-70, #160-69581 on C-170 and before #217-69134 on C-270 and before #155-691160 on C-69.

*Note: Starred items are all Parts of Motor & Pump assy #49893



FEED TABLE

REVISIONS	
1	2-12-68

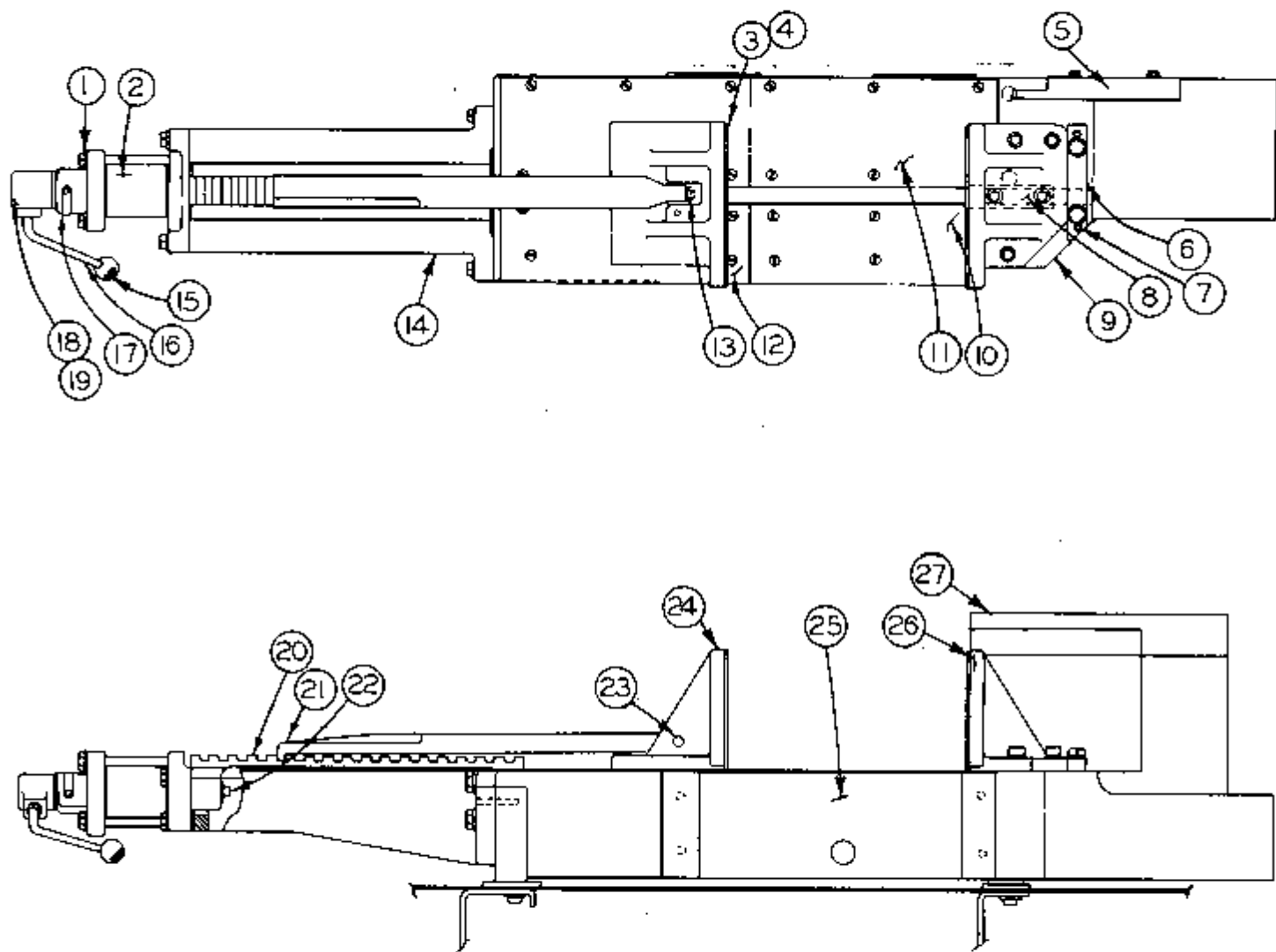


ELECTRICAL ASSEMBLY

MODEL	FIRST MACH.	LAST MACH.
C-69	155-60400	155-671060
C-169A	173-60300	173-67571
C-70	156-60800	156-672049
C-170A	160-60300	160-67568

ELECTRICAL ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
		1 2 3 4 5 6 7	
Ref.	47318	Electrical Assembly for C-69	1
Ref.	47569	Electrical Assembly for C-169A	1
Ref.	47312	Electrical Assembly for C-70	1
Ref.	47523	Electrical Assembly for C-170A	1
		Basic Machine	
1	9135	Escutcheon	AR
2	Comm.	Screw, Drive PK-U #2 x 1/8	AR
3	35-9488	Limit Switch	2
4	14483	Sealtite Conn.	1
5	12250	Conduit Clamp	3
6	Comm.	Screw, Rd. Hd. Mach. 1/4-20NC x 1/3"	3
7	14504	Sealtite Conn.	1
8	Comm.	Screw, Hex Hd. Mach. 1/4-20NC x 1-1/2"	1
9	Comm.	Nut, Jam 1/4-20NC	AR
10	Comm.	Screw, Rd. Hd. Mach. #10-24NC x 3/8"	2
11	111884	Bracket	1
12	47542	Elect. Panel Assembly for C-69 & C-169A	1
	32691	Elect. Panel Assembly for C-70 & C-170A	1
13	107637	Cable Ties	AR
14	Comm.	Washer, Lock Ext. Tooth (Manual)	8
	Comm.	Washer, Shakeproof 1/4 (Auto.)	14
15	3117	Plug Button (Manual)	1
	107274-A	Hole Seal (Auto)	2
16	47564	Elec. Box Assembly (Manual)	1
	32690	Elec. Box Assembly (Auto)	1
17	16158	Escutcheon	AR
18	35-6966	O-Ring	1
19	Comm.	Screw, Rd. Hd. Mach. 1/4-20NC x 3/4"	1
20	19543	Bond Nut	AR
21	11112	Conduit & Conn. Seal Assembly	2
22	5393	Insulator Bushing for C-69, C-70, & C-170A	1
	14703	90° Conn. for C-169A	1
23	Stk. #731	Wire Stranded	AR
24	Stk. #554	Wire Markers	AR
25	Stk. #533	Wire Markers	AR
26	32336	Bracket Assembly (Manual)	1
	Comm.	Screw, Hex Hd. Cap 1/4-20NC x 5/8" (Manual)	4
27	28629	Coolant Motor Conduit for C-69, C-70, C-170A	1
	32796	Coolant Motor Conduit (Manual)	1
28	Comm.	Screw, Hex Hd. Cap 1/4-20NC x 1/2 for C-69, C-70, & C-170A	4
	Comm.	Screw, Hex Hd. Cap 5/16-18NC x 1/2" (Manual)	4
29	Comm.	Washer, Lock Ext. Tooth 5/16 (Manual)	4
30	8437	Sealtite Conn.	1
31	8978	Sealtite Conn.	1
	8499	Sealtite Conn. (Not Shown) for C-70	2
		Index Table for C-70 & C-170A	
32	15150	Selector Switch	1
33	108795	Contact Block C-70	1
	15045	Contact Block C-170A	1
34	10386	Legend Plate	1
35	10585	Sealtite Conn.	AR
36	31100	Limit Switch Sub-Assembly C-70 (LS5)	1
	101812	Limit Switch C-170A (LS-5)	1
37	Comm.	Screw, Rd. Hd. Mach. 1/4-20NC x 1-1/4"	7
38	14703	90° Conn. C-170A	1
39	11112	Conn. Seal Assembly C-170A	1
40	11680	Conduit C-170A	1
41	11879	Female Str. Conn. C-170A	1
42	Stk. #731	Wire Red C-170A	2
43	Stk. #519	Sealtite Conduit C-170A	1
44	104492	Limit Switch Sub-Assembly (LS6)	1
45	104490	Limit Switch Sub-Assembly (LS4)	1
46	108153	Conduit Assembly C-70	1
	114910	Cable Assembly C-170A	1
47	10583	Sealtite Conn.	1
48	108748	Plastic Plug	1
49	15751	Insulator Bushing	1
50	47315	Elec. Control Panel Assembly	1

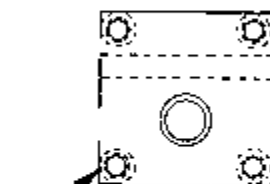
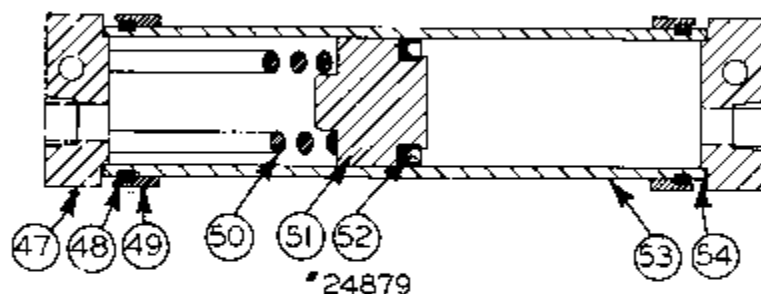
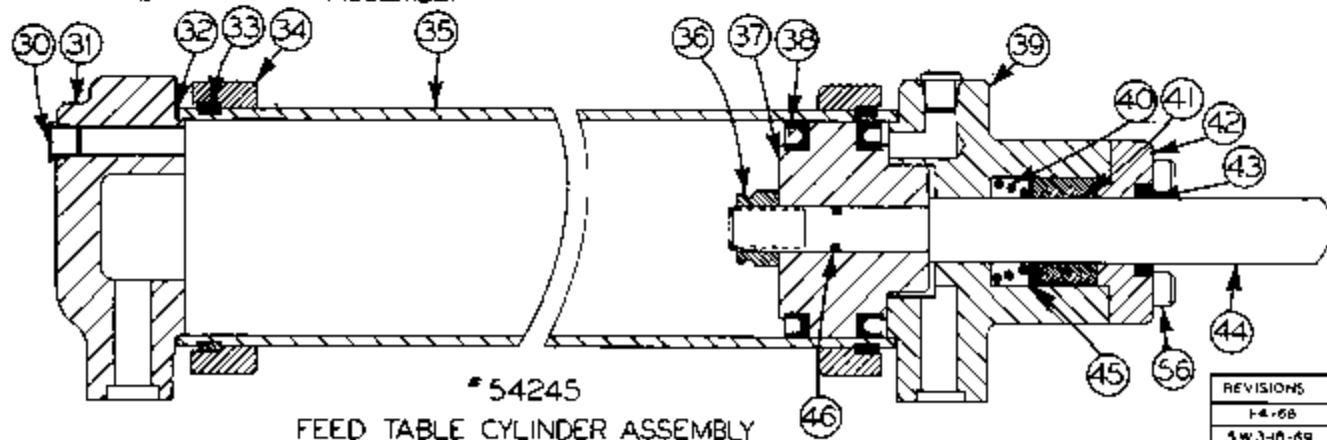
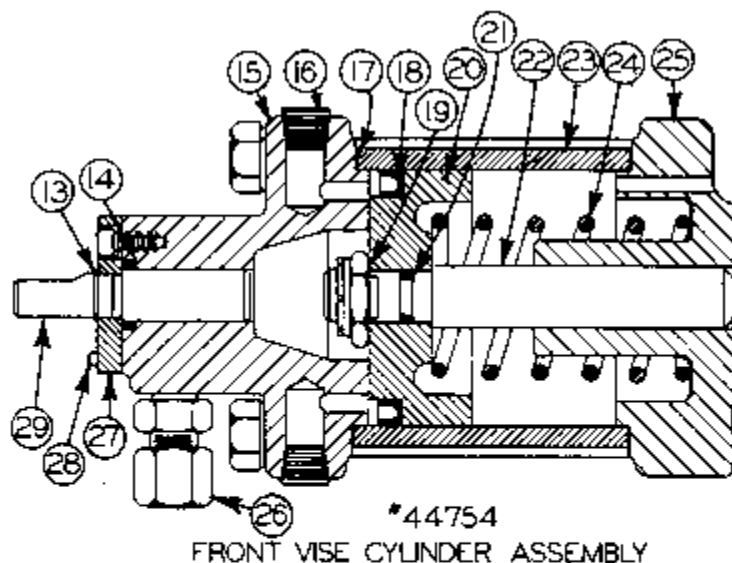
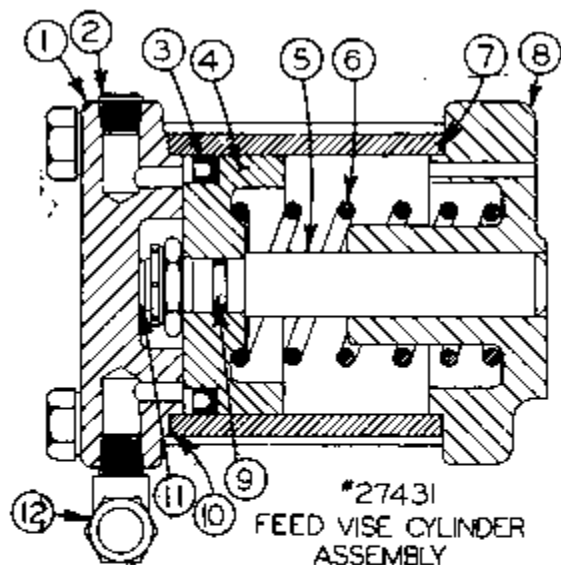


FRONT VISE BASE ASSEMBLY

MODEL	FIRST MACH.	LAST MACH.
C-69	155-60400	155-721269
C-70	156-60600	156-732648
C-270	217-64101	217-70139

FRONT VISE BASE ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref	56104	Front Vise Base Assembly (C-69, C-70 & C-270).	
Ref	54335	Front Vise Base Assembly (was used before ser. no. 155-63799 on the C-69 & ser. no. 156-631199 on the C-70)	
1	100473	. Plate	1
2	44754	. Front Vise Cylinder Assembly (see detail) . .	1
3	103480	. Wear Strip	2
4	15035	. Fl. Hd. Mach. Screw	36
5	27217	. Guard	USE
	36028	. Guard (for 18" work capacity)	ONE
6	30449	. Stop Block	1
7	35-445	. Dowel Pin	2
8	103479	. Key	1
9	30451	. Jaw Spacer 3/4 x 4 x 7-1/2 (not shown). . . .	1
10	28646	. Wear Strip	1
11	28645	. Wear Strip	2
12	28802	. Wear Strip	1
13	17012	. Key	1
14	54063	. Base Extension	1
15	34-13508	. Ball	1
16	25291	. Handle	1
17	10716	. Escutcheon	1
18	5-01426	. Pin	1
19	25290	. Knob	1
20	27475	. Rack	1
21	26423	. Pawl	1
22	18472	. Shoulder Screw	1
23	14841	. Pin	1
24	46457	. Movable Jaw (before ser. no. 156-61817 on the C-70 movable jaw was #45006).	1
25	56097	. Vise Base (used after ser. #155-63800 on C-69 & #156-631200 on C-70).	1
26	55230	. Vise Base (see note on #54335 vise table line ass'y).	1
26	46131	. Fixed Jaw	1
27	105788	. Chip Guard	1



REVISIONS	
1-4-68	
5W 3-10-69	
5W 3-11-72	
SCL 12-4-73	
SCL 5-22-74	

CYLINDER ASSEMBLIES

MODEL	FIRST MACH.	LAST MACH.
C-12	114-60609	114-701386
C-67	155-59101	155-61301
C-68	156-59101	156-61418
C-167	173-60101	173-60201
C-168	160-60101	160-60200
C-69	155-60400	155-721269
C-70	156-60600	156-732648
C-169	173-60300	173-72582
C-170	160-60300	160-72602
C-270	217-64101	217-70139
C-9A	261-68101	261-72149
C-9AW	297-70101	

TABLE CYLINDER ASSEMBLIES

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	27431	Rear Vise Cylinder Assembly (see table assembly) C-68, C-168, C-170 and C-70.....	1
1	26030	Cylinder Block.....	1
2	35-7957	Sec. Pipe Plug.....	1
3	13397	"U"-Cup.....	1
4	101776	Piston.....	1
5	101777	Piston Rod.....	1
6	101520	Spring.....	1
7	13256	Cylinder Tube.....	1
8	45709	Cap.....	1
9	4122	"O"-Ring.....	1
10	10778	Gasket.....	2
11	13257	Lock Nut.....	1
12	107108	90° Comp. Elbow.....	1
Ref.	44754	Front Vise Cylinder Assembly (see table) C-12, C-67, C-68, C-69, C-70, C-167, C-168, C-169, C-170 & C-270.....	1
13	35-9613	Retainer Ring.....	1
14	35-8541	"O" Ring.....	1
15	43037	Valve Housing.....	1
16	35-7957	Sec. Pipe Plug.....	2
17	10778	Gasket.....	2
18	13397	"U" - Cup.....	1
19	13257	Lock-Nut.....	1
20	101776	Piston.....	1
21	4122	"O" Ring.....	1
22	101777	Piston Rod.....	1
23	13256	Cylinder Tube.....	1
24	101520	Spring.....	1
25	45591	Cap.....	1
26	1401	Male Coupling.....	1
27	10701	Plate.....	1
28	4254	Roll Pin.....	1
29	24814	Spool.....	1
Ref.	54245	Index Table Cylinder (see index table detail) C-68, C-168, C-70, C-170, C-9A & C-9AV.....	1
30	14-115158	Skt. Hd. Pipe Plug.....	2
31	45360	Rear End Cap.....	1
32	10567	Gasket.....	2
33	10566	Snap Ring.....	4
34	10565	Collar.....	2
35	25672	Cylinder.....	1
36	12705	Self-Locking Nut.....	1
37	12703	Piston.....	1
38	12704	"U" - Cup.....	2
39	45359	Head End.....	1
*40	18851	Spring.....	1
	108919	Shim.....	AR
*41	109875	Fab. Chevron Packing Ring.....	1
	109876	Homo. Chevron Packing Ring.....	2
*42	109804	End Cap.....	1
*43	7070	Scraper Ring.....	1
44	24721	Piston Rod.....	1
*45	103126	Adapter Ring.....	1
46	35-9176	"O"-Ring.....	1
*Note: To replace items 40, 41, 42, 43, 45 replace as a unit.			
Ref.	24879	Accumulator Sub-Assembly (see hyd. detail) C-68, C-168, C-70 and C-170.....	1
47	10854	Cap.....	2
48	35-466	Snap Ring.....	4
49	35-465	Cylinder Collar.....	2
50	2491	Spring.....	1
51	13561	Piston Assembly.....	1
52	12743	"U" - Cup.....	1
53	13562	Cylinder.....	1
54	35-463	Gasket.....	2
55	3559	Washer, Lock Hi-Collar.....	8
56	Comm.	Screw, Hex.Hd.Cap T/4-20NC x 1.....	4

FULL CYCLE ATTACHMENT

CODE NO.

INDEX PART NO.
NO.

1 2 3 4

DESCRIPTION

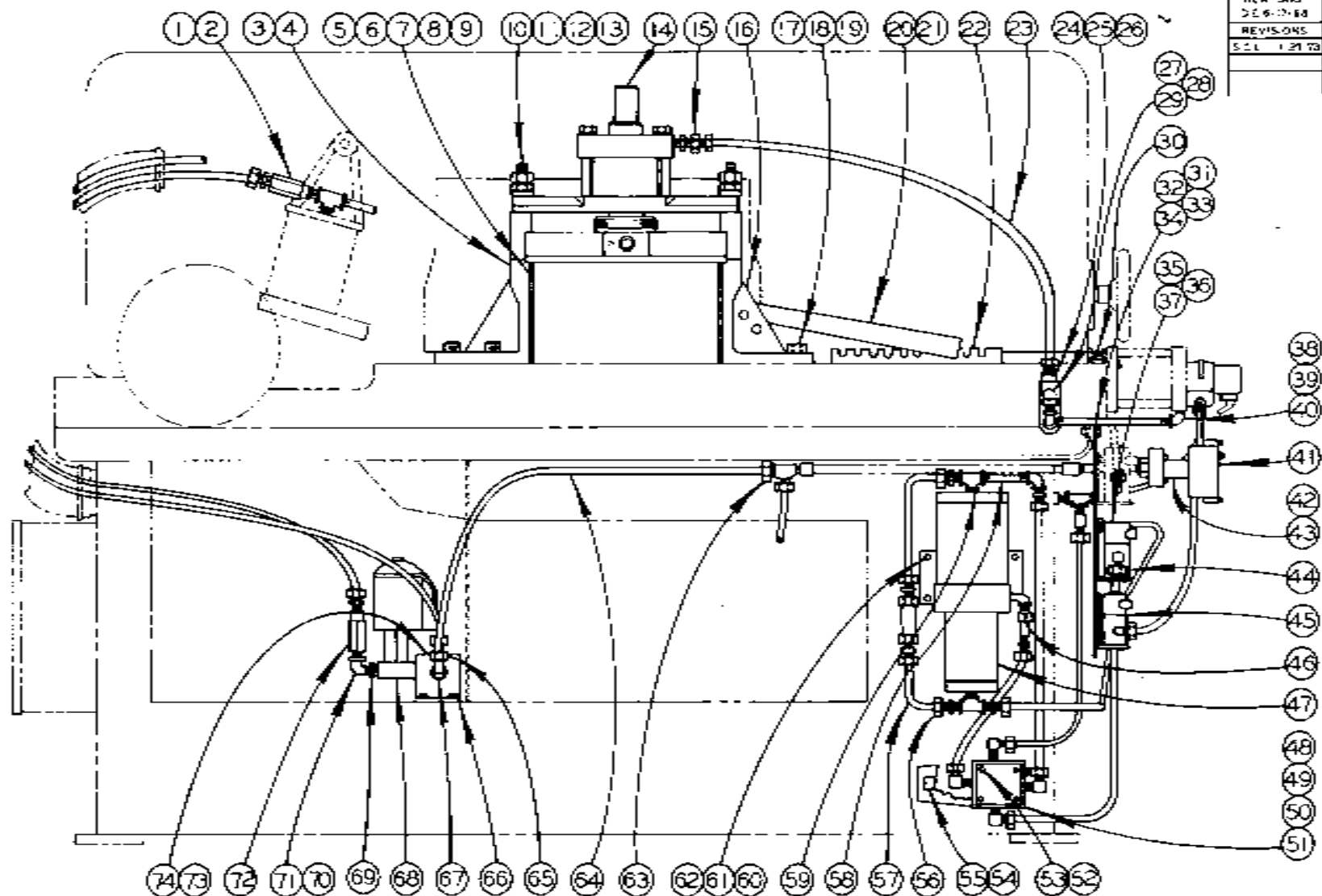
UNITS PER
ASS'Y.

Ref.	52875	Full Cycle Ass'y.		
1	26275	. Bracket Ass'y		1
2	Comm	. Washer, Lock 1/4 std.		2
3	Comm	. Screw, Hex Hd. Mach. 1/4-20NCX 1/2 "		2
4	35-847	. Service Tee.		2
5	5-11517	. Bushing		2
6	35-2474	. Pipe Tee		1
7	14-03507	. Nipple		3
8	1401	. Male Connector		7
9	13912	. Two-Way Valve		1
10	102245	. Check Valve.		1
11	17-13551	. 90° Street Ell		3
12	107108	. 90° Male Elbow		1
13	Comm	. Screw, Hex Hd. Mach, 5/16-18NC x 3/4"		2
14	Comm	. Washer, Lock 5/16 std.		4
15	Comm	. Nut, Hex 5/16-18NC		4
16	13560	. Sol. Valve.		1
17	1516	. Bracket		1
18	Comm	. Screw, Hex Mach. 5/16-18NC x 1"		2
19	Comm	. Washer, Plain 5/16 std		2
20	113584	. 45° Male Elbow.		1
21	Stk #211	. Tubing, Nylon 3/8 od.		A.R.
22	113596	. Female Connector		1
Ref.	54915	. Work Height Selector Ass'y. (See Detail)		

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REVISIONS
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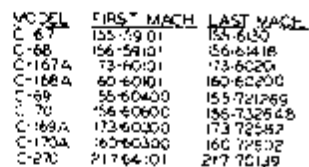
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FULL CYCLE NESTING VISE AND
HIGH CLAMP FORCE BOOSTER ATTACHMENT

MODE - FIRST MACH LAST MACH
C-59 155-671061 55-72.269

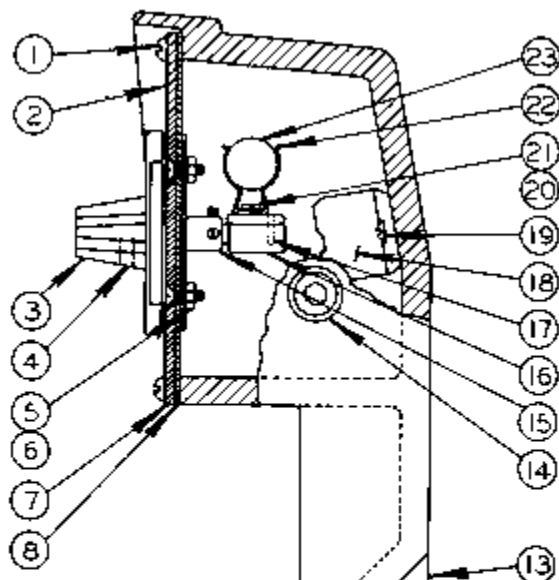
INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	55494	Full Cycle, Nesting Vise and Pressure Booster Attachment	
1	5578	Reducer Bushing Fluid Control	1
2	8138	Male Connector	1
3	22953	Spacer	2
4	Comm	Sec HD Cap Scr. 1/2-13NC x 3 1/4	4
5	Comm	Sec HD Cap Scr. 1/2-13NC x 1 1/2	5
6	46178	Fixed Jaw	1
7	103571	Wear Strip	1
8	15035	Relieved Flr HD Mach Scr.	6
9	103479	Key	1
10	Comm.	Hex Nut 3/4-10NC	2
11	Comm.	Jam Nut 3/4-10NC	2
12	Comm.	Washer 3/4 Std.	2
13	7054	Stud	2
14	54940	Nesting Vise Sub Assy (See Detail)	1
15	12093	Adapter Union	1
16	27592	Movable Jaw Sub Assy	1
17	Comm.	Hex HD Cap Scr 1/2-13NC x 1 3/4	2
18	Comm.	Lockwasher 1/2 Std.	2
19	17012	Key	1
20	27586	Pawl Sub-Assembly (21-17/32)	1
21	27590	Pawl Sub-Assembly (13-17/32)	1
22	27594	Rack	1
23	5260	Hose	1
24	8309	Reducer Elbow	1
25	35-1127	Close Nipple	1
26	18221	Hose Disconnect	1
27	12400	Sheet Hanger	1
28	Comm	Hex HD Cap Scr 1/4-20NC x 3/8	6
29	Comm	Lockwasher 1/4 Std	14
30	Comm	Hex HD Mach. Scr. 5/16-18NC x 1 3/4	1
31	Comm	Hex HD Mach Scr. 5/16-18NC x 1	2
32	Comm	Hex Nut 5/16 x 18NC Std.	7
33	Comm	Lockwasher 5/16 Std.	6
34	31850	Plate	1
35	32072	Bracket	2
36	101096	Solenoid Valve	2
37	Comm	RO HD Mach Scr 10-32NF x 1/2	4
38	35-3175	Pipe Nipple	1
39	35-491	Pipe Nipple	1
40	35-519	90° Elbow	2
41	13319	Pressure Switch	1
42	5-04612	Pipe Plug	1
43	9545	Pipe Cross	1
44	15858	90° Elbow	4
45	9935	Male Connector	2
46	11008	Restrictor Valve	1
47	45993	High Clamp Force Cyl. (See Detail)	1
48	31851	Manifold	1
49	55198	4-Way Valve	1
50	104042	Pod	1
51	1506	"O" Ring	5
52	Comm	Sec HD Cap Scr 1/4-20NC x 4	4
53	3659	Lockwasher	4
54	11282	Escutcheon	1
55	Comm	Drive Scr #2 x 3/16 L.G. Pls Type U	4
56	35-3521	Male Connector	12
57	Stk #203	Steel Tube 3/8 OD	A.R.
58	35-2344	Pipe Nipple	2
59	35-2474	Pipe Tee	4
60	102445	Pod	1
61	Comm.	Hex HD Cap Scr 3/16-16NC x 1 1/4	4
62	Comm	Lockwasher 3/8 Std.	4
63	11202	Male Run Tee	1
64	Stk #211	Nylon Tube-3/8 OD	A.R.
65	35-3522	90° Male Elbow	10
66	26275	Bracket Assembly	1
67	35-847	Service Tee	1
68	13912	Two-Way Valve	1
69	5-11517	Reducer Bushing	3
70	14-03507	Nipple	6
71	17-13521	90° St. Elbow	4
72	102245	Check Valve	2
73	Comm	Hex HD Mach Scr 1/4-20NC x 1/2	6
74	Comm	Lockwasher 1/4 Std	2
	107613	Cable Ties (Not Shown)	1



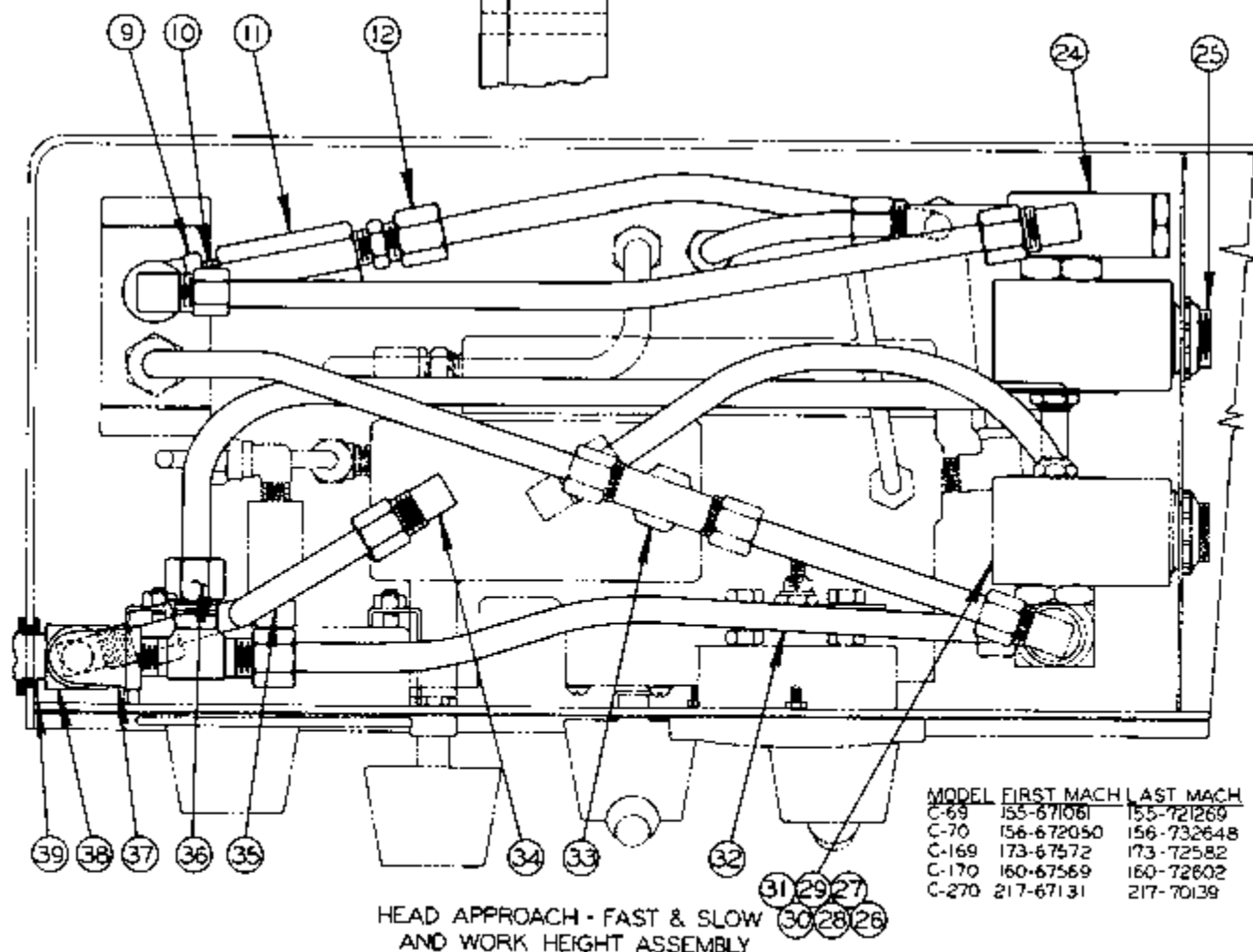
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HEAD APPROACH - FAST & SLOW

