



CATALOG OF REPLACEMENT PARTS



HL800 & HL1400 SERIES LEGACY MIXERS

ML-134354	HL800
ML-134355	HL800C
ML-134334	HL1400
ML-134337	HL1400C
ML-134361	HL1400N

PRIOR MLS COVERED IN THIS MANUAL

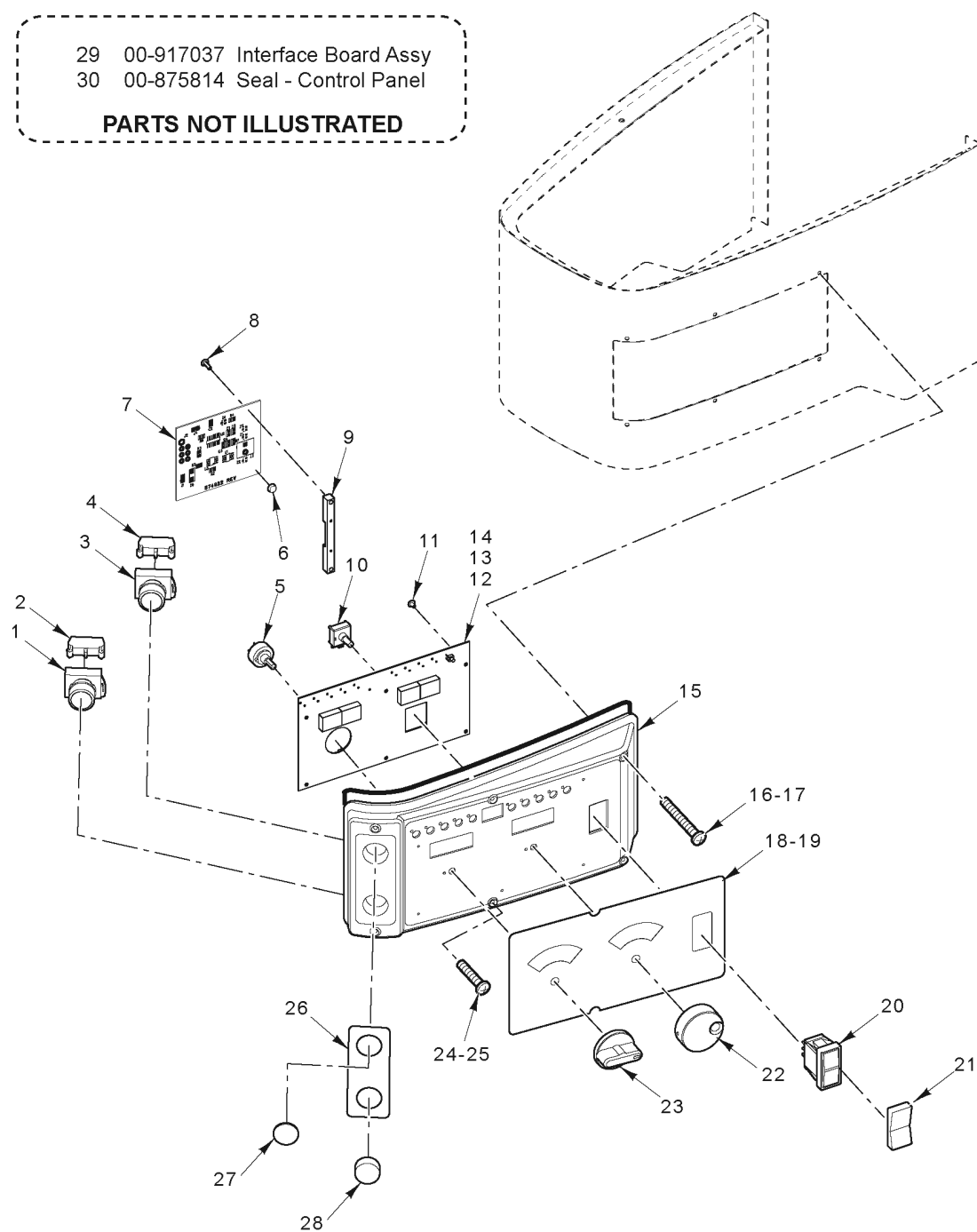
ML-134300	HL1400
ML-134306	HL800
ML-134322	HL800C

Table of Contents

5	CONTROL PANEL
7	ELECTRICAL COMPONENTS (HL1400 SERIES) (ML-134300,ML-134334,ML-134337,ML-134361)
9	ELECTRICAL COMPONENTS (HL800 SERIES) (ML-134306,ML-134322,ML-134354,ML-134355)
11	BASE AND PEDESTAL
13	BOWL SUPPORT (ALL MODELS EXCEPT ML-134361)
17	BOWL SUPPORT (ML-134361)
19	TRANSMISSION CASE AND MOTOR
21	TRANSMISSION
23	PLANETARY (HL800 SERIES) (ML-134306, ML-134322, ML-134354, & ML-134355)
25	PLANETARY (HL1400 SERIES) (ML-134300, ML-134334, ML-134337, & ML-134361)
29	BOWL GUARD
31	AGITATORS AND ACCESSORIES (40 & 60 QUART)
33	AGITATORS AND ACCESSORIES (80 & 140 QUART)
35	BOWL AND EXTENSIONS

- 29 00-917037 Interface Board Assy
30 00-875814 Seal - Control Panel

PARTS NOT ILLUSTRATED

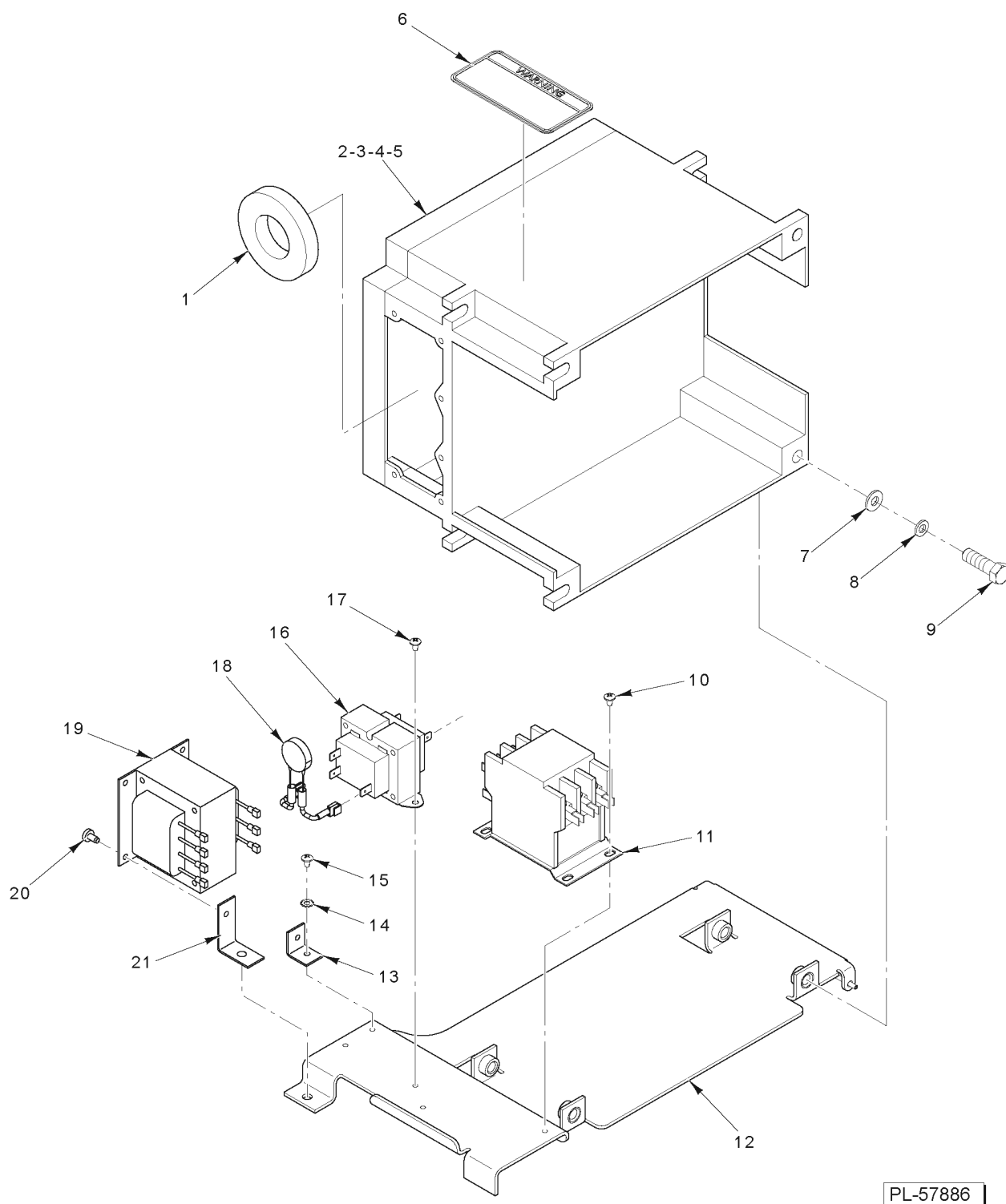


PL-58270

CONTROL PANEL

CONTROL PANEL

ILLUS. PL-58270	PART NO.	NAME OF PART	AMT.
1	00-478752-00002	Switch - Operator (Stop).....	1
2	00-087711-322-4	Block - Contact (Stop).....	1
3	00-478752-00001	Switch - Operator (Start).....	1
4	00-087711-322-3	Block - Contact (Start).....	1
5	00-874631	Selector - Switch Assy. (Speed Selector).....	1
6	00-916063	Bumper.....	1
7	00-916818	Interface - Circuit Board Assy.....	1
8	SD-038-49	Self-Tapping Screw 6-32 x 1/2 Hex Washer Hd., Type RL.....	2
9	00-916061	Block - Interface Mounting.....	1
10	00-875723	Encoder Assy. (Time Selector).....	1
11	SD-039-23	Self-Tapping Screw 6-32 x 1/4 Hex Washer Hd., Type RL.....	6
12	00-916656	PCB Assy. (Timer Board).....	1
13	00-916657	PCB Assy. (Timer Board) (With Recipe Timer).....	1
14	00-916853	PCB Assy. (Timer Board) (ML-134361).....	1
15	00-873945	Panel - Control.....	1
16	SC-128-40	Mach. Screw 8-32 x 2-1/4 Phil. Oval Hd. (SST) (ML-134300, ML-134306, ML-134334, ML-134354 & ML-134361).....	2
17	00-874468	Extension - Screw (ML-134322, ML-134337, & ML-134355).....	2
18	00-916231	Label - Overlay.....	1
19	00-916232	Label - Overlay (With Recipe Timer).....	1
20	00-087711-330-1	Switch - Rocker.....	1
21	00-937533	Switch Cover.....	1
22	00-875724	Knob - Timer.....	1
23	00-874630	Knob - Speed Selector.....	1
24	SC-128-39	Mach. Screw 8-32 x 1-1/2 Phil. Oval Hd. (SST).....	4
25	SC-128-84	Mach. Screw 8-32 x 1-1/2 Tx. Flat Hd. (SST) (ML-134322 & ML-134337).....	4
26	00-875451	Label (Mix/Stop).....	1
27	00-478753-00001	Cap - Round Push Button (Flush).....	1
28	00-478751-00001	Cap - Round Push Button (Extended).....	1
29	00-917037	Interface Board Assy. (ML-134354 & ML-134355 (Incls. Item 7)).....	1
30	00-875814	Seal - Control Panel.....	1



PL-57886

ELECTRICAL COMPONENTS
(HL1400 SERIES) (ML-134300,ML-134334,ML-134337,ML-134361)

