



CATALOG OF REPLACEMENT PARTS

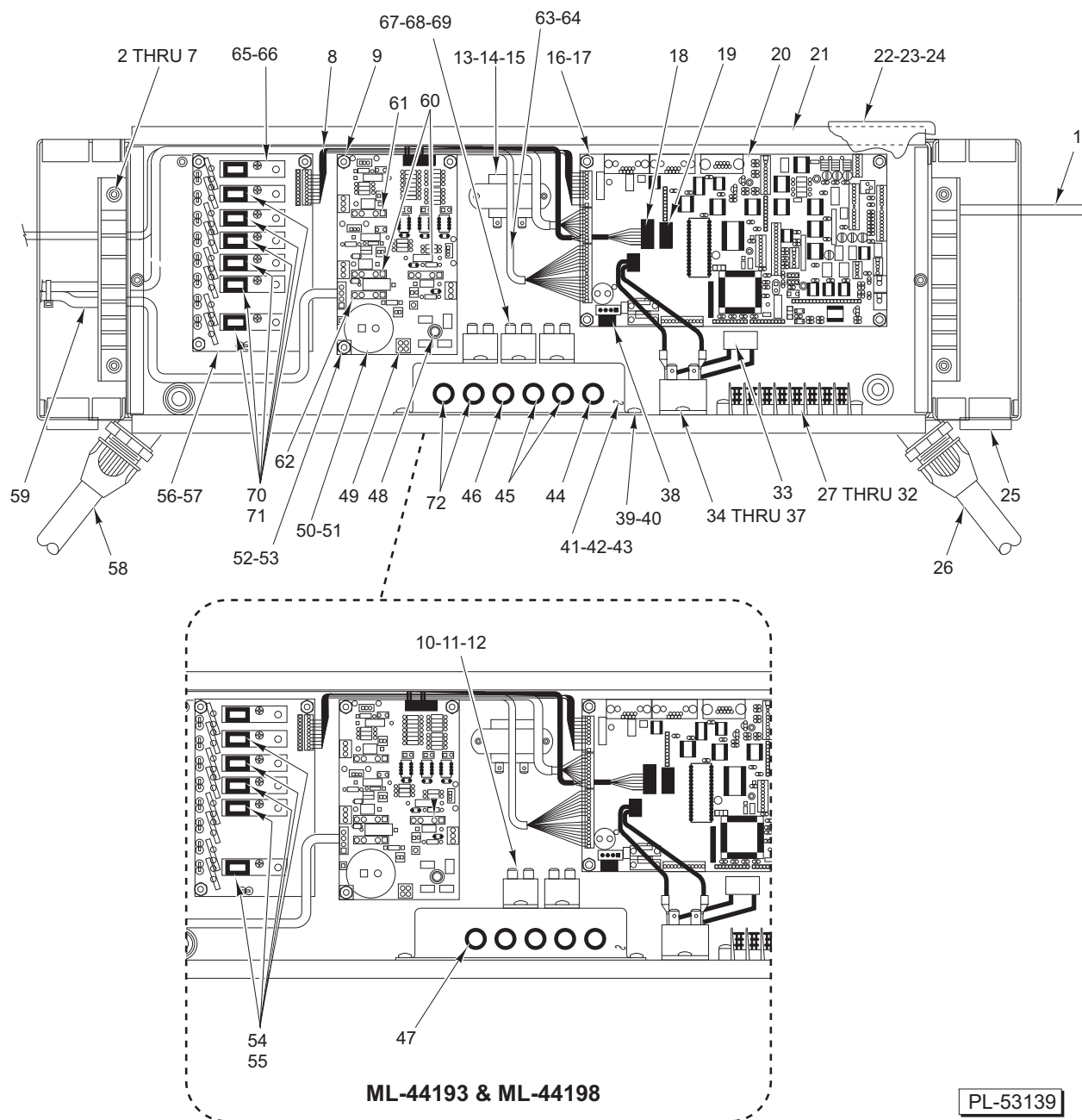
ULTIMA WRAPPING SYSTEM

UWS (1RL)	ML-44173
UWS (1LR)	ML-44174
UWS (1RLS)	ML-44202
UWS (1LRS)	ML-44203
UWS-1M	ML-44193
UWS-1MU	ML-44198

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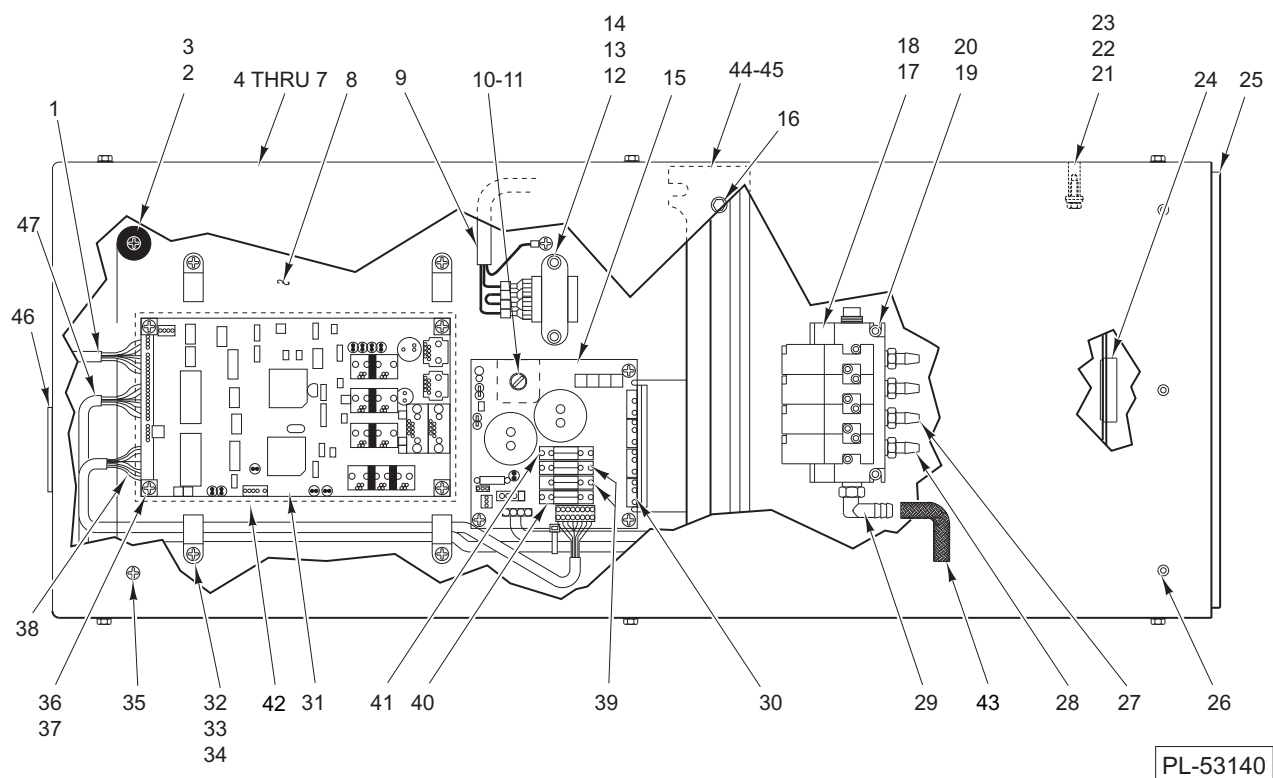


CONTROL BOX UNIT (WRAPPER)

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-53139			
1	00-042070-00013	Cable Assy. (10 Ft.).....	1
2	SC-100-04	Mach. Screw 10-24 x 3/8 Hex Washer Hd. (Previous Construction).....	4
3	SC-018-23	Mach. Screw 8-32 x 5/8 Phil. Pan Hd. (Current Construction).....	4
4	WL-008-07	Lockwasher #8 Internal Shakeproof (Current Construction).....	4
5	00-047939	Standoff Backstop (Previous Construction).....	4
6	00-048027	Support – Cable.....	2
7	00-442367	Cover Mount Assy. – Control Box.....	2
8	00-046934-00001	Harness – CPU/Module Board.....	1

CONTROL BOX UNIT (WRAPPER)

ILLUS. PL-53139	PART NO.	NAME OF PART	AMT.
9	SC-018-23	Mach. Screw 8-32 x 5/8 Phil. Pan Hd.....	2
10	WL-008-07	Lockwasher #8 Internal Shakeproof (ML-44193 & ML-44198).....	4
11	00-046971	Relay – Solid State (280 V.) (12 Amp.) (ML-44193 & ML-44198).....	2
12	SC-018-33	Mach. Screw 8-32 x 5/16 Phil. Pan Hd. (ML-44193 & ML-44198).....	4
13	WL-008-07	Lockwasher #8 Internal Shakeproof.....	4
14	00-044539	Transformer (115/220) (10 VAC).....	1
15	SC-018-33	Mach. Screw 8-32 x 5/16 Phil. Pan Hd.....	2
16	WL-008-07	Lockwasher #8 Internal Shakeproof.....	4
17	SC-018-23	Mach. Screw 8-32 x 5/8 Phil. Pan Hd.....	4
18	00-046935-00001	Harness – CPU/ PWM Board.....	1
19	00-046936-00001	Harness – CPU/ SSR's.....	1
20	00-048522	Board Assy. – Wrapper Controller.....	1
21	00-442068	Box – Control.....	1
22	SC-018-23	Mach. Screw 8-32 x 5/8 Phil. Pan Hd.....	2
23	WL-008-07	Lockwasher #8 Internal Shakeproof.....	2
24	00-442363	Cover – Control Box.....	1
25	FE-025-65	Bushing – Electrical.....	2
26	00-046987-00001	Cable Assy. (Right).....	1
27	00-046914	Block – Terminal (8 Position).....	1
28	WL-008-07	Lockwasher #8 Internal Shakeproof.....	2
29	SC-018-23	Mach. Screw 8-32 x 5/8 Phil. Pan Hd.....	2
30	00-046915	Cover – Terminal Block (8-Position).....	1
31	00-046916	Pin – Terminal Block Securing.....	2
32	00-046917	Strip – Marker.....	1
33	00-440193	Filter Assy. (R-C).....	3
34	00-046365	Relay – 2 Pole (30 Amp.) (DPST).....	1
35	SC-018-33	Mach. Screw 8-32 x 5/16 Phil. Pan Hd.....	2
36	WL-008-07	Lockwasher #8 Internal Shakeproof.....	2
37	00-046938-00001	Harness – CPU/ Relay.....	1
38	00-046937-00001	Harness – CPU/ Power/T1.....	1
39	SC-018-33	Mach. Screw 8-32 x 5/16 Phil. Pan Hd.....	2
40	WL-008-07	Lockwasher #8 Internal Shakeproof.....	2
41	00-047986	Box Assy. – Fuse.....	1
42	00-046911	Holder Fuse Panel Mount.....	6
43	00-334655-00005	Grommet – Caterpillar.....	1
44	FE-024-94	Fuse (4 Amp.) (250 V.).....	1
45	FE-025-05	Fuse (0.25 Amp.) (250 V.).....	2
46	00-330917	Fuse – Slow Blow (10 Amp.).....	1
47	FE-025-72	Fuse (6.25 Amp.) (250 V.) (ML-44193 & ML-44198).....	1
48	SC-018-23	Mach. Screw 8-32 x 5/8 Phil. Pan Hd.....	1
49	00-046943-00001	Harness – Power/T2.....	1
50	00-046969	Board Assy. – Solenoid (Wrapper DC Power Supply).....	1
51	SC-018-23	Mach. Screw 8-32 x 5/8 Phil Pan Hd.....	4
52	SC-018-23	Mach. Screw 8-32 x 5/8 Phil Pan Hd.....	1
53	WL-008-07	Lockwasher #8 Internal Shakeproof (Use at This Location Only for Board Mtg.).....	1
54	00-047473-00001	Module – SSR (240 VAC) (0.5 Amp.) (Fused) (ML-44193 & ML-44198).....	5
55	FE-025-70	Fuse (0.5 Amp.) (250 V.) (ML-44193 & ML-44198).....	6
56	00-046977	Board Assy. – Module.....	1
57	SC-018-23	Mach. Screw 8-32 x 5/8 Phil. Pan Hd.....	4
58	00-046986-00001	Cabinet Assy. (Left).....	1
59	00-042981-00001	Harness – Scale Motor Controller.....	1
60	FE-025-61	Fuse (1.25 Amp.) (250 V.).....	2
61	FE-025-62	Fuse (2 Amp.) (250 V.).....	1
62	FE-025-63	Fuse (5 Amp.) (250 V.).....	1
63	00-046941	Cable Assy. – Intake Switches CPU/ I (ML-44173, ML-44174, ML-44202, ML-44203, & ML-44198).....	1
64	00-441063	Cable Assy. – Intake Switches CPU/ I (ML-44193).....	1
65	00-047473-00002	Module – SSR (240 VAC) (1 Amp.) (Fused).....	1
66	FE-025-71	Fuse (1 Amp.) (250 V.).....	1
67	WL-008-07	Lockwasher #8 Internal Shakeproof (ML-44173, ML-44174, ML-44202, & ML-44203).....	6
68	00-046971	Relay – Solid State (280 V.) (12 Amp.) (ML-44173, ML-44174, ML-44202, & ML-44203).....	3
69	SC-018-33	Mach. Screw 8-32 x 5/16 Phil. Pan Hd. (ML-44173, ML-44174, ML-44202, & ML-44203).....	6
70	00-047473-00001	Module – SSR (240 VAC) (0.5 Amp.) (Fused) (ML-44173, ML-44174, ML-44202, & ML-44203).....	6
71	FE-025-70	Fuse (0.5 Amp.) (250 V.) (ML-44173, ML-44174, ML-44202, & ML-44203).....	7
72	FE-025-72	Fuse (6.25 Amp.) (250 V.) (ML-44173, ML-44174, ML-44202, & ML-44203).....	2

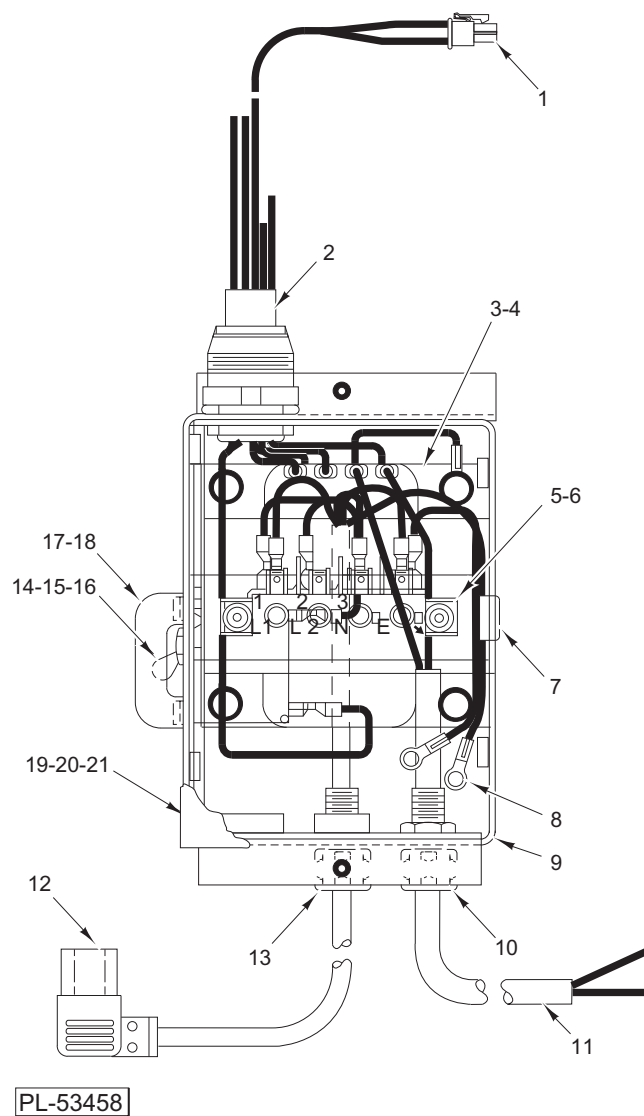


CONTROL BOX UNIT (APPLIER)
(ML-44173, ML-44174, ML-44202, & ML-44203)

CONTROL BOX UNIT (APPLIER)
(ML-44173, ML-44174, ML-44202, & ML-44203)

ILLUS. PL-53140	PART NO.	NAME OF PART	AMT.
1	00-046989	Harnais – Solenoid Driver.....	1
2	00-254107	Bumper – Recessed.....	1
3	SC-018-31	Mach. Screw 8-32 x 3/8 Phil. Pan Hd.....	1
4	00-047988	Box Assy. – Lower Control.....	1
5	00-047993	Cover Assy. – Lower Control Box.....	1
6	00-048178	Cover Assy. – Lower Control Box (Rear).....	1
7	SC-119-97	Mach. Screw 10-24 x 1/2 Hex Washer Hd.....	9
8	00-047996	Plate Assy. – Lower Control.....	1
9	00-046982	Cable Assy. – Power/T3 MLA Logic.....	1
10	SC-018-23	Mach. Screw 8-32 x 5/8 Phil. Pan Hd.....	4
11	WL-008-07	Lockwasher #8 Internal Shakeproof.....	4
12	00-044539	Transformer – 115/220, 10 VAC.....	1
13	SC-018-31	Mach. Screw 8-32 x 3/8 Phil. Pan Hd.....	2
14	WL-008-07	Lockwasher #8 Internal Shakeproof.....	2
15	00-048524	Board Assy. – Power Control.....	1
16	SC-100-04	Mach. Screw 10-24 x 3/8 Hex Washer Hd.....	4
17	00-042514	Valve & Connector Assy.....	1
18	00-042779	Plug – Miniature.....	1
19	SC-124-37	Cap Screw 10-24 x 1 3/8 Hex Socket Hd.....	2
20	WL-008-13	Lockwasher #10 Internal Shakeproof.....	2
21	00-048179	Retainer – Cable.....	3
22	SC-100-04	Mach. Screw 10-24 x 3/8 Hex Washer Hd.....	3
23	WL-008-07	Lockwasher #8 Internal Shakeproof.....	3
24	FE-025-65	Bushing – Electrical (Split).....	1
25	00-047995	Support – Lower Control Box.....	1
26	SC-100-04	Mach. Screw 10-24 x 3/8 Hex Washer Hd.....	6
27	00-048031	Fitting – Barb (1/16 I.D. Hose).....	1
28	00-041720	Fitting – Straight 1/4".....	6
29	00-333153	Fitting – Hose 90 Deg. Elbow.....	1
30	00-041711	Clip – Type U.....	4
*31	00-049482	Board Assy. – (LA Control & Comm.) (CPU2).....	1
32	00-086961	Clamp – Loop Type 6NA.....	4
33	SC-018-31	Mach. Screw 8-32 x 3/8 Phil. Pan Hd.....	8
34	WL-008-07	Lockwasher #8 Internal Shakeproof.....	8
35	SC-018-31	Mach. Screw 8-32 x 3/8 Phil. Pan Hd.....	8
36	SC-018-23	Mach. Screw 8-32 x 5/8 Phil. Pan Hd.....	4
37	WL-008-07	Lockwasher #8 Internal Shakeproof.....	4
38	00-042981-00001	Harness – Scale Motor Controller.....	1
39	FE-025-08	Fuse (F3) & (F4) (250 V., 7 Amp.) Fast-Blo.....	1
40	FE-022-23	Fuse (F1) (250 V., 3 Amp.).....	2
41	FE-024-34	Fuse (F2) (250 V., 0.5 Amp.).....	1
42	00-440811	Shield.....	1
43	00-048182-00001	Tubing – Braided.....	1
44	00-048090-00001	Protector – Edge.....	2
45	00-047990	Bracket Assy. – Slide.....	1
46	FE-024-23	Bushing – Electrical (Snap).....	1
47	00-046957	Harness – CPU2/Power Control.....	1

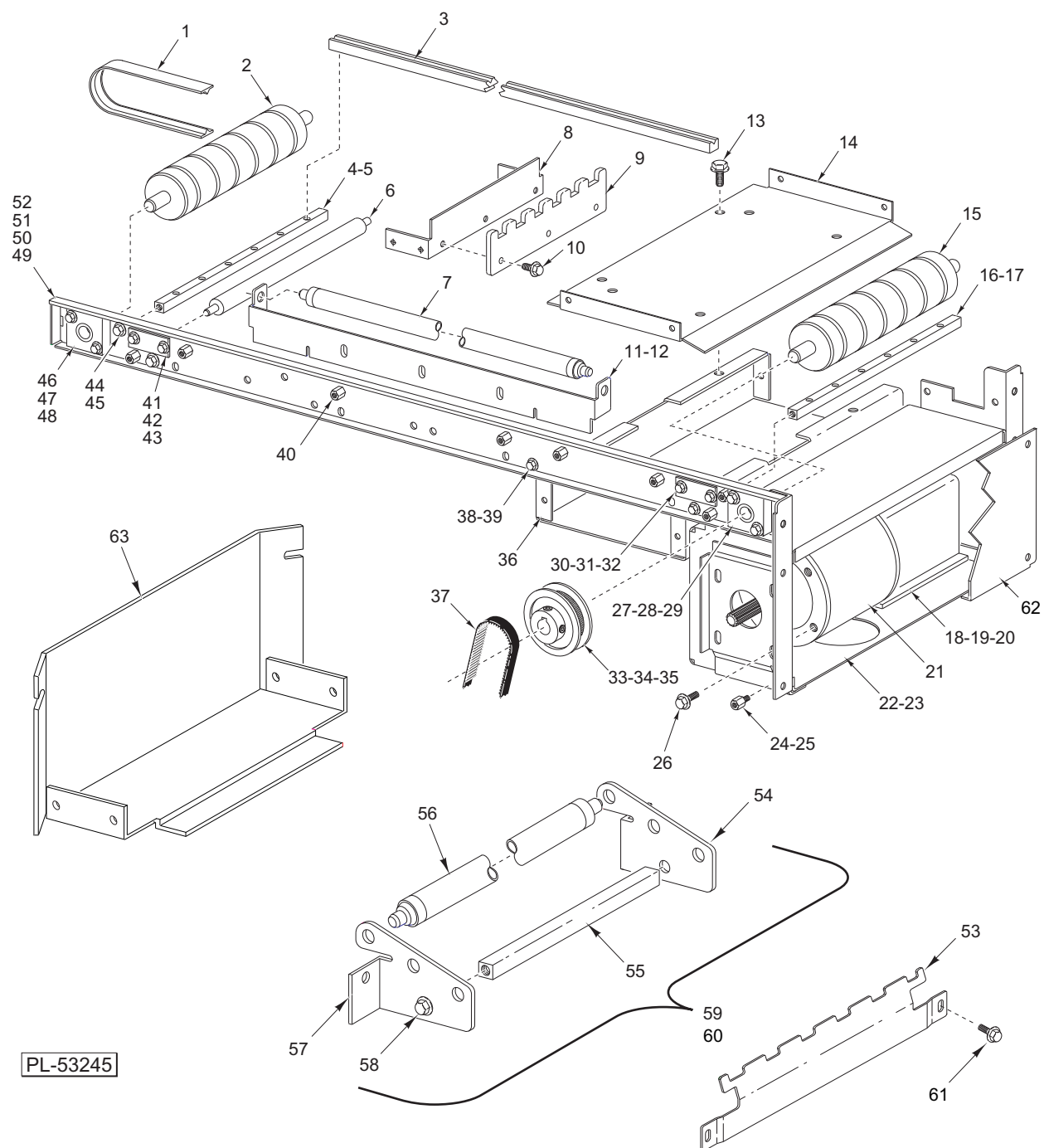
*See SMS USW-1 For Firmware.



POWER SUPPLY BOX

POWER SUPPLY BOX

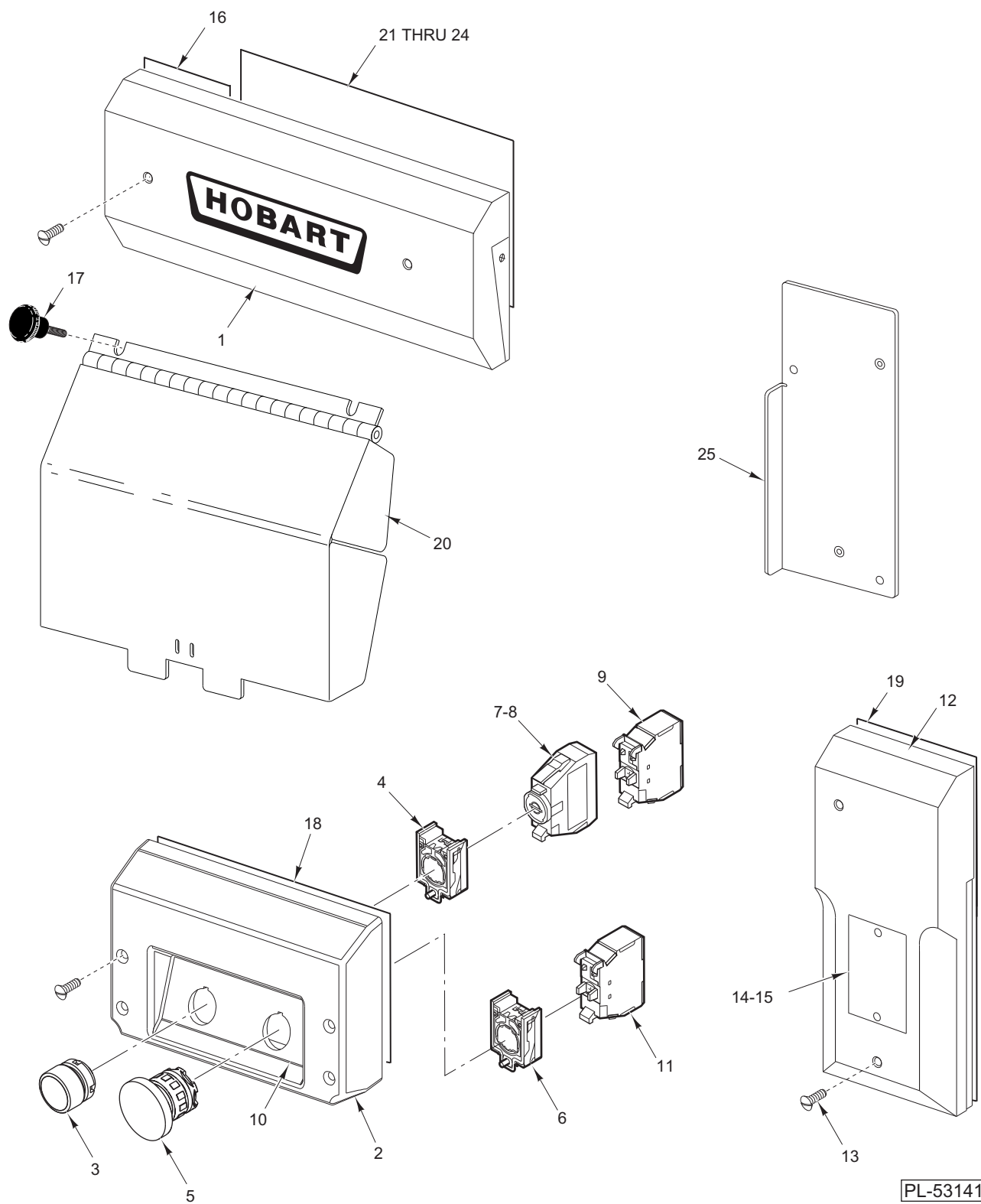
ILLUS.	PART NO.	NAME OF PART	AMT.
PL-53458			
1	00-046943-00001	Harness – Power/T2	1
2	FE-024-58	Connector – Straight (Non-Metallic) Sealtite (3/4 Male Thd. x 3/4 Flex Cond.)	1
3	00-046975	Transformer, 220 VAC., 50/60 Hz.	1
4	SC-100-08	Mach. Screw 1/4-20 x 3/8 Hex Washer Hd.	2
5	SC-100-04	Mach. Screw 10-24 x 3/8 Hex Washer Hd.	4
6	00-048064	Block – Terminal.	1
7	00-048233	Bracket Assy. – Wiring Terminal.	1
8	00-046939-00022	Wire Assy. (Green/Yellow)	1
9	00-048261	Box Assy. – Power Supply	1
10	PB-004-08	Plug Button 7/8 (Heyco 2703)	1
11	00-046981	Cable Assy. – T2/MLA 28 VAC (ML-44173, ML-44174, ML-44202, & ML-44203)	1
12	00-048545	Cable Assy. – Power Cord	2
13	PB-004-86	Plug – Button 1 1/8 (Heyco 2723)	1
14	00-046931	Breaker – Circuit 25 Amps.	1
15	WL-003-09	Lockwasher #6 Medium	2
16	SC-018-77	Mach. Screw 6-32 x 5/16 Phil. Pan Hd.	2
17	00-047476	Guard – Circuit Breaker	1
18	SC-100-04	Mach. Screw 10-24 x 3/8 Hex Washer Hd.	2
19	00-048087	Cover – Power Supply Box	1
20	SC-053-05	Mach. Screw 10-24 x 3/8 Slotted Truss Hd.	2
21	00-049343	Label – Caution	1



CONVEYOR UNIT
(ML-44173, ML-44174, ML-44202, & ML-44203)

CONVEYOR UNIT **(ML-44173, ML-44174, ML-44202, & ML-44203)**

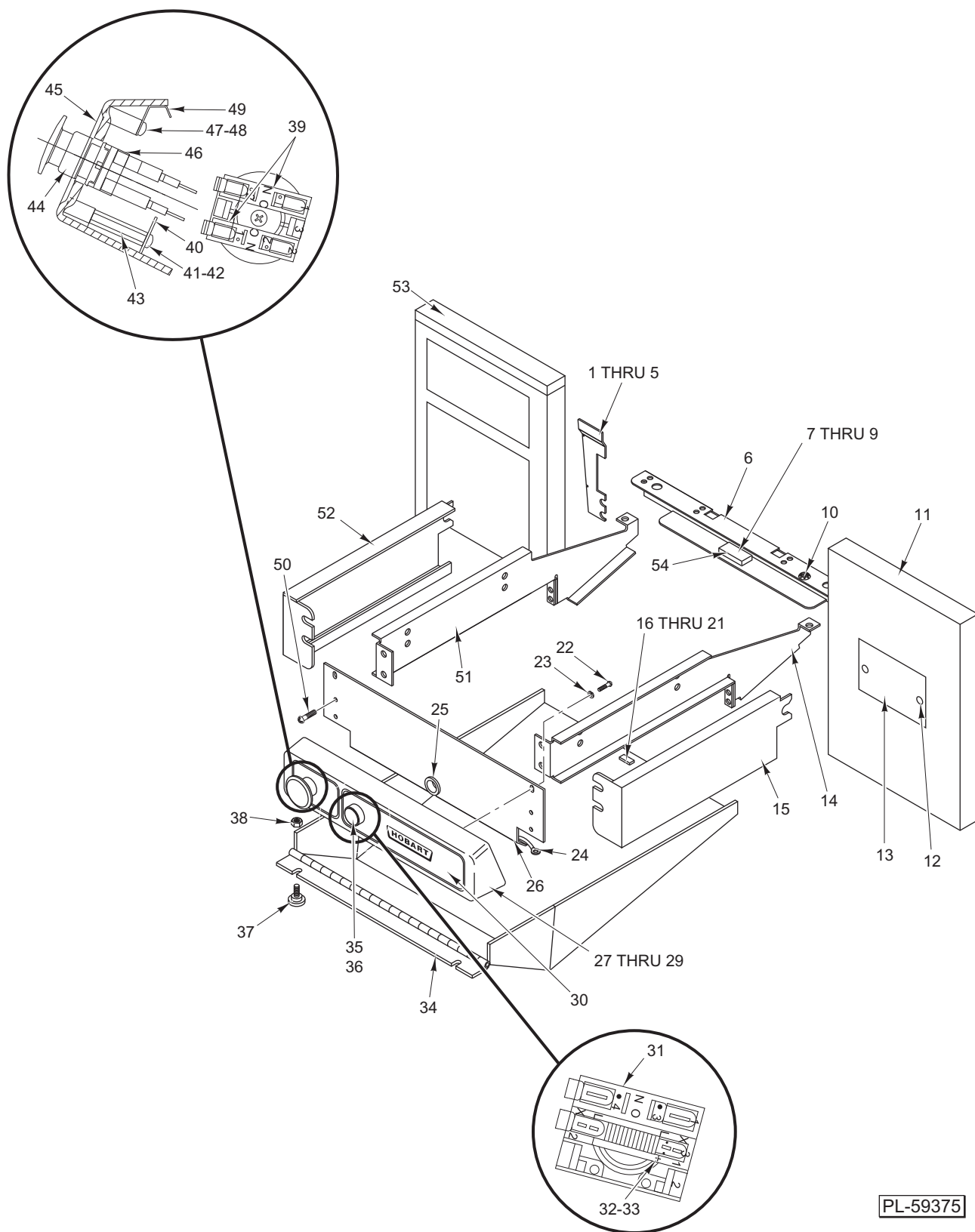
ILLUS.	PART NO.	NAME OF PART	AMT.
PL-53245			
1	00-047918	Belt – Package (Discharge).....	6
2	00-047890	Roller Assy. (Driven).....	1
3	00-047896	Support – Belt.....	6
4	00-047869	Support – Slider Bed.....	2
5	SC-040-64	Cap. Screw 10-24 x 1/2 Hex Socket Hd.	12
6	00-442536	Roller – Belt Tension.....	2
7	00-048020-00002	Roller Assy.	1
8	00-048012	Bracket Assy. – Belt Guide.....	1
9	00-048014	Guide – Belt.....	1
10	SC-100-04	Mach. Screw 10-24 x 3/8 Hex Washer Hd.....	3
11	00-048287	Bracket – Roller.....	1
12	SC-100-04	Mach. Screw 10-24 x 3/8 Hex Washer Hd.....	1
13	SC-100-04	Mach. Screw 10-24 x 3/8 Hex Washer Hd.....	6
14	00-048023	Cover Assy. – Bottom.....	1
15	00-047893	Roller Assy. – Belt Drive.....	1
16	00-047869	Support – Slider Bed.....	2
17	SC-040-64	Cap. Screw 10-24 x 1/2 Hex Socket Hd.	12
18	00-041588	Control Assy. – Motor (Includes Control Board).....	1
19	00-048034	Heat Sink – Motor Control.....	1
20	SC-053-05	Mach. Screw 10-24 x 3/8 Slotted Truss Hd.	2
21	00-041784	Motor – Brushless D.C.....	1
22	00-048015	Box Assy. – Drive Motor.....	1
23	FE-024-43	Bushing – Split.....	1
24	00-047939	Standoff – Backstop.....	1
25	WL-006-07	Lockwasher #10 Medium.....	1
26	SC-100-08	Mach. Screw 1/4-20 x 3/8 Hex Washer Hd.	4
27	00-047862	Retainer Assy. – Bearing.....	2
28	SC-092-35	Cap Screw 10-24 x 3/8 Hex Socket Hd.	4
29	WL-006-07	Lockwasher #10 Medium.....	4
30	00-047866	Plate – Tension Roller Bearing.....	2
31	00-441042	Bearing – Tension Roller.....	2
32	SC-100-04	Mach. Screw 10-24 x 3/8 Hex Washer Hd.....	4
33	00-048180	Pulley – Timing.....	1
34	KW-003-03	Key – Woodruff 1/8 x 1/2 Lg.....	1
35	SC-047-74	Set Screw 8-32 x 1/4 Hdls., Cup Pt.....	2
36	00-048025	Box Assy. – Switch Cover.....	1
37	00-048181	Belt – Timing (LA Driver).....	1
38	00-048023	Cover Assy. – Bottom.....	1
39	SC-100-04	Mach. Screw 10-24 x 3/8 Hex Washer Hd.....	2
40	00-047939	Standoff – Backstop.....	10
41	00-047866	Plate – Tension Roller Bearing.....	2
42	00-441042	Bearing – Tension Roller.....	2
43	SC-100-04	Mach. Screw 10-24 x 3/8 Hex Washer Hd.....	4
44	SC-040-64	Cap. Screw 10-24 x 1/2 Hex Socket Hd.	4
45	WL-006-07	Lockwasher #10 Medium.....	4
46	00-047862	Retainer Assy. – Bearing.....	4
47	SC-092-35	Cap Screw 10-24 x 3/8 Hex Socket Hd.	8
48	WL-006-07	Lockwasher #10 Medium.....	8
49	00-047867	Frame Assy. – Belt Conveyor.....	2
50	00-047870	Strip – Trim (Front) (Not Shown).....	1
51	00-048033	Strip – Trim (Rear) (Not Shown).....	1
52	SC-100-04	Mach. Screw 10-24 x 3/8 Hex Washer Hd.....	4
53	00-440011	Stripper – Label.....	1
54	00-049754-00001	Bracket – Discharge Roller (RH).....	1
55	00-048094	Bar – Discharge Roller.....	1
56	00-047385	Roller Assy. – Conveyor.....	3
57	00-049754-00002	Bracket – Discharge Roller (LH).....	1
58	SC-100-04	Mach. Screw 10-24 x 3/8 Hex Washer Hd.....	2
59	00-048289	Discharge Assy. – Roller (Incls. Items 54 thru 58).....	1
60	00-048095	Bracket – Roller Single.....	1
61	SC-053-05	Mach. Screw 10-24 x 3/8 Slotted Truss Hd.	6
62	00-048022	Cover – Drive Motor.....	1
63	00-047950	Cover Assy. – Lower Intake.....	1



COVERS (ML-44173, ML-44174, ML-44202, & ML-44203)

COVERS (ML-44173, ML-44174, ML-44202, & ML-44203)

ILLUS. PL-53141	PART NO.	NAME OF PART	AMT.
1	00-048028	Cover – Front.....	1
2	00-048029	Cover – Switch.....	1
3	00-441551	Actuator Operator (Start)	1
4	00-441555	Collar – Mounting.....	1
5	00-441550	Actuator – Operator (Stop)	1
6	00-441555	Collar – Mounting.....	1
7	00-441552	Module.....	1
8	00-046910	Lamp – LED (Green)	1
9	00-441554	Switch – Contact Block (NO)	1
10	00-048245	Overlay – Switch.....	1
11	00-441553	Switch – Contact Block (NC)	2
12	00-048030	Cover – Motor.....	2
13	SC-023-44	Mach. Screw 10-24 x 1/2 Oval Hd. (Use To Mount Items 1, 2, & 12)	8
14	00-438131-00009	Plate – Warning	1
15	SD-033-56	Self-Tapping Screw #2 x 3/16 Rd. Hd., Type U	2
16	00-047957	Plate Assy. – Cover Mounting (Intake End)	1
17	00-049463	Knob – Panel Assy. (High Package)	2
18	00-047959	Plate Assy. – Switch Cover Mounting	1
19	00-047955	Plate Assy. – Cover Mounting (Motor End).....	1
20	00-440848	Panel – High Package	1
21	00-047952	Stop Assy. – Package	1
22	00-043895-00001	Sensor – Photo Transistor Assy. (Emitter)	2
23	00-047964	Bracket – Sensor Mounting	1
24	SC-100-04	Mach. Screw 10-24 x 3/8 Hex Washer Hd.....	13
25	00-047961	Plate – Assy. – Cover.....	1
	00-441556	Cable – Assy. – Switch (Stop/Start)	1
	00-175999	Actuator – Magnetic.....	1
	00-175998	Sensor	1
	00-183396	Plate – Switch Screw	2
	WL-003-03	Lockwasher #4 Helical.....	2
	SC-113-10	Mach. Screw 4-40 x 3/8 Phil. Pan Hd.....	2
	00-441764	Plate – Stop (Produce Applications)	AR

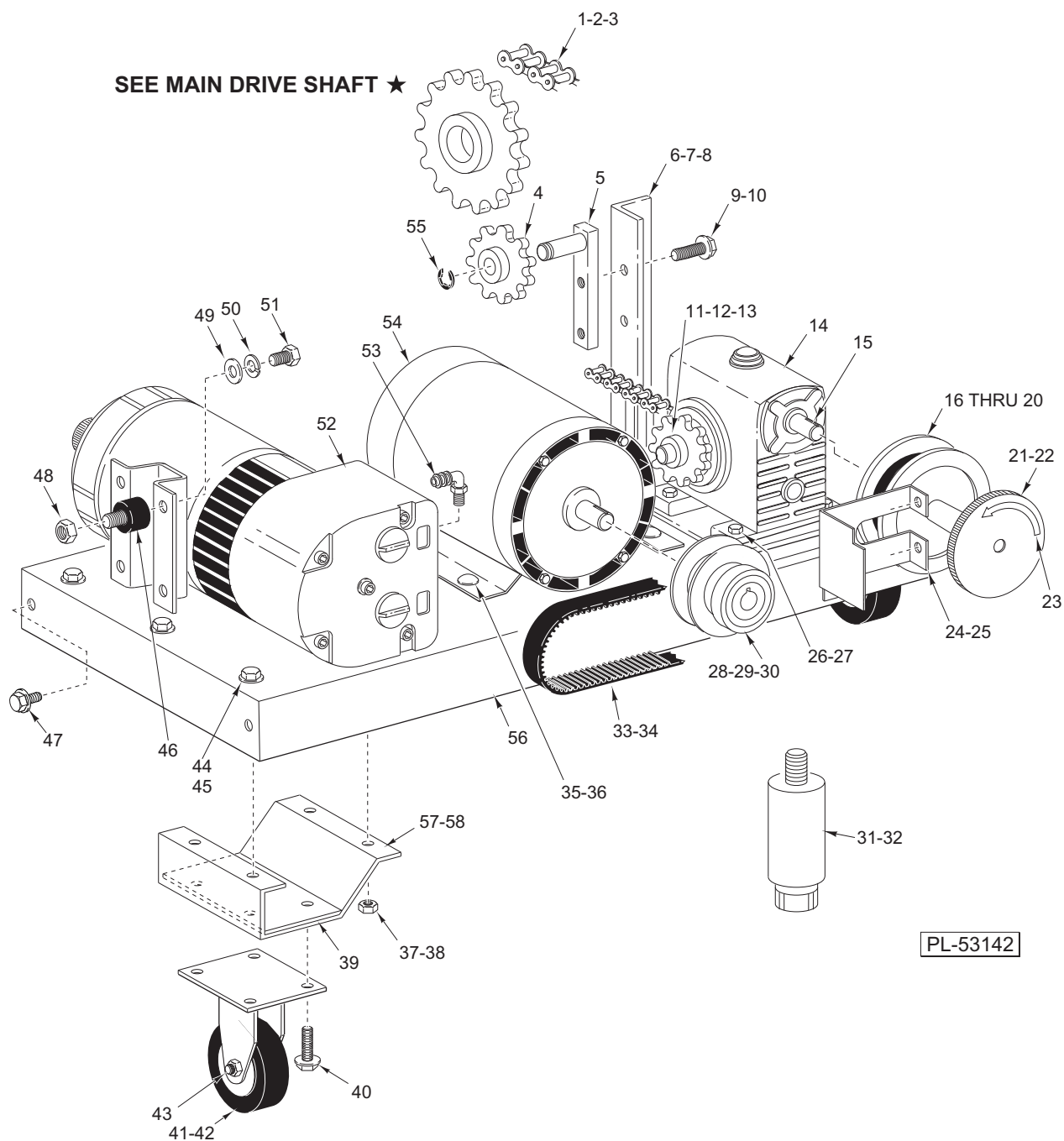


PL-59375

COVERS (ML-44193 & ML-44198)

COVERS (ML-44193 & ML-44198)