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref. 2	54931	Head Approach - Fast & Slow	
1	Stk.#211	. Nylon Tubing, 3/8 O.D..	A.R.
2	36920	. Escutcheon (C-270).	1
3	5226	. Nipple.	1
4	18226	. 90° Female Elbow.	2
5	122120	. Solenoid Valve.	1
6	11112	. Connector Seal Assembly	1
7	19543	. Bond Nut.	1
8	10382	. Bushing	1
9	10923	. Nipple.	1
10	Comm.	. Screw, Soc. Hd. Set, #6-32NC x 1/8" .	1
11	Comm.	. Screw, Fl. Hd. Mach., #6-32NC x 3/8".	4
12	Comm.	. Nut, Hex., #6-32NC Std.	4
13	7623	. Gear.	1
14	Comm.	. Screw, Soc. Hd. Set, 1/4-20NC x 3/8" .	1
15	104233	. Knob.	1
16	30953	. Escutcheon.	1
17	4202	. Roll Pin.	1
18	100817	. Adaptor	1
19	4211	. Roll Pin.	1
20	Comm.	. Screw, Pan Hd. Mach., #10-24NC x 1/2" .	1
21	Comm.	. Washer, Shakeproof, #10 Std.	1
22	100818	. Plate	1
23	7459	. Clip Micro IMR 2-B.	2
24	7460	. Mercury Switch #AS454A 34 Micro	1
25	Comm.	. Screw, Fl. Hd. Mach., #10-24NC x 1/4" .	1
26	35-519	. 90° Elbow	1
27	10623	. Grommet	1
28	8046	. Needle Valve Fluid Controls Inc.#45000-2	1
29	35-3522	. 90° Elbow	2
30	11202	. Male Run Tee.	1
31	103216	. Tube, 3/8 O.D..	1



NEW ORG.
SW 3-4-66
REVISIONS
SW 12-30-66
SCL 11-27-73



WORK HEIGHT AND SLOW APPROACH ATTACHMENTS

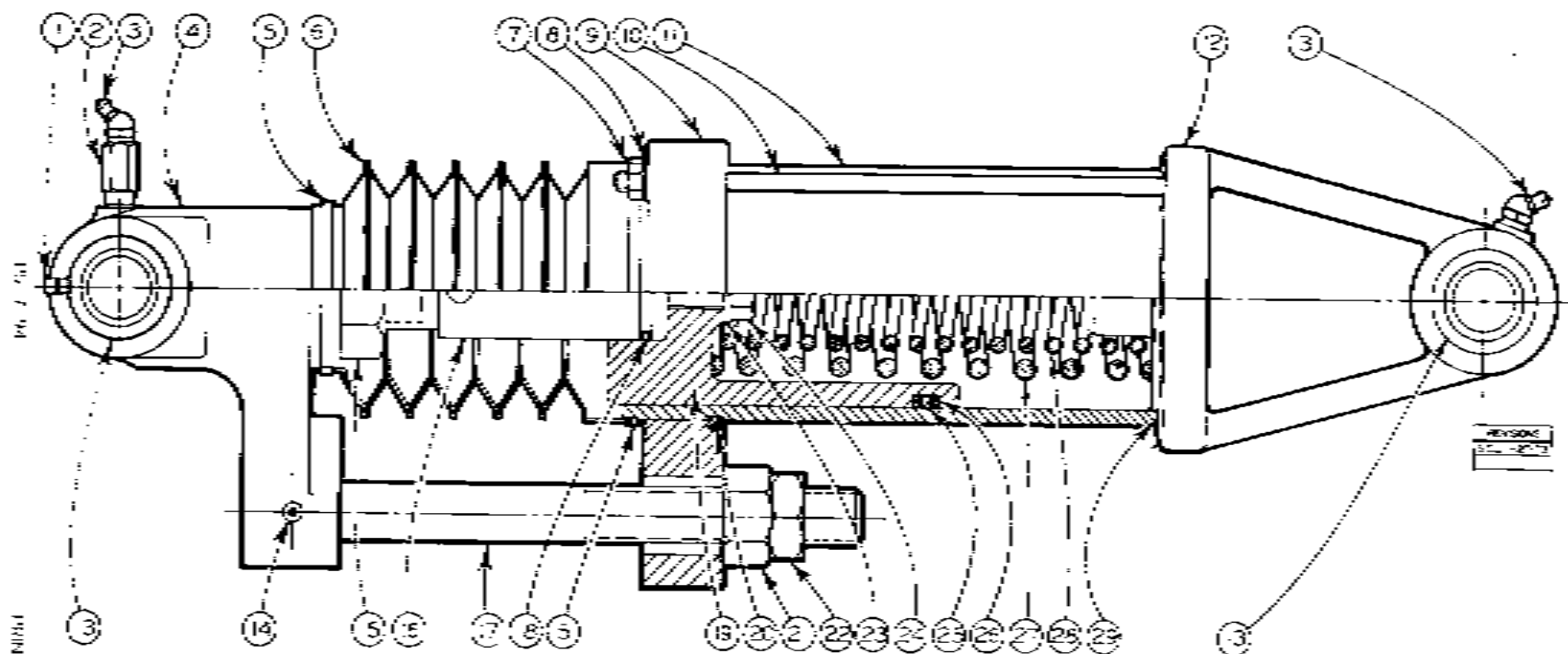
INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	400684	Work Height Sub-Ass'y (C-169, C-170, C-270).	
Ref.	49151	Work Height Sub-Ass'y (C-69 & C-70).	
Ref.	400685	Slow Approach Sub-Ass'y (C-169, C-170, C-270).	
Ref.	49152	Slow Approach Sub-Ass'y (C-69 & C-70).	
1	Comm.	Screw, Rd. Hd. Mach. #8-32NC x 5/8"	4
2	36917	Escutcheon (used on Ass'y #400684).	1
	35231	Escutcheon (used on Ass'y #49151).	1
	36918	Escutcheon (used on Ass'y #400685).	1
	35232	Escutcheon (used on Ass'y #49152).	1
3	104203	Knob (used on Ass'ys #400684 & #49151).	1
	104233	Knob (used on Ass'ys #400685 & #49152).	1
4	Comm.	Screw, Soc. Set #10-24NC x 1/4"	1
5	Comm.	Screw, Flat Hd. Mach. #6-32NC x 3/8"	4
6	Comm.	Nut, Hex. #6-32NC STD.	4
7	113743	Plate	1
8	113744	Gasket	1
*9	35-847	Service Tee	1
*10	14-03507	Close Nipple	1
*11	102245	Check Valve	1
*12	35-3521	Male Connector	1
13	49146	Control Box	1
14	5672	Pipe Plug (used on Ass'ys #400684 & #49151).	1
	3020	Pipe Plug (used on Ass'ys #400685 & #49152).	1
15	7623	Gear Reducer	1
16	100817	Adaptor	1
17	4211	Roll Pin	1
18	102536	Terminal Block Ass'y (Buchanan)	1
19	Comm.	Screw, Rd. Hd. Mach. #8-32NC x 3/8"	2
20	Comm.	Screw, Pan. Hd. Mach. #10-24NC x 1/4"	2
21	Comm.	Washer, Shake Proof #10 STD.	2
22	7459	Clip	2
23	7460	Mercury Switch	1
*24	107121-A	Solenoid Valve	1
*25	14-661	Nipple	1
**26	122120	Solenoid Valve	1
**27	18226	90° Female Elbow	2
28	15818	Connector Seal Ass'y	1
29	14411	Flange Washer	1
	14505	O-Ring	1
29	19543	Bond Nut	A.R.
*30	10382	Bushing	1
*31	10923	Nipple	1
32	STK#211	Nylon Tube 3/8 O.D.	A.R.
**33	5226	Nipple	1
34	35-3522	90° Male Elbow	2
*35	103216	Tube	1
36	11202	Male Run Tee	1
**37	35-519	90° Elbow	1
**38	8046	Needle Valve	1
*39	10623	Grommet	1

Following Items Not Shown:

*	18667	Insulator	1
*	Comm.	Screw, Rd. Hd. Mach. #6-32NC x 1-1/8"	2
*	106770	Tube Socket	1
*	12749	Time Delay Relay	1
*	31730-F	Control Relay	1

*NOTE: Single starred items used only on work height ass'ys #400684 & #49151

**NOTE: Double starred items used only on slow approach ass'y's #400685 & #49152



HEAD LIFT CYLINDER ASSEMBLY

MODEL	FIRST MFG.	LAST MFG.
C-45	155-65307	55-72259
C-71	156-65472	56-732645
C-59	173-65351	73-72562
C-170	162-65540	62-72502
C-270	217-65110	217-72039

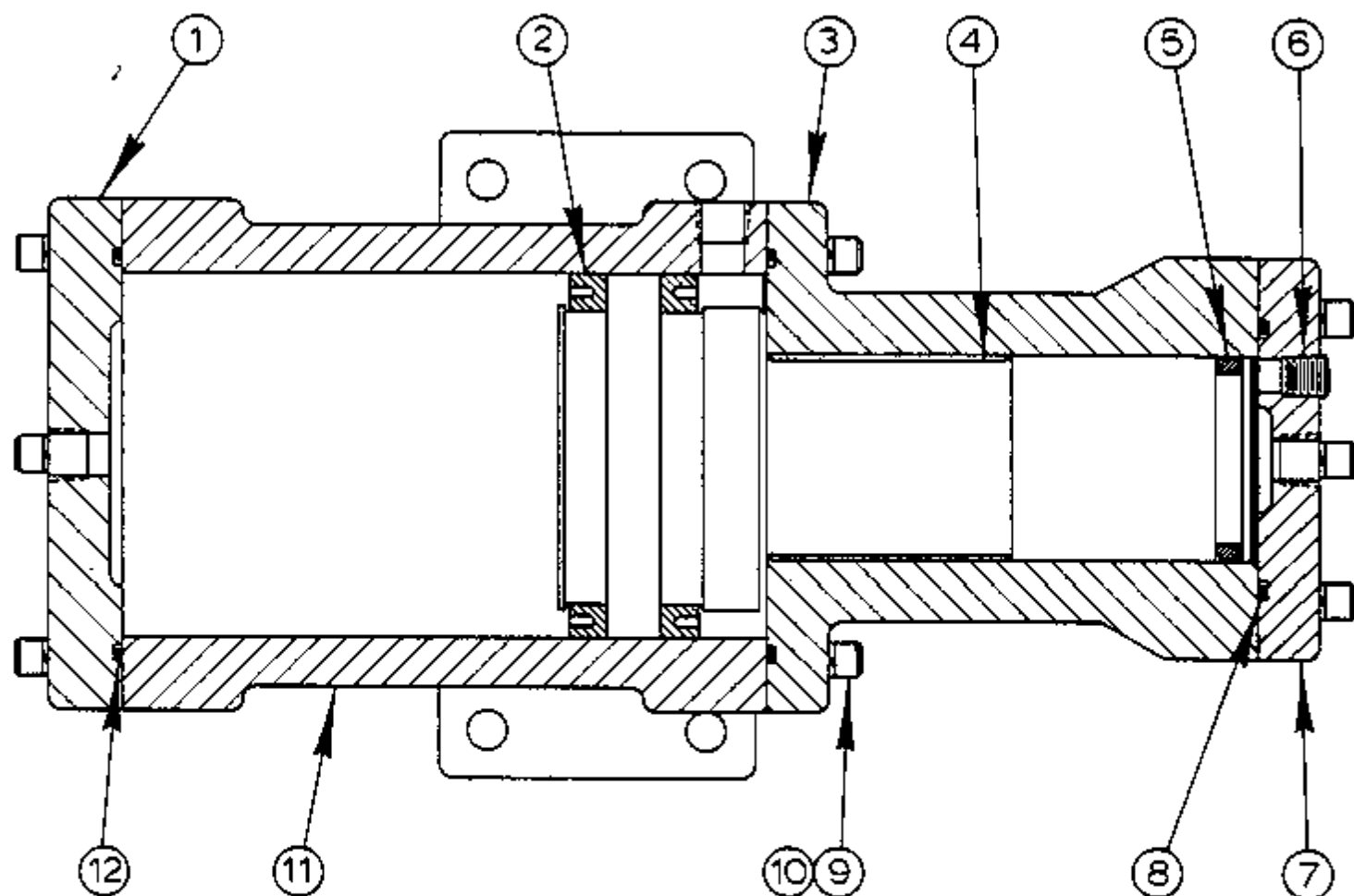
HEAD LIFT CYLINDER

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	56001	Head Lift Cylinder	
1	Comm.	Skt. Set Scr. 1/4-20NC x 1/4	2
2	9247	Extension	1
3	10656	45° Grease Fitting	2
4	48369	Clevis	1
5	110157	Cable Tie	2
6	109459	Bellows	1
7	Comm.	Hex Nut 3/8 Dia. -16NC	4
8	Comm.	Lockwasher 3/8 Std.	4
9	48370	Cylinder Cap	1
10	109427	Stud	4
11	33827	Cylinder	1
12	48371	Cylinder End	1
13	102530	Bushing	2
14	4279	Rollpin	1
15	Comm.	Jam Nut 1-1/4-12NF	1
16	33828	Piston Rod	1
17	33829	Screw	1
18	35-8539	"O" Ring	1
19	33830	Piston	1
20	15356	Split Ring	1
21	Comm.	Hex Nut 7/8-9 NC	1
22	Comm.	Jam Nut 7/8-9 NC	1
23	Comm.	Lockwasher 1/2 Std.	1
24	Comm.	Hex Hd. Mach. Scr. 1/2-13NC x 2 Lg.	1
25	9855	"O" Ring	1
26	9856	Backup Ring	2
27	109391	Spring	1
*28	109426	Spring	1
29	109505	Gasket	1

NOTE: Before Serial No. C69, 155-65907; C-70, 156-651472; C-169, 173-65551; C-170,160-65540 & C-270, 217-65110 Head Cylinder No. 56001 was no. 29854.

*NOTE: When Control Console Accessory is supplied order #57903 cylinder for complete assembly. Item 28 109426 Spring is not used in this unit, all other items are used.

NOTE: Head Cylinder Ass'ys #24740, #26739 & #29854 can be replaced with Ass'y #56001, if #8046 orifice and #14-03507 close nipple are included in order.

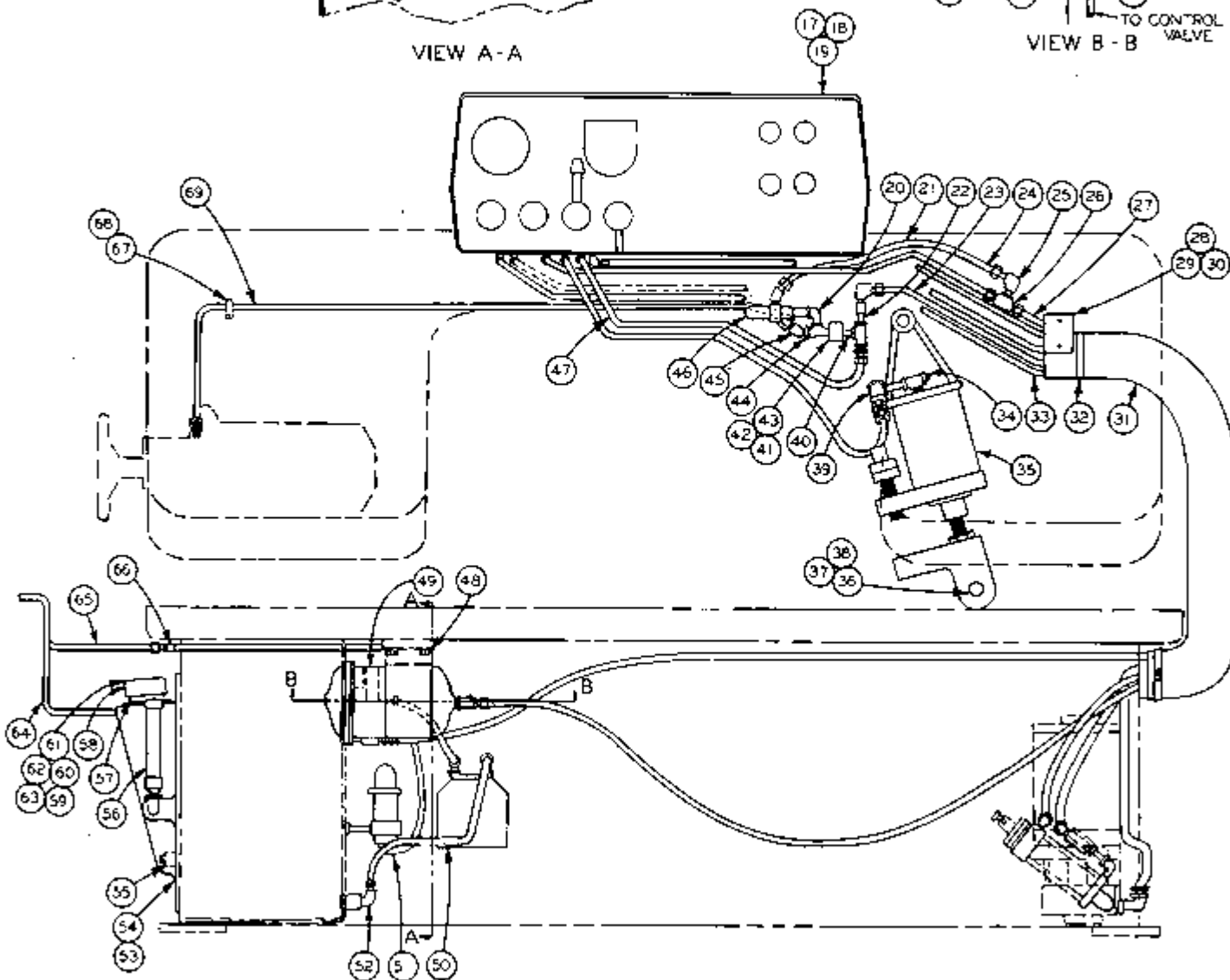
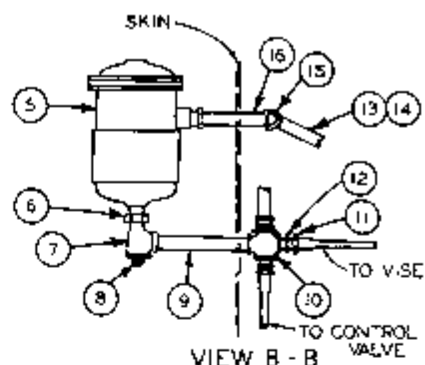
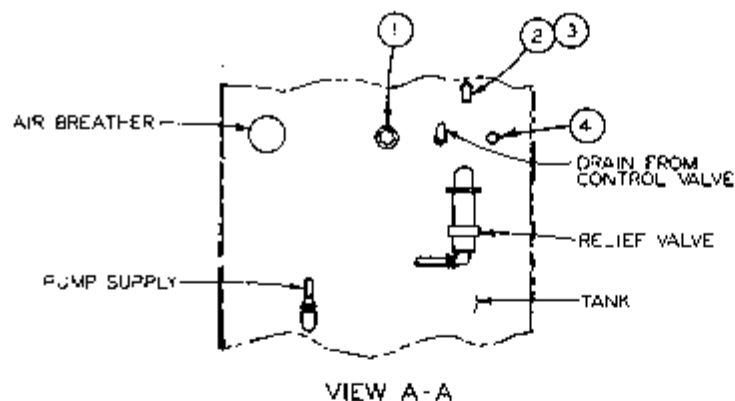


MODEL	FIRST MACH	LAST MACH
C-70	156-672050	156-732648
C-170	160-67569	160-72602
C-270	217-67131	217-70139
C-9A	261-68101	261-72149
C-9AV	297-70101	297-76194
C-80	190-70101	190-72220

NESTING VISE
PRESSURE BOOSTER CYLINDER ASSEMBLY

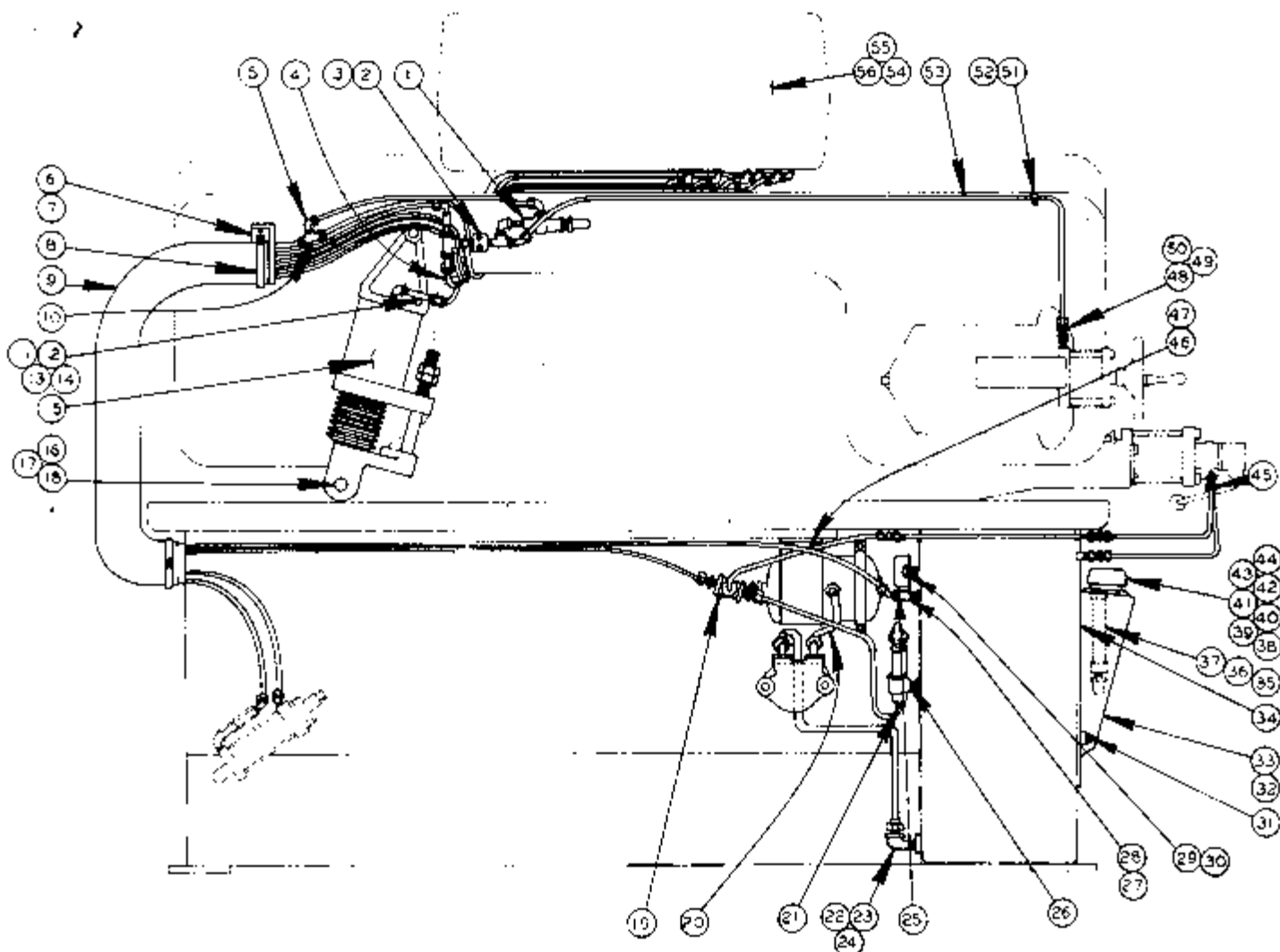
NESTING VISE PRESSURE BOOSTER CYLINDER ASSEMBLY

INDEX NO. Ref.	PART NO.	DESCRIPTION	UNITS PER ASS'Y
1	090-459934	Nesting Vise Pressure Booster Cylinder Assembly	1
2	090-372764	. End Cap.....	1
3	090-170077	. U-Cup.....	2
4	090-372780	. Cylinder Body.....	1
5	090-372798	. Piston.....	1
6	090-056094	. O-Ring.....	1
7	091-332023	. Pipe Plug.....	1
8	090-372772	. End Cap.....	1
9	090-097882	. O-Ring.....	1
10	091-982447	. Screw, Soc. Hd. Cap 1/4-20NC x 1-1/4.....	18
11	090-035593	. Washer, Lock 1/4 Hi-Collar.....	18
12	094-008455	. Cylinder Body.....	1
	091-181073	. O-Ring.....	2



MODEL	FIRST MACH	LAST MACH
C-69	155-60400	155-67060
C-69TC	155-61800	155-671060
C-169	173-60300	173-67571

		TITLE						CODE NO.	PS-7-16
		HYDRAULIC SYSTEM							
INDEX NO.	PART NO.	DESCRIPTION						UNITS PER ASS'Y.	
		1	2	3	4	5	6	7	
	54903	Hydraulic Assembly (C-69, C89TC & C-169)							1
1	11069	Pipe Cap							1
2	Stk #211	Nylon Tubing 3/8 O.D. x 20' (to vise)							1
3	113596	Female Connector							3
4	10448	Pipe Cap							1
5	28627 -A	Oil Filter (Removable Cartridge)							1
6	8136	Reducer Bushing							2
7	35-982	Service Tee							1
8	6-33518	Pipe Plug (to be removed for pressure reading)							1
9	14-680	Nipple (to relief valve)							1
10	2028	Cross Tee							1
11	1401	Male Connector							5
12	3093	Male Connector							5
13	4608	Hose							1
14	8155	Adapter Union							2
15	17-13515	90° Elbow							1
16	35-984	Nipple (to pump)							1
17	54905	Control Box Assembly (see detail)							1
18	Comm.	Hex Hd. Cap Scr. 1/4-20NC x 1/2							20
19	Comm.	Lockwasher 1/4 Std.							20
20	17-13521	90° St. Elbow							2
21	Stk #211	Nylon Tube 3/8 O.D. x 16"							1
22	35-2344	Nipple							2
23	Stk #211	Nylon Tube 3/8 O.D. x 80"							1
24	Stk #211	Nylon Tube 3/8 O.D. x 40"							1
25	107108	90° Male Elbow							2
26	113611	Female Branch Tee							1
27	Stk #211	Nylon Tube 3/8 O.D. x 87"							1
28	29479	Tube Mount							1
29	Comm.	Hex Hd. Cap Scr. 5/16-18NC x 1							2
30	Comm.	Lockwasher 5/16 Std.							6
31	18707	Flex Hose							1
32	11002	Hose Clamp							2
33	Stk #210	Nylon Tube 1/4 O.D. x 96"							2
34	5-04612	Pipe Plug							2
35	Ref.	Head Lift Cylinder (see detail)							1
36	102533	Pin							2
37	10384	Shim Spacer							As Req.
38	10385	Shim Spacer							As Req.
39	35-2474	Std. Tee							3
40	14-03507	Close Nipple							2
41	101780	Orifice							1
42	Comm.	Hex Hd. Mach. Scr. 1/4-20NC x 1-3/4							2
43	Comm.	Lockwasher							2
44	35-847	Service Tee							1
45	113584	45° Male Elbow							3
46	17-13505	Relief Valve							2
47	Stk #211	Nylon Tube 3/8 O.D. x 30"							1
48	Comm.	Hex Hd. Cap Scr. 5/16-18NC x 5/8							4
49	5-11510	Air Breather							1
50	35-321	Hose							1
51	Stk #211	Nylon Tube 3/8 O.D. x 17"							1
52	5-11513	90° St. Elbow							2
53	52881	Oil Filler Plate							1
54	12304	Gasket							1
55	1276	Pipe Plug							1
56	13888	Oil Gage Assembly							1
57	13855	Filter Neck							1
58	13856	Filter Cap							1
59	102285	Adaptor & Screen Assembly							1
60	105590	Gasket							2
61	Comm.	Rd. Hd. Sh. Metal Scr. #10 x 1/2							6
62	Comm.	Rd. Hd. Self Tap Scr. #8 x 1/2							1
63	Comm.	Shakeproof Lockwasher #8 external							1
64	Stk #211	Nylon Tube 3/8 O.D. x 13"							1
65	Stk #211	Nylon Tube 3/8 O.D. x 12"							1
66	35-308	Coupling							3
67	9955	Tube Clamp							As Req.
68	Comm.	Rd. Hd. Mach. Scr. 1/4-20NC x 3/8							As Req.
69	Stk. #211	Nylon Tube 3/8 O.D.							As Req.