ELECTRICAL COMPONENTS
(HL1400 SERIES) (ML-134300,ML-134334,ML-134337,ML-134361)

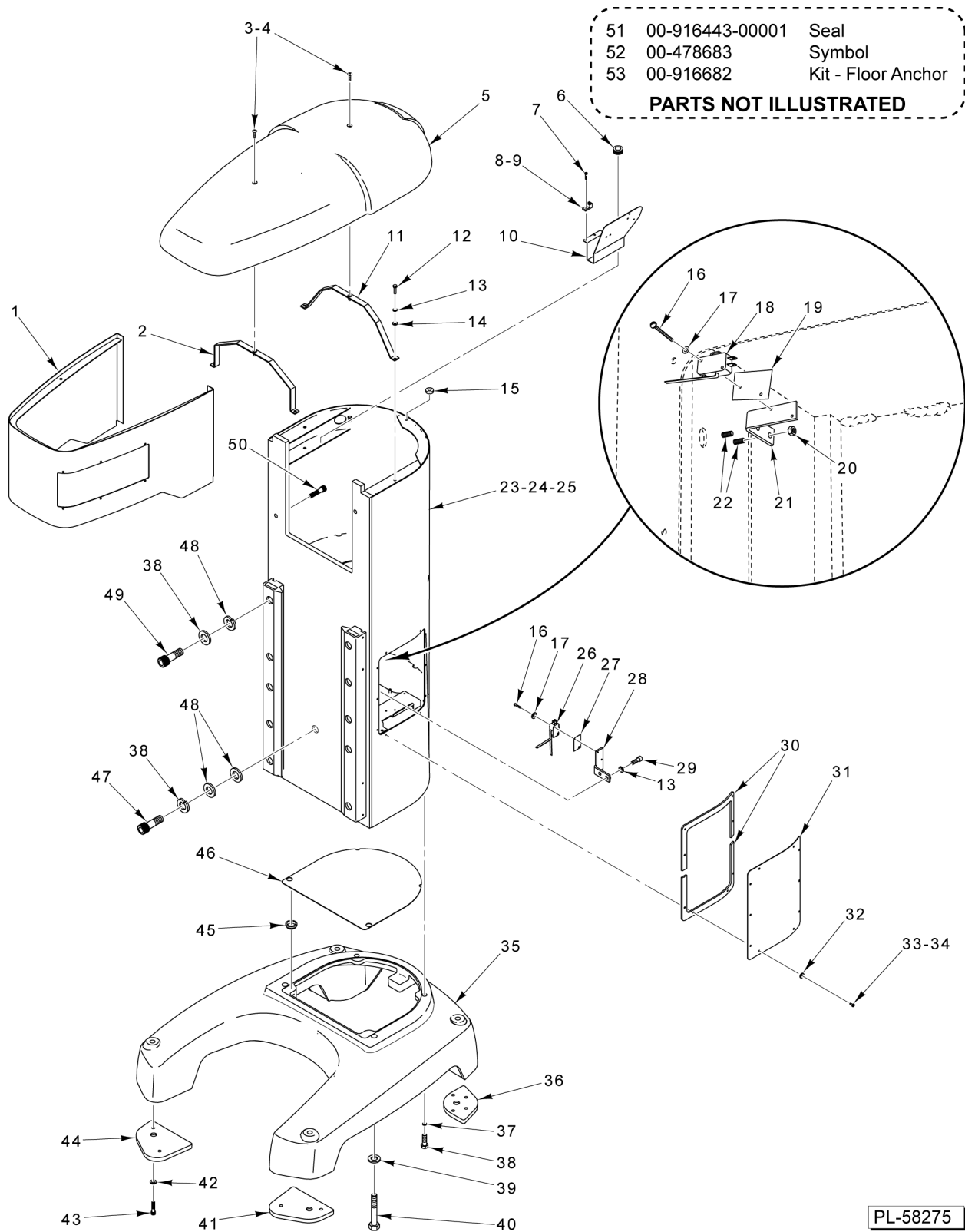
ILLUS.	PART NO.	NAME OF PART	AMT.
PL-57886			
1	00-916185-00001	Ferrite.....	1
2	00-916183-00001	Drive - Controller (230 V.) (ML-134300, ML-134334, & ML-134337).....	1
3	00-916877-00001	Drive - Controller (230 V.) (ML-134361).....	1
4	00-916183-00002	Drive - Controller (460 V.) (ML-134300, ML-134334, & ML-134337).....	1
5	00-916877-00002	Drive - Controller (460 V.) (ML-134361).....	1
6	00-438131-00174	Label - Warning.....	1
7	WS-006-36	Washer.....	4
8	WL-004-02	Lockwasher 3/8 Helical.....	4
9	SC-118-09	Cap Screw 3/8-16 x 1-1/4 Hex Hd.....	4
10	SD-015-39	Self-Tapping Screw 8-32 x 1/4 Phil. Pan Hd., Type TT.....	2
11	00-087713-107-4	Contactor (30 Amp./Aux., 3 Ph.) (ML-134300, ML-134334, & ML-134337).....	1
12	00-875974	NLA - Obsolete--Plate - Drive Mount Assy.....	1
13	00-916586	Bracket - Transformer (460 V.) (ML-134334 & ML-134337).....	1
14	WL-007-06	Lockwasher #8 External.....	1
15	SD-015-39	Self-Tapping Screw 8-32 x 1/4 Phil. Pan Hd., Type TT.....	1
16	00-294500-00054	Transformer (208-240 V.).....	1
17	SD-015-39	Self-Tapping Screw 8-32 x 1/4 Phil. Pan Hd., Type TT.....	2
18	00-916176	IC MOV Sub-Assy. (230 V.).....	1
19	00-916588	Transformer (460 V.) (ML-134300, ML-134334, & ML-134337).....	1
20	SD-015-20	Self-Tapping Screw 10-32 x 3/8 Phil. Pan Hd., Type TT (ML-134334 & ML-134337).....	2
21	00-916587	Bracket - Transformer Front (460 V.) (ML-134334 & ML-134337).....	1
			AR



ELECTRICAL COMPONENTS
(HL800 SERIES) (ML-134306,ML-134322,ML-134354,ML-134355)

ELECTRICAL COMPONENTS
(HL800 SERIES) (ML-134306,ML-134322,ML-134354,ML-134355)

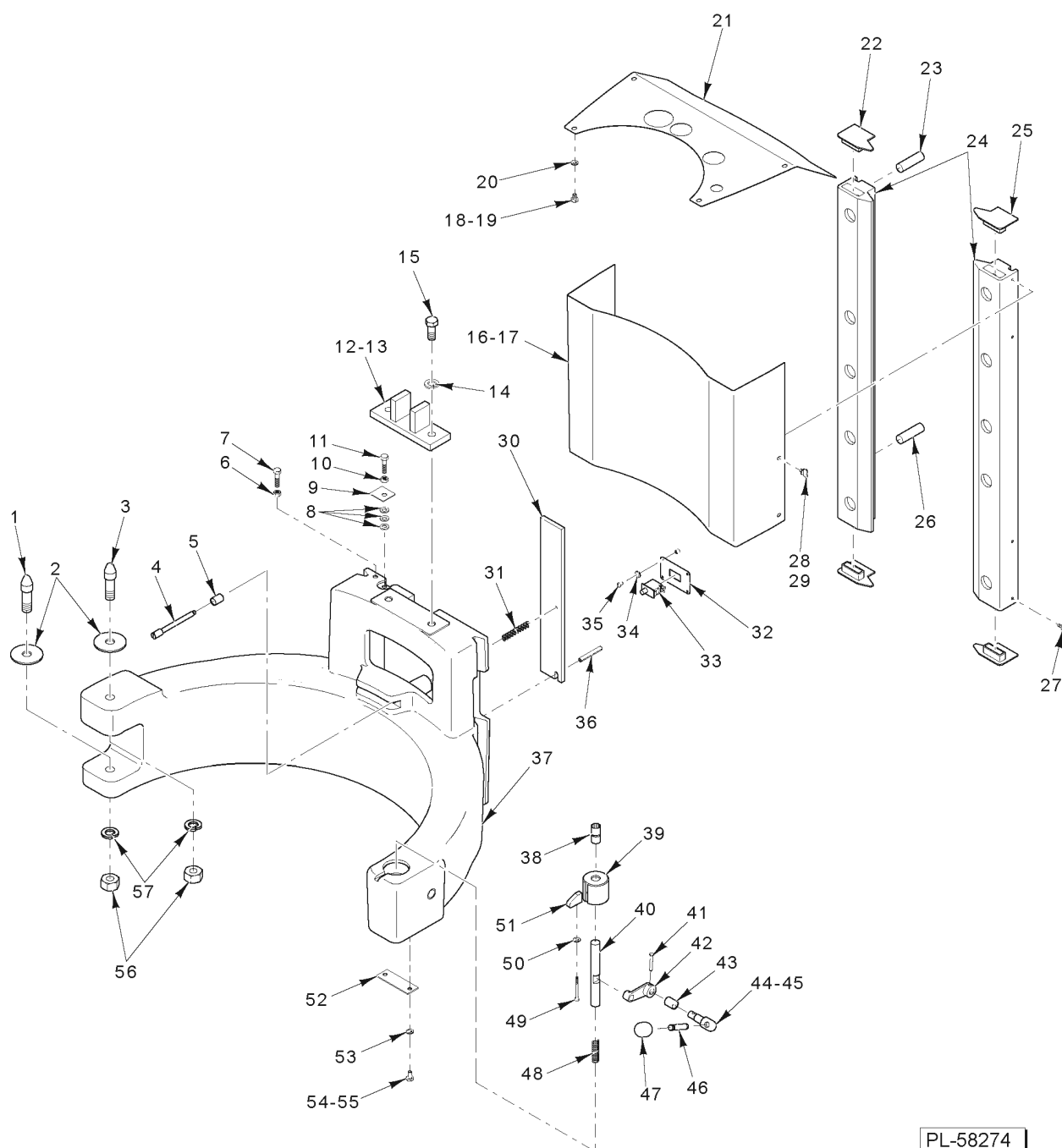
ILLUS. PL-57873	PART NO.	NAME OF PART	AMT.
1	00-916184-00003	Drive - Controller (230 V.).....	1
2	00-916184-00004	Drive - Controller (460 V.).....	1
3	00-438131-00174	Label - Warning.....	1
4	00-916185-00001	Ferrite.....	1
5	00-087713-107-4	Contact (30 Amp./Aux., 3 Ph.).....	1
6	SD-015-39	Self-Tapping Screw 8-32 x 1/4 Phil. Pan Hd., Type TT.....	2
7	00-916098	NLA - Obsolete--Plate - Drive Mount Assy.....	1
8	00-916588	Transformer (460 V.).....	1
9	00-916587	Bracket - Transformer Front (460 V.).....	1
10	SD-015-20	Self-Tapping Screw 10-32 x 3/8 Phil. Pan Hd., Type TT.....	2
11	00-916586	Bracket - Transformer (460 V.).....	1
12	WL-007-06	Lockwasher #8 External.....	1
13	SD-015-39	Self-Tapping Screw 8-32 x 1/4 Phil. Pan Hd., Type TT.....	1
14	00-294500-00054	Transformer (208-240 V.).....	1
15	SD-015-39	Self-Tapping Screw 8-32 x 1/4 Phil. Pan Hd., Type TT.....	2
16	00-916176	IC MOV Sub-Assy. (230 V.).....	1
17	WS-002-51	Washer.....	4
18	WL-003-22	Lockwasher #10 Helical.....	4
19	NS-009-22	Nut 10-24 Hex.....	4



