



# CATALOG OF REPLACEMENT PARTS



## HL800CE/AUS & HL1400CE/AUS SERIES LEGACY MIXER

ML-141075	HL800CE
ML-141076	HL800AUS
ML-141079	HL1400CE
ML-141080	HL1400AUS
ML-141112	HL1400N(CE)

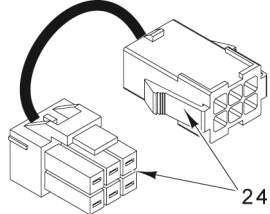
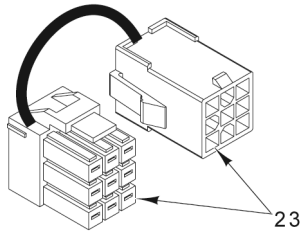
PRIOR ML COVERED IN THIS  
CATALOG

ML-141083	HL1400N(CE)
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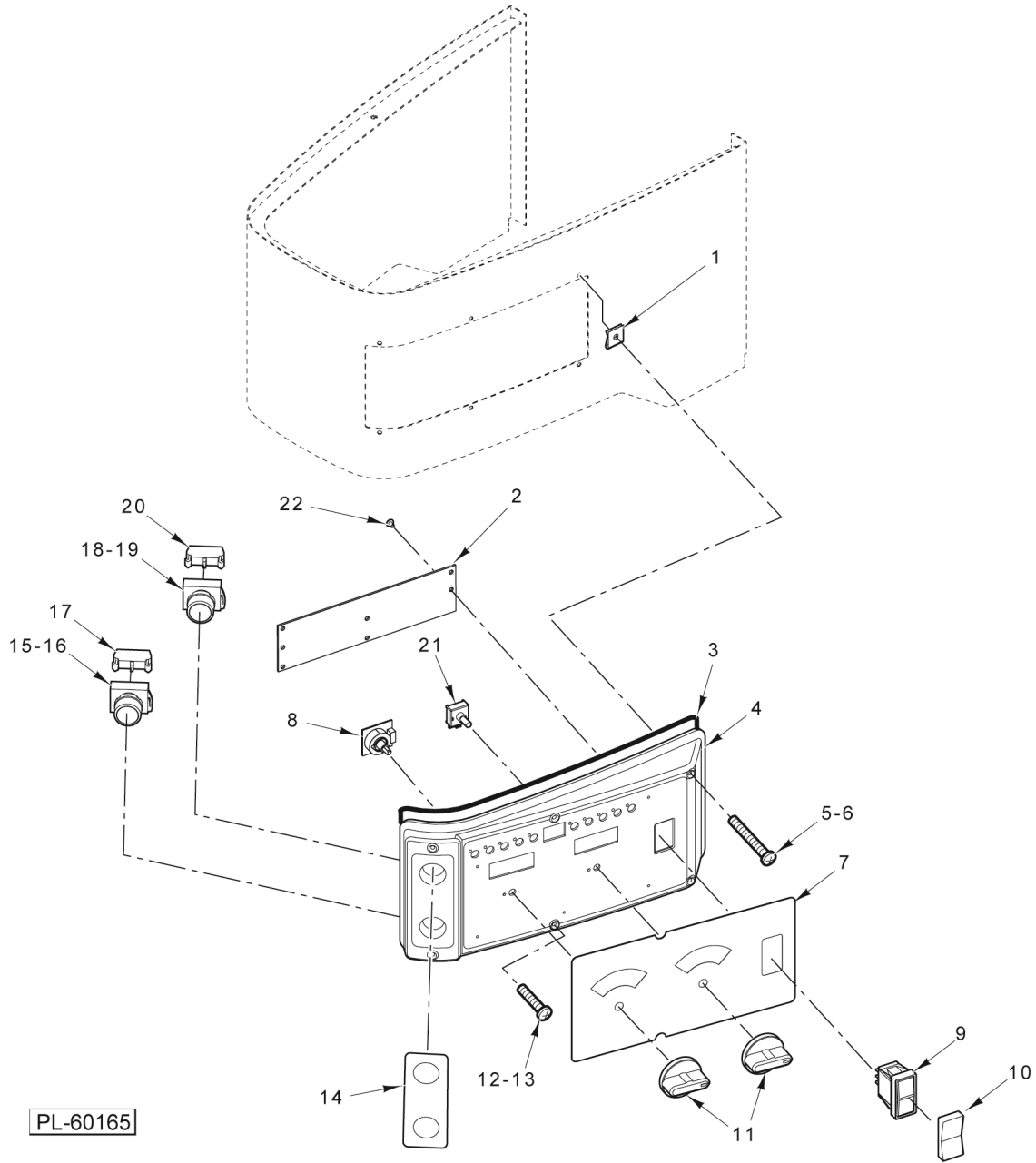


