HOBART

CATALOG OF REPLACEMENT PARTS



SLICERS

1612E	ML-104546
1712E	ML-104547
1712RE	ML-104548

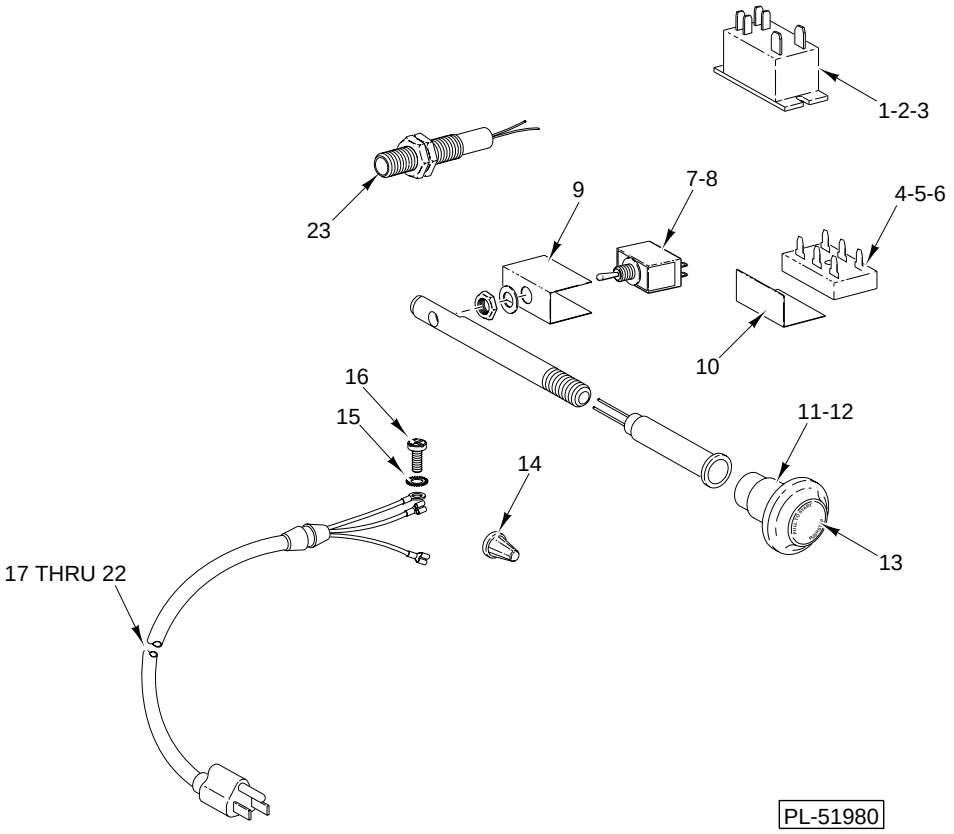
THIS MANUAL REPLACES AND SHOULD BE USED INSTEAD OF FORM 18987

PRIOR MLS COVERED IN THIS MANUAL:

1612E	ML-104029
1712E	ML-104030
1712RE	ML-104031

A product of HOBART CORPORATION 701 RIDGE AVENUE TROY, OHIO 45374-0001

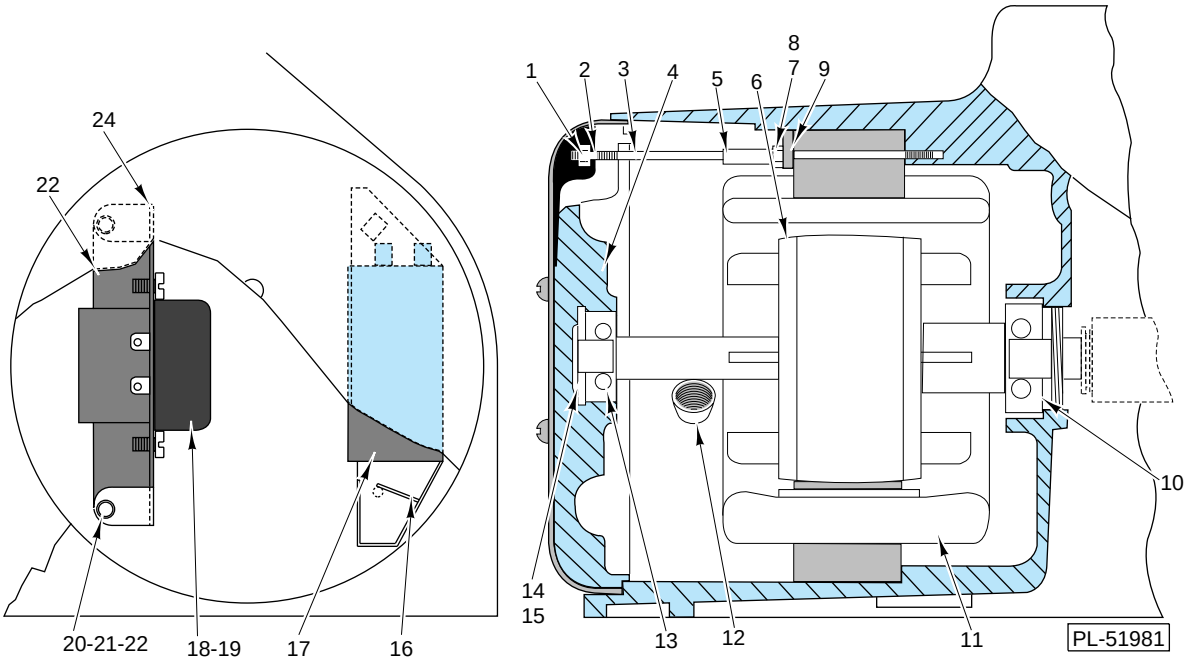
FORM 19463 (10-95)



ELECTRICAL

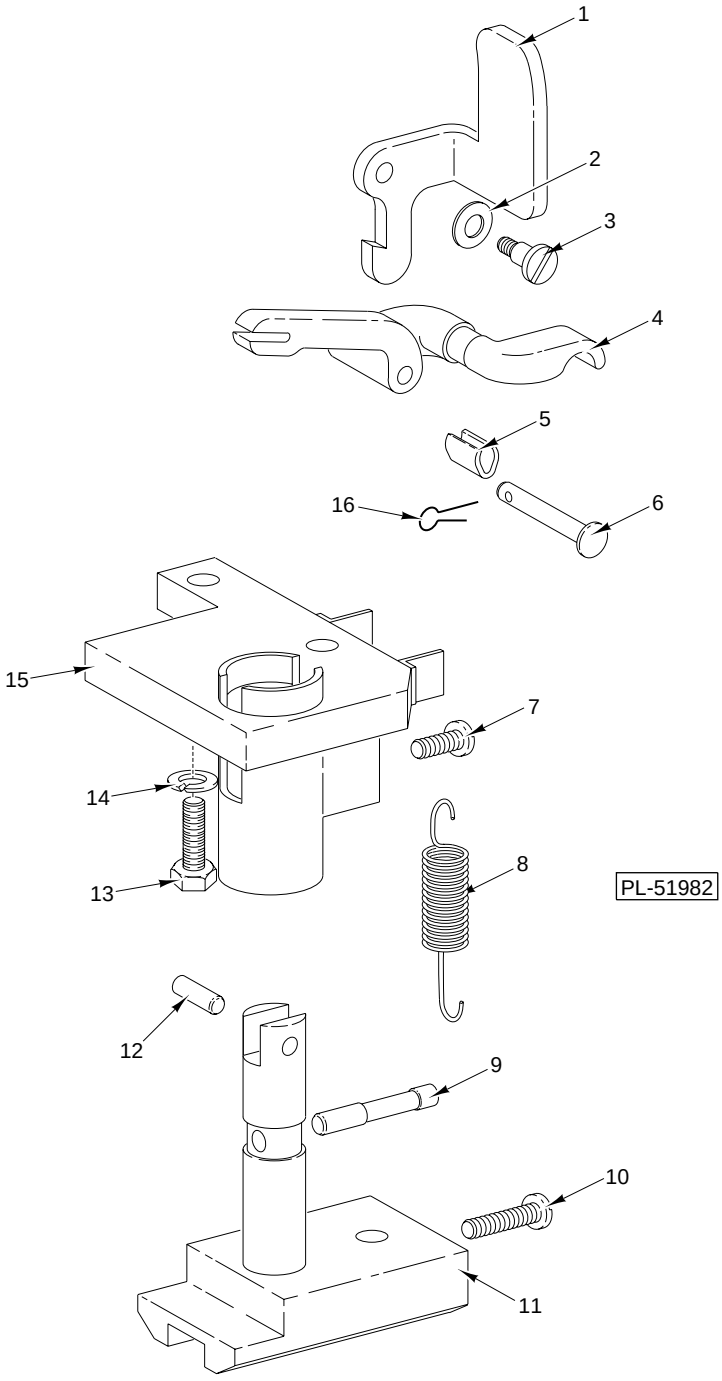
ILLUS. PL-51980	PART NO.	NAME OF PART	AMT.
1	87714-42-1	Relay (2 Pole)(Under 150 V.)	1
2	87714-42-3	Relay (2 Pole) (220 - 240 V.)	1
3	SD-12-34	Self-Tapping Screw 8-32 x 5/16 Pan Hd., Type T	2
4	87714-39-3	Timer - Relay (Under 150 V.)	1
5	87714-39-4	Timer - Relay (200-250 V.)	1
6	SD-37-95	Self-Tapping Screw 10-24 x 1 Phil. Pan Hd., Type TT	1
7	120388	Switch & Label Assy.	1
8	87711-148-1	Switch (With Nuts)	1
9	437657	Switch - Mylar	1
10	438130	Insulator - Switch	1
11	438294-1	Disc & Lighted Knob Assy. (Under 150 V.)	1
12	438294-2	Disc & Lighted Knob Assy. (200 - 250 V.)	1
13	76902	Disc - Insert	1
14	FE-6-29	Wire Nut (14-22 Ga.)	3
15	WL-10-1	Lockwasher 8 External Shakeproof	1
16	SD-24-13	Self-Tapping Screw 8-32 x 3/8 Pan Hd., Type TT	1
17	123856-1	Cord & Plug Assy. (Under 150 V.)	1
18	123856-2	Cord & Plug Assy. (200-250 V.)	1
19	123858	Cord Assy. (I.E.C.)	1
20	RR-8-13	Retaining Ring (Use with items 17 & 18)	1
21	WS-5-36	Washer (Use with item 19)	2
22	FE-6-32	Strain Relief (Use with item 19)	2
23	87711-243-1	Sensor (Home Position And/Or Auto-Shut-off)	AR