BASE AND PEDESTAL

BASE AND PEDESTAL

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-58275			
1	00-875860	Wrapper Assy. - Transmission.....	1
2	00-874569	Strap Assy. - Top Cover.....	1
3	SC-120-29	Mach. Screw 1/4-20 x 1 Phil. Oval Hd. (ML-134300, ML-134306, ML-134334, ML-134354, & ML-134361).....	2
4	SC-128-63	Mach. Screw 1/4-20 x 2 Tx. Flat Hd. (ML-134322, ML-134337, & ML-134355).....	1
5	00-875786	Top - Cover.....	1
6	FE-021-13	Grommet.....	1
7	SD-029-02	Self-Tapping Screw 10-24 x 1/2 Slotted Pan Hd., Type F.....	2
8	00-118544-00002	Lug - Ground (ML-134300, ML-134306, ML-134322, ML-134334, ML-134337 & ML-134361).....	1
9	00-118544-00001	Lug - Ground (ML-134354 & ML-134355).....	1
10	00-916173	Shield - Wire.....	1
11	00-874571	Strap Assy. - Top Cover.....	1
12	SC-036-06	Cap Screw 1/4-20 x 1 Hex Hd.....	5
13	WL-003-38	Lockwasher 1/4 Helical.....	4
14	WS-003-43	Washer.....	4
15	FE-024-23	Bushing - Electrical (Snap).....	1
16	SC-060-40	Mach. Screw 4-40 x 5/8 Slotted Rd. Hd.....	2
17	WL-003-03	Lockwasher #4 Helical.....	2
18	00-087711-00248	Switch - Bowl Height.....	1
19	00-873376	Insulator.....	1
20	NS-009-30	Nut 10-32 Hex.....	2
21	00-874578	Bracket - Bowl Height Switch.....	1
22	00-113631-00040	Stud - Self-Clinching.....	2
23	00-916056-00002	Pedestal (ML-134306, ML-134322, ML-134354, & ML-134361).....	1
24	00-916051-00002	Pedestal (ML-134300, ML-134334, & ML-134337).....	1
25	00-916672-00002	Pedestal (ML-134361).....	1
26	00-087711-00248	Switch - Bowl Down Limit.....	1
27	00-873376	Insulator.....	1
28	00-873371	Bracket - Down Limit Switch.....	1
29	SC-089-02	Cap Screw 1/4-20 x 3/4 Hex Socket Hd.....	2
30	00-875815	Seal - Side Panel.....	2
31	00-874386-00001	Cover - Side.....	1
32	WS-023-22	Washer (SST).....	8
33	SD-009-41	Self-Tapping Screw 8-32 x 3/8 Phil. Pan Hd., Type F (SST) (ML-134300, ML-134306, ML-134334, ML-134354, & ML-134355).....	8
34	SC-128-66	Mach. Screw 8-32 x 3/8 Tx. Button Hd. (ML-134322, ML-134337, & ML-134355).....	8
35	00-873960-003-2	Base.....	1
36	00-874149	Pad - Foot (Rear).....	2
37	WL-004-11	Lockwasher 1/2 Helical.....	2
38	SC-037-01	Cap Screw 1/2-13 x 1-1/2 Hex Hd.....	2
39	WL-004-19	Lockwasher 5/8 Helical.....	2
40	SC-037-36	Cap Screw 5/8-11 x 3 1/2 Hex Hd.....	2
41	00-874150	Pad - Foot (Left).....	2
42	WS-005-49	Washer.....	8
43	SC-110-03	Cap Screw 3/8-16 x 3/4 Hex Socket Hd.....	8
44	00-874153	Pad - Foot (Right).....	1
45	00-072201	Washer - Bevel.....	4
46	00-874327	Plate - Pedestal Bottom.....	1
47	SC-110-55	Cap Screw 1/2-20 x 1-1/4 Socket Hex Hd.....	1
48	WS-008-04	Washer.....	2
49	SC-040-69	Cap Screw 1/2-20 x 2 Hex Socket Hd.....	10
50	SC-120-38	Cap Screw 5/16-18 x 1 Hex Hd.....	4
51	00-916443-00001	Seal.....	1
52	00-478683	Symbol - Warning High Voltage.....	1
53	00-916682	Kit - Floor Anchor.....	AR



PL-58274

**BOWL SUPPORT
(ALL MODELS EXCEPT ML-134361)**

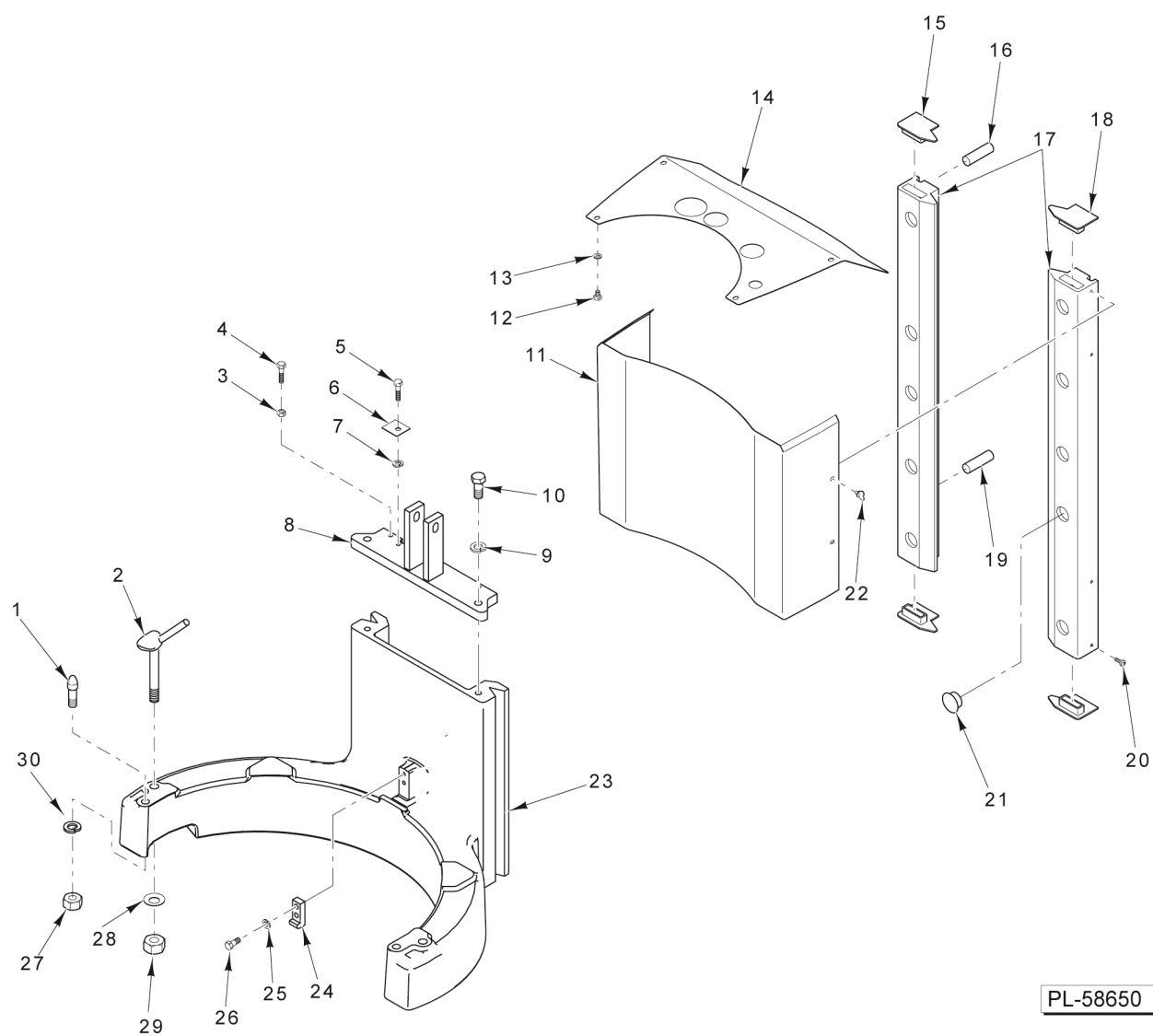
BOWL SUPPORT (ALL MODELS EXCEPT ML-134361)

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-58274			
1	00-916021	Pin - Bowl.....	1
2	00-916022	Bushing - Bowl Support.....	2
3	00-916351	Pin - Upper Bowl.....	1
4	00-874387	Pin - Limit.....	1
5	00-874492	Bushing - Bowl-In.....	1
6	NS-013-14	Nut 5/16-18 Hex.....	1
7	SC-041-13	Cap Screw 5/16-18 x 1 Hex Hd. (SST).....	1
8	WS-006-36	Washer.....	3
9	00-916359	NLA - Obsolete--Plate - Stop Bowl Travel.....	1
10	NS-013-14	Nut 5/16-18 Hex.....	1
11	SC-041-13	Cap Screw 5/16-18 x 1 Hex Hd. (SST).....	1
12	00-873352-00002	Actuator - Bracket (HL1400 Series).....	1
13	00-873352-00003	Actuator - Bracket (HL800 Series).....	1
14	WL-004-11	Lockwasher 1/2 Helical.....	2
15	SC-062-88	Cap Screw 1/2-13 x 1-1/4 Hex Hd.....	2
16	00-916087	Apron - Back (ML-134306, ML-134322, ML-134354, & ML-134355).....	1
17	00-916088	Apron - Back (ML-134300, ML-134334, & ML-134337).....	1
18	SC-041-86	Cap Screw 1/4-20 x 3/8 Hex Hd. (SST) (ML-134300, ML-134334, ML-134306, & ML-134354).....	4
19	SC-128-80	Mach. Screw 1/4-20 x 3/8 Tx. Button Hd. (SST) (ML-134322, ML-134337, & ML-134355).....	4
20	WL-006-17	Lockwasher 1/4 Helical (SST).....	4
21	00-874597	Apron - Top.....	1
22	00-479619	Cap - Slideway.....	2
23	00-011800-00143	Pin - Dowel 1/2 x 1-3/4 SAE.....	2
24	00-479598	Slideway.....	2
25	00-479618	Cap - Slideway.....	2
26	00-011800-00143	Pin - Dowel 1/2 x 1-3/4 SAE.....	2
27	SC-128-12	Mach. Screw 10-24 x 1/4 Phil. Pan Hd. (SST) (ML-134334 & ML-134354).....	4
28	00-070641-00009	Thumb Screw.....	4
29	SC-128-69	Mach. Screw 10-24 x 3/8 Tx. Button Hd. (ML-134322, ML-134337, & ML-134355).....	4
30	00-874566-00002	Plate - Bowl In Switch.....	1
31	00-873377	Spring - Bowl Pin.....	1
32	00-874479	Plate - Bowl In Switch.....	1
33	00-087711-00338	Switch - Bowl In.....	1
34	WL-003-12	Lockwasher #8 Helical.....	2
35	SC-018-33	Mach. Screw 8-32 x 5/16 Phil. Pan Hd.....	2
36	RP-004-28	Pin - Roll 0.250.....	1
37	00-873337	Yoke - Bowl.....	1
38	00-874390	Bushing - Bowl Lock.....	1
39	00-874376	Button - Bowl Rest.....	1
40	00-874391	Pin - Bowl.....	1
41	00-874388	Detent - Clevis Pin.....	1
42	00-874218	Clevis - Bowl Lock.....	1
43	00-874138	Bushing - Bowl Pin.....	1
44	00-874220	Handle - Bowl Pin.....	1
45	00-874139-00002	Handle Assy. - Bowl Lock (Security Weld/Correctional).....	1
46	00-874197	Shaft - Bowl Pin Handle.....	1
47	00-875356	Handle - Lift Lever.....	1
48	00-874198	Spring - Bowl Pin.....	1
49	SC-092-27	Cap Screw 8-32 x 1-3/4 Hex Socket Hd.....	1
50	WL-003-12	Lockwasher #8 Helical.....	1
51	00-874380	Ramp - Wear.....	1
52	00-874199	Strap - Spring Retaining.....	1
53	WL-003-38	Lockwasher 1/4 Helical.....	2
54	SC-036-14	Cap Screw 1/4-20 x 1/2 Hex Hd. (ML-134300, ML-134334, ML-134306, & ML-134354).....	2
55	SC-121-72	Mach. Screw 1/4-20 x 1/2 Tx. Button Hd. (SST) (ML-134322, ML-134337, & ML-134355).....	2