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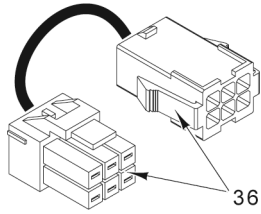
- |    |           |                               |
|----|-----------|-------------------------------|
| 25 | 00-937278 | Harness - Switch (Mix & Stop) |
| 26 | 00-937363 | Harness - Time Pot            |
| 27 | 00-937373 | Harness - SPD Speed           |
- PARTS NOT ILLUSTRATED**



**CONTROL PANEL**

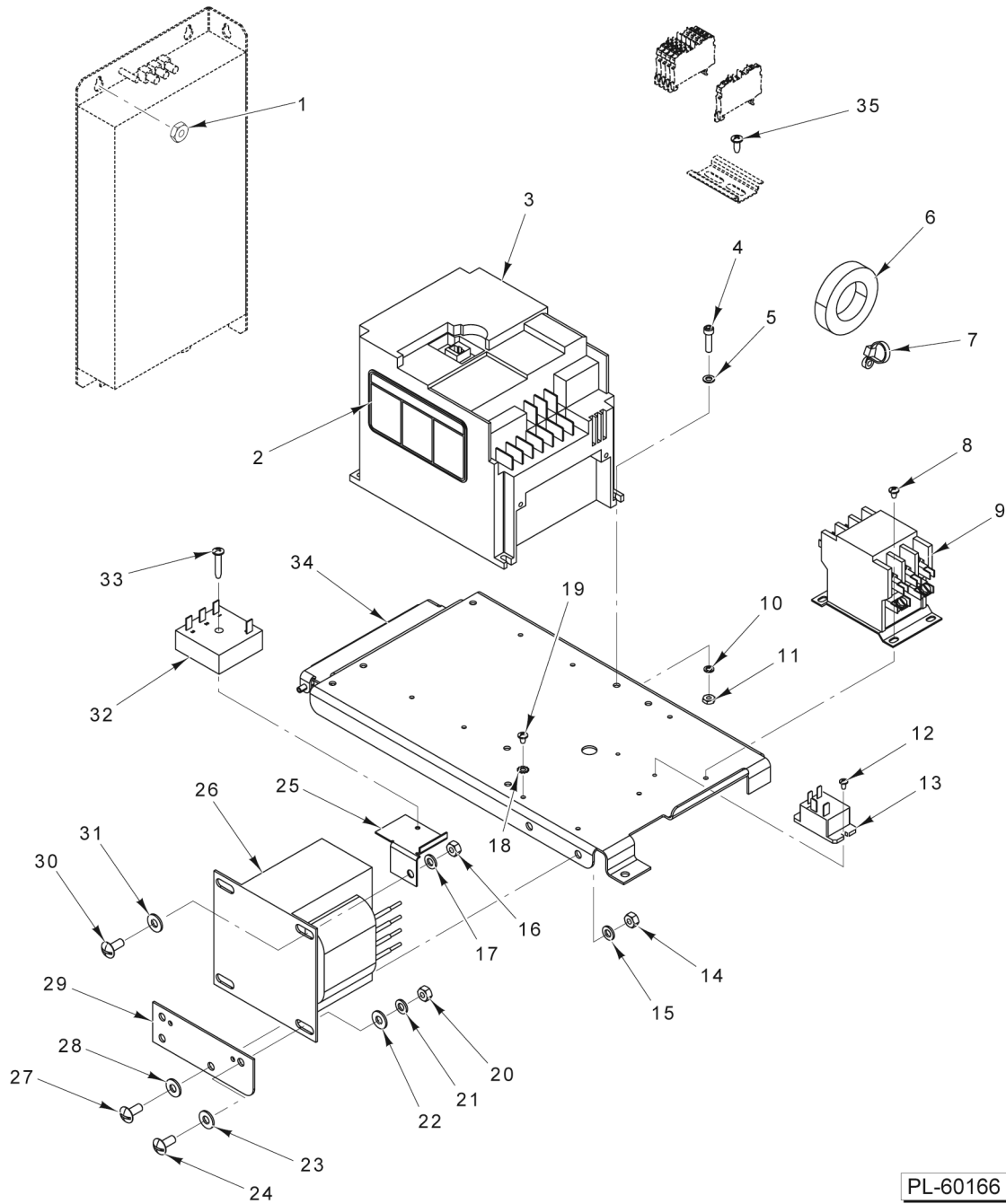
### CONTROL PANEL

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-60165			
1	00-874338	Fastener - Self-Retaining.....	6
2	00-937277	PCB Assy. (Standard Timer).....	1
3	00-875814	Seal - Control Panel.....	1
4	00-917220	Panel - Control.....	1
5	SC-131-37	Mach. Screw 8-32 x 2-1/4 Slotted Oval Hd.....	2
6	SC-128-40	Mach. Screw 8-32 x 2-1/4 Phil. Oval Hd. (SST) (ML-141076 & ML-141080).....	2
7	00-916233	Overlay (Standard Timer).....	1
8	00-937371	PCB Assy. (Speed Select).....	1
9	00-087711-330-1	Switch - Rocker.....	1
10	00-937533	Switch Cover.....	1
11	00-937364	Knob.....	2