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MOTOR PARTS

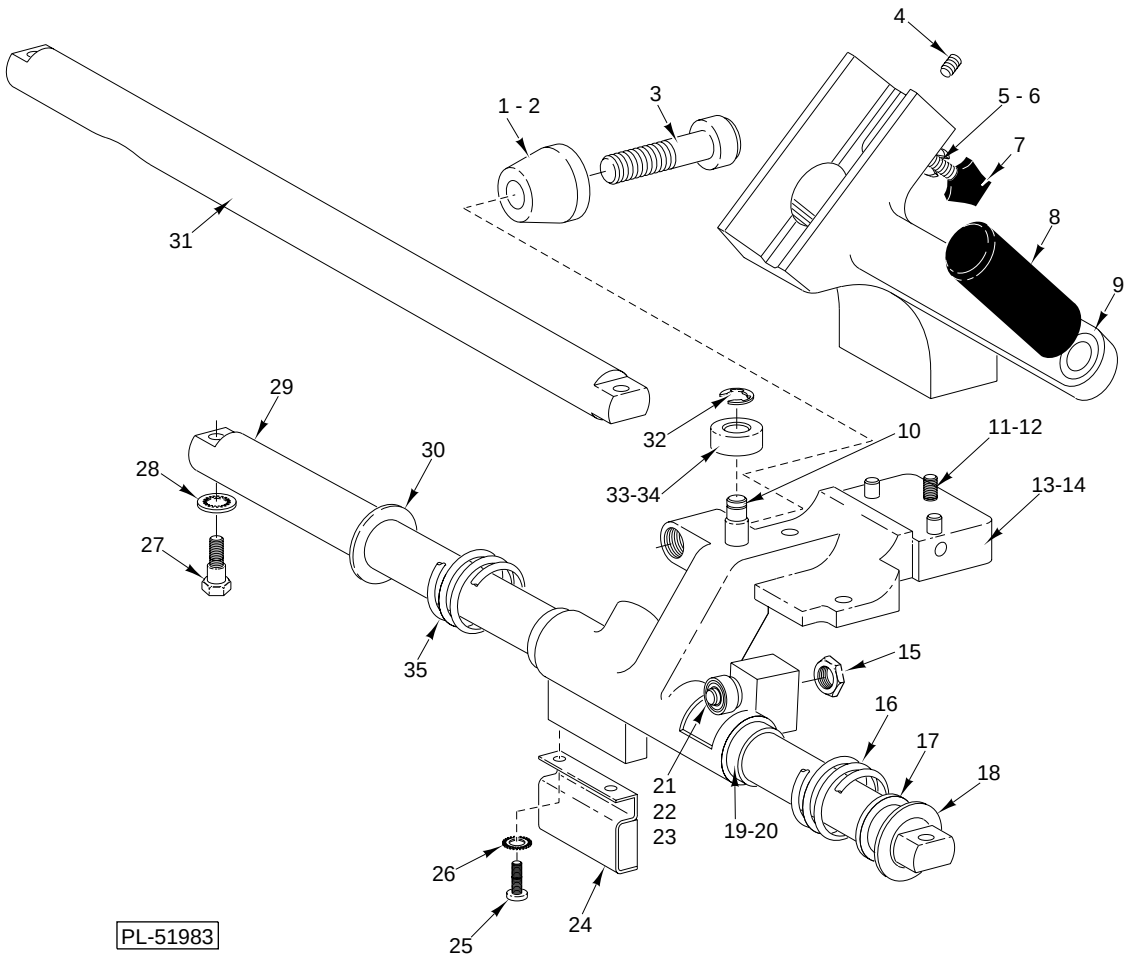
ILLUS. PL-51981	PART NO.	NAME OF PART	AMT.
1	NS-9-12	Mach. Nut 8-32 Hex	4
2	WL-7-6	Lockwasher 8 External Shakeproof	4
3	120048	Stud - Stator	4
4	110293	Bracket - Bearing	1
5	103661-17	Tubing - Insulator ¾ lg	2
6	274761	Rotor	1
7	NS-9-12	Mach. Nut 8-32 Hex	4
8	WS-2-15	Washer	4
9	293454	Retainer - Stator	4
10	BB-15-41	Ball Bearing - N.D. #Z993L04	1
11	271639	Stator Assy. (All Voltages)	1
12	70418	Bushing - Motor Leads	1
13	BB-18-12	Ball Bearing - Fafnir #P201KDD	1
14	21046-2	Washer - Bumper (1/32 Thk.)	2
15	SL-2-2	Spring - Loading - N.D. #S-12	1
16	278280	Retainer - Capacitor	1
17	70487-21	Capacitor (50/60 Hz.)	1
18	271612-2	Switch - Electronic Start (50/60 Hz.)	1
19	SD-24-13	Self-Tapping Screw 8-32 x ⅜ Pan Hd., Type TT	2
20	103661-15	Tubing - Insulator 1 ½ lg	1
21	WS-2-15	Washer	2
22	NS-9-12	Mach. Nut 8-32 Hex	2
23	271614	Insulator - Motor Switch	1
24	271613	Plate - Motor Switch	1



ACTUATING MECHANISM
(1712E & 1712RE)

ACTUATING MECHANISM
(1712E & 1712RE)

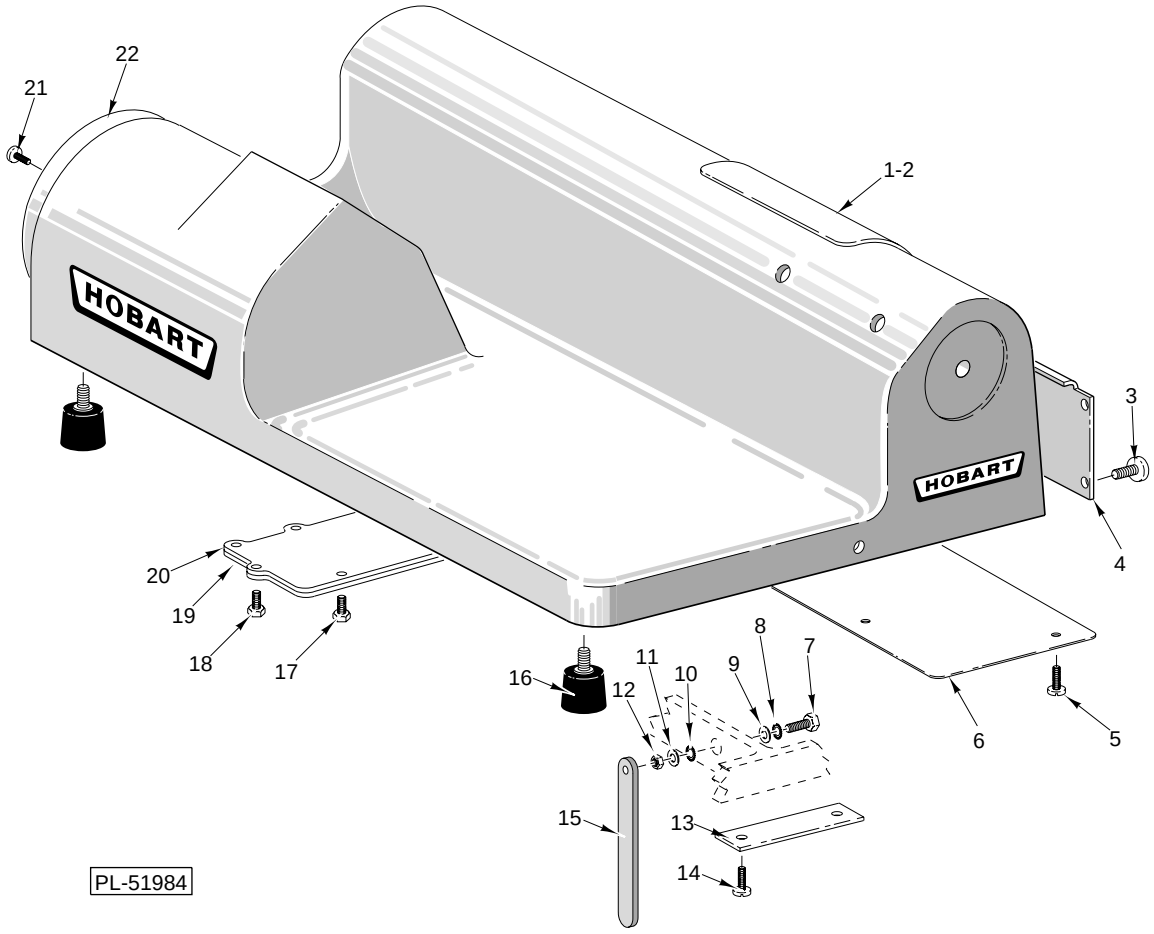
ILLUS. PL-51982	PART NO.	NAME OF PART	AMT.
1	70240	Clip - Locking	1
2	WS-2-43	Washer	1
3	70351	Screw - Special	1
4	70233-2	Lever - Actuating Mech	1
5	70245	Clip - Lever Wear	1
6	70297	Pin - Hinge	1
7	SC-60-21	Mach. Screw 10-24 x ¼ Rd. Hd.	1
8	70399	Spring - Actuating Mech	1
9	118161	Dowel - Yoke & Shaft Locating	1
10	SC-60-20	Mach. Screw 10-24 x 1 Rd. Hd.	1
11	70266	Yoke & Shaft Assy	1
12	11800-137	Dowel	1
13	SC-62-81	Cap Screw 5/16-18 x 7/8 Hex Hd.	2
14	WL-3-44	Lockwasher 5/16 Medium	2
15	83424	Base and Brg. Assy	1
16	PC-3-23	Cotter Pin 1/16 x ½	1