**BOWL SUPPORT
(ALL MODELS EXCEPT ML-134361)**

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-58274			
56	NS-013-40	Nut 5/8-11 Hex.....	2
57	WL-004-18	Lockwasher 5/8 Light.....	2
	00-874139	Handle Assy. - Bowl Lock (Incls. Items 44, 45, & 46) (ML-134300, ML-134306, ML-134334, & ML-134354).....	1
	00-874139-00002	Handle Assy. - Bowl Lock (Incls. Items 44, 45, & 46) (ML-134322, ML-134337, & ML-134355).....	1

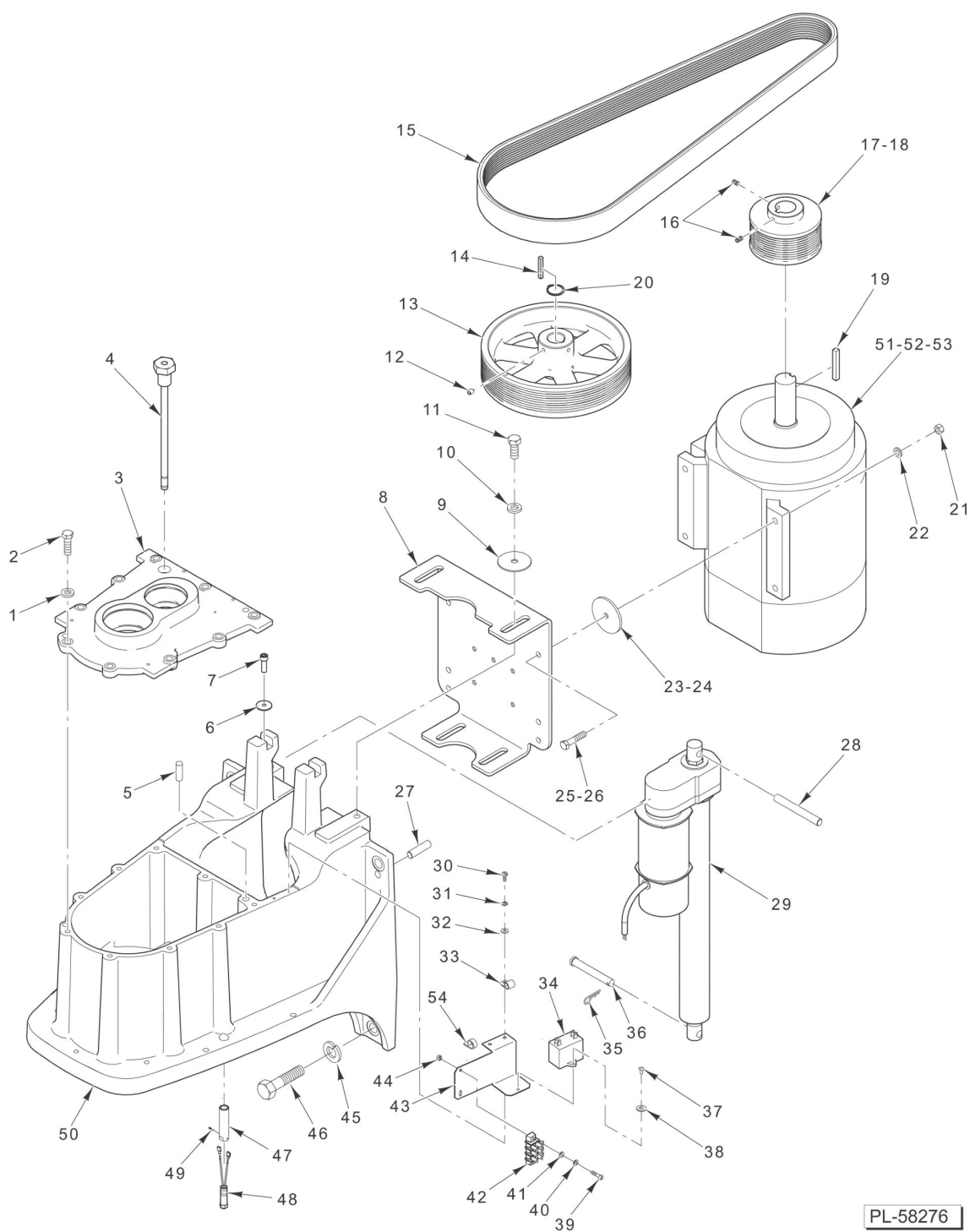
NOTES



BOWL SUPPORT (ML-134361)

BOWL SUPPORT (ML-134361)

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-58650			
1	00-019195-00001	Stud - Bowl Locating.....	2
2	00-065922-00020	Bowl Clamp Assy.....	2
3	NS-013-14	Nut 5/16-18 Hex.....	1
4	SC-041-09	Cap Screw 5/16-18 x 1/2 Hex Hd. (SST).....	1
5	SC-041-09	Cap Screw 5/16-18 x 1/2 Hex Hd. (SST).....	1
6	00-916359	NLA - Obsolete--Plate - Stop Bowl Travel.....	1
7	WL-003-44	Lockwasher 5/16 Helical.....	3
8	00-917163	Bracket - Actuator.....	1
9	WL-004-11	Lockwasher 1/2 Helical.....	2
10	SC-062-88	Cap Screw 1/2-13 x 1-1/4 Hex Hd.....	2
11	00-916683	Apron - Back.....	1
12	SC-041-86	Cap Screw 1/4-20 x 3/8 Hex Hd. (SST).....	4
13	WL-006-17	Lockwasher 1/4 Helical (SST).....	4
14	00-874597	Apron - Top.....	1
15	00-479619	Cap - Slideway.....	2
16	00-011800-00143	Pin - Dowel 1/2 x 1-3/4 SAE.....	2
17	00-479598	Slideway.....	2
18	00-479618	Cap - Slideway.....	2
19	00-011800-00143	Pin - Dowel 1/2 x 1-3/4 SAE.....	2
20	SC-128-12	Mach. Screw 10-24 x 1/4 Phil. Pan Hd. (SST).....	4
21	PB-005-11	Plug - Button.....	10
22	00-070641-00009	Thumb Screw.....	4
23	00-916678	Yoke - Bowl.....	1
24	00-064394	Retainer - Bowl.....	1
25	WL-003-44	Lockwasher 5/16 Helical.....	2
26	SC-120-38	Cap Screw 5/16-18 x 1 Hex Hd.....	2
27	NS-013-30	Nut 1/2-13 Hex.....	2
28	WL-006-36	Lockwasher 1/2 Helical.....	2
29	NS-046-18	Lock Nut 5/8-11 Hex Nylok.....	2
30	00-064636	Washer - Bowl Clamp.....	2