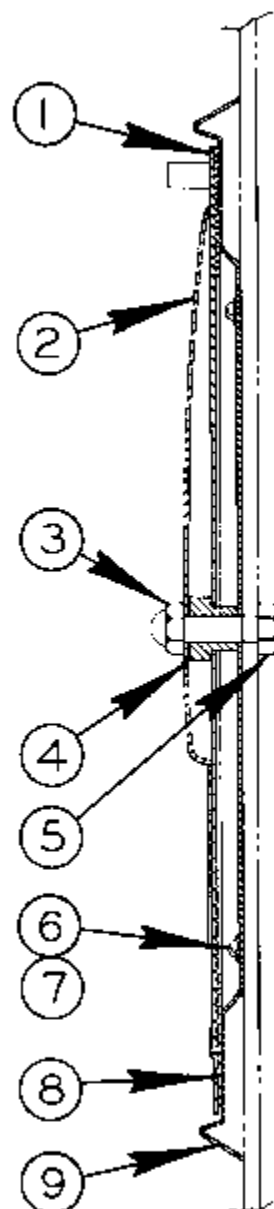
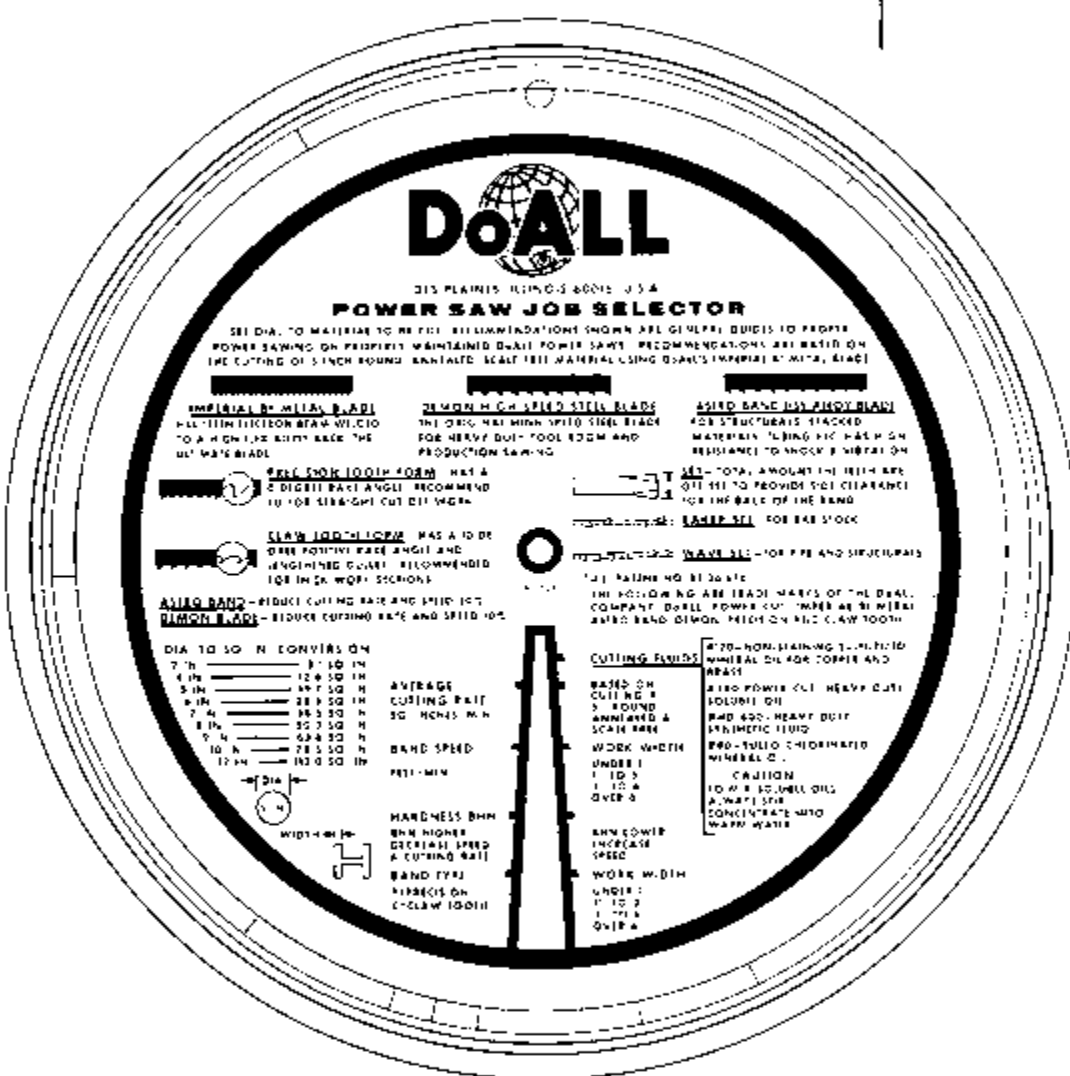


MODEL FIRST MACH. 2-61 MPH
C-69 55-671081 155 721269

HYDRAULIC ASSEMBLY

HYDRAULIC ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY
Def.	58425	Hydraulic Ass'y	
1	49654	Manifold Ass'y	1
2	Comm.	Screw, Hex. HD. Mach 1/4-20 NC x 1 3/4"	2
3	Comm.	Washer, Lock 1/4" Std.	2
4	Comm.	Tube 3/8 O.D.	A.R.
5	107108	Male Elbow	2
6	29479	Tube Mount	1
7	Comm.	Screw, HEX. HD. Cap 5/16-18NC x 1"	2
8	11002	Hose Clamp	2
9	16707	Flex Hose	1
10	113611	Female Branch Tee	1
11	17-13521	90° Street Elbow	1
12	8138	Male Connector	1
13	35-2344	Nipple	1
14	18226	90° Elbow	1
15	56001	Head Lift Cylinder (See Detail)	1
16	102533	Pin	2
17	10384	Shim Spacer	A.R.
18	10385	Shim Spacer	A.R.
19	49649	Filter Ass'y	1
	28627	Oil Filter	1
	Comm.	Cartridge (Purulator #6662654)	1
20	4308	Hose	A.R.
21	9522	45° Male Elbow	1
22	5-11513	90° Street Elbow	1
23	35-321	Hose	A.R.
24	8155	Adaptor Union	2
25	5-11510	Air Breather (Donaldson #BA500-0017)	1
26	17-13505	Relief Valve	1
27	35-306	Coupling	1
28	113584	45° Male Elbow	1
29	10446	Pipe Cap	1
30	11069	Pipe Cap	1
31	1276	Pipe Plug	1
32	52861	Oil Filter Plate	1
33	12304	Gasket	1
34	116073	Escutcheon	1
35	13886	Oil Gauge Ass'y	1
36	5-11513	90° Street Elbow	1
37	35-2344	Nipple	1
38	102285	Adaptor & Screen Ass'y	1
39	105590	Gasket	2
40	Comm.	Screw, RD. HD. Shr. Metal #10x1/2"	6
41	13855	Filler Neck	1
42	13856	Filler Cap	1
43	Comm.	Screw, RD. HP. Self Tap #8x1/2" Type "Z"	1
44	Comm.	Washer, Lock Shakeproof #8 External	1
45	2695	Female Connector	3
46	Comm.	Washer, Lock 5/16" Std.	6
47	Comm.	Screw, Hex. HD. Cap 5/16-18NC x 5/8"	4
48	35-3521	Male Connector	2
49	35-982	Service Tee	1
50	6-33518	Pipe Plug	1
51	9955	Tube Clamp	A.R.
52	Comm.	Screw, RD. HD. Mach. 1/4-20NC x 3/8"	A.R.
53	Stk #211	Tubing 3/8 O.D.	A.R.
54	54905	Control Box Sub-Ass'y (See Detail)	1
55	Comm.	Screw, Hex. HD. Cap 1/4-20NC x 1/2"	20
56	Comm.	Washer, Lock 1/4" Std.	20



JOB SELECTOR ASSEMBLY

USED ON ALL POWER SAWS

JOB SELECTOR ASSEMBLY

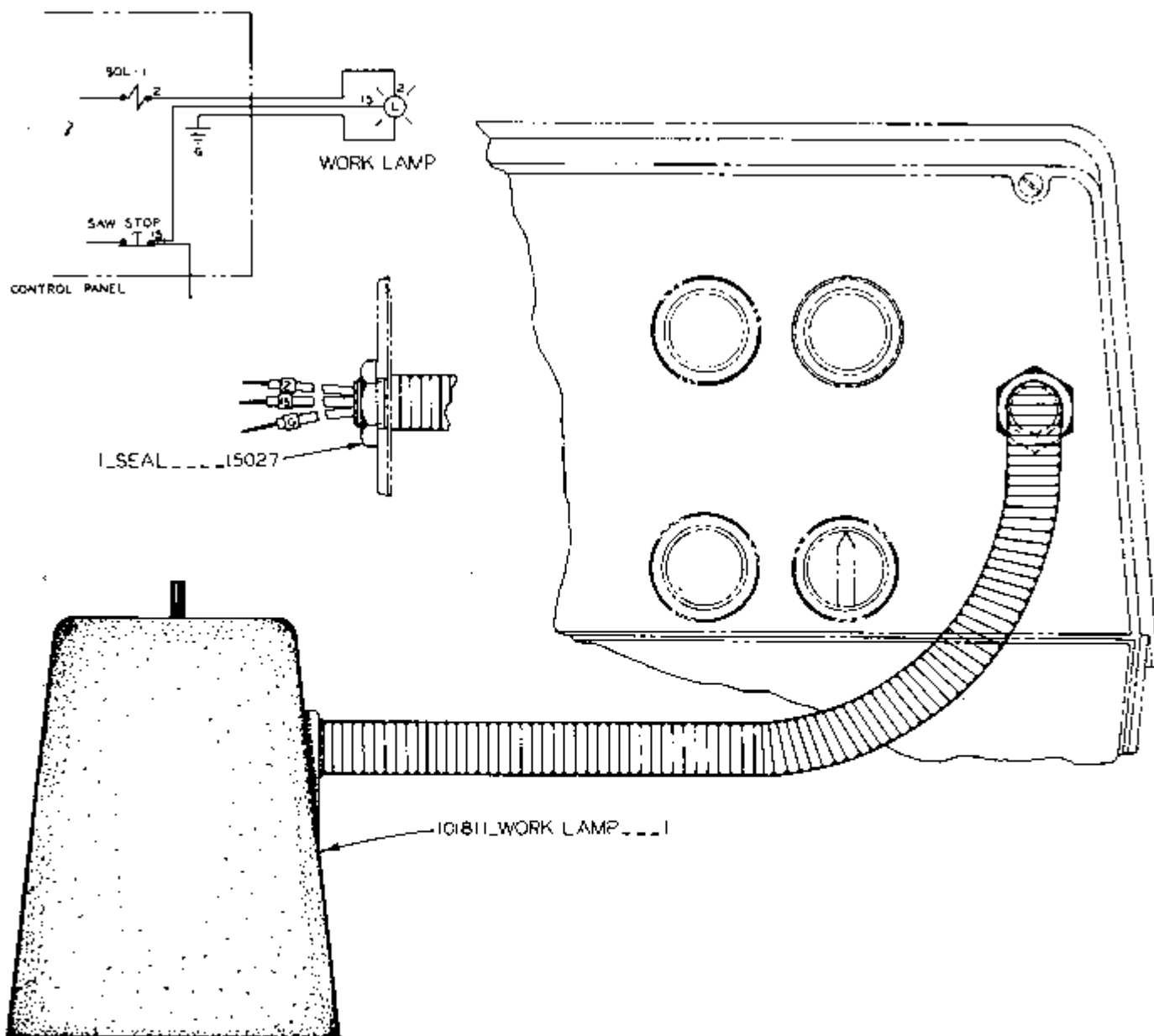
INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	* 404078	Job Selector Assembly	
Ref.	** 403337	Job Selector Assembly	
1	* 128927	. Job Selector Dial Sub-Assembly.....	Use
	** 101246	. Job Selector Dial Sub-Assembly.....	One
2	* 401509	. Job Selector Plate.....	Use
	** 403118	. Job Selector Plate.....	One
3	4449	. Acorn Nut.....	1
4	2701	. Bushing.....	1
5	* Comm.	. Screw, Hex. Hd. Cap 5/16-18NC x 1.....	Use
	** Comm.	. Screw, Hex. Hd. Cap 5/16-18NC x 3/4.....	One
6	* Comm.	. Alum. Rivet, Round-C'Sunk 3/16 x 5/16.....	4 } Use
	** Comm.	. Screw, Rd. Hd. Mach. 1/4-20NC x 1/4.....	4 } One
7	* 126218	. Retaining Ring.....	4 } Use
	** Comm.	. Washer, Flat 1/4 Std. S.A.E.....	4 } One
8	6-14304	. Outer Edge Felt.....	4
9	42672	. Job Selector Frame.....	1
10	Comm.	. Washer, Flat 5/16 Std. S.A.E.....	2

*Note: Single Starred Items used only on Ass'y #404078 and Double Starred items used only on Ass'y #403337

**Before serial no. 300-72119 on C-79, Serial No. 190-72269 on C-80 and before serial no. 302-73106 on C-180.

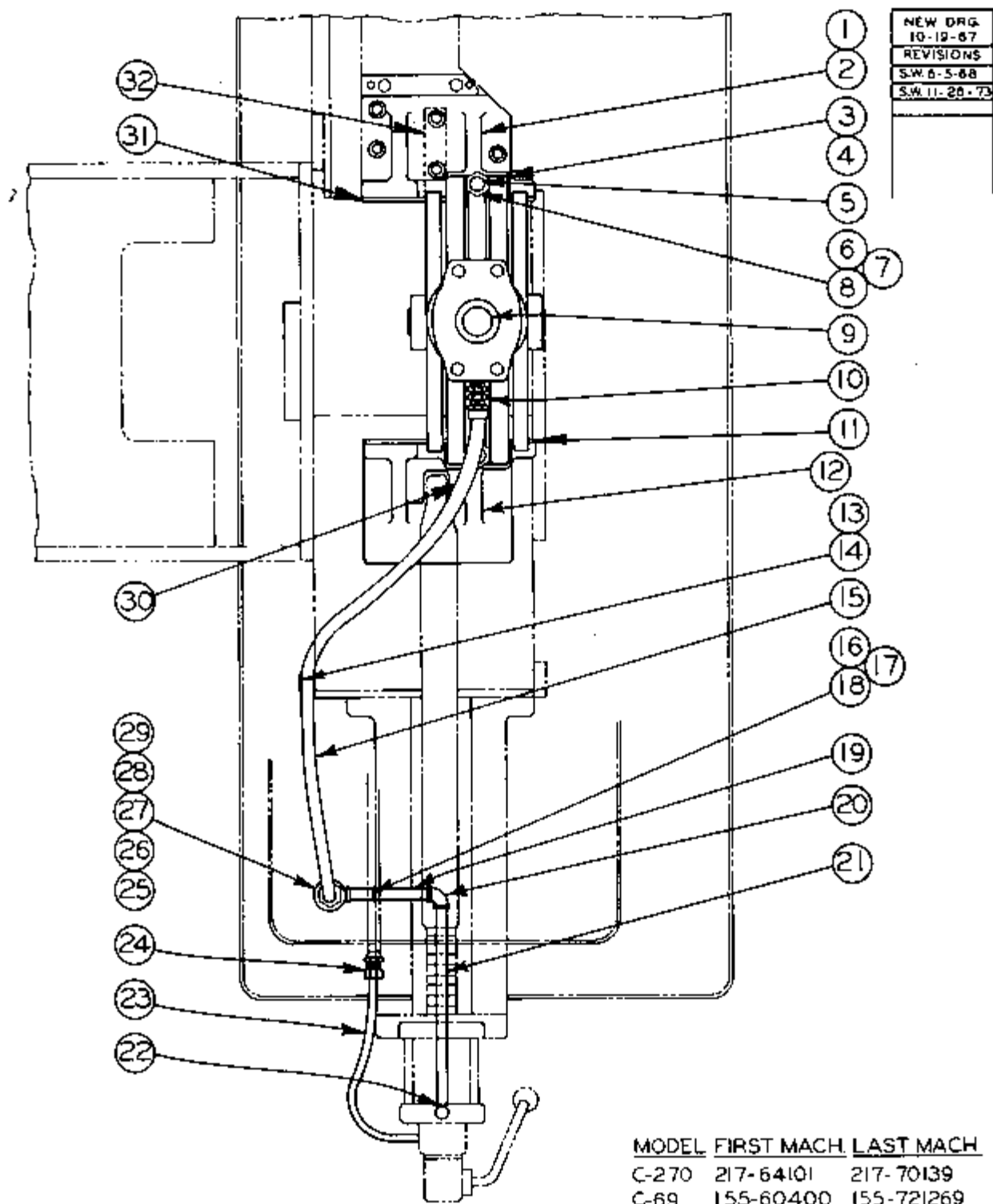
128927 was 101246

401509 was 403118



FITS ALL POWER SAWS

45735
LAMP ASS'Y
ATTACH



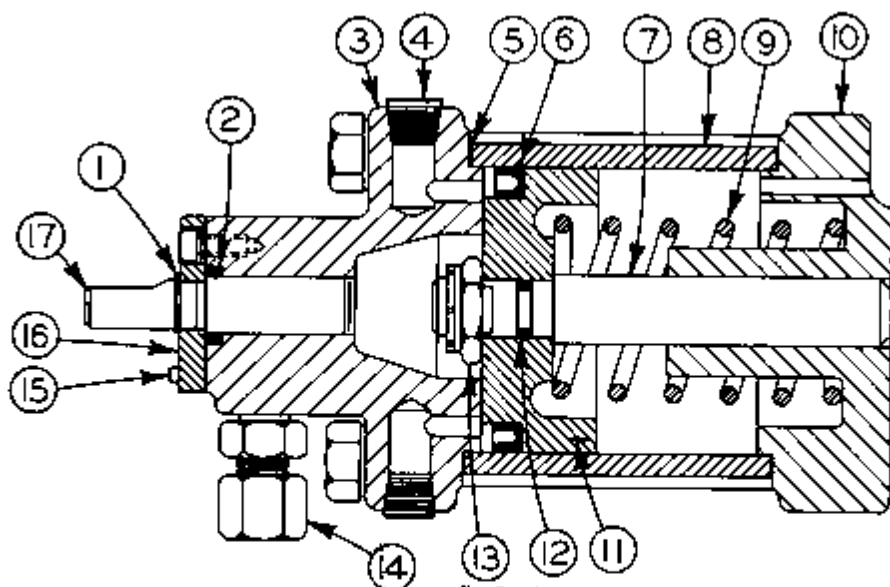
NESTING VISE LINE ASSEMBLY

PS-9-53

PRINTED IN U.S.A.

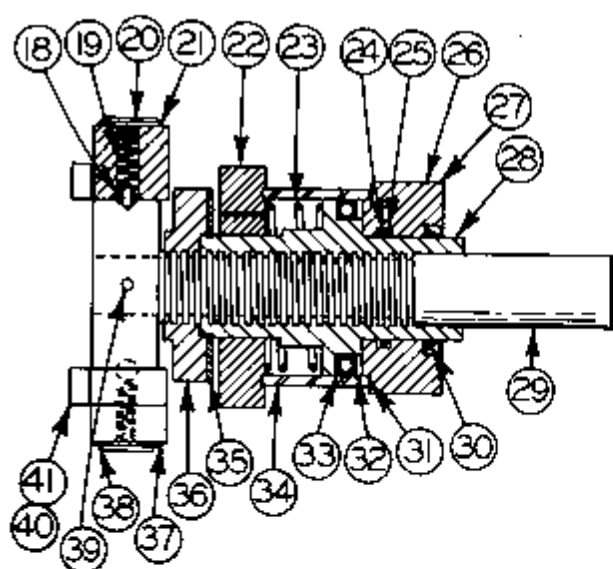
NESTING VISE LINE ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	48112	Nesting Vise Assembly (C-69)	
Ref. >	56123	Nesting Vise Assembly (C-270)	
1	103571	Wear Strip	1
2	46178	Fixed Jaw (Front)	1
3	22933	Spacer	2
4	Comm.	Screw, Soc. Hd. Cap, $\frac{1}{2}$ -13NC x 3- $\frac{1}{4}$ "	4
5	7054	Stud	2
6	Comm.	Nut, Jam, $\frac{3}{4}$ x 10NC	2
7	Comm.	Nut, Hex., $\frac{3}{4}$ x 10NC	2
8	Comm.	Washer, $\frac{3}{4}$ SAE	2
9	51472	Nesting Vise Sub-Assembly (See Detail)	1
10	12093	Adapter Union	1
11	104607	Wear Plate Assembly	1
12	46530	Movable Jaw	1
13	12250	Conduit Strap	1
14	Comm.	Screw, Rd. Hd. Mach., #10-24NC x $\frac{1}{2}$ "	1
15	5260	Hose	1
16	12400	Short Hanger	1
17	Comm.	Screw, Hex. Hd. Cap, $\frac{1}{4}$ -20NC x $\frac{3}{8}$ "	2
18	Comm.	Washer, Lock, $\frac{1}{4}$ Std.	2
19	35-3177	Nipple	1
20	35-519	Elbow	1
21	35-3175	Nipple	1
22	17-13521	Str. Elbow	1
23	Stk.#211	Nylon Tubing $\frac{3}{8}$ O.D. (Used only on C-270)	A.R.
24	2695	Female Connector (Used only on C-270)	1
25	18221	Hose Disconnect	1
26	8309	Reducer Elbow	1
27	14015	Dust Plug	1
28	15503	Dust Cap	1
29	35-1127	Close Nipple	1
30	Comm.	Screw, Soc. Hd. Set, $\frac{1}{4}$ -20NC x $\frac{1}{2}$ "	1
31	15035	Screw, Relieved Flat Hd. Mach.	12
32	103479	Key	1

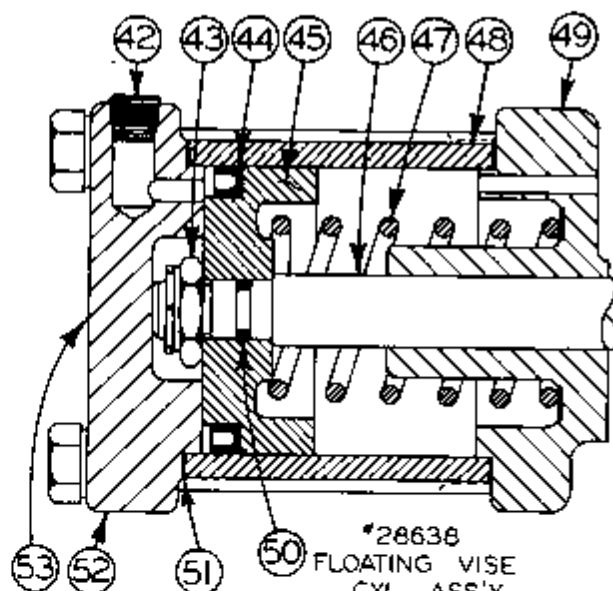


*45400
OUTBOARD VISE CYL. ASS'Y

REVISIONS
6-10-68
SW 3-18-69
SCL II-27-73



*51472
NESTING VISE CYL. ASS'Y



*28638
FLOATING VISE
CYL. ASS'Y

MODEL	FIRST MACH.	LAST MACH.
C-57	140-59101	140-60207
C-58	97-54101	97-591327
C-58	141-59101	141-60224
C-67	155-59101	155-721269
C-68	156-59101	156-732648
C-168	160-60101	160-72602
C-69	155-60400	155-721269
C-70	156-60600	156-732648
C-170	160-60300	160-72602

CYL. ASSEMBLIES FOR ATTACH.

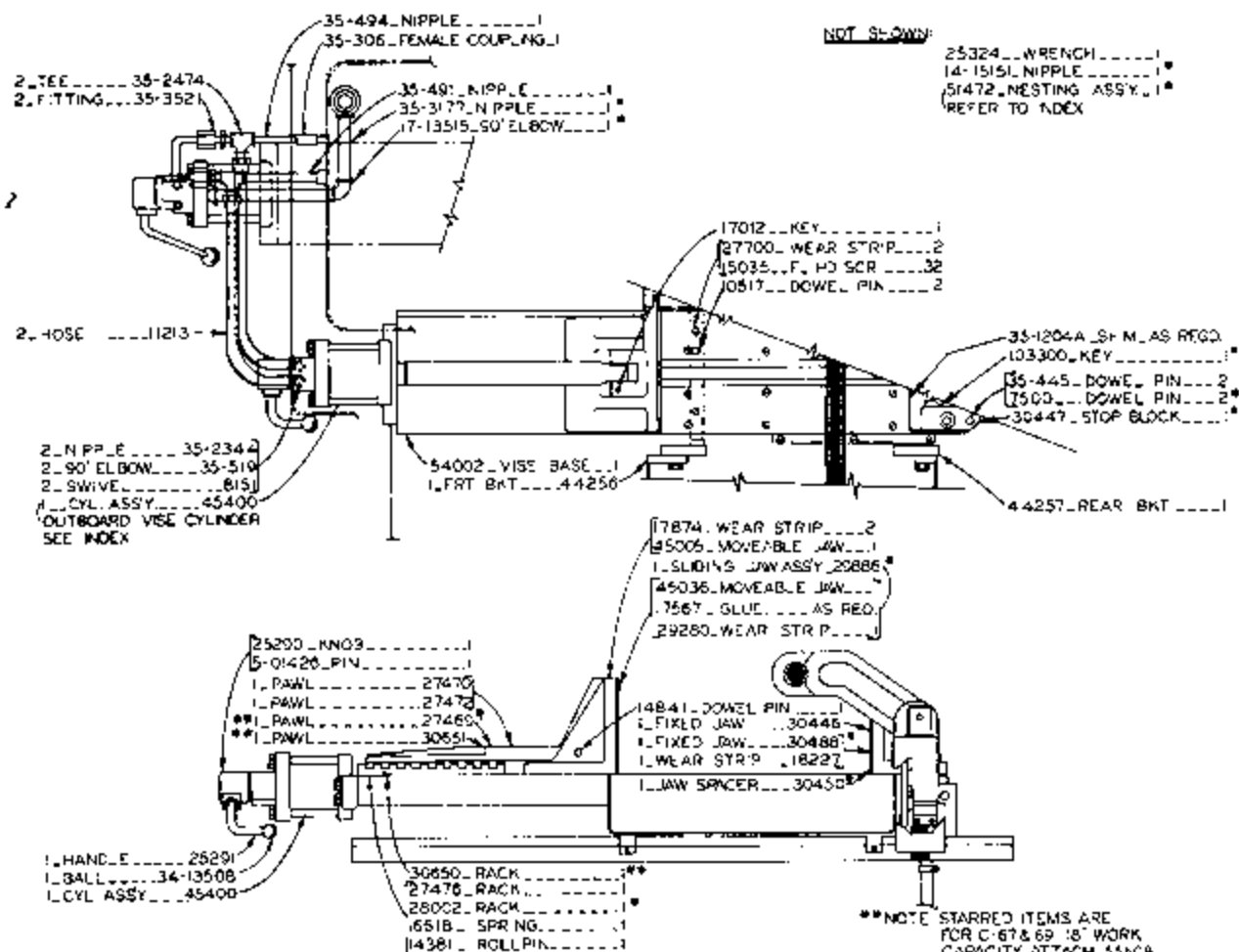
C-270	217-64101	217-70139
C-9A	261-68101	261-72149

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CYLINDERS FOR ACCESSORIES

CODE NO.

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.						
			1	2	3	4	5	6	7
	45400	Outboard Vise and Stock Tray Assembly (see outboard vise detail) C-57, 58, 67, 68, 69, and 70							1
1	35-2813	Retainer Ring							1
2	35-8541	"O"-Ring							1
3	43037	Valve Housing							1
4	35-7957	Soc. Pipe Plug							2
5	10778	Gasket							2
6	18397	"U"-Cup							1
7	101777	Piston Rod							1
8	13258	Cylinder Tube							1
9	101520	Spring							1
10	45709	Cap							1
11	101778	Piston							1
12	4122	"O"-Ring							1
13	13257	Lock-Nut							1
14	35-3521	Male Coupling							2
15	4254	Roll Pin							1
16	10701	Plate							1
17	24814	Spool							1
	51472	Nesting Vise Cylinder Assembly (see table detail) C-58, C-68, C-70, C-169 and C-170							2
18	6774	Ball							2
19	35-6560	Spring							2
20	46505	Vise Pivot							1
21	1719	Retaining Ring							2
22	41884	Bracket							1
23	7057	Spring							1
24	7071	"O"-Ring							1
25	7051	Back-up Ring							2
26	41883	Cap							1
27	14-115158	Pipe Plug (not shown)							1
28	28611	Piston (before ser. no. C-58, 141-58101 Piston was 28311 and before ser. no. 97-57982 Piston was 22839)							1
29	7059	Screw							1
30	8807	Seal Guard							1
31	9853	Gasket							1
32	9856	Back-up Washer							1
33	9855	"O"-Ring (before ser. no. C-58, 97-57952 "O"-Ring was 12588 "U"-Cup							1
34	26545	Tube (before ser. no. C-58, 97-57982 Tube was 22838							1
35	11902	Retaining Ring							2
36	25414	Nut							1
37	104204	Clamp Bar Assembly							2
38	5-04304	Spacer							As Req.
39	4281	Roll Pin							1
40	117952	Bumper Pad Sub-Ass'y.							2
	37148	Bumper Pad Holder							2
41	Comm.	Screw, Flat Hd. Mach. 10-24NC x 3/8"							8
	28838	Floating Vise Cylinder Assembly (see detail) C-68, 168, 70 and 170							2
42	35-7957	Soc. Pipe Plug							2
43	13257	Lock-Nut							1
44	13397	"U"-Cup							1
45	101778	Piston							1
46	102060	Piston Rod							1
47	101520	Spring							1
48	13258	Cylinder Tube							1
49	45709	Cap							1
50	4122	"O"-Ring							1
51	10778	Gasket							2
52	26424	Cylinder Block							1
53	8345	Plastic Plug (not shown)							1



NOT SHOWN

25324 WRENCH
14-15151 NIPPLE
51472 NESTING ASSY
REFER TO INDEX

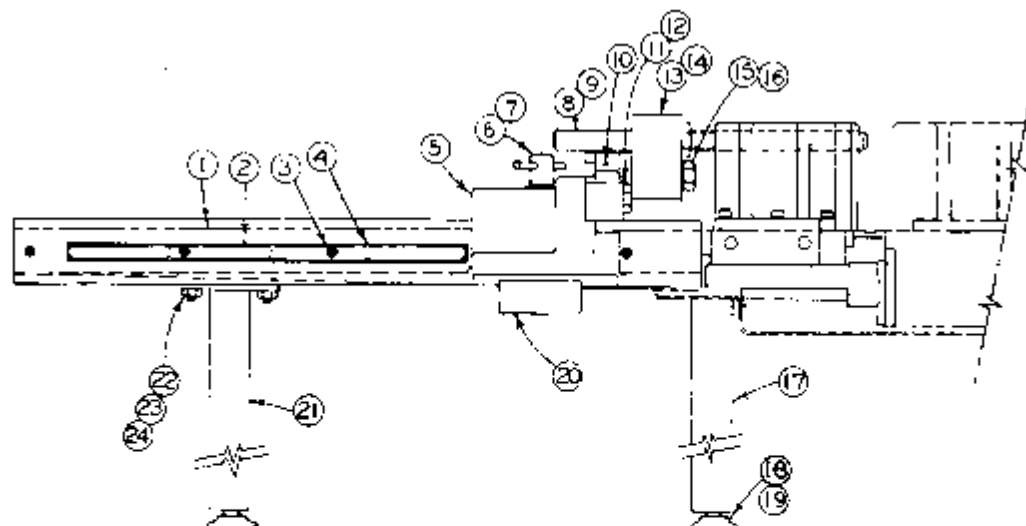
*NOTE BEFORE SER NO C 69
155-61403 & C 70 156-
61609 3043 PLATE
WAS 27423.

*NOTE:
STARRED ITEMS USED
ONLY WITH NESTING
FIXTURE.

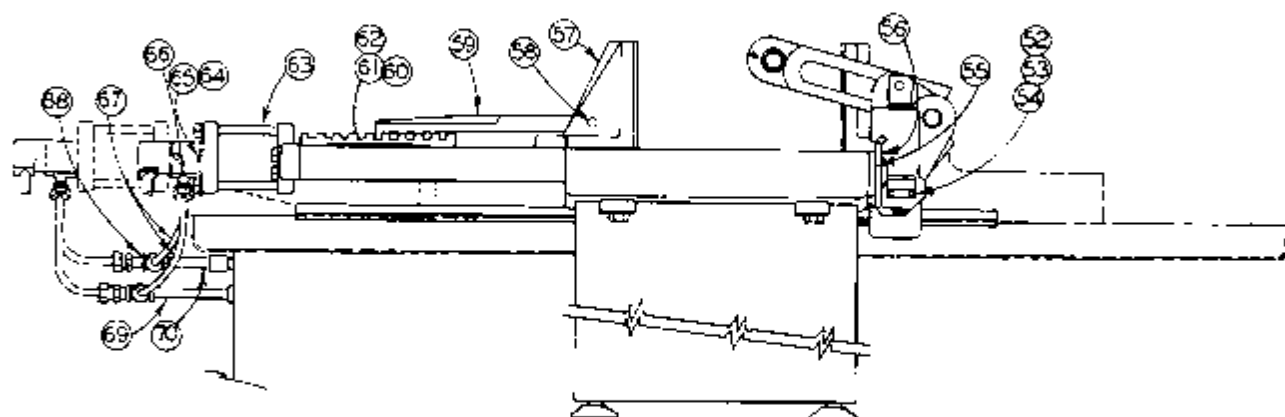
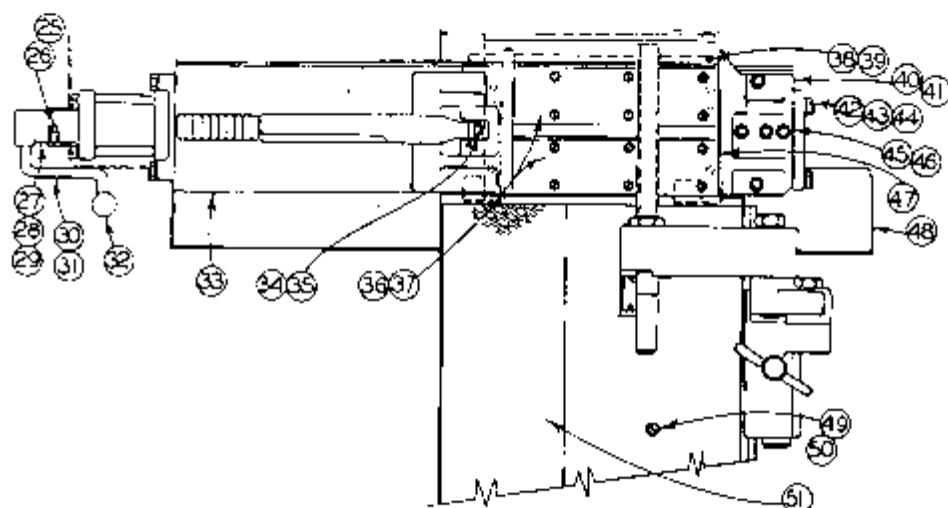
1 FILLER PLATE C-57 WITH 140 PREFIX & C-57 27433
1 FILLER PLATE C-58 WITH 141 PREFIX & C-58 28800

MODEL	FIRST MACHINE	LAST MACHINE
C-57	140-59101	140-60207
C-58	141-59101	141-50224
C-67	155-59101	155-61301
C-69	155-60400	155-63819
C-68	156-59101	156-61418
C-70	156-60600	156-63199

POWER SAW
OUTBOARD VISE W/STOCK TRAY
*54001 & *54016



REVISIONS
SN 6-3-88
SLC 11-27-78

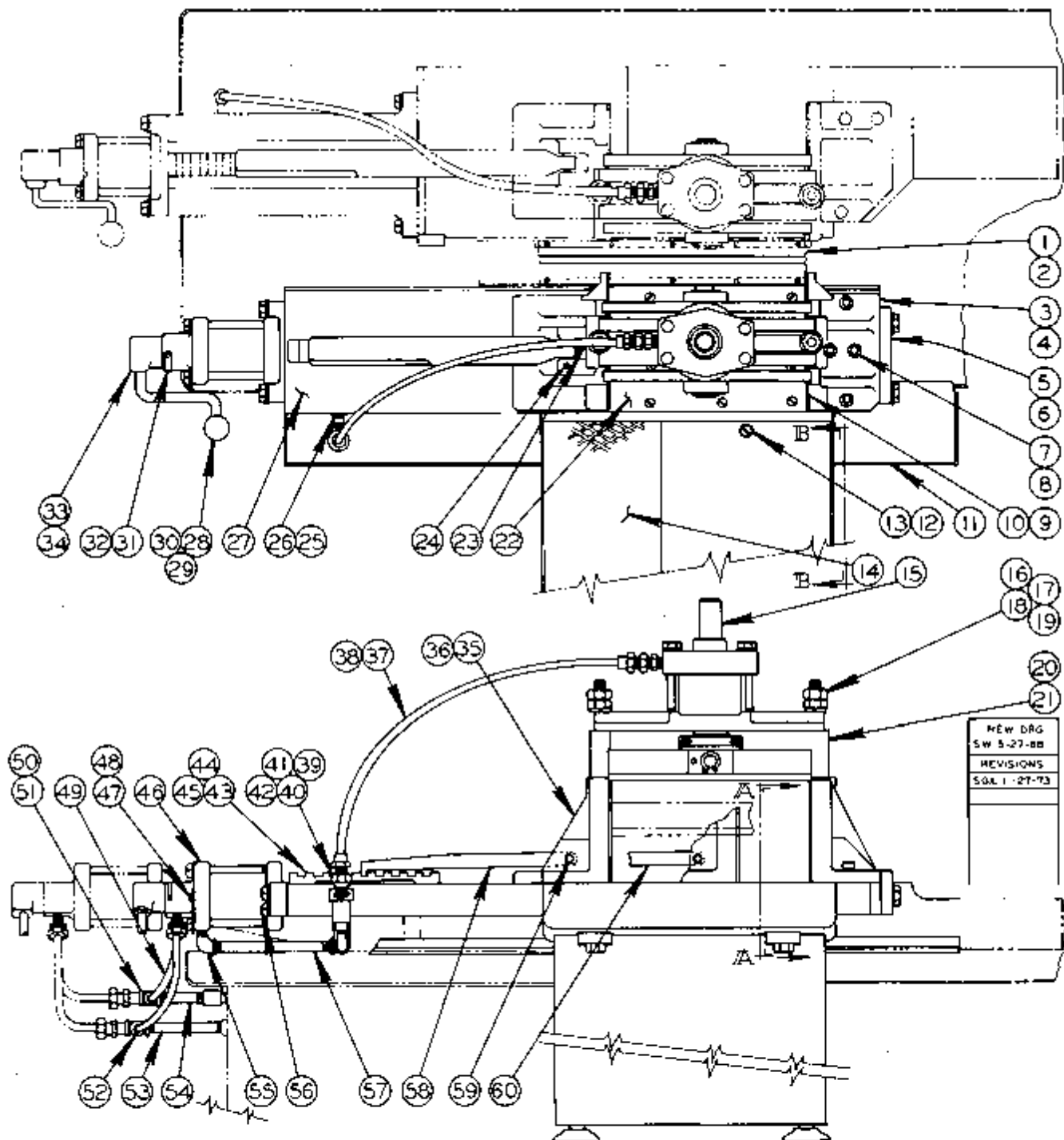


MODEL	FIRST MACH.	LAST MACH.
C-59	155-53620	155-72089
C-70	156-631200	156-73264B
C-270	217-64101	217-70339

OUTBOARD VISE & STOCK TRAY ATTACH.