ILLUS. PL-59375	PART NO.	NAME OF PART	AMT.
1	00-441473	Bracket – Chain Cover.....	1
2	SC-067-07	Mach. Screw 10-24 x 1/2 Hex Hd. (SST)	2
3	WL-006-07	Lockwasher #10 Medium.....	2
4	WS-029-79	Washer.....	2
5	00-441462	Spacer – Chain Cover	2
6	00-441124	Stop – High Package.....	1
7	00-183396	Plate – Screw Switch.....	1
8	WL-003-03	Lockwasher #4 Medium.....	2
9	SC-113-10	Mach. Screw 4-40 x 3/8 Phil. Pan Hd.	2
10	00-441127	Grommet – Ribbed	4
11	00-175466	Cover – Face (RH).....	1
12	SD-033-56	Self-Tapping Screw #2 x 3/16 Rd. Hd., Type U	2
13	00-438131-00005	Plate – Warning	1
14	00-047981	Support Assy. – Conveyor (RH).....	1
15	00-441125	Cover – Side (RH)	1
16	00-175999	Actuator – Magnetic.....	1
17	00-183396	Plate – Screw Switch.....	4
18	SC-113-10	Mach. Screw 4-40 x 3/8 Phil. Pan Hd.	8
19	WL-003-03	Lockwasher #4 Medium.....	8
20	WS-029-24	Washer.....	8
21	00-440712	Plate – Sensor	1
22	SD-024-38	Self-Tapping Screw 10-24 x 3/8 Phil. Pan Hd., Type TT.....	2
23	WL-006-07	Lockwasher #10 Medium.....	2
24	00-041480	Ground Wire Assy.	1
25	FE-021-13	Bushing (Nylon) 1/2 I.D.	1
26	00-441123	Cover Plate Assy. – Control Panel.....	1
27	00-175573	Cover – Control Panel	1
28	RR-011-78	Retaining Ring	8
29	00-048546	Cable Assy. – Stop/Start Switch.....	1
30	00-048266	Plate Assy. – Control Panel.....	1
31	00-441554	Switch – Contact Block (NO)	1
32	00-441552	Socket – Contact Block (Lamp Holder).....	1
33	00-046910	Lamp – LED (Green)	1
34	00-441120	Panel – High Package	1
35	00-441555	Collar – Mounting.....	1
36	00-441551	Actuator – Push Button, Start (Incls. Diffuser and Lens)	1
37	00-049463	Knob – Panel Assy. (High Package)	2
38	NS-031-15	Stop Nut 10-24 Hex (SST).....	2
39	00-441553	Switch – Contact Block (NO)	2
40	00-047913	Mount – Cover Plate	2
41	WL-006-07	Lockwasher #10 Medium.....	2
42	SC-018-14	Mach. Screw 10-32 x 3/8 Pan Hd.	2
43	00-183398	Spacer – Control Panel.....	2
44	00-441550	Actuator – Push Button (Stop).....	1
45	00-048267	Plate Assy. – Control Panel.....	2
46	00-441555	Collar – Mounting.....	1
47	WL-003-12	Lockwasher #8 Medium.....	2
48	SC-018-31	Mach. Screw 8-32 x 3/8 Phil. Pan Hd.	2
49	00-183397	Bracket – Control Panel.....	2
50	SC-100-04	Mach. Screw 10-24 x 3/8 Hex Washer Hd.	4
51	00-047983	Support Assy. – Conveyor (LH).....	1
52	00-441126	Cover – Side (LH)	1
53	00-175467	Cover – Face (LH)	1
54	00-175998	Sensor – Switch (CRT).....	1

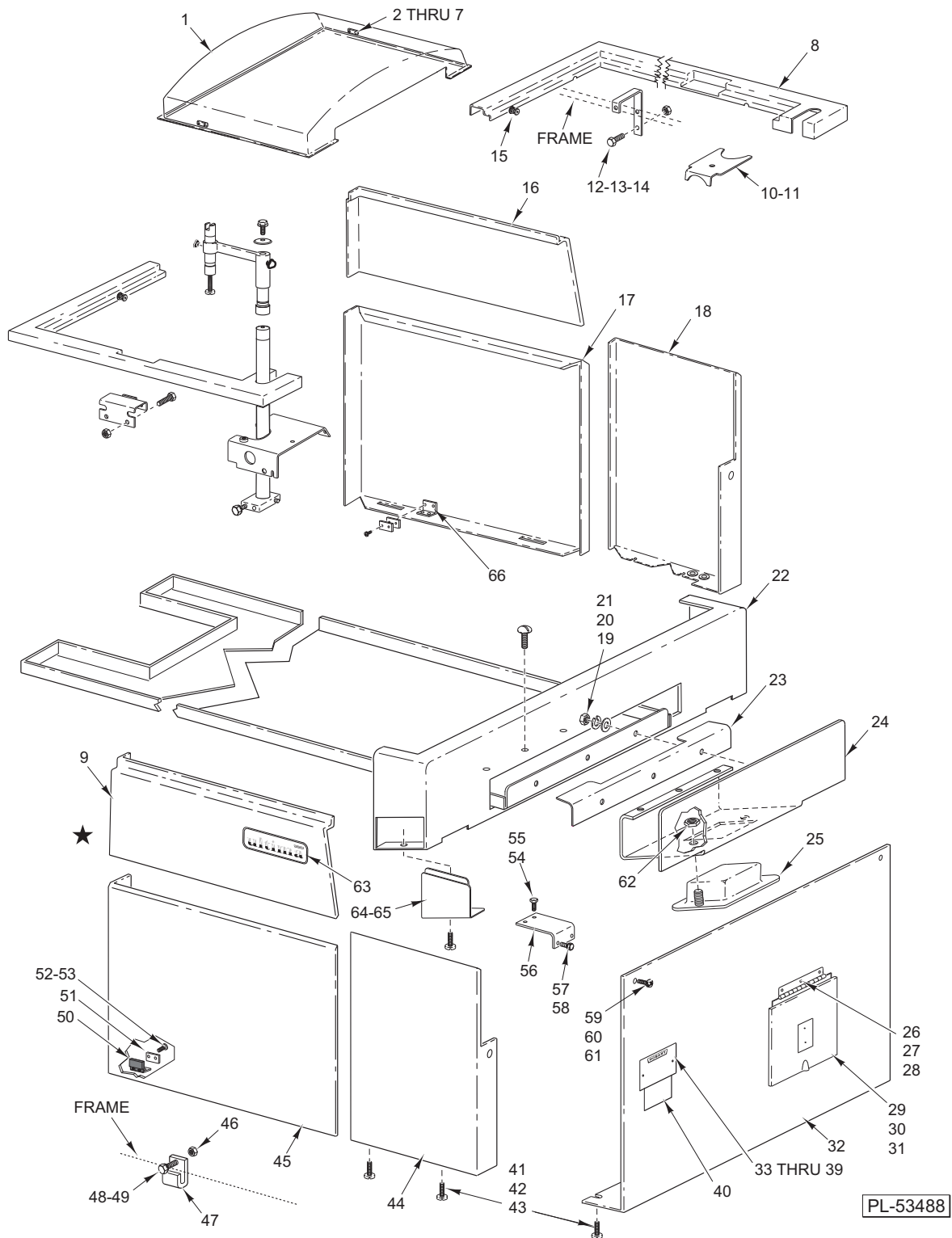


MOTOR AND CASTER

MOTOR AND CASTER

ILLUS. PL-53142	PART NO.	NAME OF PART	AMT.
1	00-046228	Chain Assy. – Main Drive (Incls. Items 2 & 3).....	1
2	00-044784	Link – Connecting #40 (WP Finish)	1
3	00-044785	Link – Offset #40 (WP Finish).....	1
4	00-047818	Sprocket – Idler (15T).....	1
5	00-047820	Takeup Assy.	1
6	00-047324	Plate Assy. – Chain Idler.....	1
7	SC-116-83	Cap Screw $\frac{3}{8}$ -16 x $1\frac{1}{2}$ Hex Hd.	2
8	NS-038-10	Lock Nut $\frac{3}{8}$ -16.....	2
9	SC-123-94	Cap Screw $\frac{3}{8}$ -16 x $\frac{3}{4}$ Hex Washer Hd.....	2
10	WS-018-22	Washer.....	1
11	00-333472	Sprocket – Reducer (26T)	1
12	SC-075-15	Set Screw $\frac{5}{16}$ -18 x $\frac{3}{8}$ Hex Hdls., Cup Pt.	2
13	00-087789	Key $\frac{3}{16}$ x 1 Lg.....	1
14	00-175887	Reducer – Gear	1
15	00-087789	Key $\frac{3}{16}$ x 1 Lg.....	1
16	00-332367	Sheave – Speed Reducer (4 $\frac{1}{2}$ In. Dia.) (ML-44173, ML-44174, ML-44202, & ML-44203)	1
17	00-183740	Sheave – Speed Reducer (ML-44193 & ML-44198)	1
18	SC-068-31	Mach. Screw 10-32 x $\frac{3}{4}$ Hex Hd.	3
19	WL-004-40	Lockwasher #10 Medium.....	3
20	NS-009-30	Nut 10-32 Hex.....	3
21	00-442492	Handwheel Assy.....	1
22	SC-075-15	Set Screw $\frac{5}{16}$ -18 x $\frac{3}{8}$ Hex Hdls., Cup Pt.	2
23	00-441194	Label – Direction (CCW).....	1
24	00-442513	Cover – Belt & Pulley.....	1
25	SC-100-08	Mach. Screw $\frac{1}{4}$ -20 x $\frac{3}{8}$ Hex Washer Hd.	4
26	SC-116-83	Cap Screw $\frac{3}{8}$ -16 x $1\frac{1}{2}$ Hex Hd.	4
27	NS-038-10	Lock Nut $\frac{3}{8}$ -16	4
28	00-084717	Pulley – Variable	1
29	00-087789	Key $\frac{3}{16}$ x 1 Lg.....	4
30	SC-047-75	Set Screw $\frac{1}{4}$ -20 x $\frac{1}{4}$ Socket Hdls., Cup Pt.	2
31	00-330866	Leg – Adjustable (4 In.).....	4
32	00-049038	Leg – Adjustable (6 In.).....	4
33	00-128749	Belt – Drive (AX-26) (ML-44173, ML-44174, ML-44202, & ML-44203)	1
34	BV-013-26	V-Belt (A29) (ML-44193 & ML-44198)	1
35	SC-078-42	Bolt – Square Neck $\frac{5}{16}$ -18 x 1 Rd. Hd.....	4
36	NS-038-11	Nut $\frac{5}{16}$ -18 Hex	4
37	SC-123-94	Cap Screw $\frac{3}{8}$ -16 x $\frac{3}{4}$ Hex Washer Hd.....	12
38	NS-038-10	Lock Nut $\frac{3}{8}$ -16	12
39	00-046429	Plate – Caster Mounting	2
40	SC-123-94	Cap Screw $\frac{3}{8}$ -16 x $\frac{3}{4}$ Hex Washer Hd.....	8
41	00-044980	Caster (Front)	2
42	00-442096	Caster – Swivel (Rear).....	1
43	SC-123-95	Cap Screw $\frac{3}{8}$ -16 x 1 Hex Washer Hd.	8
44	SC-123-94	Cap Screw $\frac{3}{8}$ -16 x $\frac{3}{4}$ Hex Washer Hd.....	8
45	NS-038-10	Lock Nut $\frac{3}{8}$ -16.....	8
46	00-041716	Mounting – Shock (ML-44173, ML-44174, ML-44202, & ML-44203)	4
47	SC-123-94	Cap Screw $\frac{3}{8}$ -16 x $\frac{3}{4}$ Hex Washer Hd.....	8
48	NS-038-11	Nut $\frac{5}{16}$ -18 Hex (ML-44173, ML-44174, ML-44202, & ML-44203).....	4
49	WS-017-16	Washer (ML-44173, ML-44174, ML-44202, & ML-44203).....	4
50	WL-003-47	Lockwasher $\frac{5}{16}$ Medium (ML-44173, ML-44174, ML-44202, & ML-44203).....	4
51	SC-062-07	Cap Screw $\frac{5}{16}$ -18 x $\frac{1}{2}$ Hex Hd. (ML-44173, ML-44174, ML-44202, & ML-44203)	4
52	00-441065-00002	Pump – Vacuum (ML-44173, ML-44174, ML-44202, & ML-44203).....	1
53	00-333153	Fitting – Hose 90 Deg. Elbow (ML-44173, ML-44174, ML-44202, & ML-44203).....	2
54	00-046863	Motor ($\frac{1}{3}$ Hp., 50/60 Hz.)	1
55	RR-008-13	Retaining Ring	2
56	00-046235	Plate – Motor Mounting.....	1
57	00-046279	Bracket Assy. – Caster (RH).....	1
58	00-046280	Bracket Assy. – Caster (LH).....	1
	00-047328	Bracket – Rear Leg Mounting	2

UWS REPLACEMENT PARTS



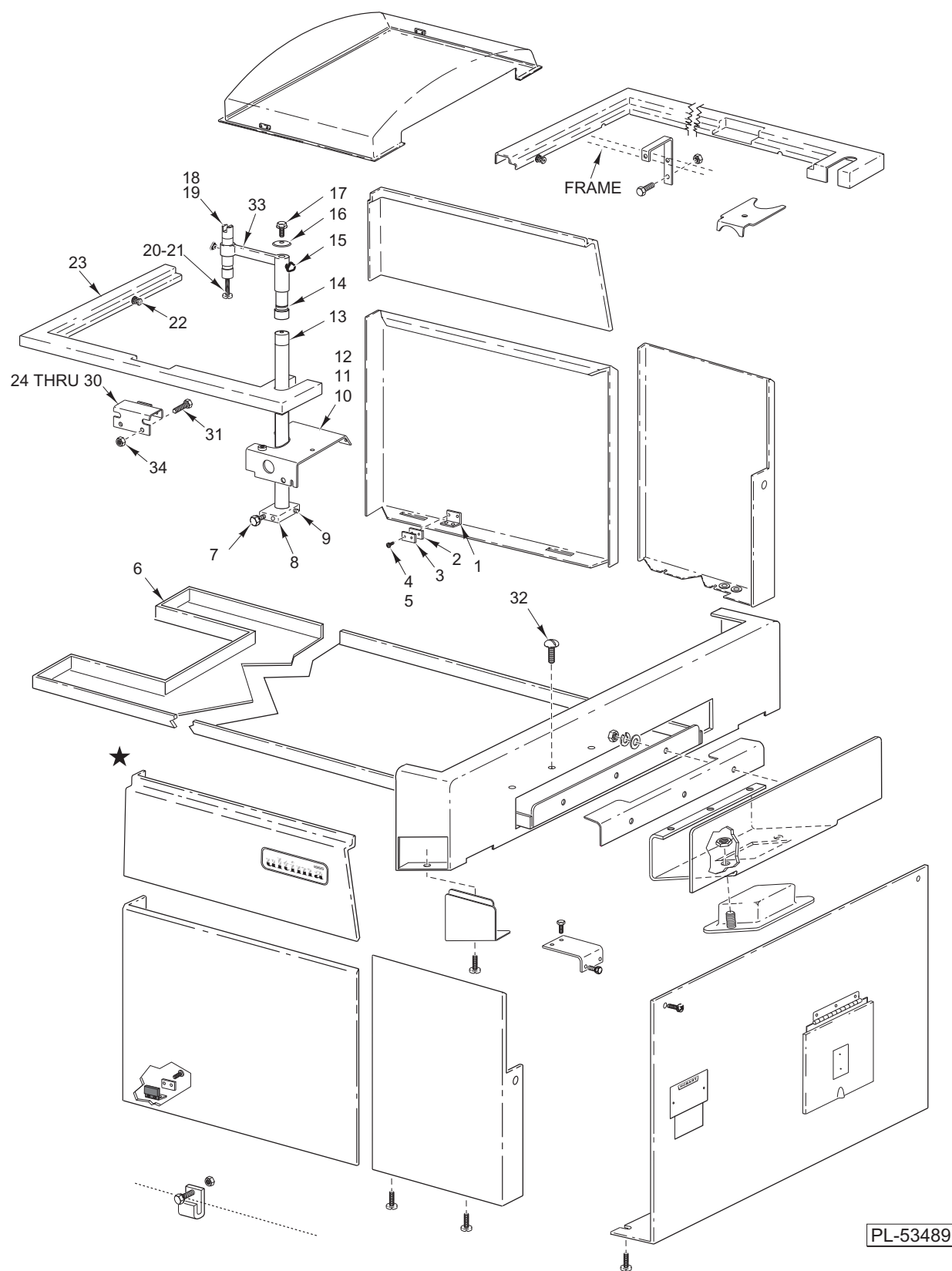
PANELS

ILLUS.	PART NO.	NAME OF PART	AMT.
1	00-175468	Canopy	1
2	00-175999	Actuator – Magnetic	2
3	SC-021-02	Mach. Screw 4-40 x 1/2 Rd. Hd.	4
4	WL-006-43	Lockwasher #4 Medium	4
5	SC-113-10	Mach. Screw 4-40 x 3/8 Phil. Pan Hd.	2

PANELS (CONT.)

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-53488			
6	WL-003-03	Lockwasher #4 Medium.....	2
7	00-183396	Plate – Screw Switch.....	6
8	00-048281	Cover – Top (RH).....	1
9	00-175477	Cover – Side (LH).....	1
10	00-048278	Trim – Top Cover.....	1
11	SC-053-41	Mach. Screw 1/4-20 x 1/2 Truss Hd. (SST).....	2
12	00-048270	Bracket – Side Cover.....	2
13	SC-123-92	Mach. Screw 1/4-20 x 5/8 Hex Washer Hd.	4
14	NS-038-08	Lock Nut 1/4-20 Hex.....	4
15	SC-053-03	Mach. Screw 10-24 x 3/4 Slotted Truss Hd.	5
16	00-175476	Cover – Side (RH).....	1
17	00-183555	Panel – Right Side.....	1
18	00-047326	Panel – Front Right.....	1
19	WS-019-10	Washer.....	3
20	WL-006-07	Lockwasher #10 Medium.....	3
21	NS-011-18	Nut 10-24 Hex (SST).....	3
22	00-048193	Panel – Front Upper.....	1
23	00-048195	Support – Intake Pan Door.....	1
24	00-048194	Door Assy. – Intake Pan.....	1
25	00-043009	Handle – Pull.....	1
26	WL-006-06	Lockwasher #10 Light.....	3
27	SC-119-56	Mach. Screw 10-32 x 1/4 Pan Hd.	3
28	00-049318	Plate – Nut.....	1
29	00-290142-00068	Plate – Warning.....	1
30	00-046492	Door Assy. – Access (Incls. Hinge & Warning Plate).....	1
31	00-046625	Channel – Protector.....	3
32	00-440018	Front Middle Panel Kit (Incls. Data Plate – See Items 34 Thru 39 When Ordering).....	1
33	SD-033-56	Self-Tapping Screw #2 x 3/16 Rd. Hd., Type U.....	2
34	00-048273-00001	Plate – Data (R-L) (Must Provide Data When Ordering) (ML-44173).....	1
35	00-048273-00002	Plate – Data (L-R) (Must Provide Data When Ordering) (ML-44174).....	1
36	00-048273-00007	Plate – Data (Must Provide Data When Ordering) (ML-44193).....	1
37	00-048273-00008	Plate – Data (Must Provide Data When Ordering) (ML-44198).....	1
38	00-048273-00009	Plate – Data (R-L) (Must Provide Data When Ordering) (ML-44202).....	1
39	00-048273-00010	Plate – Data (L-R) (Must Provide Data When Ordering) (ML-44203).....	1
40	00-128415	Plate – Patent Numbers.....	1
41	SC-041-50	Cap Screw 1/4-20 x 1/2 Hex Hd.	2
42	WS-017-25	Washer.....	2
43	WL-003-38	Lockwasher 1/4 Medium.....	2
44	00-047325	Panel – Front Left.....	1
45	00-183554	Panel – Left Side.....	1
46	NS-013-02	Nut 1/4-20 Hex.....	8
47	00-183392	Bracket – Side Panel.....	4
48	SC-118-19	Cap Screw 1/4-20 x 3/4 Hex Hd.	8
49	WL-003-38	Lockwasher 1/4 Medium.....	8
50	00-175998	Sensor.....	1
51	00-183396	Plate – Screw Switch.....	1
52	SC-018-51	Mach. Screw 4-40 x 5/8 Pan.....	2
53	WS-029-24	Washer – Plain.....	2
54	WL-006-17	Lockwasher 1/4 Medium.....	4
55	SC-041-50	Cap Screw 1/4-20 x 1/2 Hex Hd.	4
56	00-048019	Bracket – Lower Front Panel.....	2
57	SC-041-50	Cap Screw 1/4-20 x 1/2 Hex Hd.	4
58	WL-006-17	Lockwasher 1/4 Medium.....	4
59	SC-118-20	Cap Screw 1/4-20 x 1/2 Hex Hd.	2
60	WL-003-38	Lockwasher 1/4 Medium.....	2
61	WS-017-25	Washer.....	2
62	NS-011-18	Nut 10-24 Hex (SST).....	2
63	00-442588	Logo – Ultima.....	1
64	00-048188	Door – Scale Access.....	1
65	SC-053-05	Mach. Screw 10-24 x 3/8 Slotted Truss Hd.	1
66	00-175995	Bracket – Lower Switch.....	1
	00-442535	Label – Capacity.....	1

*See PL-53489



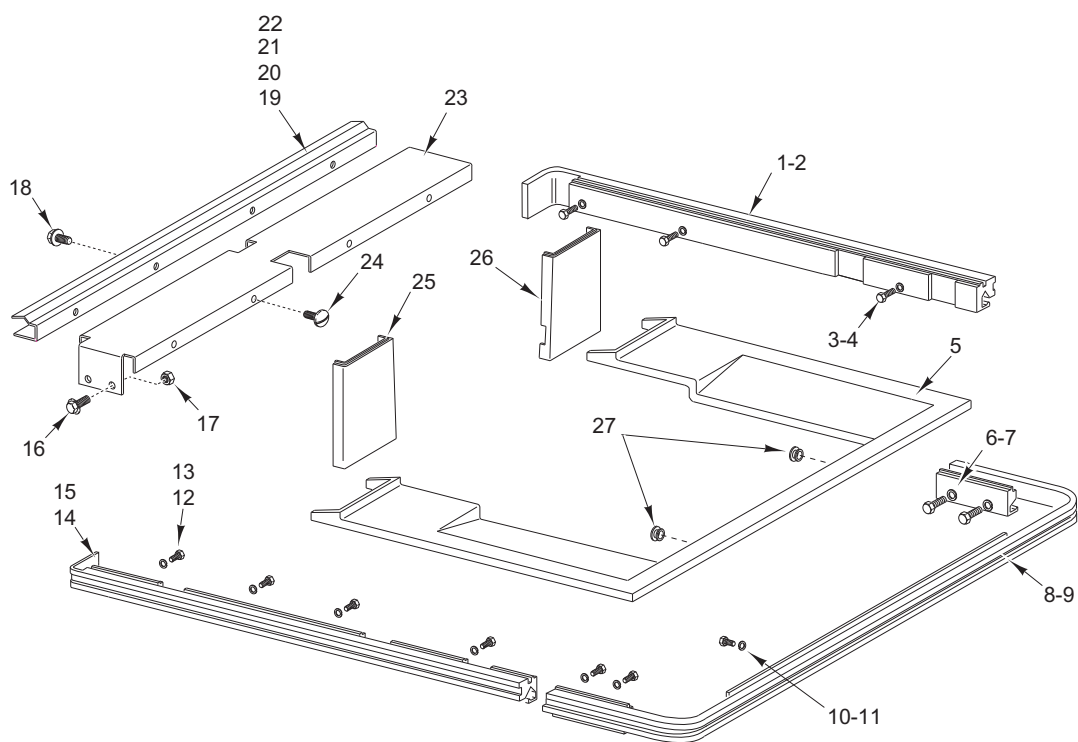
PANELS AND SUPPORT

PL-53489

PANELS AND SUPPORT

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-53489			
1	00-175995	Bracket – Lower Switch	1
2	00-175999	Actuator – Magnetic	1
3	00-183396	Plate – Screw Switch	1
4	SC-113-10	Mach. Screw 4-40 x $\frac{3}{8}$ Phil. Pan Hd.	2
5	WL-006-43	Lockwasher #4 Medium	2
6	00-048185	Pan – Intake Trash	1
7	SC-123-94	Cap Screw $\frac{3}{8}$ -16 x $\frac{3}{4}$ Hex Washer Hd.	2
8	00-175891	Block – Printer Pivot	2
9	SC-047-41	Set Screw $\frac{3}{8}$ -16 x $\frac{3}{8}$ Socket Hdls., Cup Pt.	1
10	SC-123-93	Mach. Screw $\frac{1}{4}$ -20 x 1 Hex Washer Hd.	2
11	00-048276	Bracket – Front Top Cover (RH)	1
12	00-048277	Bracket – Front Top Cover (LH)	1
13	00-049406	Shaft – Pivot Arm	1
14	00-048269	Spacer – Pivot Arm	1
15	00-183538	Knob – Film Centering	2
16	00-049346	Shield – Post Bearing	1
17	SC-053-41	Mach. Screw $\frac{1}{4}$ -20 x $\frac{1}{2}$ Truss Hd. (SST)	1
18	00-042758	Spacer	1
19	00-041626	Stud (Console Mount) (ML-44173, ML-44174, ML-44202, & ML-44203)	1
20	SC-111-34	Cap Screw $\frac{1}{4}$ -20 x 4 Hex Hd.	1
21	WL-003-38	Lockwasher $\frac{1}{4}$ Medium	1
22	SC-053-03	Mach. Screw 10-24 x $\frac{3}{4}$ Slotted Truss Hd.	5
23	00-048282	Cover – Top (LH)	1
24	00-046947	Cable Assy. – Switch (Canopy) (LH) (Incls. Item 30)	1
25	00-046949	Cable Assy. – Switch (Canopy) (RH) (Incls. Item 30)	1
26	00-047977	Bracket – Canopy Sensor	2
27	SC-113-10	Mach. Screw 4-40 x $\frac{3}{8}$ Phil. Pan Hd.	4
28	WL-003-03	Lockwasher #4 Medium	4
29	00-255502	Tie – Cable Locking	AR
30	00-175998	Sensor	2
31	SC-123-93	Mach. Screw $\frac{1}{4}$ -20 x 1 Hex Washer Hd.	4
32	SC-053-05	Mach. Screw 10-24 x $\frac{3}{8}$ Slotted Truss Hd.	3
33	00-043420	Printer Pivot Arm Assy.	1
34	NS-038-08	Lock Nut $\frac{1}{4}$ -20 x 1 Hex Hd.	4

*See PL-53488

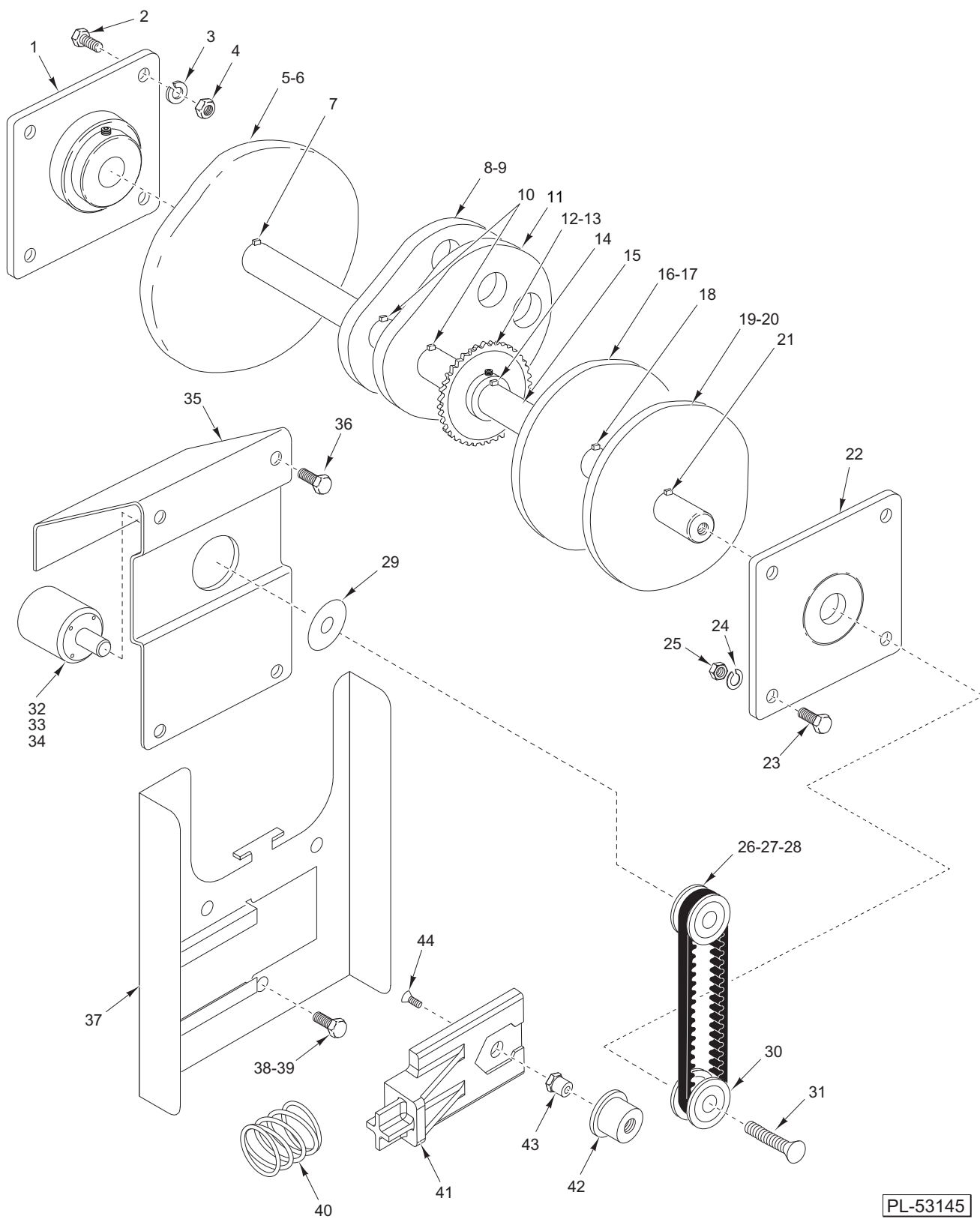


PL-53144

BANDS AND BRACKETS

BANDS AND BRACKETS

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-53144			
1	00-175576	Band – Right Side.....	1
2	00-542689	Tape – Plastic (3M #471 Red Vinyl).....	AR
3	SC-118-19	Cap Screw 1/4-20 x 3/4 Hex Hd.	3
4	WL-003-38	Lockwasher 1/4 Medium.....	3
5	00-048616	Cover – Intake	AR
6	SC-117-91	Cap Screw 1/4-20 x 1 Hex Hd.	3
7	WL-003-38	Lockwasher 1/4 Medium.....	3
8	00-048631	Band – Front.....	1
9	00-542689	Tape – Plastic (3M #471 Red Vinyl).....	AR
10	SC-118-19	Cap Screw 1/4-20 x 3/4 Hex Hd.	2
11	WL-003-38	Lockwasher 1/4 Medium.....	2
12	SC-118-19	Cap Screw 1/4-20 x 3/4 Hex Hd.	4
13	WL-003-38	Lockwasher 1/4 Medium.....	4
14	00-175577	Band – Left Side	1
15	00-542689	Tape – Plastic (3M #471 Red Vinyl).....	AR
16	SC-123-92	Mach. Screw 1/4-20 x 5/8 Special Hex Washer Hd.	4
17	NS-038-08	Lock Nut 1/4-20 x 1 Hex Hd.	4
18	SC-100-04	Mach. Screw 10-24 x 3/8 Hex Washer Hd.....	4
19	00-253363	Clamp	1
20	00-046952	Cable Assy. – Switch Film Door (Incls. Item 22)	1
21	00-048242	Strip – Top Trim.....	1
22	00-175998	Sensor	1
23	00-047974	Bracket Assy. – Rear Cover	1
24	SC-053-05	Mach. Screw 10-24 x 3/8 Truss Hd., Slotted	4
25	00-175467	Cover – Face L.H.....	1
26	00-175466	Cover – Face R.H.	1
27	00-445214-00001	Plug – Cover.....	2

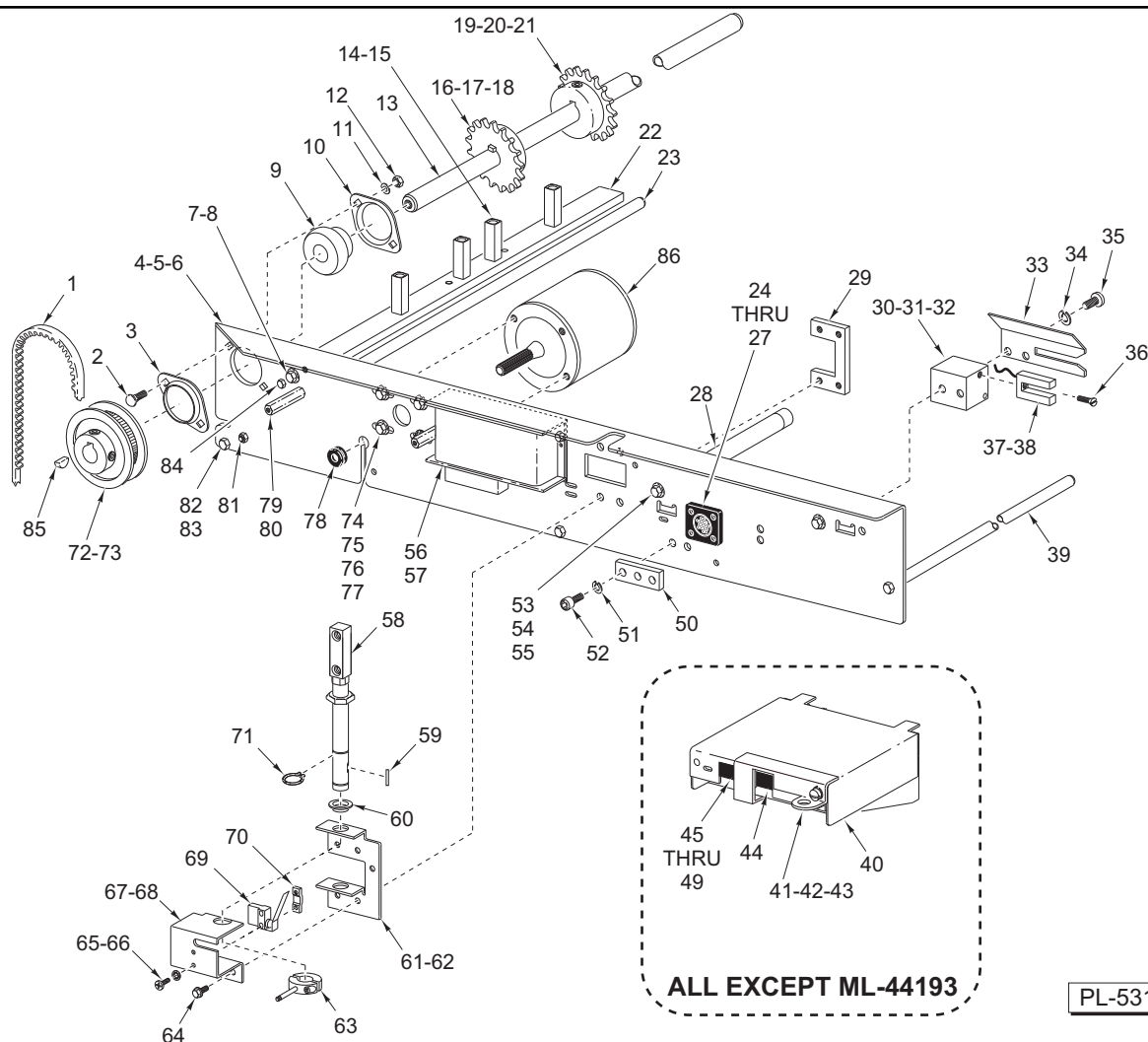


PL-53145

MAIN DRIVE SHAFT UNIT

MAIN DRIVE SHAFT UNIT

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-53145			
1	00-044230	Bearing – Flanged Ball	1
2	SC-117-97	Cap Screw 1/2-13 x 1 Hex Hd.	4
3	WL-004-11	Lockwasher 1/2 Medium.....	4
4	NS-013-33	Nut 1/2-13 Hex.....	4
5	00-175883	Cam – Output Lever	1
6	SC-047-41	Set Screw 3/8-16 x 3/8 Hex Hdls., Cup Pt.....	2
7	KW-004-07	Key – Woodruff	1
8	00-042384	Cam – Split	AR
9	SC-047-41	Set Screw 3/8-16 x 3/8 Hex Hdls., Cup Pt.....	4
10	KW-004-07	Key – Woodruff	1
11	00-184309	Cam	2
12	00-333551	Sprocket – Main Drive	1
13	SC-047-41	Set Screw 3/8-16 x 3/8 Hex Hdls., Cup Pt.....	2
14	KW-004-07	Key – Woodruff	1
15	00-047461	Shaft – Main Drive	1
16	00-175882	Cam – Underfold.....	1
17	SC-047-41	Set Screw 3/8-16 x 3/8 Hex Hdls., Cup Pt.....	2
18	KW-004-07	Key – Woodruff	1
19	00-333221	Cam – Side Clamp.....	1
20	SC-047-41	Set Screw 3/8-16 x 3/8 Hex Hdls., Cup Pt.....	2
21	KW-004-07	Key – Woodruff	1
22	00-044230	Bearing – Flanged Ball	1
23	SC-117-97	Cap Screw 1/2-13 x 1 Hex Hd.	4
24	WL-004-11	Lockwasher 1/2 Medium.....	4
25	NS-013-33	Nut 1/2-13 Hex.....	4
26	00-175197	Pulley (22T)	1
27	SC-116-79	Set Screw 10-32 x 1/4 Hex Hdls., Cup Pt.....	2
28	00-175567	Belt – Timing (105T) (Encoder).....	1
29	00-043849	Washer – Slide.....	1
30	00-175566	Pulley – Drive.....	1
31	SC-061-09	Cap Screw 3/8-16 x 1 1/4 Flat Hd.	1
32	00-441761-00002	Encoder – Optical Incremental	1
33	SC-113-37	Mach. Screw 6-32 x 5/8 Phil Pan Hd.	4
34	WL-003-09	Lockwasher #6 Medium.....	4
35	00-048061	Plate – Encoder Mounting	1
36	SC-123-92	Mach. Screw 1/4-20 x 5/8 Hex Washer Hd.	4
37	00-440528	Bracket – Belt Tensioner.....	1
38	SC-123-92	Mach. Screw 1/4-20 x 5/8 Hex Washer Hd.	1
39	NS-038-08	Lock Nut 1/4-20 Hex.....	1
40	00-044200	Spring – Knife Latch	1
41	00-440529	Slide – Tensioner	1
42	00-440531	Roller	1
43	00-440530	Shaft – Roller	1
44	SC-119-95	Mach. Screw 10-24 x 1/2 Phil. Flat Hd.	1

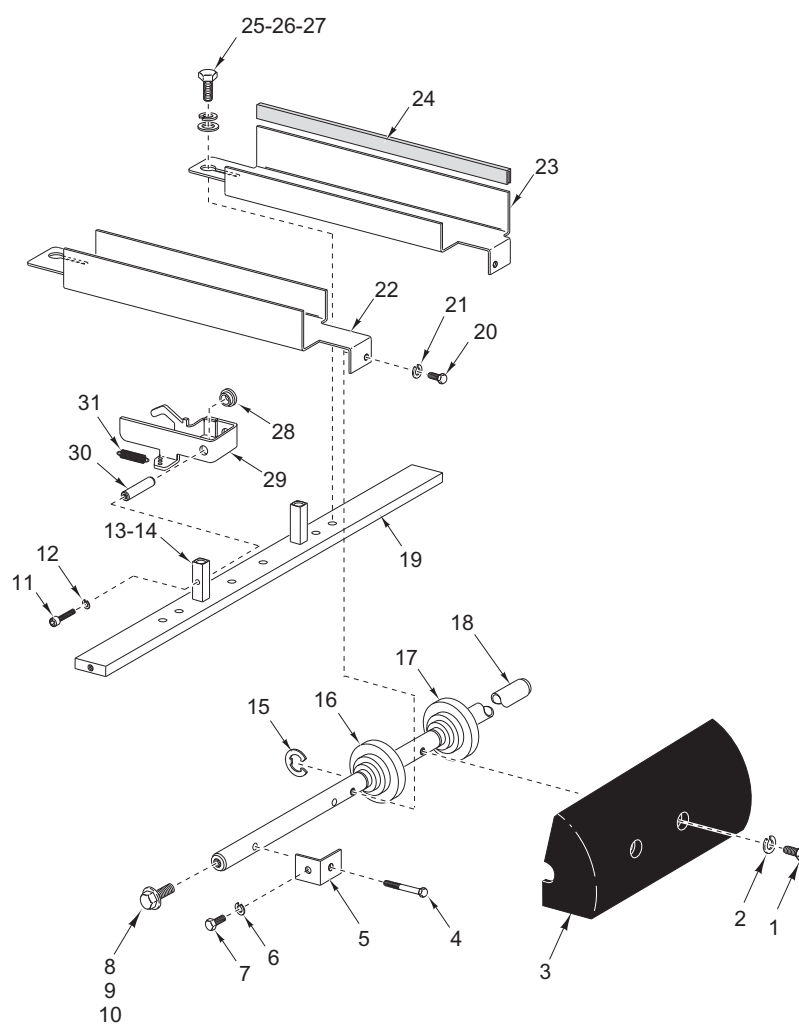


INTAKE UNIT

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-53146			
1	00-041724	Belt – Timing (3 mm HTD) (Intake).....	1
2	SC-124-34	Bolt – Square Neck 1/4-20 x 1/2 Rd. Hd.	2
3	00-086774	Flange – Stamping.....	1
4	00-048146	Frame – Intake (LH) (ML-44193).....	1
5	00-048145	Frame – Intake (LH) (ML-44198, ML-44173, ML-44174, ML-44202, & ML-44203).....	1
6	00-048148	Frame – Intake (RH).....	1
7	WL-006-17	Lockwasher 1/4 Medium.....	2
8	SC-041-50	Cap Screw 1/4-20 x 1/2 Hex Hd.....	2
9	00-086773	Bearing 5/8 Bore.....	2
10	00-086774	Flange – Stamping.....	1
11	WL-006-17	Lockwasher 1/4 Medium.....	2
12	NS-015-01	Nut 1/4-20 Hex (SST).....	2
13	00-442431	Shaft – Driven.....	1
14	00-048129	Support – Top Cover.....	4
15	SC-022-73	Mach. Screw 8-32 x 3/4 Flat Hd.	4
16	00-175818	Sprocket (17T).....	1
17	KW-003-10	Key – 606 Woodruff 3/16 x 3/4.....	1
18	SC-047-75	Set Screw 1/4-20 x 1/4 Hex Hdls., Cup Pt.	2
19	00-175818	Sprocket (17T).....	1
20	KW-003-10	Key – 606 Woodruff 3/16 x 3/4.....	1
21	SC-047-75	Set Screw 1/4-20 x 1/4 Hex Hdls., Cup Pt.	2
22	00-048121	Bar – Support (Rear).....	1
23	00-048130	Spacer – Side Walls.....	1
24	00-046942	Harness – Intake (Receptacle Only).....	1

INTAKE UNIT (CONT.)