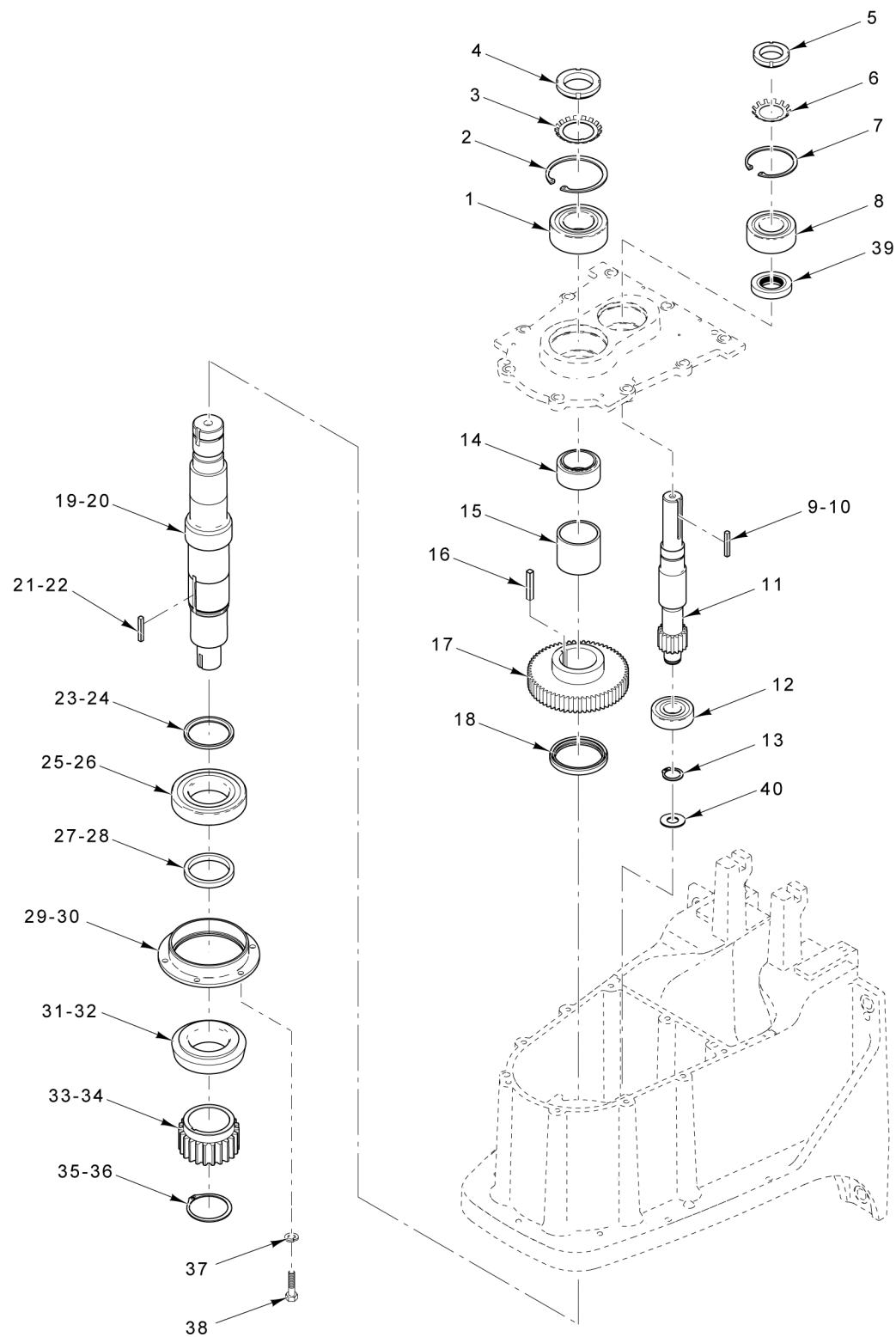


PL-58276

TRANSMISSION CASE AND MOTOR

TRANSMISSION CASE AND MOTOR

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-58276			
1	WL-019-09	Lockwasher 3/8 Helical.....	9
2	SC-118-09	Cap Screw 3/8-16 x 1-1/4 Hex Hd.....	9
3	00-874653	Cover - Transmission.....	1
4	00-916182	Dipstick - Weldment.....	1
5	00-557555	NLA - Obsolete--Dowel.....	2
6	00-916352	Washer - Flat.....	2
7	SC-040-15	Cap Screw 5/16-18 x 1-1/4 Hex Socket Hd.....	2
8	00-874441-00002	NLA - Obsolete--Plate - Motor Mounting.....	1
9	WS-008-40	Washer.....	4
10	WL-019-11	Lockwasher 1/2 Helical.....	4
11	SC-062-88	Cap Screw 1/2-13 x 1-1/4 Hex Hd.....	4
12	SC-075-15	Set Screw 5/16-18 x 3/8 Hex Hdls., Cup Pt.....	2
13	00-916003	Sheave - Driven (10L).....	1
14	00-875419-00069	Key - Chamfered.....	1
15	00-874493	Belt.....	1
16	SC-075-15	Set Screw 5/16-18 x 3/8 Hex Hdls., Cup Pt.....	2
17	00-875805	Sheave - Drive (ML-134300, ML-134334, ML-134337, & ML-134361).....	1
18	00-875939	Sheave - Drive (ML-134306, ML-134322, ML-134354, & ML-134355).....	1
19	00-875419-00081	Key 5/16 x 5/16 x 2-3/8.....	1
20	RR-007-02	Retaining Ring.....	1
21	NS-013-22	Nut 3/8-16 Hex.....	4
22	WL-004-06	Lockwasher 3/8 Helical.....	4
23	00-875940	NLA - Obsolete--Spacer (ML-134306, ML-134322, ML-134354, & ML-134355).....	4
24	00-873363	NLA - Obsolete--Spacer (ML-134300).....	4
25	SC-118-08	Cap Screw 3/8-16 x 1-3/4 Hex Hd. (ML-134306, ML-134322, ML-134354, & ML-134355).....	4
26	SC-124-91	Cap Screw 3/8-16 x 2-1/2 Hex Hd. (ML-134300, ML-134334, ML-134337, & ML-134361).....	4
27	00-508208	Pin - Dowel.....	2
28	00-874315	Pin - Actuator (Upper).....	1
29	00-916565	Actuator Assy.....	1
30	SC-018-20	Mach. Screw 10-24 x 1/2 Slotted Pan Hd.....	2
31	WL-003-22	Lockwasher #10 Light.....	2
32	WS-002-51	Washer.....	2
33	00-078752-00012	Clamp (3/8 In.).....	1
34	00-110979-00100	Capacitor.....	1
35	PC-003-50	Cotter Pin 7/64 x 1 Lg.....	1
36	00-874117-00002	Pin - Clevis.....	1
37	SD-009-41	Self-Tapping Screw 8-32 x 3/8 Phil. Pan Hd., Type F (SST).....	1
38	WS-023-22	Washer (SST).....	1
39	SC-009-68	Mach. Screw 8-32 x 3/4 Slotted Rd. Hd.....	2
40	WL-003-15	Lockwasher #8 Light.....	2
41	WS-023-22	Washer (SST).....	2
42	00-916269	Block - Terminal 1/4 QC.....	1
43	00-916270	Mount - Capacitor.....	1
44	NS-009-12	Nut 8-32 Hex.....	2
45	WL-004-19	Lockwasher 5/8 Helical.....	4
46	SC-129-34	Cap Screw 5/8-11 x 1-1/2 Hex Hd.....	4
47	00-874128	Extension - Bowl Guard Switch.....	1
48	00-874958-00001	Reed - Switch & Plug.....	1
49	SC-075-14	Set Screw 6-32 x 1/8 Hex Hdls., Cup Pt.....	1
50	00-874641	Case - Transmission.....	1
51	00-875993-00002	Motor Assy. (5 Hp.) (ML-134300, ML-134334, & ML-134337).....	1
52	00-875995-00002	Motor Assy. (3 Hp.) (ML-134306 & ML-134322) (ML-134354 & ML-134355 Use On Serial Numbers 31-1398705 and Up).....	1
53	00-916869-00001	Motor Assy. (5Hp.) (ML-134361).....	1
54	00-294677-00002	Clamp - Wire (1/2 I.D.).....	1
	00-934532	Harness - Main Control HL800 Before S/N 31-1453700.....	1
	00-916730-00001	Harness - Main Control HL800 Starting S/N 31-1453700.....	1
	00-916361-00001	Harness - Main Control.....	1
	00-916553	Puller Assy. - Motor.....	1

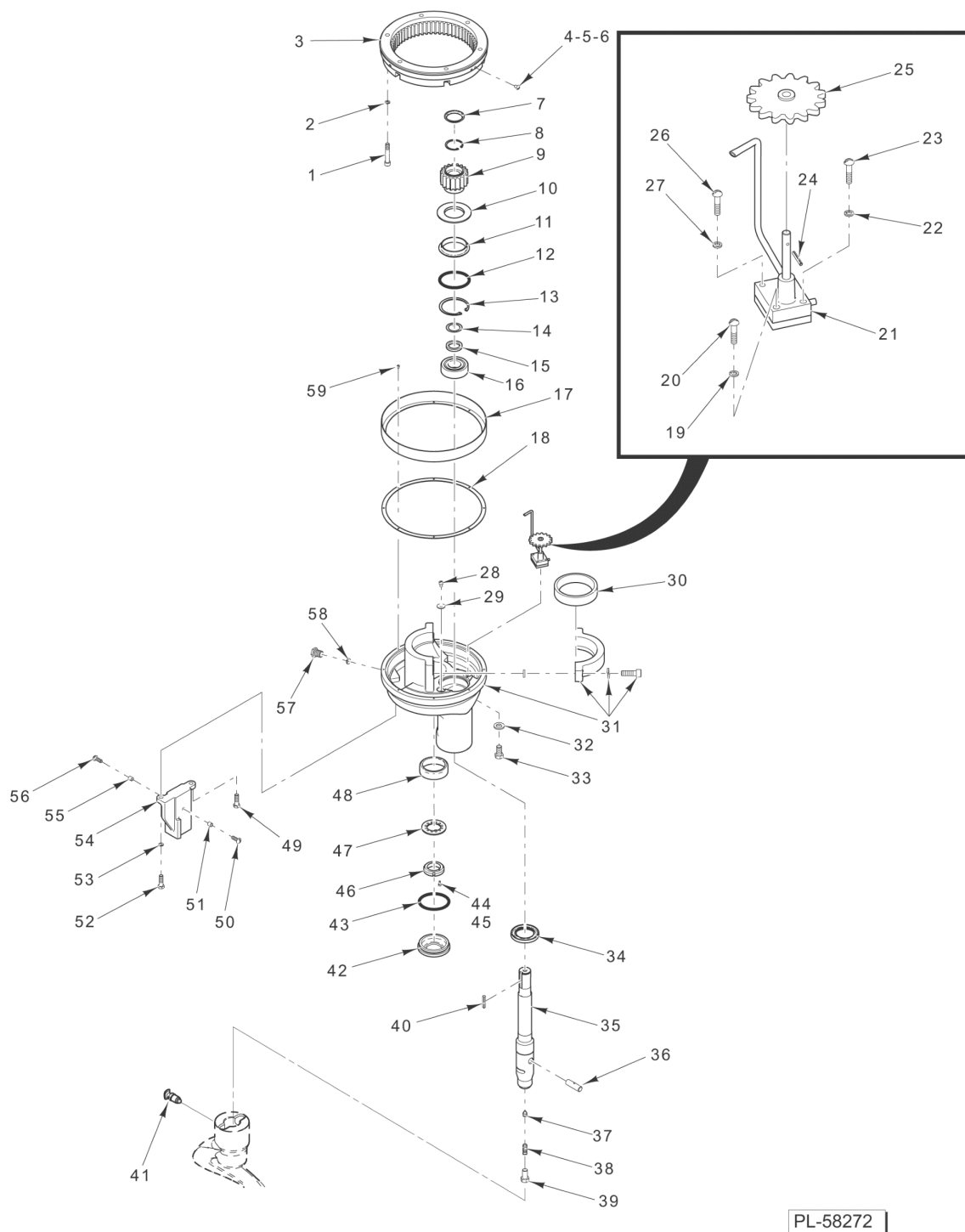


PL-58098

TRANSMISSION

TRANSMISSION

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-58098A			
1	BB-021-59	Bearing - Ball.....	1
2	RR-012-21	Retaining Ring.....	1
3	WL-012-10	Lockwasher.....	1
4	NS-034-10	Lock Nut.....	1
5	NS-034-08	Lock Nut - N.D. #N-07.....	1
6	WL-012-08	Lockwasher.....	1
7	RR-004-24	Retaining Ring.....	1
8	BB-021-56	Bearing - Ball.....	1
9	00-875419-00079	Key 5/16 x 5/16 x 1-1/2.....	1
10	00-875419-00078	Key - Chamfered (ML-134306, ML-134322, ML-134354, & ML-134355).....	1
11	00-916178	Shaft - Input.....	1
12	BB-018-22	Bearing - Ball.....	1
13	RR-009-07	Retaining Ring.....	1
14	00-874564	Spacer - Upper (Without Att. Hub).....	1
15	00-874565	Spacer - Lower (Without Att. Hub).....	1
16	00-875419-00079	Key 5/16 x 5/16 x 1-1/2.....	1
17	00-874448	Gear.....	1
18	00-874454	Seal - Oil.....	1
19	00-875855	Shaft - Planetary (ML-134306, ML-134322, ML-134354, & ML-134355).....	1
20	00-874452	Shaft - Planetary (ML-134300, ML-134334, ML-134337, & ML-134361).....	1
21	00-875419-00078	Key - Chamfered (ML-134306, ML-134322, ML-134354, & ML-134355).....	1
22	00-875419-00066	Key - Chamfered (ML-134300, ML-134334, ML-134337, & ML-134361).....	1
23	00-064467	Spacer - Upper (Lower Planetary) (ML-134306, ML-134322, ML-134354, & ML-134355).....	1
24	00-067900	Spacer - Upper (Lower Planetary) (ML-134300, ML-134334, ML-134337, & ML-134361).....	1
25	BB-007-07	Ball Bearing - Sgl. Rod (ML-134306, ML-134322, ML-134354, & ML-134355).....	1
26	BB-021-49	Bearing - Ball Sgl. Rod (ML-134300, ML-134334, ML-134337, & ML-134361).....	1
27	00-875858	Spacer - Lower (Lower Planetary) (ML-134306, ML-134322, ML-134354, & ML-134355).....	1
28	00-874567	Spacer - Lower (Lower Planetary) (ML-134300, ML-134334, ML-134337, & ML-134361).....	1
29	00-875857	Carrier - Lower Bearing (ML-134306, ML-134322, ML-134354, & ML-134355).....	1
30	00-874451	Carrier - Lower Bearing (ML-134300, ML-134334, ML-134337, & ML-134361).....	1
31	BR-003-11	Bearing - Roller Cone (ML-134306, ML-134322, ML-134354, & ML-134355).....	1
32	BR-002-31	Roller Bearing - Cup & Cone Assy. (ML-134300, ML-134334, ML-134337, & ML-134361).....	1
33	00-064386	Gear - Sun (ML-134306, ML-134322, ML-134354, & ML-134355).....	1
34	00-067904	Gear - Sun (ML-134300, ML-134334, ML-134337, & ML-134361).....	1
35	RR-004-14	Retaining Ring (ML-134306, ML-134322, ML-134354, & ML-134355).....	1
36	RR-011-96	Retaining Ring (ML-134300, ML-134334, ML-134337, & ML-134361).....	1
37	WL-003-48	Lockwasher 5/16 High Collar.....	6
38	SC-123-75	Cap Screw 5/16-18 x 3/4 Socket Fil. Hd.....	6
39	00-917804	Seal - Oil (Starting S/N 311411654 for HL800 and S/N 311412425 for HL1400).....	1
40	SL-005-17	Spring - Wave.....	1