OUTBOARD VISE & STOCK TRAY ASS'Y.

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.	INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	56160	Outboard vise & stock tray ass'y		43	30447	Stop Block	1
		C-69	1	44	35-1204A	Shim	As Req.
Ref.	56102	Outboard vise & stock tray ass'y		45	103300	Key	1
		C-70	1	46	Comm.	Soc. Hd. Cap Scr. 1/2-13NC	
Ref.	56578	Outboard vise C-270	1			x 1-1/2" Lg.	11
1	47193	Tray Weldment	1	47	17874	Wear Plate	2
2	32246	Rule	1	48	47192	Pin (C-69 & 70)	1
3	Comm.	Soc. Hd. Cap Scr. 5/16-18NC			56139	Pin Ass'y. (C-270)	1
		x 1-1/4	5	49	32076	Plate (C-69 & 70)	1
4	Comm.	Rd. Hd. Self Tap Scr. P.K.			34644	Plate (C-270)	1
		type F 6-32 x 1/4	12	50	Comm.	Flat Hd. Mach. Scr. 1/4-20NC	
5	46933	Slide	1			x 3/8	4
6	13046	Handle Sub Ass'y.	1	51	32077	Screen	1
7	Comm.	Washer 1" Std. SAE	1	52	13047	Pointer	1
8	101266	Adjusting Screw	1	53	Comm.	Lockwasher #10 Std.	2
9	11426	Jam Nut	1	54	Comm.	Rd. Hd. Mach. Scr. 10-24NC	
10	46932	Hinge	1			x 3/8	2
11	105447	Spacer Washer	1	55	32079	Slide Plate	1
12	105430	Hex. Hd. Bolt	1	56	32078	Slide Plate	1
13	11443	Plate	1	57	45005	Movable Jaw	1
14	25104	Stop Arm	1	58	14841	Pin	1
15	11425	Hex. Bolt	1	59	27472	Pawl (C-69, 70 & 270)(13-5/16)	1
16	Comm.	Washer 1-1/4 Std. SAE	1		27470	Pawl (C-270)(21-5/16)	1
17	47191	Leg Weldment	1	60	27476	Rack	1
18	12420	Pad	4	61	16618	Spring	1
19	Comm.	Hex. Hd. Cap Scr. 1/8NC x		62	14381	Roll Pin	1
		2" Lg.	4	63	45400	Outboard Vise Cyl. (See Detail)	1
20	13048	Clamp	1	64	100473	Plate	1
21	55619	Support Sub Ass'y.	1	65	Comm.	Rd. Hd. Mach. Scr. 1/4-20NC	
22	Comm.	Hex. Hd. Cap Scr. 1/2-13NC				x 3/8 Lg.	1
		x 1-1/2	4	66	1401	Male Connector	4
23	Comm.	Lockwasher 1/2 Std.	25	67	Stk.#211	Nylon Tube 3/8" O.D.	AR
24	Comm.	Hex. Nut 1/2-13NC Std.	4	68	35-2474	Tee	2
25	10716	Escutcheon	1	69	35-491	Nipple	1
26	Comm.	Drive Scr. PK Type U #0 x		70	35-494	Nipple	1
		3/16	2			NOT SHOWN	
27	Comm.	Soc. Hd. Set Scr. 1/4-20NC		71	Stk.#001	Hose (C-270) 3/4" O.D.	As Req.
		x 1/4	2	72	Comm.	Rd. Hd. Mach. Scr. #10-24NC	
28	25290	Knob	1			x 3/8 Lg. (C-270)	2
29	5-01426	Pin	1	73	Comm.	Lockwasher #10 Std. (C-270)	2
30	25291	Handle	1	74	Comm.	Soc. Hd. Cap Scr. 1/2-13NC	
31	Comm.	Jam Nut 5/8-11NC	1			x 2" Lg. (C-69 & 70)	2
32	34-13508	Ball	1	75	Comm.	Soc. Hd. Set Scr. 3/8-16NC	
33	56101	Vise Base	1			x 1" Lg. (C-69 & 70)	2
34	17012	Key	1	76	47190	Bracket Weldment (C69 & 70)	2
35	Comm.	Soc. Hd. Cap Scr. 1/2-13NC		77	14-473	Dowel Pin (C-69 & 70)	7
		x 1-1/4 Lg.	2	78	Comm.	Soc. Hd. Cap Scr. 3/8-16NC	
36	15035	Flt. Hd. Mach. Scr.	28			x 1-3/4 Lg. (C-69 & 70)	4
37	27700	Wear Strip	2	79	5150	Lockwasher (C-69 & 70)	4
38	Comm.	Flt. Hd. Mach. Scr. #10-24NC				x 3/8	5
		x 3/8	5			Filler Plate	1
39	32230	Filler Plate	1			Fixed Jaw	1
40	30446	Fixed Jaw	1			Fixed Jaw Spacer (not shown)	1
41	30450	Fixed Jaw Spacer (not shown)	1			Hex. Hd. Cap Scr. 1/2-13NC	
42	Comm.	Hex. Hd. Cap Scr. 1/2-13NC				x 1-3/4	6

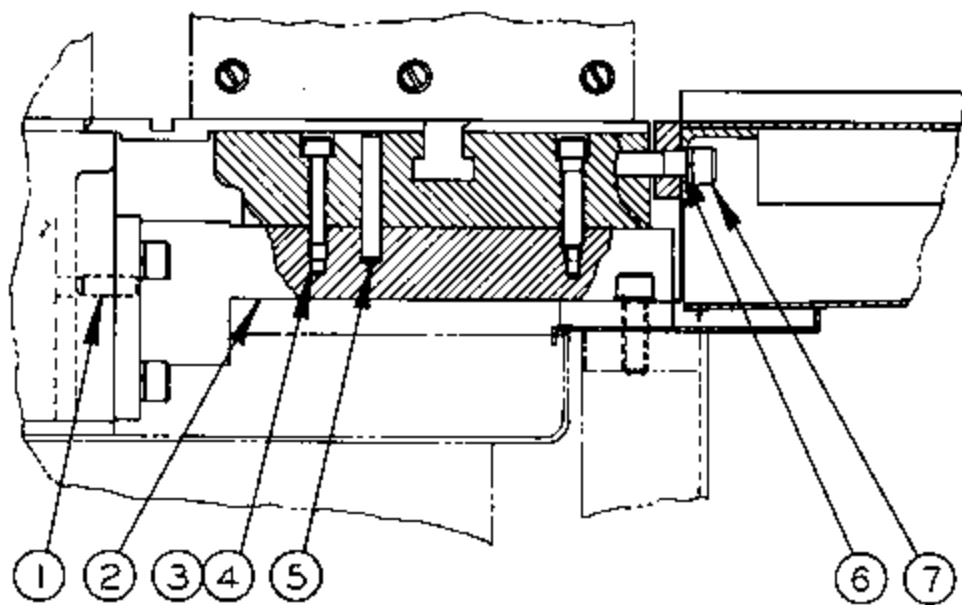


MODEL	FIRST MACH	LAST MACH
C-69	155-671061	55-72-269
C-70	155-672050	156-732648

OUTBOARD VISE WITH NESTING
FIXTURE & STOCK TRAY ASSEMBLY

OUTBOARD VISE WITH NESTING FIXTURE AND STOCK TRAY ASSEMBLY

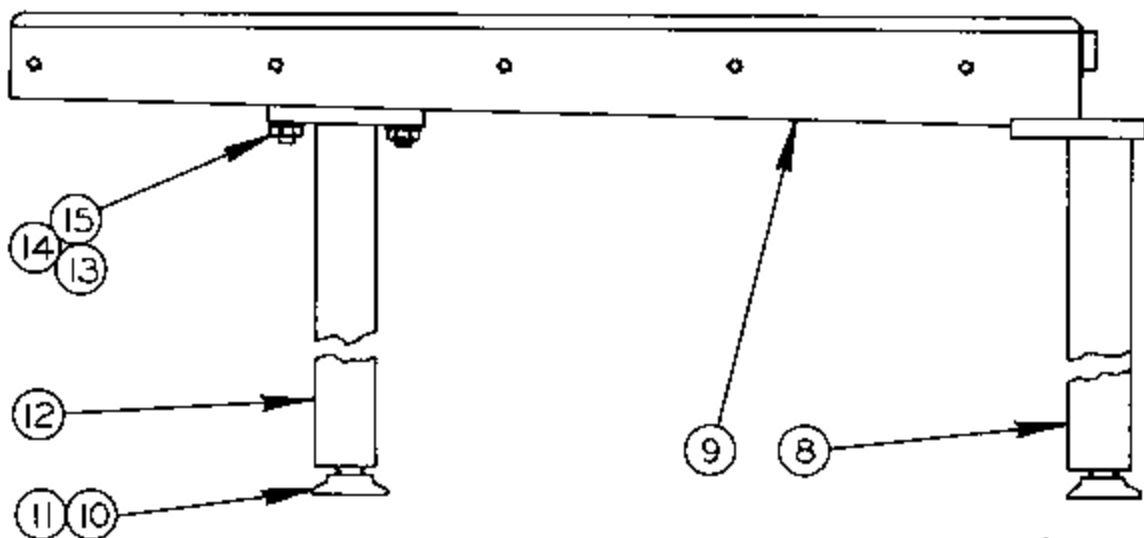
INDEX NO	PART NO	DESCRIPTION	UNITS PER ASS'Y
Ref.	56103	Outboard Vise with Nesting Fixture and Stock Tray Ass'y	
1	32230	Filler Plate	1
2	Comm	Screw, Flt. Hd. Mach. #10-24NC x 3/8"	5
3	30488	Fixed Jaw	1
4	30450	Fixed Jaw Spacer	1
5	30447	Stop Block	1
6	35-1204A	Shim	A.R.
7	Comm.	Screw, Soc. Hd. Cap 1/2-13NC x 1 1/2"	12
8	103300	Key	1
9	18227	Wear Strip	1
10	15035	Screw, Rel. Flt. Hd. Mach 1/4-20NC x 5/8"	28
11	47192	Pin	1
12	Comm	Screw, Flt. Hd. Mach. 1/4-20NC x 5/8"	4
13	32076	Plate	1
14	32077	Screen	1
15	51472	Nesting Vise Cylinder (See Index)	1
16	7054	Stud	2
17	Comm	Nut, Jam 3/4-10NC	2
18	Comm.	Nut, Hex. 3/4-10NC	2
19	Comm	Washer 3/4 S.A.E.	2
20	22933	Spacer	2
21	Comm	Screw, Soc. Hd. Cap 1/2-13NC x 3 1/4"	4
22	27700	Wear Strip	2
23	17012	Key	1
24	Comm	Screw, Soc. Hd. Set 1/4-20NC x 1/4"	2
25	Comm	Washer, Lock 1/4" Std.	2
26	18307	Bracket	1
27	56101	Vise Base	1
28	34-13508	Ball	1
29	25291	Handle	1
30	Comm	Nut, Jam 5/8-11NC	1
31	Comm	Screw, Drive #0X 3/16" PK Type "U"	2
32	10716	Scotchman	1
33	25290	Knob	1
34	5-01426	Pin	1
35	45036	Movable Jaw	1
36	105137	Wear Plate Ass'y	1
37	11218	Hose	1
38	12093	Adapter Union	1
39	11875	Hose Disconnect	1
40	35-519	90° Elbow	1
41	5-11517	Reducer Bushing	1
42	35-300	Reducer Bushing	2
43	27476	Rack	1
44	16618	Spring	1
45	14381	Rollpin	1
46	45400	Outboard Vise Cylinder (See Index)	1
47	100473	Plate	1
48	Comm	Screw, Rd. Hd. Mach 1/4-20NC x 3/8"	3
49	Shk #211	Nylon Tube 3/8 O.D.	A.R.
50	35-2474	Tee	2
51	35-3521	Male Connector	1
52	140121	Male Connector	1
53	35-491	Nipple	2
54	35-494	Nipple	1
55	17-13521	90° St. Elbow	2
56	Comm	Screw, Hex. Hd. Cap 1/2-13NC x 1 3/4"	6
57	35-3175	Nipple	1
58	27472	Pawl (13-5/16)	1
59	14841	Pin	1
60	27470	Pawl (21-5/16)	1



SECTION A-A

NEW DRG.
S.W. 5-29-68
REVISIONS
SCL. 11-27-73

VIEW TB-TB

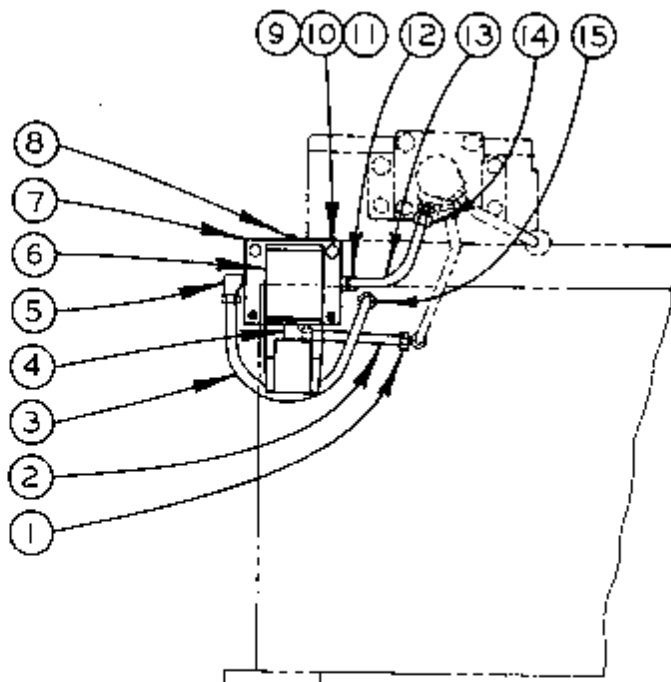


MODEL FIRST MACH. LAST MACH.
 C-69 155-671061 155-721269
 C-70 156-672050 156-732648

OUTBOARD VISE WITH NESTING
 FIXTURE & STOCK TRAY ASSEMBLY

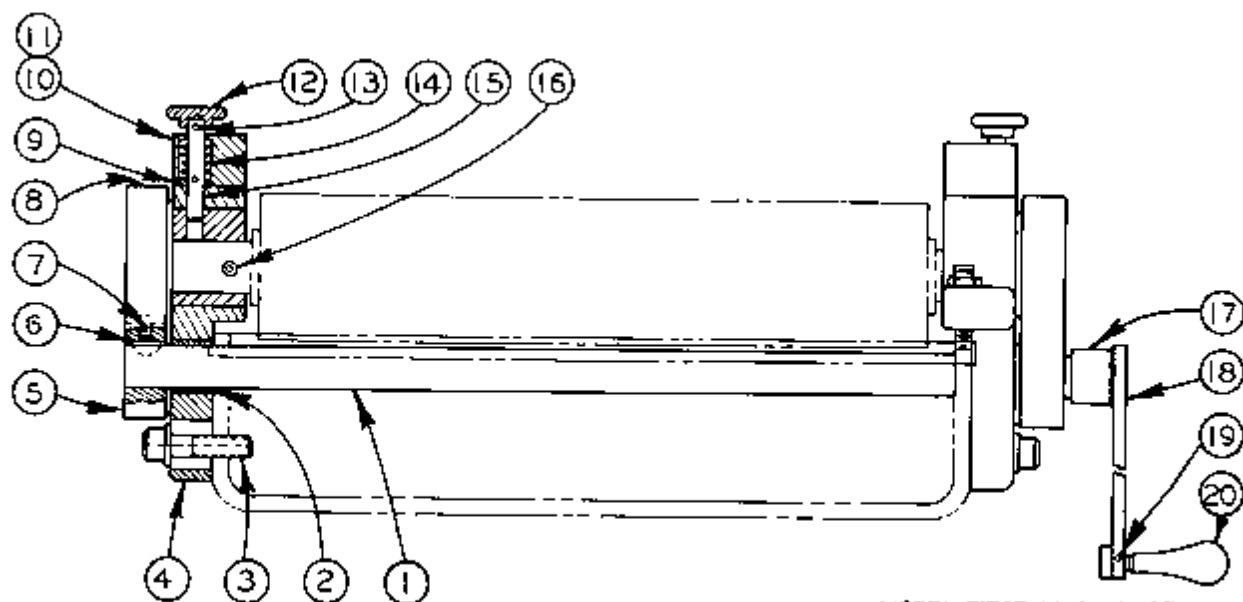
OUTBOARD VISE WITH NESTING
FIXTURE & STOCK TRAY ASSEMBLY
(Continued)

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	56103	Outboard Vise with Nesting Fixture & Stock Tray Assembly	
1	14-473	. Dowel Pin.	2
2	47190	. Bracket Weldment	2
3	Comm.	. Screw, Soc. Hd. Cap, 3/8-16NC x 1-3/4" .	4
4	5150	. Washer, Lock	4
5	10517	. Dowel Pin.	2
6	Comm.	. Screw, Soc. Hd. Set, 3/8-16NC x 1" . . .	2
7	Comm.	. Screw, Soc. Hd. Cap, 1/2-13NC x 2" . . .	2
8	47191	. Leg Weldment	1
9	47193	. Tray Weldment.	1
10	12420	. Pad.	4
11	Comm.	. Screw, Hex. Hd. Cap, 1"-8NC x 2" . . .	4
12	55619	. Support Sub-Assembly	1
13	Comm.	. Screw, Hex. Hd. Cap, 1/2-13NC x 1-1/2" . .	4
14	Comm.	. Washer, Lock, 1/2" Std.	38
15	Comm.	. Nut, Hex., 1/2-13NC Std.	4



NEW DRG
DEL 5-23-68
REVISIONS
SCL H-27-73

REMOTE VISE CONTROL ATTACHMENT ASSEMBLY



MODEL FIRST MACH. LAST MACH.
C-69 155-671061 155-721269

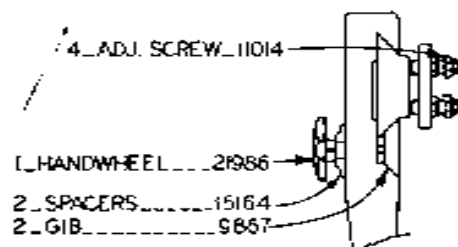
ROLLER ADJUSTING ASSEMBLY

PS-9-66

PRINTED IN U.S.A.

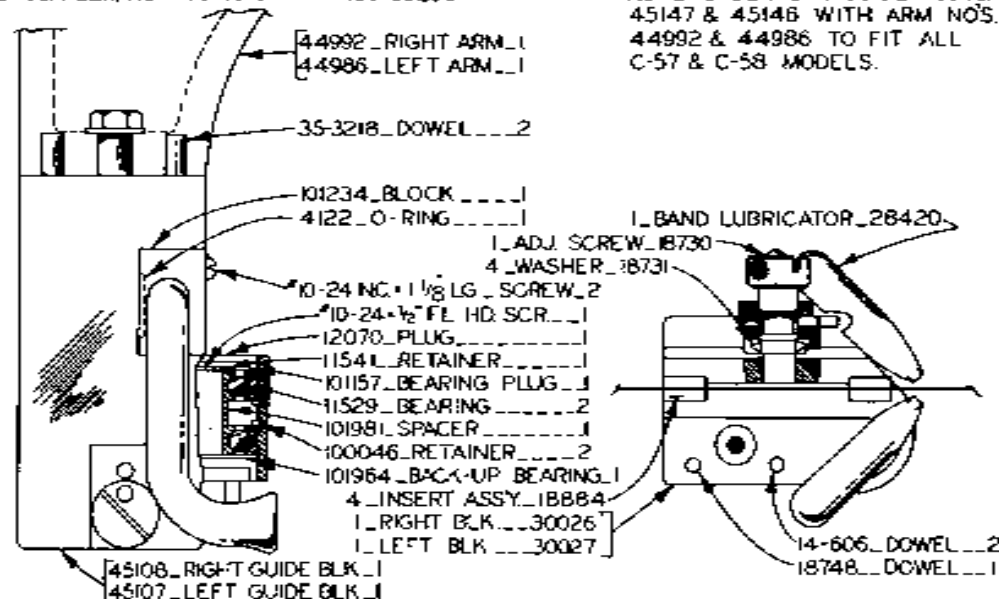
INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref. ,	48157	Remote Vise Control Attachment Assembly	
1	113615	. Male Run Tee.	1
2	Stk.#211	. Nylon Tubing 3/8 O.D.	1
3	Stk.#211	. Nylon Tubing 3/8 O.D.	1
4	113585	. 90° Male Elbow.	1
5	14786	. 90° Male Elbow.	1
6	51067	. Sol. Valve Assembly	1
7	47600	. Sub Plate	1
8	5672	. Pipe Plug	1
9	Comm.	. Screw, Hex. Hd. Cap, 3/8-16NC x 2- $\frac{1}{8}$ "	2
10	Comm.	. Nut, Hex., 3/8-16NC	2
11	Comm.	. Washer, Lock, 3/8 Std.	2
12	14786	. 90° Male Elbow.	1
13	Stk.#211	. Nylon Tubing, 3/8 O.D.	1
14	35-3521	. Male Connector.	1
15	2695	. Female Connector.	1
Ref.	54317	Roller Adjusting Assembly	
1	17990	. Shaft	1
2	35-9561	. Bearing	2
3	Comm.	. Screw, Soc. Hd. Cap, $\frac{1}{2}$ -13NC x 2"	2
4	45030	. Bracket	2
5	17989	. Gear.	2
6	10312	. Woodruff Key.	2
7	Comm.	. Screw, Soc. Hd. Set, $\frac{1}{4}$ -20NC x $\frac{1}{2}$ "	2
8	27968	. Eccentric Gear.	2
9	17993	. Collar.	2
10	27967	. Stop.	2
11	Comm.	. Screw, Soc. Hd. Cap, 5/16-18NC x 1- $\frac{1}{4}$ "	4
12	13224	. Pull Knob	2
13	4229	. Roll Pin.	4
14	17992	. Spring.	2
15	17991	. Pin	2
16	4280	. Roll Pin.	2
17	4274	. Roll Pin.	1
18	27970	. Handle Weldment	1
19	4243	. Roll Pin.	1
20	34-01501	. Handle.	1

NOTE: HANDWHEEL ASSY. 21986
FITS ALL POWER SAW.



ASSY 45147 & 45146 FIT FROM SER. NO'S.
C-67 SER. NO. 155-60126 TO 155-61300
C-68 SER. NO. 156-60147 TO 156-60412
C-167A SER. NO. 173-60101 TO 173-60200
C-168A SER. NO. 160-60101 TO 160-60200

NOTE: ORDER SAW GUIDE ASSYS.
45147 & 45146 WITH ARM NO'S.
44992 & 44986 TO FIT ALL
C-57 & C-58 MODELS.



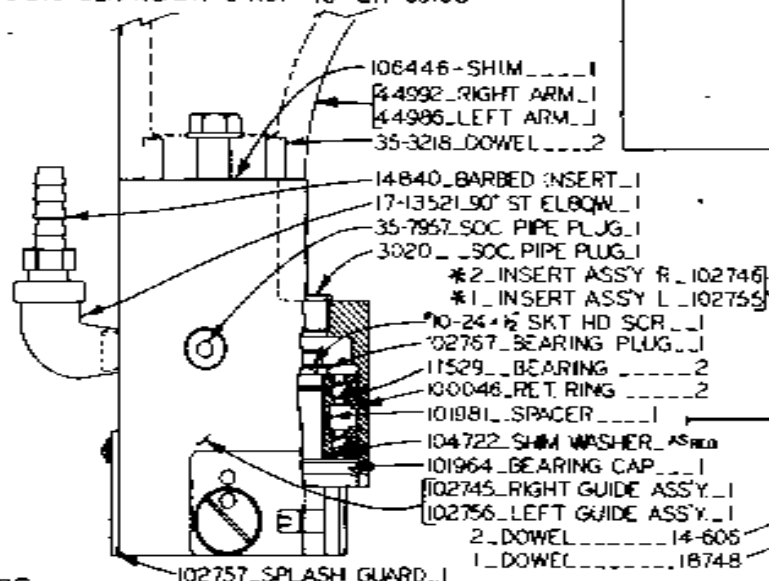
45147 RIGHT SAW GUIDE ASSY
45146 LEFT SAW GUIDE ASSY.

NOTE: ORDER SAW GUIDE ASSYS. 46093
& 46096 WITH ARM ASSY *45994
& 45995 TO FIT AS AN ATTACH
TO ALL C-12 MODELS.

NOTE: FOR COMPLETE ARM &
GUIDE ASSY ORDER PACKAGE
226. THIS WILL REPLACE THE
PRESENT GUIDES ON ANY POWER
SAW.

NOTE: PARTS NOT SHOWN:
35-847 SERVICE TEE
10896 PLASTIC HOSE
9955 TUBE CLAMP

ASSY 46093 & 46096 FIT FROM SER. NO'S.
C-69 SER. NO. 155-60400 TO 155-65926
C-70 SER. NO. 156-60600 TO 156-651526
C-169A SER. NO. 173-60300 TO 173-64551
C-170A SER. NO. 160-60300 TO 160-65543
C-12 SER. NO. 114-60671 TO 114-
C-270 SER. NO. 217-64101 TO 217-65108



*USE:

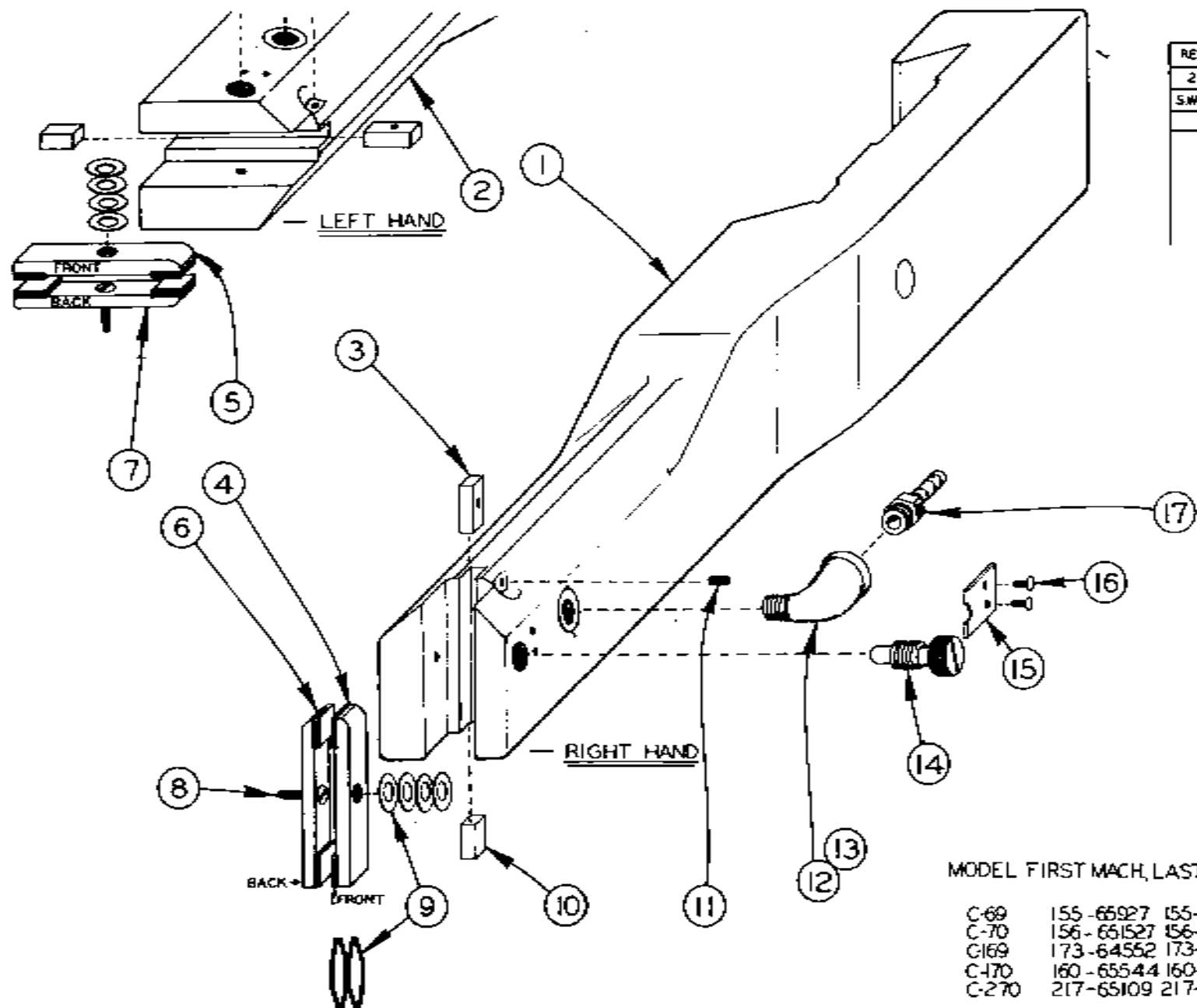
FOR 46093 R.H. SAW GUIDE
2- 102746 INSERTS
FOR 46096 L.H. SAW GUIDE
1- 102755 INSERT L. SIDE
1- 102752 INSERT R. SIDE

46093 RIGHT SAW GUIDE ASSY. INTERCHANGEABLE WITH 45147 ASSY.
46096 LEFT SAW GUIDE ASSY. INTERCHANGEABLE WITH 45146 ASSY.

POWER SAW
STANDARD SAW GUIDES

D-7 & 8

REVISIONS
2-20-68
S.W.B.-B-68



MODEL FIRST MACH, LAST MACH.