SLIDE ROD & BEARING CARRIER ASSEMBLY

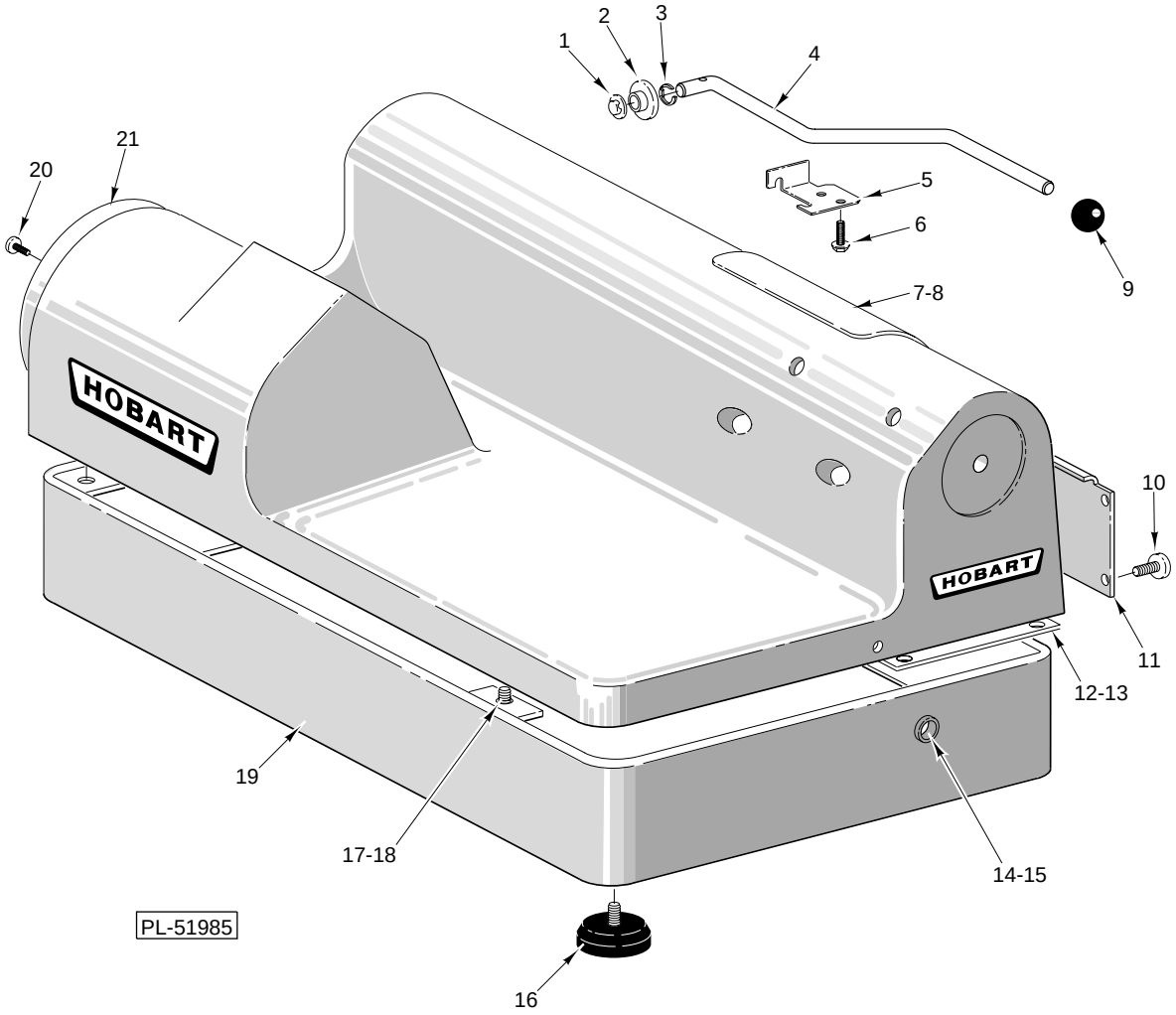
SLIDE ROD & BEARING CARRIER ASSEMBLY

ILLUS. PL-51983	PART NO.	NAME OF PART	AMT.
1	10928-2	Nut - Special	1
2	274899	Roller - Horizontal	1
3	274898	Stud - Horizontal Roller	1
4	SC-118-52	Set Screw ¼-20 x ½ Hdls. Cup Pt.	1
5	107364-2	Washer - Belleville	2
6	RR-11-60	Retaining Ring	1
7	108197-5	Thumb Screw	1
8	70194	Handle - Gauge Plate	1
9	88749-2	Carriage Support & Plug Assy. (Incls. items 4 & 8)	1
10	274896	Stud - Vertical Roller	1
11	SC-37-21	Cap Screw ½-13 x 1 ½ Hex Hd.	1
12	WL-6-35	Lockwasher ½ Light	1
13	274925-2	Carriage Bearing Sub Assy.	1
14	274895	Wick - Carriage Bearing	1
15	10928-2	Nut - Special	1
16	274903	Spring - Carriage Bearing	1
17	435707	Washer - Bumper (Rubber)	1
18	435708	Washer - Backup (SST)	2
19	437610	Bushing - Nyliner (Incls. item 20)	2
20	437612	Liner - Bushing	2
21	109870	Stud - Eccentric	1
22	BB-4-11	Ball Bearing - Hoover #626ZZ	1
23	RR-9-15	Retaining Ring	1
24	438701	Magnet Housing Assy.	1
25	SC-25-26	Mach. Screw 8-32 x ⅜ Bdg. Hd.	2
26	WL-13-8	Lockwasher 8 Internal Shakeproof	2
27	SD-24-48	Self-Tapping Screw 5/16-18 x 1 ⅜ Hex Washer Hd. “Taptite”	4
28	WL-7-20	Lockwasher 5/16 Ext. “Shakeproof”	4
29	123686-1	Slide Rod - Lower	1
30	435707	Washer - Bumper (Rubber)	1
31	123686-2	Slide Rod - Upper	1
32	RR-9-15	Retaining Ring	1
33	274897	Roller - Vertical	1
34	BB-4-11	Ball Bearing - Hoover #626ZZ	1
35	274903	Spring - Carriage Bearing	1
	86262	Eccentric Stud, Bearing & Nut Assy. (Incls. items 15, 21, 22 & 23)	1



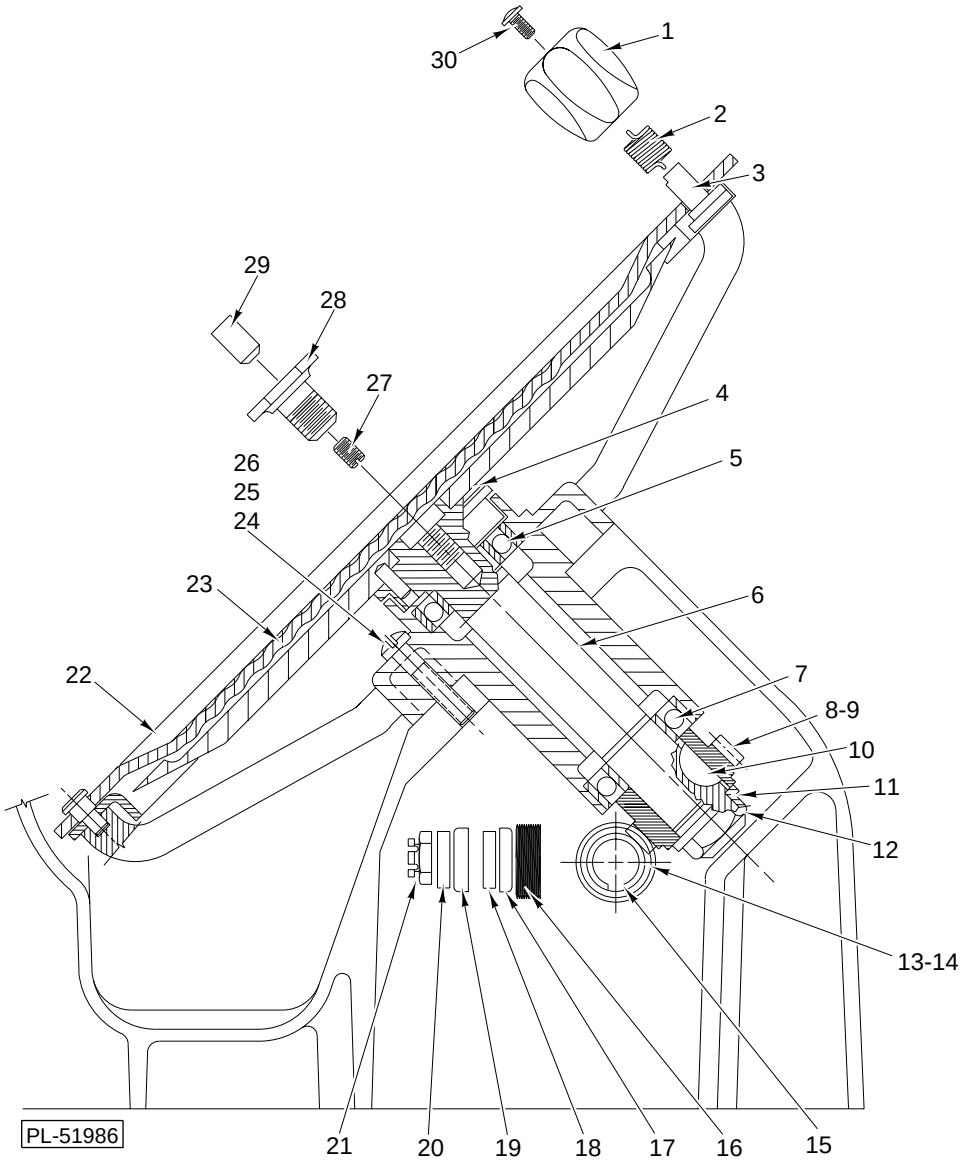
BASE 1612E

ILLUS. PL-51984	PART NO.	NAME OF PART	AMT.
1	437479	Access Cover - Slide Rods	1
2	SD-37-77	Self-Tapping Screw 6-32 x ⅜ Truss Hd., Type T	4
3	SC-10-32	Mach. Screw 8-32 x ⅜ Truss Hd.	4
4	274902	Panel - Side	1
5	SD-24-13	Self-Tapping Screw 8-32 x ⅜ Pan Hd., Type TT	2
6	437655	Cover - Electronics	1
7	SC-41-2	Cap Screw ¼-20 x 1 Hex Hd.	1
8	WL-14-10	Lockwasher ¼ Ext. “Shakeproof”	1
9	WS-22-6	Washer	1
10	WL-14-10	Lockwasher ¼ Ext. “Shakeproof”	1
11	WS-22-6	Washer	1
12	NS-15-1	Full Nut ¼-20 Hex	2
13	437866	Retainer - Leg	1
14	SD-24-13	Self-Tapping Screw 8-32 x ⅜ Pan Hd., Type TT	2
15	437865	Leg - Cleaning	1
16	18682-1	Bumper	4
17	SD-24-5	Self-Tapping Screw 5/16-18 x ⅝ Hex Hd., Type TT	2
18	SD-24-4	Self-Tapping Screw 10-24 x ⅝ Hex Hd., Type TT	5
19	116670	Cover - Gear Case	1
20	117710	Gasket - Gear Case Cover	1
21	SD-24-19	Self-Tapping Screw 8-32 x ⅜ Truss Hd., Type TT	2
22	70238	Cover - Bearing Bracket	1