12	SC-129-28	Mach. Screw 8-32 x 1-1/2 Slotted Oval Hd. (SST).....	4
13	SC-128-39	Mach. Screw 8-32 x 1-1/2 Phil. Oval Hd. (SST) (ML-141076 & ML-141080).....	4
14	00-875963	Label (Start/Stop).....	1
15	00-478752-00002	Switch - Operator (Stop).....	1
16	00-478751-00001	Cap - Round Push Button (Extended).....	1
17	00-087711-322-4	Block - Contact (NC) (Stop).....	1
18	00-478752-00001	Switch - Operator (Start).....	1
19	00-478753-00001	Cap - Round Push Button (Flush).....	1
20	00-087711-322-3	Block - Contact (Start).....	1
21	00-937361	Potentiometer (Timer).....	1
22	SD-039-23	Self-Tapping Screw 6-32 x 1/4 Hex Washer Hd., Type RL.....	3
23	00-937620	Harness - Service Adapter FEM 6P.....	1
24	00-937622	Harness - Service Adapter FEM 9P.....	1
25	00-937278	Harness - Switch (Mix & Stop).....	1
26	00-937363	Harness - Time Pot.....	1
27	00-937373	Harness - SPD Speed.....	1



- 37 00-917330-00003 Resistor
- 38 00-917330-00004 Resistor
- 39 00-937318 Harness - Main (Universal)
- 40 00-937950 Harness - Interlock Switch
- 41 00-937433 Harness - Drive