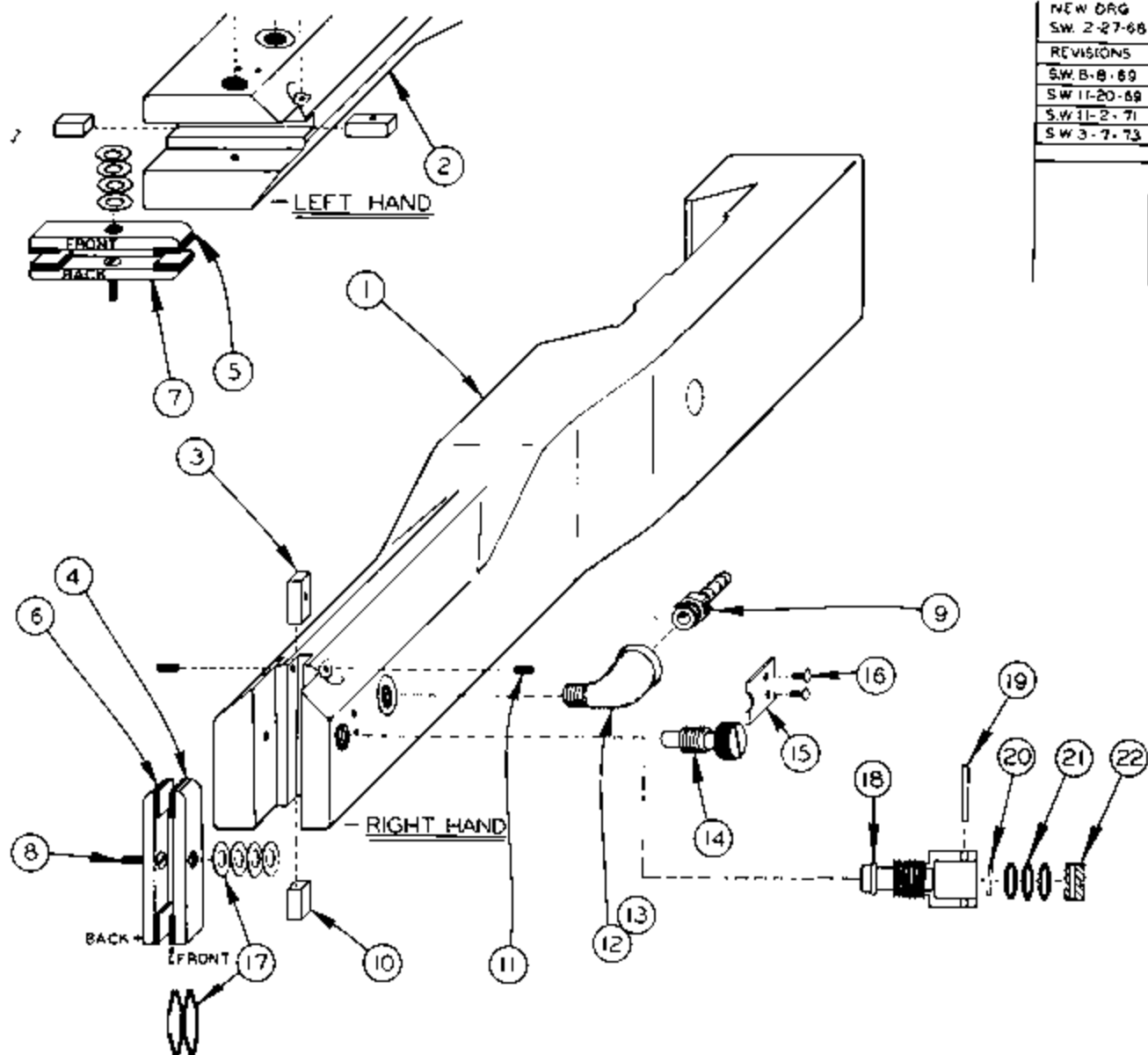
C-69	155-65927	155-671085
C-70	156-651527	156-682099
C169	173-64552	173-68575
C-170	160-65544	160-68574
C-270	217-65109	217-68131

SAW GUIDE ASSEMBLIES

SAW GUIDE ASS'Y

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	48518	Saw Guide Ass'y (Right hand)	
Ref.	48519	Saw Guide Ass'y (Left hand)	
1	57142	. Right Saw Guide Arm.	1
2	57143	. Left Saw Guide Arm	1
3	110671	. Backup Insert.	1
4	*110669	. Insert Ass'y (Right Front guide)	1
5	**102755	. Insert Ass'y (Left Front guide)	1
6	*110665	. Insert Ass'y (Right Back guide)	1
7	**110667	. Insert Ass'y (Left Back guide)	1
8	Comm.	. Flat Hd. Mach. Scr. 10-24NC x 3/4 Lg.	1
9	18731	. Belleville Washers.	4
10	101401	. Inserts.	1
11	Comm.	. Soc. Hd. Set Scr. Cone Point 10-24NC x 5/16 Lg	1
12	17-13521	. 90° St. Elbow 1/4 NPT	1
13	35-7957	. Soc. Pipe Plug.	1
14	110672	. Adjusting Screw	1
15	112178	. Stop.	1
16	Comm.	. Button Hd. Soc. Cap Scr. #10-24NC x 3/8 Lg	2
17	14840	. Barbed Insert	1

NEW DRG
SW 2-27-68
REVISIONS
SW B-8-69
SW 11-20-69
SW 11-2-71
SW 3-7-73



MODEL	FIRST MACH	LAST MACH.
C-12	114-681312	114-701384
C-69	155-68086	155-721269
C-70	156-682100	156-732848
C-169	173-68576	173-73582
C-170	180-68575	180-72802
C-270	217-68132	217-701386

SAW GUIDE ASSEMBLIES

SAW GUIDE ASSEMBLY

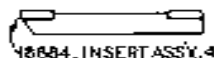
INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	400969	Saw Guide Assembly (Right Hand)	
Ref.	400970	Saw Guide Assembly (Left Hand)	
1	501348	. Right Saw Guide Arm	1
2	501241	. Left Saw Guide Arm	1
3	110671	. Backup insert	1
4	*110669	. Insert Assembly (Right Front Guide)	1
5	**102755	. Insert Assembly (Left Front Guide)	1
6	*110665	. Insert Assembly (Right Back Guide)	1
7	**110667	. Insert Assembly (Left Back Guide)	1
8	Comm.	. Screw, Flat Hd. Mach. #10-24NC x 3/4.	1
9	14840	. Barbed Insert	1
10	101401	. Insert	1
11	122187	. Screw, Soc. Hd. Set, Cone Pt. #10-24NC x 1/2.	2
12	17-13521	. 90° St. Elbow 1/4 NPT	1
13	35-7957	. Soc. Pipe Plug	1
14	110672	. Adjusting Screw Assembly	Select One
15	112178	. . Stop	1
16	Comm.	. . Screw, Button Hd. Soc. Cap #10-24NC x 3/8	2
17	18731	. . Washers, Belleville	4
18	124419	. Adjusting Screw Assembly	Select One
19	4217	. . Roll Pin	1
20	Comm.	. . Washer, Plain 7/16 OD. x 3/16 ID. x .049	1
21	104632	. . Washers, Belleville	6
22	124033	. . Plug	1

Following items not shown and used only on Left Saw Guide Assembly #400970:

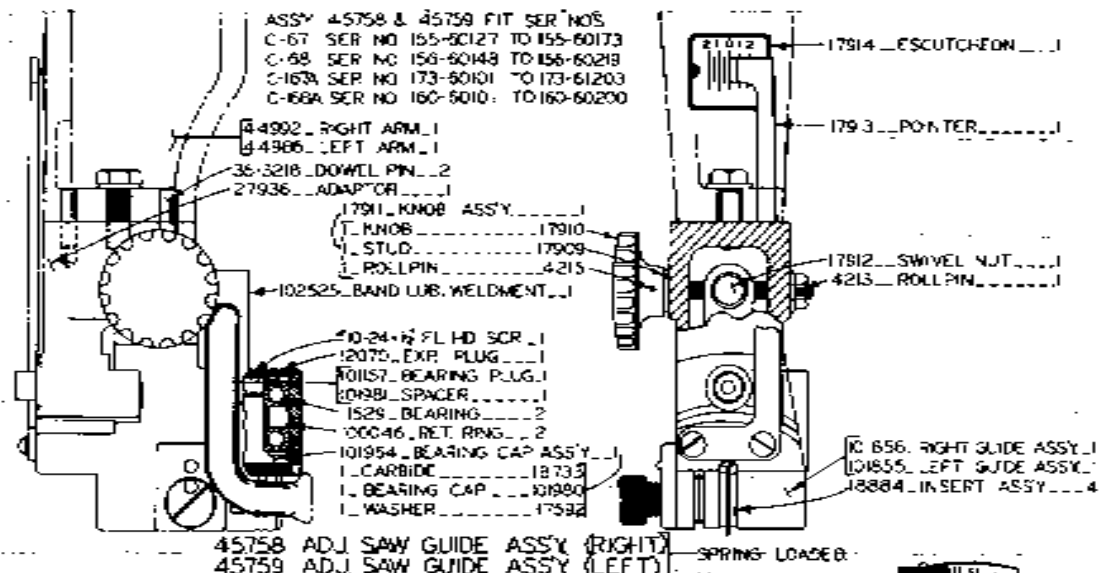
Comm.	. Screw, Rd. Hd. Drive #2 x 3/16 P.K. Type "U"	4
114906	. Escutcheon	1

* Note These are the Same Inserts as Supplied on Service Package #240.

NOTE NECESSARY TO REPLACE ARM IF CHANGING FROM STATIONARY TO ADJUSTABLE GUIDES ON ANY OF THE POWER SAW MODELS



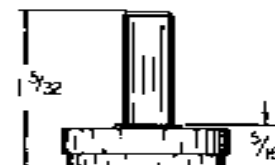
18884 INSERT ASSY. 4



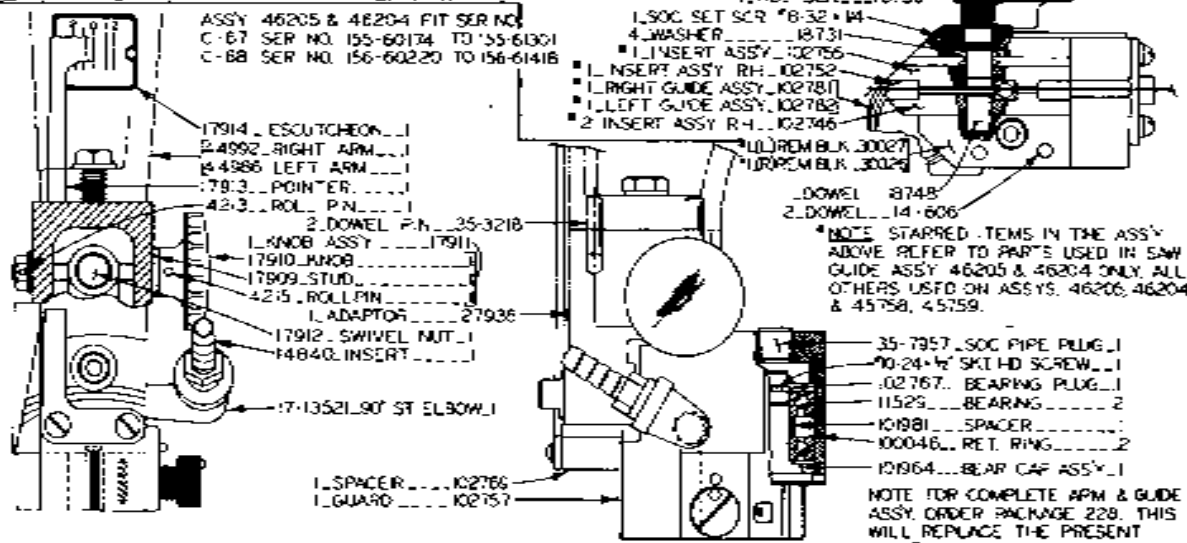
MODEL FIRST MACH. LAST MACH
C-69 155-60400 TO 55-61621
C-70 156-60600 TO 156-61871
C-169A 173-60300 TO 73-61509
C-170A 160-60300 TO 160-61502

CARBIDE INSERTS

FOR RH SAW GUIDE ASSY 46205
USE 2 INSERTS 102746
FOR LH SAW GUIDE ASSY 46204
USE 1 INSERT RH 102752
1 INSERT LH 102755



101964 BEARING CAP



1 ESCUTCHEON.....17914
 1 POINTER.....104315
 1 RIGHT ARM.....44992
 1 LEFT ARM.....44986

1 ESCUTCHEON.....104742
 1 SWIVEL NUT.....17912
 1 ROLL PIN.....4213
 1 BARBED INSERT.....14840
 1 WASHER.....104347

2 ROLL PIN.....4251

1 SPACER.....102769
 2 90°E 30°W.....1713521
 1 GUARD.....104299

CARBIDE INSERTS

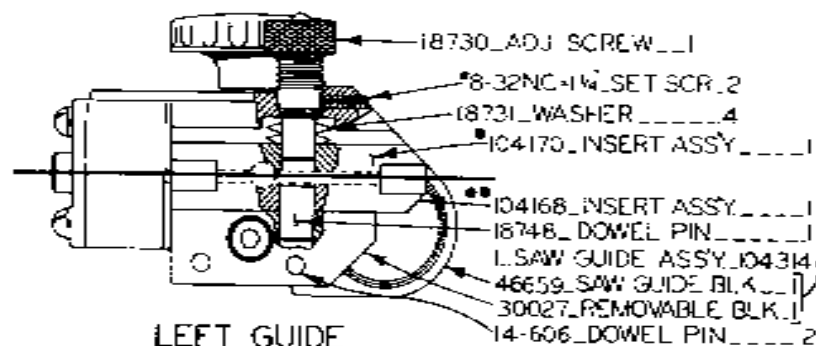
FOR RH SAW GUIDE ASSY 46606
 USE

• 1 OUTSIDE INSERT.....104172
 • 1 INSIDE INSERT.....104174

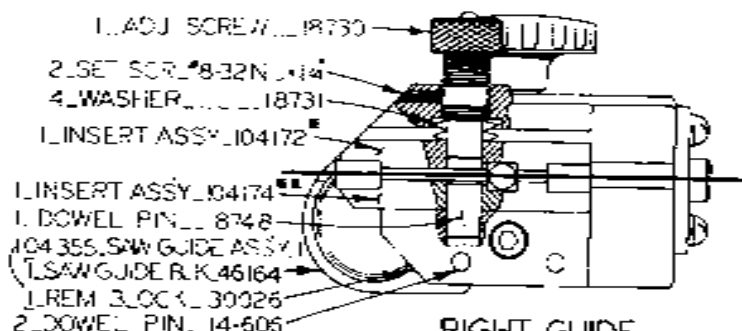
FOR LH SAW GUIDE ASSY 46605
 USE

• 1 OUTSIDE INSERT.....104170
 • 1 INSIDE INSERT.....104168

353218 DOWEL PIN.....2
 27936 ADAPTER.....1
 17911 KNOB ASSY.....1
 1 KNOB.....17913
 1 STUD.....17909
 1 ROLL PIN.....4215
 3020 SDC PIPE PLUG.....1
 102767 BEARING PLUG.....1
 1 0.981 SPACER.....1
 1 1529 BEARING.....2
 1 10-24 1/2 SGT HD CAP SCR.....1
 1 100046 RET RING.....2
 1 104722 SHIM.....1
 1 101664 BEARING CAP ASSY.....1
 1 CARBIDE.....18733
 1 BEARING CAP.....101980
 1 WASHER.....17592



LEFT GUIDE



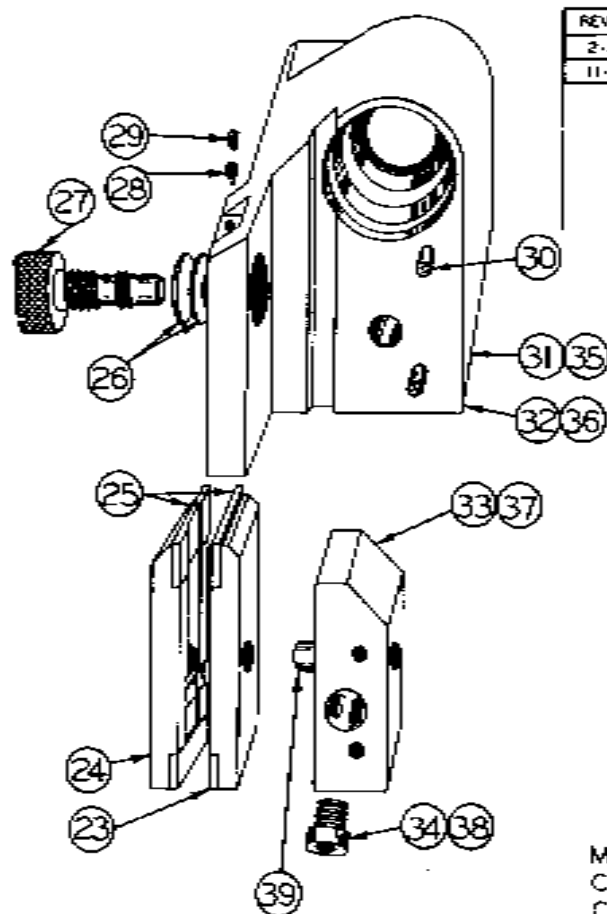
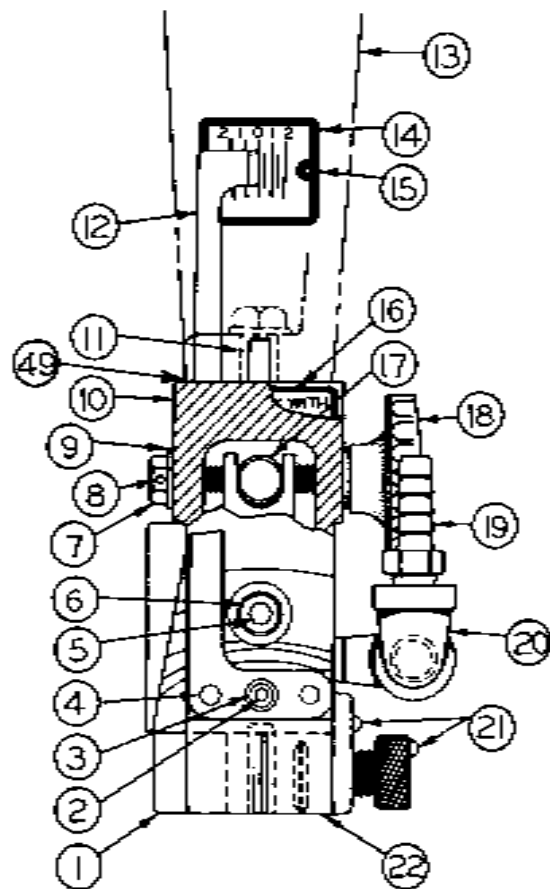
RIGHT GUIDE

NOTE: ASSEMBLIES 46606 & 46605
 DO NOT INCLUDE SAW GUIDE
 ARMS.

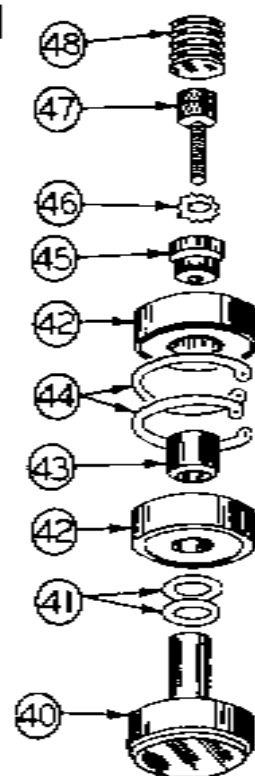
46606 ADJ SAW GUIDE ASSY (RIGHT)
 46605 ADJ SAW GUIDE ASSY (LEFT)

POWER SAW
 ADJ SAW GUIDE ASSEMBLY

MODEL FIRST MACH LAST MACH
 C-6STC 155-61600 155-61621
 C-70TC 156-61800 155-61871



REV'S	QMS
2-20-68	
11-20-66	



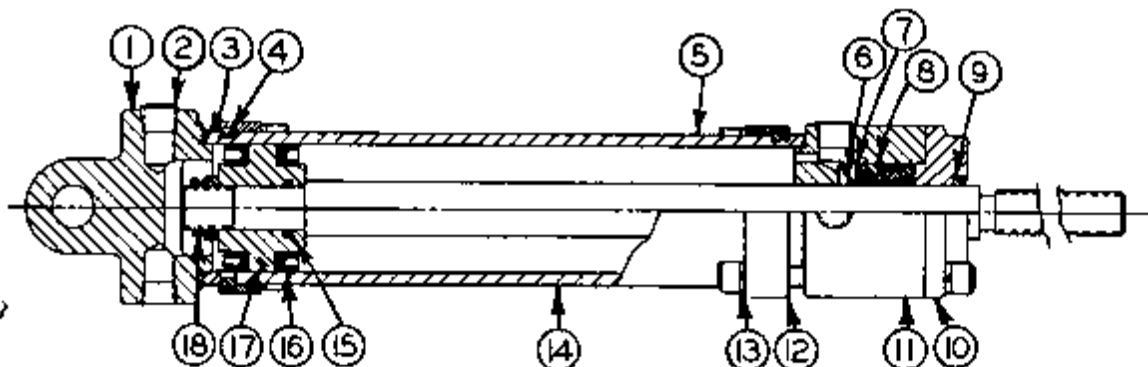
ADJ. SAW GUIDE ASS'Y.

MODEL	FIRST MACH	LAST MACH
C-12	114-51819	174-68131
C-69	155-61622	155-67085
C-70	156-61872	56-682099
C-69TC	155-61622	155-671085
C-70TC	156-61872	156-682099
C-169	173-61510	173-68575
C-47C	160-61503	160-68574
C-270	217-64101	217-68131

ARM & ADJ. SAW GUIDE ASSEMBLY

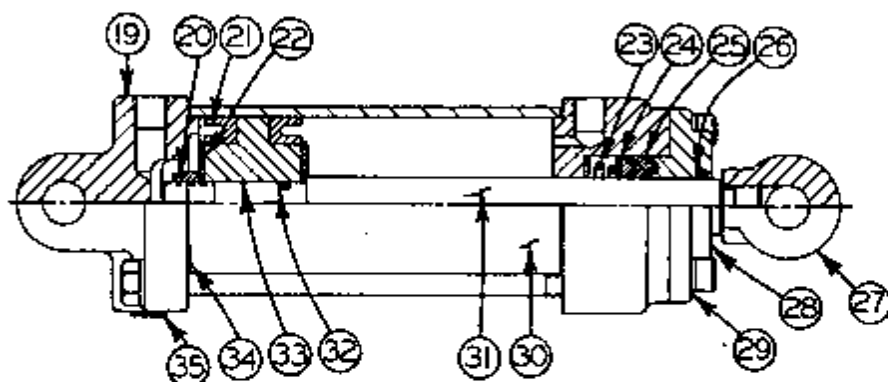
INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y	INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y
	45997	Arm & Adj. Saw Guide Assembly (right).....	1		104168	Inside Insert Ass'y(46605 Ass'y only).....	1
	45996	Arm & Adj. Saw Guide Assembly (left).....	1	24	102752	Right Hand Insert Assembly (46204 Ass'y only).....	1
1	46205	1" Adj. Saw Guide Assembly (right).....	1		104172	Outside Insert Ass'y(46606 Ass'y only).....	1
	46204	1" Adj. Saw Guide Assembly (left).....	1		104170	Outside Insert Ass'y(46605 Ass'y only).....	1
	46606	1-1/4 Adj. Saw Guide Assembly (right) for TC.....	1	25	102746	Insert Assembly(46205 Ass'y only)	2
	46605	1-1/4 Adj. Saw Guide Assembly (left) Models.....	1	26	18731	Belleville Washer.....	4
2	Comm.	Skt. Hd. Cap Scr. #10-24NC x 3/4.....	1	27	18730	Adjusting Screw.....	1
3	Comm.	Washer, Lock #10 Std.....	1	28	Comm.	Soc. Hd. Set Scr. #8-32NC x 1/4.....	1
4	4251	Rollpin.....	1	29	Comm.	Soc. Hd. Set Scr. #8-32NC x 1/4 Oval.....	1
5	Comm.	Soc. Hd. Cap Scr. 5/16-18NC x 2.....	1	30	14-606	Dowel Pin.....	2
6	104347	Washer 1/8 x 11/32 ID.....	1	31	104314	Saw Guide Assembly(left).....	1
7	Comm.	Jam Nut 1/4-20NC.....	1	32	46659	Saw Guide Block (left).....	1
8	4213	Rollpin.....	1	33	30027	Removable Block (left).....	1
9	Comm.	Washer 1/4 Std.....	1	34	Comm.	Soc. Hd. Cap Scr. 5/16-18 NC x 3/4.....	1
10	27936	Adaptor.....	1	35	104355	Saw Guide Assembly(right).....	1
11	35-3218	Dowel Pin.....	2	36	46164	Saw Guide Block (right).....	1
12	104315	Pointer.....	1	37	30026	Removable Block (right).....	1
13	44992	Right Arm.....	1	38	Comm.	Soc. Hd. Cap Scr. 5/16-18 NC x 3/4.....	1
	44986	Left Arm.....	1	39	18748	Dowel Pin.....	1
14	17914	Escutcheon.....	1	40	101964	Bearing Cap.....	1
15	Comm.	Rd. Hd. Drive Screw #2 x 3/16 type "U".....	4	41	104722	Shim Washer.....	A.R.
16	104742	Escutcheon(TC Models Only)	1	42	11529	Bearing.....	2
17	17912	Swivel Nut.....	1	43	101981	Spacer.....	1
18	17911	Knob Sub-Assembly.....	1	44	100046	Retaining Ring.....	2
	17910	Knob.....	1	45	102767	Bearing Ring.....	1
	17909	Stud.....	1	46	Comm.	Shake Proof Washer Type II,	1
	4215	Rollpin.....	1	47	Comm.	Soc. Hd. Cap Scr. #10-24NC x 1/2.....	1
19	14840	Barbed Insert.....	1	48	3020	Soc. Pipe Plug.....	1
20	17-13521	90° St. Elbow.....	2	49	106446	Shim.....	1
	105053	Str. Elbow(C-169 & 170 only)	2			Not Shown	
21	Comm.	Drive Scr. #4 x 3/16.....	2		35-847	Service Tee.....	1
22	104299	Splash Guard.....	1		10896	Plastic Tube.....	1
23	102755	Left Hand Insert Assembly(46204 Ass'y only).....	1		9955	Tube Clamp.....	1
	104174	Inside Insert Ass'y (46606 Ass'y only).....	1				

NOTE: For complete arm & guide assembly order package #228 spring loaded tilting saw guides.



#27570
SPEED CHANGE CYLINDER ASSEMBLY

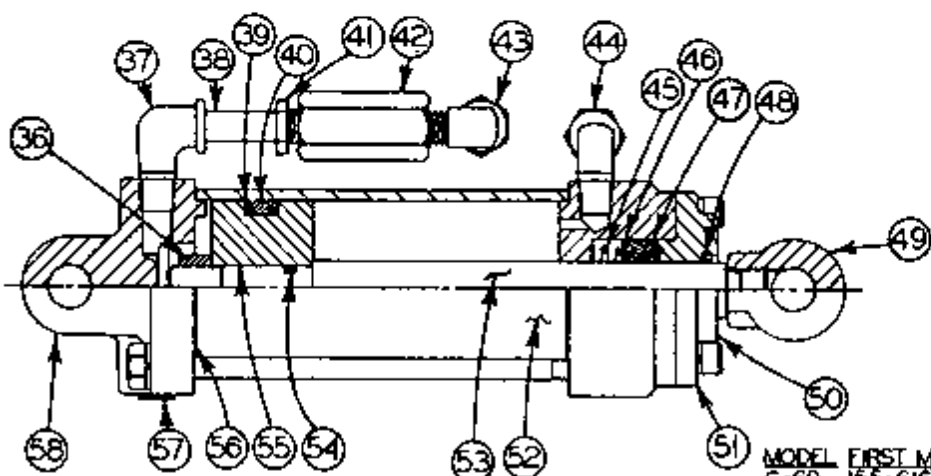
MODEL	FIRST MACH	LAST MACH
C-67	155-59101	155-61301
C-68	156-59101	156-61418
C-167	173-60101	173-60201
C-168	160-60101	160-60200



#30190
SPEED CHANGE CYLINDER ASSEMBLY

MODEL	FIRST MACH	LAST MACH
C-69	155-60400	155-61614
C-70	156-60600	156-61850
C-169	173-60300	173-61503
C-170	160-60300	160-61502

REVISIONS
5, C-1, 2, 25, 34

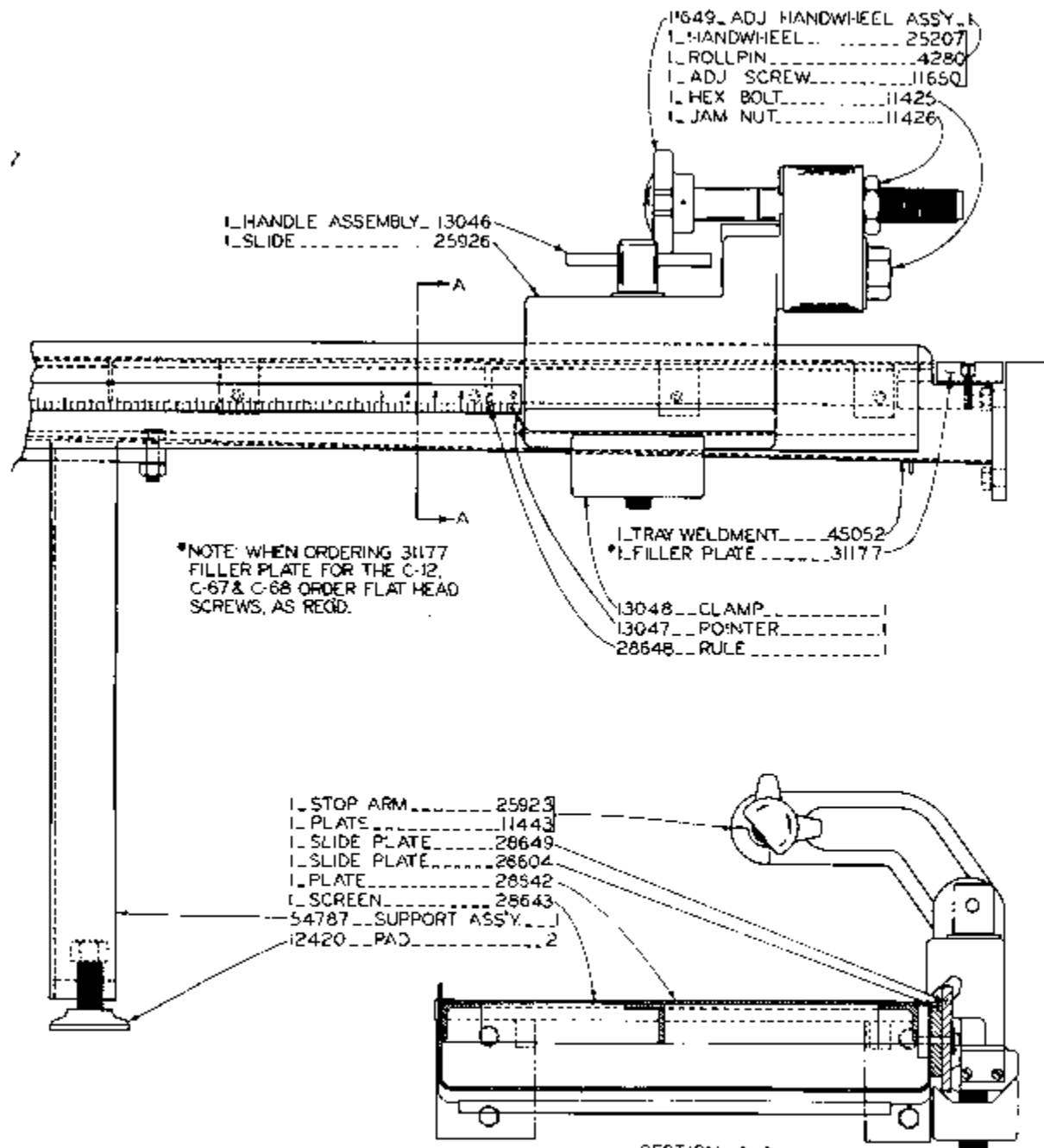


#30190
SPEED CHANGE CYLINDER ASSEMBLY

MODEL	FIRST MACH	LAST MACH
C-69	155-61615	155-721269
C-70	156-61851	156-732648
C-169	173-61504	173-72582
C-170	160-61502	160-72602
C-270	217-64101	217-70139
C-9V	296-70101	296-76325
C-94W	297-70101	297-76194