BASE 1712E/1712RE

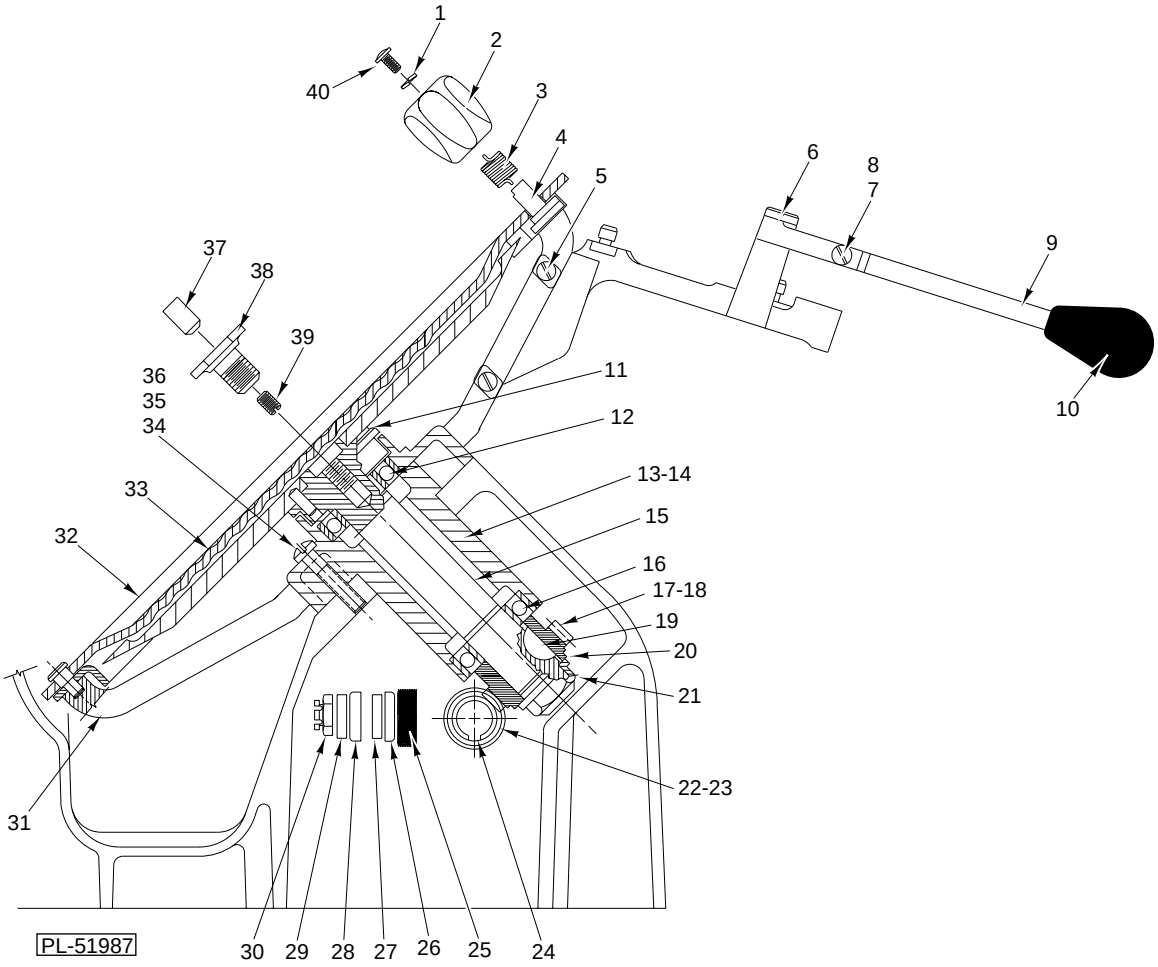
ILLUS. PL-51985	PART NO.	NAME OF PART	AMT.
1	106502	Push Nut	1
2	108001	Foot - Lifting Lever	1
3	RR-9-10	Retaining Ring	1
4	106504	Lever - Lifting	1
5	121920	Retainer - Lifting Lever	1
6	SD-9-16	Self-Tapping Screw ¼-20 x ¾ Hex Hd., Type F	2
7	437479	Access Cover - Slide Rods	1
8	SD-37-77	Self-Tapping Screw 6-32 x ⅜ Truss Hd., Type T	4
9	106503	Knob - Lifting Lever	1
10	SC-10-32	Mach. Screw 8-32 x ⅜ Truss Hd.	4
11	274902	Panel - Side	1
12	437655	Cover - Electronics	1
13	SD-24-13	Self-Tapping Screw 8-32 x ⅜ Pan Hd., Type TT	7
14	290063	Bushing - Shifter Sleeve	1
15	RR-10-13	Retaining Ring	1
16	83681	Foot	4
17	SC-62-81	Cap Screw 5/16-18 x ⅞ Hex Hd.	4
18	WL-3-44	Lockwasher 5/16 Medium	4
19	290038-1	Sub-Base & Bushing Assy. (Incls. item 17)	1
20	SD-24-19	Self-Tapping Screw 8-32 x ⅜ Truss Hd., Type TT	2
21	70238	Cover - Bearing Bracket	1
	106505	Lever & Foot Assy. (Incls. items 1 thru 4 & 9)	1



KNIFE UNIT
(ML-104029, ML-104030 & ML-104031)

KNIFE ASSY.
(ML-104029, ML-104030, & ML-104031)

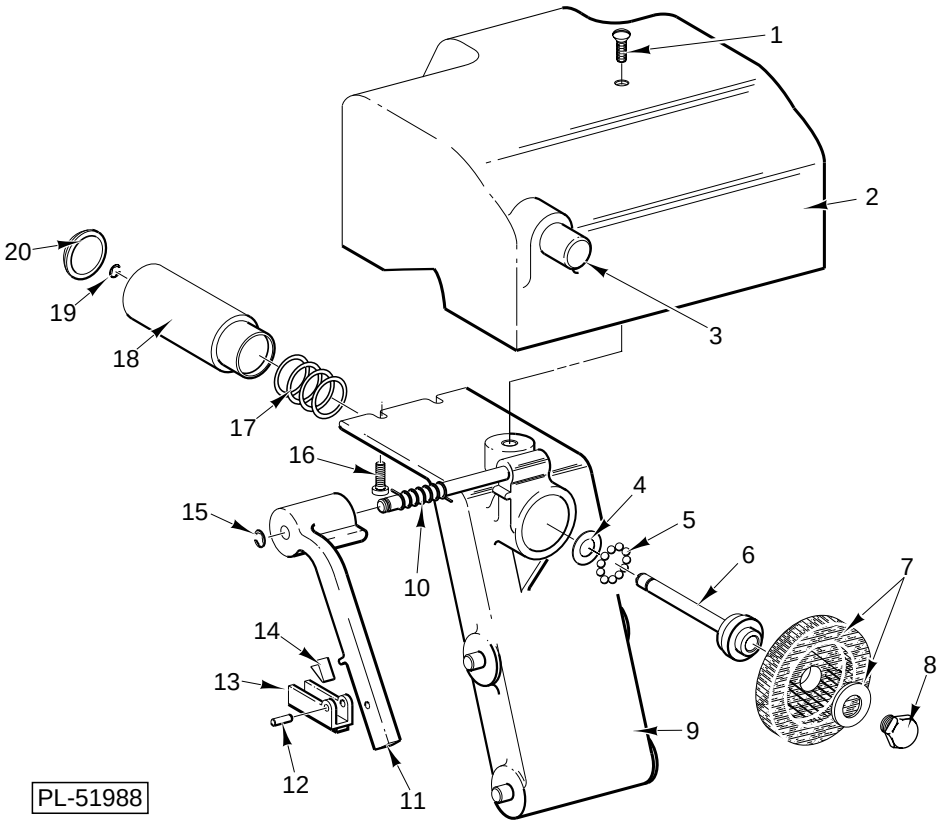
ILLUS. PL-51986	PART NO.	NAME OF PART	AMT.
1	437879	Knob - Top Cover Locking	1
2	437994	Spring - Top Cover	1
3	437880	Stud - Top Cover Locking	1
4	111154	Ring - Knife Shaft	1
5	BB-15-8	Ball Bearing MRC 105KSZZ-01-ST-A-92-C	1
6	435785	Knife Shaft & Dowel	1
7	BB-15-8	Ball Bearing MRC 105KSZZ-01-ST-A-92-C	1
8	274908-2	Gear - Knife Shaft Worm (24T)(1712E & 1712RE)	1
9	274908-1	Gear - Knife Shaft Worm (25T)(1612E)	1
10	KW-3-10	Key - 606 Woodruff	1
11	WS-11-46	Washer	1
12	NS-46-29	Lock Nut ¾-16 Flexlox	1
13	437575	Worm (5T)(1712E & 1712RE)(Use with item 8)	1
14	294193	Worm (4T)(1612E)(Use with item 9)	1
15	12430-3	Key ⅛ Sq. x 1 ⅛ Lg.	1
16	70239	Conveyor - Oil	1
17	274759	Retainer - Washer	1
18	274760-1	Washer - Shock (4 ⅛₄ I.D.)	1
19	WS-7-50	Washer	1
20	437113	Washer - Special	1
21	NS-32-23	Lock Nut 7⁄16-20 “Flexloc”	1
22	437422	Top Knife Cover Assy. (Packaged)	1
23	439870-1	Knife - Service	1
24	SD-37-44	Self-Tapping Screw ¼-20 x 1 ⅝ Pan Hd., Type TT	4
25	WS-22-8	Washer	2
26	435401	Spacer - Deflector Mounting	2
27	SC-64-4	Set Screw ¼-28 x ⅜ Hdls., Flat Pt. “Nylok”	1
28	73356-2	Screw - Knife (Incls. items 27 & 29)	1
29	73265	Plug - Plate Thrust	1
30	SC-122-53	Mach. Screw 4-40 x ⅝ Phil. Pan Hd.	1