ILLUS. PL-53146	PART NO.	NAME OF PART	AMT.
25	00-441148	Harness – Intake/Manual (ML-44193)	1
26	SC-066-03	Mach. Screw 6-32 x 1/2 Phil. Truss Hd.	4
27	NS-046-89	Nut Assy. 6-32 Hex KEPS	4
28	00-441069	Stud – Sprint Mount (ML-44193)	2
29	00-044856	Plate – Centering Arm Pivot	2
30	WL-013-11	Lockwasher #10 Internal Shakeproof	2
31	SC-128-12	Mach. Screw 10-24 x 1/4 Phil. Pan Hd.	2
32	00-048187	Block – Switch Mounting	1
33	00-048186	Bracket – Switch Mounting	1
34	WL-013-11	Lockwasher #10 Internal Shakeproof	2
35	SC-128-12	Mach. Screw 10-24 x 1/4 Phil. Pan Hd.	2
36	SC-124-80	Mach. Screw 4-40 x 5/16 Flat Hd. (SST)	1
37	00-046945	Switch – Vane	1
38	00-048532	Harness – Switch (Intake Tray) (Incls. Item 37)	1
39	00-048130	Spacer – Side Walls	2
40	00-048151	Cover – Weigher Board (All Except ML-44193)	1
41	WL-013-11	Lockwasher 10 Internal Shakeproof (All Except ML-44193)	2
42	00-046869	Screw – Sealing 10-24 Fil. Hd. (All Except ML-44193)	2
43	00-049228	Bracket – Scale Board Seal (All Except ML-44193)	1
44	SC-111-76	Mach. Screw 4-40 x 5/16 Phil. Pan Hd. (All Except ML-44193)	4
45	00-048407	Board Assy. – Scale Control (All Except ML-44193)	1
46	SC-018-28	Mach. Screw 6-32 x 1/4 Phil Pan Hd. (All Except ML-44193)	4
47	WL-008-01	Lockwasher 6 Internal Shakeproof (All Except ML-44193)	4
48	00-258300-00003	Stand-off (All Except ML-44193)	4
49	00-252289	Plug – Jumper (For 20 Kg Load Cell Use 1 each) (All Except ML-44193)	1
50	00-175790	Block – Conveyor Mounting	1
51	WL-006-17	Lockwasher 1/4 Medium	2
52	SC-059-28	Cap Screw 1/4-20 x 3/8 Hex Socket Hd.	2
53	SC-041-50	Cap Screw 1/4-20 x 1/2 Hex Hd. (ML-44193)	2
54	WL-006-17	Lockwasher 1/4 Medium (ML-44193)	2
55	WS-003-49	Washer (ML-44193)	2
56	00-041588	Control Assy. – Motor (Includes Control Board)	1
57	SC-100-04	Mach. Screw 10-24 x 3/8 Hex Washer Hd.	2
58	00-048429	Shaft – Pivot Package Guide	2
59	KW-003-03	Key – Woodruff 1/8 x 1/2	2
60	00-043411	Bearing – Nyliner 1/2	2
61	00-048168-00001	Bracket – Pivot Bushing (LH)	1
62	00-048168-00002	Bracket – Pivot Bushing (RH)	1
63	00-440472	Actuator Assy. – Width (Incls. Pin & Screw 8-32 x 1/2 Hex Socket Hd.)	1
64	SC-123-92	Mach. Screw 1/4-20 x 5/8 Hex Washer Hd.	2
65	SC-119-24	Mach. Screw 6-32 x 3/4 Phil. Pan Hd.	2
66	WL-008-01	Lockwasher #6 Internal Shakeproof	2
67	00-255502	Tie – Cable Locking	4
68	00-440450	Bracket – Width Switch	1
69	00-440653	Harness – Switch Wide (Incls. Switch)	1
70	00-044528	Plate – Nut	1
71	RR-004-05	Retaining Ring	2
72	00-442414	Pulley – 72 Groove	4
73	SC-124-34	Bolt – Square Neck 1/4-20 x 1/2 Rd. Hd.	2
74	WL-006-17	Lockwasher 1/4 Medium (All Except ML-44193)	4
75	WS-003-49	Washer (All Except ML-44193)	4
76	SC-041-50	Cap Screw 1/4-20 x 1/2 Hex Hd. (All Except ML-44193)	4
77	SC-100-08	Mach. Screw 1/4-20 x 3/8 Hex Washer Hd. (ML-44193)	4
78	FE-023-52	Bushing – Elec. Split	1
79	00-048162	Standoff – Motor & Belt Shroud	2
80	SC-100-04	Mach. Screw 10-24 x 3/8 Hex Washer Hd.	2
81	NS-031-07	Stop Nut 8-32 Hex	5
82	SC-041-50	Cap Screw 1/4-20 x 1/2 Hex Hd.	3
83	WL-006-17	Lockwasher 1/4 Medium	3
84	SC-100-04	Mach. Screw 10-24 x 3/8 Hex Washer Hd.	2
85	KW-003-10	Key – 606 Woodruff 3/16 x 3/4	2
86	00-041784	Motor – Brushless (DC)	1
	00-183934-00003	Tube – Plastic Shrinkable 3/32 x 4 Ft. (Cut to Length)	AR
	00-183934-00006	Tube – Plastic Shrinkable 1/4 x 4 Ft. (Cut to Length)	AR

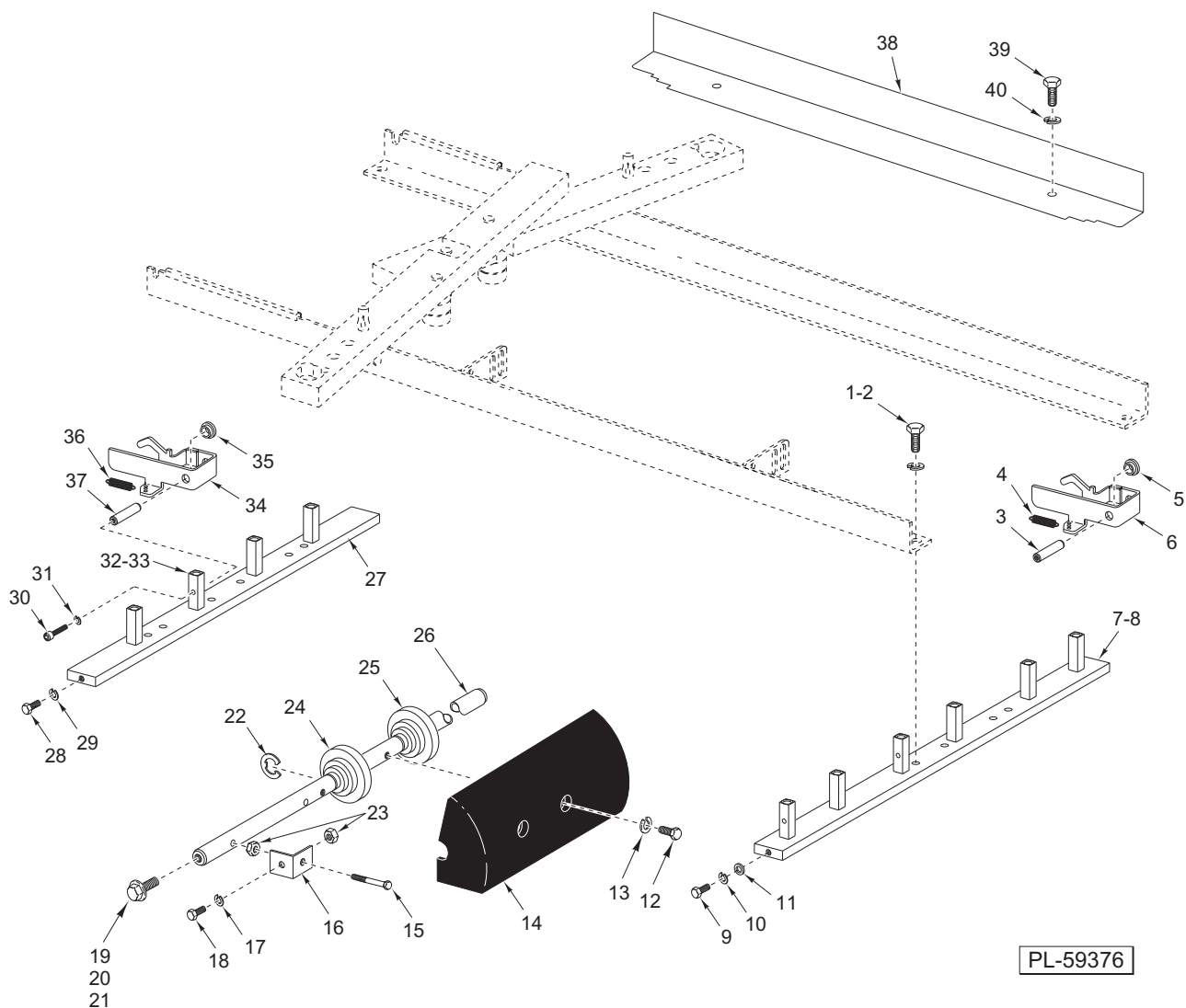


PL-53147

INTAKE PUSHER UNIT
(ML-44198, ML-44173, ML-44174, ML-44202, & ML-44203)

INTAKE PUSHER UNIT
(ML-44198, ML-44173, ML-44174, ML-44202, & ML-44203)

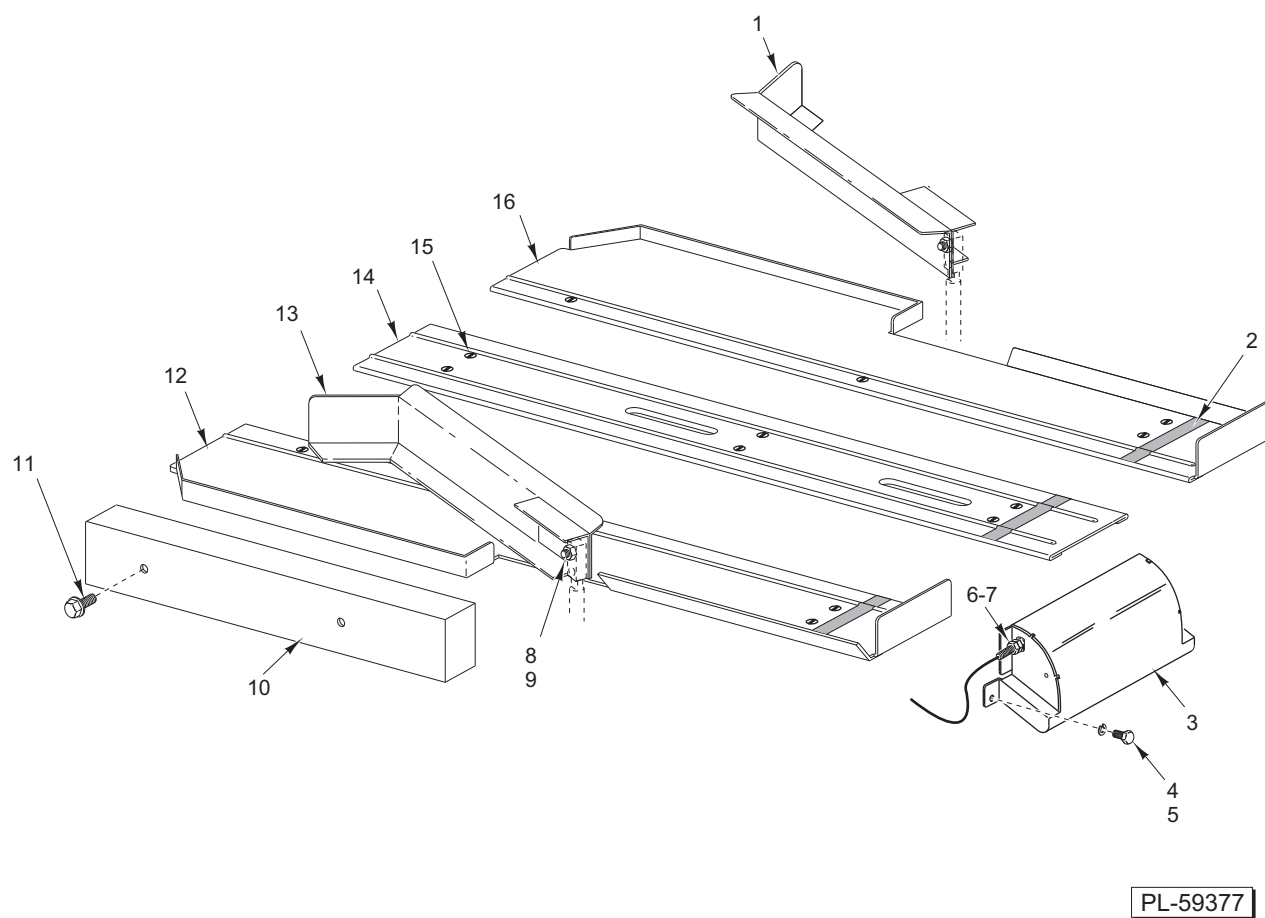
ILLUS. PL-53147	PART NO.	NAME OF PART	AMT.
1	SC-120-70	Cap Screw 1/4-20 x 1 5/8 Hex Socket Hd.	2
2	WL-008-17	Lockwasher 1/4 Internal	2
3	00-048183	Guard – Inner Pusher	1
4	SC-112-31	Cap Screw 1/4-20 x 2 1/4 Hex Hd.	2
5	00-048642	Bracket – Chain Tensioner.....	2
6	WL-006-17	Lockwasher 1/4 Medium.....	2
7	SC-041-50	Cap Screw 1/4-20 x 1/2 Hex Hd.	2
8	SC-041-50	Cap Screw 1/4-20 x 1/2 Hex Hd.	2
9	WL-006-17	Lockwasher 1/4 Medium.....	2
10	WS-003-49	Washer.....	2
11	SC-089-77	Cap Screw 8-32 x 3/4 Hex Socket Hd.	2
12	WL-013-08	Lockwasher #8 Internal Shakeproof	2
13	SC-022-73	Mach. Screw 8-32 x 3/4 Flat Hd.	2
14	00-048122	Support – Cover & Pivot Shaft.....	2
15	RR-008-13	Retaining Ring	4
16	00-048169	Wheel – Idler.....	1
17	00-048169	Wheel – Idler.....	1
18	00-049887	Shaft – Idler.....	1
19	00-048120	Bar – Support (Front).....	1
20	SC-041-50	Cap Screw 1/4-20 x 1/2 Hex Hd.	2
21	WL-006-17	Lockwasher 1/4 Medium.....	2
22	00-048154	Channel – Chain (LH).....	1
23	00-048155	Channel – Chain (RH).....	1
24	00-048090-00005	Protector – Edge.....	2
25	SC-067-07	Mach. Screw 10-24 x 1/2 Hex Hd. (SST)	2
26	WL-013-11	Lockwasher #10 Internal Shakeproof	2
27	WS-019-02	Washer.....	2
28	00-041488	Bearing – Nyloniner.....	2
29	00-048163	Actuator – Assy. (Length Switch).....	1
30	00-048140	Shaft – Switch Actuator (Length).....	1
31	00-049864	Spring – Intake Gripper.....	1
	00-183934-00003	Tube – Plastic Shrinkable 3/32 x 4 Ft. (Cut to Length).....	AR
	00-183934-00006	Tube – Plastic Shrinkable 1/4 x 4 Ft. (Cut to Length).....	AR



INTAKE PUSHER UNIT (ML-44193)

INTAKE PUSHER UNIT (ML-44193)

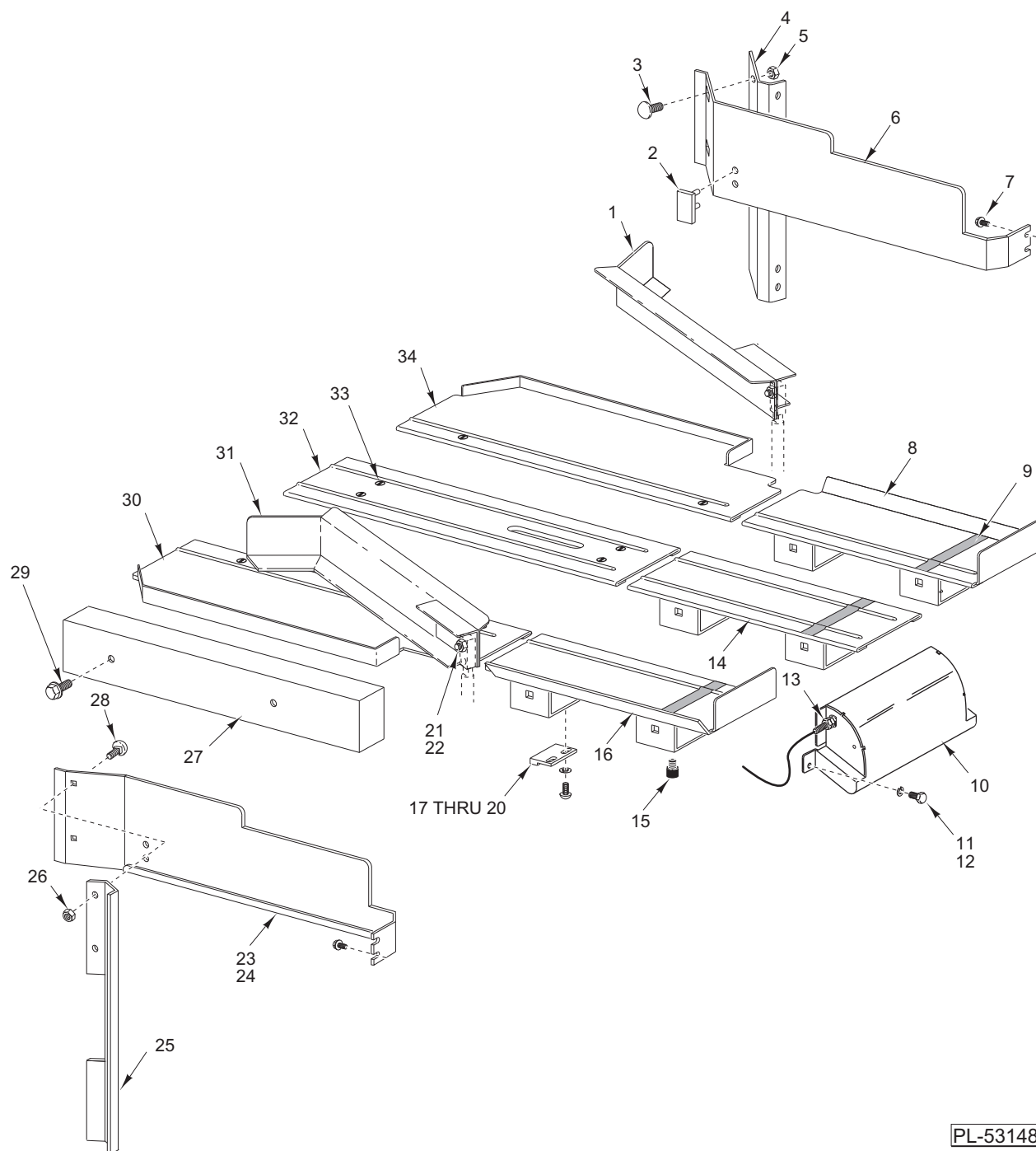
ILLUS.	PART NO.	NAME OF PART	AMT.
PL-59376			
1	SC-067-07	Mach. Screw 10-24 x 1/2 Hex Hd. (SST)	6
2	WL-013-11	Lockwasher #10 Internal Shakeproof	6
3	00-048140	Shaft – Switch Actuator (Length)	1
4	00-049864	Spring – Intake Gripper.....	1
5	00-041488	Bearing – Nyliner	2
6	00-048163	Actuator – Assy. (Length Switch)	1
7	00-048120	Bar – Support (Front).....	1
8	00-255502	Tie – Cable Locking	2
9	SC-041-50	Cap Screw 1/4-20 x 1/2 Hex Hd.	2
10	WL-006-17	Lockwasher 1/4 Medium.....	2
11	WS-003-49	Washer.....	2
12	SC-120-70	Cap Screw 1/4-20 x 1 5/8 Soc. Hd.	2
13	WL-008-17	Lockwasher 1/4 Internal	2
14	00-048183	Guard – Inner Pusher	1
15	SC-112-31	Cap Screw 1/4-20 x 2 1/4 Hex Hd.	2
16	00-048642	Bracket – Chain Tensioner.....	2
17	WL-006-17	Lockwasher 1/4 Medium.....	2
18	SC-041-50	Cap Screw 1/4-20 x 1/2 Hex Hd.	2
19	SC-041-50	Cap Screw 1/4-20 x 1/2 Hex Hd.	2
20	WL-006-17	Lockwasher 1/4 Medium.....	2
21	WS-003-49	Washer.....	2
22	RR-008-13	Retaining Ring	4
23	NS-015-01	Nut 1/4-20 Hex (SST)	4
24	00-048169	Wheel – Idler.....	1
25	00-048169	Wheel – Idler.....	1
26	00-049887	Shaft – Idler	1
27	00-048120	Bar – Support (Front).....	1
28	SC-041-50	Cap Screw 1/4-20 x 1/2 Hex Hd.	2
29	WL-006-17	Lockwasher 1/4 Medium.....	2
30	SC-089-77	Cap Screw 8-32 x 3/4 Soc. Hd.	4
31	WL-013-08	Lockwasher #8 Internal Shakeproof	4
32	SC-022-73	Mach. Screw 8-32 x 3/4 Flat Hd.	10
33	00-048122	Support – Cover & Pivot Shaft.....	10
34	00-048163	Actuator – Assy. (Length Switch)	1
35	00-041488	Bearing – Nyliner	2
36	00-049864	Spring – Intake Gripper.....	1
37	00-048140	Shaft – Switch Actuator (Length)	1
38	00-441706	Angle – Support.....	2
39	SC-067-07	Mach. Screw 10-24 x 1/2 Hex Hd. (SST)	4
40	WL-013-11	Lockwasher #10 Internal Shakeproof	4
	00-183934-00003	Tube – Plastic Shrinkable 3/32 x 4 Ft. (Cut to Length).....	AR
	00-183934-00006	Tube – Plastic Shrinkable 1/4 x 4 Ft. (Cut to Length).....	AR



INTAKE AND COVERS (ML-44193)

INTAKE AND COVERS (ML-44193)

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-59377			
1	00-048131	Arm Assy. – Centering (RH).....	1
2	00-542689	Tape – Plastic (3M #471 Red Vinyl).....	1
3	00-049880	Cover Assy. – Pusher.....	1
4	SC-041-50	Cap Screw 1/4-20 x 1/2 Hex Hd.....	2
5	WL-006-17	Lockwasher 1/4 Medium.....	2
6	00-048531	Harness – Home Switch (Incls. Item 7)	1
7	00-446022	Intake – Primary Home	1
8	SC-122-06	Bolt 1/4-20 x 1 1/4 Sq. Neck, Rd. Hd.....	4
9	NS-038-04	Lock Nut 1/4-20 Hex.....	4
10	00-048161	Shroud – Belt & Motor Control.....	1
11	SC-100-04	Mach. Screw 10-24 x 3/8 Hex Washer Hd.....	2
12	00-441061	Cover Assy. – Top (LH)	1
13	00-048134	Arm Assy. – Centering (LH)	1
14	00-441051	Cover – Intake Center.....	1
15	SC-022-08	Mach. Screw 8-32 x 3/8 Flat Hd.	14
16	00-441062	Cover Assy. – Top (RH).....	1
	00-440608	Guide – 7/25 (Not Shown).....	2

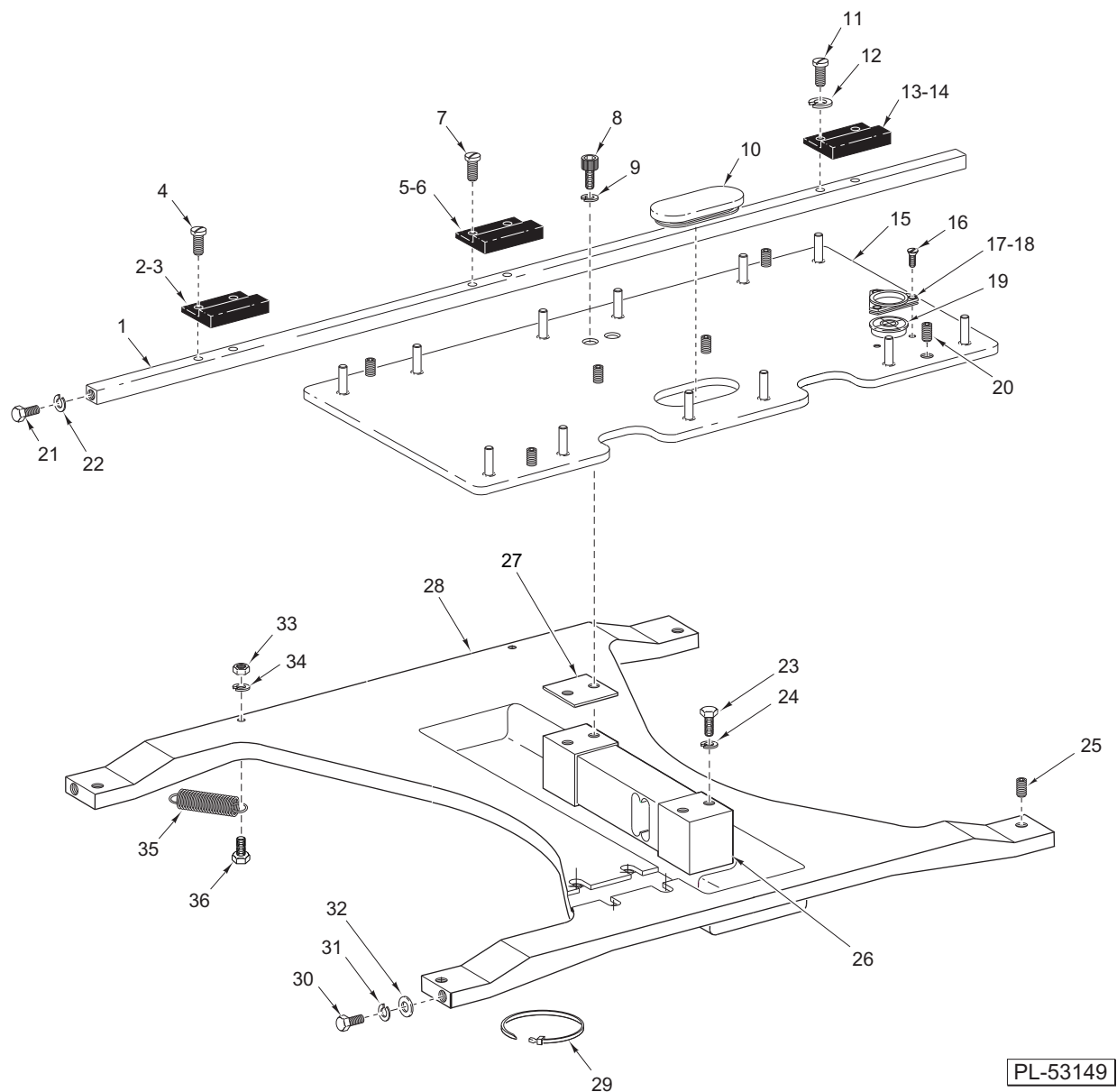


PL-53148

INTAKE PLATTERS AND COVERS
(ML-44173, ML-44174, ML-44198, ML-44202, & ML-44203)

INTAKE PLATTERS AND COVERS
(ML-44173, ML-44174, ML-44198, ML-44202, & ML-44203)

ILLUS. PL-53148	PART NO.	NAME OF PART	AMT.
1	00-048131	Arm Assy. – Centering (RH).....	1
2	00-043452	Set – Gripper Pad (Set of 13)	1
3	SC-124-34	Bolt – Square Neck 1/4-20 x 1/2 Rd. Hd.	2
4	00-048054	Bracket – Support (RH)	1
5	NS-038-08	Lock Nut 1/4-20 x 1 Hex	2
6	00-048057	Shield – Intake (RH)	1
7	SC-100-08	Mach. Screw 1/4-20 x 3/8 Hex Washer Hd. “Whiz-Loc”	4
8	00-049892	Platter Assy. – RH Section.....	1
9	00-542689	Tape – Plastic (3M #471 Red Vinyl).....	1
10	00-049880	Cover Assy. – Pusher.....	1
11	SC-041-50	Cap Screw 1/4-20 x 1/2 Hex Hd.	2
12	WL-006-17	Lockwasher 1/4 Medium.....	2
13	00-446022	Intake – Primary Home	1
14	00-048102	Platter Assy. – Center Section	1
15	00-043319	Mount – Platter	AR
16	00-049890	Platter Assy. – LH Section.....	1
17	00-183396	Plate – Screw Switch.....	3
18	00-175999	Actuator – Magnetic.....	3
19	WL-013-02	Lockwasher #4 Internal Shakeproof	6
20	SC-021-02	Mach. Screw 4-40 x 1/2 Rd. Hd.	6
21	SC-122-06	Bolt 1/4-20 x 1 1/4 Sq. Neck, Rd. Hd.	4
22	NS-038-04	Lock Nut 1/4-20 Hex	4
23	00-048058	Shield – Intake (LH)	1
24	00-043452	Set – Gripper Pad (Set of 13)	1
25	00-048055	Bracket – Support (LH)	1
26	NS-038-08	Lock Nut 1/4-20 x 1 Hex	2
27	00-048161	Shroud – Belt & Motor Control	1
28	SC-124-34	Bolt – Square Neck 1/4-20 x 1/2 Rd. Hd.	2
29	SC-100-04	Mach. Screw 10-24 x 3/8 Hex Washer Hd.	2
30	00-049894	Cover Assy. – Top (LH)	1
31	00-048134	Arm Assy. – Centering (LH)	1
32	00-048128	Cover – Intake Center.....	1
33	SC-022-08	Mach. Screw 8-32 x 3/8 Flat Hd.	8
34	00-049896	Cover Assy. – Top (RH).....	1
	00-440608	Guide 7/25.....	2
	00-048531	Harness – Home Switch (Incls. Item 13)	1
	00-254817	Pin – Contact (Use With Item 13)	2



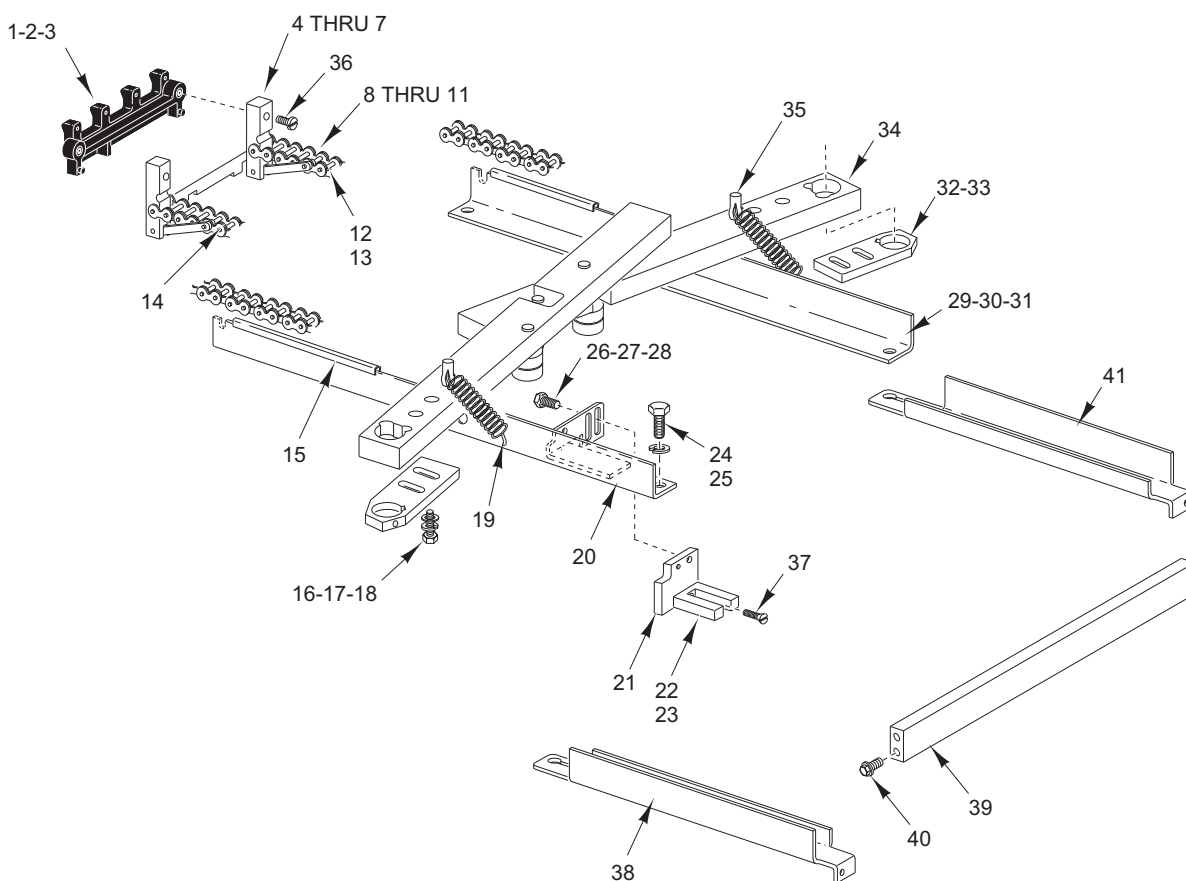
PL-53149

LOADCELL SUPPORT UNIT
(ML-44198, ML-44173, ML-44174, ML-44202, & ML-44203)

LOADCELL SUPPORT UNIT
(ML-44198, ML-44173, ML-44174, ML-44202, & ML-44203)

ILLUS. PL-53149	PART NO.	NAME OF PART	AMT.
1	00-048636	Bar – Sensor Mounting	1
2	00-175998	Sensor – Switch (LH)	1
3	00-183396	Plate – Screw Switch	1
4	SC-021-02	Mach. Screw 4-40 x 1/2 Rd. Hd.	2
5	00-175998	Sensor – Switch (CRT)	1
6	00-183396	Plate – Screw Switch	1
7	SC-021-02	Mach. Screw 4-40 x 1/2 Rd. Hd.	2
8	SC-110-98	Cap Screw 1/4-20 x 3/4 Hex Hd.	2
9	WL-008-17	Lockwasher 1/4 Internal	2
10	00-048699	Cover – Load Cell Mounting	1
11	SC-021-02	Mach. Screw 4-40 x 1/2 Rd. Hd.	2
12	WL-013-02	Lockwasher #4 Internal Shakeproof	6
13	00-183396	Plate – Screw Switch	1
14	00-175998	Sensor – Switch (RH)	1
15	00-048757	Support Assy. – Platter	1
16	SC-124-80	Mach. Screw 4-40 x 5/16 Flat Hd. (SST)	3
17	00-047276	Flange (Level)	1
18	00-049040	Gasket – Level Flange	1
19	00-043112	Level	1
20	SC-124-35	Set Screw 1/4-20 x 1/2 Hdls.	6
21	SC-068-14	Mach. Screw 8-32 x 3/8 Hex Hd.	2
22	WL-013-08	Lockwasher #8 Internal Shakeproof	2
23	SC-120-70	Cap Screw 1/4-20 x 1 5/8 Soc. Hd.	2
24	WL-008-17	Lockwasher 1/4 Int.	2
25	SC-055-25	Set Screw 1/4-20 x 1 Hdls.	4
*26	00-442777	Loadcell – 20 kg (Multiple Range)	1
27	00-048153	Spacer – Loadcell	1
28	00-048209	Support – Loadcell	1
29	00-255502	Tie – Cable Locking	AR
30	SC-041-50	Cap Screw 1/4-20 x 1/2 Hex Hd.	4
31	WL-006-17	Lockwasher 1/4 Medium	4
32	WS-003-49	Washer	4
33	NS-011-12	Nut 8-32 Hex	2
34	WL-013-08	Lockwasher #8 Internal Shakeproof	2
35	00-175798	Spring – Package Width	2
36	SC-089-77	Cap Screw 8-32 x 3/4 Hex Socket Hd.	2
	00-048533	Harness – Platter Switch (LH) (Incls. Item 2)	1
	00-048534	Harness – Platter Switch (CRT) (Incls. Item 5)	1
	00-048535	Harness – Platter Switch (RH) (Incls. Item 14)	1
	00-254817	Pin – Contact (Use With Items 2, 5, & 14)	AR

* This Part May Require Jumper Plug 00-252289 on Scale Control Board Assembly.



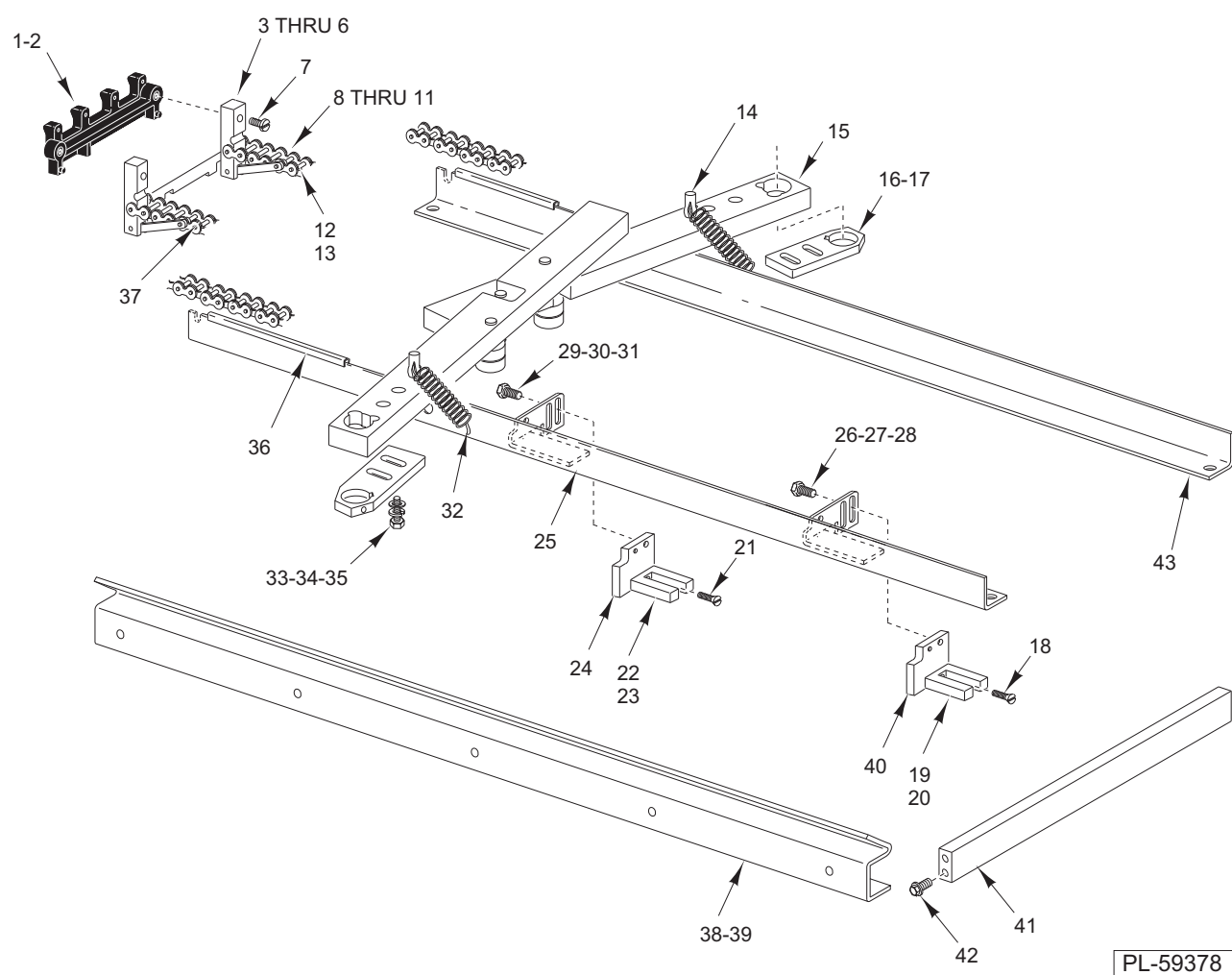
PL-53150

INTAKE UNIT (LOWER PORTION)
(ML-44198, ML-44173, ML-44174, ML-44202, & ML-44203)

INTAKE UNIT (LOWER PORTION)
(ML-44198, ML-44173, ML-44174, ML-44202, & ML-44203)

ILLUS. PL-53150	PART NO.	NAME OF PART	AMT.
1	00-049746	Pusher Assy. (Narrow) (5 ³ / ₄ ")	2
*2	00-443644	Pusher Assy. (Wide) (7 ¹ / ₄ ") (68 Degree Angle)	2
3	SC-124-79	Set Screw 4-40 x 1/4 Hdls., Cone Pt.	8
4	00-175775	Link – Pusher	2
5	RP-002-01	Roll Pin 5/32 Dia. x 3/8 Lg.	2
6	00-048142	Arm – Pusher Mounting	2
7	00-048170	Pusher Arm & Link Assy. (Incls. Items 4, 5, & 6)	2
8	00-440662	Intake Chain SST (RH) (Incls. Items 7, 9, & 12)	1
9	00-440664	Chain – Intake	4
10	00-440665	Chain – Intake	4
11	00-175770	Spacer – Pusher Arm	4
12	00-440663	Link – Connecting #40 (Double Strand)	8
13	00-175771	Spacer – Pusher Link	4
14	00-440661	Intake Chain Assy. (LH) (Incls. Items, 7, & 9 thru 13)	1
15	00-048090-00005	Protector – Edge	2
16	SC-041-01	Cap Screw 1/4-20 x 3/4 Hex Hd	4
17	WL-006-17	Lockwasher 1/4 Medium	4
18	WS-003-49	Washer	4
19	00-175798	Spring – Package Width	2
20	00-048158	Rail & Length Bracket	1
21	00-048139	Plate – Sensor Mounting	1
22	00-048530	Harness – Package Length (Incls. Item 23)	1
23	00-046945	Switch – Vane (For Service Switch Only)	1
24	SC-067-07	Mach. Screw 10-24 x 1/2 Hex Hd. (SST)	4
25	WL-013-11	Lockwasher #10 Internal Shakeproof	4
26	SC-067-07	Mach. Screw 10-24 x 1/2 Hex Hd. (SST)	2
27	WL-013-11	Lockwasher #10 Internal Shakeproof	2
28	WS-019-06	Washer	2
29	00-048157	Rail – Chain Support (R.H.)	1
30	SC-067-07	Mach. Screw 10-24 x 1/2 Hex Hd. (SST)	4
31	WL-013-11	Lockwasher #10 Internal Shakeproof	4
32	SC-047-75	Set Screw 1/4-20 x 1/4 Soc. Hdls. Cup Pt.	1
33	00-184046	Plate – Adjusting (Incls. Item 32)	2
34	00-044700	Lever Assy. (Incls. Rollers)	2
35	PG-011-15	Groove Pin 3/16	2
36	SC-112-39	Mach. Screw 8-32 x 3/4 Rd. Hd. (SST)	4
37	SC-124-80	Mach. Screw 4-40 x 5/16 Flat Hd. (SST)	1
38	00-048154	Channel – Chain (LH)	1
39	00-442410	Bar – Front Mounting	1
40	SC-100-12	Mach. Screw 5/16-18 x 3/4 Hex Washer Hd.	4
41	00-048155	Channel – Chain (RH)	1
	00-183934-00003	Tube – Plastic Shrinkable 3/32 x 4 Ft. (Cut to Length)	1
	00-183934-00006	Tube – Plastic Shrinkable 1/4 x 4 Ft. (Cut to Length)	1

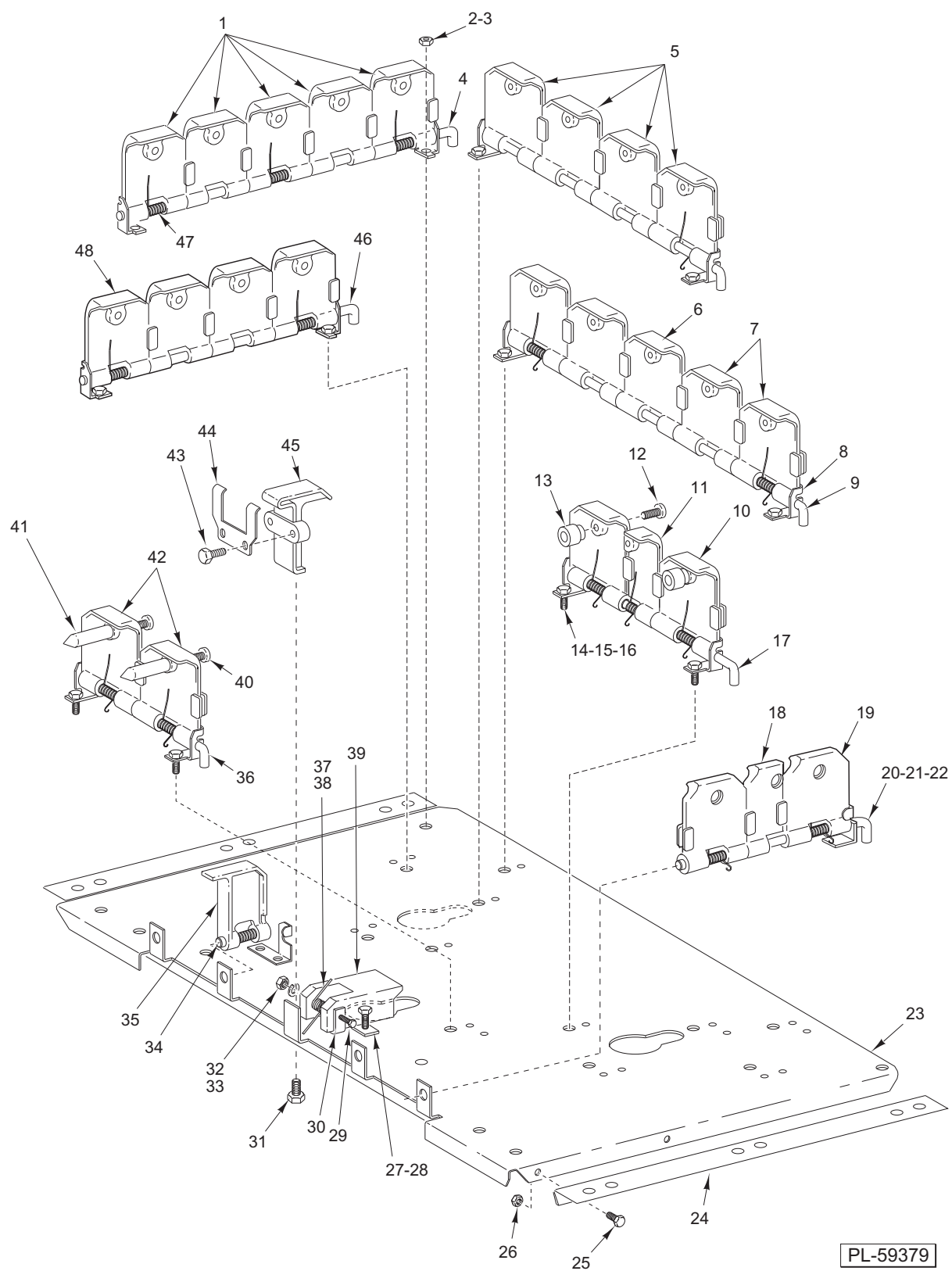
*Use Wide Pusher Only as a Direct Replacement for Wide Pusher Machines.