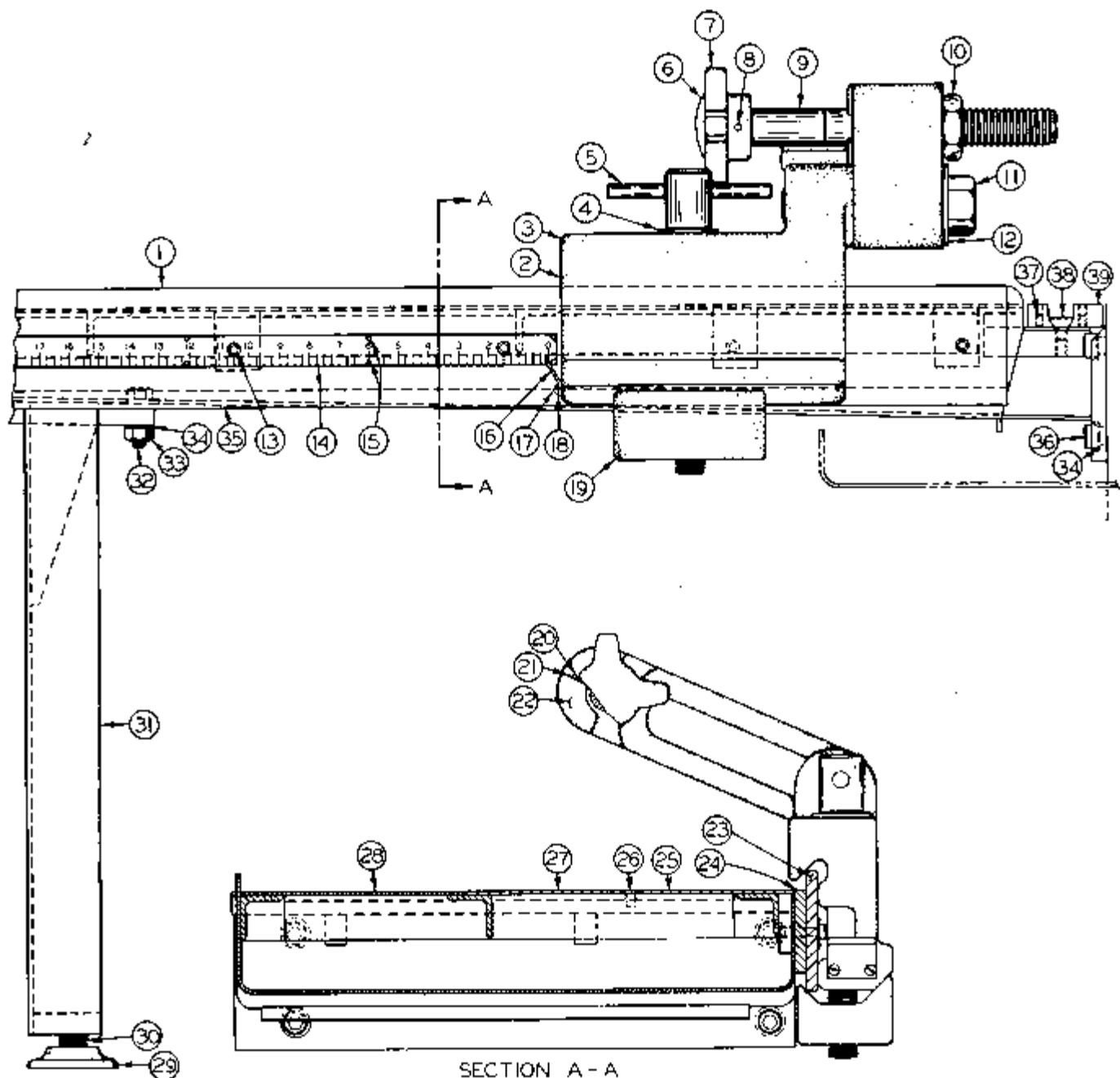
SPEED CHANGE CYLINDERS

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	27570	Speed Change Cylinder Assembly	
1	26117	Backhead	1
2	14-115158	Skt. Pipe Plug	2
3	35-463A	Cylinder Gasket	2
4	35-466	Snap Ring	4
5	16695	Cylinder	1
6	12720	Spring	1
7	12968	Backup Washer	1
8	12745	V-Packing	1
9	7069	Scraper Ring	1
10	13402	End Cap	1
11	26116	Front Head	1
12	35-465	Cylinder Collar	2
13	3559	Washer-Lock	12
14	27734	Piston Rod	1
15	35-8727	"O"-Ring	1
16	12743	"U"-Cup	2
17	12341	Piston	1
18	12776	Self-Locknut	1
Ref.	30190	Speed Change Cylinder Assembly	
19	30192	End Cap	1
20	12776	Lock Nut	1
21	103404	"U"-Cup	2
22	103176	Washer	2
23	103173	Spring	1
24	17454	Backup Washer	1
25	103174	"V"-Packing	1
26	7069	Scraper Ring	1
27	17456	Rod End	1
28	103175	End Cap	1
29	30191	Cylinder Head	1
30	17441	Cylinder	1
31	17339	Rod	1
32	35-9176	"O"-Ring	1
33	103172	Piston	1
34	35-8915	Gasket	2
35	14-115158	Pipe Plug	1
Ref.	30190	Speed Change Cylinder Ass'y.	
36	12776	Self-Locknut	1
37	5-04520	St. Elbow	1
38	14-605	Long Nipple	1
39	8983	Backup Ring	2
40	35-8873	"O"-Ring	1
41	35-2456	Reducer Bushing	1
42	8084-6	Orifice	1
43	12086	90° Male Elbow	1
44	14-115194	90° Male Elbow	1
45	103173	Spring	1
46	17454	Backup Washer	1
47	109884	Homo. Chevron Packing Ring	2
	109883	Fab. Chevron Packing Ring	1
	108986	Shim	AR
48	7069	Scraper Ring	1
49	17456	Rod End	1
50	103175	End Cap	1
51	30191	Cylinder Head	1
52	17441	Cylinder	1
53	17339	Rod	1
54	35-9176	"O"-Ring	1
55	104475	Piston	1
56	35-8915	Gasket	2
57	14-115158	Pipe Plug	1
58	30192	End Cap	1



STOCK AND WORK STOP TRAY

MODEL	FIRST MACH	LAST MACH
C-12	114-56101	114-61822
C-67	155-59101	155-6130
C-68	155-59101	155-60412
C-69	155-60400	155-61622
C-70	56-60600	156-61873
C-69 TC	155-6 600	155-61625
C-70 TC	156-6 800	156-61875



SECTION A - A

STOCK RECEIVING TRAY
AND
WORK STOP

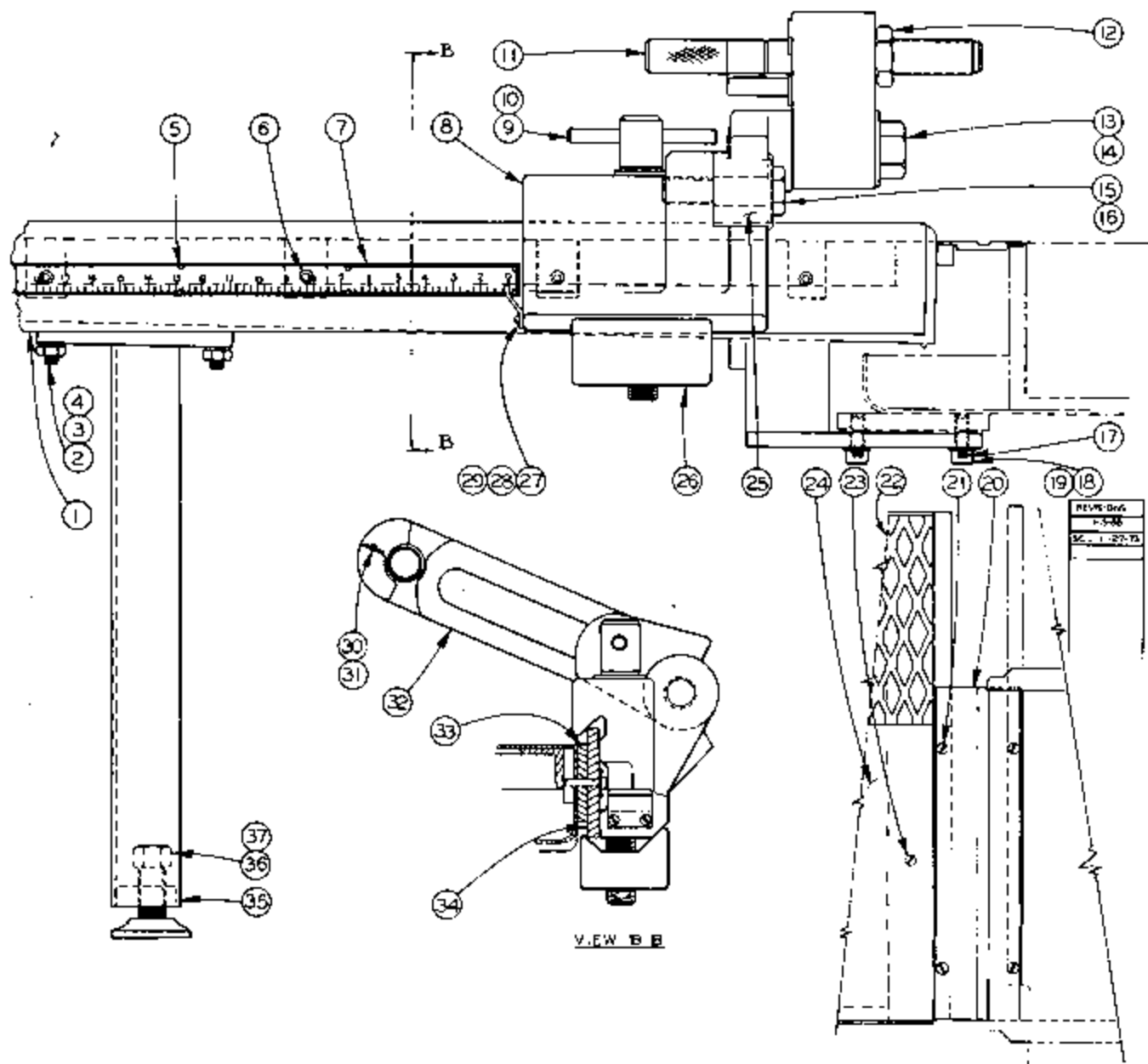
MODEL	FIRST MACH	LAST MACH
C-12	114-61823	114-61099
C-69	155-61623	155-63789
C-70	156-61874	156-631199
C-69TC	155-61626	155-63786
C-70TC	156-61876	156-631199
C-6	207-62101	207-64690

STOCK RECEIVING TRAY

CODE NO.

UNITS PER
ASS'Y.

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
1	55874	48" Stock Tray with Workstop (C-12)	1
	55888	48" Stock Tray with Workstop (C-69)	1
	55875	24" Stock Tray with Workstop (C-12, C-69 & C-70)	1
	55287	48" Stock Tray with Workstop (C-6)	1
2	55840	Workstop Ass'y.	1
3	46933	Slide	1
	25926	Slide (used before ser. no. C-6-207-62256, C-12-114-621043, C-69-155-62697, & C-70-156-621044)	1
4	Comm	Washer	1
5	13046	Handle Sub Ass'y.	1
6	11649	Adj. Handwheel Ass'y. (used before ser. no. C-6-207-62256, C-12-114-621043, C-69-155-62697 & C-70-156-621044)	1
7	25207	Handwheel	1
8	4280	Rollpin	1
9	11650	Adjustable Screw	1
	106303	Adjustable Screw (used after ser. no. C-6-207-62255, C-12-114-621042, C-69-155-62696 & C-70-156-621043)	1
10	11426	Jam Nut	1
11	11425	Hex Bolt	1
12	Comm	Washer 1 1/2" STD.	1
13	Comm	Soc. Hd. Mach. Scr. 5/16- 18 NC x 1 1/4	6
14	28648	Rule (48" Stk. Tray)	1
	30612	18" Rule (24" Stk. Tray)	1
15	Comm	Rd. Hd. Self Tap Scr. P & K type F #6-32NCx 1/4 10	10
16	13047	Pointer (48" Stk. Tray)	1
	106307	Pointer (24" Stk. Tray)	1
17	Comm	Rd. Hd. Mach. Scr. 10-24 NC x 3/8	2
18	Comm	Lockwasher #10 STD.	2
19	13048	Clamp	1
20	Comm	Rd. Hd. Self tap scr. Type F #6-32 NC x 3/8	2
21	11443	Plate	1
22	25104	Stop Arm	1
23	28649	Slide Plate (48" Stk. Tray)	1
	31394	Slide Plate (24" Stk. Tray)	1
24	26604	Slide Plate (48" Stk. Tray)	1
	31393	Slide Plate (24" Stk. Tray)	1
	46932	Hinge (not shown)	1
	105477	Spacer Washer (not shown)	1
	105430	Hex. Hd. Bolt (not shown)	1
25	55839	Flush Stk. Tray Ass'y. (C-69 & C-70)	1
26	Comm	FM, HD, Mach. Scr. 1/4-20 NC x 5/8	4
27	28642	Plate (48" Stk. Tray)	1
	30614	Plate (24" Stk. Tray)	1
28	28643	Screen (48" Stk. Tray)	1
	30613	Screen (24" Stk. Tray)	1
29	12420	Pad	2
30	Comm	Hex Hd. Cap Scr. 1"-8 NC x 2	2
31	55819	Support Ass'y. (48" Stk. Tray C-6, C-69 & 70)	1
	54787	Support Ass'y. (C-12)	1
32	Comm	Hex Hd. Cap Scr. 1/2-13 NC x 1 1/2	4
33	Comm	Hex Nut 1/2 - 13 NC STD.	4
34	Comm	Lockwasher 1/2" STD.	8
35	46845	Tray Weldment (48" Stk. Tray)	1
	46872	Tray Weldment (24" Stk. Tray)	1
36	Comm	Soc. Hd. Cap Scr. 1/2-13 NC x 1 1/4	4
37	Comm	Soc. Hd. Set Scr. 1/4-20 NC x 1/2	4
38	Comm	Flt. Hd. Soc. Cap Scr. 3/8-16 NC x 3/4	2
39	31177	Filler Plate	1
	31731	Filler Plate (use after serial no. C-69-155-62641 & C-70 156-62907).	1
	31464	Filler Bar (C-6)	1



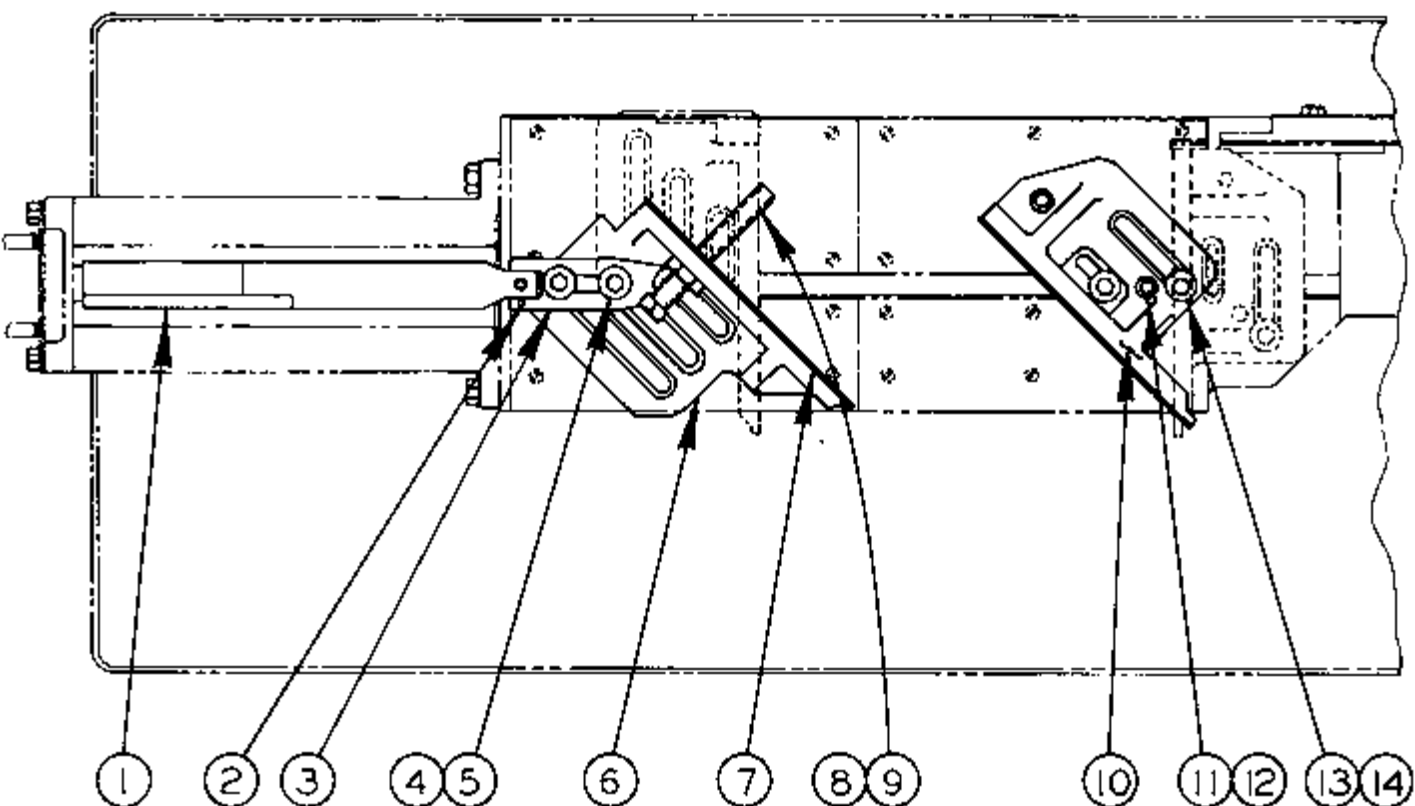
STOCK TRAY
WITH WORK STOP

MODEL FIRST MACH. LAST MACH

C12	114-631130	114-701388
C69	155-63800	155-721269

STOCK RECEIVING TRAY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	56214	24 Inch. Stock Tray with Workstop (C-12)	
Ref.	56203	48 Inch. Stock Tray with Workstop (C-12)	
Ref.	56099	48 Inch. Stock Tray with Workstop (C-69)	
1	47203	. Tray Weldment (48 Inches)	1
	47321	. Tray Weldment (24 Inches)	1
2	Comm.	. Hex. Hd. Cap Scr. 5-13NC x 1½"	4
3	Comm.	. Lockwasher ½ Std.	8
4	Comm.	. Hex Nut 5-13NC	4
5	Comm.	. Rd. Hd. Self Tap Scr. #6-32NC x ½"	10
6	Comm.	. Soc. Hd. Cap Scr. 5/16-18NC x 1½"	6
7	32302	. 48" Rule (C-12)	1
	28648	. 48" Rule (C-69)	1
	32355	. 24" Rule (C-12)	1
	32303	. 48" Metric Rule	1
8	46933	. Slide	1
9	13046	. Handle Sub-Ass'y	1
10	Comm.	. Washer 1" Std.	1
11	106303	. Adj. Screw	1
12	11426	. Jam Nut	1
13	11425	. Hex Bolt	1
14	Comm.	. Washer 1½ Std.	1
15	105430	. Hex Hd. Bolt	1
16	105447	. Spacer Washer	1
17	Comm.	. Soc. Hd. Set Scr. 3/8-16NC x 1"	4
18	Comm.	. Soc. Hd. Cap Scr. ½-13NC x 1½"	4
19	Comm.	. Washer ½ Std.	4
20	32289	. Filler Plate (C-12)	1
	32252	. Filler Plate (C-69)	1
21	Comm.	. Flat Hd. Mach. Scr. #10-24NC x ½"	6
22	32350	. Screen (24")	1
	32077	. Screen (48")	1
23	Comm.	. Flat Hd. Mach. Scr. ¼-20NC x 5/8"	4
24	32076	. Plate	1
25	46932	. Hinge	1
26	13048	. Clamp	1
27	106307	. Pointer (24")	1
	13047	. Pointer (48")	1
28	Comm.	. Lockwasher #10 Std	4
29	Comm.	. Rd. Hd. Mach Scr. #10-24NC x 3/8	2
30	11443	. Plate	1
31	Comm.	. Rd. Hd. Self Tap Scr. #6-32NC x 3/8	2
32	25104	. Stop Arm	1
33	32351	. Slide Plate (24")	1
	32079	. Slide Plate (48")	1
34	32352	. Slide Plate (24")	1
	32078	. Slide Plate (48")	1
35	54787	. Support Ass'y (24")	1
	55619	. Support Ass'y (48")	1
36	Comm.	. Hex. Hd. Cap Scr. #1-8NC x 2"	2
37	12420	. Pad	2
38	101267	. Lip (Used on C-69) (Not Shown)	1
39	Comm.	. Rd. Hd. Mach. Scr. #10-24NC x ½" (Not Shown)	2



MODEL FIRST MACH. LACH MACH.
C-69 155-60400 155-721269

SWIVEL VISE JAW ASSEMBLY

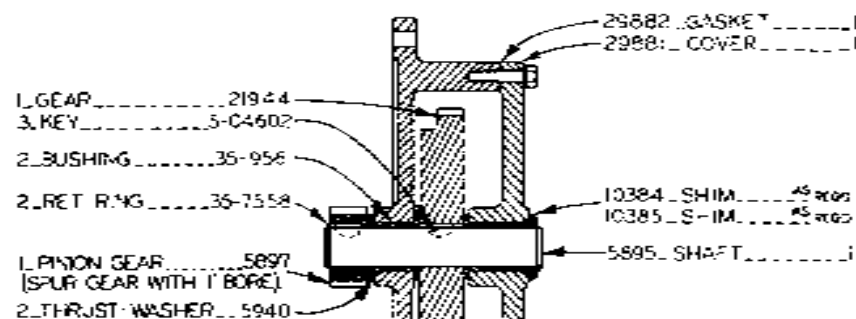
SWIVEL VISE JAW ASSEMBLY

INDEX NO.	PART NO.		UNITS PER ASS'Y
Ref.	59963	Swivel Vise Jaw Assembly	
1	27469	. Pawl 16" Capacity.	Use
	30651	. Pawl 18" Capacity.	
	27472	. Pawl 18" Capacity.	One
2	7007	. Pin.	1
3	23157	. Link	1
4	Comm.	. Screw, Hex. Hd. Cap 1/2-13NC x 2 3/4	3
5	100409	. T-Nut	3
6	46511	. Vise Jaw.	1
7	121101	. Wear Strip.	1
8	11681	. Screw, Sq. Hd. Set	1
9	Comm.	. Nut, Hex. Jam 3/4-10NC	1
10	46512	. Vise Jaw	1
11	11041	. Liner.	2
12	116664	. Dowel Pin	2
13	35-5828	. Washer.	5
14	7694	. T-Nut	2

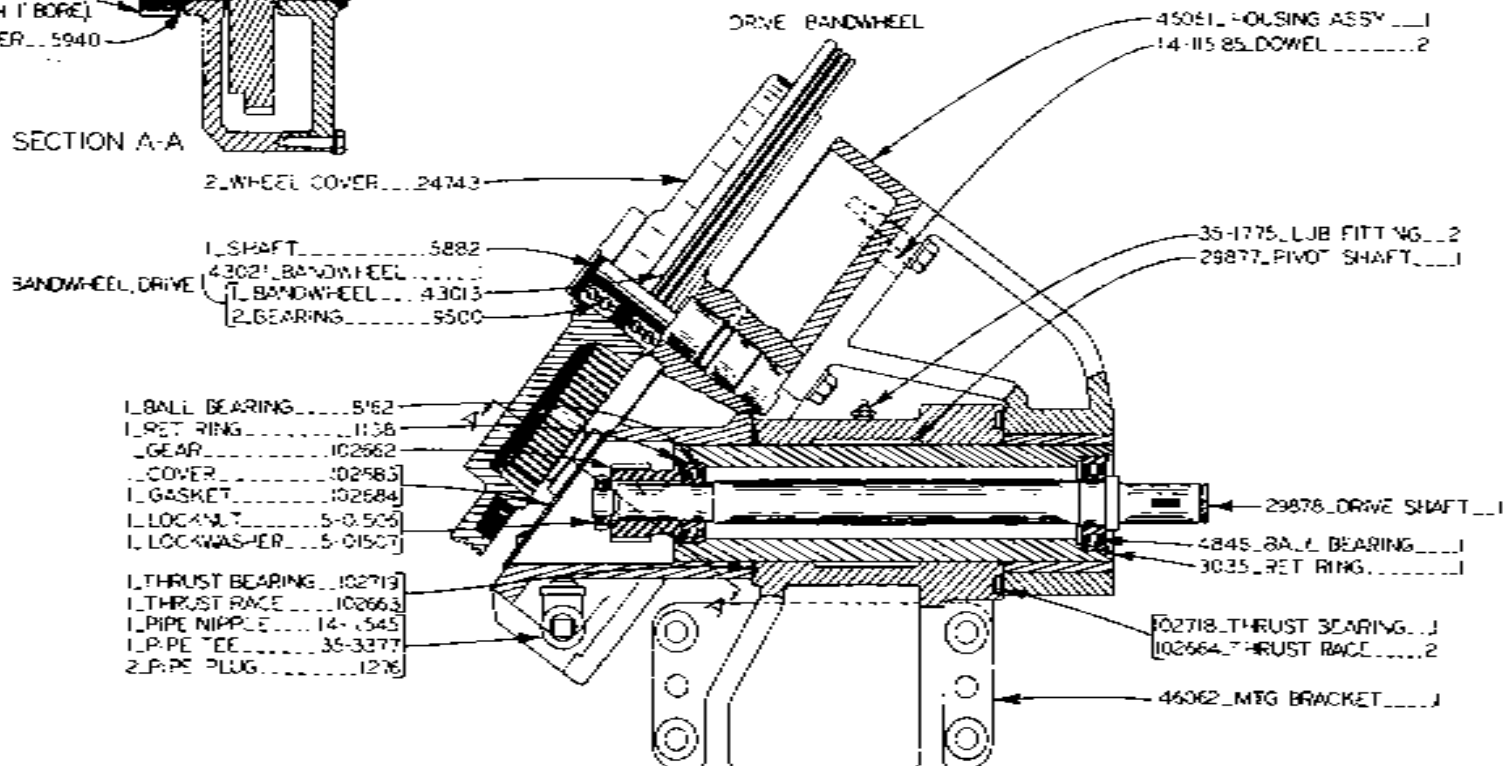
REVISIONS
501 10-11-71

NOT SHOWN

1 PIPE PLUG...5884

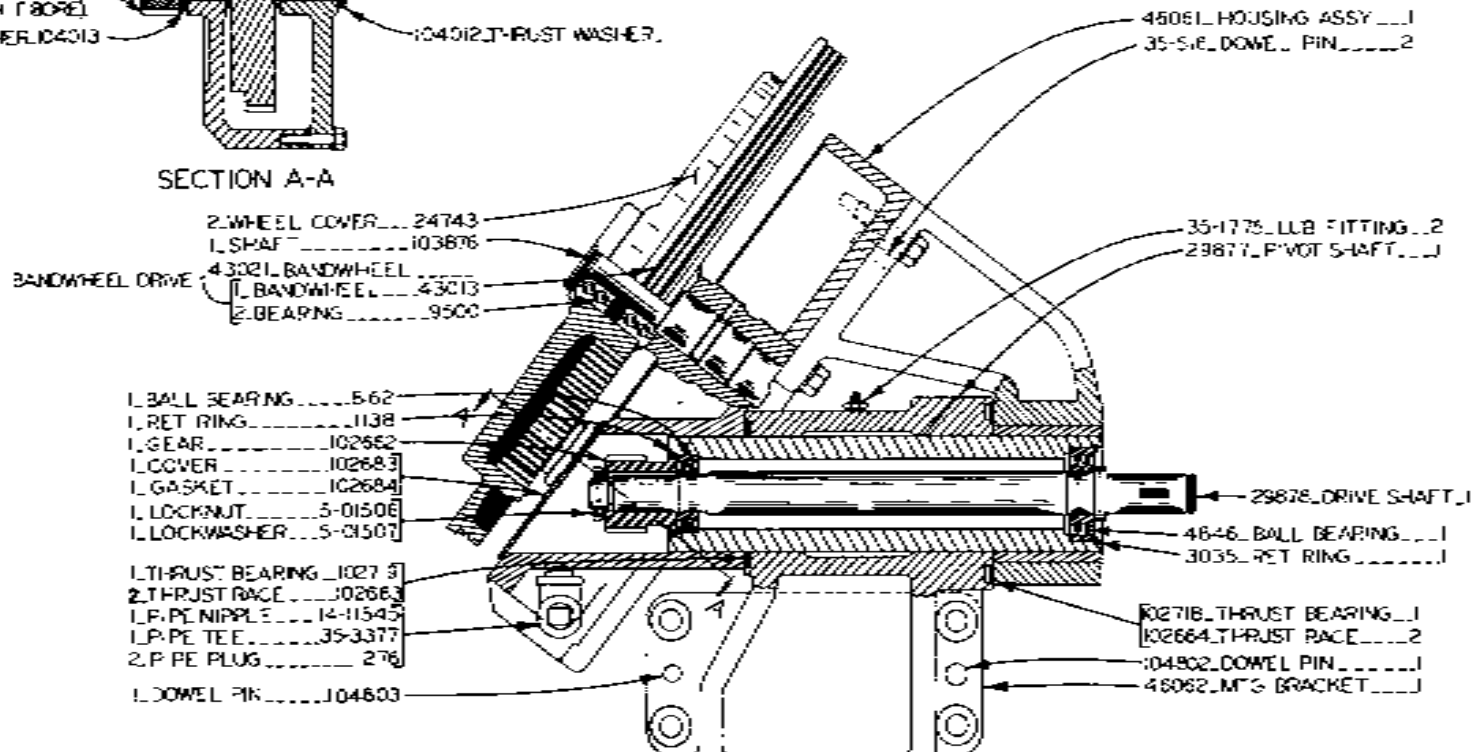
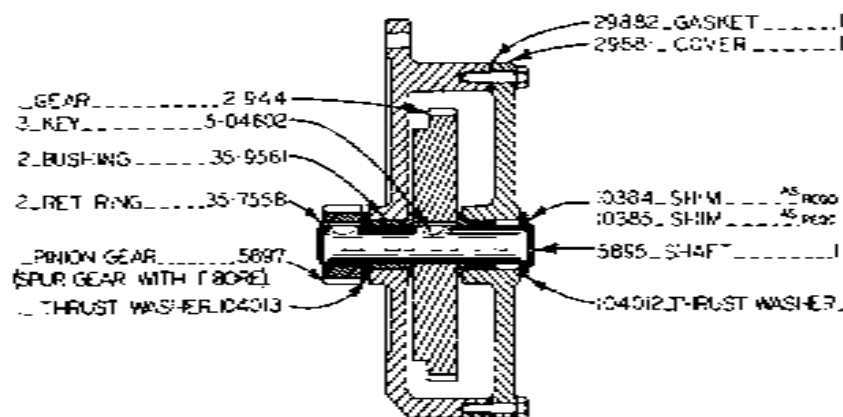


SECTION A-A



55235
POWER SAW
TRANSMISSION ASSEMBLY

MODEL	FIRST MACH	LAST MACH
C-69	155-60400	155-60599
C-70	156-60600	156-60799
C-169A	173-60300	173-60499
C-170A	160-60300	160-60499
C-67	155-61300	155-61301
C-68	156-60400	156-61418



REVISIONS
REV 4-10-69
SKL 101-72

NOT SHOWN

PIPE FLUG.....5884

NOTE: TO REPLACE COMPLETE TRANSMISSION ORDER TRANSMISSION ASSY *500038 AND *401048-INPUT PULLEY, *5-04602-KEY, 1-5/8 STD WASHER & 1-NUT, HEX LH JAW *10285.