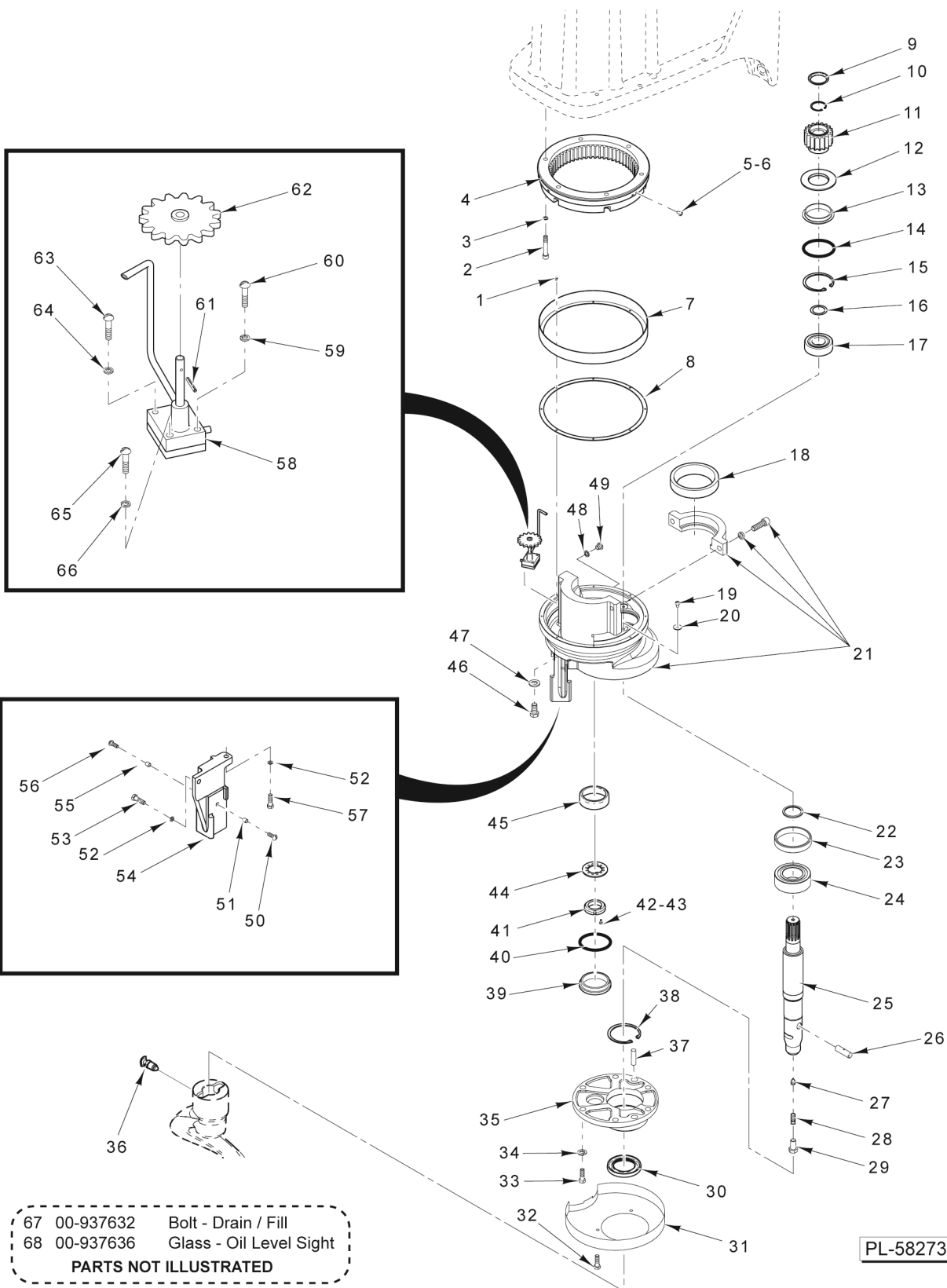


PL-58272

**PLANETARY
(HL800 SERIES)
(ML-134306, ML-134322, ML-134354, & ML-134355)**

**PLANETARY
(HL800 SERIES)
(ML-134306, ML-134322, ML-134354, & ML-134355)**

ILLUS. PL-58272	PART NO.	NAME OF PART	AMT.
1	SC-040-27	Cap Screw 3/8-16 x 2-1/4 Hex Socket Hd.....	6
2	WL-019-92	Lockwasher 3/8 Helical.....	6
3	00-438121	Gear - Internal (59T).....	1
4	SC-128-74	Mach. Screw 1/4-20 x 5/8 Tx. Button Hd. (SST) (ML-134322 & ML-134355).....	3
5	SC-021-39	Mach. Screw 1/4-20 x 5/8 Slotted Rd. Hd. (SST) (ML-134306 & ML-134354).....	3
6	SC-128-80	Mach. Screw 1/4-20 x 3/8 Tx. Button Hd. (SST) (ML-134355).....	3
7	00-060071	Cap - Oil Retaining.....	1
8	RR-005-08	Retaining Ring.....	1
9	00-064732	Internal Pinion & Deflector Assy. (18T) (Incls. Item 10).....	1
10	00-065372	NLA - Obsolete--Deflector - Oil.....	1
11	00-073011	Baffle - Planetary Oil.....	1
12	00-067500-00021	O-Ring.....	1
13	RR-004-24	Retaining Ring.....	1
14	00-060768	Shim - Internal Pinion.....	1
15	00-065408	Spacer - Agitator Shaft.....	1
16	BB-006-36	Ball Bearing.....	1
17	00-064478	Extension.....	1
18	00-064464	Gasket.....	1
19	WL-003-22	Lockwasher #10 Light.....	2
20	SC-009-51	Mach. Screw 10-32 x 7/8 Slotted Rd. Hd.....	2
21	00-290232-00002	Pump Assy. - Oil (Incls. Items 22 thru 27).....	1
22	WL-003-22	Lockwasher #10 Light.....	1
23	SC-060-87	Mach. Screw 10-32 x 3/4 Slotted Rd. Hd. (SST).....	1
24	RP-002-08	Roll Pin 5/64 Dia. x 11/16 Lg.....	1
25	00-064614	Gear - Drive Assy.....	1
26	SC-009-68	Mach. Screw 8-32 x 3/4 Slotted Rd. Hd.....	1
27	WL-003-15	Lockwasher #8 Light.....	1
28	SC-011-72	Mach. Screw 1/4-20 x 3/8 Slotted Phil. Hd.....	2
29	WS-003-46	Washer.....	2
30	BR-003-12	Bearing - Roller Cap.....	1
31	00-916068	Planetary Assy. (Incls. Items 52, 53, 54, & Bearing Cap).....	1
32	WS-021-20	Washer (Nylon).....	1
33	SC-129-38	Cap Screw 7/16-20 x 1 Hex Hd. (SST).....	1
34	00-916065	Seal - Oil.....	1
35	00-916048	Shaft - Agitator.....	1
36	00-873953	Pin - Agitator Shaft.....	1
37	00-007744	Set Screw Hdls., Cone Pt.....	1
38	SC-047-41	Set Screw 3/8-16 x 3/8 Hex Hdls., Cup Pt.....	1
39	00-064723	Plug - Agitator Shaft.....	1
40	00-875958	Key - Chamfered.....	1
41	00-874145	Plunger Assy.....	1
42	00-437496-00002	Cap - Seal (Painted).....	1
43	00-067500-00021	O-Ring.....	1
44	00-065277	Cap Screw Socket Hd.....	1
45	WL-003-15	Lockwasher #8 Light.....	1
46	00-065275	Bearing - Special Lock Nut.....	1
47	00-064982	Washer - Tongue.....	1
48	BR-002-15	Roller Bearing - Cup & Cone Assy.....	1
49	SC-047-49	Set Screw 3/8-16 x 1-3/4 Hex Hdls., Cup Pt.....	1
50	SC-021-54	Mach. Screw 5/16-18 x 7/8 Slotted Rd. Hd. (SST).....	1
51	00-874181	Spacer - Scraper Arm.....	1
52	SC-041-31	Cap Screw 3/8-16 x 1-1/4 Hex Hd. (SST).....	1
53	WL-006-28	Lockwasher 3/8 Helical.....	1
54	00-873284-00002	Bracket - Bowl Scraper.....	1
55	00-874181	Spacer - Scraper Arm.....	1
56	SC-021-54	Mach. Screw 5/16-18 x 7/8 Slotted Rd. Hd. (SST).....	1
57	00-064465-00001	Plug - Oil Fill.....	1
58	WS-021-20	Washer (Nylon).....	1
59	SC-009-70	Mach. Screw 6-32 x 1/4 Slotted Rd. Hd.....	8



**PLANETARY
 (HL1400 SERIES)
 (ML-134300, ML-134334, ML-134337, & ML-134361)**

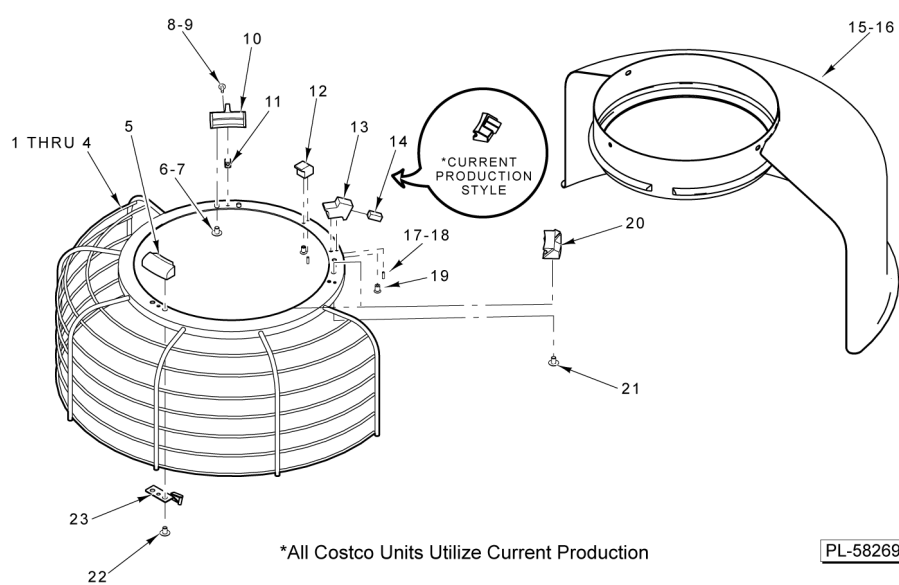
**PLANETARY
(HL1400 SERIES)
(ML-134300, ML-134334, ML-134337, & ML-134361)**