INTAKE UNIT (LOWER PORTION) (ML-44193)

INTAKE UNIT (LOWER PORTION) (ML-44193)

ILLUS. PL-59378	PART NO.	NAME OF PART	AMT.
1	00-443644	Pusher Assy. (Incls. Item 2)	2
2	SC-124-79	Set Screw 4-40 x 1/4 Hds., Cone Pt.	8
3	00-175775	Link – Pusher	2
4	RP-002-01	Roll Pin 5/32 Dia. x 3/8 Lg.	2
5	00-048142	Arm – Pusher Mounting	2
6	00-048170	Pusher Arm & Link Assy. (Incls. Items 3, 4, & 5)	2
7	SC-112-39	Mach. Screw 8-32 x 3/4 Rd. Hd. (SST)	4
8	00-440662	Chain – Intake Assy (SST) (RH) (Incls. Items 6 & 9 thru 13)	1
9	00-440664	Chain – Intake	4
10	00-440665	Chain – Intake	4
11	00-175770	Spacer – Pusher Arm	4
12	00-440663	Link – Connecting #40 (Double Strand)	8
13	00-175771	Spacer – Pusher Link	4
14	PG-011-15	Groove Pin 3/16	2
15	00-044700	Lever Assy. (Incls. Roller)	2
16	00-184046	Plate – Adjusting	2
17	SC-047-75	Set Screw 1/4-20 x 1/4 Socket Hds., Cup Pt.	2
18	SC-124-80	Mach. Screw 4-40 x 5/16 Flat Hd. (SST)	1
19	00-048530	Harness (Package Sense Switch) (Incls. Item 20)	1
20	00-046945	Switch – Vane	1
21	SC-124-80	Mach. Screw 4-40 x 5/16 Flat Hd. (SST)	1
22	00-048530	Harness (Package Length) (Incls. Item 23)	1
23	00-046945	Switch – Vane	1
24	00-048139	Plate – Sensor Mounting	1
25	00-441054	Rail – Chain Support (LH)	1
26	SC-067-07	Mach. Screw 10-24 x 1/2 Hex Hd. (SST)	2
27	WL-013-11	Lockwasher #10 Internal Shakeproof	2
28	WS-019-06	Washer	2
29	SC-067-07	Mach. Screw 10-24 x 1/2 Hex Hd. (SST)	2
30	WL-013-11	Lockwasher #10 Internal Shakeproof	2
31	WS-019-06	Washer	2
32	00-175798	Spring – Package Width	2
33	SC-041-01	Cap Screw 1/4-20 x 3/4 Hex Hd. (SST)	4
34	WL-006-17	Lockwasher 1/4 Medium	4
35	WS-003-49	Washer	4
36	00-048090-00005	Protector – Edge	2
37	00-440661	Intake Chain Assy. (SST) (LH) (Incls. Items 6 & 9 thru 13)	1
38	00-048196	Rail – Pan (LH)	1
39	00-048197	Rail – Pan (RH)	1
40	00-048139	Plate – Sensor Mounting	1
41	00-442410	Bar – Front Mounting	1
42	SC-100-12	Mach. Screw 5/16-18 x 3/4 Hex Washer Hd.	4
43	00-441052	Rail – Chain Support (RH)	1
	00-183934-00003	Tube – Plastic Shrinkable 3/32 x 4 Ft. (Cut to Length)	1
	00-183934-00006	Tube – Plastic Shrinkable 1/4 x 4 Ft. (Cut to Length)	1

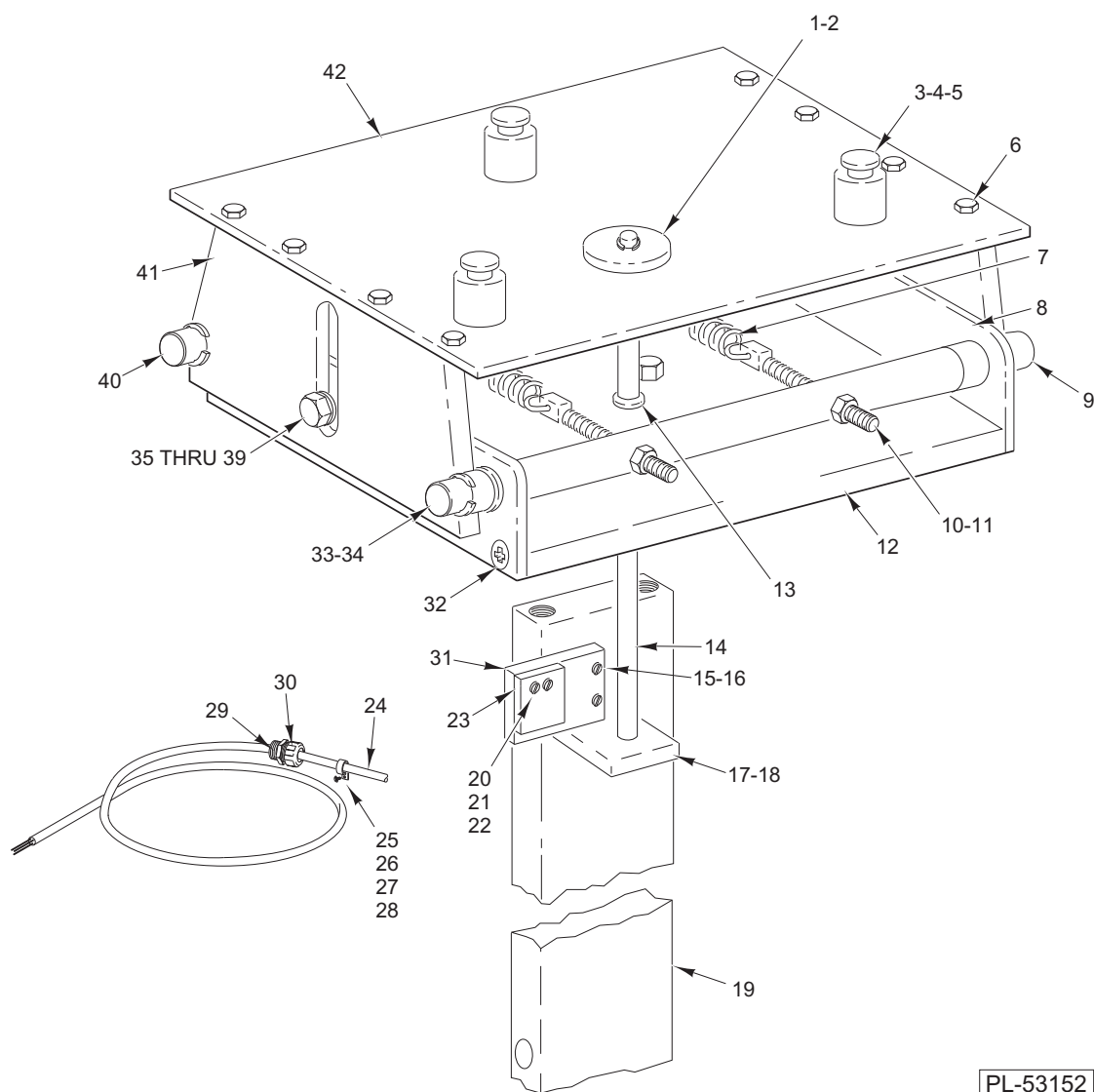


PL-59379

ELEVATOR PLATFORM

ELEVATOR PLATFORM

ILLUS. PL-59379	PART NO.	NAME OF PART	AMT.
1	00-334067	Slat – Smooth	10
2	SC-116-32	Cap Screw 10-32 x $\frac{3}{8}$ Hex Hd. (SST)	4
3	NS-031-49	Stop Nut 10-32 Hex	4
4	00-332216	Rod – Elevator (#1 Front)	2
5	00-334066	Slat – Textured	4
6	00-334067	Slat – Smooth	1
7	00-334066	Slat – Textured	4
8	00-332212	Bracket – LH Stop	10
9	00-332216	Rod – Elevator (#1 Front)	3
10	00-334066	Slat – Textured	2
11	00-042651	Slat – Elevator (Half)	1
12	SC-093-21	Mach. Screw 10-32 x $\frac{3}{8}$ Pan Hd. (SST)	2
13	00-440134	Spacer – Elevator	2
14	00-332213	Bracket – RH Stop	10
15	SC-116-32	Cap Screw 10-32 x $\frac{3}{8}$ Hex Hd. (SST)	22
16	NS-048-19	Nut Assy. 10-32 KEPS	22
17	00-333328	Rod – Elevator (#3 Front)	1
18	00-334940	Slat – Elevator (Half)	2
19	00-334066	Slat – Textured	4
20	00-041512	Shaft – Slat	2
21	00-333147	Spring – Slat (Torsion)	4
22	NS-031-49	Stop Nut 10-32 Hex	4
23	00-049334	Platform – Elevator	1
24	00-441117	Bracket – Slat Extention	2
25	SC-116-32	Cap Screw 10-32 x $\frac{3}{8}$ Hex Hd. (SST)	4
26	NS-048-19	Nut Assy. 10-32 KEPS	4
27	SC-116-32	Cap Screw 10-32 x $\frac{3}{8}$ Hex Hd. (SST)	2
28	NS-048-19	Nut Assy. 10-32 KEPS	2
29	SC-116-30	Mach. Screw 6-32 x $1\frac{1}{4}$ Hex Hd. (SST)	1
30	00-331291	Bracket – Elevator Latch	1
31	SD-034-21	Self-Tapping Screw 10-16 x $\frac{1}{2}$ Hex Washer Hd., Type AB	1
32	WL-006-42	Lockwasher #6 Medium	1
33	NS-011-07	Nut 6-32 Hex	1
34	00-332215	Rod – Elevator (Side)	2
35	00-048198	Slat – Elevator	2
36	00-332214	Rod – Elevator (#4 Front)	1
37	00-331288	Spring – Latch Torsion	1
38	00-331285	Sleeve – Elevator Latch	1
39	00-331284	Latch – Elevator Platform	1
40	SC-093-21	Mach. Screw 10-32 x $\frac{3}{8}$ Pan Hd. (SST)	2
41	00-048199	Stud – Slat	2
42	00-334066	Slat – Textured	2
43	SD-034-21	Self-Tapping Screw 10-16 x $\frac{1}{2}$ Hex Washer Hd., Type AB	2
44	00-049874	Bracket – Elevator Stop	1
45	00-049934	Post – Elevator	1
46	00-332219	Rod – Elevator (#2 Front)	2
47	00-333147	Spring – Slat (Torsion)	19
48	00-334067	Slat – Smooth	8
	00-048260	Elevator (Complete)	1



PL-53152

ELEVATOR SUPPORT

ELEVATOR SUPPORT

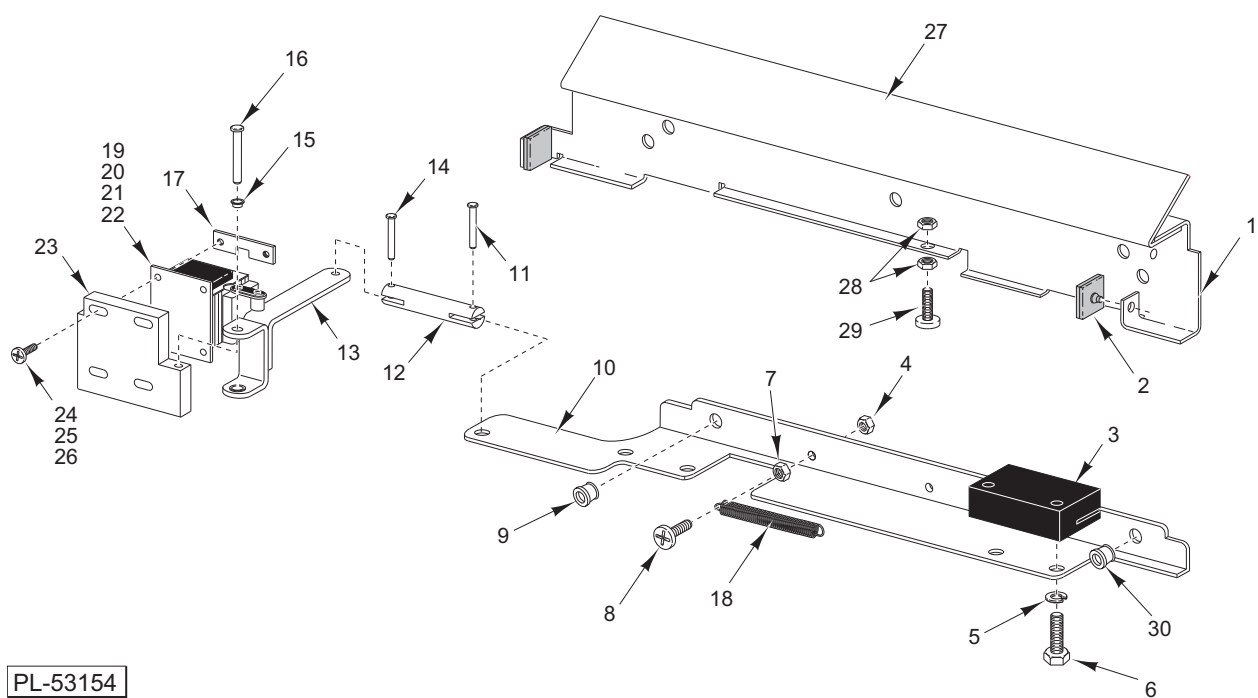
ILLUS.	PART NO.	NAME OF PART	AMT.
PL-53152			
1	WS-022-33	Washer.....	2
2	RR-010-06	Retaining Ring	2
3	00-330310	Stud – Elevator	3
4	SC-118-20	Cap Screw 1/4-20 x 1/2 Hex Hd.	3
5	WL-006-17	Lockwasher 1/4 Medium.....	3
6	SD-024-18	Self-Tapping Screw 10-24 x 1/2 Hex Hd., Type TT.....	8
7	00-044622	Spring	2
8	00-334157	Plate – Retaining	2
9	00-334049	Shaft – Locating.....	1
10	00-334201	Nut – Adjusting.....	2
11	00-334202	Hook – Spring.....	2
12	00-183746	Plate – Lower.....	1
13	00-334046	Bushing.....	1
14	00-334048	Plunger	1
15	SC-009-64	Mach. Screw 6-32 x 1 Rd. Hd.....	1
16	WL-006-42	Lockwasher #6 Medium.....	1
17	00-183738	Plate – Switch Actuator.....	1
18	SC-088-70	Set Screw 10-24 x 1/4 Hex Hdls., Cup Pt.....	1
19	00-175586	Support – Elevator.....	1
20	SC-009-85	Mach. Screw 6-32 x 1 1/4 Rd. Hd.....	3
21	WL-006-42	Lockwasher #6 Medium.....	4
22	WS-023-01	Washer.....	3
23	00-334728	Switch Assy.....	1
24	00-046979	Cable – Elevator Switch.....	1
25	00-086967	Clamp	1
26	SC-009-85	Mach. Screw 6-32 x 1 1/4 Rd. Hd.....	1
27	WS-023-01	Washer.....	1
28	WL-006-42	Lockwasher #6 Medium.....	1
29	FE-006-07	Lock Nut 1/2 (Use With Cable Assy.).....	1
30	FE-022-84	Relief – Strain (Use With Cable Assy.).....	1
31	00-334729	Plate – Switch.....	1
32	SD-024-16	Self-Tapping Screw 10-24 x 1/2 Phil. Flat Hd., Type TT.....	8
33	00-334050	Bushing – Slide.....	4
34	RR-004-03	Retaining Ring	4
35	SC-117-91	Cap Screw 1/4-20 x 1 Hex Hd.	4
36	NS-015-01	Nut 1/4-20 Hex (SST).....	2
37	WL-006-17	Lockwasher 1/4 Medium.....	4
38	00-334060	Spacer	2
39	WS-022-10	Washer.....	2
40	00-334110	Shaft – Adjusting.....	1
41	00-334286	Support	2
42	00-334160	Plate – Top Support	1
	00-183747	Plate & Bushing (Incls. Items 12 & 13).....	1



ELEVATOR LEVER

ELEVATOR LEVER

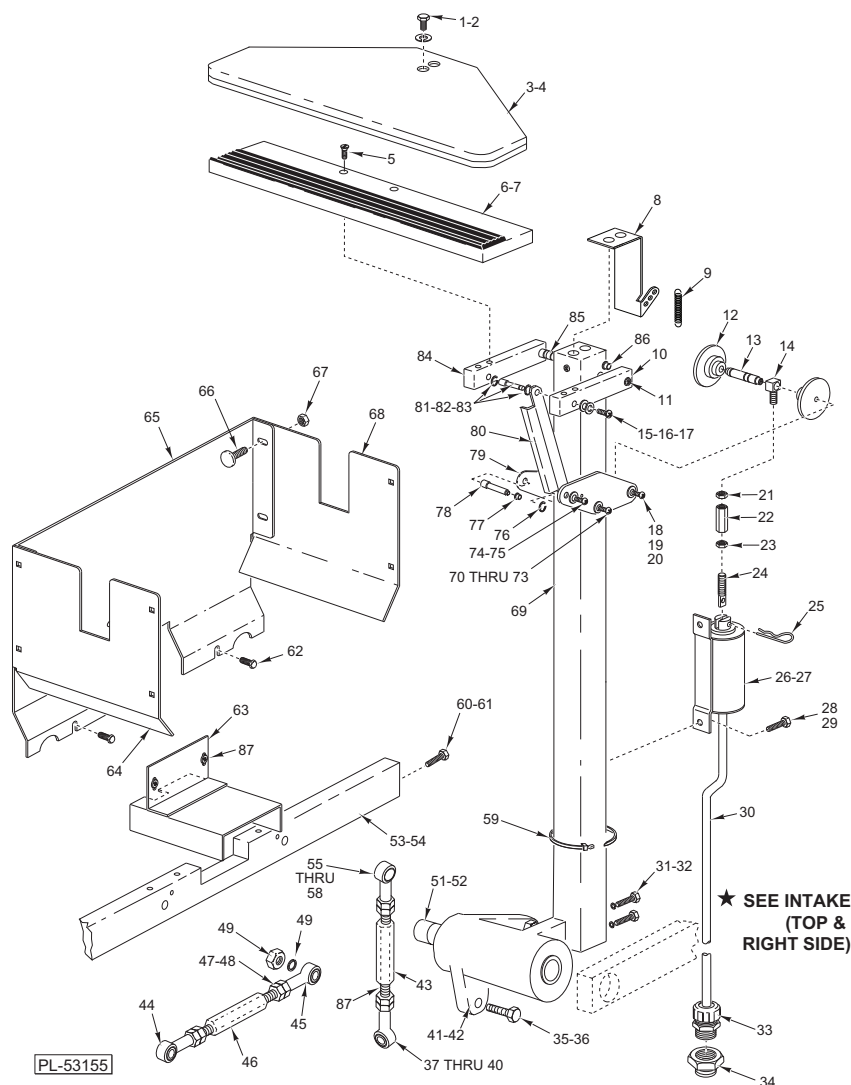
ILLUS.	PART NO.	NAME OF PART	AMT.
PL-53153			
1	SC-104-08	Shoulder Screw $\frac{5}{16}$ -18 x $\frac{3}{4}$ Hex Socket Hd.	2
2	WS-018-24	Washer.	2
3	00-330820	Elevator Clevis Assy.	1
4	00-334918	Lever – Elevator Upper.	1
5	SC-118-11	Cap Screw $\frac{3}{8}$ -16 x $\frac{7}{8}$ Hex Hd.	2
6	WL-004-06	Lockwasher $\frac{3}{8}$ Medium.	2
7	00-131841	Collar $1\frac{5}{8}$ Dia.	2
8	SC-075-15	Set Screw $\frac{5}{16}$ -18 x $\frac{3}{8}$ Hex Hdls., Cup Pt.	2
9	00-334921	Bearing – Nyliner.	1
10	00-175972	Shaft – Underfolder Drive.	1
11	00-047842	Bracket – Bearing.	1
12	00-334921	Bearing – Nyliner.	1
13	SC-123-94	Cap Screw $\frac{3}{8}$ -16 x $\frac{3}{4}$ Hex Washer Hd.	4
14	00-175871	Lower Elevator Clevis Assy.	2
15	SC-097-11	Cap Screw $\frac{5}{16}$ -18 x 4 Hex Hd.	2
16	SC-104-08	Shoulder Screw $\frac{5}{16}$ -18 x $\frac{3}{4}$ Hex Socket Hd.	2
17	WS-018-24	Washer.	2
18	WL-003-47	Lockwasher $\frac{5}{16}$ Medium.	2
19	NS-013-14	Nut $\frac{5}{16}$ -18 Hex.	2
20	00-125665	Bolt – $\frac{1}{4}$ -28 UNF-2A x $2\frac{1}{4}$ Hex Hd.	1
21	00-330340	Cam – Roller Stud.	1
22	NS-013-36	Nut $\frac{1}{2}$ -20 Hex.	1
23	WL-004-11	Lockwasher $\frac{1}{2}$ Medium.	1
24	WS-020-06	Washer.	1
25	00-175866	Elevator Lever Assy.	1
26	00-086782	Bearing – Ball.	1
27	SC-123-94	Cap Screw $\frac{3}{8}$ -16 x $\frac{3}{4}$ Hex Washer Hd.	2
28	00-175865	Shaft – Elevator.	2
29	00-131841	Collar $1\frac{5}{8}$ Dia.	2
30	SC-075-15	Set Screw $\frac{5}{16}$ -18 x $\frac{3}{8}$ Hex Hdls., Cup Pt.	2
31	RR-010-17	Retaining Ring.	1
32	NS-048-25	Stop Nut $\frac{1}{4}$ -28 Hex.	1
33	WL-003-38	Lockwasher $\frac{1}{4}$ Medium.	1
34	00-049457	Bracket – Elevator Bumper (Bolt-on Only).	1
35	WL-003-47	Lockwasher $\frac{5}{16}$ Medium.	4
36	SC-120-38	Cap Screw $\frac{5}{16}$ -18 x 1 Hex Hd.	4
37	00-049458	Bumper – Elevator.	1
38	NS-038-11	Stop Nut $\frac{5}{16}$ -18 Hex.	1
39	WL-003-47	Lockwasher $\frac{5}{16}$ Medium.	1
40	00-049465	Plate – Clamp.	1
	00-049466	Kit – Elevator Bumper (Incls. Items 34, 35, 36, 37, 38, 39 & 40)	1
		★ See Film Length.	



GRIPPER UNLOADER SLIDE UNIT (WITH SOLENOID & LEVER ASSEMBLY)

GRIPPER UNLOADER SLIDE UNIT (WITH SOLENOID & LEVER ASSEMBLY)

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-53154			
1	00-049128	Stop – Unloader.....	1
2	00-043451	Pad – Gripper (Gray) (Set of 13 Pads).....	1
3	00-049127	Block – Unloader.....	2
4	NS-011-12	Mach. Nut 8-32 Hex.....	1
5	WL-006-07	Lockwasher #10 Medium.....	4
6	SC-067-07	Mach. Screw 10-24 x 1/2 Hex Hd. (SST).....	4
7	NS-011-12	Nut 8-32 Hex.....	1
8	SC-093-04	Mach. Screw 8-32 x 1/2 Phil. Pan Hd. (SST).....	1
9	00-175560	Bushing – Nyliner.....	1
10	00-049126	Bracket – Unloader.....	1
11	00-049124	Pin – Clevis (1 Lg.).....	2
12	00-049125	Link – Unloader.....	1
13	00-049121	Lever Assy.....	1
14	00-049124	Pin – Clevis (1 Lg.).....	1
15	00-175560	Bushing – Nyliner.....	2
16	00-049123	Pin – Clevis (2 Lg.).....	1
17	00-049144	Plate – Nut.....	2
18	00-049864	Spring – Intake Gripper.....	2
19	00-049148	Solenoid (220-230 VAC/50-60 Hz.).....	1
20	FE-006-07	Fitting.....	1
21	FE-022-84	Strain Relief.....	1
22	00-065890-00138	Terminal.....	1
23	00-049122	Block – Solenoid Mounting.....	1
24	SC-110-39	Mach. Screw 10-24 x 7/8 Hex Hd.	4
25	WL-004-40	Lockwasher #10 Medium.....	4
26	WS-019-06	Washer.....	4
27	00-049385	Shield – Film Unloader Bracket.....	1
28	NS-011-12	Nut 8-32 Hex.....	2
29	SC-093-04	Mach. Screw 8-32 x 1/2 Phil. Pan Hd. (SST).....	1
30	00-175560	Bushing – Nyliner.....	1

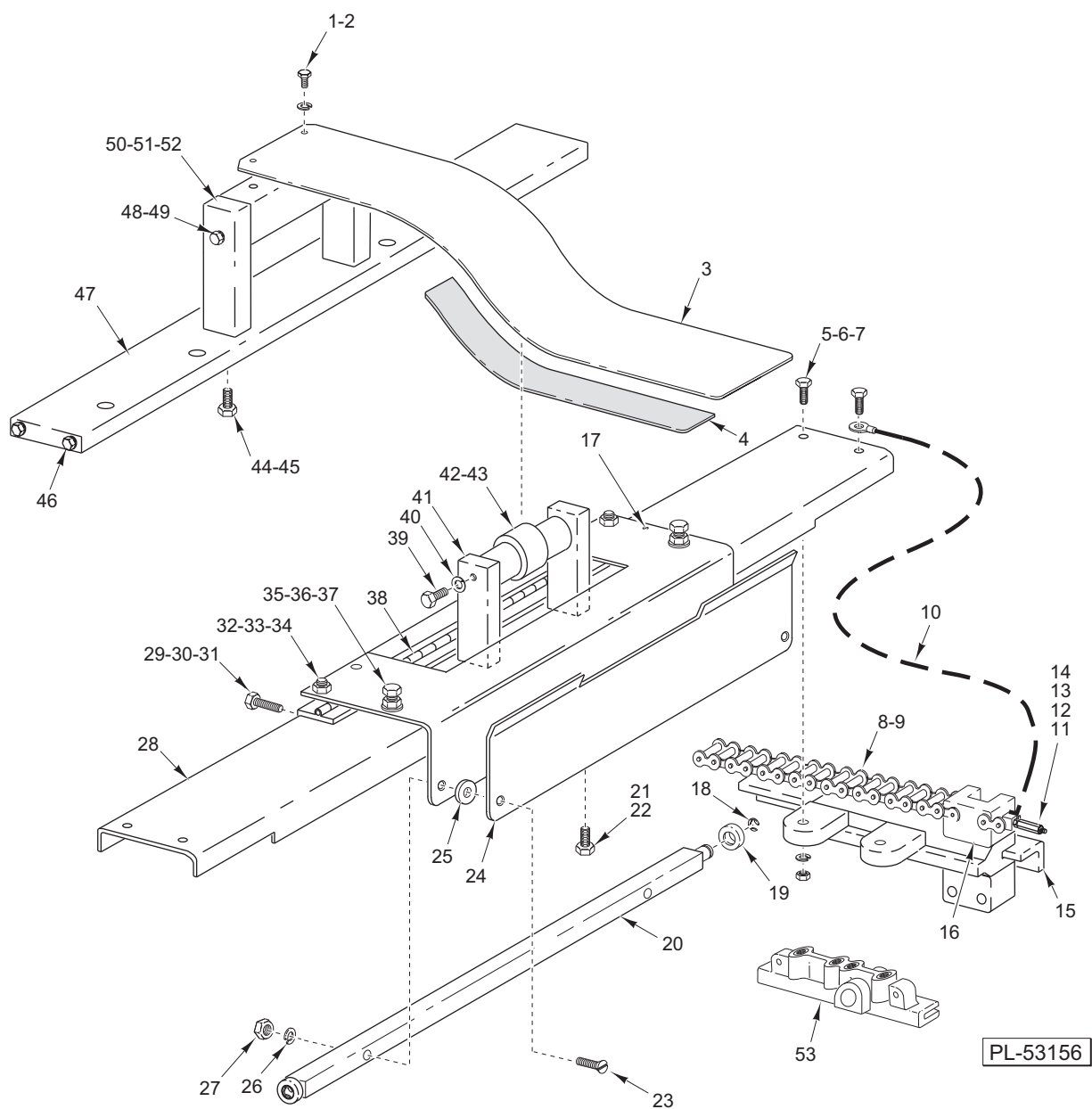


SIDE CLAMP

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-53155			
1	SC-118-19	Cap Screw 1/4 -20 x 3/4 Hex Hd.	2
2	WL-003-38	Lockwasher 1/4 Medium	2
3	00-043445	Clamp – Upper (Incls. Item 4)	1
4	00-043440	Pad – Upper Clamp	1
5	SC-014-92	Mach. Screw 10-32 x 1/2 Flat Hd.	2
6	00-043446	Plate – Lower Assy. (Incls. Item 7)	1
7	00-043441	Pad – Lower	1
8	00-441582	Bracket – Spring Mounting	1
9	00-175798	Spring – Package Width	1
10	00-175940	Plate – Clamp Pivot (RH)	1
11	SC-047-72	Set Screw 1/4 -20 x 3/8 Hex Hdls., Cup Pt.	1
12	00-441581	Stop – Linkage	2
13	00-175945	Shaft – Pivot Tenon	1
14	00-183429	Block (LH)	1
15	SC-113-37	Mach. Screw 6-32 x 5/8 Phil. Pan Hd.	2
16	WS-023-15	Washer	2
17	WL-003-09	Lockwasher #6 Medium	2
18	SC-120-37	Mach. Screw 6-32 x 3/8 Hex Socket Hd.	2
19	WL-003-09	Lockwasher #6 Medium	2
20	WS-023-15	Washer	2
21	NS-013-08	Nut 1/4 -28 (LH Thread)	1

SIDE CLAMP (CONT.)

ILLUS. PL-53155	PART NO.	NAME OF PART	AMT.
22	00-330070	Block – Take Up.....	1
23	NS-013-07	Nut 1/4-28 Hex (RH Thread).....	1
24	00-175944	Pin – Threaded Solenoid.....	1
25	00-443632	Pin – Cotter.....	1
26	00-048291	Solenoid Assy. (Side Clamp) (Incls. Items 27, 30, 33, & 34).....	1
27	00-047339	Solenoid – Side Clamp (22 V.).....	1
28	SC-118-20	Cap Screw 1/4-20 x 1/2 Hex Hd.....	2
29	WL-003-38	Lockwasher 1/4 Medium.....	2
30	00-334724	Tubing Vinyl Extruded.....	1
31	SC-118-07	Cap Screw 3/8-16 x 2 Hex Hd.....	2
32	WL-004-06	Lockwasher 3/8 Medium.....	2
33	FE-026-36	Strain Relief – Electrical.....	1
34	FE-006-07	Lock Nut 1/2 (Electrical).....	1
35	SC-116-83	Cap Screw 3/8-16 x 1 1/2 Hex Hd.....	2
36	WL-004-06	Lockwasher 3/8 Medium.....	2
37	00-130312	Spacer.....	2
38	SC-118-08	Cap Screw 3/8-16 x 1 3/4 Hex Hd.....	1
39	WS-018-22	Washer.....	1
40	WL-004-06	Lockwasher 3/8 Medium.....	1
41	00-333277	Base Clamp Assy (RH).....	1
42	00-183833	Base Clamp Assy (LH).....	1
43	00-333427	Side Clamp Link Assy. (Incls. Items 44, 45, 47, 48, & 67) (Vertical).....	1
44	00-334056	Rod – Female End LH Thread (With Grease Fitting).....	1
45	00-334055	Rod – Female End RH Thread (With Grease Fitting).....	1
46	00-175947	Link – Cross (Horizontal) (Incls. Items 44, 45, 47, & 48).....	1
47	NS-013-27	Nut 3/8-24 Hex (RH Thread).....	1
48	NS-013-28	Nut 3/8-24 Hex (LH Thread).....	1
49	NS-013-25	Nut 3/8-16 Hex.....	2
50	WS-018-22	Washer.....	2
51	00-175677	Shaft – Film Clamps.....	2
52	00-175678	Spacer – Pivot Side Clamp.....	4
53	00-175701	Bar – Pivot Side Clamp.....	1
54	SC-047-72	Set Screw 1/4-20 x 3/8 Hex Hdls., Cup Pt.....	4
55	SC-116-83	Cap Screw 3/8-16 x 1 1/2 Hex Hd.....	3
56	WS-018-22	Washer.....	3
57	NS-013-25	Nut 3/8-16 Hex.....	3
58	WL-004-06	Lockwasher 3/8 Medium.....	3
59	00-255502	Tie – Cable Locking.....	1
60	SC-118-10	Cap Screw 3/8-16 x 1 Hex Hd.....	4
61	WL-004-06	Lockwasher 3/8 Medium.....	4
62	SC-118-20	Cap Screw 1/4-20 x 1/2 Hex Hd.....	2
63	00-042763	Shield & Bracket Assy.....	1
64	00-049682	Panel (LH).....	1
65	00-049683	Stop – Package.....	1
66	NS-038-08	Lock Nut 1/4-20 x 1 Hex.....	8
67	SC-124-34	Bolt 1/4-20 x 1/2 Sq. Neck, Rd. Hd.....	8
68	00-049681	Panel (RH).....	1
69	00-044779	Arm – Side Clamp.....	1
70	SC-120-37	Mach. Screw 6-32 x 3/8 Hex Socket Hd.....	2
71	WL-003-09	Lockwasher #6 Medium.....	2
72	00-183399	Bushing – Nyliner.....	2
73	00-175945	Shaft – Pivot Tenon.....	1
74	SC-120-37	Mach. Screw 6-32 x 3/8 Hex Socket Hd.....	2
75	WL-003-09	Lockwasher #6 Medium.....	2
76	RR-010-06	Retaining Ring.....	2
77	00-175560	Bushing – Nyliner.....	2
78	00-175945	Shaft – Pivot Tenon.....	1
79	00-044665	Plate – Side Clamp Pivot.....	2
80	00-175939	Link – Scissors.....	1
81	RR-010-06	Retaining Ring.....	2
82	00-175945	Shaft – Pivot Tenon.....	1
83	00-175560	Bushing – Nyliner.....	2
84	00-175941	Plate – Clamp Pivot (LH).....	1
85	00-175942	Shaft – Pivot Clamp.....	1
86	00-183399	Bushing – Nyliner.....	2
87	00-333428	Link – Lever Clamp.....	1

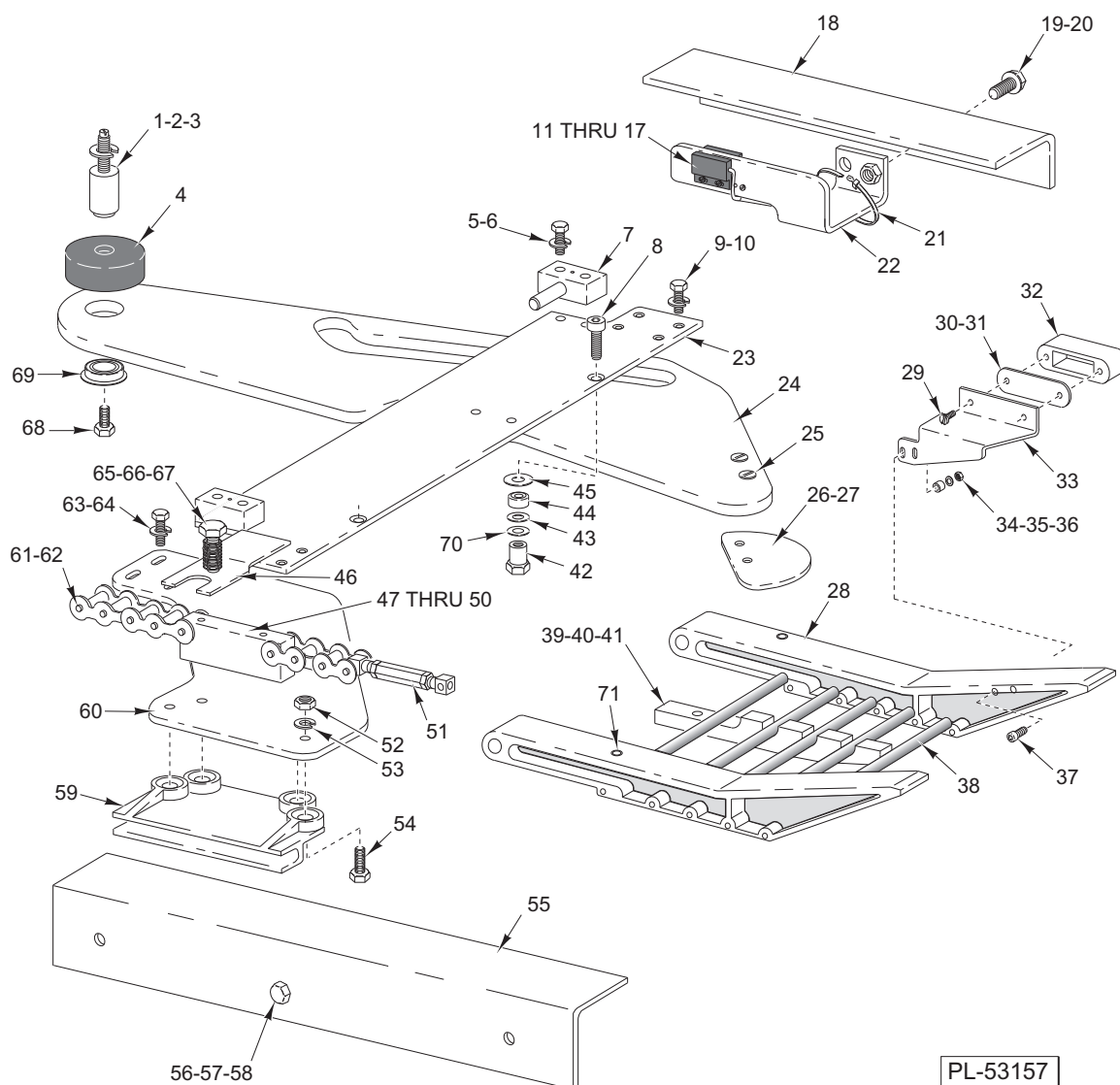


PL-53156

UPPER PUSHER

UPPER PUSHER

ILLUS. PL-53156	PART NO.	NAME OF PART	AMT.
1	SC-118-20	Cap Screw 1/4-20 x 1/2 Hex Hd.	2
2	WL-003-38	Lockwasher 1/4 Medium.....	2
3	00-043871	Package Holddown.....	1
4	00-043455	Pad – Holddown	2
5	SC-118-17	Cap Screw 1/4-20 x 1 1/4 Hex Hd.....	2
6	WL-003-38	Lockwasher 1/4 Medium.....	2
7	NS-013-02	Nut 1/4-20 Hex.....	2
8	00-046696	Chain – Gripper (30" Section) (Incls. Item 9).....	1
9	00-044784	Link – Connecting #40	5
10	00-183458	Ground Wire Assy.	1
11	00-330069	Chain Take-Up Assy.....	1
12	WL-013-14	Lockwasher 1/4 Internal Shakeproof	1
13	00-044785	Link – Offset #40.....	1
14	00-046698	Chain – Gripper (Incls. Item 9).....	1
15	00-175683	Rail – Film Support	1
16	00-175899	Slide – Pusher	2
17	00-032973	Plate – Pusher	1
18	RR-004-03	Retaining Ring	2
19	00-333376	Roller – Deflector	2
20	00-175903	Bar – Pusher Lift	1
21	SC-118-20	Cap Screw 1/4-20 x 1/2 Hex Hd.	2
22	WL-003-38	Lockwasher 1/4 Medium.....	2
23	SC-022-80	Mach. Screw 10-24 x 1 1/4 Slotted Flat Hd. (SST).....	2
24	00-441733	Bracket – Pusher	1
25	00-441681	Spacer – Pusher	2
26	WL-006-07	Lockwasher 10 Medium.....	2
27	NS-011-18	Nut 10-24 Hex (SST)	2
28	00-047420	Channel – Pusher	1
29	SC-116-32	Cap Screw 10-32 x 3/8 Hex Hd. (SST).....	5
30	WL-006-07	Lockwasher #10 Medium.....	5
31	NS-011-23	Nut 10-32 Hex (SST)	5
32	NS-011-23	Nut 10-32 Hex (SST)	4
33	SC-116-32	Cap Screw 10-32 x 3/8 Hex Hd. (SST).....	4
34	WL-006-07	Lockwasher #10 Medium.....	4
35	SC-041-01	Cap Screw 1/4-20 x 3/4 Hex Hd.....	2
36	WL-006-17	Lockwasher 1/4 Medium.....	2
37	NS-015-01	Nut 1/4-20 Hex (SST).....	4
38	00-175901	Hinge – Pusher	1
39	SC-118-15	Cap Screw 1/4-20 x 1 3/4 Hex Hd.	2
40	WL-003-38	Lockwasher 1/4 Medium.....	2
41	00-175905	Block – Roller Mounting.....	2
42	00-442039	Roller – Holddown	1
43	00-442040	Spacer – Roller	1
44	SC-062-21	Cap Screw 5/16-18 x 1 1/4 Hex Hd.	2
45	WL-003-47	Lockwasher 5/16 Medium.....	2
46	SC-123-94	Cap Screw 3/8-16 x 3/4 Hex Washer Hd.....	4
47	00-032931	Bar – Underfolder	1
48	SC-117-91	Cap Screw 1/4-20 x 1 Hex Hd.	2
49	WL-003-38	Lockwasher 1/4 Medium.....	2
50	00-175910	Support – Holddown Pivot	2
51	00-175909	Pivot – Holddown.....	1
52	00-175911	Block – Holddown Pivot	1
53	00-440591	Block – Gripper Slide	2
	00-046690	Gripper – Chain Assy. (RH) (Incls. Items 8, 9, 10, 11, 12, 14, 16, & 53).....	1
	00-046689	Gripper – Chain Assy. (LH) (Incls. Items 8, 9, 11, 14, 16, & 53)	1

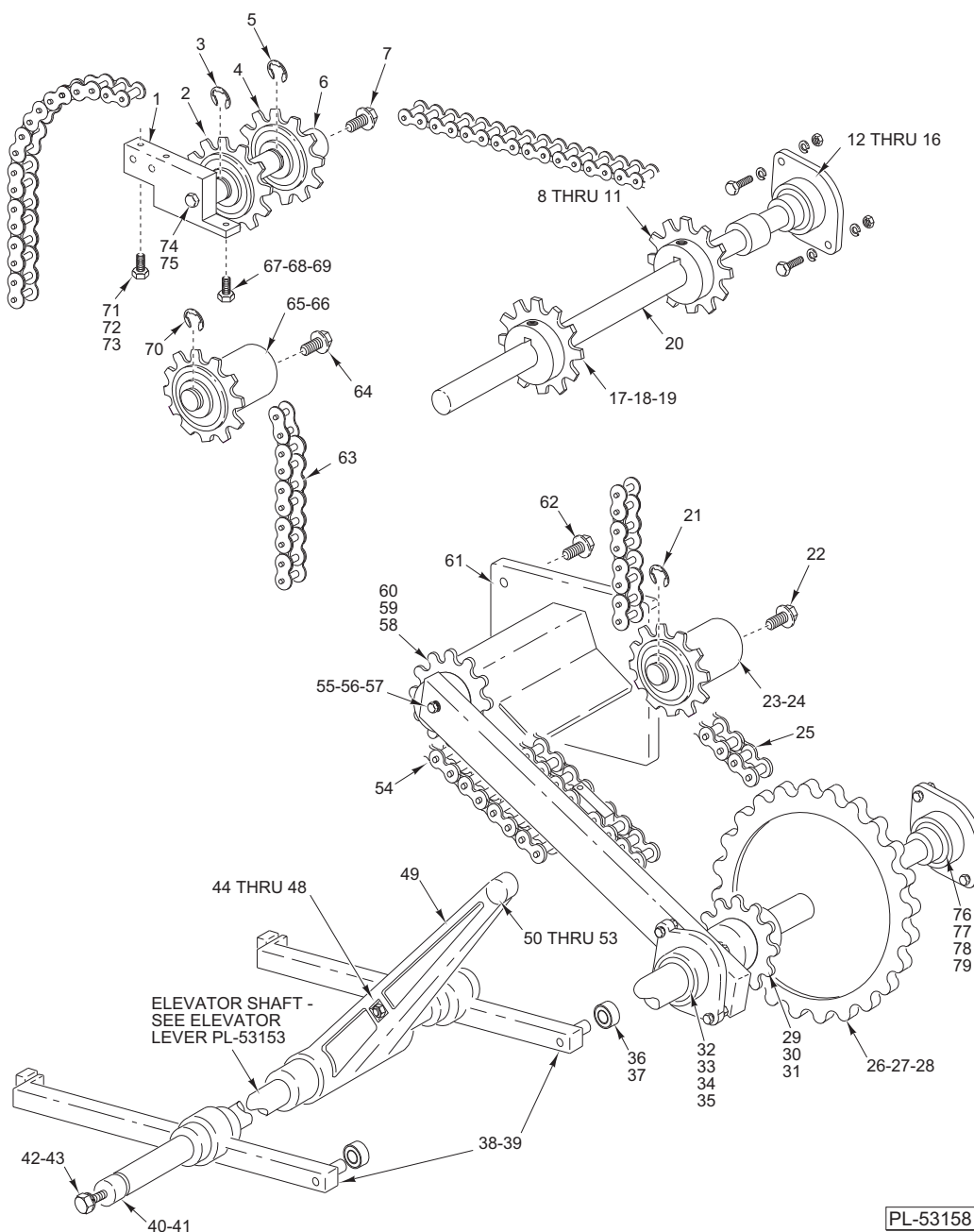


UNDERFOLDER

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-53157			
1	00-044879	Stud – Underfolder Side	2
2	WL-006-28	Lockwasher $\frac{3}{8}$ Medium.....	2
3	NS-015-14	Nut $\frac{3}{8}$ -24 Hex.....	2
4	00-184560	Bearing	2
5	SC-110-31	Mach. Screw 10-24 x $\frac{3}{4}$ Hex Hd.....	4
6	WL-006-07	Lockwasher #10 Medium.....	4
7	00-175960	Underfolder Pivot Block Assy.....	2
8	SC-118-13	Cap Screw $\frac{1}{4}$ -28 x $\frac{3}{4}$ Flat Hd.	2
9	SC-110-12	Cap Screw $\frac{1}{4}$ -20 x $\frac{5}{8}$ Hex Hd.....	6
10	WL-003-38	Lockwasher $\frac{1}{4}$ Medium.....	6
11	00-183396	Plate – Screw Switch.....	1
12	SC-018-51	Mach. Screw 4-40 x $\frac{5}{8}$ Pan Hd.....	3

UNDERFOLDER (CONT.)