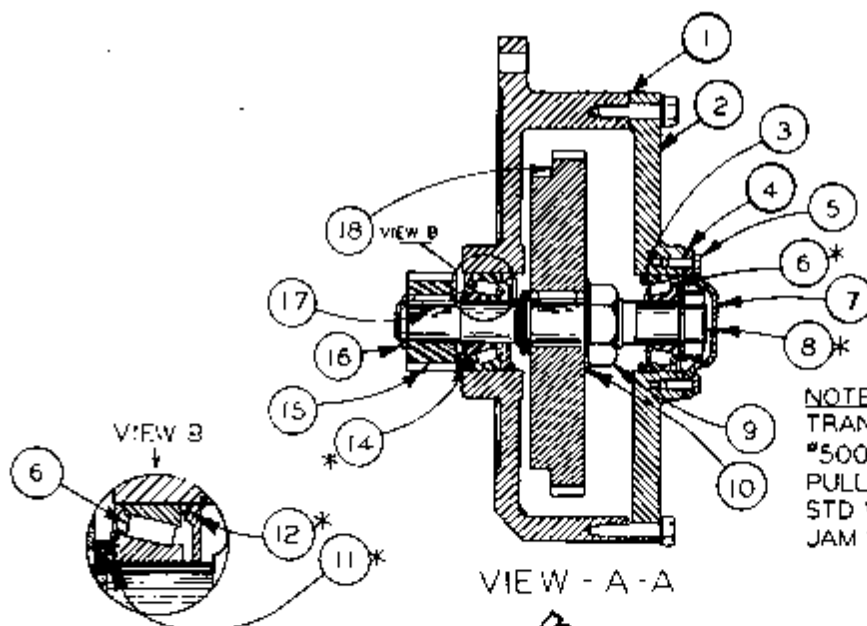
55636
POWER SAW
TRANSMISSION ASSEMBLY

MODEL	FIRST MACH	LAST MACH
C-69	155-60500	155-63849
C-70	156-60500	56-641304
C-169A	173-60500	73-64545
C-170A	180-60500	180-63531

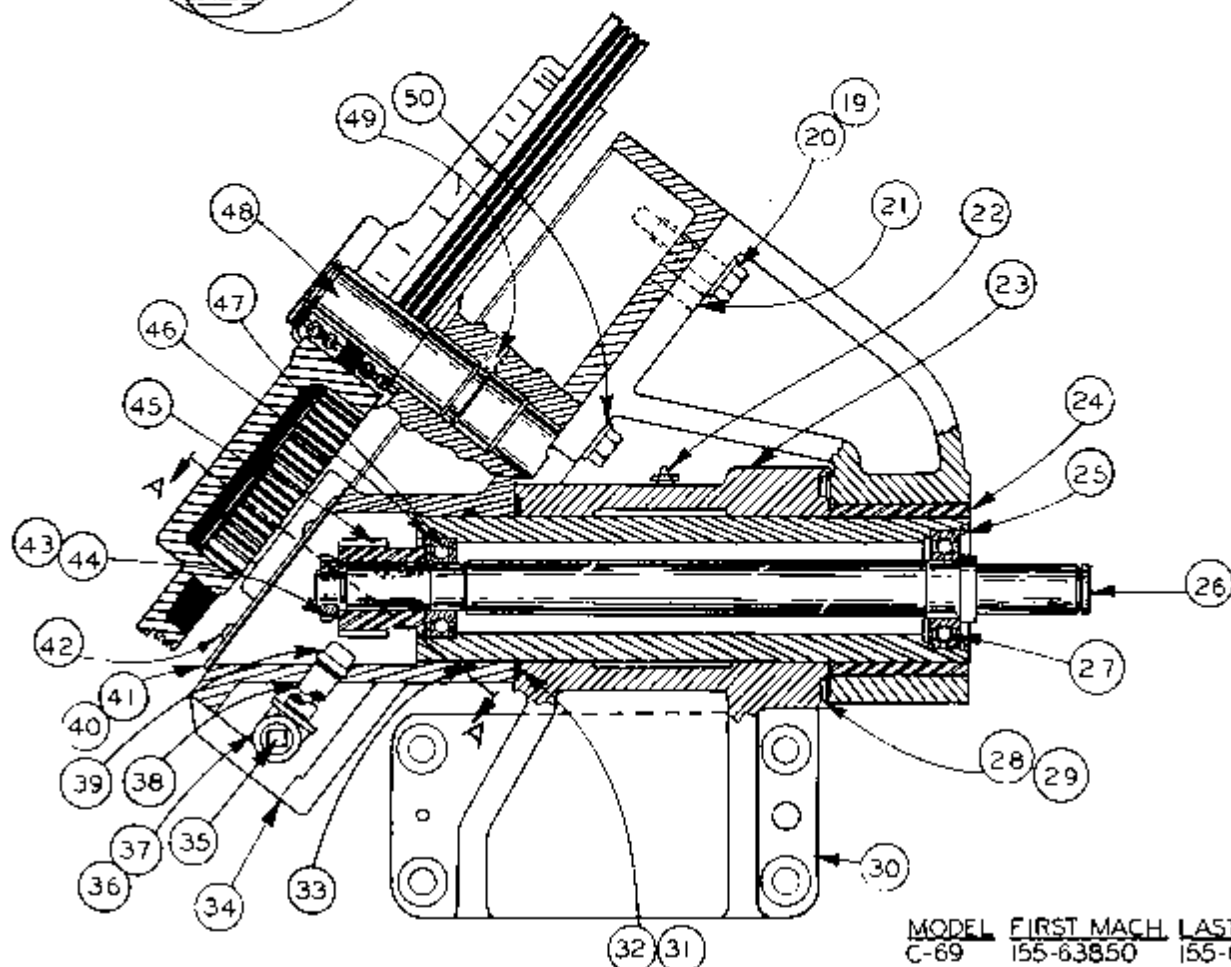
NOT SHOWN:
ITEMS -

(51) (52)
(53) (54)

REVISIONS
SW 11-12-66
SW 4-10-69
S.C.L. 10-11-73



NOTE: TO REPLACE COMPLETE TRANSMISSION ORDER ASS'Y #500088 AND #401048 - INPUT PULLEY, #5-04602 - KEY, 1- $\frac{3}{8}$ STD WASHER & 1-NUT, HEX. LH JAM #10286.



* 56450

TRANSMISSION ASSEMBLY

MODEL	FIRST MACH	LAST MACH
C-69	155-63850	155-66984
C-70	156-641305	156-661726
C-169A	173-64546	173-66559
C-170A	160-63532	160-66555
C-270	217-64101	217-66119

TRANSMISSION ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
		1 2 3 4 5 6 7	
Ref.	56450	Transmission Assembly	
1	29882	. Gasket	1
2	32844	. Cover	1
3	101607	. Retaining Ring	2
4	109571	. Gasket	1
5	Comm.	. Screw, Hex Hd. Mach. #10-24NC x 1/2"	4
6	106462	. Roller Bearing	2
7	109030	. Cap.	1
8	32843	. Shaft	1
9	Comm.	. Nut, Jam 1"-14NF	1
10	Comm.	. Washer, Ext. Shakeproof 1"	1
*11	14505	. O-Ring (See Note)	1
*12	1508	. O-Ring (See Note)	1
*13	114713	. Bearing Retainer (See Note)	1
*14	112918	. Spacer (See Note)	1
15	107927	. Pinion Gear (Spur Gear with 13/16" Diameter Bore)	1
16	107327	. Retaining Ring	1
17	5-04602	. Key	3
18	21944	. Gear	1
19	Comm.	. Screw, Hex Hd. Cap 5/16-18NC x 1-1/4"	9
20	Comm.	. Washer, Lock 5/16 Std.	6
21	35-516	. Dowel	2
22	35-1775	. Lub Fittings	2
23	29877	. Pivot Shaft	1
24	29879	. Bushing	1
25	3035	. Retaining Ring	1
26	29878	. Drive Shaft	1
27	4846	. Ball Bearing	1
28	102718	. Thrust Bearing	1
29	102664	. Thrust Race	2
30	46062	. Mounting Bracket	1
31	102719	. Thrust Bearing	1
32	102663	. Thrust Race	2
34	47639	. Trans. Housing Sub-Ass'y.	1
35	1276	. Pipe Plug	1
36	14-11545	. Pipe Nipple	1
37	35-3377	. Pipe Tee	1
*38	114721	. Pipe Nipple (See Note)	1
*39	6008	. Pipe Cap (See Note)	1
40	102683	. Cover	1
41	102684	. Gasket	1
42	Comm.	. Screw, Rd. Hd. Mach. #10-24NC x 1/4"	4
43	5-01506	. Locknut	2
44	5-01507	. Washer, Lock	2
45	102662	. Gear	1
46	1138	. Retaining Ring	1
47	6162	. Ball Bearing	1
48	103876	. Shaft, Stub	1
49	114091	. Screw, Soc. Set 5/16-18NC x 5/8" Cup Pt.	1
50	115089	. Ring Gasket	3
NOT SHOWN:			
51	Comm.	. Screw, Soc. Set 1/2 Dog Pt. 1/2-13NC x 1"	1
52	Comm.	. Nut, Hex Jam 1/2-13NC Std.	1
*53	114560	. Pipe Nipple (See Note)	1
*54	114559	. Pipe Cap (See Note)	1

*NOTE:

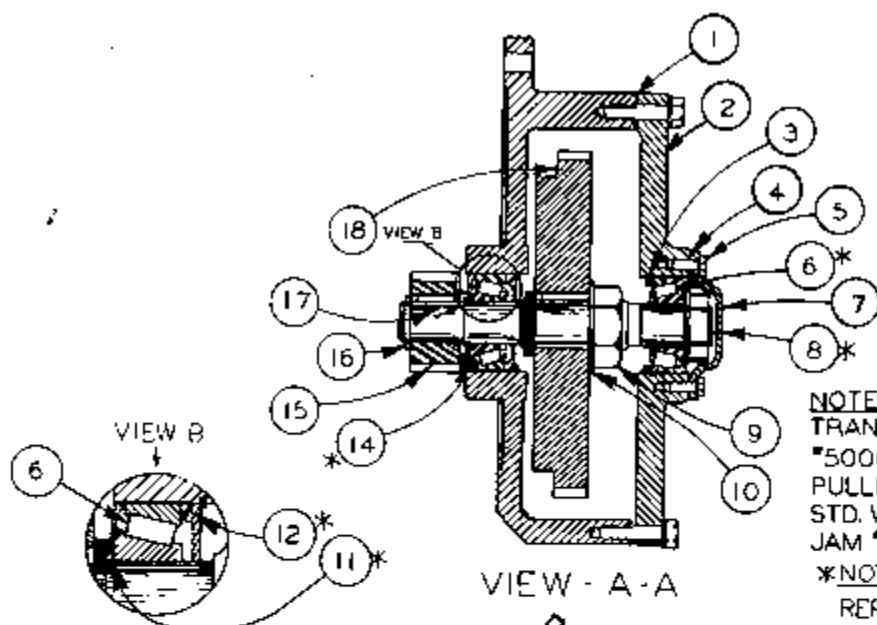
Before Ser. No's. on Model: C-69 #155-86981; C-70 #156-661715; C-169 #173-86560; C-170 #180-86555 & C-270 #217-66120, Item 11 was #104617 O-Ring, Item 12 was #112922 O-Ring, Item 13 was #112919 Bearing Retainer & Item 14 was #107928 Spacer. These four items must be replaced as a unit. Items 38 & 39 were #1276 pipe plug & items 54 & 55 were #5884 Pipe Plug.

NOT SHOWN:

ITEMS -

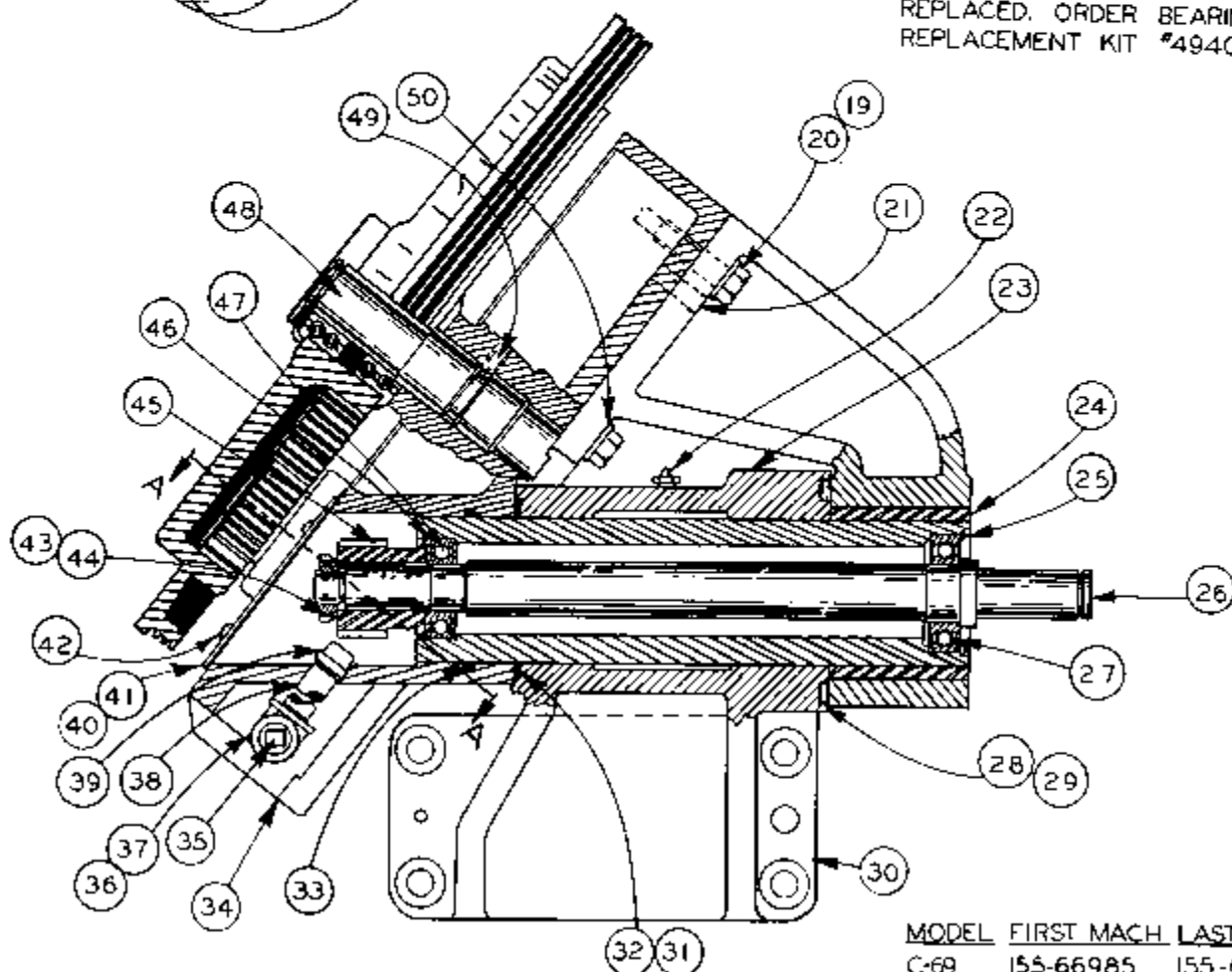
(51) (52)
(53) (54)

REVISIONS
S.W. 11-12-68
S.W. 4-10-69
S.C.L. 10-11-73



NOTE: TO REPLACE COMPLETE TRANSMISSION ORDER ASS'Y #500088 AND #401048-INPUT PULLEY, #5-04602-KEY, 1- $\frac{3}{8}$ STD. WASHER & 1-NUT, HEX. LH JAM #10286.

*NOTE: IF THIS ITEM IS TO BE REPLACED, ORDER BEARING REPLACEMENT KIT #49409.



#58034
TRANSMISSION ASSEMBLY

MODEL	FIRST MACH	LAST MACH.
C-69	155-66985	155-691159
C-70	156-661727	156-692304
C-169A	173-665560	173-69577
C-170A	160-66556	160-69580
C-270	217-66120	217-69133

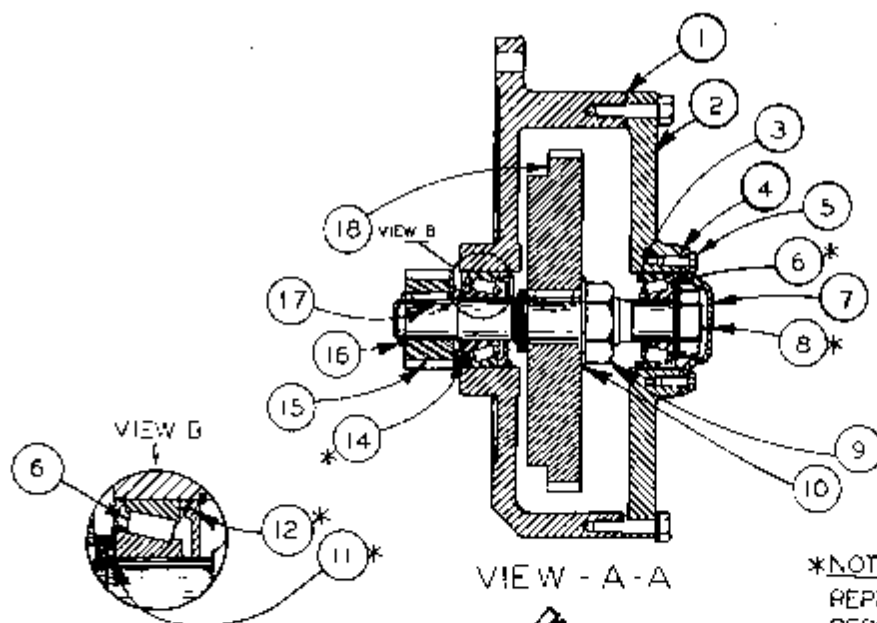
TRANSMISSION ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	58034	Transmission Assembly	
1	29882	Gasket	1
2	32844	Cover	1
3	101607	Retainer Ring	2
4	109571	Gasket	1
5	Comm.	Screw, Hex. Hd. Mach. #10-24NC x 1/2	4
6	106468	Roller Bearing	2
7	109030	Cap.	1
8	32843	Shaft	1
9	Comm.	Nut, Jam 1"-14NF	1
10	Comm.	Washer, Ext. Shakeproof 1"	1
11	14505	O-Ring	1
12	1508	O-Ring	1
13	114713	Bearing Retainer	1
14	112918	Spacer	1
15	107927	Pinion Gear (Spur Gear with 13/16" Diameter Bore)	1
16	107327	Retaining Ring	1
17	5-04602	Key	3
18	21944	Gear	1
19	Comm.	Screw, Hex. Hd. Cap 5/16-18NC x 1-1/4	9
20	Comm.	Washer, Lock 5/16 Std	6
21	35-516	Dowel Pin	2
22	35-1775	Lub Fittings	2
23	29877	Pivot Shaft	1
24	29879	Bushing	1
25	3035	Retaining Ring	1
26	29878	Drive Shaft	1
27	4846	Ball Bearing	1
28	102718	Thrust Bearing	1
29	102664	Thrust Race	2
30	46062	Mounting Bracket	1
31	102719	Thrust Bearing	1
32	102663	Thrust Race	2
33	114827	Quad Ring	1
34	49503	Transmission Housing Sub-Ass'y	1
35	1276	Pipe Plug	1
36	14-11545	Pipe Nipple	1
37	35-3377	Pipe Tee	1
38	114721	Pipe Nipple	1
39	6008	Pipe Cap	1
40	102683	Cover	1
41	102684	Gasket	1
42	Comm.	Screw, Rd. Hd. Mach #10-24NC x 1/4	4
43	5-01506	Locknut	2
44	5-01507	Washer, Lock	2
45	102662	Gear	1
46	1138	Retaining Ring	1
47	8162	Ball Bearing	1
48	103876	Shaft, Stub	1
49	114091	Screw, Soc. Set (Nylak)	1
50	115089	Ring Gasket	3
	Not Shown		
51	Comm.	Screw, Soc. Set 1/2-13NC x 1" Dog Pt.	1
52	Comm.	Nut, Jam 1/2-13NC Std	1
53	114560	Pipe Nipple	1
54	114559	Pipe Cap	1

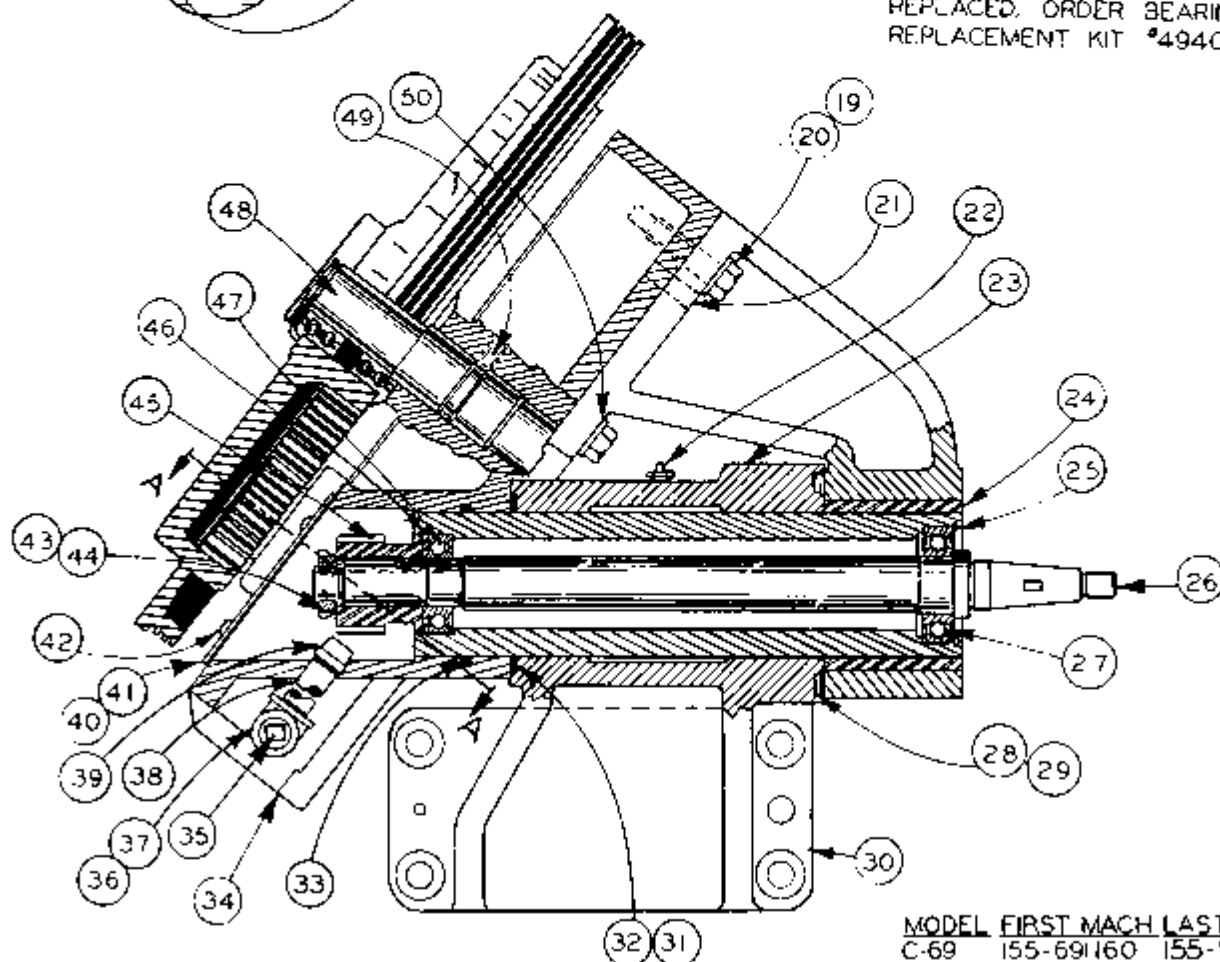
NOT SHOWN:
ITEMS -

51 52
53 54

NEW DRG
S.W. 11-12-68
REVISIONS
S.W. 12-9-69
SCL 10-11-73



*NOTE IF THIS ITEM IS TO BE
REPLACED, ORDER BEARING
REPLACEMENT KIT #49409



TRANSMISSION ASSEMBLY

MODEL	FIRST MACH	LAST MACH
C-69	155-691160	155-721269
C-70	156-692305	156-732648
C-169	173-69578	173-72582
C-170	160-69581	160-72602
C-270	217-69134	217-70139

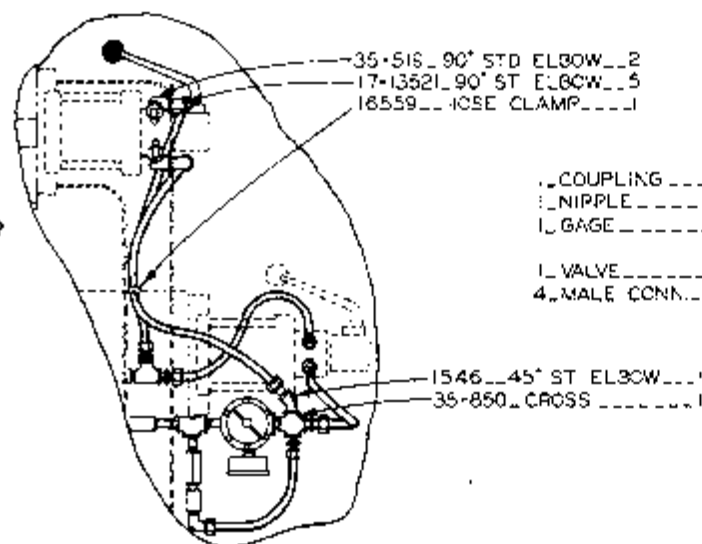
TRANSMISSION ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY
Ref.	500088	Transmission Assembly	
1	29882	Gasket	1
2	32844	Cover	1
3	101607	Retainer Ring	2
4	109571	Gasket	1
5	Comm.	Screw, Hex. Hd. Mach #10-24NC x 1/2	4
*6	See Note	Roller Bearing	2
7	109030	Cap	1
*8	See Note	Shaft	1
9	Comm.	Nut, Jam 1-14NF	1
10	Comm.	Washer, Ext. Shakeproof 1"	1
*11	See Note	Oil Seal	1
*12	See Note	Sleeve	1
*14	See Note	Sleeve	1
15	107927	Pinion Gear (Sput Gear With 13/16" Diameter Bore)	1
16	107327	Retaining Ring	1
17	5-04602	Key	3
18	21944	Gear	1
19	Comm.	Screw, Hex. Hd. Cap 5/16-18NC x 1-1/4	9
20	Comm.	Washer, Lock 5/16 Std	6
21	35-516	Dowel Pin	2
22	35-1775	Lub Fittings	2
23	29877	Pivot Shaft	1
24	29879	Bushing	1
25	3035	Retaining Ring	1
26	37509	Drive Shaft	1
27	4846	Ball Bearing	1
28	102718	Thrust Bearing	1
29	118100-118104	Thrust Race	2
30	46062	Mounting Bracket	1
31	102719	Thrust Bearing	1
32	102663	Thrust Race	2
33	114827	Quad Ring	1
34	49503	Transmission Housing Sub-Ass'y.	1
35	1276	Pipe Plug	1
36	14-11545	Pipe Nipple	1
37	35-3377	Pipe Tee	1
38	114721	Pipe Nipple	1
39	6008	Pipe Cap	1
40	116437	Cover	1
41	116492	Gasket	1
42	Comm.	Screw, Rd. Hd. Mach #10-24NC x 1/4"	4
43	5-01506	Locknut	2
44	121809	Washer, Lock	2
45	102662	Gear	1
46	1138	Retaining Ring	1
47	8162	Ball Bearing	1
48	103876	Shaft, Stub	1
49	114091	Screw, Soc. Set (Nylak)	1
50	115089	Ring Gasket	3

Not Shown:

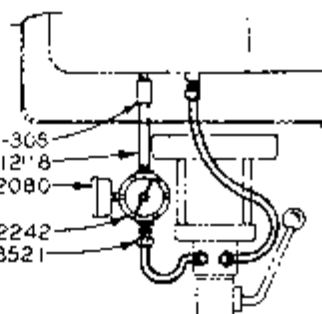
51	Comm.	Screw, Soc. Set 1/2-13NC x 3" Dog Pt	1
52	Comm.	Nut, Jam 1/2-13NC Std.	1
53	114560	Pipe Nipple	1
54	114559	Pipe Cap	1

* Note: If this item is to be replaced, order Bearing Replacement kit #49409.



C-68 WITH OUTBOARD VISE

- 1 COUPLING...35-308
 1 NIPPLE...12118
 1 GAGE...12080
 1 VALVE...102242
 4 MALE CONN...35-3521

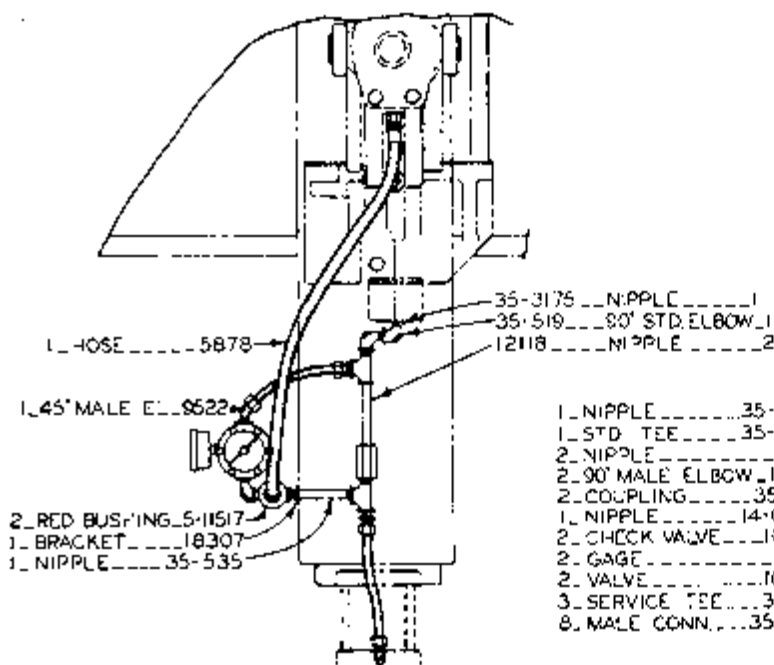


C-67 STANDARD

NOTE: NYLON TUBING $\frac{3}{8}$ O.D.
 STOCK NO 211
 SPECIFY LENGTH REQD

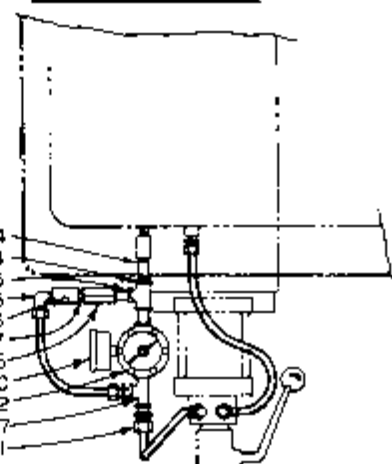
NOT SHOWN:
 35-491 NIPPLE...1
 16841 HOSE...1

C-68 WITH NESTING FIXTURE



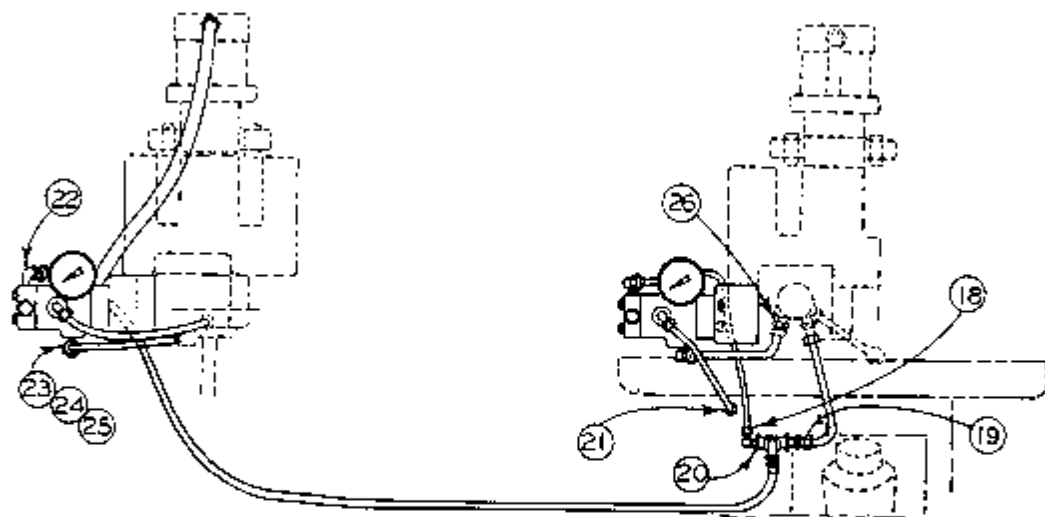
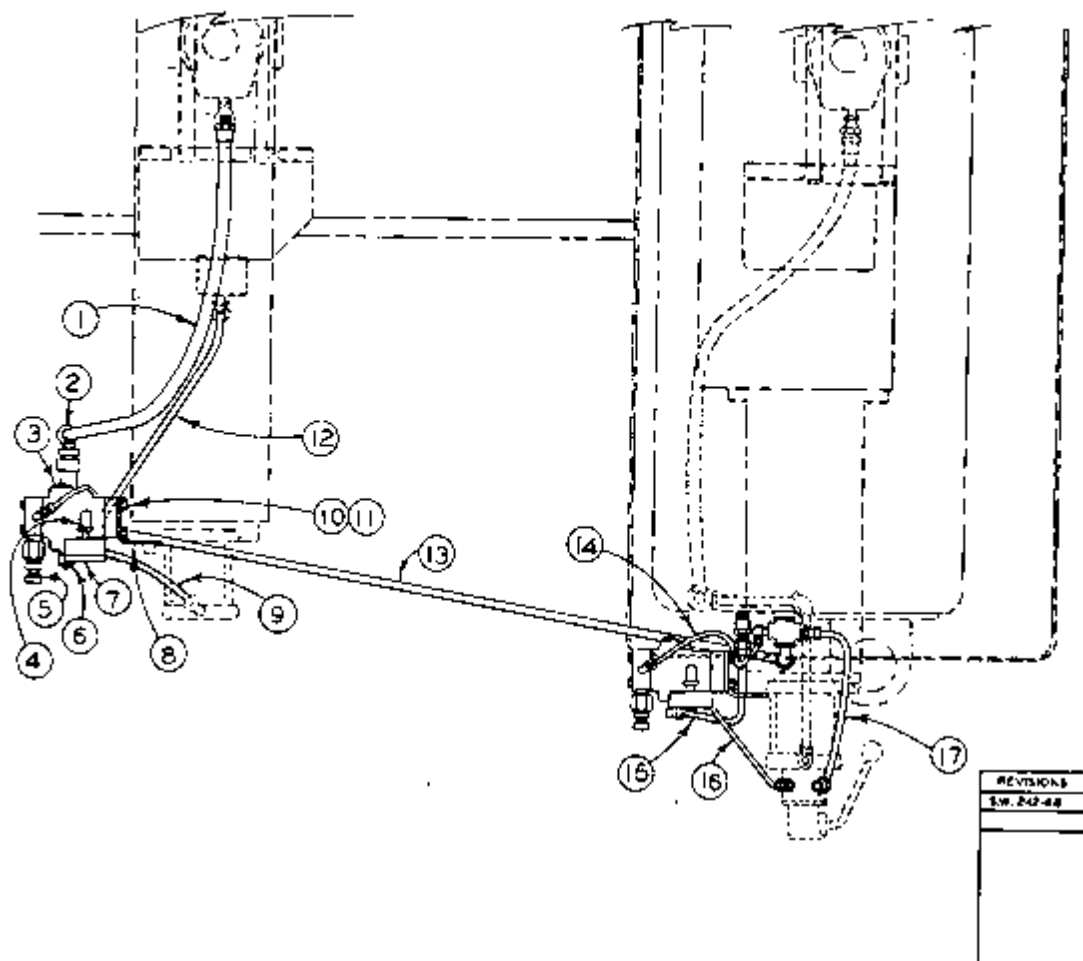
- 1 NIPPLE...35-2344
 1 STD TEE...35-2474
 2 NIPPLE...5226
 2 90° MALE ELBOW...12085
 2 COUPLING...35-308
 1 NIPPLE...14-03507
 2 CHECK VALVE...102245
 2 GAGE...12080
 2 VALVE...102242
 3 SERVICE TEE...35-847
 8 MALE CONN...35-3521