**PARTS NOT ILLUSTRATED**

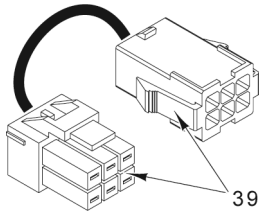


PL-60166

**ELECTRICAL COMPONENTS  
(HL800 SERIES)**

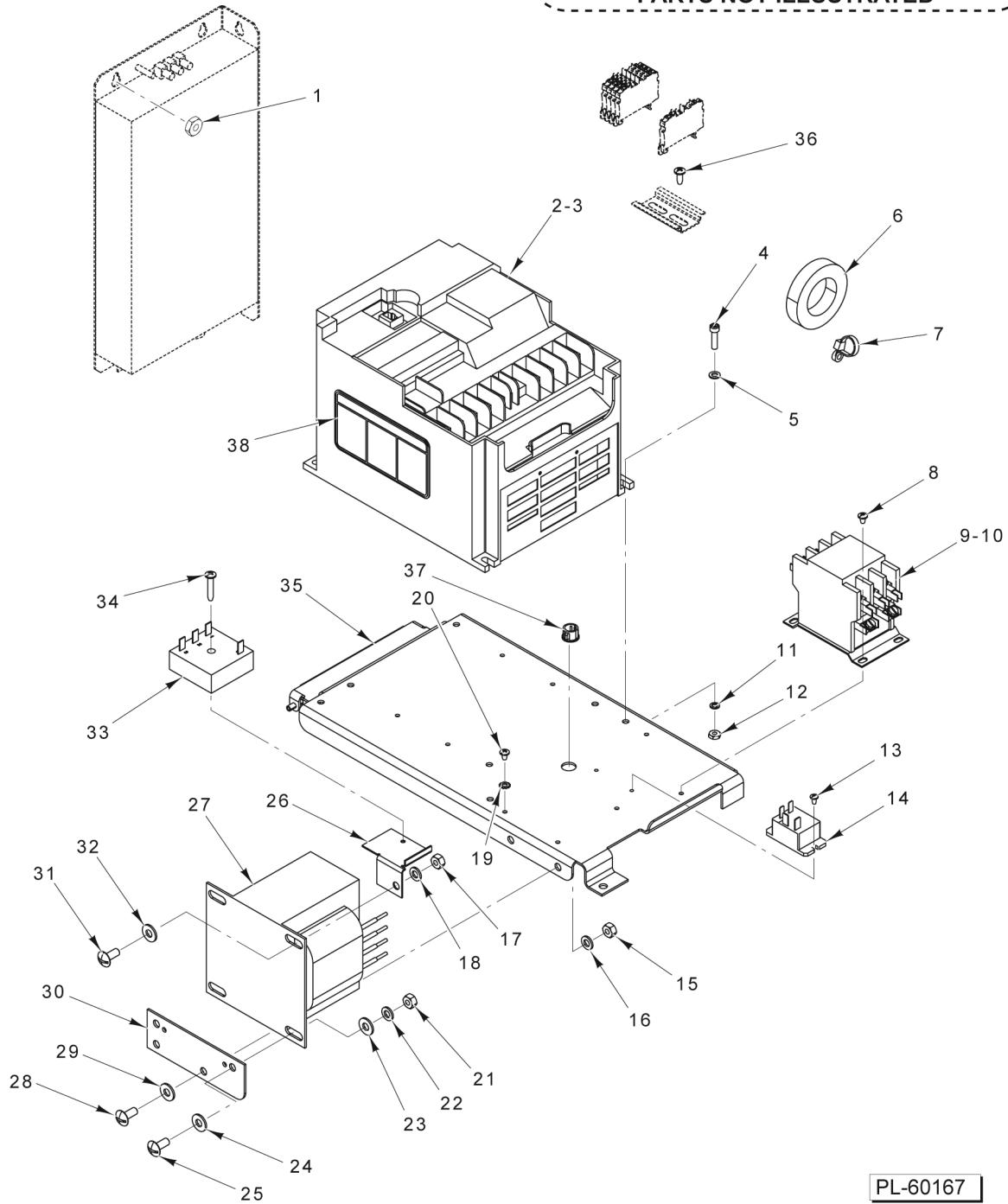
**ELECTRICAL COMPONENTS  
(HL800 SERIES)**