ILLUS. PL-53157	PART NO.	NAME OF PART	AMT.
13	WL-008-45	Lockwasher #4 Internal Shakeproof	3
14	NS-009-45	Nut 4-40 Hex	4
15	WS-029-24	Washer	6
16	00-175998	Sensor	2
17	00-046954	Cable Assy. – Output Switch (Incls. Item 16)	1
18	00-175683	Rail – Film Support	1
19	SC-123-92	Mach. Screw 1/4-20 x 5/8 Hex Washer Hd.	2
20	NS-038-04	Lock Nut 1/4 -20 Hex	2
21	00-255502	Tie – Cable Locking	1
22	00-048072	Bracket – Switch	1
23	00-175964	Bar – Underfolder	1
24	00-047479	Underfold – Side	2
25	SC-129-16	Mach. Screw 10-24 x 5/16 Phil. Flat Hd. (SST)	4
26	00-043419	Extension – Underfolder Right	1
27	00-043418	Extension – Underfolder Left	1
28	00-442349	Ramp – Pusher (Ramps Must Be Installed In Pairs)	2
29	SD-029-03	Self-Tapping Screw 8-32 x 3/8 Phil. Pan Hd., Type F	2
30	00-119300	Gasket – Magnet Retainer	1
31	00-119057	Magnet	1
32	00-288454-00002	Retainer – Magnet	1
33	00-048073	Bracket – Magnet	1
34	NS-048-19	Nut Assy. 10-32 KEPS	2
35	WS-029-79	Washer	2
36	00-183548	Spacer – Solenoid Link	2
37	SC-059-17	Cap Screw 10-32 x 3/4 Hex Socket Hd.	2
38	00-175966	Roller – Underfolder	5
39	00-441797	Block – Deflector	1
40	SC-059-28	Cap Screw 1/4-20 x 3/8 Hex Socket Hd.	2
41	WL-008-17	Lockwasher 1/4 Internal	2
42	00-043825	Stud – Underfolder	2
43	00-330154	Washer – Slide (0.062) (Bottom Side Underfolder)	2
44	00-127559	Bearing	2
45	00-043849	Washer – Slide (0.031) (Top Side Underfolder)	2
46	00-183831	Clip – Spring	2
47	00-175970	Block – Chain Underfolder	2
48	SC-118-19	Cap Screw 1/4-20 x 3/4 Hex Hd.	2
49	WL-003-38	Lockwasher 1/4 Medium	2
50	WS-017-25	Washer	4
51	00-330069	Chain Take-Up Assy.	2
52	NS-013-02	Nut 1/4 -20 Hex	2
53	WL-003-38	Lockwasher 1/4 Medium	2
54	SC-022-35	Mach. Screw 1/4-20 x 1 Flat Hd.	2
55	00-175683	Rail – Film Support	5
56	NS-013-02	Nut 1/4 -20 Hex	6
57	WL-003-38	Lockwasher 1/4 Medium	6
58	SC-118-19	Cap Screw 1/4-20 x 3/4 Hex Hd.	6
59	00-175962	Slide – Underfolder	2
60	00-175963	Plate – Underfolder	2
61	00-046692	Chain Assy. – Underfolder	2
62	00-044784	Link – Connecting (#40 W/WP Finish)	4
63	SC-110-12	Cap Screw 1/4-20 x 5/8 Hex Hd.	2
64	WL-003-38	Lockwasher 1/4 Medium	2
65	00-183830	Stud – Spring Clip	2
66	00-333492	Spring – Belt Sealer	2
67	WL-003-38	Lockwasher 1/4 Medium	2
68	SC-110-12	Cap Screw 1/4-20 x 5/8 Hex Hd.	2
69	00-086789	Bearing – Flanged	2
70	WS-018-34	Washer – Shim (0.010 Thk.)	AR
71	SC-122-80	Set Screw 1/4-20 x 1/2 Hex Hdls., Cup Pt.	2
	00-183934-00003	Tube – Plastic Shrinkable 3/32 x 4 Ft. (Cut to Length)	AR
	00-183934-00006	Tube – Plastic Shrinkable 1/4 x 4 Ft.(Cut to Length)	AR

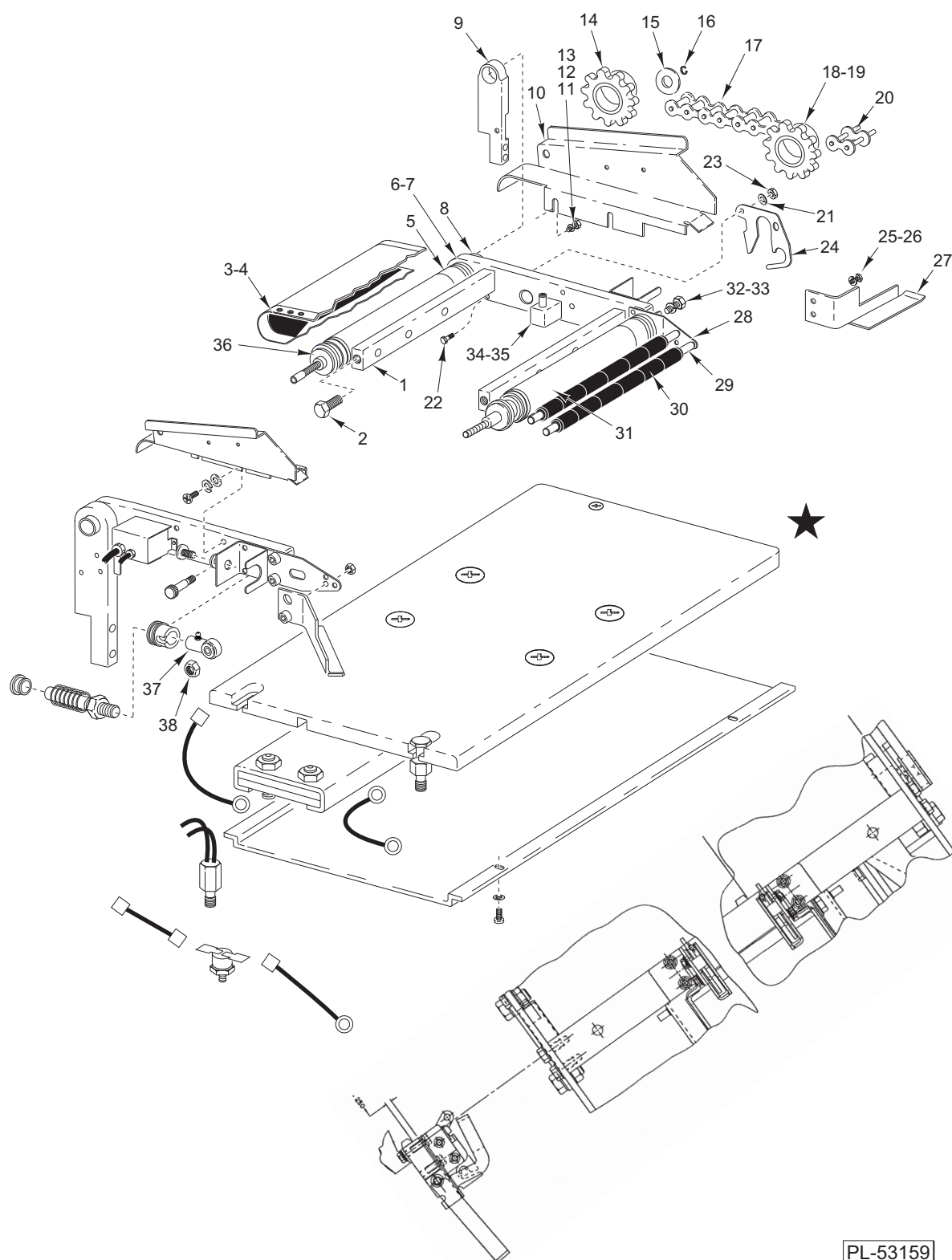


CHAIN AND SPROCKETS

ILLUS. PL-53158	PART NO.	NAME OF PART	AMT.
1	00-044162	Block – Idler Support	2
2	00-047830	Sprocket – Idler (17T)	4
3	RR-008-13	Retaining Ring	3
4	00-047830	Sprocket – Idler (17T)	4
5	RR-008-13	Retaining Ring	3
6	00-047819	Stud – Idler (Film Retaining)	2
7	SC-123-94	Cap Screw $\frac{3}{8}$ -16 x $\frac{3}{4}$ Hex Washer Hd.	4
8	00-047823	Spacer – Sprocket	2
9	KW-003-10	Key – 606 Woodruff $\frac{3}{16}$ x $\frac{3}{4}$	2
10	SC-047-32	Set Screw $\frac{5}{16}$ -18 x $\frac{5}{16}$ Hex Hdls., Cup Pt.	2
11	00-175694	Sprocket #40 (17T)	2
12	00-086776	Flange – Stamping	4
13	00-175997	Bearing – Ball	2

CHAIN AND SPROCKETS (CONT.)

ILLUS. PL-53158	PART NO.	NAME OF PART	AMT.
14	SC-120-38	Cap Screw $\frac{5}{16}$ -18 x 1 Hex Hd.	4
15	WL-003-47	Lockwasher $\frac{5}{16}$ Medium	4
16	NS-013-14	Nut $\frac{5}{16}$ -18 Hex	4
17	00-047817	Idler – Sprocket Underfolder (17T)	2
18	SC-047-32	Set Screw $\frac{5}{16}$ -18 x $\frac{5}{16}$ Hex Hdls., Cup Pt.	2
19	00-131691	Collar	2
20	00-047827	Shaft – Gripper Drive	1
21	RR-008-13	Retaining Ring	1
22	SC-123-94	Cap Screw $\frac{3}{8}$ -16 x $\frac{3}{4}$ Hex Washer Hd.	6
23	00-047815	Stud – Chain Idler Mounting	4
24	00-047818	Sprocket – Idler (15T)	2
25	00-046692	Chain Assy. – Underfolder	2
26	00-175881	Sprocket – Underfolder	2
27	SC-075-15	Set Screw $\frac{5}{16}$ -18 x $\frac{3}{8}$ Hex Hdls., Cup Pt.	2
28	KW-003-17	Key – Woodruff $\frac{1}{4}$ x $1\frac{1}{4}$	1
29	00-175955	Sprocket – Underfolder	1
30	KW-003-17	Key – Woodruff $\frac{1}{4}$ x $1\frac{1}{4}$	3
31	SC-047-72	Set Screw $\frac{1}{4}$ -20 x $\frac{3}{8}$ Hex Hdls., Cup Pt.	2
32	00-175994	Bearing – Ball	3
33	SC-117-92	Cap Screw $\frac{5}{16}$ -18 x $\frac{3}{4}$ Hex Hd.	4
34	WL-003-47	Lockwasher $\frac{5}{16}$ Medium	4
35	NS-013-14	Nut $\frac{5}{16}$ -18 Hex	4
36	00-086782	Bearing – Ball	2
37	RR-010-17	Retaining Ring	2
38	00-175820	Lever Assy.	2
39	00-330139	Stud – Cam Bearing	2
40	SC-075-15	Set Screw $\frac{5}{16}$ -18 x $\frac{3}{8}$ Hex Hdls., Cup Pt.	2
41	00-131841	Collar $1\frac{5}{8}$ Dia.	2
42	WL-004-06	Lockwasher $\frac{3}{8}$ Medium	2
43	SC-118-11	Cap Screw $\frac{3}{8}$ -16 x $\frac{7}{8}$ Hex Hd.	2
44	00-175954	Stud – Bearing	1
45	00-086782	Bearing – Ball	1
46	WL-004-11	Lockwasher $\frac{1}{2}$ Medium	1
47	NS-013-36	Nut $\frac{1}{2}$ -20 Hex	1
48	RR-010-17	Retaining Ring	2
49	00-175950	Underfolder Lever Assy. (Incls. Items 44 thru 48)	1
50	00-183703	Spacer – Underfolder Lever	1
51	SC-116-83	Cap Screw $\frac{3}{8}$ -16 x $1\frac{1}{2}$ Hex Hd.	1
52	WL-004-06	Lockwasher $\frac{3}{8}$ Medium	1
53	WS-018-24	Washer	1
54	00-046691	Underfolder Drive Chain Assy.	1
55	00-175956	Support – Chain	1
56	SC-117-92	Cap Screw $\frac{5}{16}$ -18 x $\frac{3}{4}$ Hex Hd.	1
57	WL-003-47	Lockwasher $\frac{5}{16}$ Medium	1
58	00-334481	Sprocket (21T)	1
59	00-086780	Bearing – Ball (S5KDD) Fafnir	2
60	RR-008-14	Retaining Ring	2
61	00-175679	Plate & Stud Assy	1
62	SC-123-94	Cap Screw $\frac{3}{8}$ -16 x $\frac{3}{4}$ Hex Washer Hd.	4
63	00-046692	Chain Assy. – Underfolder	1
64	SC-123-94	Cap Screw $\frac{3}{8}$ -16 x $\frac{3}{4}$ Hex Washer Hd.	1
65	00-047818	Sprocket – Idler (15T)	2
66	00-047815	Stud – Chain Idler Mounting	2
67	WL-008-17	Lockwasher $\frac{1}{4}$ Internal	2
68	SC-118-19	Cap Screw $\frac{1}{4}$ -20 x $\frac{3}{4}$ Hex Hd.	2
69	NS-017-03	Jam Nut $\frac{1}{4}$ -20 Hex	2
70	RR-008-13	Retaining Ring	2
71	WL-008-17	Lockwasher $\frac{1}{4}$ Internal	2
72	SC-117-91	Cap Screw $\frac{1}{4}$ -20 x 1 Hex Hd.	2
73	NS-017-03	Jam Nut $\frac{1}{4}$ -20 Hex	2
74	SC-120-38	Cap Screw $\frac{5}{16}$ -18 x 1 Hex Hd.	2
75	WL-003-47	Lockwasher $\frac{5}{16}$ Medium	2
76	00-175994	Bearing – Ball	3
77	SC-117-92	Cap Screw $\frac{5}{16}$ -18 x $\frac{3}{4}$ Hex Hd.	4
78	WL-003-47	Lockwasher $\frac{5}{16}$ Medium	4
79	NS-013-14	Nut $\frac{5}{16}$ -18 Hex	4



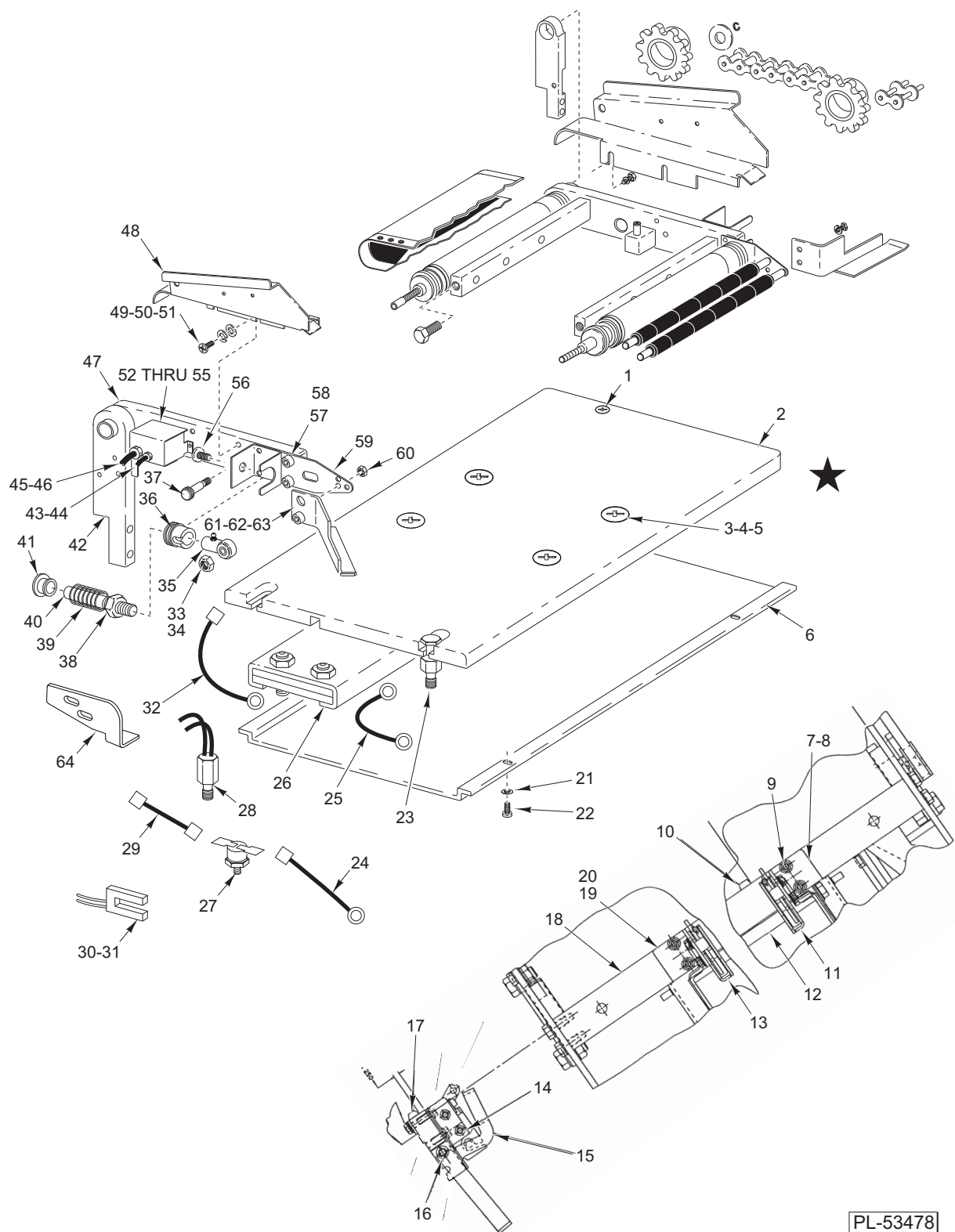
PL-53159

BELT SEALER UNIT

BELT SEALER UNIT

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-53159			
1	00-048218	Spacer – Hotplate	2
2	SC-061-04	Cap Screw $\frac{5}{16}$ -18 x 1 Socket Flat Hd.	5
3	00-048234	Belt – Sealer	1
4	00-048674	Pin – Belt	1
5	00-048219	Roller & Shaft Assy.	1
6	00-440179	Frame & Hub Assy. (LH)	1
7	00-048215	Bearing – Trust	1
8	00-184738	Bearing – Thrust	2
9	00-048698	Support Assy. – Sealer	1
10	00-440426	Cover – Hotplate (LH)	1
11	SC-018-22	Mach. Screw 10-24 x $\frac{1}{2}$ Phil. Pan Hd.	2
12	WL-006-07	Lockwasher #10 Medium	2
13	WS-023-20	Washer	2
14	00-175523	Clutch & Sprocket Assy.	1
15	00-184738	Bearing – Thrust	2
16	RR-004-05	Retaining Ring	1
17	00-440477	Chain Assy. – Hotplate Drive (Incls. Item 20)	1
18	00-440476	Sprocket – #35 (18T)	1
19	KW-003-10	Key – 606 Woodruff $\frac{3}{16}$ x $\frac{3}{4}$	1
20	00-087165	Link – Chain Connector	1
21	00-048076	Bushing – Sealer Pivot	1
22	SC-110-39	Mach. Screw 10-24 x $\frac{7}{8}$ Hex Hd.	1
23	NS-047-70	Lock Nut 10-24 Hex	1
24	00-048070	Support – Sealer	1
25	SC-059-29	Cap Screw $\frac{1}{4}$ -20 x $\frac{1}{2}$ Hex Socket Hd.	4
26	WL-006-17	Lockwasher $\frac{1}{4}$ Medium	4
27	00-440500-00002	Brace – Sealer (LH)	1
28	00-440502	Bracket Assy. – Sealer (LH)	1
29	00-183674	Shaft – Discharge Roller	2
30	00-183675	Bearing – Nyliner	16
31	00-440314	Roller & Shaft Assy.	1
32	SC-090-37	Cap Screw $\frac{3}{8}$ -24 x 1 Hex Hd.	1
33	WL-004-06	Lockwasher $\frac{3}{8}$ Helical	1
34	00-048217	Block – Hot Plate Mounting	1
35	00-048232	Spacer – Hotplate	1
36	00-048215	Bearing – Thrust	2
37	00-334055	Rod – Female End (With Grease Fitting)	2
38	NS-017-20	Jam Nut $\frac{3}{8}$ -24 Hex	2
	00-440199	Kit – Roller Assy. (Incls. Items 31, 32, 33, 37, & 38)	2

★ See PL-53478 For Additional Parts



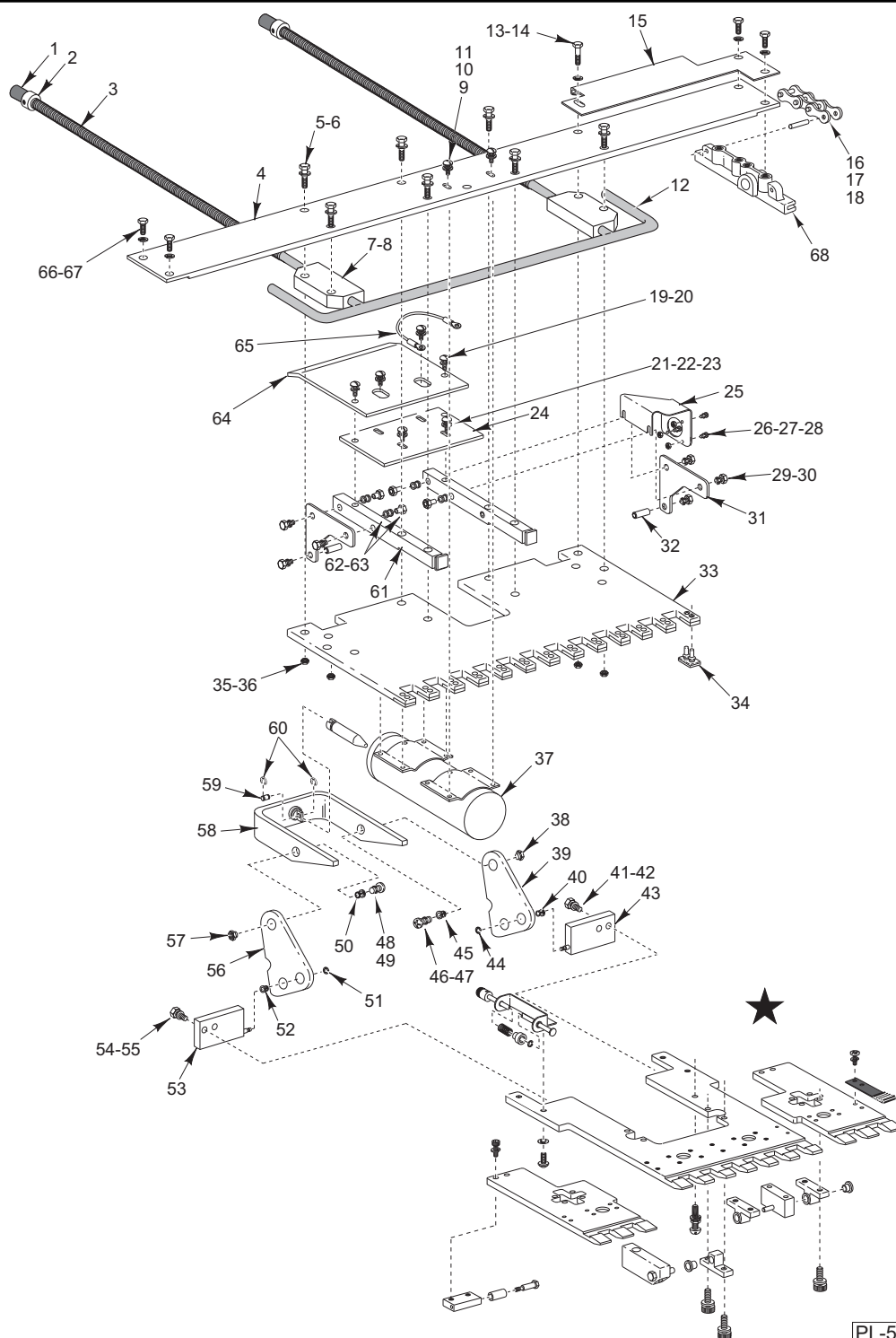
PL-53478

BELT SEALER

BELT SEALER

ILLUS. PL-53478	PART NO.	NAME OF PART	AMT.
1	SC-029-38	Mach. Screw $\frac{1}{4}$ -20 x 1 Flat Hd. (Brass).....	1
2	00-048216	Hotplate	1
3	SC-029-47	Mach. Screw $\frac{5}{16}$ -18 x 1 Flat Hd. (Brass).....	4
4	WL-003-47	Lockwasher $\frac{5}{16}$ Medium.....	4
5	NS-014-11	Nut $\frac{5}{16}$ -18 Hex (Brass).....	4
6	00-048222	Cover – Hotplate Bottom	1
7	00-048619	Shim – Latch.....	1
8	00-048052	Bracket – Latch Mounting (RH)	1
9	SC-123-92	Mach. Screw $\frac{1}{4}$ -20 x $\frac{5}{8}$ Hex Washer Hd.	8
10	00-334944	Bumper	1
11	00-048059	Latch – Sealer (RH)	1
12	00-048049	Lever Assy. – Sealer Latch	1
13	00-048060	Latch – Sealer (LH).....	1
14	SC-123-92	Mach. Screw $\frac{1}{4}$ -20 x $\frac{5}{8}$ Hex Washer Hd.	1
15	00-048049	Lever Assy. – Sealer Latch	1
16	00-175560	Bushing – Nyliner.....	2
17	00-334944	Bumper	1
18	00-047900	Bar – Rear Support.....	1
19	00-048051	Bracket – Latch Mounting (LH)	1
20	00-048619	Shim – Latch.....	1
21	WL-006-07	Lockwasher #10 Medium.....	4
22	SC-113-08	Mach. Screw 10-32 x $\frac{1}{2}$ Phil. Pan Hd.	4
23	00-175522	Stud – Spacer.....	2
24	00-046991	Wire Assy. – Overload/Element	1
25	00-183764	Jumper Wire Assy.	1
26	00-087017	Plate – Element	2
27	00-048514	Sensor – Thermal	1
28	00-046999	Harness – Thermistor	1
29	00-046990	Wire – Junction Box/Overload	1
30	00-046945	Switch – Vane	1
31	00-046953	Cable Assy. – Sealer Belt (Incls. Item 31).....	1
32	00-046992	Wire Assy. – Element/Junction Box	1
33	WL-004-06	Lockwasher $\frac{3}{8}$ Helical.....	1
34	NS-017-20	Jam Nut $\frac{3}{8}$ -24 Hex.....	2
35	00-334055	Rod – Female End (With Grease Fitting).....	2
36	00-048045	Bushing – Bearing (Rod End)	2
37	00-048079	Striker – Latch.....	2
38	NS-017-20	Jam Nut $\frac{3}{8}$ -24 Hex.....	2
39	00-333492	Spring – Belt Sealer.....	2
40	00-048065	Stud – Sealer (Rod End).....	2
41	00-041488	Bearing – Nyliner	2
42	00-048698	Support Assy. – Sealer.....	1
43	00-046998	Cable Assy. – Thermistor Sensor.....	1
44	FE-025-66	Strain Relief (Electrical)	1
45	00-046980	Cable Assy. – Heater Power Control.....	1
46	FE-017-41	Strain Relief (Electrical)	1
47	00-440178	Frame & Hub Assy. (RH).....	1
48	00-440427	Cover – Hotplate (RH)	1
49	SC-018-22	Mach. Screw 10-24 x $\frac{1}{2}$ Phil. Pan Hd.	2
50	WL-006-07	Lockwasher #10 Medium.....	2
51	WS-023-20	Washer.....	2
52	00-048088	Cover – Sealer Wiring Box	1
53	00-048097	Box – Sealer Wiring	1
54	WL-006-07	Lockwasher #10 Medium.....	1
55	SC-018-22	Mach. Screw 10-24 x $\frac{1}{2}$ Phil. Pan Hd.	1
56	SC-018-22	Mach. Screw 10-24 x $\frac{1}{2}$ Phil. Pan Hd.	2
57	WL-006-07	Lockwasher #10 Medium.....	4
58	SC-122-99	Cap Screw 10-24 x $\frac{1}{2}$ Hex Socket Hd.	4
59	00-440501	Bracket Assy. – Sealer (RH)	1
60	NS-015-01	Nut $\frac{1}{4}$ -20 Hex SST.....	2
61	00-440500-00001	Brace – Sealer (RH)	1
62	SC-122-99	Cap Screw 10-24 x $\frac{1}{2}$ Hex Socket Hd.	4
63	WL-006-07	Lockwasher #10 Medium.....	4
64	00-048271	Bracket Sealet – Sensor.....	1

★ See PL-53159 For Additional Parts



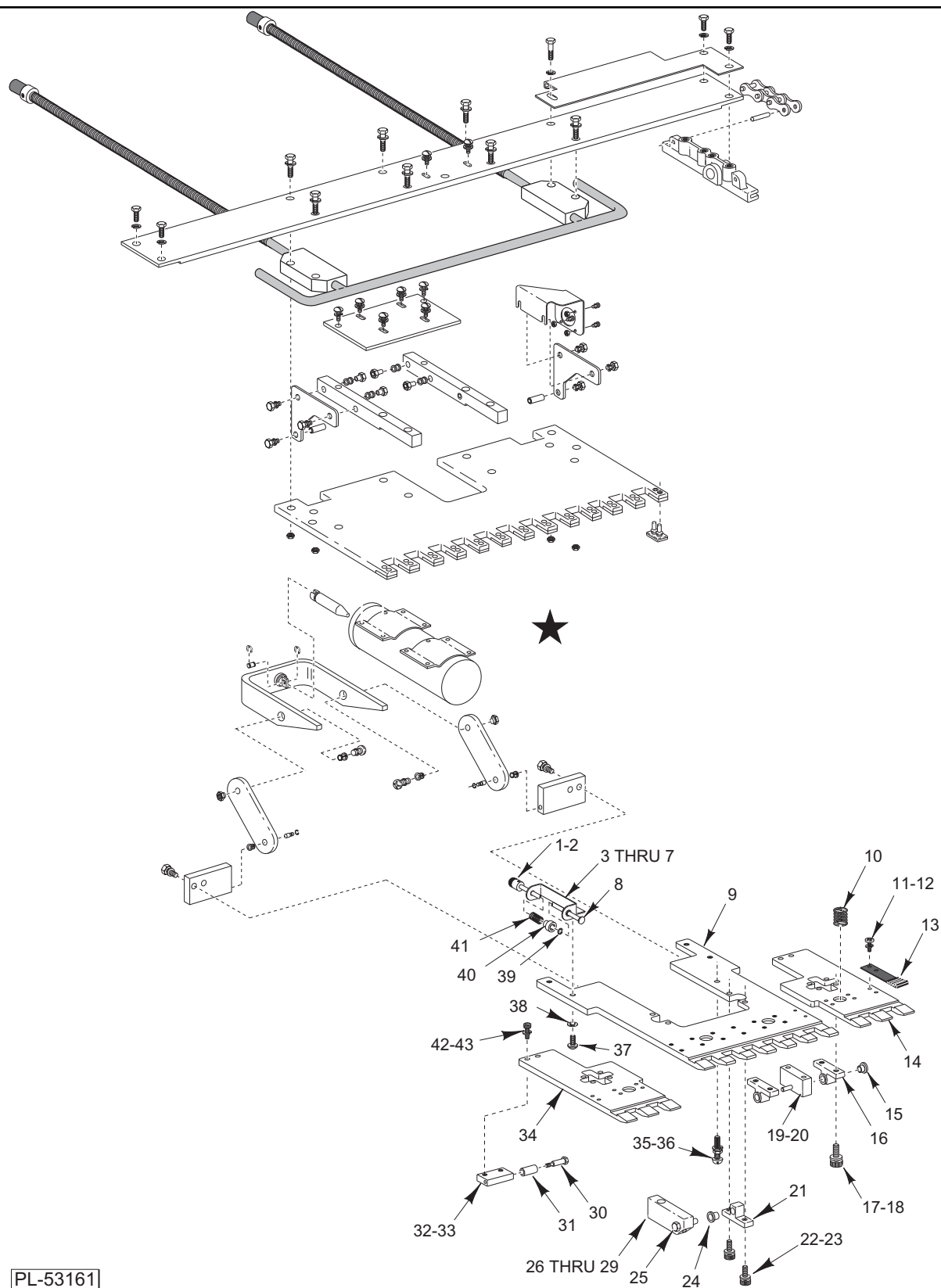
SPLIT GRIPPER UNIT

ILLUS. PL-53160	PART NO.	NAME OF PART	AMT.
1	00-049033	Bumper – Assy.....	2
2	SC-116-79	Set Screw 10-32 x 1/4 Hex Hdls., Cup Pt.....	2
3	00-047926	Spring – Film Unloader.....	2
4	00-042881	Bar – Gripper Support.....	1
5	SC-041-04	Cap Screw 1/4-20 x 1 3/4 Hex Hd. (SST).....	4

SPLIT GRIPPER UNIT (CONT.)

ILLUS. PL-53160	PART NO.	NAME OF PART	AMT.
6	WS-022-06	Washer.....	4
7	00-443501	Block – Film Rod.....	2
8	00-443502	Spacer – Film Rod Block.....	2
9	SC-018-23	Mach. Screw 8-32 x 5/8 Phil. Pan Hd.....	2
10	WL-013-08	Lockwasher #8 Internal Shakeproof.....	2
11	WS-023-22	Washer.....	2
12	00-047924	Unloader Assy. – Film.....	1
13	SC-041-07	Cap Screw 1/4-20 x 1 1/2 Hex Hd. (SST).....	4
14	WS-022-06	Washer.....	4
15	00-042982	Bracket – Cable.....	1
16	00-046689	Chain – Assy. – Gripper (LH).....	1
17	00-046690	Gripper – Chain Assy. (RH).....	1
18	00-183722	Wire – Ground.....	1
19	SC-018-22	Mach. Screw 10-24 x 1/2 Phil. Pan Hd.....	2
20	WL-004-40	Lockwasher #10 Medium.....	2
21	SC-093-04	Mach. Screw 8-32 x 1/2 Phil. Pan Hd. (SST).....	4
22	WL-013-08	Lockwasher #8 Internal Shakeproof.....	4
23	WS-023-22	Washer.....	4
24	00-183719	Plate – Solenoid Mounting.....	1
25	00-334763	Bracket – Gripper Plug.....	1
26	SC-113-10	Mach. Screw 4-40 x 3/8 Phil. Pan Hd.....	4
27	WL-008-45	Lockwasher #4 Internal Shakeproof.....	4
28	NS-009-02	Nut 4-40 Hex.....	4
29	SC-068-33	Mach. Screw 10-32 x 1/2 Hex Hd.....	6
30	WL-004-40	Lockwasher #10 Medium.....	6
31	00-334770	Plate – Gripper Support.....	2
32	00-332912	Spacer.....	2
33	00-049140	Plate – Gripper Upper.....	1
34	00-043452	Pad – Gripper (Gray) (Set of 13 Pads).....	1
35	NS-038-08	Lock Nut 1/4-20 x 1 Hex.....	4
36	WL-003-38	Lockwasher 1/4 Medium.....	4
37	00-048536	Gripper – Solenoid Assy.....	1
38	00-183710	Stud – Link.....	1
39	00-441452	Link – Gripper Solenoid.....	1
40	00-175560	Bushing – Nyliner.....	1
41	SC-089-70	Mach. Screw 10-32 x 5/8 Hex Hd. (SST).....	2
42	WL-004-40	Lockwasher #10 Medium.....	2
43	00-184124	Gripper – Block Assy. (LH).....	1
44	RR-006-22	Retaining Ring.....	1
45	00-175560	Bushing – Nyliner.....	1
46	SC-089-70	Mach. Screw 10-32 x 5/8 Hex Hd. (SST).....	1
47	WL-004-40	Lockwasher #10 Medium.....	1
48	SC-089-70	Mach. Screw 10-32 x 5/8 Hex Hd. (SST).....	1
49	WL-004-40	Lockwasher #10 Medium.....	1
50	00-175560	Bushing – Nyliner.....	1
51	RR-006-22	Retaining Ring.....	1
52	00-175560	Bushing – Nyliner.....	1
53	00-184123	Gripper – Block Assy. (RH).....	1
54	SC-089-70	Mach. Screw 10-32 x 5/8 Hex Hd. (SST).....	2
55	WL-004-40	Lockwasher #10 Medium.....	2
56	00-441452	Link – Gripper Solenoid.....	1
57	00-183710	Stud – Link.....	1
58	00-184845	Bracket – Gripper Solenoid.....	1
59	00-175936	Pin – Rod.....	1
60	RR-006-11	Retaining Ring.....	2
61	00-183718	Bar – Roller Support.....	2
62	00-183713	Stud – Roller.....	4
63	00-183714	Roller – Gripper.....	4
64	00-441763	Plate – Solenoid Cover.....	1
65	00-183722	Wire – Ground.....	1
66	SC-125-22	Mach. Screw 1/4-20 x 5/8 Truss Hd.....	4
67	WL-008-17	Lockwasher 1/4 Internal.....	4
68	00-440591	Block – Gripper Slide.....	2

★ See PL-53161 for additional parts.



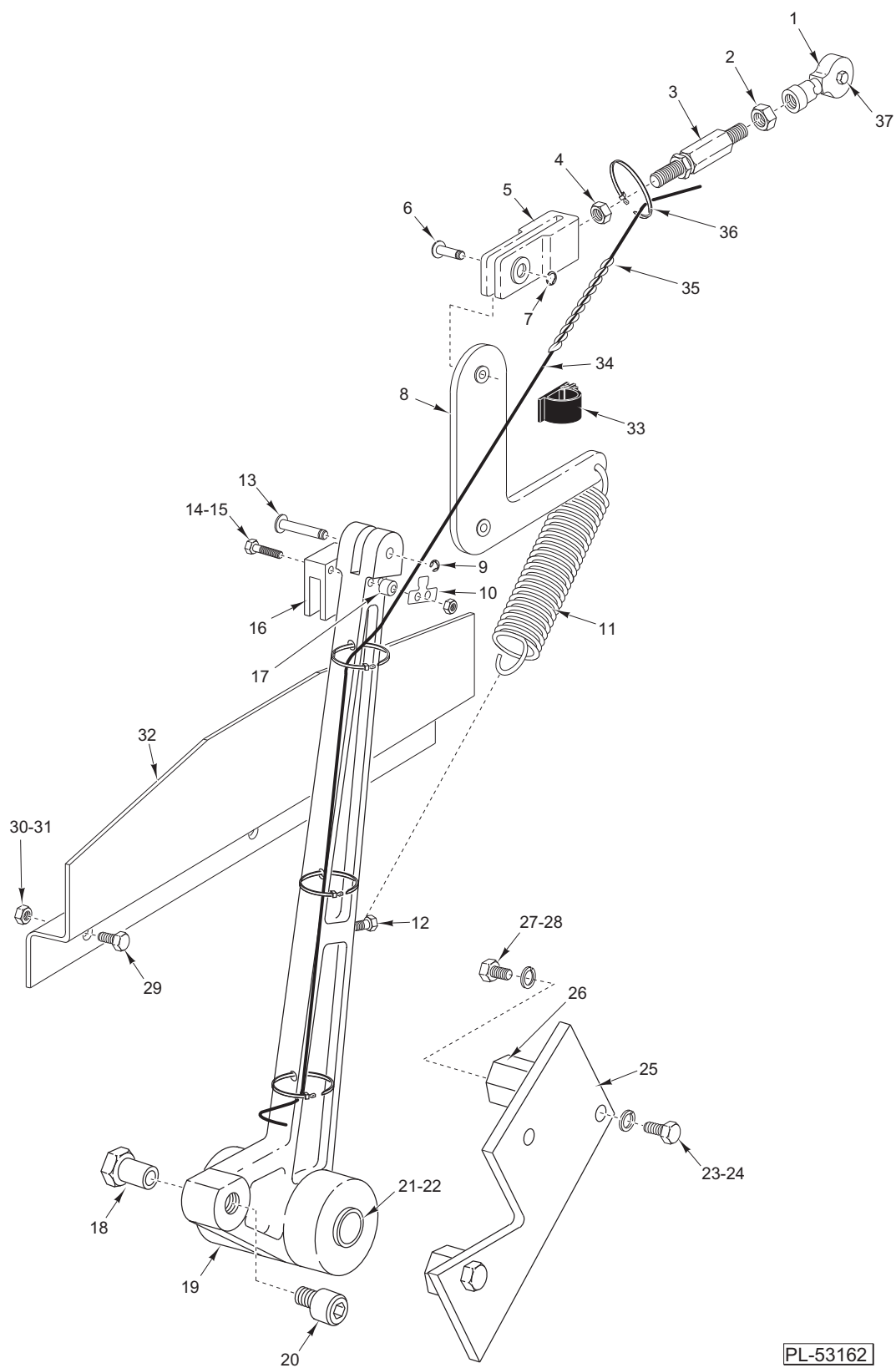
PL-53161

SPLIT GRIPPER UNIT

SPLIT GRIPPER UNIT

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-53161			
1	00-049033	Bumper – Assy.....	2
2	SC-116-79	Set Screw 10-32 x 1/4 Hex Hdls., Cup Pt.....	2
3	00-049129	Bracket – Plunger.....	2
4	00-175560	Bushing – Nyliner.....	4
5	00-044508-00001	Shim – Plastic (0.005").....	AR
6	00-044508-00002	Shim – Plastic (0.010").....	AR
7	00-044508-00003	Shim – Plastic (0.015").....	AR
8	00-049131	Shaft – Plunger.....	2
9	00-049136	Plate – Gripper (Lower Center).....	1
10	00-444985	Spring – Gripper Jaw.....	4
11	SC-120-35	Mach. Screw 8-32 x 3/8 Phil. Pan Hd. (SST).....	26
12	WL-006-02	Lockwasher #8 Helical.....	26
13	00-332404	Gripper Spring Assy.....	13
14	00-049137	Plate – Gripper Lower (LH).....	1
15	00-183765	Bearing – Nyliner.....	4
16	00-043890	Pivot – Gripper Plate.....	2
17	SC-089-70	Cap Screw 10-32 x 5/8 Hex Socket Hd.....	4
18	WL-004-40	Lockwasher #10 Medium.....	4
19	00-049152	Block Assy. – Gripper Pivot.....	2
20	SC-022-33	Mach. Screw 1/4-20 x 3/4 Flat Hd.....	4
21	00-043890	Pivot – Gripper Plate.....	2
22	SC-089-70	Cap Screw 10-32 x 5/8 Hex Socket Hd.....	4
23	WL-004-40	Lockwasher #10 Medium.....	4
24	00-183765	Bearing – Nyliner.....	2
25	00-175713	Stud – Hinge.....	2
26	00-334865	Spacer – Bottom Plate.....	2
27	00-044508-00001	Shim – Plastic (0.005").....	AR
28	00-044508-00002	Shim – Plastic (0.010").....	AR
29	00-044508-00003	Shim – Plastic (0.015").....	AR
30	00-049130	Screw – Roller.....	2
31	00-049133	Roller – Plunger.....	2
32	00-049134	Block – Roller Mounting.....	2
33	00-049142	Shim – Roller Block.....	AR
34	00-049138	Plate – Gripper Lower (RH).....	1
35	SC-009-91	Mach. Screw 1/4-20 x 1 1/4 Rd. Hd.....	1
36	NS-038-08	Lock Nut 1/4-20 x 1 Hex.....	1
37	SC-068-33	Mach. Screw 10-32 x 1/2 Hex Hd.....	4
38	WL-004-40	Lockwasher #10 Medium.....	4
39	RR-006-22	Retaining Ring.....	2
40	00-049135	Collar – Spring.....	2
41	00-049132	Spring Plunger.....	2
42	SC-089-70	Cap Screw 10-32 x 5/8 Hex Socket Hd.....	4
43	WL-004-40	Lockwasher #10 Medium.....	4

*See PL-53160 for Additional Parts.