KNIFE UNIT
(ML-104546, ML-104547 & ML-104548)

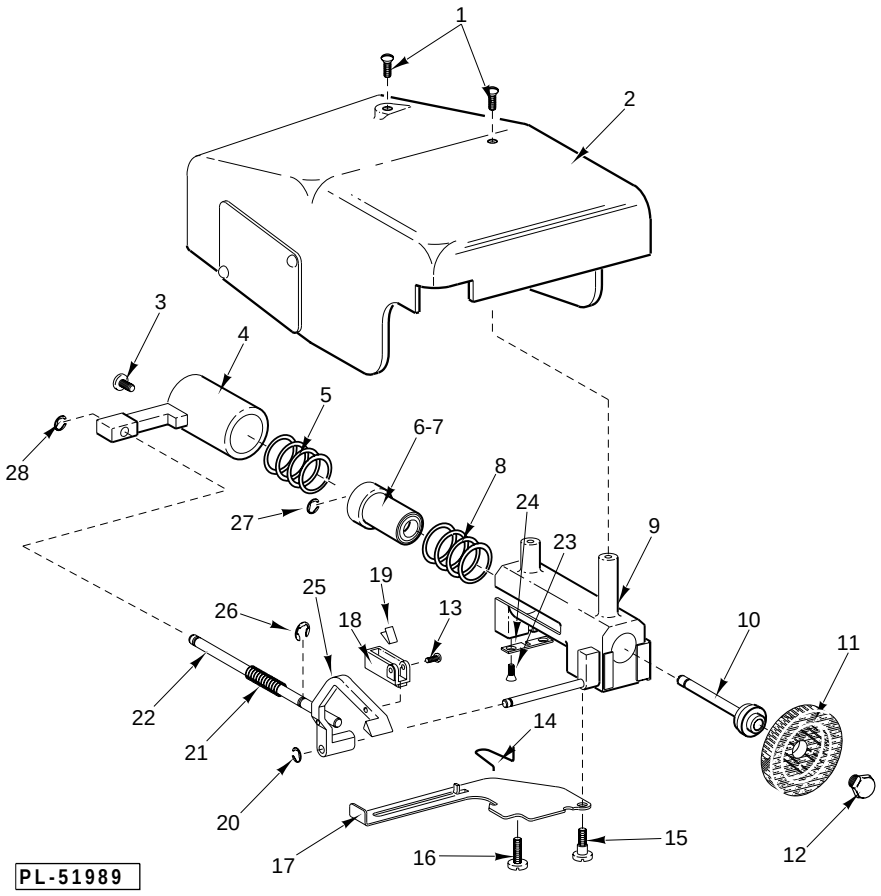
KNIFE ASSY.
(ML-104546, ML-104547 & ML-104548)

ILLUS. PL-51987	PART NO.	NAME OF PART	AMT.
1	WL-3-12	Lockwasher 8 Medium	1
2	437879	Knob - Top Cover Locking	1
3	437994	Spring - Top Cover	1
4	437880	Stud - Top Cover Locking	1
5	SC-119-55	Mach. Screw 10-24 x 1 Pan Hd.	4
6	438455	Shoulder Bolt	1
7	438448	Cam Roller & Rivet Assy.	1
8	SC-122-86	Mach. Screw “Special” 6-32 x ⅝ Pan Hd.	1
9	438423	Handle - Cam	4
10	438420	Knob	2
11	111154	Ring - Knife Shaft	1
12	BB-15-8	Ball Bearing MRC 105KSZZ-01-ST-A-92-C	1
13	439697-3	Knife Shaft Guard Ring & Hub (1612E)(Incls. items 12, 16, 18 thru 21 & 31)	1
14	439697-4	Knife Shaft Guard Ring & Hub (1712E/1712RE)(Incls. items 12, 16, 17, 19, 20, 21 & 31)	1
15	435785	Knife Shaft & Dowel	1
16	BB-15-8	Ball Bearing MRC 105KSZZ-01-ST-A-92-C	1
17	274908-2	Gear - Knife Shaft Worm (24T)(1712E & 1712RE)	1
18	274908-1	Gear - Knife Shaft Worm (25T)(1612E)	1
19	KW-3-10	Key - 606 Woodruff	1
20	WS-11-46	Washer	1
21	NS-46-29	Lock Nut ¾-16 Flexlox	1
22	437575	Worm (5T)(1712E & 1712RE)(Use with item 13)	1
23	294193	Worm (4T)(1612E)(Use with item 14)	1
24	12430-3	Key ⅛ Sq. x 1 ⅛ Lg.	1
25	70239	Conveyor - Oil	1
26	274759	Retainer - Washer	1
27	274760-1	Washer - Shock (4 1/64 I.D.)	1
28	WS-7-50	Washer	1
29	437113	Washer - Special	1
30	NS-32-23	Lock Nut 7/16-20 “Flexloc”	1
31	439696-2	Pin & Ring Guard Assy. (Incls. items 5 thru 10)	1
32	437422	Top Knife Cover Assy. (Packaged)(Incls. items 1 thru 4 & 40)	1
33	439870-1	Knife - Service	1
34	SD-37-44	Self-Tapping Screw ¼-20 x 1 ⅝ Pan Hd., Type TT	4
35	WS-22-8	Washer	2
36	435401	Spacer - Deflector Mounting	2
37	73265	Plug - Plate Thrust	1
38	73356-2	Screw - Knife (Incls. items 37 & 39)	1
39	SC-64-4	Set Screw ¼-28 x ⅜ Hdls., Flat Pt. “Nylok”	1
40	SC-122-53	Mach. Screw 4-40 x ⅝ Phil. Pan Hd.	1



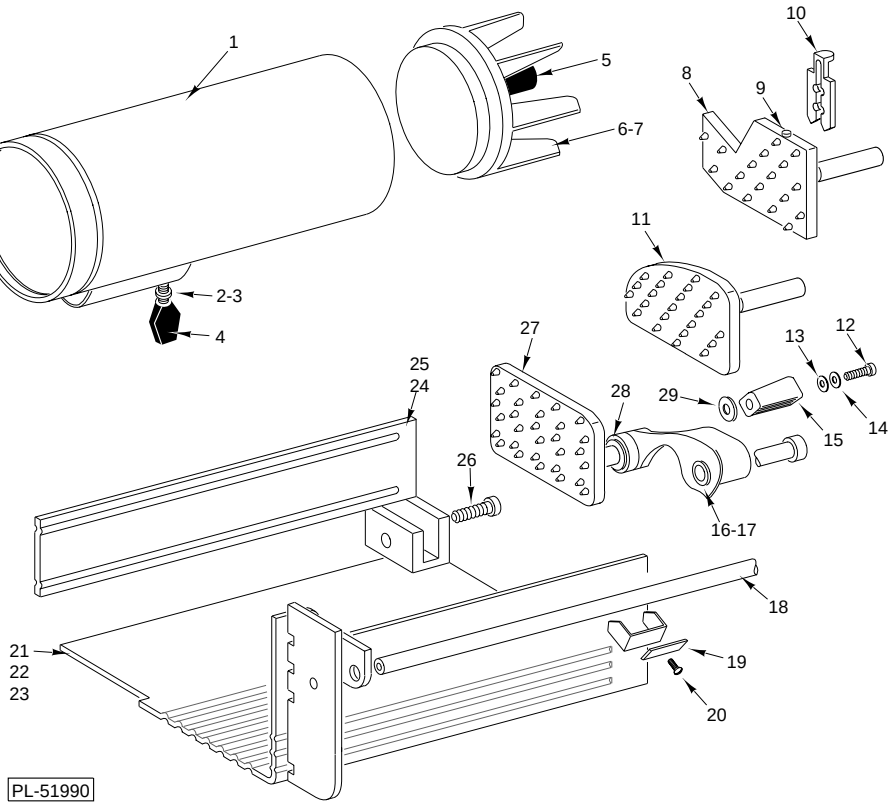
KNIFE SHARPENER UNIT
(ML-104029, ML-104030 & ML-104031)

ILLUS. PL-51988	PART NO.	NAME OF PART	AMT.
1	SC-122-31	Mach. Screw 8-32 x 7/16 Phil. Oval Hd.	1
2	435081	Top Cover - Sharpener	1
3	274934	Button - Truing Arm	1
4	119871	Spacer - Grinding Wheel Shaft	1
5	BA-2-1	Ball 1/8 Dia.	11
6	270503	Shaft - Grinding Wheel	1
7	437847	Stone Service Kit (Incls. Grinding Wheel)	1
8	435814	Retaining Screw (R.H.)	1
9	274933	Body - Sharpener & Pins	1
10	437384	Spring - Truing Arm	1
11	274929	Arm - Truing	1
12	PG-7-40	Groove Pin 1/16	1
13	119882	Holder & Truing Stone Assy	1
14	435324	Spring - Truing Stone	1
15	RR-6-22	Retaining Ring	1
16	SD-15-40	Self-Tapping Screw 8-32 x 3/8 Phil Pan Hd., Type TT	2
17	119867	Spring - Compression	1
18	270501	Sleeve - Sharpener	1
19	RR-11-4	Retaining Ring	1
20	69585-1	Plug Button	1
	274926	Sharpener Assy. (Incls. items 1 thru 6, 8 thru 20 & Grinding Wheel)	1
	437848	Sharpener Kit (Incls. Grinding Wheel)	1