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-58273			
1	SC-009-70	Mach. Screw 6-32 x 1/4 Slotted Rd. Hd.....	8
2	SC-040-28	Cap Screw 3/8-16 x 2-1/2 Hex Socket Hd.....	6
3	WL-019-92	Lockwasher 3/8 Helical.....	6
4	00-438050	Gear - Internal.....	1
5	SC-021-37	Mach. Screw 1/4-20 x 3/8 Slotted Rd. Hd. (SST) (ML-134300, ML-134334, & ML-134361).....	3
6	SC-128-80	Mach. Screw 1/4-20 x 3/8 Tx. Button Hd. (SST) (ML-134337).....	3
7	00-064478	Extension.....	1
8	00-064464	Gasket.....	1
9	00-060071	Cap - Oil Retaining.....	1
10	RR-006-08	Retaining Ring.....	1
11	00-067886	Pinion - Internal (18T) (Incls. Item 12).....	1
12	00-065372	NLA - Obsolete--Deflector - Oil.....	1
13	00-073011	Baffle - Planetary Oil.....	1
14	00-067500-00021	O-Ring.....	1
15	RR-004-24	Retaining Ring.....	1
16	00-068277	Shim - Internal Pinion.....	1
17	BB-021-56	Bearing - Ball.....	1
18	BR-002-31	Roller Bearing - Cup & Cone Assy.....	1
19	SC-011-72	Mach. Screw 1/4-20 x 3/8 Slotted Phil. Hd.....	2
20	WS-003-46	Washer.....	2
21	00-874690-00002	Planetary Assy. (Incls. Bearing Cap) (Must Also Order Items 67 & 68).....	1
22	00-067902	Spacer - Agitator Shaft.....	1
23	00-067903	Locator - Bearing.....	1
24	BB-021-55	Bearing - Ball.....	1
25	00-916037	Shaft - Agitator.....	1
26	00-873953	Pin - Agitator Shaft.....	1
27	00-007744	Set Screw Hdl., Cone Pt.....	1
28	SC-047-41	Set Screw 3/8-16 x 3/8 Hex Hdl., Cup Pt.....	1
29	00-064723	Plug - Agitator Shaft.....	1
30	00-068045	Seal - Planetary Oil.....	1
31	00-874669	Cover - Planetary.....	1
32	00-080531	Screw - Nylok Hex Hd.....	2
33	SC-120-28	Cap Screw 1/2-13 x 2 Hex Hd.....	6
34	WL-004-11	Lockwasher 1/2 Helical.....	6
35	00-067921-00001	Plate - Bearing.....	1
36	00-874145	Plunger Assy.....	1
37	00-011800-00237	Dowel.....	2
38	RR-006-07	Retaining Ring.....	1
39	00-437496-00002	Cap - Seal (Painted).....	1
40	00-067500-00021	O-Ring.....	1
41	00-065275	Bearing - Special Lock Nut.....	1
42	00-065277	Cap Screw Socket Hd.....	1
43	WL-003-15	Lockwasher #8 Light.....	1
44	00-064982	Washer - Tongue.....	1
45	BR-002-15	Roller Bearing - Cup & Cone Assy.....	1
46	SC-129-38	Cap Screw 7/16-20 x 1 Hex Hd. (SST).....	1
47	WS-021-20	Washer (Nylon).....	1
48	WS-021-20	Washer (Nylon).....	1
49	00-064465-00001	Plug - Oil Fill.....	1
50	SC-021-54	Mach. Screw 5/16-18 x 7/8 Slotted Rd. Hd. (SST).....	1
51	00-874181	Spacer - Scraper Arm.....	1
52	WL-006-28	Lockwasher 3/8 Helical.....	1
53	SC-041-49	Cap Screw 3/8-16 x 1 Hex Hd. (SST).....	1
54	00-874649-00002	Bracket - Bowl Scraper.....	1
55	00-874181	Spacer - Scraper Arm.....	1

**PLANETARY
(HL1400 SERIES)
(ML-134300, ML-134334, ML-134337, & ML-134361)**

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-58273			
56	SC-021-54	Mach. Screw 5/16-18 x 7/8 Slotted Rd. Hd. (SST).....	1
57	SC-041-31	Cap Screw 3/8-16 x 1-1/4 Hex Hd. (SST).....	1
58	00-290232-00002	Pump Assy. - Oil (Incls. Items 59, 60, & 61).....	1
59	WL-003-22	Lockwasher #10 Light.....	1
60	SC-060-87	Mach. Screw 10-32 x 3/4 Slotted Rd. Hd. (SST).....	1
61	RP-002-08	Roll Pin 5/64 Dia. x 11/16 Lg.....	1
62	00-064614	Gear - Drive Assy.....	1
63	SC-009-68	Mach. Screw 8-32 x 3/4 Slotted Rd. Hd.....	1
64	WL-003-15	Lockwasher #8 Light.....	1
65	SC-009-51	Mach. Screw 10-32 x 7/8 Slotted Rd. Hd.....	2
66	WL-003-22	Lockwasher #10 Light.....	2
67	00-937632	Bolt - Drain / Fill (Order with Item 21).....	1
68	00-937636	Glass - Oil Level Sight Glass (Order with Item 21).....	1

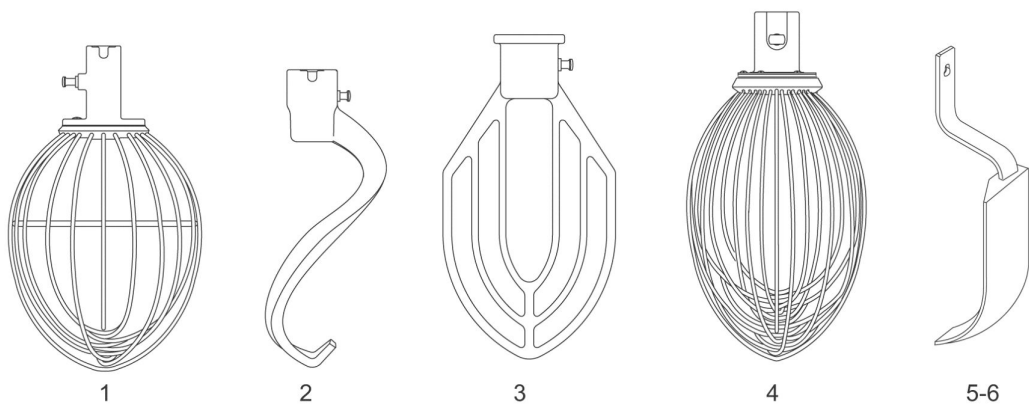
NOTES



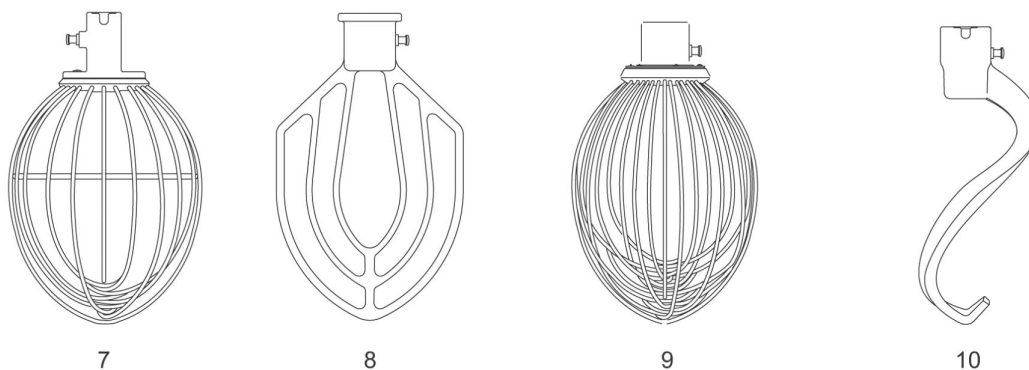
BOWL GUARD

BOWL GUARD

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-58269			
1	00-916155-00001	Wire - Cage Weldment (ML-134306 & ML-134354).....	1
2	00-916155-00002	Wire - Cage Weldment (ML-134322 & ML-134355).....	1
3	00-874953-00001	Wire - Cage Weldment (ML-134300, ML-134334, & ML-134361).....	1
4	00-874953-00002	Wire - Cage Weldment (ML-134337).....	1
5	00-874126	Shoe - Front.....	1
6	SC-122-45	Mach. Screw 1/4-20 x 3/8 Slotted Truss Hd.....	6
7	SC-128-65	Mach. Screw 1/4-20 x 1/2 Tx. Button Hd. (SST) (ML-134322 & ML-134355).....	6
8	SC-123-07	Mach. Screw 8-32 x 1/2 Slotted Truss Hd. (ML-134300, ML-134306, ML-134334, ML-134354, & ML-134361).....	1
9	SC-128-66	Mach. Screw 8-32 x 3/8 Tx. Button Hd. (ML-134322, ML-134337, & ML-134355).....	1
10	00-437433-00003	Shoe - Adjustable.....	1
11	00-437720	Key - Shoe.....	1
12	00-438055	Bumper - Cage.....	1
13	00-437442	Retainer - Magnet.....	1
14	00-111941	Magnet (Previous Production Style).....	1
	00-874127	Shoe - Fixed (Current Production Style).....	AR
15	00-916152	Guard - Splash & Drip (HL800).....	1
16	00-874951	Splash Guard & Drip Cup (HL1400).....	1
17	SC-122-44	Mach. Screw 8-32 x 3/8 Slotted Truss Hd. (ML-134300, ML-134306, ML-134334, ML-134354, & ML-134361).....	2
18	SC-121-71	Mach. Screw 8-32 x 3/8 Tx. Button Hd. (SST) (ML-134322, ML-134337, & ML-134355)	2
19	SC-009-68	Mach. Screw 8-32 x 3/4 Slotted Rd. Hd.....	2
20	00-437433-00002	Shoe - Fixed.....	1
21	SC-122-45	Mach. Screw 1/4-20 x 3/8 Slotted Truss Hd.....	2
22	SC-122-45	Mach. Screw 1/4-20 x 3/8 Slotted Truss Hd.....	4
23	00-875795	Stop - Cage.....	1
	00-916277-00001	Wire Cage Assy. (ML-134334, ML-134300, & ML-134361).....	1
	00-916277-00002	Wire Cage Assy. (ML-134337).....	1
	00-916154-00001	Wire Cage Assy. (ML-134306 & ML-134354).....	1
	00-916154-00002	Wire Cage Assy. (ML-134322 & ML-134355).....	1