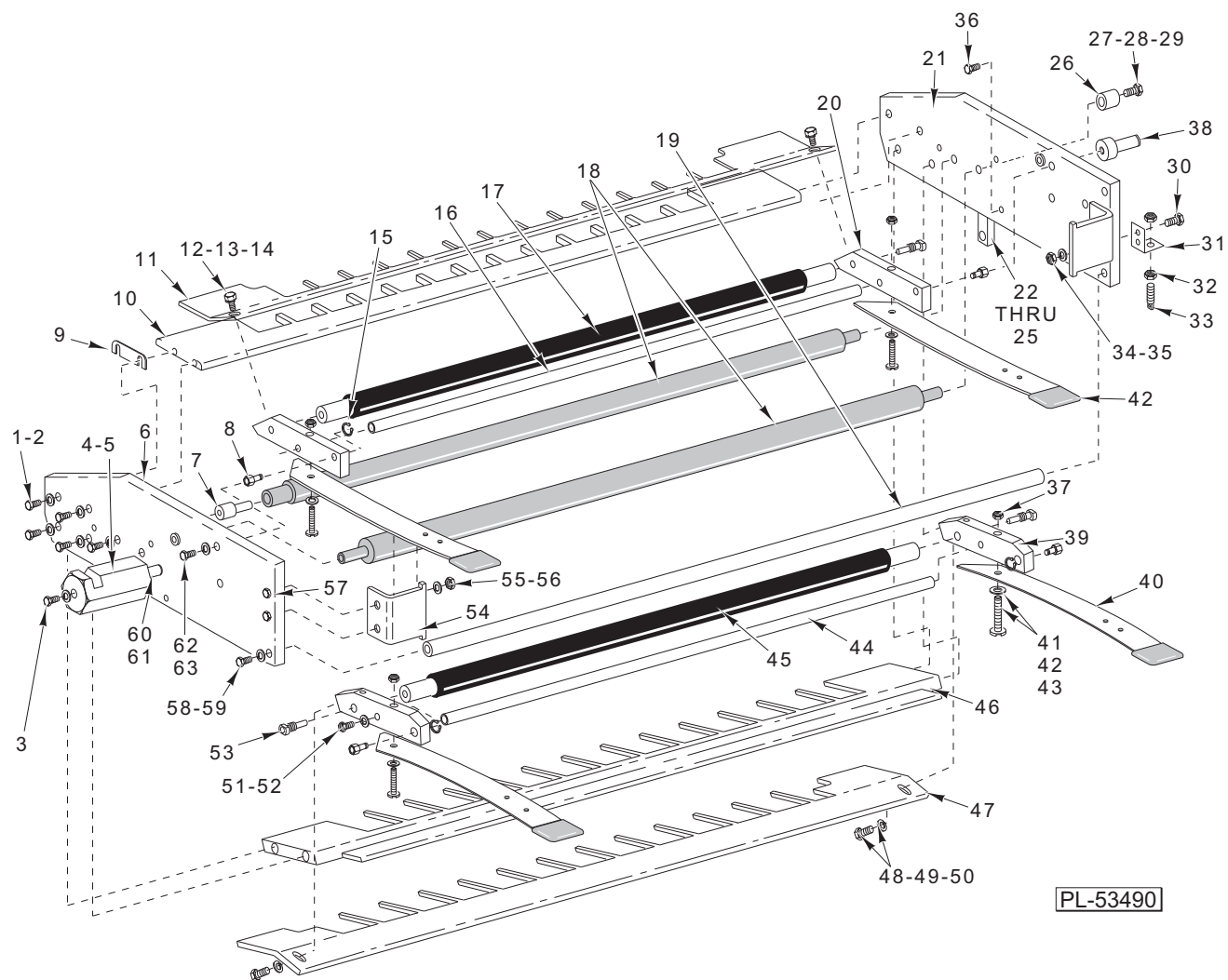


PL-53162

GRIPPER LEVER

GRIPPER LEVER

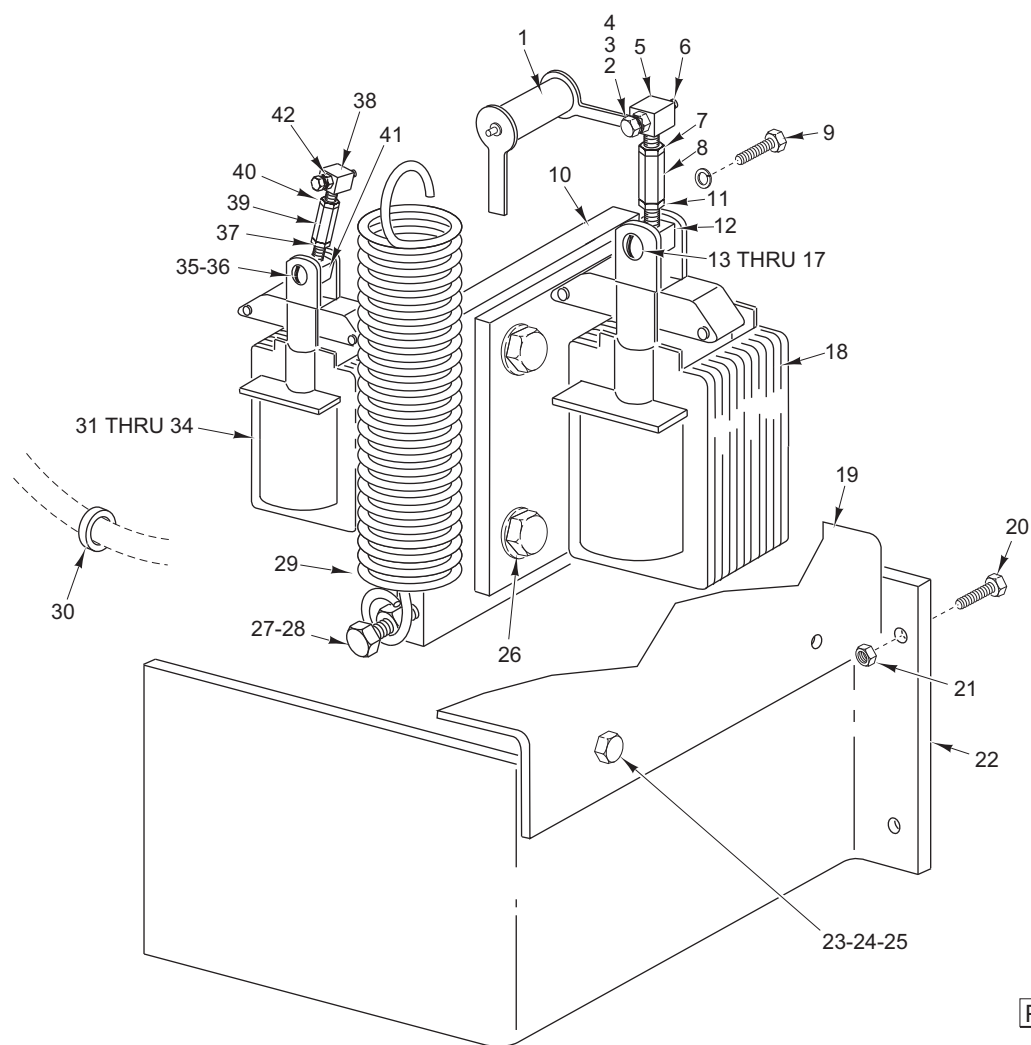
ILLUS. PL-53162	PART NO.	NAME OF PART	AMT.
1	00-334056	Bearing – LH Thread.....	1
2	NS-013-28	Nut $\frac{3}{8}$ -24 Hex (LH Thread).....	1
3	00-184001	Rod – Link.....	1
4	NS-013-27	Nut $\frac{3}{8}$ -24 Hex (RH Thread).....	1
5	00-334791	Yoke Assy.....	1
6	00-175743	Pin – Lever Link.....	1
7	RR-009-10	Retaining Ring.....	1
8	00-175744	Lever Extension Assy.....	1
9	RR-009-10	Retaining Ring.....	1
10	00-049597	Bracket – Gripper Cable.....	1
11	00-043901	Spring – Gripper Lever.....	1
12	SC-116-83	Cap Screw $\frac{3}{8}$ -16 x $1\frac{1}{2}$ Hex Hd.....	1
13	00-175982	Pin (Lever To Lever).....	1
14	SC-118-57	Cap Screw $\frac{1}{4}$ -20 x $2\frac{1}{2}$ Hex Hd.....	2
15	NS-031-20	Stop Nut $\frac{1}{4}$ -20 Hex.....	2
16	00-175735	Block – Slide Bar.....	1
17	00-333750	Spacer.....	2
18	00-175742	Nut – Follower Bearing.....	1
19	00-175736	Lever – Gripper.....	1
20	00-259547	Cam – Follower.....	1
21	00-086680	Bearing.....	2
22	00-175739	Shaft – Gripper Lever.....	1
23	SC-118-10	Cap Screw $\frac{3}{8}$ -16 x 1 Hex Hd.....	2
24	WL-004-06	Lockwasher $\frac{3}{8}$ Medium.....	2
25	00-175741	Plate – Lever Support.....	1
26	00-175740	Spacer – Lever Support.....	2
27	SC-118-09	Cap Screw $\frac{3}{8}$ -16 x $1\frac{1}{4}$ Hex Hd.....	2
28	WL-004-06	Lockwasher $\frac{3}{8}$ Medium.....	2
29	SC-118-19	Cap Screw $\frac{1}{4}$ -20 x $\frac{3}{4}$ Hex Hd.....	3
30	WL-003-38	Lockwasher $\frac{1}{4}$ Helical.....	3
31	NS-013-02	Nut $\frac{1}{4}$ -20 Hex.....	3
32	00-175734	Bracket – Slide Bar.....	1
33	00-106825-00001	Clip – Wiring.....	1
34	00-048537	Cable Assy. – Gripper (Incls. Item 35).....	1
35	00-049600-00001	Wrap – Spiral.....	1
36	00-255502	Tie – Cable Locking.....	AR
37	00-183431	Screw – Gripper Lever.....	1
	00-175978	Gripper Lever Assy. (Incls. Items 1 thru 21).....	1



FILM SELECTOR UNIT

FILM SELECTOR UNIT

ILLUS. PL-53490	PART NO.	NAME OF PART	AMT.
1	SC-068-33	Mach. Screw 10-32 x 1/2 Hex Hd.....	8
2	WL-004-40	Lockwasher #10 Medium.....	8
3	SC-123-94	Cap Screw 3/8-16 x 3/4 Hex Washer Hd.....	2
4	00-175690	Stud – Film Guide.....	2
5	SC-047-72	Set Screw 1/4 -20 x 3/8 Hex Hdls., Cup Pt.....	2
6	00-184357	Frame Assy. (RH).....	1
7	00-175627	Stud – Bearing (Used With Item 18).....	4
8	00-175618	Stud – Arm Pivot.....	4
9	00-047076	Shim – Film Selector.....	AR
10	00-044630	Guide – Top Film.....	1
11	00-175622	Guide – Film Changer.....	1
12	SC-068-33	Mach. Screw 10-32 x 1/2 Hex Hd.....	2
13	WL-004-40	Lockwasher #10 Medium.....	2
14	WS-019-02	Washer.....	2
15	RR-004-02	Retaining Ring.....	4
16	00-175621	Rod – Tie.....	1
17	00-175613	Tapered Roller Assy.....	1
18	00-044234	Shaft Assy. – Film Selector (Metal).....	1
19	00-184351	Rod – Tie.....	1
20	00-175619	Arm – Top Roller.....	2
21	00-184356	Frame Assy. (LH).....	1
22	00-183547	Link – Film Solenoid.....	1
23	00-443088	Stud – Film Arm.....	1
24	WL-004-40	Lockwasher #10 Medium.....	1
25	SC-068-31	Mach. Screw 10-32 x 3/4 Hex Hd.....	1
26	00-183548	Spacer – Solenoid Link.....	1
27	SC-068-31	Mach. Screw 10-32 x 3/4 Hex Hd.....	1
28	WS-019-02	Washer.....	2
29	WL-004-40	Lockwasher #10 Medium.....	2
30	SC-068-33	Mach. Screw 10-32 x 1/2 Hex Hd.....	2
31	00-441762	Angle – Spring Adjusting.....	1
32	NS-013-07	Nut 1/4-28 Hex.....	2
33	00-175944	Pin – Threaded.....	1
34	WL-004-40	Lockwasher #10 Medium.....	2
35	NS-009-30	Nut 10-32 Hex.....	2
36	SC-068-31	Mach. Screw 10-32 x 3/4 Hex Hd.....	6
37	NS-009-30	Nut 10-32 Hex.....	4
38	00-443088	Stud – Changer Solenoid.....	1
39	00-175620	Arm – Bottom Roller.....	2
40	00-442428	Spring Handle Assy.....	4
41	WL-004-40	Lockwasher #10 Medium.....	4
42	SC-081-18	Mach. Screw 10-32 x 1 1/8 Rd. Hd.....	4
43	WS-019-02	Washer.....	4
44	00-175621	Rod – Tie.....	1
45	00-175613	Tapered Roller Assy.....	1
46	00-044628	Guide – Narrow Film.....	1
47	00-175622	Guide – Film Changer.....	1
48	SC-068-33	Mach. Screw 10-32 x 1/2 Hex Hd.....	2
49	WL-004-40	Lockwasher #10 Medium.....	2
50	WS-019-02	Washer.....	2
51	SC-068-31	Mach. Screw 10-32 x 3/4 Hex Hd.....	4
52	WL-004-40	Lockwasher #10 Medium.....	1
53	00-175628	Stud – Film Roller (Used With Items 17 & 45).....	4
54	00-175626	Stop – Spring Handle.....	2
55	WL-004-40	Lockwasher #10 Medium.....	2
56	NS-009-30	Nut 10-32 Hex.....	2
57	SC-068-33	Mach. Screw 10-32 x 1/2 Hex Hd.....	2
58	SC-068-33	Mach. Screw 10-32 x 1/2 Hex Hd.....	2
59	WL-004-40	Lockwasher #10 Medium.....	2
60	00-175691	Pivot – Film Guide.....	2
61	RR-004-05	Retaining Ring.....	2
62	SC-068-33	Mach. Screw 10-32 x 1/2 Hex Hd.....	4
63	WL-004-40	Lockwasher #10 Medium.....	4

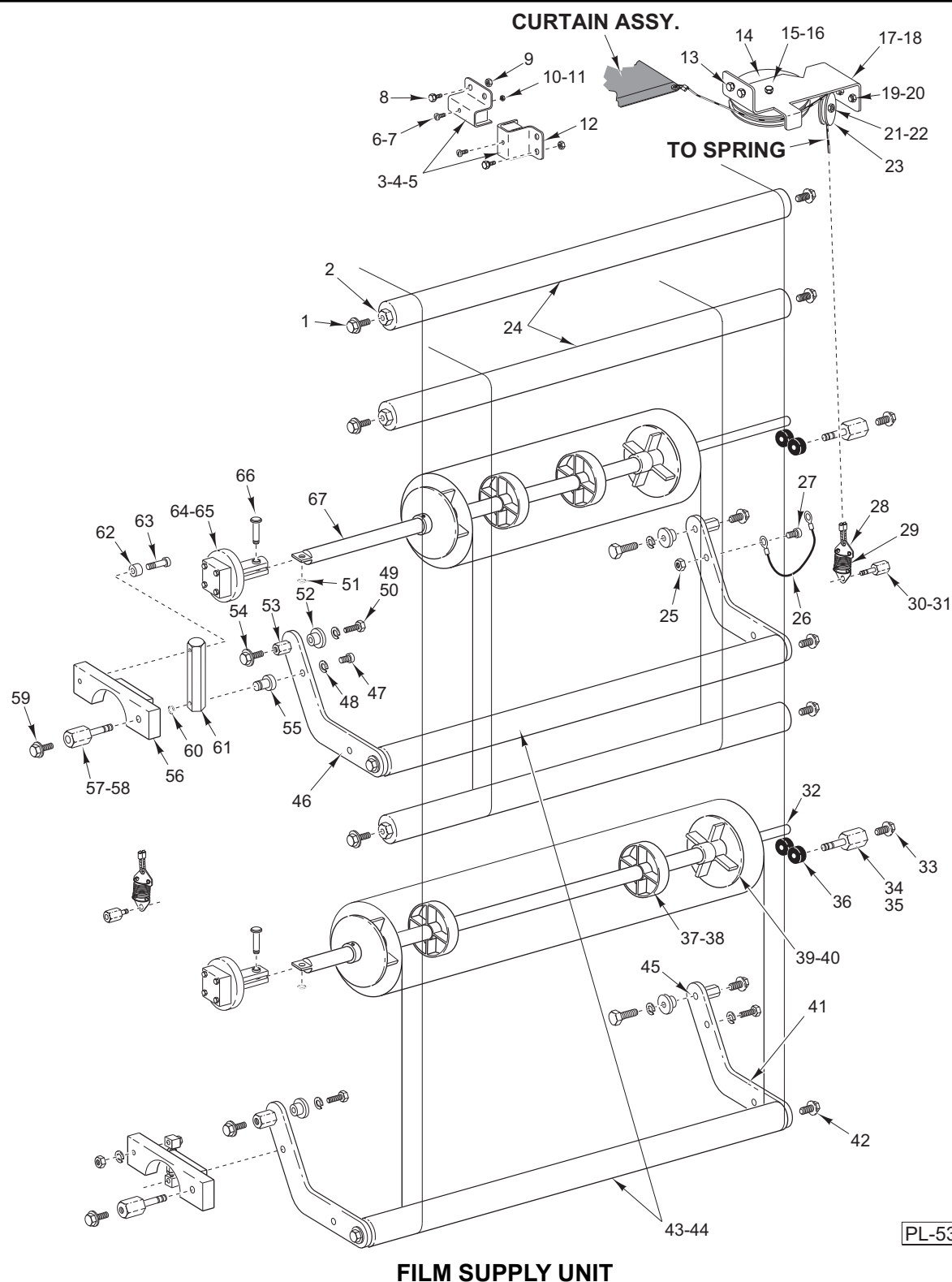


PL-53163

FILM CHANGER SOLENOID ASSEMBLY

FILM CHANGER SOLENOID ASSEMBLY

ILLUS. PL-53163	PART NO.	NAME OF PART	AMT.
1	00-175990	Crank Assy.....	1
2	SC-089-69	Cap Screw 10-32 x 1/2 Hex Socket Hd.	1
3	WL-004-40	Lockwasher #10 Medium.....	1
4	RR-004-02	Retaining Ring	1
5	00-175634	Block – Solenoid Link (LH)	1
6	00-175993	Stud – Crank.....	1
7	NS-013-08	Nut 1/4-28 Hex (LH Thread)	1
8	00-175636	Block – Take-Up.....	1
9	SC-110-12	Mach. Screw 5/16-18 x 3/4 Hex Hd.....	2
10	00-175638	Block – Solenoid Mounting	1
11	NS-013-07	Nut 1/4-28 Hex (RH Thread).....	1
12	00-175635	Block – Solenoid Link (RH)	1
13	SC-081-20	Mach. Screw 10-32 x 1 3/8 Rd. Hd.....	1
14	00-175984	Spacer – Solenoid	1
15	RR-004-02	Retaining Ring	2
16	NS-009-30	Nut 10-32 Hex.....	1
17	WL-004-40	Lockwasher #10 Medium.....	1
18	00-048192	Solenoid (Narrow Film) (220 V., 60 Hz.)	1
19	00-183966	Cover – Film Changer Top.....	1
20	SC-123-92	Mach. Screw 1/4-20 x 5/8 Hex Washer Hd.	2
21	NS-038-08	Lock Nut 1/4-20 Hex	2
22	00-183932	Cover – Film Changer.....	1
23	SD-015-41	Self-Tapping Screw 8-32 x 1/2 Phil. Pan Hd., "Taptite"	2
24	00-086878	Nut – Tinnerman	2
25	WL-003-12	Lockwasher #8 Medium.....	2
26	SC-123-92	Mach. Screw 1/4-20 x 5/8 Hex Washer Hd.	4
27	SC-117-91	Cap Screw 1/4-20 x 1 Hex Hd.	1
28	NS-038-08	Lock Nut 1/4-20 Hex	1
29	00-175834	Spring – Knife	1
30	FE-021-13	Bushing (Nylon) 1/2 I.D.	1
31	00-048191	Solenoid (Wide Film) (220 V., 60 Hz.).....	1
32	SC-037-80	Cap Screw 10-24 x 1/2 Hex Hd.	4
33	WL-004-40	Lockwasher #10 Medium.....	4
34	WS-019-06	Washer.....	6
35	00-183944	Pin – Film Solenoid.....	1
36	RR-011-69	Retaining Ring	2
37	NS-013-07	Nut 1/4-28 Hex (RH Thread).....	1
38	00-183590	Block – Film Solenoid	1
39	00-183591	Rod – Film Adjust.....	1
40	NS-013-08	Nut 1/4-28 (LH Thread).....	1
41	00-330072	Block – Chain (RH).....	1
42	RR-004-02	Retaining Ring	1
	00-046995	Solenoid Cable Assy. (Not Shown)	2
	00-175633	Link Assy. Solenoid (Incls. Items 5, 7, 8, 11, & 12)	1

ILLUS.
PL-53164

PART NO.

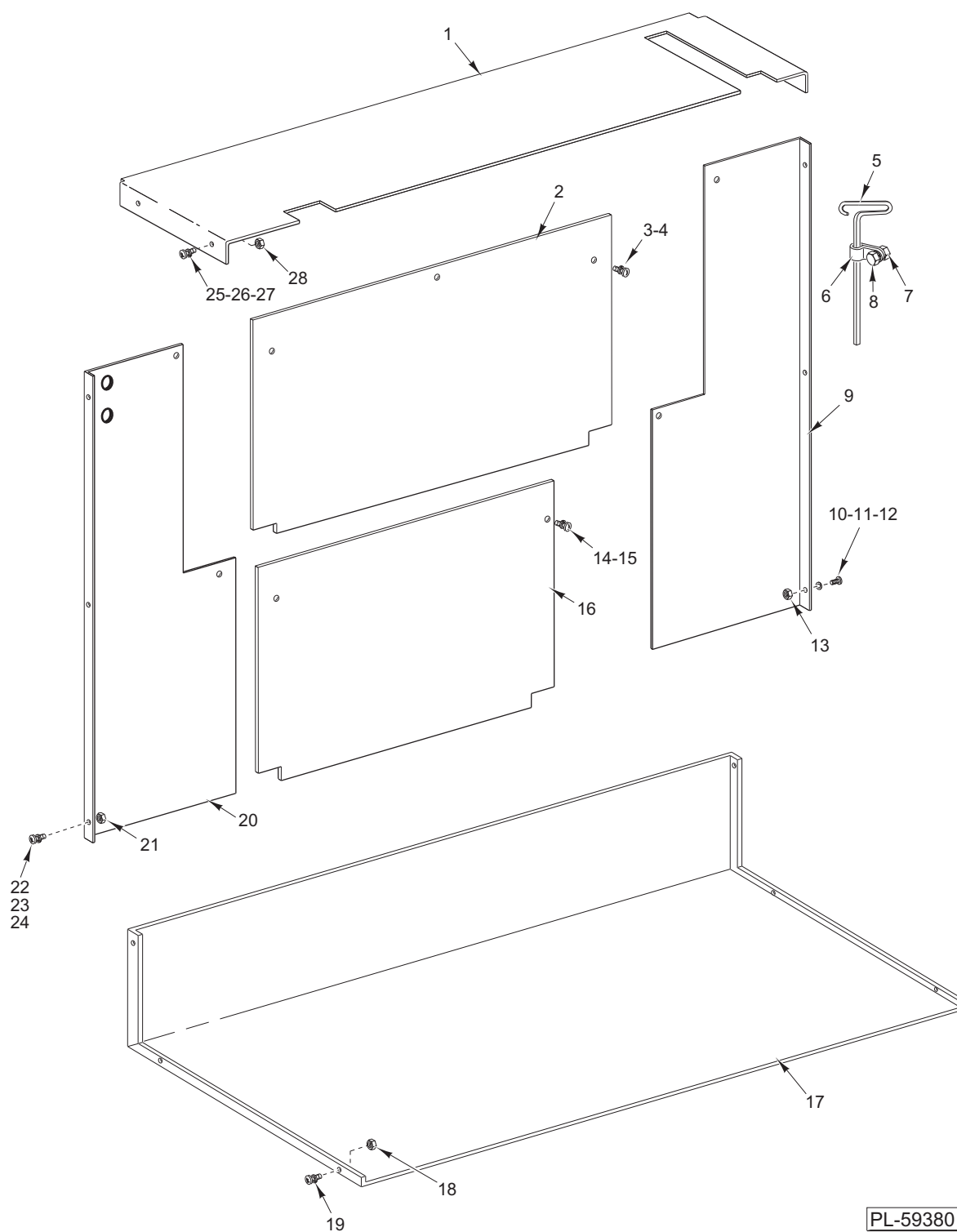
NAME OF PART

AMT.

1	SC-123-92	Mach. Screw 1/4-20 x 5/8 Hex Washer Hd.	4
2	00-175611	Roller – Support Spacer	4
3	00-042180	Switch – Retro Photo (Switch Only).....	1
4	00-046955	Film Supply Switch Cable Assy. (Narrow) (Incls. Item 3).....	1

FILM SUPPLY UNIT (CONT.)

ILLUS. PL-53164	PART NO.	NAME OF PART	AMT.
5	00-046956	Film Supply Switch Cable Assy. (Wide) (Incls. Item 3)	1
6	SC-018-51	Mach. Screw 4-40 x $\frac{5}{8}$ Pan Hd.	2
7	WS-029-24	Washer	2
8	SC-123-92	Mach. Screw $\frac{1}{4}$ -20 x $\frac{5}{8}$ Hex Washer Hd.	4
9	NS-038-08	Lock Nut $\frac{1}{4}$ -20 x 1 Hex	4
10	NS-009-02	Nut 4-40 Hex	2
11	WL-003-03	Lockwasher #4 Helical	2
12	00-183680	Bracket – Out-Of-Film Switch	2
13	SC-100-08	Mach. Screw $\frac{1}{4}$ -20 x $\frac{3}{8}$ Hex Washer Hd. "Whiz-Loc"	4
14	00-044160	Roller – Cable	2
15	00-044165	Stud – Pulley	2
16	SC-100-08	Mach. Screw $\frac{1}{4}$ -20 x $\frac{3}{8}$ Hex Washer Hd. "Whiz-Loc"	2
17	00-044172	Bracket – Roller (LH)	1
18	00-044171	Bracket – Roller (RH)	1
19	SC-123-92	Mach. Screw $\frac{1}{4}$ -20 x $\frac{5}{8}$ Hex Washer Hd.	4
20	NS-038-04	Lock Nut $\frac{1}{4}$ -20 Hex	4
21	00-044165	Stud – Pulley	2
22	SC-100-08	Mach. Screw $\frac{1}{4}$ -20 x $\frac{3}{8}$ Hex Washer Hd. "Whiz-Loc"	2
23	00-044161	Roller – Cable	2
24	00-175598	Film Roller Assy.	2
25	NS-031-49	Nut 10-32 Hex	2
26	00-041480	Ground Wire Assy.	2
27	SC-089-69	Cap Screw 10-32 x $\frac{1}{2}$ Hex Socket Hd.	2
28	00-049044	Hook – Spring Assy. (Incls. Springs, Cables, Etc.)	2
29	00-044458	Spring – Curtain	2
30	00-044229	Stud – Brake Arm Assy. (Use With Curtain Assy.)	1
31	RR-009-10	Retaining Ring	1
32	00-183829	Film Shaft & Bearing Assy.	2
33	SC-100-12	Mach. Screw $\frac{5}{16}$ -18 x $\frac{3}{4}$ Hex Washer Hd. "Whiz-Loc"	4
34	RR-010-12	Retaining Ring	4
35	00-043414	Stud – Film Arbor Roller	4
36	00-183773	Roller – Arbor	4
37	00-183778	Disc – Arbor	4
38	RR-011-06	Retaining Ring	8
39	00-446880	Core – Film	4
40	SC-119-82	Set Screw $\frac{5}{16}$ -18 x $\frac{5}{8}$ (SST)	8
41	00-047352	Dancer Arm Assy. (RH) (Incls. Item 45)	2
42	SC-100-12	Mach. Screw $\frac{5}{16}$ -18 x $\frac{3}{4}$ Hex Washer Hd. "Whiz-Loc"	4
43	00-183800	Dancer Roller Assy.	2
44	00-183777	Shaft – Roller	2
45	00-042883	Bearing – Flange	4
46	00-047351	Dancer Arm Assy. (LH) (Incls. Item 45)	2
47	SC-089-69	Cap Screw 10-32 x $\frac{1}{2}$ Hex Socket Hd.	2
48	WL-004-40	Lockwasher #10 Medium	4
49	SC-118-17	Cap Screw $\frac{1}{4}$ -20 x $1\frac{1}{4}$ Hex Hd.	4
50	WL-003-38	Lockwasher $\frac{1}{4}$ Medium	4
51	RR-004-02	Retaining Ring	2
52	00-047350	Dancer – Pivot	4
53	00-175603	Stand-Off – Dancer	4
54	SC-100-12	Mach. Screw $\frac{5}{16}$ -18 x $\frac{3}{4}$ Hex Washer Hd. "Whiz-Loc"	1
55	00-443088	Stud – Film Arm	2
56	00-183796	Brake Arm Assy.	2
57	00-044229	Stud – Brake Arm Assy. (Use With Curtain Assy.)	1
58	RR-009-10	Retaining Ring	2
59	SC-100-12	Mach. Screw $\frac{5}{16}$ -18 x $\frac{3}{4}$ Hex Washer Hd. "Whiz-Loc"	2
60	RR-004-02	Retaining Ring	2
61	00-443087	Link – Brake Arm	2
62	00-183837	Sleeve – Brake Link	2
63	SC-089-79	Cap Screw 10-32 x 1 Hex Socket Hd.	2
64	SC-100-12	Mach. Screw $\frac{5}{16}$ -18 x $\frac{3}{4}$ Hex Washer Hd. "Whiz-Loc"	8
65	00-043417	Arbor & Bearing Assy.	2
66	00-183770	Pin – Arbor	2
67	00-183829	Film Shaft & Bearing Assy.	2
	00-441131	Label – Film Thread	1

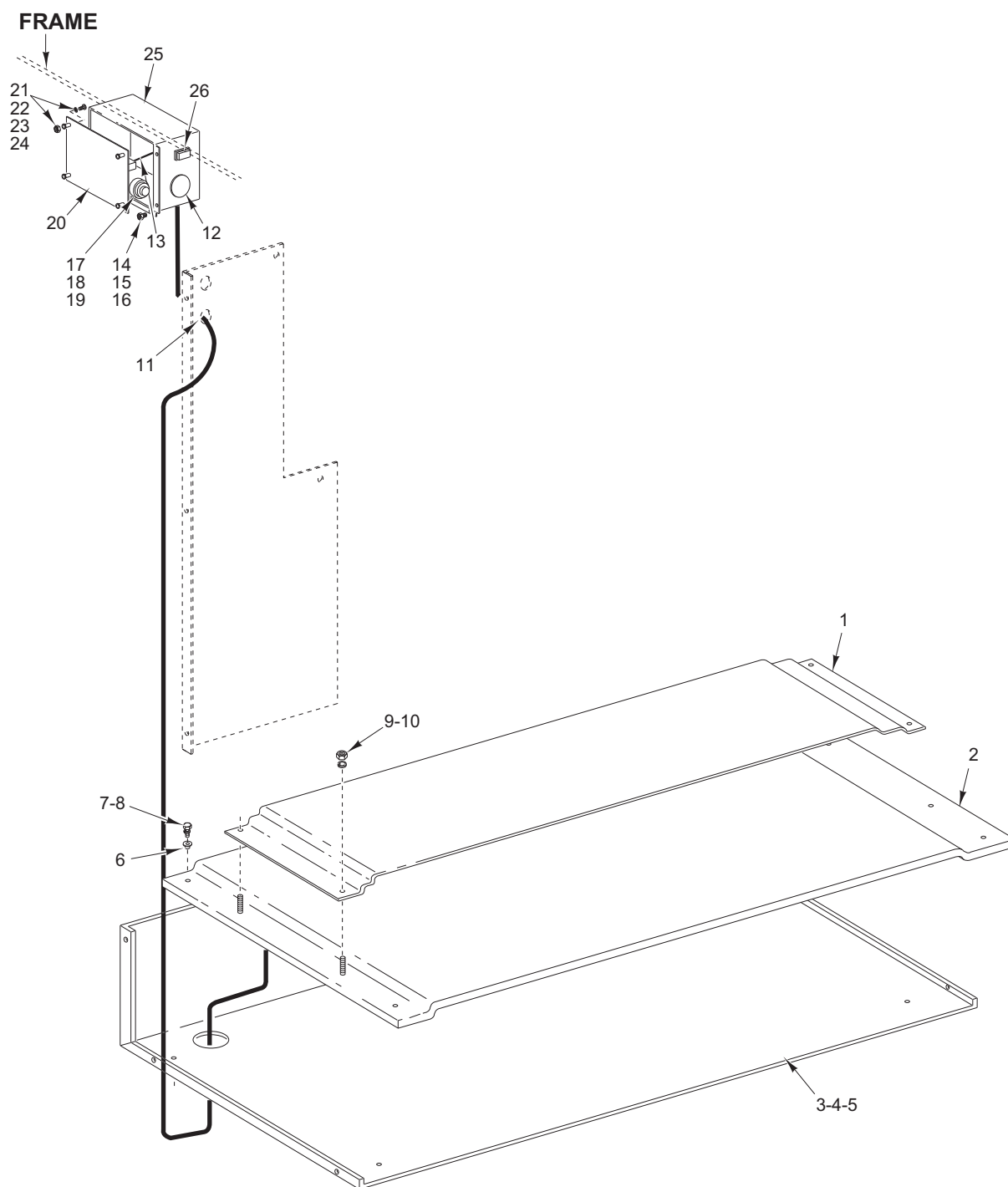


PL-59380

FILM CHAMBER

FILM CHAMBER

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-59380			
1	00-175592	Top – Chamber	1
2	00-175597	Plate – Rear Upper	1
3	SD-015-41	Self-Tapping Screw 8-32 x 1/2 Phil. Pan Hd., Type TT.	3
4	00-086878	Nut – Tinnerman	3
5	00-518938	Key (T-Handle 5/32)	1
6	00-332284	Clamp – Conduit	1
7	NS-038-08	Lock Nut 1/4 -20 Hex	1
8	SC-123-92	Mach. Screw 5/16-18 x 5/8 Hex Washer Hd. “Whiz-Loc”	1
9	00-175595	Side – Chamber (LH)	1
10	SC-123-74	Mach. Screw 8-32 x 5/8 Phil. Pan Hd.	3
11	WL-003-12	Lockwasher #8 Medium	3
12	WS-023-23	Washer	3
13	NS-009-12	Nut 8-32 Hex	3
14	SD-015-41	Self-Tapping Screw 8-32 x 1/2 Phil. Pan Hd., Type TT.	2
15	00-086878	Nut – Tinnerman	2
16	00-175596	Plate – Rear Lower	1
17	00-044025-00001	Bottom Chamber Assy.	1
18	NS-038-13	Lock Nut 10-24 Hex	4
19	SC-066-06	Mach. Screw 10-24 x 1/2 Phil. Truss Hd.	4
20	00-043492	Side – Chamber (RH)	1
21	NS-009-12	Nut 8-32 Hex	3
22	SC-123-74	Mach. Screw 8-32 x 5/8 Phil. Pan Hd.	3
23	WL-003-12	Lockwasher #8 Medium	3
24	WS-023-23	Washer	3
25	SC-123-74	Mach. Screw 8-32 x 5/8 Phil. Pan Hd.	4
26	WL-003-12	Lockwasher #8 Medium	4
27	WS-023-23	Washer	4
28	NS-009-12	Nut 8-32 Hex	4



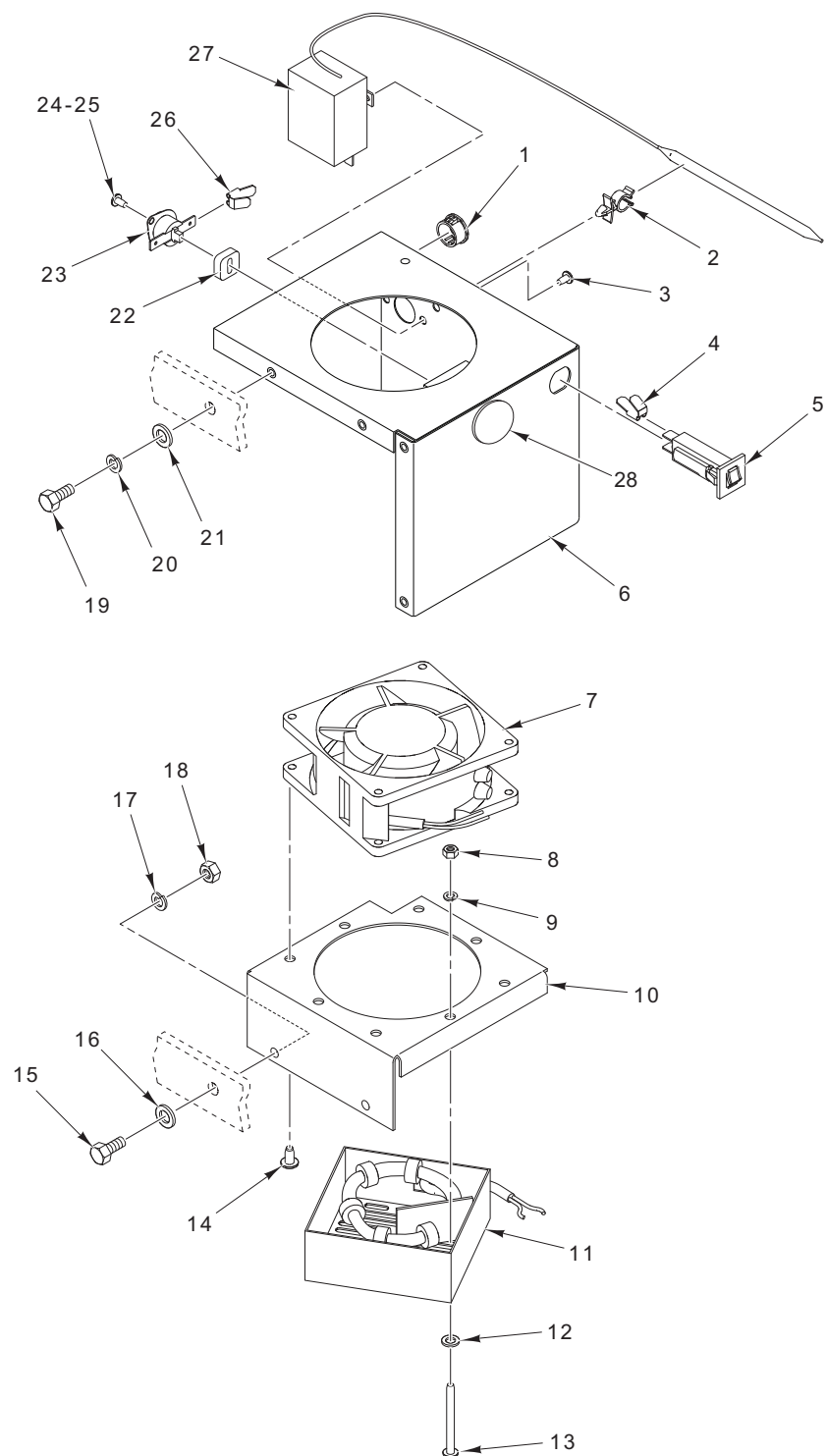
PL-59381

**FILM HEATER
(UNITS BUILT ON OR BEFORE 9/24/2002)**

**FILM HEATER
(UNITS BUILT ON OR BEFORE 9/24/2002)**

ILLUS. PL-59381	PART NO.	NAME OF PART	AMT.
1	00-043650	Cover – Heater	1
*2	-	Heater Plate Assy.....	1
3	00-044025-00001	Bottom Chamber Assy.	1
4	00-438131-00043	Label – Warning.....	1
5	00-334655-00001	Grommet – Caterpillar	1
6	00-043499	Bushing	4
7	SC-067-07	Mach. Screw 10-24 x 1/2 Hex Hd. (SST)	4
8	WL-006-07	Lockwasher #10 Medium.....	4
9	NS-011-12	Nut 8-32 Hex.....	4
10	WL-006-02	Lockwasher #8 Medium.....	4
11	FE-021-13	Bushing (Nylon) 1/2 I.D.	3
12	PB-004-01	Plug Button	1
13	00-043686-00001	Harness – Heater Splitter	1
14	SC-110-31	Mach. Screw 10-24 x 3/4 Hex Hd.	4
15	WS-019-10	Washer.....	4
16	WL-006-07	Lockwasher #10 Medium.....	4
17	NS-031-03	Stop Nut 6-32 Hex	2
18	SC-018-28	Mach. Screw 6-32 x 1/4 Phil. Pan Hd.	1
19	00-043898	Thermostat – Hi Limit.....	1
*20	-	Controller	1
21	SC-060-69	Mach. Screw 8-32 x 1 Rd. Hd.....	4
22	WL-008-07	Lockwasher #8 Internal Shakeproof	4
23	NS-011-12	Nut 8-32 Hex.....	4
24	WS-019-10	Washer.....	4
25	00-043902	Cover Assy. – Controller (Incls. Items 12, 17, 18, 19, & 26)	1
26	00-043687	Circuit Breaker (5 Amp.)	1

*This Item No Longer Available, Order Heater Assembly Kit [00-443699](#).