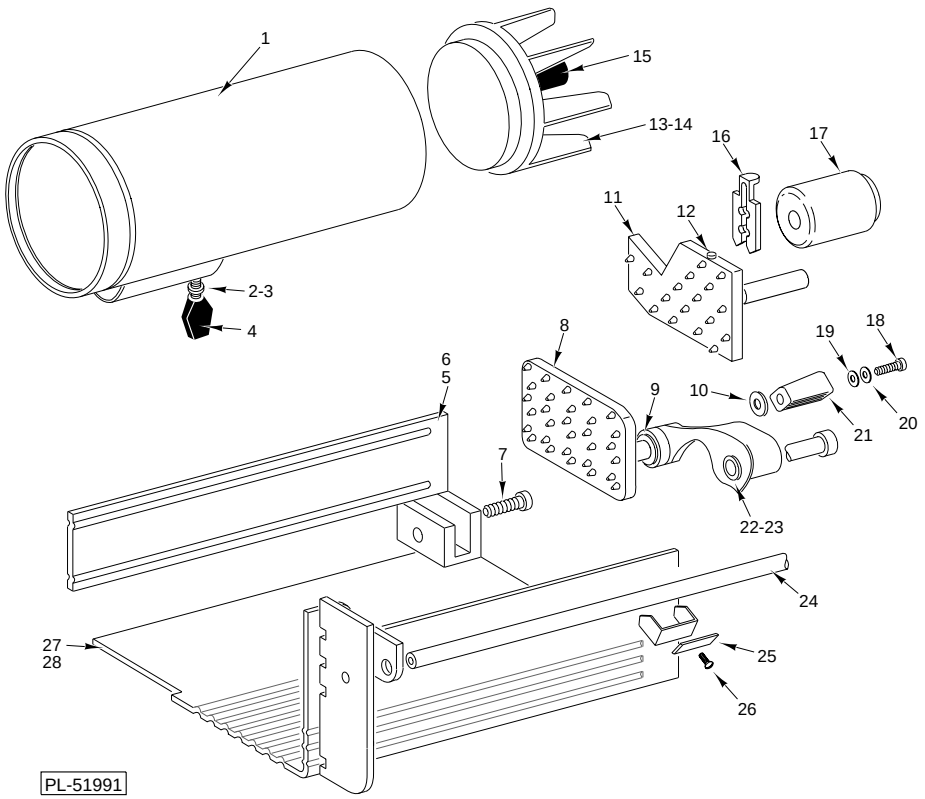
KNIFE SHARPENER UNIT
(ML-104546, ML-104547 & ML-104548)

ILLUS. PL-51989	PART NO.	NAME OF PART	AMT.
1	SC-122-93	Mach. Screw “Special” 10-24 x ½ Phil. Truss Hd.	2
2	438459-1	Plate & Cover Assy.	1
3	SC-122-87	Mach. Screw “Special” 8-32 x ¼ Pan Hd.	1
4	438428-2	Actuator	1
5	438430	Spring - Main	1
6	438464	Plunger & Ball Bearing Assy. (Incls. item 7)	1
7	BB-21-36	Ball Bearing NSK R4BDD	2
8	438437	Spring - Return	1
9	438449	Housing & Stud Assy.	1
10	438417	Shaft - Grinding Wheel	1
11	439691	Stone Service Kit	1
12	435814	Retaining Screw (R.H.)	1
13	SC-122-84	Mach. Screw “Special” 2-56 x 9/16 Pan Hd.	1
14	438435	Spring - “U” (Long End Inserted Into Housing)	1
15	438442	Screw - Shoulder “Special”	1
16	SC-122-87	Mach. Screw “Special” 8-32 x ¼ Pan Hd.	1
17	439698	Lever - Locking	1
18	438466	Stone - Truing	1
19	435324	Spring - Truing Stone	2
20	RR-6-22	Retaining Ring	1
21	438426	Spring - Truing Arm	1
22	438443	Rod - Truing Arm Pusher	1
23	SC-122-85	Mach. Screw “Special” 4-40 x ¼ Flat Hd.	2
24	439700	Plate - Rear Locking	1
25	438445	Arm - Truing & Pusher Rod Assy. (Incls. items 22, Stud & Truing Arm)	1
26	RR-6-3	Retaining Ring	1



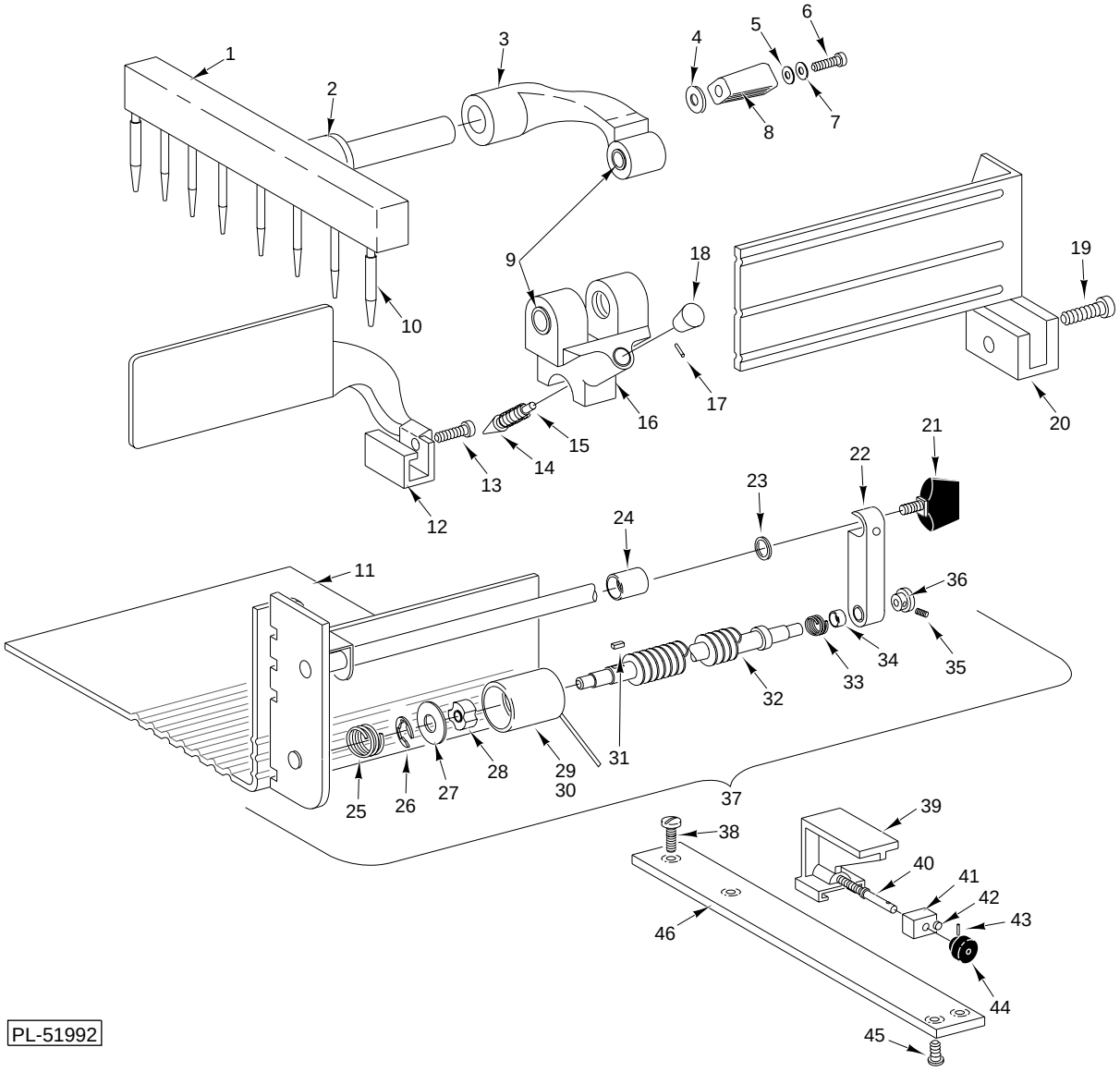
1612E CARRIAGE TRAY

ILLUS. PL-51990	PART NO.	NAME OF PART	AMT.
1	118332-1	Tube & Angled Seat Assy	1
2	RR-11-60	Retaining Ring	1
3	107364-2	Washer - Belleville	1
4	108197-5	Thumb Screw	1
5	70194	Handle - Gauge Plate	1
6	75930	Plate - Pusher	1
7	75945	Pusher Plate & Handle Assy. (Incls. items 5 & 6)	1
8	438176	Meat Grip Assy. (Heavy)(Packaged)(Incls. items 9 & 10)	1
9	70360-1	Button - Plastic	5
10	70341	Meat Holder - Meat Grip (Use with item 8)	2
11	438175	Meat Grip Assy. (Light Weight)(Packaged)	1
12	68042	Screw - Truss Hd. “Nylok”	1
13	70344	Washer - Handle Tension	1
14	70345	Washer - Handle Retaining	1
15	70202	Handle - Meat Grip (Non-Metallic)	1
16	437124	Bearing - Meat Grip Arm	2
17	WS-21-19	Washer	AR
18	435949	Shaft - Knob Assy.	1
19	72579	Clip - Meat Grip Retaining	1
20	SC-8-9	Mach. Screw 10-24 x ⅜ Rd. Hd.	2
21	437115-1	Carriage Tray Assy. (SST)	1
22	437119-6	Carriage Tray Assy. (1612)(Incls. items 2,3,12 thru 15,17,19,20,21,27,28 & 29)	1
23	437119-7	Carriage Tray Assy. (1712)(Incls. items 2,3,4,12 thru 15,17,19,20,21,27,28 & 29)	1
24	295118	Fence & Thumb Screw Assy. (Packaged)(SST)(Incls. item 26)	1
25	295117	High Fence & Thumb Screw Assy. (Horizontal Carriage Tray)(SST)(Incls. item 26)	1
26	290984	Thumb Screw - Fence	1
27	437908	Meat Grip Assy. (Standard)	1
28	438280	Bushing	1
29	437006	Washer - Handle	1
	ML-31329-Z	Food Chute Attachment Assy. (Incls. items 1 & 3 thru 6)	1
	437912-1	Meat Grip Assy. & Arm Assy. (Incls. items 12 thru 15, 27, 28 & 29)	1