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-60166			
1	NS-009-22	Nut 10-24 Hex.....	3
2	00-438131-00180	Label - Warning.....	1
3	00-937564-00002	Controller (5 Hp.) (Incls. Resistor).....	1
4	SC-040-04	Cap Screw 10-32 x 3/4 Hex Socket Hd.....	4
5	WS-002-15	Washer.....	4
6	00-916185-00001	Ferrite.....	1
7	00-113703	Cable Tie.....	1
8	SD-015-39	Self-Tapping Screw 8-32 x 1/4 Phil. Pan Hd., Type TT.....	2
9	00-087713-107-4	Contact (30 Amp./Aux., 3 Ph.).....	1
10	WL-003-22	Lockwasher #10 Light.....	4
11	NS-009-30	Nut 10-32 Hex.....	4
12	SD-015-37	Self-Tapping Screw 6-32 x 1/4 Phil. Pan Hd., Type TT.....	2
13	00-916904-002-1	Relay (1-Pole) (30 Amp.).....	1
14	NS-013-02	Nut 1/4-20 Hex.....	2
15	WL-003-38	Lockwasher 1/4 Helical.....	2
16	NS-013-02	Nut 1/4-20 Hex.....	1
17	WL-003-38	Lockwasher 1/4 Helical.....	1
18	WL-007-06	Lockwasher #8 External.....	1
19	SD-015-39	Self-Tapping Screw 8-32 x 1/4 Phil. Pan Hd., Type TT.....	1
20	NS-013-02	Nut 1/4-20 Hex.....	2
21	WL-003-38	Lockwasher 1/4 Helical.....	2
22	WS-017-25	Washer.....	2
23	WS-017-25	Washer.....	2
24	SC-120-12	Mach. Screw 1/4-20 x 5/8 Phil. Truss Hd.....	2
25	00-937414	Bracket - Time Delay Relay.....	1
26	00-916905-00003	Transformer (425 VA., 50-60 Hz.).....	1
27	SC-120-12	Mach. Screw 1/4-20 x 5/8 Phil. Truss Hd.....	2
28	WS-017-25	Washer.....	2
29	00-937415	Bracket - Transformer.....	1
30	SC-120-12	Mach. Screw 1/4-20 x 5/8 Phil. Truss Hd.....	1
31	WS-017-25	Washer.....	1
32	00-916642	Relay - Time Delay.....	1
33	SD-022-25	Self-Tapping Screw 10-16 x 1 Phil. Pan Hd.....	1
34	00-937418	Plate Assy. - Drive Mount.....	1
35	SC-018-62	Mach. Screw 10-24 x 3/8 Phil. Pan Hd.....	2
36	00-937619	Harness - Service Adapter Male 6P.....	1
37	00-917330-00003	Resistor (200-240 V.).....	1
38	00-917330-00004	Resistor (380-460 V.).....	1
39	00-937318	Harness - Main (Universal).....	1
40	00-937950	Harness - Interlock Switch.....	1
41	00-937946	Harness - Drive.....	AR



- 40 00-917330-00005 Resistor
- 41 00-917330-00006 Resistor
- 42 00-937318 Harness - Main (Universal)
- 43 00-937950 Harness - Interlock Switch
- 44 00-937446 Harness - Drive
- 45 00-937570 Cover - Drive Terminal