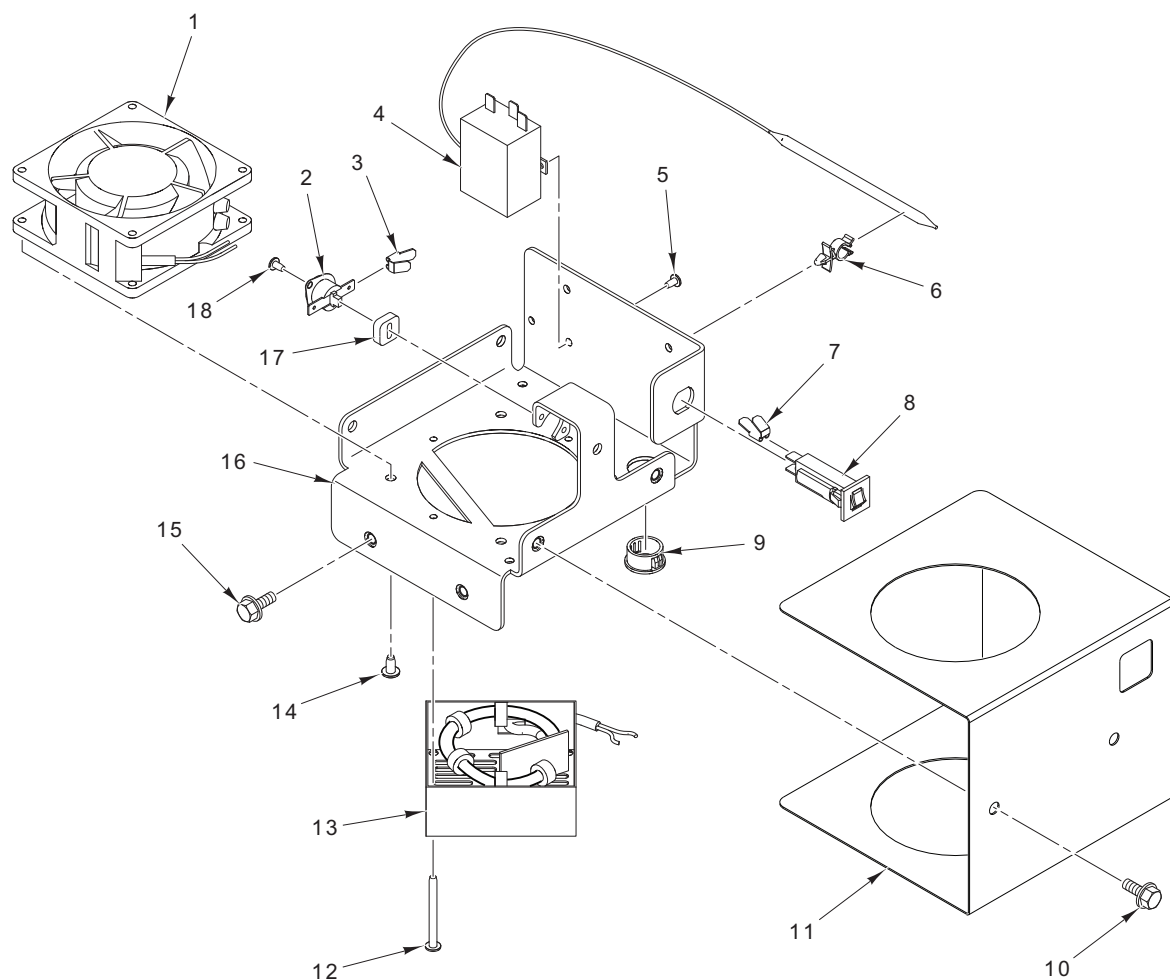


PL-59382

**FILM HEATER (PREVIOUS CONSTRUCTION)
(UNITS BUILT ON 9/25/2002 THRU 11/9/2004)**

**FILM HEATER (PREVIOUS CONSTRUCTION)
(UNITS BUILT ON 9/25/2002 THRU 11/9/2004)**

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-59382			
1	FE-019-01	Bushing – Electrical Snap.....	1
2	00-442454	Standoff – Wire Mounting.....	2
3	SD-015-37	Self-Tapping Screw 6-32 x 1/4.....	2
4	00-130555	Tab – Adapter.....	1
5	00-043687	Breaker – Circuit (5 Amp.).....	1
6	00-442424	Cover Assy. – Controller.....	1
7	00-442459	Fan Assy.	1
8	NS-009-12	Nut 8-32 Hex.....	4
9	WL-003-12	Lockwasher #8 Helical.....	4
10	00-442418	Bracket – Fan Heater.....	1
11	00-442460	Heater Assy. – Axial Fan.....	1
12	WS-023-48	Washer.....	4
13	SC-081-12	Mach. Screw 8-32 x 1 1/2 Slotted Rd. Hd.....	4
14	SD-024-38	Self-Tapping Screw 10-32 x 3/8 Phil. Pan Hd., Type TT.....	4
15	SC-110-31	Mach. Screw 10-24 x 3/4 Hex Hd.	2
16	WS-019-10	Washer (SST).....	2
17	WL-006-07	Lockwasher #10 Helical.....	2
18	NS-009-22	Nut 10-24 Hex.....	2
19	SC-110-31	Mach. Screw 10-24 x 3/4 Hex Hd.	4
20	WL-006-07	Lockwasher #10 Helical.....	4
21	WS-019-10	Washer (SST).....	4
22	00-442585	Shield – Thermostat.....	1
23	00-442422	Thermostat – Hi-Limit.....	1
24	SC-018-28	Mach. Screw 6-32 x 1/4 Phil. Pan Hd.....	2
25	NS-031-03	Stop Nut 6-32 Hex.....	2
26	00-130555	Tab – Adapter.....	1
27	00-442423	Thermostat – Bulb & Capillary.....	1
28	PB-004-01	Plug Button.....	1
	00-442458	Wire Assy. (Thermostat to Breaker).....	1

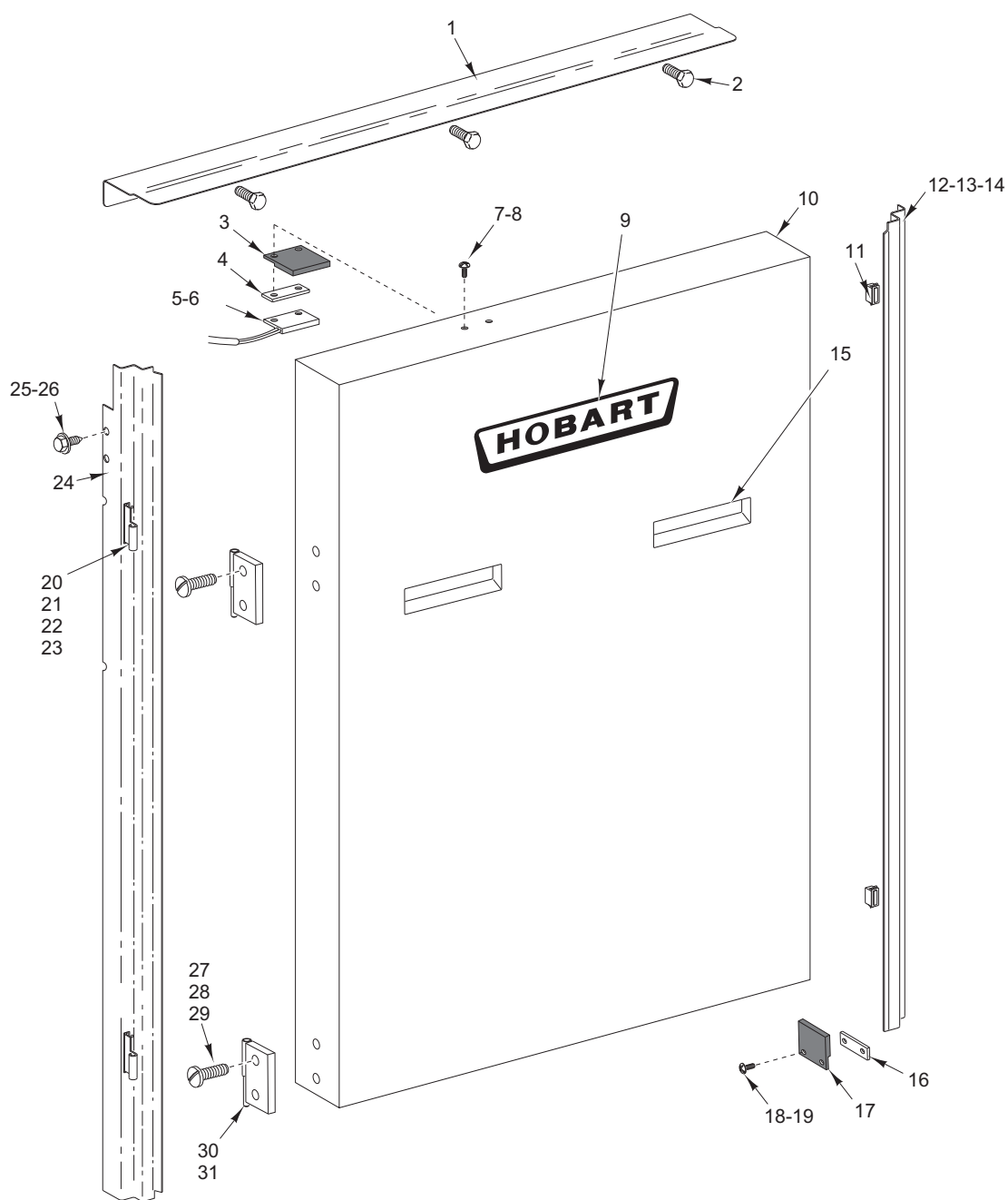


PL-59383

**FILM HEATER
(UNITS BUILT ON OR AFTER 11/10/2004)**

FILM HEATER
(UNITS BUILT ON OR AFTER 11/10/2004)

ILLUS. PL-59383	PART NO.	NAME OF PART	AMT.
1	00-442459	Fan Assy.	1
2	00-442422	Thermostat – Hi-Limit	1
3	00-130555	Tab – Adapter.....	1
4	00-442423	Thermostat – Bulb & Capillary	1
5	SD-015-37	Self-Tapping Screw 6-32 x 1/4.....	2
6	00-442454	Standoff – Wire Mounting	2
7	00-130555	Tab – Adapter.....	1
8	00-043687	Breaker – Circuit (5 Amp.)	1
9	FE-016-32	Bushing – Electrical Snap.....	1
10	SC-123-92	Mach. Screw 1/4-20 x 5/8 Hex Washer Hd.	2
11	00-443407	Cover – Heater	1
12	SD-038-05	Self-Tapping Screw 8-32 x 1 3/4 Phil. Pan Hd., Type TT.....	3
13	00-442460	Heater Assy. – Axial Fan.....	1
14	SD-024-38	Self-Tapping Screw 10-24 x 3/8 Phil. Pan Hd.....	4
15	SC-123-92	Mach. Screw 1/4-20 x 5/8 Hex Washer Hd.	2
16	00-443408	Plate Assy. – Heater.....	1
17	00-442585	Shield – Thermostat.....	1
18	SD-015-37	Self-Tapping Screw 6-32 x 1/4.....	2

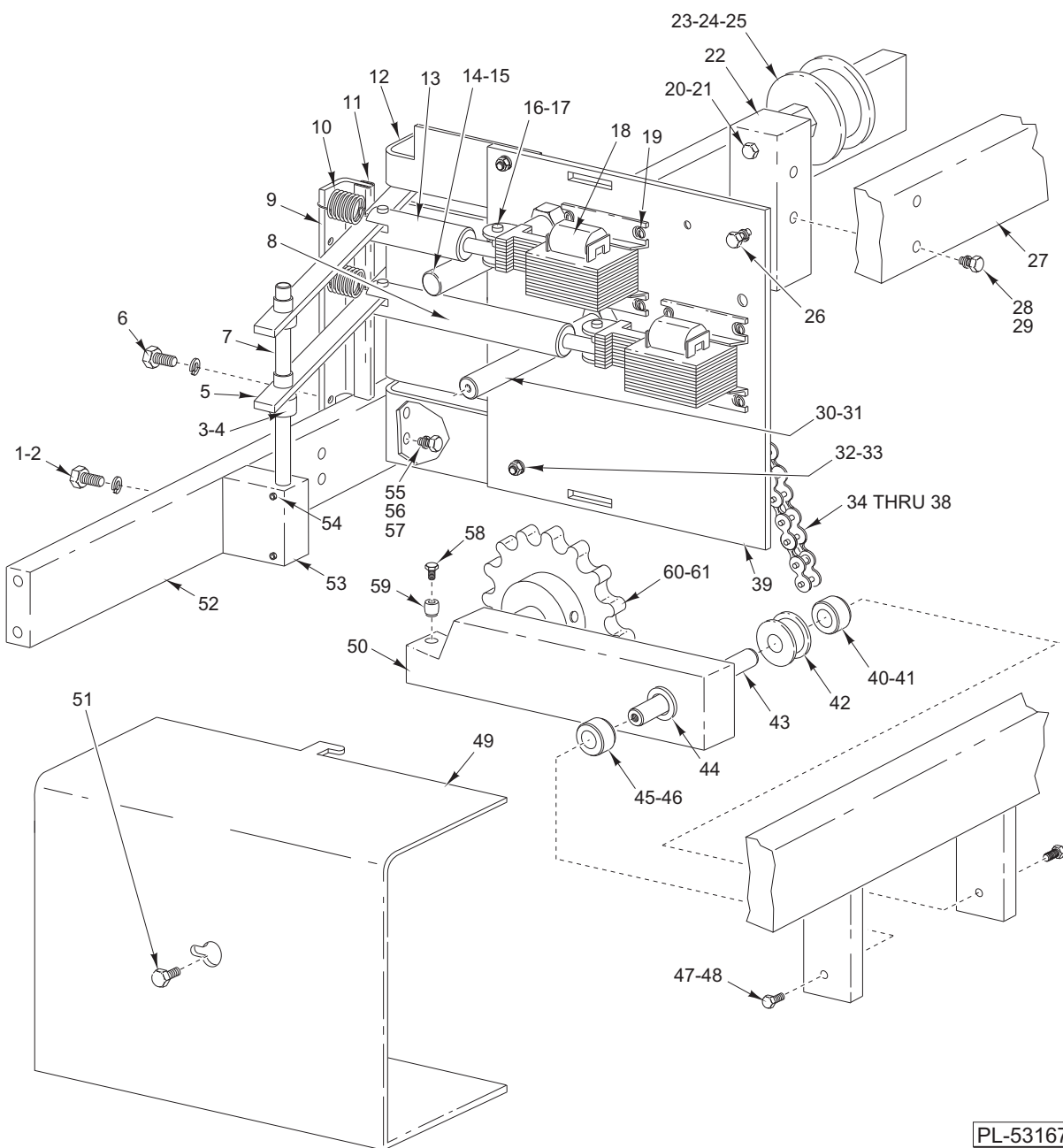


PL-53166

FILM ACCESS DOOR

FILM ACCESS DOOR

ILLUS. PL-53166	PART NO.	NAME OF PART	AMT.
1	00-048242	Strip – Top Trim.....	1
2	SD-024-18	Self-Tapping Screw 10-24 x 1/2 Hex Hd., Type TT.....	3
3	00-175999	Actuator – Magnetic.....	1
4	00-183396	Plate – Screw Switch.....	1
5	00-046952	Cable Assy. – Film Door (Incls. Item 6).....	1
6	00-175998	Sensor	1
7	WL-003-03	Lockwasher #4 Medium.....	2
8	SC-021-02	Mach. Screw 4-40 x 1/2 Pan Hd.....	2
9	00-442432	Logo – Hobart (11 In.).....	1
10	00-442430	Door – Film Access.....	1
11	00-041725	Catch – Magnet	3
12	00-043459	Strip – Side	1
13	SC-121-61	Mach. Screw 1/4-20 x 5/8 Hex Washer Hd., “Whiz-Lock”	2
14	WL-003-12	Lockwasher #8 Medium.....	2
15	00-442435	Pull – Door.....	2
16	00-183396	Plate – Screw Switch.....	1
17	00-175999	Actuator – Magnetic.....	1
18	WL-006-43	Lockwasher #4 Helical.....	2
19	SC-113-10	Mach. Screw 4-40 x 3/8 Phil. Pan Hd.....	2
20	00-043458	Hinge – Female (RH).....	2
21	00-043475	Hinge – Female (LH)	2
22	SC-110-87	Mach. Screw 10-32 x 1/4 Phil. Pan Hd.....	4
23	WL-006-07	Lockwasher #10 Medium.....	4
24	00-043459	Strip – Side	1
25	SC-121-61	Mach. Screw 1/4-20 x 5/8 Hex Washer Hd., “Whiz-Lock”	2
26	WL-003-12	Lockwasher #8 Medium.....	2
27	SC-053-03	Mach. Screw 10-24 x 3/4 Slotted Truss Hd.....	4
28	NS-038-13	Lock Nut 10-24 Hex	4
29	WS-029-79	Washer.....	4
30	00-044849	Hinge Assy. – Bottom.....	1
31	00-044848	Hinge Assy. – Top	1

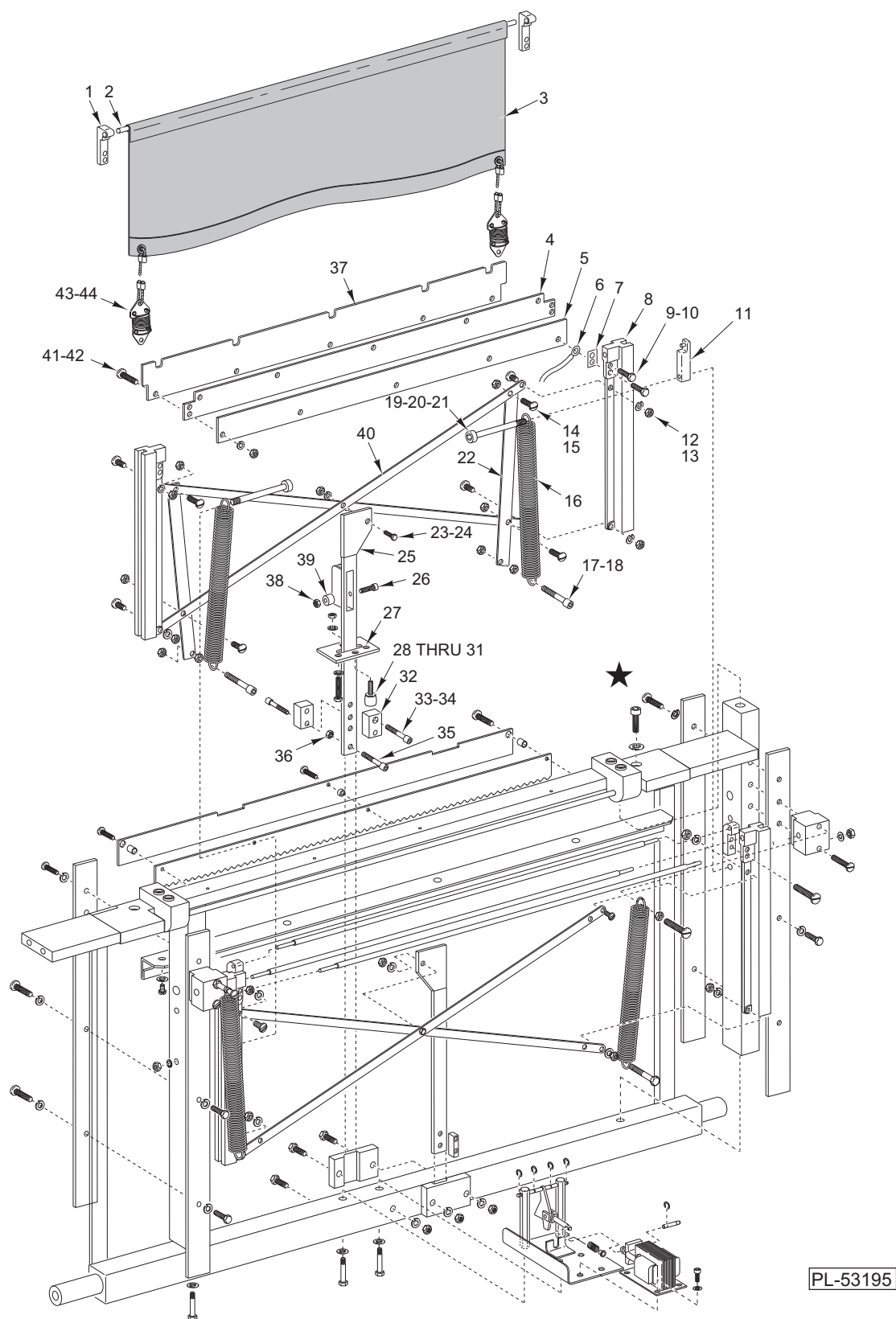


PL-53167

FILM LENGTH

FILM LENGTH

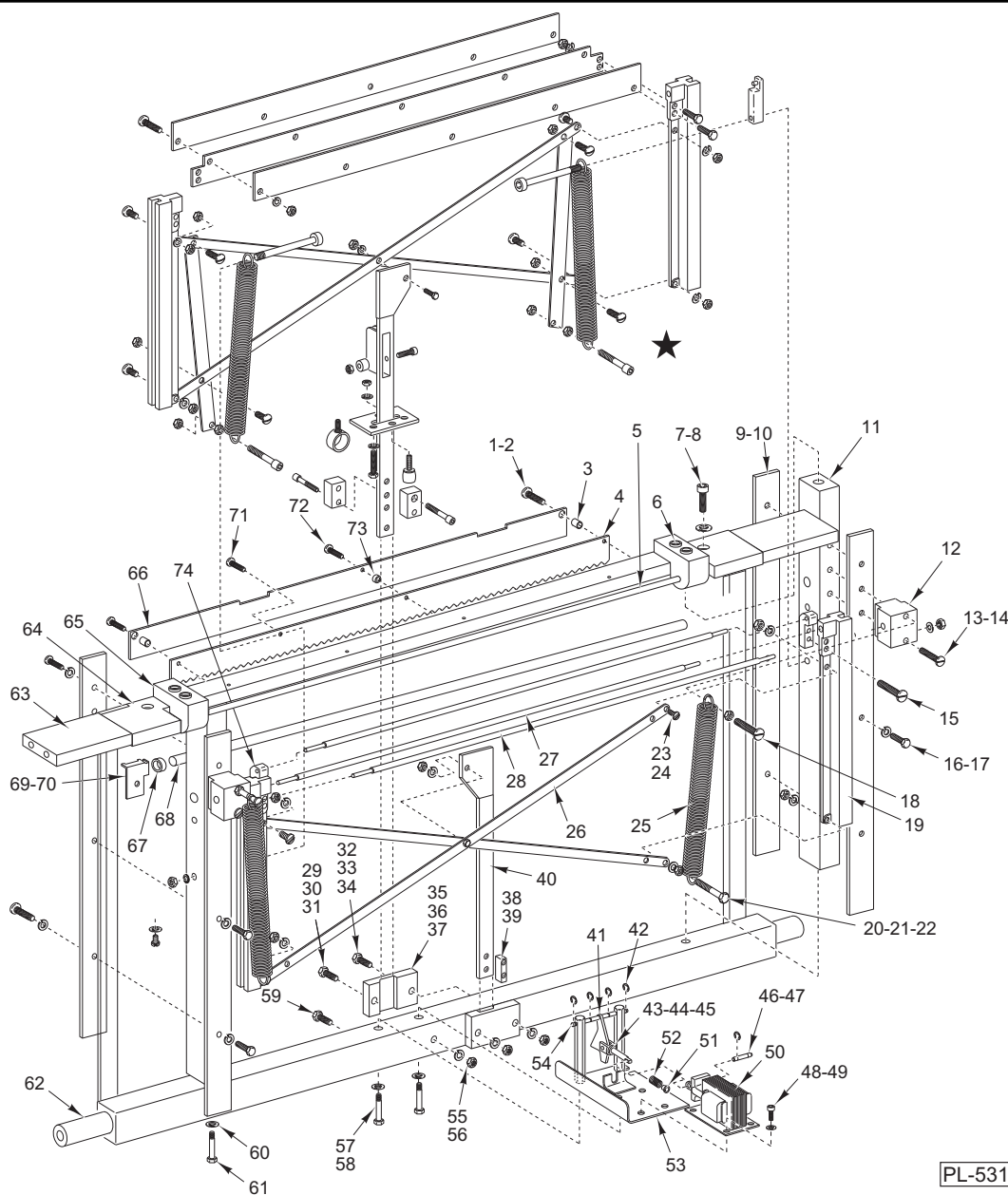
ILLUS. PL-53167	PART NO.	NAME OF PART	AMT.
1	SC-062-21	Cap Screw $\frac{5}{16}$ -18 x $1\frac{1}{4}$ Hex Hd.	2
2	WL-003-47	Lockwasher $\frac{5}{16}$ Medium.....	2
3	00-086710	Collar Assy. (Incls. Item 4)	2
4	SC-075-10	Set Screw $\frac{1}{4}$ -20 x $\frac{3}{16}$ Hex Hdls., Cup Pt.	2
5	00-175660	Latch – Pivot Assy	2
6	SC-100-12	Cap Screw $\frac{5}{16}$ -18 x $\frac{3}{4}$ Hex Washer Hd.	2
7	00-175652	Shaft – Lever Pivot	1
8	00-044320	Rod – Connecting (Long).....	1
9	00-334764	Bracket – Spring	1
10	00-440474	Spring – Film Adjust.....	2
11	00-048090-00003	Protector – Edge	1
12	00-044330	Bracket – Latch Support.....	1
13	00-044319	Rod – Connecting (Short)	1
14	00-044337	Pin – Support	1
15	SC-121-61	Mach. Screw $\frac{1}{4}$ -20 x $\frac{5}{8}$ Hex Washer Hd., “Whiz-Lock” (Mounts Item 14 to Plate).....	1
16	00-044321	Pin.....	4
17	RR-011-69	Retaining Ring	4
18	00-048293	Solenoid (Film Pull) (220-230 V., 50-60 Hz.)	2
19	SD-024-18	Self-Tapping Screw 10-24 x $\frac{1}{2}$ Hex Hd., Type TT.....	8
20	SC-116-83	Cap Screw $\frac{3}{8}$ -16 x $1\frac{1}{2}$ Hex Hd.	1
21	WL-004-06	Lockwasher $\frac{3}{8}$ Medium.....	1
22	00-175658	Block – Idler Mounting	1
23	00-047828	Roller – Film Adjust. Chain	1
24	00-047825	Stud – Film Adjust Idler.....	1
25	RR-008-13	Retaining Ring	1
26	SC-040-65	Cap Screw $\frac{5}{16}$ -18 x $\frac{5}{8}$ Hex Socket Hd.....	2
27	00-175645	Bar & Block Assy	1
28	SC-100-12	Cap Screw $\frac{5}{16}$ -18 x $1\frac{1}{4}$ Hex Washer Hd.....	4
29	WL-003-47	Lockwasher $\frac{5}{16}$ Medium.....	4
30	00-044298	Pin – Standoff Support.....	1
31	SC-121-61	Mach. Screw $\frac{1}{4}$ -20 x $\frac{5}{8}$ Hex Washer Hd. (Mounts Item 30 to Plate).....	2
32	SC-062-21	Cap Screw $\frac{5}{16}$ -18 x $\frac{3}{4}$ Hex Washer Hd.....	3
33	NS-038-11	Lock Nut $\frac{5}{16}$ -18 Hex	3
34	00-046229	Knife Reset Chain Assy.....	1
35	00-046231	Film Adjust Chain Assy. (Use With Curtain Assy.).....	1
36	SC-117-91	Cap Screw $\frac{1}{4}$ -20 x 1 Hex Hd.	3
37	WL-003-38	Lockwasher $\frac{1}{4}$ Medium.....	3
38	NS-031-20	Nut $\frac{1}{4}$ -20 Hex	3
39	00-044327	Plate Assy. – Solenoid	1
40	00-086713	Collar – Steel (Incls. Item 41)	1
41	SC-047-95	Set Screw $\frac{5}{16}$ -18 x $\frac{1}{4}$ Hex Hdls., Cup Pt.	1
42	00-175659	Roller – Knife Chain Guide	1
43	00-175644	Shaft – Film Adjust Pivot.....	1
44	00-086674	Bearing	2
45	00-086713	Collar Assy. (Incls. Item 46)	1
46	SC-047-95	Set Screw $\frac{5}{16}$ -18 x $\frac{1}{4}$ Hex Hdls., Cup Pt.	1
47	SC-120-38	Cap Screw $\frac{5}{16}$ -18 x 1 Hex Hd.	2
48	WL-003-47	Lockwasher $\frac{5}{16}$ Medium.....	2
49	00-044323	Cover – Film Adjust.....	1
50	00-048502	Film Adjust Lever Assy. (Incls. Items 44, 60, & 61)	1
51	SC-114-04	Mach. Screw $\frac{1}{4}$ -20 x $\frac{1}{2}$ Hex Washer Hd. (Mounts Item 50 to Item 30)	1
52	00-175653	Spacer – Film Adjustment Mounting	1
53	00-175651	Block – Pivot	1
54	SC-055-01	Set Screw 10-24 x $\frac{1}{4}$ Hex Hdls., Cup Pt. (SST)	2
55	SC-062-21	Cap Screw $\frac{5}{16}$ -18 x $1\frac{1}{4}$ Hex Hd.	2
56	WL-003-47	Lockwasher $\frac{5}{16}$ Medium.....	2
57	NS-038-11	Lock Nut $\frac{5}{16}$ -18 Hex	2
58	SC-066-20	Mach. Screw 10-32 x $\frac{1}{2}$ Phil. Truss Hd.	1
59	00-175826	Bumper – Knife	1
60	00-047818	Sprocket – Idler (15T).....	1
61	RR-008-13	Retaining Ring	1



KNIFE AND PULLDOWN ASSEMBLY (WITH CURTAIN)

KNIFE AND PULLDOWN ASSEMBLY (WITH CURTAIN)

ILLUS. PL-53195	PART NO.	NAME OF PART	AMT.
1	00-044159	Bracket – Curtain	2
2	00-044232	Roller – Film Curtain	1
3	00-044243	Curtain & Spring Assy. (Incls. Springs, Cables, Etc.).....	1
4	00-175864	Channel – Support.....	1
5	00-047848	Plate – Knife Channel	1
6	00-183458	Cable Assy. (Ground).....	1
7	00-047849	Plate – Nut	2
8	00-175860	Slide – Knife & Pulldown.....	2
9	SC-067-09	Mach. Screw 10-32 x 5/8 Hex Hd.	4
10	WL-013-11	Lockwasher #10 Internal Shakeproof	4
11	00-334750	Block – Spring Mounting.....	2
12	SC-014-64	Mach. Screw 1/4-20 x 5/8 Flat Hd.	4
13	NS-047-86	Stop Nut 1/4-20 Hex	4
14	00-331890	Screw – Nylok.....	4
15	NS-013-02	Nut 1/4-20 Hex.....	4
16	00-334748	Spring – Knife Assy.	2
17	SC-089-05	Cap Screw 1/4-20 x 1 1/4 Socket Hex Hd.	2
18	NS-013-02	Nut 1/4-20 Hex	2
19	00-334758	Screw – Spring Mounting.....	2
20	NS-013-02	Nut 1/4-20 Hex	2
21	WL-003-38	Lockwasher 1/4 Helical.....	2
22	00-334749	Plate – Knife Spring Mounting	2
23	SC-118-19	Cap Screw 1/4-20 x 3/4 Hex Hd.	2
24	NS-031-20	Stop Nut 1/4-20 Hex	2
25	00-048495	Bar Assy. – Knife	1
26	SC-086-01	Shoulder Screw 10-32 x 3/4 Hex Socket Hd.	1
27	00-044157	Block – Bumper	2
28	00-175826	Bumper – Knife	3
29	SC-084-34	Cap Screw 1/4-20 x 3/4 Flat Hd.	3
30	WS-022-10	Washer.....	3
31	NS-017-03	Jam Nut 1/4-20 Hex.....	3
32	00-048496	Block – Bumper	2
33	SC-089-04	Cap Screw 1/4-20 x 1 Hex Socket Hd.	2
34	WL-003-38	Lockwasher 1/4 Medium.....	2
35	SC-089-05	Cap Screw 1/4-20 x 1 1/4 Hex Socket Hd.	1
36	NS-031-20	Stop Nut 1/4-20 Hex	1
37	00-047847	Plate – Knife Channel	1
38	NS-009-22	Nut 10-24 Hex.....	1
39	00-044202	Roller – Knife Latch	1
40	00-175861	Brace – Cross	2
41	SC-123-74	Mach. Screw 8-32 x 5/8 Phil. Pan Hd.	5
42	WL-013-08	Lockwasher #8 Internal Shakeproof	5
43	00-044458	Spring – Curtain.....	2
44	00-049044	Hook – Curtain Spring	2
	00-048635	Bar Assy. – Knife Roller (Incls. Items 25, 26, 38, & 39)	1



KNIFE AND PULLDOWN ASSEMBLY (WITH CURTAIN)

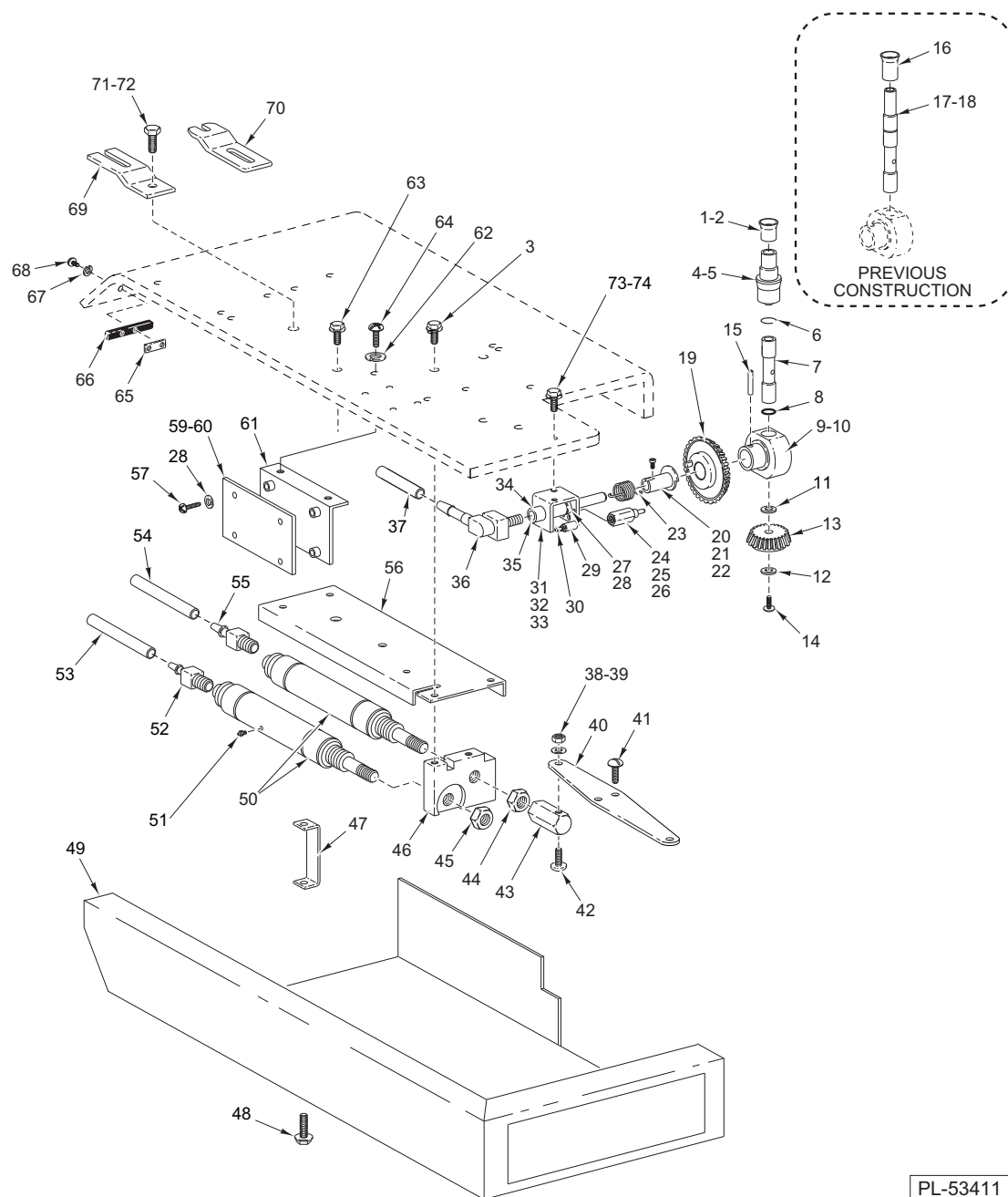
ILLUS.	PART NO.	NAME OF PART	AMT.
PL-53196			
1	SC-110-31	Mach. Screw 10-24 x 3/4 Hex Hd.	2
2	WL-004-40	Lockwasher #10 Medium	2
3	00-440365	Spacer – Knife Guard	2
4	00-044169	Knife	1
5	00-044232	Roller – Film Curtain	1
6	SC-040-61	Cap Screw 8-32 x 3/8 Hex Socket Hd.	4
7	SC-089-02	Cap Screw 1/4-20 x 3/4 Socket Fil. Hd.	2
8	WL-003-38	Lockwasher 1/4 Medium	2
9	00-044044	Spacer – Knife Slide Bar	2
10	00-175837	Rail – Guide	4
11	00-184118	Slide Bar Mount Assy. (Incls. Sleeve Bearing)	2
12	00-175857	Block & Bearing Assy.	2
13	SC-024-07	Mach. Screw 1/4-20 x 2 Phil. Pan Hd.	2
14	NS-013-02	Nut 1/4-20 Hex	2
15	SC-093-21	Mach. Screw 10-32 x 3/8 Pan Hd. (SST)	4

KNIFE AND PULLDOWN ASSEMBLY (WITH CURTAIN) (CONT.)

ILLUS. PL-53196	PART NO.	NAME OF PART	AMT.
16	SC-110-12	Cap Screw 1/4-20 x 5/8 Hex Hd.....	4
17	WL-003-38	Lockwasher 1/4 Medium.....	4
18	SC-014-63	Mach. Screw 1/4-20 x 1 3/8 Flat Hd.....	2
19	00-175860	Slide – Knife & Pulldown.....	2
20	SC-118-17	Cap Screw 1/4-20 x 1 1/4 Hex Hd.....	2
21	WS-017-25	Washer.....	2
22	NS-047-86	Stop Nut 1/4-20 Hex.....	2
23	SC-014-64	Mach. Screw 1/4-20 x 5/8 Flat Hd.....	2
24	NS-047-86	Stop Nut 1/4-20 Hex.....	2
25	00-049043	Spring Assy. – Pull Down.....	2
26	00-175861	Brace – Cross.....	2
27	00-175855	Roller – Pull Bar.....	1
28	00-175835	Roller – Stationary.....	2
**29	SC-112-88	Mach. Screw 1/4-20 x 2 1/4 Hex Hd.....	1
30	WL-003-38	Lockwasher 1/4 Medium.....	1
31	NS-031-20	Stop Nut 1/4-20 Hex.....	1
**32	SC-118-15	Cap Screw 1/4-20 x 1 3/4 Hex Hd.....	1
33	WL-003-38	Lockwasher 1/4 Medium.....	1
34	NS-031-20	Stop Nut 1/4-20 Hex.....	1
35	00-175849	Guide – Pull Bar.....	2
36	00-175850	Spacer – Knife Bar.....	1
37	00-175851	Spacer – Pull Bar.....	1
38	00-044156	Block – Chain Connection.....	1
39	SC-100-08	Mach. Screw 1/4-20 x 3/8 Hex Washer Hd., “Whiz-Loc”.....	2
40	00-044168	Pulldown Bar Assy.....	1
41	00-044218	Knife Latch Assy.....	1
42	RR-009-09	Retaining Ring.....	4
43	00-047413	Link – Solenoid.....	1
44	00-044896	Pin – Knife Link.....	1
45	RR-006-10	Retaining Ring.....	2
46	00-442413	Pin – Knife Latch.....	1
47	RR-006-12	Retaining Ring.....	2
48	SC-040-01	Cap Screw 10-32 x 3/8 Hex Socket Hd.....	4
49	WL-004-40	Lockwasher #10 Medium.....	4
50	00-049328	Solenoid Assy. – Knife Latch (Includes Cable & Strain Relief).....	1
51	00-044668	Bushing – Spring.....	1
52	00-044200	Spring – Latch Return.....	1
53	00-044211	Knife Solenoid Plate Assy.....	1
54	00-044214	Shaft – Latch.....	1
55	WL-003-38	Lockwasher 1/4 Medium.....	1
56	NS-031-20	Stop Nut 1/4-20 Hex.....	1
57	SC-118-15	Cap Screw 1/4-20 x 1 3/4 Hex Hd.....	2
58	WL-003-38	Lockwasher 1/4 Medium.....	2
**59	SC-118-15	Cap Screw 1/4-20 x 1 3/4 Hex Hd.....	1
60	WL-003-38	Lockwasher 1/4 Medium.....	2
61	SC-092-31	Cap Screw 1/4-20 x 1 1/2 Socket Fil. Hd.....	2
62	00-044179	Spacer – Knife Frame Lower.....	2
63	00-044178	Spacer – Knife Frame Top.....	2
64	00-044173	Knife Frame Assy.....	1
65	00-044158	Block – Roller Polymer.....	2
66	00-044167	Guard – Knife Rear.....	1
67	00-047967	Bearing.....	2
68	00-440521	Shaft – Knife Guard.....	1
69	00-440519	Bracket (RH).....	1
70	00-440520	Bracket (LH).....	1
71	SC-040-61	Cap Screw 8-32 x 3/8 Hex Socket Hd.....	4
72	SC-121-24	Mach. Screw 8-32 x 5/8 Flat Hd.....	1
73	00-440366	Spacer – Knife Center.....	1
74	00-044159	Bracket – Curtain.....	2
	00-046885	Latch Assy. – Knife (Includes Items 41 thru 54).....	1

★ See PL-53195 for additional parts.