1712E CARRIAGE TRAY

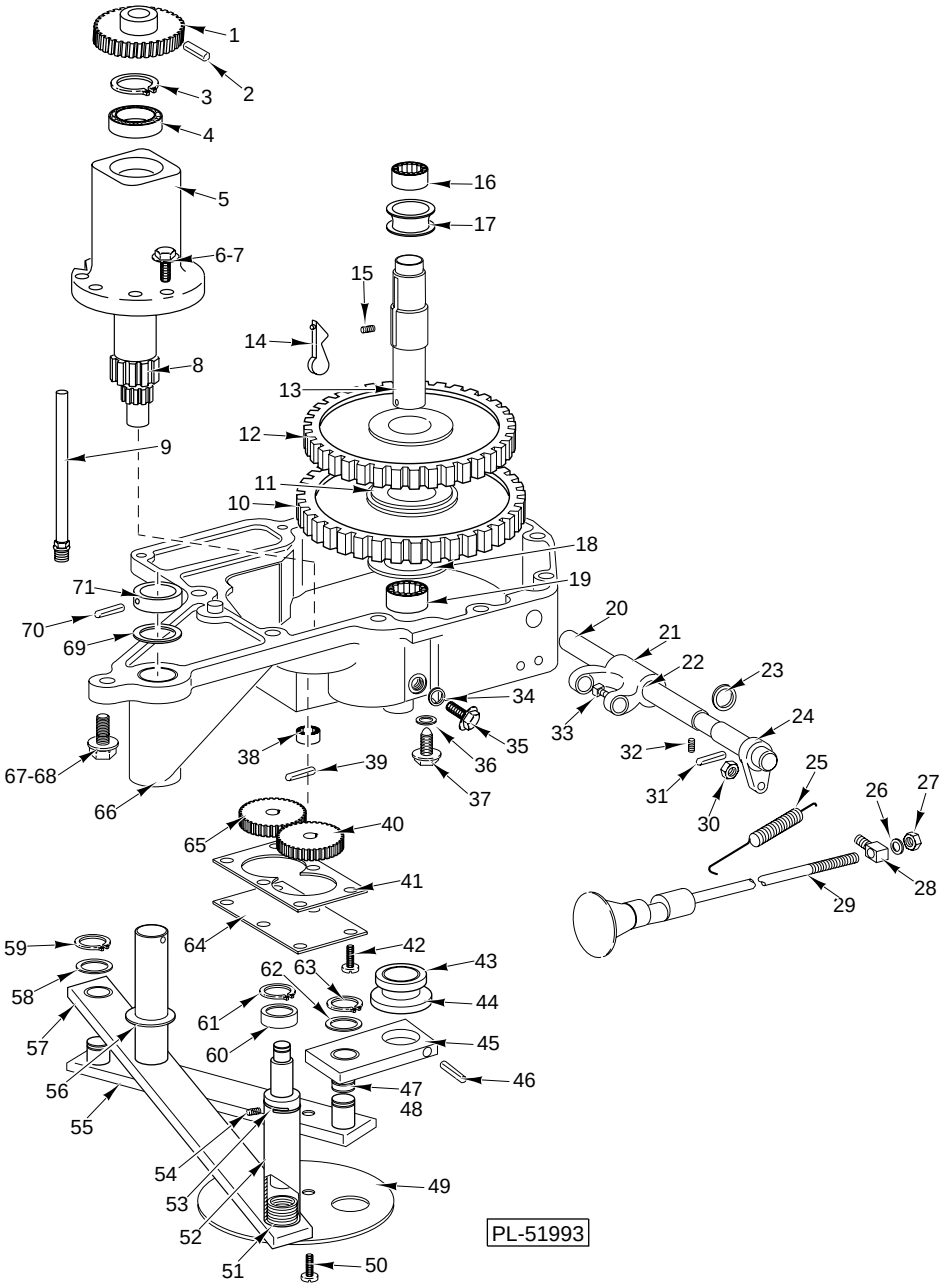
ILLUS. PL-51991	PART NO.	NAME OF PART	AMT.
1	118332-1	Tube & Angled Seat Assy	1
2	RR-11-60	Retaining Ring	1
3	107364-2	Washer - Belleville	1
4	108197-5	Thumb Screw	1
5	295118	Fence & Thumb Screw Assy. (Packaged)(SST)(Incls. item 7)	1
6	295117	High Fence & Thumb Screw Assy. (Horizontal Carriage Tray)(SST)(Incls. item 7)	1
7	290984	Thumb Screw - Fence	1
8	437908	Meat Grip Assy. (Standard)	1
9	438280	Bushing	1
10	437006	Washer - Handle	1
11	438176	Meat Grip Assy. (Heavy)(Packaged)(Incls. items 12 & 16)	1
12	70360-1	Button - Plastic	5
13	75930	Plate - Pusher	1
14	75945	Pusher Plate & Handle Assy. (Incls. items 13 & 15)	1
15	70194	Handle - Gauge Plate	1
16	70341	Meat Holder - Meat Grip (Use with item 11)	2
17	438177	Handle - Meat Grip (Heavy)(Packaged)	1
18	68042	Screw - Truss Hd. “Nylok”	1
19	70344	Washer - Handle Tension	1
20	70345	Washer - Handle Retaining	1
21	70202	Handle - Meat Grip (Non-Metallic)	1
22	437124	Bearing - Meat Grip Arm	2
23	WS-21-19	Washer	AR
24	435949	Shaft - Knob Assy.	1
25	72579	Clip - Meat Grip Retaining	1
26	SC-8-9	Mach. Screw 10-24 x ⅜ Rd. Hd.	2
27	437115-1	Carriage Tray Assy. (SST)	1
28	437116	Horizontal Carriage Tray & Slide Rod Assy.(SST)	1
	437912-1	Meat Grip Assy. & Arm Assy. (Incls. items 8, 9, 10 & 18 thru 22)	1
	ML-31329-Z	Food Chute Attachment Assy. (Incls. items 1, 3, 4, 13 & 15)	1
	437120	Horizontal Carriage Tray, Grip & Arm (Incls. items 2, 3, 4, 23, 25, 26 & 28)	1