**PARTS NOT ILLUSTRATED**

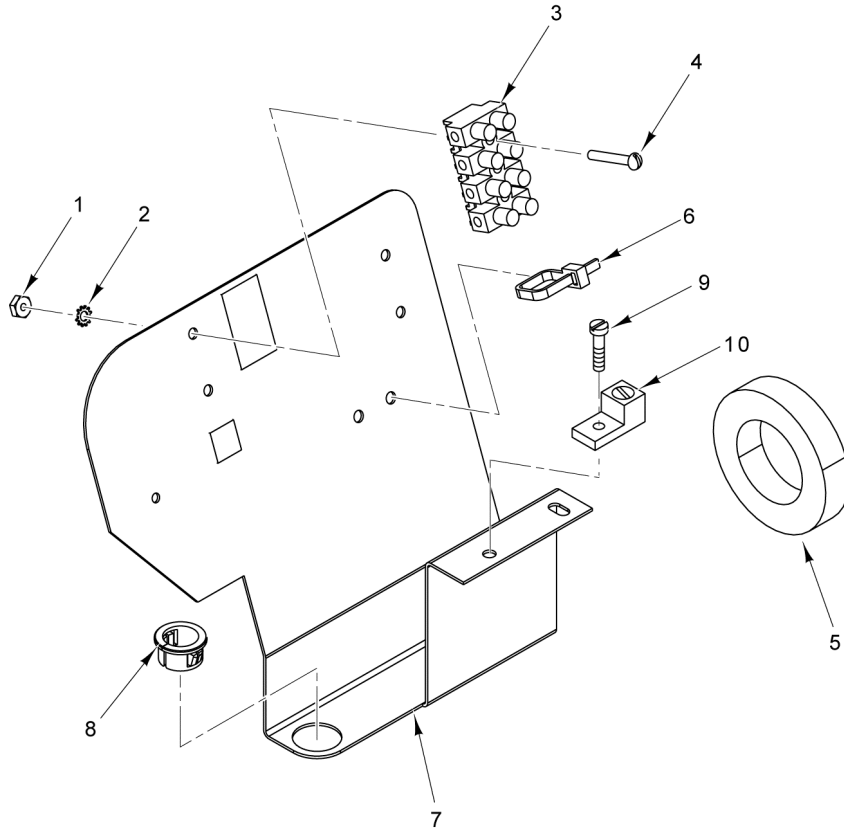


PL-60167

**ELECTRICAL COMPONENTS  
(HL1400 SERIES)**

**ELECTRICAL COMPONENTS  
(HL1400 SERIES)**

ILLUS. PL-60167	PART NO.	NAME OF PART	AMT.
1	NS-009-22	Nut 10-24 Hex.....	3
2	00-937333-00002	Controller (10 Hp.) (ML-141079 & ML-141080).....	1
3	00-937334-00002	Controller (10 Hp.) (ML-141083 & ML-141112).....	1
4	SC-040-04	Cap Screw 10-32 x 3/4 Hex Socket Hd.....	4
5	WS-002-15	Washer.....	4
6	00-916185-00001	Ferrite.....	1
7	00-113703	Cable Tie.....	1
8	SD-015-39	Self-Tapping Screw 8-32 x 1/4 Phil. Pan Hd., Type TT.....	2
9	00-087713-107-4	Contact (30 Amp./Aux., 3 Ph.).....	1
10	00-087713-107-5	Contact (30 Amp./Aux., 3 Ph.) (ML-141112).....	1
11	WL-003-22	Lockwasher #10 Light.....	4
12	NS-009-30	Nut 10-32 Hex.....	4
13	SD-015-37	Self-Tapping Screw 6-32 x 1/4 Phil. Pan Hd., Type TT.....	2
14	00-916904-002-1	Relay (1-Pole) (30 Amp.).....	1
15	NS-013-02	Nut 1/4-20 Hex.....	2
16	WL-003-38	Lockwasher 1/4 Helical.....	2
17	NS-013-02	Nut 1/4-20 Hex.....	1
18	WL-003-38	Lockwasher 1/4 Helical.....	1
19	WL-007-06	Lockwasher #8 External.....	1
20	SD-015-39	Self-Tapping Screw 8-32 x 1/4 Phil. Pan Hd., Type TT.....	1
21	NS-013-02	Nut 1/4-20 Hex.....	2
22	WL-003-38	Lockwasher 1/4 Helical.....	2
23	WS-017-25	Washer.....	2
24	WS-017-25	Washer.....	2
25	SC-120-12	Mach. Screw 1/4-20 x 5/8 Phil. Truss Hd.....	2
26	00-937414	Bracket - Time Delay Relay.....	1
27	00-916905-00003	Transformer (425 VA., 50-60 Hz.).....	1
28	SC-120-12	Mach. Screw 1/4-20 x 5/8 Phil. Truss Hd.....	2
29	WS-017-25	Washer.....	2
30	00-937415	Bracket - Transformer.....	1
31	SC-120-12	Mach. Screw 1/4-20 x 5/8 Phil. Truss Hd.....	1
32	WS-017-25	Washer.....	1
33	00-916642	Relay - Time Delay.....	1
34	SD-022-25	Self-Tapping Screw 10-16 x 1 Phil. Pan Hd.....	1
35	00-937418	Plate Assy. - Drive Mount.....	1
36	SC-018-62	Mach. Screw 10-24 x 3/8 Phil. Pan Hd.....	2
37	FE-016-31	Bushing - Snap 3/8.....	1
38	00-438131-00180	Label - Warning.....	1
39	00-937619	Harness - Service Adapter Male 6P.....	1
40	00-917330-00005	Resistor.....	1
41	00-917330-00006	Resistor.....	1
42	00-937318	Harness - Main (Universal).....	1
43	00-937950	Harness - Interlock Switch.....	1
44	00-937946	Harness - Drive.....	1
45	00-937570	Cover - Drive Terminal (ML-141112).....	1