** Note: Bolt Head This Side Only.



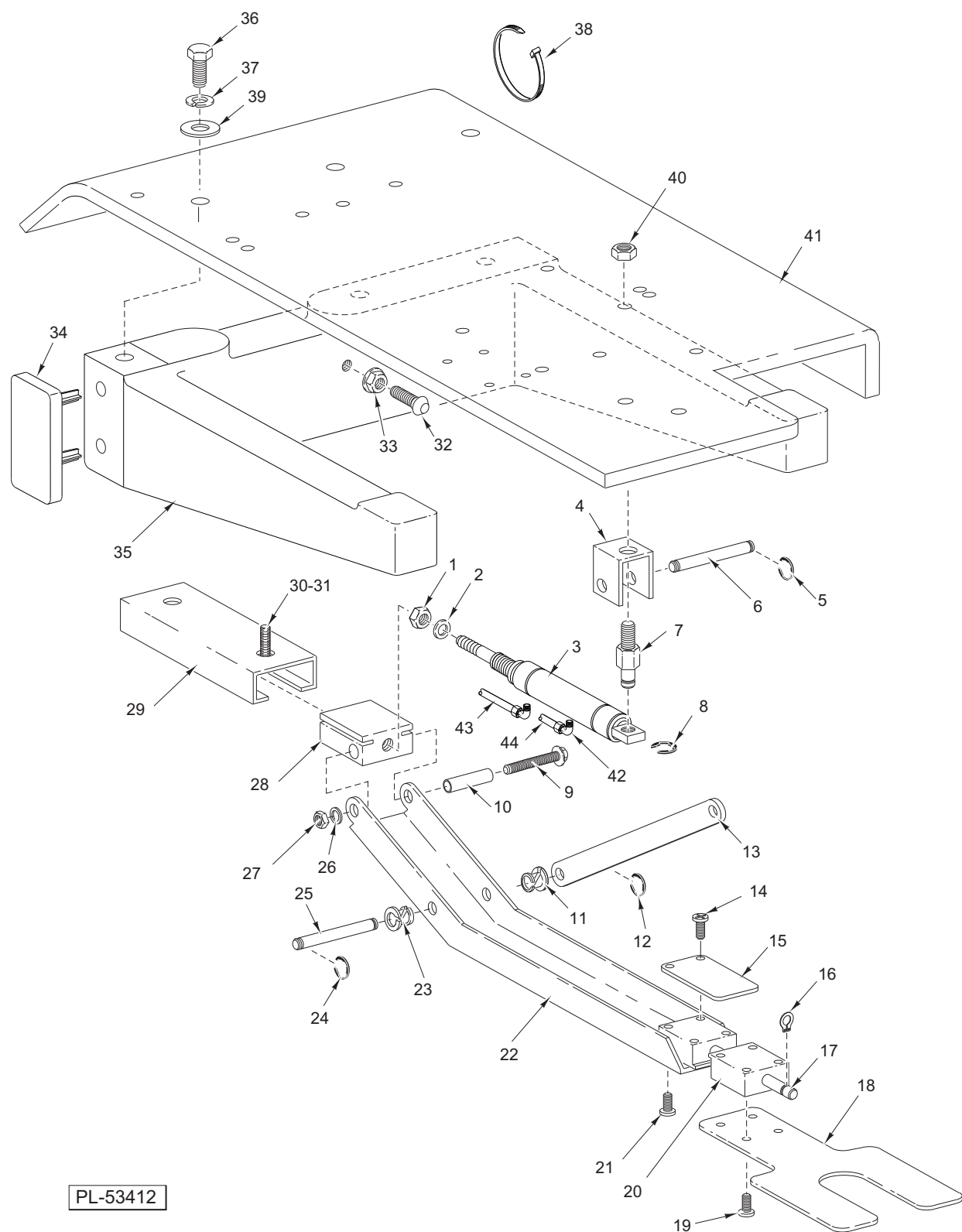
PL-53411

WAND ASSEMBLY (ML-44173, ML-44174, ML-44202, & ML-44203)

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-53411			
1	00-441537	Wand Tip – Flared (Ultima Printer)	1
2	00-443494	Cup – Short Wand (Access Printer)	1
3	SC-123-92	Mach. Screw 1/4-20 x 5/8 Hex Washer Hd. "Whiz-Lock"	2
4	00-441525	Wand Assy. – Pop-up (Incls. Item 1)	1
5	00-443583	Sleeve – Bearing (Used With Item 2)	1
6	RR-004-05	Retaining Ring	1
7	00-441496	Tube Assy. – Swing (Incls. Items 6 & 8)	1
8	00-441580-00002	O-Ring	1
9	00-042504	Bearing – Tube	2
10	00-042508	Shaft – Wand	1
11	WS-030-58	Washer	AR
12	WS-017-32	Washer	AR

WAND ASSEMBLY (ML-44173, ML-44174, ML-44202, & ML-44203)

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-53411			
13	00-041681	Pinion.....	1
14	SC-053-15	Mach. Screw $\frac{5}{16}$ -18 x $\frac{1}{2}$ Truss Hd. (SST).....	1
15	PS-005-15	Spiral Pin $\frac{1}{8}$ Dia. x $\frac{5}{8}$ Lg.....	1
16	00-042592	Cap – Vacuum Tube (Large) (Previous Construction).....	1
17	00-041856	Tube – Swing (Previous Construction).....	1
18	RR-011-05	Retaining Ring (Previous Construction).....	1
19	00-041680	Gear.....	1
20	00-041694	Sleeve – Spring.....	1
21	SC-120-37	Cap Screw 6-32 x $\frac{3}{8}$ Hex Socket Hd.....	1
22	WL-008-01	Lockwasher #6 Internal Shakeproof.....	1
23	00-041713	Spring – Ring Gear.....	1
24	00-041857	Housing – Plunger.....	3
25	00-042684	Spring – Plunger.....	3
26	00-042942	Pin – Plunger.....	3
27	00-042755	Bearing – Tube.....	1
28	00-042753	Drum – Belt.....	1
29	00-042556	Solenoid/Connector Assy.....	3
30	00-042859	Bumper – Rubber.....	3
31	00-041854	Bracket – Arm Pivot.....	1
32	RR-011-08	Retaining Ring.....	3
33	00-043033	Spacer – Solenoid.....	1
34	00-441579	Bearing – Tube End (Incls.Item 35).....	1
35	00-441580-00001	O-Ring.....	1
36	00-041719	Fitting – Elbow.....	1
37	00-042544-00003	Tubing – Vinyl (78") (White).....	1
38	WS-023-22	Washer.....	2
39	NS-031-07	Stop Nut 8-32 Hex.....	2
40	00-042842	Belt – Wand Drive.....	1
41	SC-018-29	Mach. Screw 6-32 x $\frac{3}{8}$ Phil. Pan Hd.....	2
42	SC-018-37	Mach. Screw 8-32 x $\frac{3}{4}$ Phil. Pan Hd.....	2
43	00-042752	Nut – Belt Drive.....	2
44	NS-018-10	Jam Nut $\frac{5}{16}$ -24 Hex.....	2
45	NS-017-41	Jam Nut $\frac{5}{8}$ -18 Hex.....	1
46	00-048091	Block – Cylinder Mounting.....	1
47	00-042760	Spacer – Cover.....	1
48	SC-123-92	Mach. Screw $\frac{1}{4}$ -20 x $\frac{5}{8}$ Hex Washer Hd., "Whiz-Lock".....	1
49	00-043915-00001	Cover Assy. – Printer Plate.....	1
50	00-044351	Cylinder – Air.....	2
51	00-442965	Valve – Adjustable.....	1
52	00-048031	Fitting – Barb ($\frac{1}{16}$ I.D. Hose).....	1
53	00-048032-00001	Tubing – Vinyl (70") (Clear).....	1
54	00-042541-00005	Tubing – Vinyl (70") (Clear).....	1
55	00-041720	Fitting – Straight $\frac{1}{4}$ ".....	1
56	00-041842	Plate – Support.....	1
57	SC-018-31	Mach. Screw 8-32 x $\frac{3}{8}$ Phil. Pan Hd.....	4
58	WL-008-07	Lockwasher #8 Internal Shakeproof.....	4
59	00-042306	Board Assy. – Solenoid Drive.....	1
60	00-046989	Harnais – Solenoid Driver.....	1
61	00-442784	Bracket – Solenoid Drive Board.....	1
62	WL-008-07	Lockwasher #8 Internal Shakeproof.....	2
63	SC-123-92	Mach. Screw $\frac{1}{4}$ -20 x $\frac{5}{8}$ Hex Washer Hd., "Whiz-Lock".....	1
64	SC-018-31	Mach. Screw 8-32 x $\frac{3}{8}$ Phil. Pan Hd.....	2
65	00-042521	Plate – Nut.....	2
66	00-043829-00001	Sensor – Photo Transistor Assy. (Receiver).....	2
67	WL-003-09	Lockwasher #6 Medium.....	4
68	SC-119-51	Mach. Screw 6-32 x 1 Pan Hd.....	4
69	00-041752	Retainer.....	2
70	00-442995	Retainer – Foot (Access Printer).....	2
71	SC-123-92	Mach. Screw $\frac{1}{4}$ -20 x $\frac{5}{8}$ Hex Washer Hd., "Whiz-Lock".....	2
72	NS-038-04	Lock Nut $\frac{1}{4}$ -20 Hex.....	2
73	SC-123-92	Mach. Screw $\frac{1}{4}$ -20 x $\frac{5}{8}$ Hex Washer Hd. "Whiz-Lock".....	2
74	NS-038-04	Lock Nut $\frac{1}{4}$ -20 Hex.....	2
	00-042558-00001	Conduit.....	AR
	00-442994	Kit – Needle Valve.....	1
	00-044336	Collar – Ground Foot.....	1

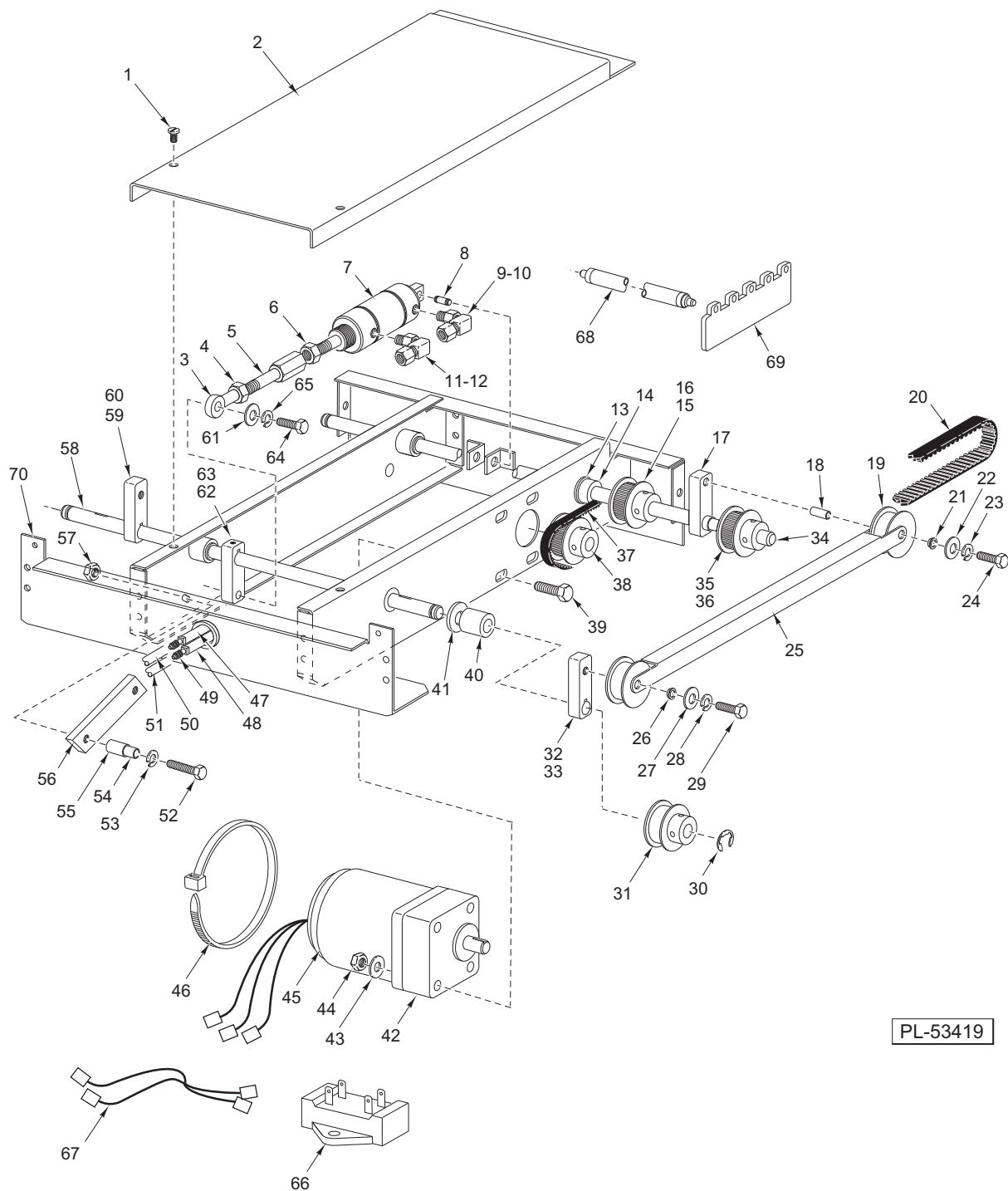


PL-53412

ARM AND HAND UNIT (ML-44173, ML-44174, ML-44202, & ML-44203)

ARM AND HAND UNIT (ML-44173, ML-44174, ML-44202, & ML-44203)

ILLUS. PL-53412	PART NO.	NAME OF PART	AMT.
1	NS-017-60	Jam Nut 1/4-28 Hex.....	1
2	00-440756	Washer – Rubber.....	1
3	00-044349	Cylinder – Air	1
4	00-041848	Bracket – Arm Pivot	1
5	RR-011-04	Retaining Ring	2
6	00-041850	Pin – Upper Pivot.....	2
7	00-443767	Pivot – Cylinder.....	1
8	RR-011-04	Retaining Ring	1
9	SC-081-44	Mach. Screw 10-32 x 1 1/2 Rd. Hd.	1
10	00-041853	Spacer – Arm Pivot.....	1
11	00-175560	Bushing – Nyliner.....	2
12	RR-011-04	Retaining Ring	1
13	00-049971	Pivot – Bar Slide	2
14	SD-007-13	Self-Tapping Screw 6-20 x 1/4 Phil. Pan Hd., Type B	2
15	00-042120	Spring – Applier	1
16	RR-011-04	Retaining Ring	2
17	00-042114	Pin – Applier.....	1
18	00-042074	Label Applier	1
19	SD-007-13	Self-Tapping Screw 6-20 x 1/4 Phil. Pan Hd., Type B	4
20	00-042076	Block – Pin.....	2
21	SD-007-13	Self-Tapping Screw 6-20 x 1/4 Phil. Pan Hd., Type B	4
22	00-042073	Arm – Label Applier	1
23	00-175560	Bushing – Nyliner.....	2
24	RR-011-04	Retaining Ring	1
25	00-041850	Pin – Upper Pivot.....	1
26	WL-007-12	Lockwasher #10 External Shakeproof	2
27	NS-009-30	Nut 10-32 Hex.....	1
28	00-048092	Block – Slide	1
29	00-041845	Support – Slide	1
30	SC-123-92	Mach. Screw 1/4-20 x 5/8 Hex Washer Hd., “Whiz-Lock”	2
31	NS-038-04	Lock Nut 1/4 -20 Hex	2
32	00-443742	Bumper – Cylinder Stop.....	1
33	NS-038-04	Lock Nut 1/4 -20 Hex	1
34	00-440086	Plug.....	1
35	00-048299	Support – Printer Plate	1
36	SC-117-92	Cap Screw 5/16-18 x 3/4 Hex Hd.	3
37	WL-003-47	Lockwasher 5/16 Medium.....	3
38	00-255502	Tie – Cable Locking	1
39	WS-017-16	Washer.....	3
40	NS-038-04	Lock Nut 1/4 -20 Hex	1
41	00-048550	Plate – Printer	1
42	00-041719	Fitting – Elbow	2
43	00-042543-00007	Tubing – Vinyl (82”) (Red).....	1
44	00-042542-00005	Tubing – Vinyl (82”) (Blue).....	1
	00-042441	Arm & Hand Assy. (Incls. Items 14 thru 22)	1

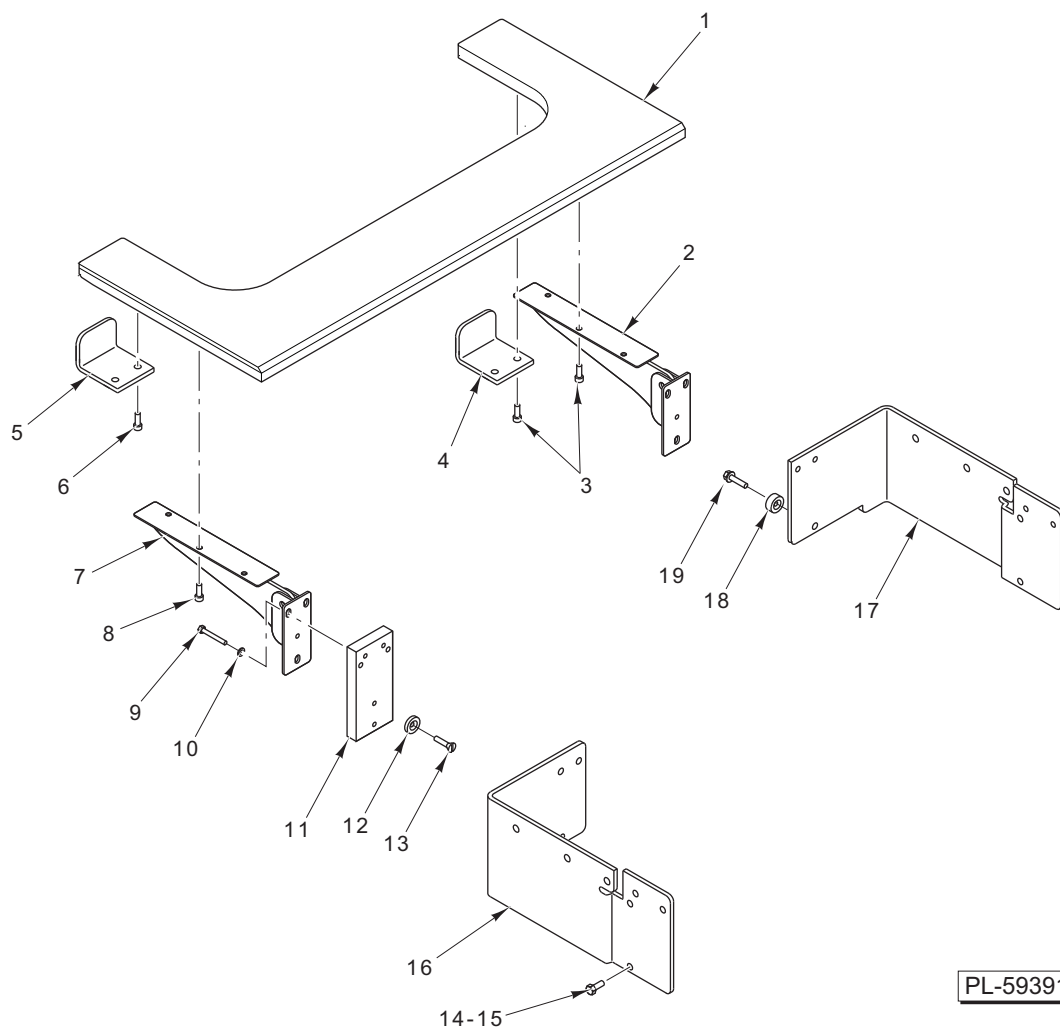


DRIVE ROLLER UNIT (ML-44173, ML-44174, ML-44202, & ML-44203)

ILLUS. PL-53419	PART NO.	NAME OF PART	AMT.
1	SC-053-05	Mach. Screw 10-24 x 3/8 Slotted Truss Hd.	2
2	00-047897	Cover – Motor	1
3	00-084741	Rod – End (Female)	1
4	NS-013-08	Nut 1/4-28 Hex (LH Thread)	1
5	00-047888	Link – Cylinder Adjuster	1
6	NS-018-10	Jam Nut 5/16-24 Hex.....	1

DRIVE ROLLER UNIT (ML-44173, ML-44174, ML-44202, & ML-44203) (CONT.)

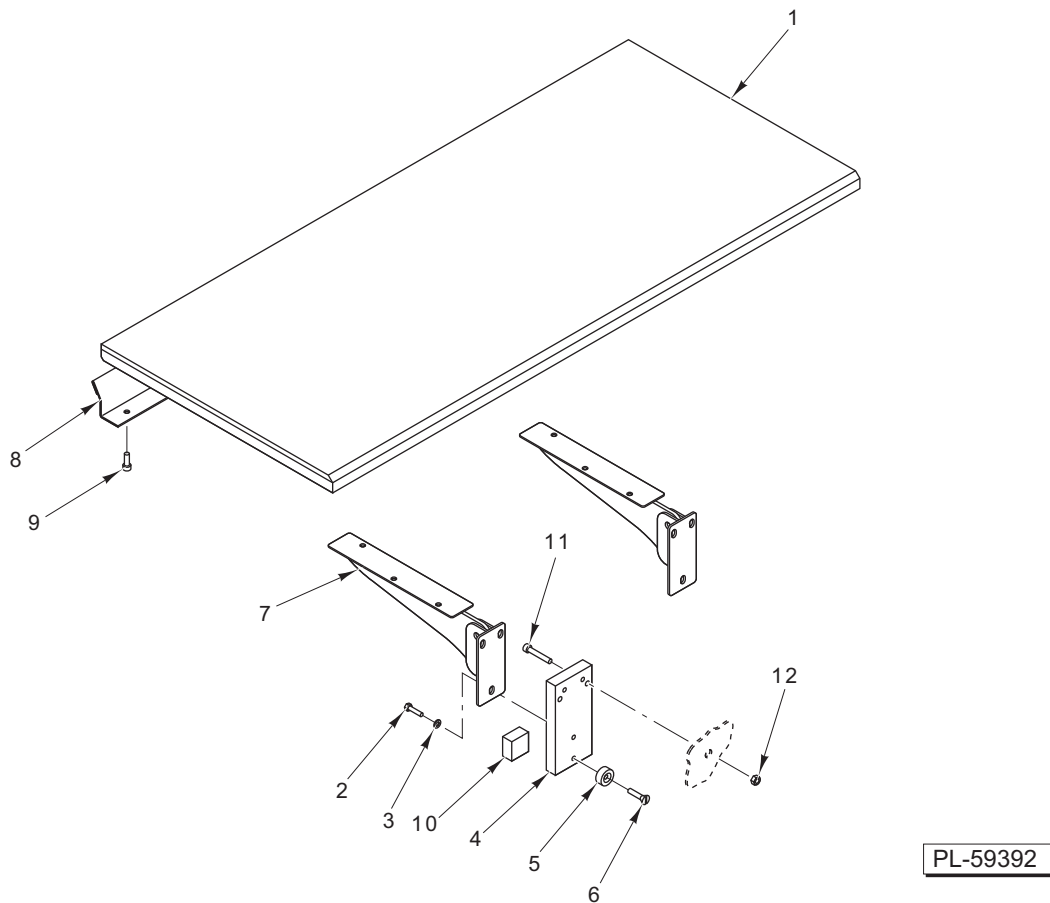
ILLUS. PL-53419	PART NO.	NAME OF PART	AMT.
7	00-047966	Cylinder.....	1
8	00-440173-00001	Pin – Clevis.....	1
9	00-041719	Fitting – Elbow.....	2
10	00-042543-00005	Tubing – Vinyl (36") (Red).....	1
11	00-041719	Fitting – Elbow.....	2
12	00-042542-00001	Tubing – Vinyl (13") (Blue).....	1
13	00-047965	Washer – Thrust.....	3
14	00-047979	Spacer – Rear Shaft.....	1
15	00-047887	Pulley – Timing 3mm HTD Pitch.....	2
16	SC-122-35	Set Screw 8-32 x 1/4 Hds. Cup Pt.....	4
17	00-047882	Pivot – Roller Drive Rear.....	2
18	00-047949	Spacer – Pulley.....	4
19	00-047948	Pulley – Idler Timing Belt.....	2
20	00-047947	Belt – Timing (188T).....	2
21	00-047967	Bearing – Nyliner 3/8 Dia.....	8
22	WS-017-25	Washer.....	8
23	WL-003-38	Lockwasher 1/4 Medium.....	8
24	SC-118-15	Cap Screw 1/4-20 x 1 3/4 Hex Hd.....	4
25	00-047941	Support – Roller Drive Belt.....	2
26	00-047967	Bearing – Nyliner 3/8 Dia.....	8
27	WS-017-25	Washer.....	8
28	WL-003-38	Lockwasher 1/4 Medium.....	8
29	SC-118-15	Cap Screw 1/4-20 x 1 3/4 Hex Hd.....	4
30	RR-004-05	Retaining Ring.....	2
31	00-047944	Pulley Assy. – Front Shaft.....	2
32	00-047881	Pivot – Roller Drive Front.....	2
33	KW-003-03	Key – Woodruff 1/8 x 1/2 Lg.....	1
34	00-047942	Shaft – Rear.....	1
35	00-047887	Pulley – Timing 3mm HTD Pitch.....	1
36	SC-122-35	Set Screw 8-32 x 1/4 Hds. Cup Pt.....	2
37	00-048043	Belt – Timing (Motor).....	1
38	00-047889	Pulley – Timing 3mm HTD Pitch.....	1
39	SC-122-43	Cap Screw 10-24 x 2 Hex Hd.....	4
40	00-047943	Spacer – Front Shaft.....	1
41	00-047965	Washer – Thrust.....	2
42	00-440498	Gearhead.....	1
43	WS-023-20	Washer.....	4
44	NS-038-13	Nut – Lock 10-24 Hex Special.....	4
45	00-048237	Motor Assy. (Incls. Item 66).....	1
46	00-046918	Tie – Cable.....	1
47	00-042543-00005	Tubing – Vinyl (15") (Red).....	1
48	00-042542-00001	Tubing – Vinyl (13") (Blue).....	1
49	00-048101	Fitting – Barbed Connector.....	2
50	00-042543-00006	Tubing – Vinyl (58") (Red).....	1
51	00-042542-00004	Tubing – Vinyl (57") (Blue).....	1
52	SC-118-98	Cap Screw 1/4-20 x 2 Hex Hd.....	2
53	WL-003-38	Lockwasher 1/4 Medium.....	2
54	00-047921	Spacer – Cylinder Stop.....	2
55	00-047922	Tubing – Damper.....	2
56	00-047923	Plate – Cylinder Stop.....	1
57	NS-038-04	Nut – Lock Special 1/4-20.....	2
58	00-047940	Shaft – Front.....	1
59	00-047881	Pivot – Roller Drive Front.....	2
60	KW-003-03	Key – Woodruff 1/8 x 1/2 Lg.....	1
61	WS-017-25	Washer.....	1
62	00-047885	Actuator – Roller Position.....	1
63	KW-003-03	Key – Woodruff 1/8 x 1/2 Lg.....	1
64	SC-117-91	Cap Screw 1/4-20 x 1 Hex Hd.....	1
65	WL-003-38	Lockwasher 1/4 Medium.....	1
66	-	Capacitor (Included With Item 45).....	1
67	00-046983	Cable Assy.....	1
68	00-047970	Roller Assy.....	5
69	00-441043	Support – Roller.....	2
70	00-047856	Frame Assy. – Roller Drive.....	1



PL-59391

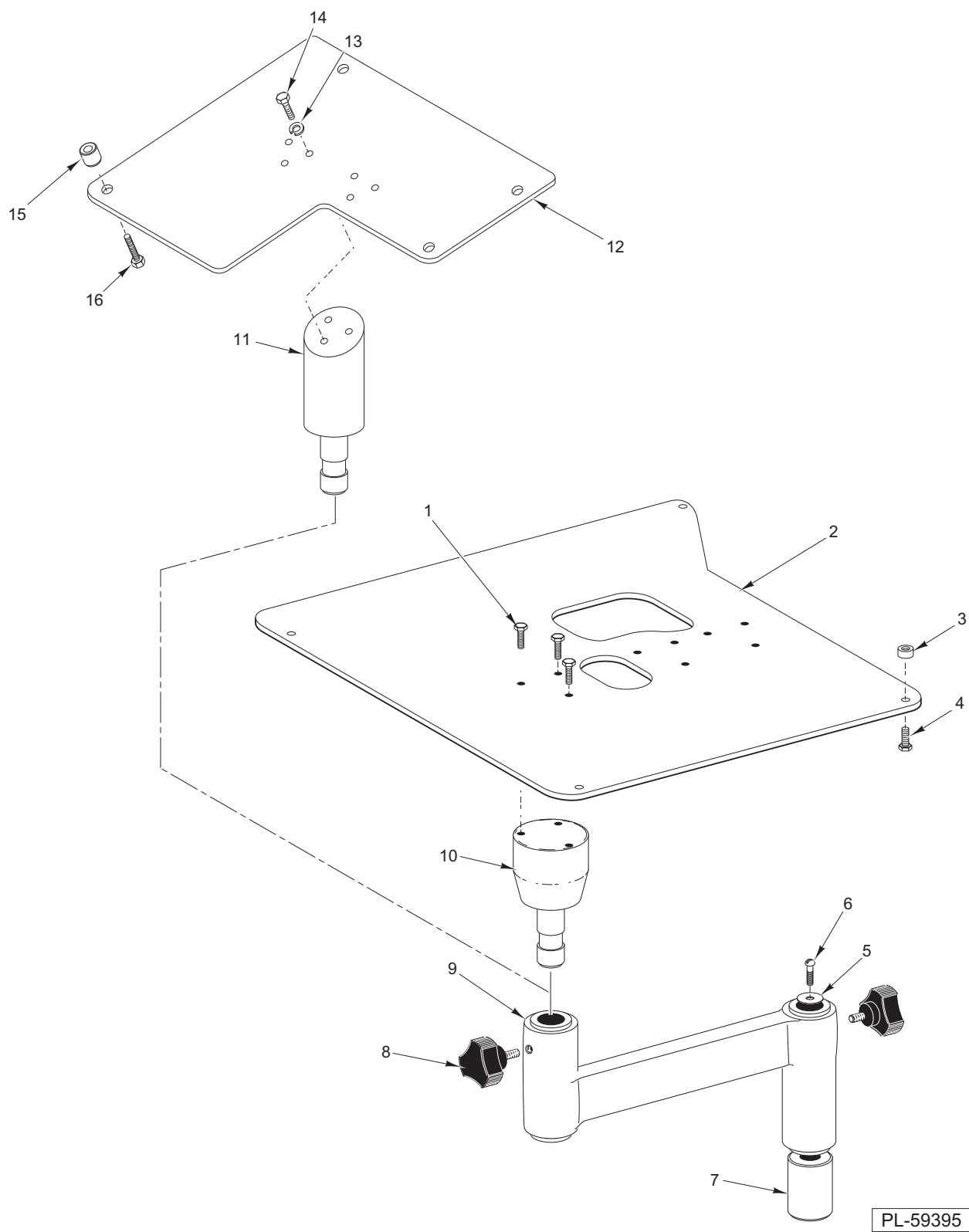
FRONT SHELF KIT (OPTIONAL)

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-59391			
1	00-047009	Shelf – Platter Assy. (Incls. Items 2 thru 8)	1
2	00-184132	Hinge – Shelf	1
3	SC-039-14	Cap Screw $\frac{5}{16}$ -18 x 1 Slotted Flat Hd.	5
4	00-047014	Guard – Shelf Edge	1
5	00-047014	Guard – Shelf Edge	1
6	SC-039-14	Cap Screw $\frac{5}{16}$ -18 x 1 Slotted Flat Hd.	2
7	00-184132	Hinge – Shelf	1
8	SC-039-14	Cap Screw $\frac{5}{16}$ -18 x 1 Slotted Flat Hd.	3
9	SC-124-51	Cap Screw 10-24 x 2 $\frac{1}{4}$ Hex Socket Hd.	4
10	WS-019-06	Washer.....	6
11	00-047003	Block – Hinge Mounting	2
12	00-184135	Spacer – Hinge Block	2
13	SC-022-19	Mach. Screw 10-24 x $\frac{1}{2}$ Flat Hd.	2
14	SC-067-07	Mach. Screw 10-24 x $\frac{1}{2}$ Hex Hd. (SST)	3
15	WL-006-07	Lockwasher #10 Helical.....	4
16	00-047844	Bracket (RH)	1
17	00-047843	Bracket (LH).....	1
18	00-047004	Pad – Support Assy.....	2
19	SC-123-92	Mach. Screw $\frac{1}{4}$ -20 x $\frac{5}{8}$ Hex Washer Hd.	2
	00-047005	Kit – Front Shelf (Incls. Items 1 thru 15)	1
	SC-075-42	Set Screw 10-32 x $\frac{1}{4}$ Hex Hdls., Cup Pt. (Included With Item 7)	2



SIDE SHELF KIT (OPTIONAL)

ILLUS.	PART NO.	NAME OF PART	AMT.
	PL-59392		
1	00-440960	Shelf – Platter Assy. (Incls. Items 7, 8, & 9)	1
2	SC-067-07	Mach. Screw 10-24 x 1/2 Hex Hd. (SST)	6
3	WS-019-06	Washer.....	6
4	00-184134	Block – Hinge Mounting.....	2
5	00-184135	Spacer – Hinge Block	2
6	SC-022-19	Mach. Screw 10-24 x 1/2 Flat Hd.	2
7	00-184132	Hinge – Shelf	2
8	00-440728	Guard – Shelf Edge	1
9	SD-039-14	Self-Tapping Screw 10-16 x 1/2 Hex Washer Hd., Type AB	11
10	00-334738	Pad – Support Assy.....	2
11	SC-124-51	Cap Screw 10-24 x 2 1/4 Hex Socket Hd.	4
12	NS-038-13	Lock Nut 10-24 Hex	4
	00-184138	Kit – Side Shelf (Incls. Items 1 thru 12)	1
	SC-075-42	Set Screw 10-32 x 1/4 Hex Hdls., Cup Pt. (Included With Item 7)	2

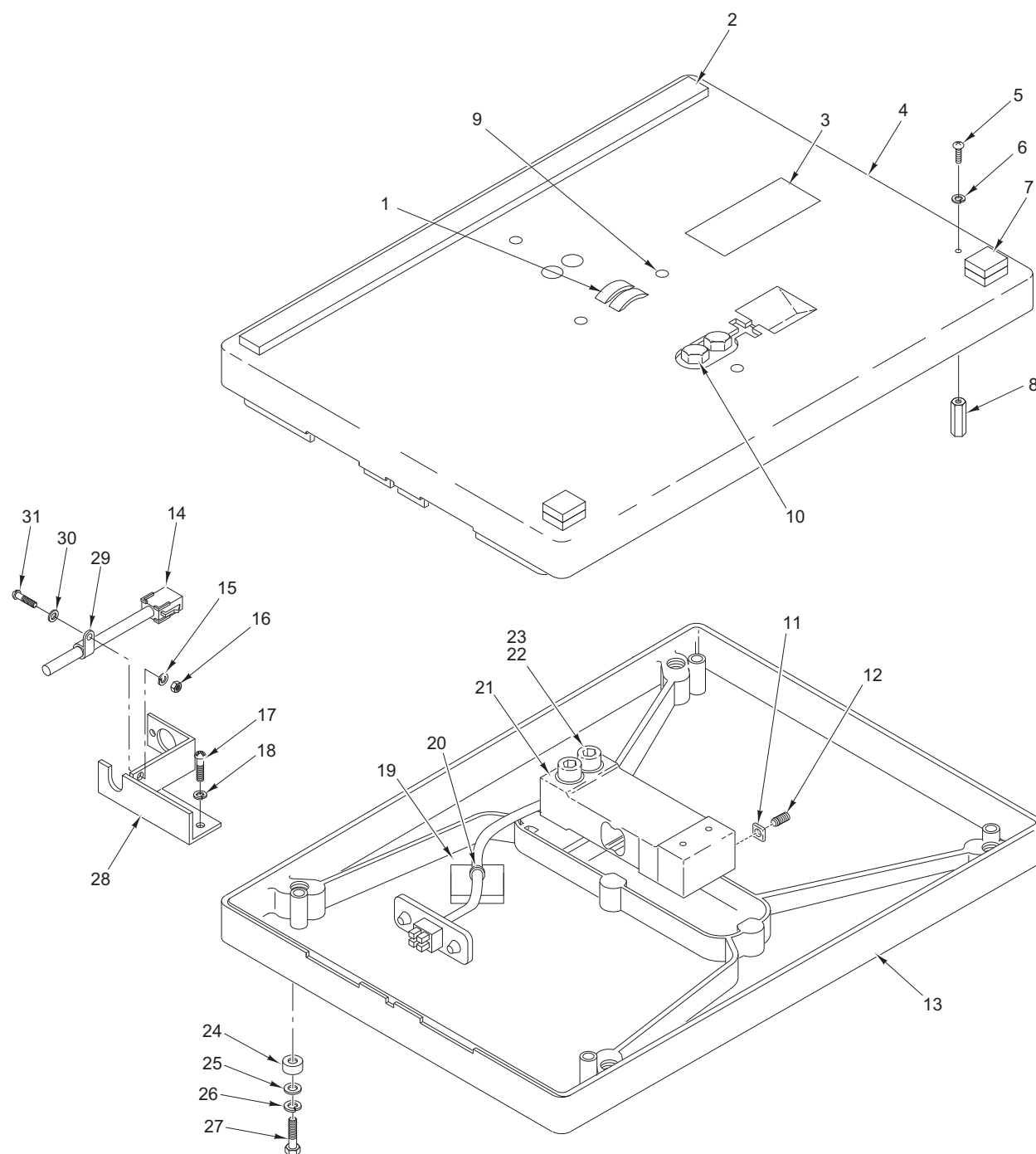


PL-59395

PRINTER SUPPORT (ML-44193 & ML-44198)

PRINTER SUPPORT (ML-44193 & ML-44198)

ILLUS. PL-59395	PART NO.	NAME OF PART	AMT.
1	SC-123-92	Mach. Screw $\frac{1}{4}$ -20 x $\frac{5}{8}$ Hex Washer Hd. (ML-44193).....	3
2	00-044821	Plate – Printer Mount (ML-44193)	1
3	00-333750	Spacer – Printer (ML-44193)	4
4	SC-121-62	Mach. Screw $\frac{1}{4}$ -20 x 1 Hex Washer Hd. (ML-44193)	4
5	00-049346	Shield – Post Bearing	1
6	SC-053-41	Mach. Screw $\frac{1}{4}$ -20 x $\frac{1}{2}$ Truss Hd. (SST).....	1
7	00-048269	Spacer – Pivot Arm	1
8	00-183538	Knob – Film Centering	2
9	00-043420	Arm Assy. – Printer Pivot	1
10	00-044829	Stud Assy. – Printer Pivot (ML-44193)	1
11	00-042570	Pivot Assy. – Printer (ML-44198)	1
12	00-042571	Plate – Printer Mount (ML-44198)	1
13	WL-008-13	Lockwasher #10 Internal (ML-44198)	3
14	SC-068-33	Mach. Screw 10-32 x $\frac{1}{2}$ Hex Hd. (ML-44198)	3
15	00-333750	Spacer – Printer (ML-44198)	4
16	SC-121-62	Mach. Screw $\frac{1}{4}$ -20 x 1 Hex Washer Hd. (ML-44198)	4

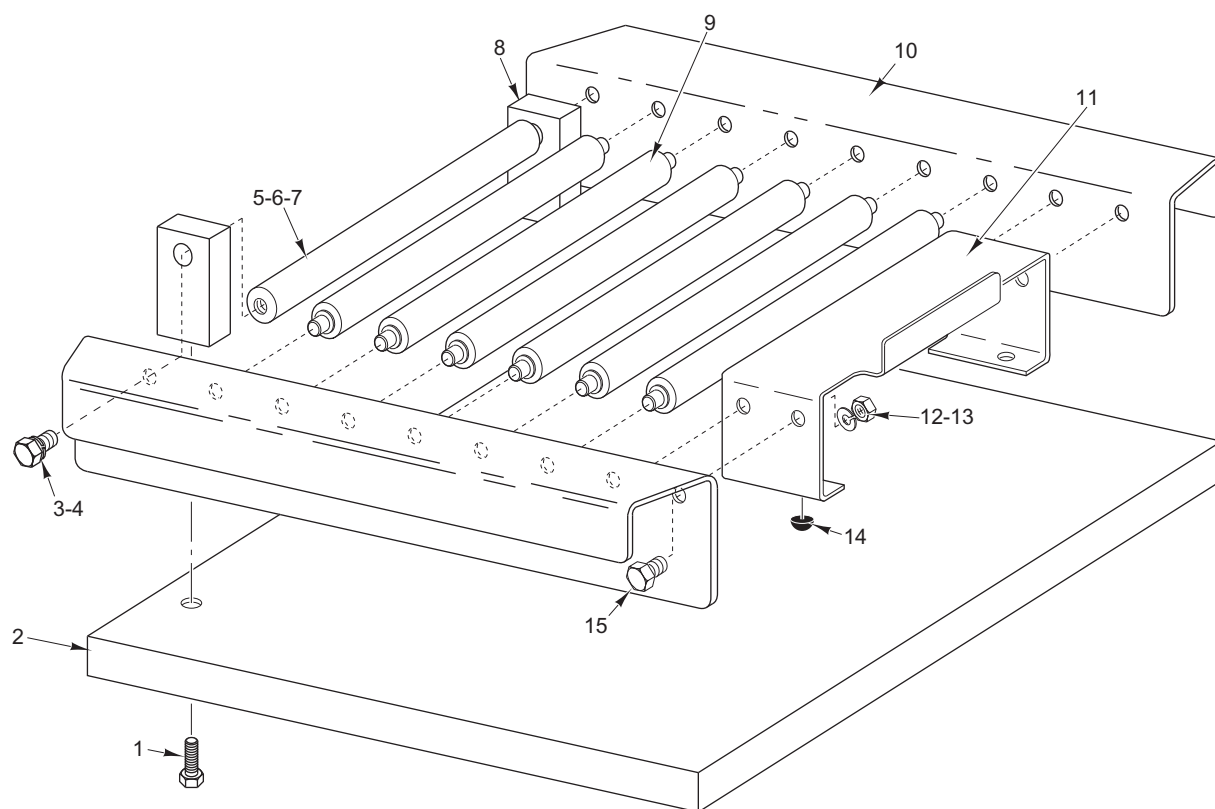


PL-59394

SCALE UNIT (ML-44193)

SCALE UNIT (ML-44193)

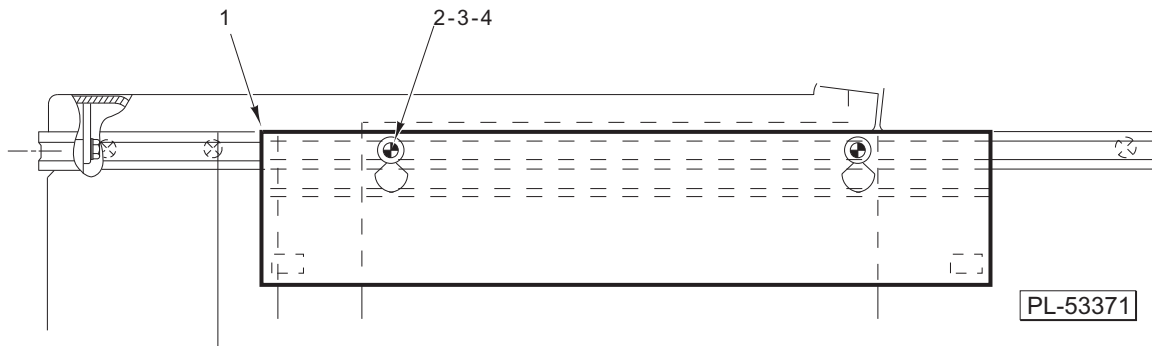
ILLUS.	PART NO.	NAME OF PART	AMT.
PL-59394			
1	00-259515	Contact – Finger 6" - 16 Pcs.....	2
2	00-183947	Pad – Platter (12½ In.)	1
3	00-442984	Label – Capacity	1
4	00-041908	Support – Platter	1
5	SC-113-08	Mach. Screw 10-32 x ½ Phil. Pan Hd.....	4
6	WL-004-40	Lockwasher #10 Helical	4
7	00-259185	Pad – Platter	8
8	00-441780	Stop – Loadcell	4
9	SC-123-20	Set Screw 10-32 x ⅜ Hex Hdls.....	4
10	SC-110-12	Cap Screw ¼-20 x ⅝ Hex Hd.....	2
11	NS-046-58	Nut 10-32 Square	1
12	SC-123-20	Set Screw 10-32 x ⅜ Hex Hdls.....	2
13	00-041909	Base Assy.	1
14	00-441656	Cable – Scale	1
15	WL-003-12	Lockwasher #8 Medium	1
16	NS-009-12	Nut 8-32 Hex.....	1
17	SC-018-31	Mach. Screw 8-32 x ⅜ Phil. Pan Hd.....	2
18	WL-003-12	Lockwasher #8 Medium.....	2
19	00-255503	Mount – Cable Tie.....	1
20	00-251199	Tie – Cable (4 In. Lg.)	1
21	00-044899	Load Cell Assy. (30 kg)	1
22	SC-120-70	Cap Screw ¼-20 x 1⅝ Hex Socket Hd.....	2
23	WL-003-39	Lockwasher ¼ Light.....	2
24	00-441128	Spacer – Scale Mount	4
25	WS-019-10	Washer.....	4
26	WL-004-40	Lockwasher #10 Helical	4
27	SC-067-09	Mach. Screw 10-32 x ⅝ Hex Hd	4
28	00-441657	Clamp – Cable	1
29	00-253363	Clamp	1
30	WS-019-41	Washer.....	1
31	SC-018-34	Mach. Screw 8-32 x ½ Phil. Pan Hd.....	1



PL-59393

PLATFORM ASSEMBLY (ML-44193 & ML-44198)

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-59393			
1	SC-022-32	Mach. Screw 1/4-20 x 1/2 Flat Hd.	2
2	00-183704	Platter	1
3	SC-118-20	Cap Screw 1/4-20 x 1/2 Hex Hd.	2
4	WL-003-38	Lockwasher 1/4 Medium	2
5	00-175927	Tube - Roller	1
6	00-175925	Shaft - Platform	1
7	00-175924	Bushing	2
8	00-175923	Pivot - Platform Support	2
9	00-445040	Roller Assy.	6
10	00-175926	Frame - Platform	2
11	00-175928	Bracket - Platform Stop	1
12	NS-013-02	Nut 1/4-20 Hex	4
13	WL-003-38	Lockwasher 1/4 Medium	4
14	00-254206	Bumper	2
15	SC-118-20	Cap Screw 1/4-20 x 1/2 Hex Hd.	4
	00-183915	Platform Assy. (Incls. Items 3 thru 15)	1
	00-442775	Cover - Conveyor Support (ML-44198)	1



SUPPLY HOLDER (OPTIONAL)

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-53371			
1	00-047367	Holder Assy. – Supplies	1
2	00-047567	Retainer – Holder.....	2
3	SC-018-74	Mach. Screw 10-24 x 3 Phil. Pan Hd.	2
4	NS-048-07	Lock Nut 10-24 Hex	2
	00-184350	Pad – Gripper	2

MISCELLANEOUS

ILLUS. PL-53365	PART NO.	NAME OF PART	AMT.
1	00-180029-00025	Lubrication & Container (Lubriplate FP-150L) (4 Oz.)	1
2	00-520228	Adhesive (Loctite 242)	1
3	00-542689	Tape – Plastic (3M #471 Red Vinyl) (36 Yard Roll)	1
4	00-333591	Card – Water Shield Instructions	1
5	00-441613	Shield – Water (Packaged)	1
6	00-522815	Adhesive (Loctite 271)	1
7	00-557540	Cleaner (Blue Shower II) (8 Oz.)	1
8	00-102714	Brush (Cleaning)	1
9	00-102973-00009	Lubricant (Duoprime Oil 90) (4 Oz.)	1
10	00-519504	Lubricant – Special (Thermo Joint Compound) (Size 250) (2 Oz.)	1
11	00-520478-00002	Lubricant – Grease (14 oz. Cartridge)	1
12	00-544003	Lubricant – Oil (Mobil SAE 20 Non-Detergent) (32 Oz.)	1
13	00-180029	Lubricant FP-150L (32oz)	1
14	00-102973-00029	Lubricant (Duoprime Oil 90) 16 Oz.	1
15	00-102973-00060	Lubricant (Duoprime Oil 90) 128 Oz.	1
16	00-102973-00084	Lubricant (Mobil HD 80W-90) 16 Oz. (Gearbox)	1
17	00-042070-00003	Cable Assy (8 Ft.) CPU2 to CPU1, Secondary Printer to Primary Printer	1
18	00-042070-00011	Cable Assy (6 Ft.) CPU2 to Printer	1
19	00-042070-00012	Cable Assy (12 Ft.) Weigher to Printer	1
20	00-042070-00013	Cable Assy (10 Ft.) CPU1 to Console	1
21	00-048547	Cable – Power UWS to Secondary CLA	1
22	00-043848	Cable – Communication CPU2 to Secondary CLA	1
23	00-334776	Pin Extraction Tool, Amp 305183	1