1712RE CARRIAGE TRAY

1712RE CARRIAGE TRAY

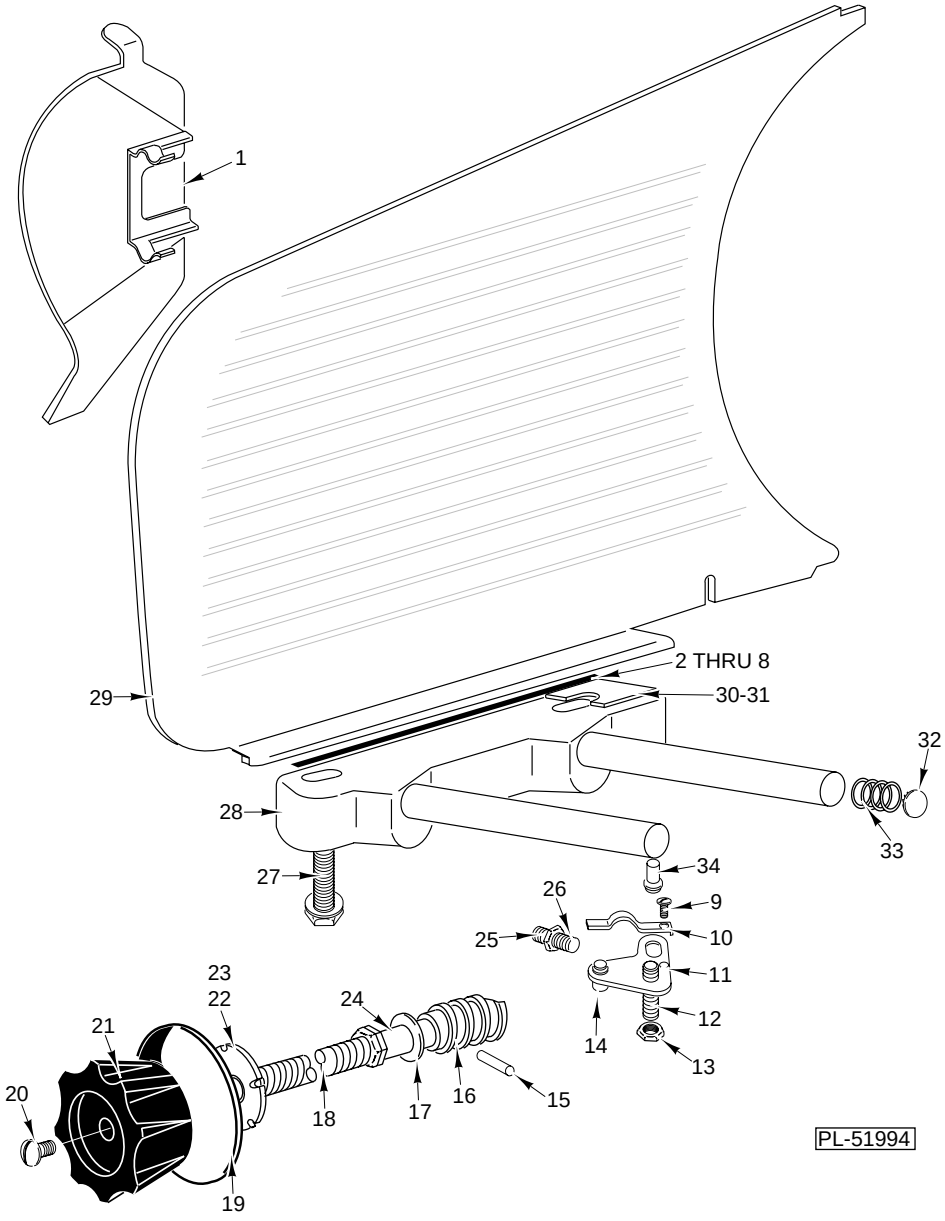
ILLUS. PL-51992	PART NO.	NAME OF PART	AMT.
1	105134-2	Meat Grip Assy. (Incls. item 10)	1
2	438280	Bushing	1
3	437164-2	Meat Grip Arm & Bearing Assy. (Incls. item 9)	1
4	437006	Washer - Handle	1
5	70344	Washer - Handle Tension	1
6	68042	Screw - Truss Hd. “Nylok”	1
7	70345	Washer - Handle Retaining	1
8	70202	Handle - Meat Grip (Non-Metallic)	1
9	437124	Bearing - Meat Grip Arm	4
10	291665	Cover - Meat Grip Pin	2
11	290973	Carriage Tray & Slide Rod Assy	1
12	295117	High Fence & Thumb Screw Assy. (Packaged)(Incls. item 13)	1
13	290984	Thumb Screw - Fence	1
14	105067	Plunger - Feed Screw	1
15	105065	Spring - Plunger	1
16	114912	Plunger Housing Assy. (Incls. items 9, 14, 15, 17 & 18)	1
17	PG-7-44	Groov Pin - Type E, 3/32 x 7/16	1
18	116491	Knob - Plunger	1
19	290984	Thumb Screw - Fence	1
20	295117	High Fence & Thumb Screw Assy. (Packaged)(Incls. item 19)	1
21	108197-9	Thumb Screw	1
22	105240	Feed Screw Latch & Bushing Assy	1
23	WS-21-19	Washer	1
24	436902	Spacer - Feed Screw	1
25	105064	Spring - Clutch Housing	1
26	RR-4-5	Retaining Ring	1
27	105068	Washer - Clutch Housing	1
28	105073	Clutch - Special	2
29	290965	Clutch Housing Assy.	1
30	105057	Bushing	1
31	105393	Key	1
32	436903	Screw - Feed	1
33	105063	Spring - Feed Screw	1
34	105066	Cage - Spring	4
35	SC-55-2	Set Screw 1/4-20 x 1/4 Hdls., Kn. Cup Pt.	2
36	291342	Knob - Feed Screw	2
37	437383	Tray - Horizontal (Incls. items 11, 16, 21 thru 29 & 31 thru 36)	1
38	SC-22-39	Mach. Screw 1/4-20 x 5/8 Flat Hd.	1
39	105186	Block - Actuating	1
40	105071	Screw - Adjusting	1
41	105075	Retainer - Adjusting Screw	1
42	79686	Catch - Friction	1
43	RP-2-33	Roll Pin 3/32 Dia. x 1 Lg.	1
44	105069	Knob - Adjusting Screw	1
45	SC-22-19	Mach. Screw 10-24 x 1/2 Flat Hd.	2
46	291343-1	Slide Plate - Actuating Block	1
	105078	Slide Plate Knob & Adjusting Screw Assy. (Incls. items 39 thru 46)	1
	105582-2	Meat Grip Arm & Handle Assy. (Incls. items 1 thru 8)	1



1712E/1712RE GEAR CASE

ILLUS. PL-51993	PART NO.	NAME OF PART	AMT.
1	70159	Gear - Worm (29T)	1
2	RP-3-8	Roll Pin 3⁄16 Dia. x 1 1⁄8 Lg	1
3	RR-11-52	Retaining Ring	1
4	BB-15-37	Ball Bearing - N.D. #3L03	1
5	70156	Carrier - Pinion Shaft Bearing	1

6	SC-36-6	Cap Screw ¼-20 x 1 Hex Hd.	3
7	WL-3-37	Lockwasher ¼ Medium	3
8	72716	Shaft - Pinion (19T & 14T)	1
9	70248	Fitting & Oil Tube Assy	1
10	72715	Gear - Driven (119T) (Low Speed)	1
11	70274	Collar - Diving Key	1
12	70170	Gear - Driven (114T)(High Speed)	1
13	293036	Shaft - Crank Arm Drive	1
14	435543	Key - Diving	1
15	70308	Spring - Diving Key	1
16	BN-2-14	Needle Bearing (Torrington #M-881)	1
17	61656	Sleeve - Clutch Shifter	1
18	70281	Washer - Gear Thrust	1
19	BN-2-15	Needle Bearing (Torrington #B-126)	1
20	70267	Shaft - Shifter	1
21	61654	Yoke - Shifter	1
22	12430-3	Key ⅛ Sq. x 1 ⅛ Lg.	1
23	67500-2	“O” Ring	1
24	70296	Bracket - Shifter	1
25	70285	Spring - Shifter Mech.	1
26	WL-8-13	Lockwasher 10 Internal Shakeproof	2
27	NS-9-30	Mach. Nut 10-32 Hex	2
28	70286	Knuckle - Shifter	1
29	70446	Shift Rod, Selector & Knob Assy	1
30	NS-32-1	Stop Nut 10-24 “Flexloc”	1
31	RP-2-28	Roll Pin 3/16 Dia. x ¾ Lg.	1
32	SC-63-14	Set Screw 8-32 x ¼ Hdls., Flat Pt.	1
33	61655	Shoe - Shifter	2
34	WS-21-20	Washer	1
35	64465-3	Plug - Oil Fill	1
36	WS-21-21	Washer	1
37	SC-62-68	Cap Screw ½-20 x ¾ Hex Hd.	1
38	BN-2-13	Needle Bearing (Torrington #B-86)	1
39	11800-200	Dowel	1
40	70243	Gear - Oil Pump Drive (27T)	1
41	70244	Gasket - Bottom Cover	1
42	SC-14-76	Mach. Screw 10-24 x ⅜ Flat Hd.	6
43	70442	Seal - Drive Shaft	1
44	70290	Washer - Crank Arm Thrust	1
45	123889	Arm & Bearing Assy	1
46	RP-2-46	Roll Pin ¼ Dia. x 1 ¼ Lg.	1
47	WS-8-9	Washer	2
48	WS-8-8	Washer	1
49	103915	Cover Plate - Connecting Rod	2
50	SC-9-28	Mach. Screw 10-24 x ⅜ Rd. Hd.	2
51	70307	Spring - Engaging Mech	1
52	70295	Shaft - Engaging Mech	1
53	70396	Ring - Stop Retaining	1
54	70324	Stop - Engaging Mech. Shaft	1
55	70268	Connecting Rod Assy	1
56	70283	Washer - Thrust	1
57	70259	Engaging Arm Assy	1
58	WS-7-21	Washer	1
59	RR-4-17	Retaining Ring	1
60	70303	Roller - Engaging Mech	1
61	RR-4-3	Retaining Ring	1
62	WS-7-21	Washer	1
63	RR-4-17	Retaining Ring	1
64	70234	Cover - Gear Pump Bottom	1
65	70242	Gear - Oil Pump Idler (27T)	1
66	124640-1	Gear Case, Bearing & Dowel Assy. (Incls. items 19 & 43)	1
67	SD-33-8	Self-Tapping Screw 5/16-18 x 1 Hex Washer Hd., Type TT	4
68	SD-33-9	Self-Tapping Screw 5/16-18 x 3 Hex Washer Hd., Type TT	7
69	70283	Washer - Thrust	1
70	RP-3-12	Roll Pin ⅛ Dia. x 1 ¼ Lg.	1
71	70275	Collar - Pivot Shaft Thrust	1
	72714	Bearing, Carrier, Pinion Shaft & Gear Assy. (Incls. items 1 thru 5 & 8)	1
	106933	Drive Shaft Assy. (Incls. items 13, 14, 15 & 17)	1



GAUGE PLATE & INDEXING MECHANISM

GAUGE PLATE & INDEXING MECHANISM

ILLUS. PL-51994	PART NO.	NAME OF PART	AMT.
1	274911	Deflector	1
2	122559-1	Shim .0075 Thk.	AR
3	122559-2	Shim .010 Thk.	AR
4	122559-3	Shim .0125 Thk.	AR
5	122573-1	Shim .002 Thk.	AR
6	122573-2	Shim .003 Thk.	AR
7	122573-3	Shim .004 Thk.	AR
8	122573-4	Shim .005 Thk.	AR
9	SC-8-14	Mach. Screw 10-32 x 3/16 Rd. Hd.	1
10	437212	Spring - Indexing Plate	1
11	437213	Indexing Plate Assy. (Incls. items 9, 10, 12 & 14)	1
12	291569	Stud - Collar Assy	1
13	NS-32-12	Stop Nut 5/16-18 “Flexloc”	1
14	70342	Roller - Indexing	1
15	RP-3-1	Roll Pin 5/32 Dia. x 5/8 Lg.	1
16	87495	Worm - Indexing	1
17	88298	Washer - Belleville	2
18	10928-2	Nut - Special	2
19	118175	Dial Assy	1
20	SC-23-10	Mach. Screw 10-24 x 3/4 Oval Hd.	1
21	114214	Cap - Index Knob	1
22	76948	Disc. - Indexing Drive	1
23	RP-2-40	Roll Pin 3/32 Dia. x 3/4 Lg.	1
24	87494	Shaft - Indexing	1
25	NS-17-1	Jam Nut 1/4-20 Hex	1
26	SC-63-28	Set Screw 1/4-20 x 1 Hdls., Flat Pt.	1
27	112913	Screw - Special	2
28	274989	Gauge Plate Support & Slide Rod Assy	1
29	124768	Gauge Plate Unit	1
30	291171-1	Spacer - Gauge Plate Sprocket (.003 Thk.)	AR
31	291171-2	Spacer - Gauge Plate Sprocket (.005 Thk.)	AR
32	76952	Plug - Expansion	1
33	274906	Spring - Gage Plate	1
34	70343	Roller - Indexing Plate (Straight)	1
	87493	Indexing Shaft & Worm Assy. (Incls. items 15, 16 & 24)	1