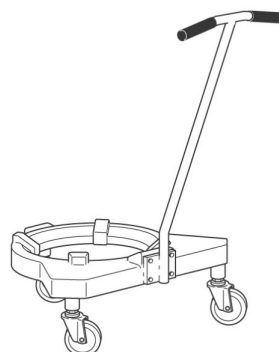
40-QUART AGITATORS



11-12



13-14



15 THRU 18

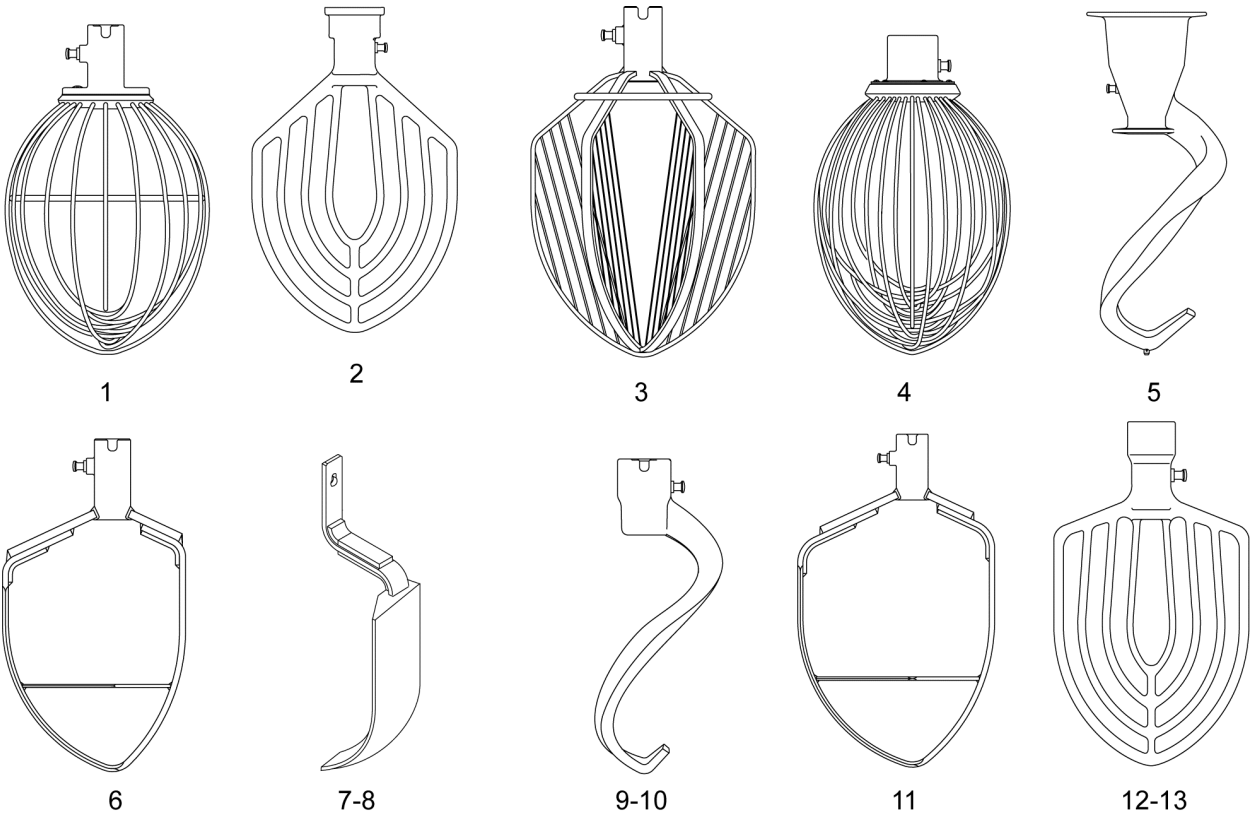
BOWL TRUCK

PL-58292

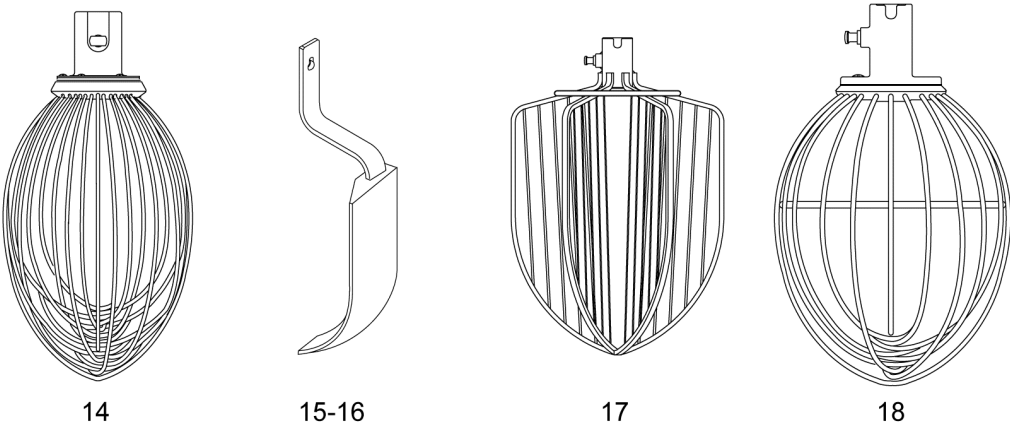
AGITATORS AND ACCESSORIES (40 & 60 QUART)

AGITATORS AND ACCESSORIES (40 & 60 QUART)

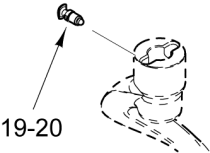
ILLUS.	PART NO.	NAME OF PART	AMT.
PL-58292			
1	00-916321	"I" Wire Whip (40 Quart) (Packaged).....	1
2	00-916316	"ED" Dough Arm (40 Quart) (Packaged).....	1
3	00-916313	"B" Flat Beater (40 Quart) (Packaged).....	1
4	00-916319	"D" Wire Whip (40 Quart) (Packaged).....	1
5	00-874268	Bowl Scraper (40 Quart) (Packaged) (Incls. Item 6).....	1
6	00-435637-00004	Scraper - Bowl (40 Qt.).....	1
7	00-916268	"I" Wire Whip (60 Quart) (Packaged).....	1
8	00-916257	"B" Flat Beater (60 Quart) (Packaged).....	1
9	00-916265	"D" Wire Whip (60 Quart) (Packaged).....	1
10	00-916260	"ED" Dough Arm (60 Quart) (Packaged).....	1
11	00-874267	Bowl Scraper (60 Quart) (Packaged) (Incls. Item 12).....	1
12	00-435637-00001	Scraper - Bowl (60 Qt.).....	1
13	00-916493	Bowl Truck Adapter (60-80-140 Quart) (Packaged).....	1
14	00-916495	Bowl Truck Adapter (40-60 Quart) (Packaged).....	1
15	00-873307	Bowl Truck (Packaged) (ML-134306, ML-134322, ML-134354, & ML-134355).....	1
16	00-873308	Bowl Truck (Packaged) (ML-134300, ML-134334, & ML-134337).....	1
17	00-874288	Caster - Bowl Truck.....	3
18	00-916585	Bowl Truck (Packaged).....	1
	00-433047	Ingredient Chute (Packaged).....	1



80-QUART AGITATORS



140-QUART AGITATORS

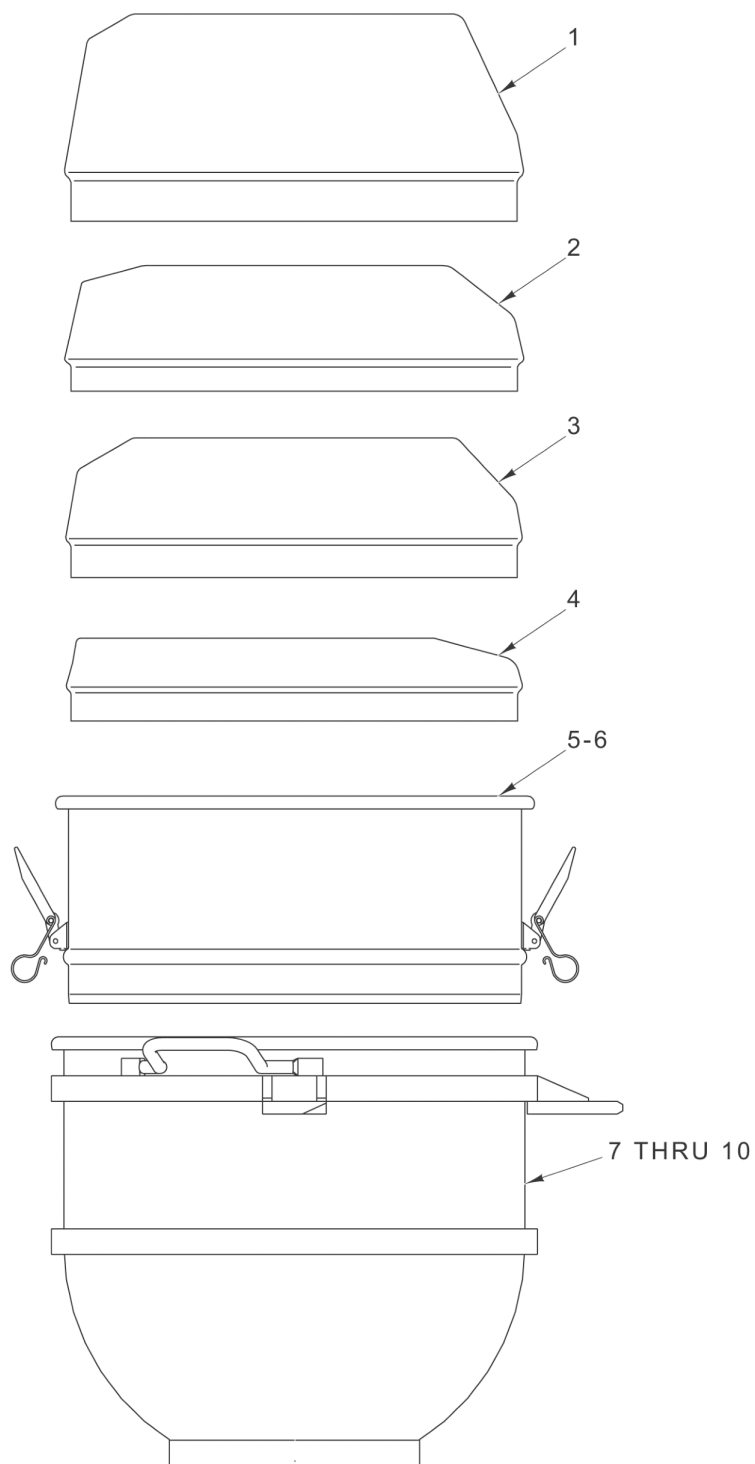


PL-60162

**AGITATORS AND ACCESSORIES
(80 & 140 QUART)**

AGITATORS AND ACCESSORIES (80 & 140 QUART)

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-60162			
1	00-875931	"I" Wire Whip (80 Quart) (Packaged) (Incls. Item 19).....	1
2	00-874654	"B" Beater (80 Quart) (Packaged) (Incls. Item 19).....	1
3	00-875946	"C" Wire Whip (80 Quart) (Packaged) (Incls. Item 19).....	1
4	00-875866	"D" Wire Whip (80 Quart) (Packaged) (Incls. Item 19).....	1
5	00-874647	"ED" Dough Arm (80 Quart) (Packaged) (Incls. Item 19).....	1
6	00-875914	Pastry Knife (80 Quart) (Packaged) (Incls. Item 19).....	1
7	00-874700	Bowl Scraper (80 Quart) (Packaged) (Incls. Item 8).....	1
8	00-435637-00002	Scraper - Bowl (80 Qt.).....	1
9	00-875847	"ED" Dough Arm (140 Quart) (Packaged) (Incls. Item 19).....	1
10	00-916316	"ED" Dough Arm (40 Quart) (Packaged) (Incls. Item 19).....	1
11	00-875906	Pastry Knife (140 Quart) (Packaged) (Incls. Item 19).....	1
12	00-874409	"B" Flat Beater (Alum.) (140 Quart) (Packaged) (Incls. Item 19).....	1
13	00-937382	"B" Flat Beater (SST) (140 Quart) (Packaged) (Incls. Item 20).....	1
14	00-875863	"D" Wire Whip (140 Quart) (Packaged) (Incls. Item 19).....	1
15	00-874699	Bowl Scraper (140 Quart) (Packaged) (Incls. Item 16).....	1
16	00-435637-00003	Scraper - Bowl (140 Quart).....	1
17	00-875938	"C" Wire Whip (140 Quart) (Packaged) (Incls. Item 19).....	1
18	00-875929	"I" Wire Whip (140 Quart) (Packaged).....	1
19	00-874145	Plunger Assy.....	1
20	00-937460	Plunger Assy (SST).....	1



PL-57889

BOWL AND EXTENSIONS

BOWL AND EXTENSIONS

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-57889			
1	00-438081	Splash Cover (40 Quart) (Packaged).....	1
2	00-438082	Splash Cover (60 Quart) (Packaged).....	1
3	00-438083	Splash Cover (80 Quart) (Packaged).....	1
4	00-438084	Splash Cover (140 Quart) (Packaged).....	1
5	00-438104-00004	Bowl Extension Assy. (60 Quart) (Packaged).....	1
6	00-438104-00002	Bowl Extension Assy. (80 Quart) (Packaged).....	1
7	00-916175	Bowl Assy. (40 Quart) (Packaged).....	1
8	00-916174	Bowl Assy. (60 Quart) (Packaged).....	1
9	00-875846	Bowl Assy. (80 Quart) (Packaged).....	1
10	00-875845	Bowl Assy. (140 Quart) (SST) (Packaged).....	1
	00-917344	Bowl Adapter Assy. (140-80 Quart) (Packaged).....	1
	00-917345	NLA - Obsolete--Bowl Adapter Assy. (80-60 Quart) (Packaged).....	1
	00-917346	Bowl Adapter Assy. (80-40 Quart) (Packaged).....	1