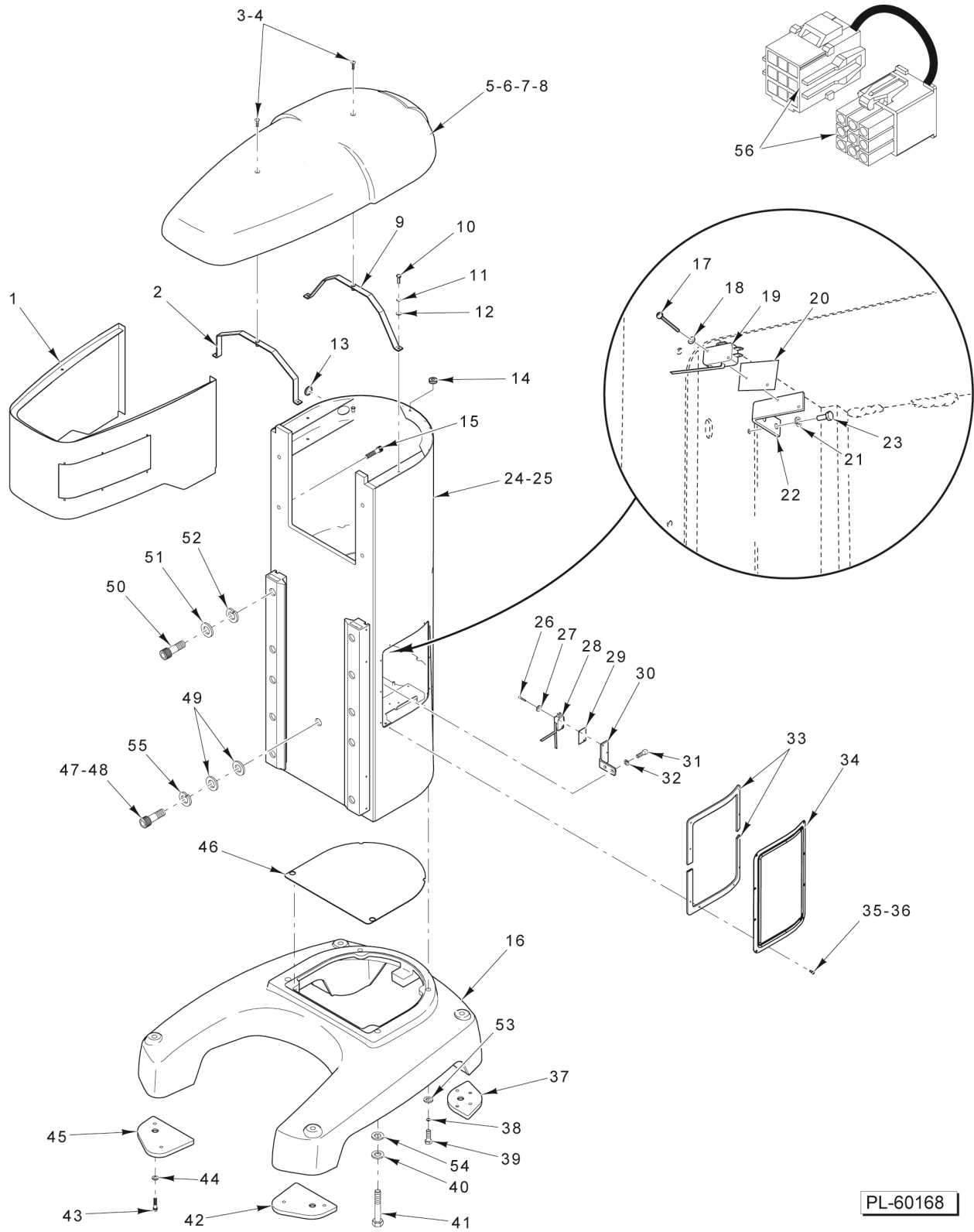


PL-60177

### WIRE SHIELD COMPONENTS

**WIRE SHIELD COMPONENTS**

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-60177			
1	NS-009-07	Nut 6-32 Hex.....	2
2	WL-014-03	Lockwasher #6 External (SST).....	2
3	00-477562-00002	Block - Terminal.....	1
4	SC-009-64	Mach. Screw 6-32 x 1 Slotted Rd. Hd.....	2
5	00-916185-00001	Ferrite.....	1
6	00-113703	Cable Tie.....	1
7	00-916173	Shield - Wire.....	1
8	FE-021-13	Bushing (Nylon) 1/2 I.D.....	1
9	SD-029-02	Self-Tapping Screw 10-24 x 1/2 Slotted Pan Hd., Type F (ML-141112).....	1
10	00-118544-00001	Lug - Solderless (ML-141112).....	1