C-68 STANDARD



VARIABLE VISE PRESSURE

MODEL	FIRST MACH.	LAST MACH.
C-67	155-56401	155-61301
C-67A	173-60101	173-60201
C-68	156-59101	156-61418
C-168 A	180-60101	180-60200
C-68	155-60400	155-63013
C-168 A	173-60300	173-63532
C-70	156-60600	156-63269
C-170A	180-60300	180-63464



MODEL	FIRST MACH	COST MACH
C-48	155-6385A	05-00985
C-70	154-631270	06-001709
C-270	317-64101	217-0000
C-188	178-63533	173-07572
C-170	160-63443	00-07562

VARIABLE VISE PRESSURE

PS-9-40

C-2

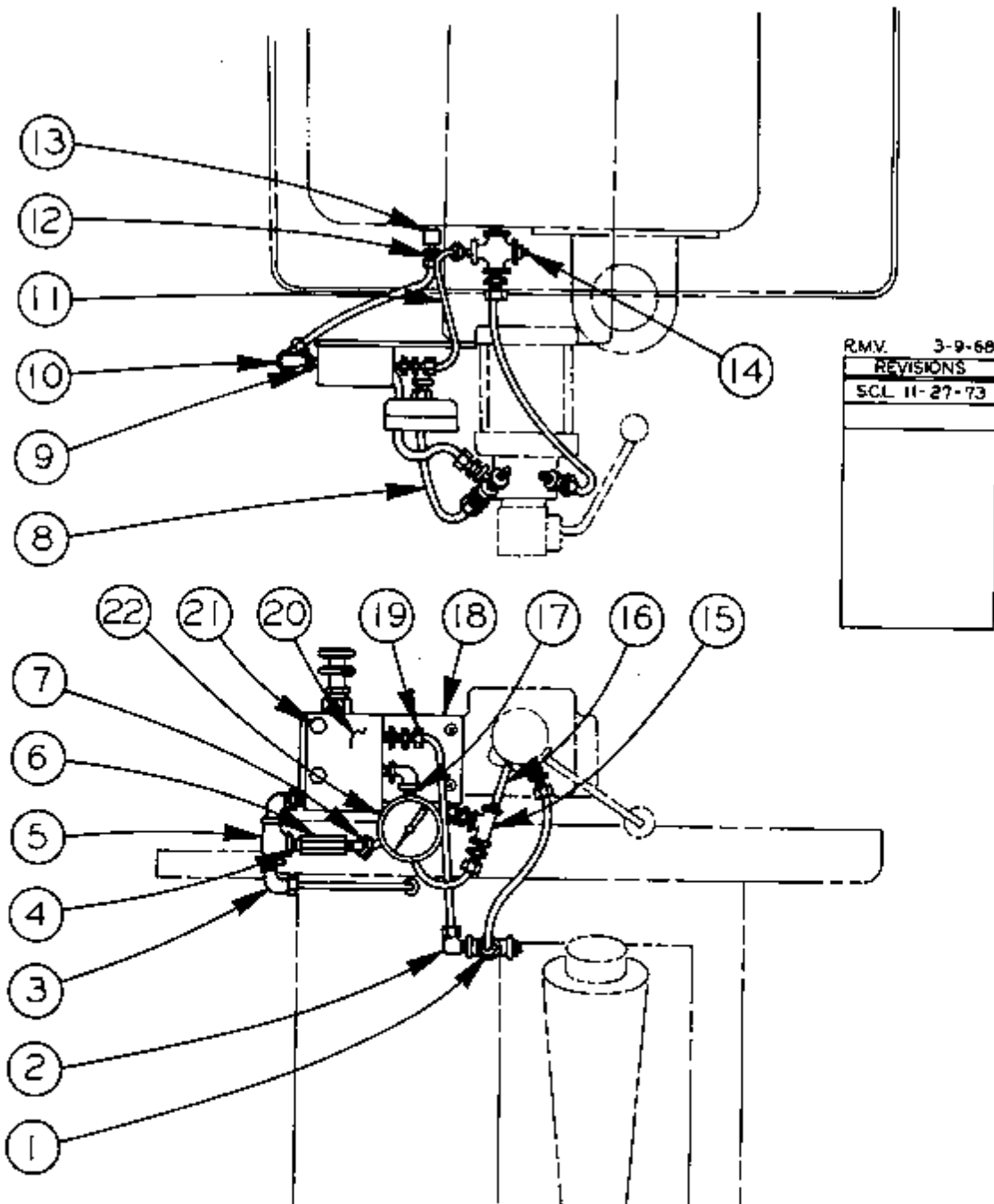
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HYD. ADJ. PRESSURE FOR VISES

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
		1 2 3 4 5 6 7	
	54993	Hyd. Adj. Pressure Vises (Std. C-70 Hookup with Outboard Vises)	1
	56819	Hyd. Adj. Pressure Vises (Std. C-270 Hookup) . . .	1
	46032	Hyd. Adj. Pressure Vises (Std. C-69 Hookup) . . .	1
1	5878	. Hose	1
2	5-11513	. 90° St. Elbow	1
3	3020	. Pipe Plug	2
4	17-13521	. Street Elbow	4
5	13280	. Valve	2
6	1403	. 90° Male Elbow	3
7	12080	. Gage	2
8	26067	. Bracket	2
9	Stk #211	. Nylon Tubing 3/8 O.D. x 12"	AR
10	Comm.	. Hex Hd. Cap Screw 1/4-20NC x 1-3/4"	8
11	Comm.	. Lockwasher 1/4 Std.	8
12	Stk.#211	. Nylon Tubing 3/8 O.D. x 18"	AR
13	35-9810	. Hose	1
14	Stk.#210	. Nylon Tubing 1/4 O.D. x 15"	AR
15	Stk.#211	. Nylon Tubing 3/8 O.D. x 15"	AR
16	Stk.#211	. Nylon Tubing 3/8 O.D. x 15"	AR
17	Stk.#211	. Nylon Tubing 3/8 O.D. x 18"	AR
18	1407	. 90° Male Elbow	2
19	1401	. Male Connector	1
20	35-850	. Cross	1
21	113596	. Female Connector	1
22	8151	. Swivel Adaptor Union	1
23	3098	. Male Connector	1
24	35-983	. Tee	1
25	35-1127	. Close Nipple	2
26	113584	. 45° Male Elbow	1

NOTE:

Plumbing may vary depending on type of hook up.



MODEL	FIRST MACH.	LAST MACH.
C-69	155-66986	155-721269
C-270	217-66117	217-70139

VARIABLE VISE PRESSURE ATTACHMENT

PS-9-63

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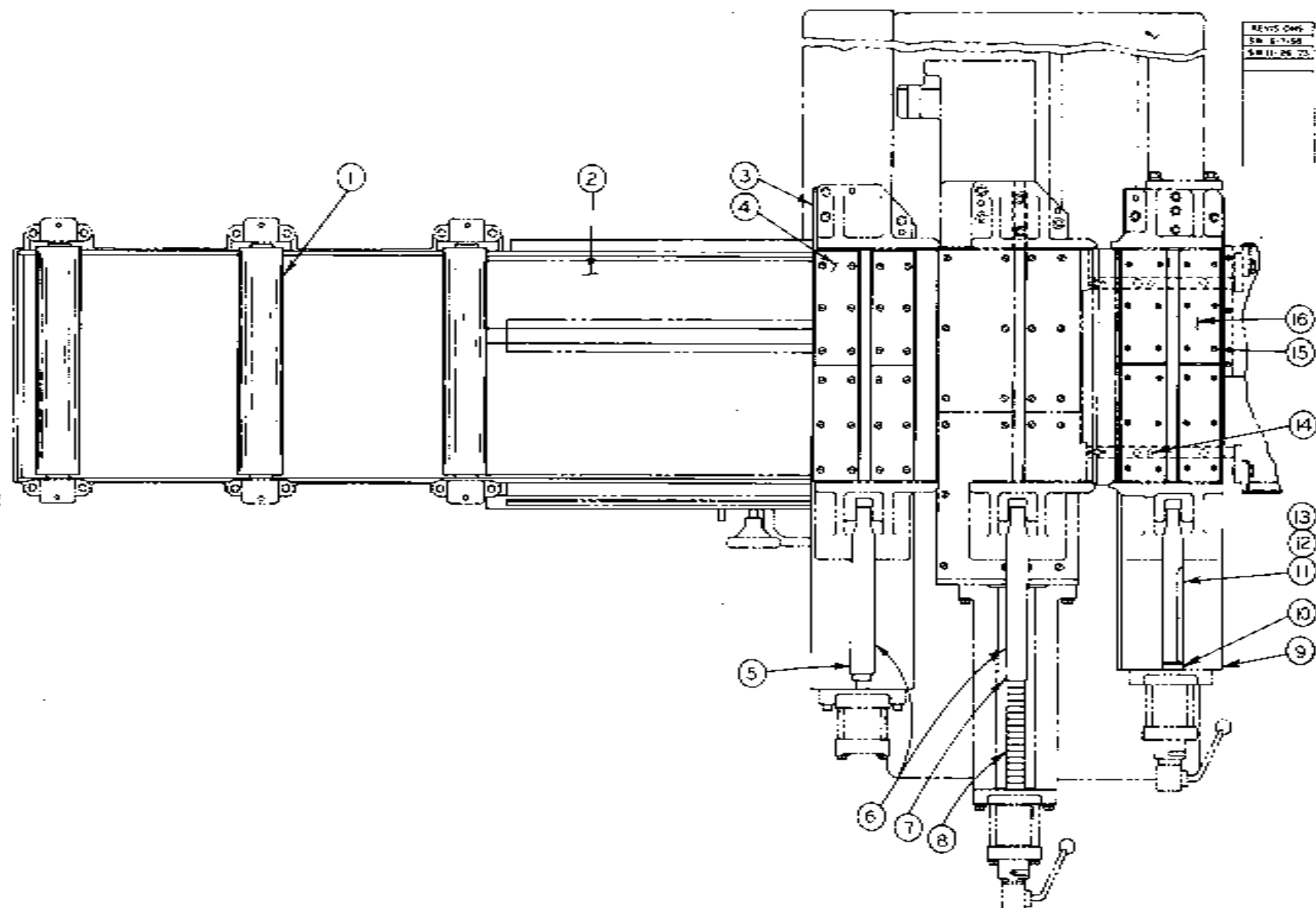
C-11

VARIABLE VISE PRESSURE ATTACHMENT

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	58102	Var. Vise Press. Attach. (C-69 Hook-up)	
Ref	58099	Var. Vise Press. Attach. (C-270 Hook-up)	
Ref	58100	Var. Vise Press. Attach. (C-270 Nesting Vise)	
1	1401	. Male Connector	1
2	1407	. 90° Elbow	1
3	35-3522	. 90° Male Elbow	1
4	14-03507	. Close Nipple	2
5	35-847	. Service Tee	1
6	102245	. Check Valve	1
7	9522	. 45° Male Elbow	1
8	STK.#211	. Nylon Tubing 3/8" O.D.	AR
9	5-11517	. Reducer Bushing	3
10	17-13521	. Street Elbow	2
11	STK.#210	. Nylon Tubing 1/4" O.D.	AR
12	35-3521	. Male Connector (Use 3 on C-69)	4
13	35-306	. Coupling	1
14	5-04612	. Sq. Hd. Pipe Plug	1
15	35-2474	. Std. Tee (Use 3 on C-69)	1
16	35-2344	. Nipple	1
17	5226	. Nipple	1
18	115117	. Bracket	1
19	9273	. Male Connector (C-69)	1
	3072	. Male Connector (C-270)	1
20	114741	. Pressure Valve	1
21	Comm.	. Hex. Hd. Mach. Scr. 5/16-18NC x1-3/4"	2
22	12080	. Pressure Gage	1

9-6-54

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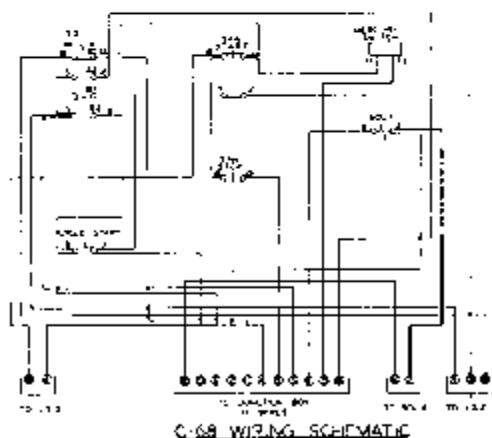
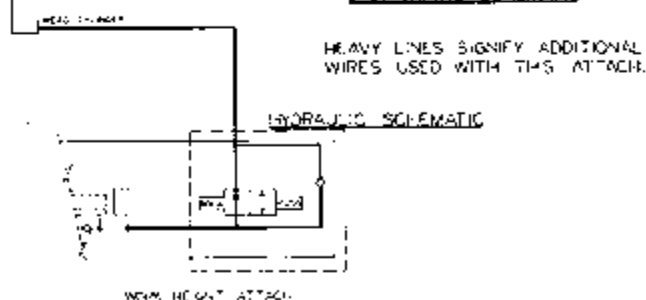
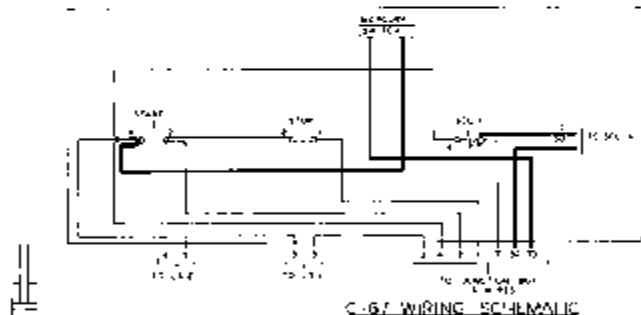
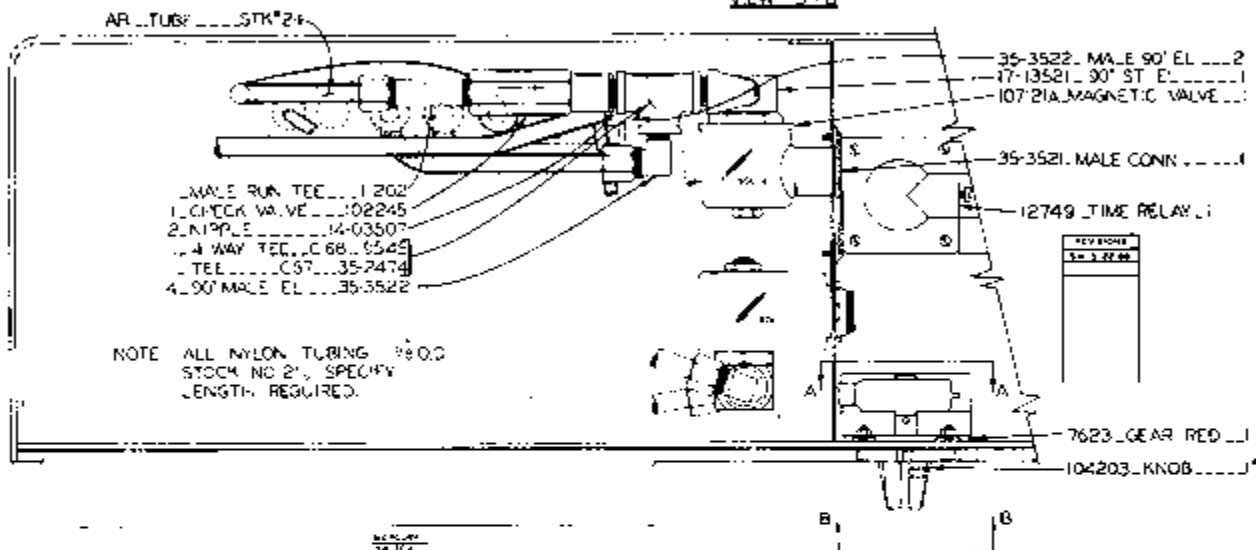
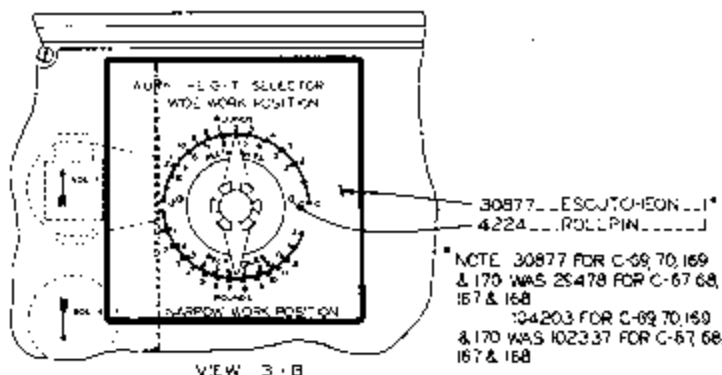
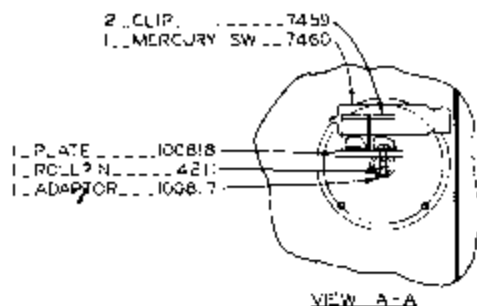
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BY E-7-58
5-11-26 72

WORK CAPACITY, 18"
ATTACHMENT

MOD.	FIRST MACH.	LAST MACH.
C-68	56-59101	56-5418
C-70	56-60600	56-732648
C-59	55-50400	55-72269

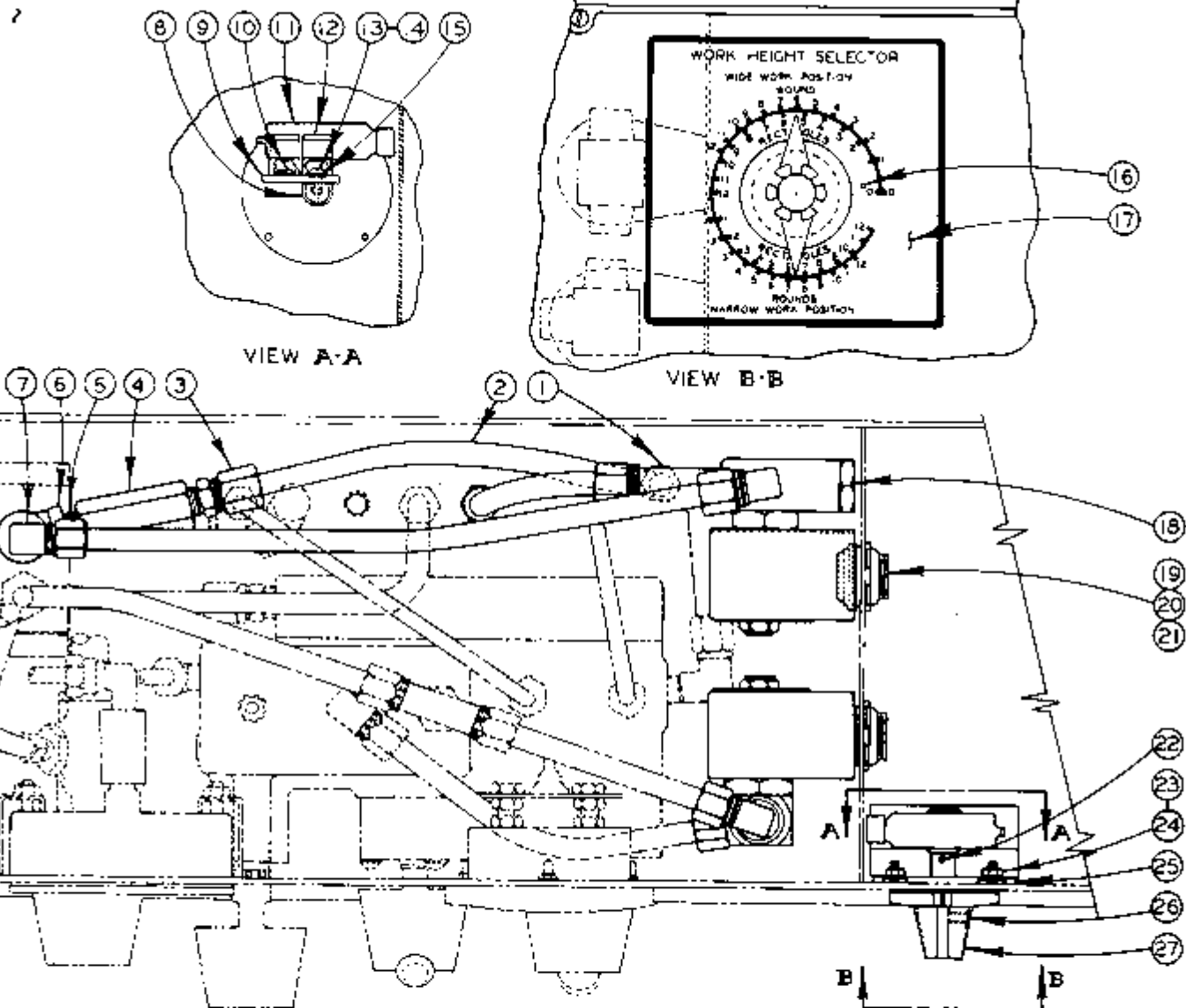
18" WORK CAPACITY ATTACHMENT

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y
Ref.	55508	18" Work Capacity Attachment (C-69)	
Ref.	55509	18" Work Capacity Attachment (C-70)	
*1	103629	. Roller.....	3
*2	55773	. Feed Table Weldment	1
*3	55506	. Rear Vise Base.....	1
*4	30489	. Wear Strip.....	4
*5	30479	. Pawl (11 9/16)	1
6	27472	. Pawl (13 5/16)	1
7	30649	. Pawl (22 5/16)	2
8	30480	. Rack (Used on Ass'y #55509)	1
	30650	. Rack (Used on Ass'y #55508)	1
	Following items not shown:		
	56442	. 10' Conveyor Assembly	1
	56441	. 5' Conveyor Assembly.....	1
	For Outboard Vise add the following items:		
9	56486	. Vise Base.....	1
10	31026	. Rack.....	1
11	30479	. Pawl (11 9/16)	1
12	30651	. Pawl (17 15/16)	1
13	30649	. Pawl (22 5/16)	1
14	33638	. Filler Plate.....	1
15	15035	. Screw, Fl. Hd. Mach.....	24
16	30489	. Wear Strips.....	4
17	30805	. Escutcheon(Slow Approach) Not Shown (C-70)	1
18	30806	. Escutcheon (Work Height) Not Shown (C-70).....	1
	Note: When assembly #55509 is supplied in conjunction with outboard and vise pressure booster #54337, replace outboard vise movable jaw and items 10,11,12 & 13 with the following:		
19	32056	. Movable Jaw.....	1
20	31783	. Rack.....	1
21	29250	. Pawl Sub-Assembly.....	1
	17017	. . Dowel Pin.....	1
	29251	. . Pawl (16 3/8).....	1
22	31786	. Pawl Assembly.....	1
	17017	. . Dowel Pin.....	1
	31784	. . Pawl (22 1/2)	1
23	31787	. Pawl Assembly.....	1
	17017	. . Dowel Pin.....	1
	31785	. . Pawl (9 3/4).....	1
	*Note: Starred items are used only on assembly #55509.		



WORK HEIGHT CONTROL

MODEL	FIRST MACH	LAST MACH
C-67	155-59051	155-61301
C-68	156-59011	156-61418
C-67A	173-50401	173-60201
C-68A	160-60001	160-60200
C-69	155-60400	155-61060
C-70	156-60600	156-61200
C-68B	173-60300	173-61511
C-170A	160-60300	160-61508
C-270	217-64101	217-61110



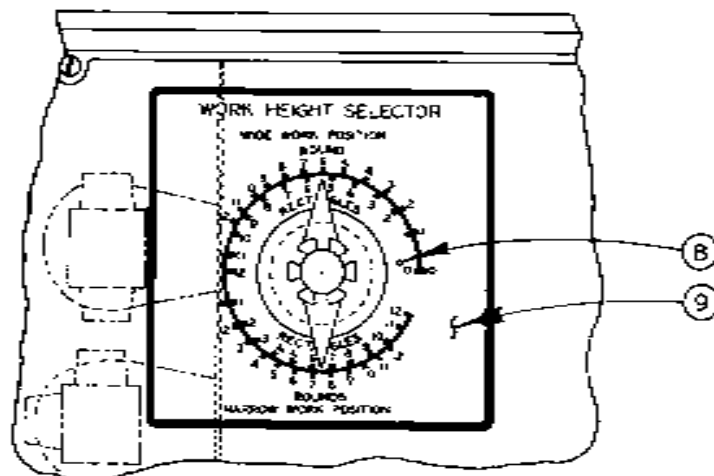
MODEL	FIRST MACH	LAST MACH
C-69	155-671061	155-691188
C-70	156-672050	156-692292
C-270	217-67131	217-69133

WORK HEIGHT

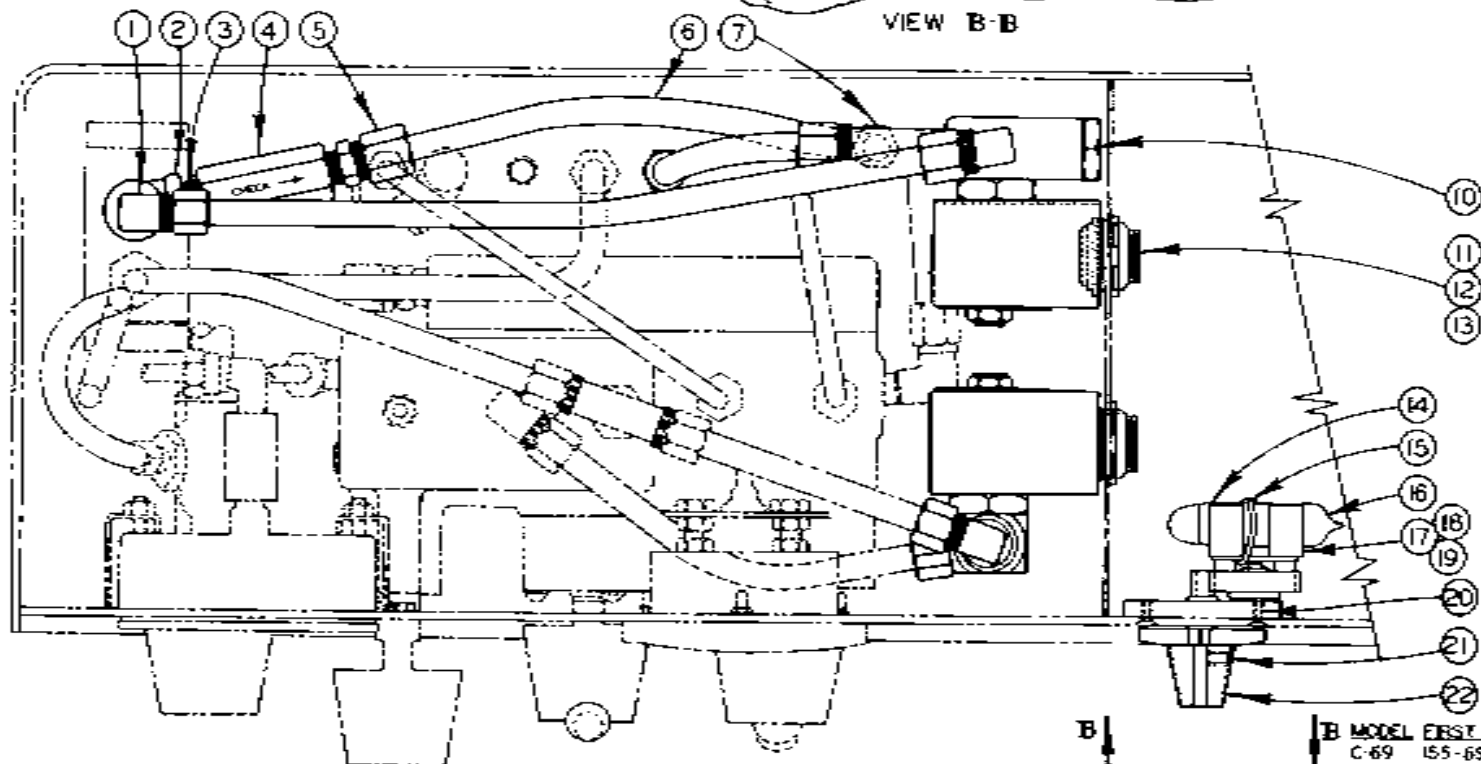
WORK HEIGHT

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref. 2		Work Height	
1	11202	. Male Run Tee.	1
2	Stk.#211	. Nylon Tube, 3/8" O.D.	A.R.
3	35-3521	. Male Connector.	1
4	102245	. Check Valve	1
5	14-03507	. Close Nipple.	1
6	35-847	. Service Tee	1
7	35-3522	. 90° Male Elbow.	2
8	100817	. Adaptor	1
9	100818	. Plate	1
10	Comm.	. Screw, Fil. Hd. Mach., #10-24NC x 1/4".	1
11	7460	. Mercury Switch.	1
12	7459	. Clip.	2
13	Comm.	. Screw, Pan Hd. Mach., #10-24NC x 1/2".	1
14	Comm.	. Washer, #10 Std., Shakeproof.	1
15	4211	. Roll Pin.	1
16	4224	. Roll Pin.	2
17	30877	. Escutcheon.	1
18	107121-A	. Mag. Solenoid Valve	1
19	11112	. Connector Seal.	1
20	19543	. Nut, Bond	3
21	14-661	. Nipple.	1
22	Comm.	. Screw, Soc. Hd. Hex., #6-32NC x 1/8".	1
23	Comm.	. Screw, Fl. Hd. Mach., #6-32NC x 3/8".	4
24	Comm.	. Nut, Hex., #6-32NC.	2
25	7623	. Gear Reducer.	1
26	Comm.	. Screw, Soc. Hd., #10-24NC x 1/4".	1
27	104203	. Knob.	1

NOTE: Work Height is Optional on Model C-69, For Complete Ass'y. Order #54915. Work Height is Standard Equip. on Model C-70 and C-270.



VIEW B-B



WORK HEIGHT

B	MODEL	FIRST MACH	LAST MACH
	C-69	155-691189	155-721269
	C-270	217-69134	217-70139
	C-70	156-692293	156-732648

WORK HEIGHT

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY
Ref.		Work Height	
1	35-3522	. Elbow, 90° Male.....	2
2	35-847	. Service Tee 1/4.....	1
3	14-03507	. Close Nipple 1/4 NPT.....	1
4	102245	. Check Valve.....	1
5	35-3521	. Connector, Male.....	1
6	Stk #211	. Nylon Tube 3/8 O.D.....	A.R.
7	11202	. Tee, Male Run.....	1
8	4224	. Roll Pin 1/8 x 7/16 Lg.....	2
* 9	30877	. Escutcheon.....	1
10	122854	. Solenoid Valve 120V./60HZ.....	U
	122855	. Solenoid Valve 240V./60HZ.....	S
	122856	. Solenoid Valve 480V./60HZ.....	E
	122857	. Solenoid Valve 550V./60HZ.....	O
	122858	. Solenoid Valve 220V./50HZ.....	N
	122859	. Solenoid Valve 110V./50HZ.....	E
11	11112	. Connector Seal Assy.....	1
12	19543	. Bond Nut.....	3
13	14-661	. Nipple.....	1
14	119988	. Switch Ass'y.....	1
15	106966-A	. . Cable Tie.....	1
16	7460	. . Mercury Switch.....	1
17	7459	. . Clip.....	2
18	Comm.	. . Shakeproof Lockwasher #10 Ext.....	2
19	Comm.	. . Screw, Pan Hd. Mach. #10-24NC x 5/8.....	2
20	Comm.	. . Screw, Fl. Hd. Mach. #6-32NC x 3/8.....	4
21	Comm.	. . Screw, Soc. Set #10-24NC x 1/4.....	1
22	104203	. Knob.....	1

Note: Work Height is optional on Model C-69, for complete Ass'y order #54915. Work height is standard equipment on Model C-70 and C-270.

*Order #36919 Escutcheon for Model C-270.