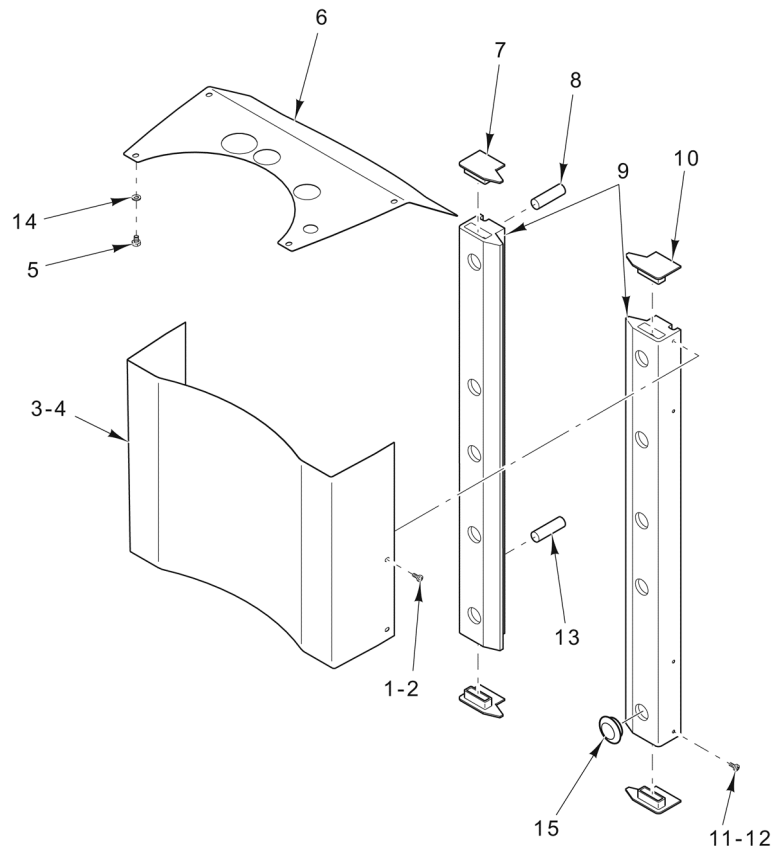


**BASE AND PEDESTAL**

PL-60168

## BASE AND PEDESTAL

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-60168			
1	00-875860	Wrapper Assy. - Transmission.....	1
2	00-874569	Strap Assy. - Top Cover.....	1
3		Machine Screw 1/4-20 x 1 Phil Oval Hd. (All Except ML-141076 & ML-141080).....	2
4	SC-120-29	Mach. Screw 1/4-20 x 1 Phil. Oval Hd. (ML-141076 & ML-141080).....	2
5	00-917219-00002	Top - Cover (All Except ML-141076, ML-141080, & ML-141112).....	1
6	00-917219	Top - Cover (ML-141076 & ML-141080, & ML-141112).....	1
7	00-874512-00001	Seal - Top Cover (Rear).....	1
8	00-874512-00002	Seal - Top Cover.....	1
9	00-874571	Strap Assy. - Top Cover.....	1
10	SC-036-06	Cap Screw 1/4-20 x 1 Hex Hd.....	4
11	WL-003-38	Lockwasher 1/4 Helical.....	4
12	WS-003-43	Washer.....	4
13	FE-026-44	Relief - Electrical Strain.....	1
14	FE-024-23	Bushing - Electrical (Snap).....	1
15	SC-120-38	Cap Screw 5/16-18 x 1 Hex Hd.....	4
16	00-873960-003-2	Base.....	1
17	SC-060-40	Mach. Screw 4-40 x 5/8 Slotted Rd. Hd.....	2
18	WL-003-03	Lockwasher #4 Helical.....	2
19	00-087711-00248	Switch - Bowl Height.....	1
20	00-873376	Insulator.....	1
21	WL-003-38	Lockwasher 1/4 Helical.....	2
22	00-874578	Bracket - Bowl Height Switch.....	1
23	SC-089-02	Cap Screw 1/4-20 x 3/4 Hex Socket Hd.....	2
24	00-916056-00002	Pedestal (HL800 Series).....	1
25	00-916051-00002	Pedestal (HL1400 Series).....	1
26	SC-060-40	Mach. Screw 4-40 x 5/8 Slotted Rd. Hd.....	2
27	WL-003-03	Lockwasher #4 Helical.....	2
28	00-087711-00248	Switch - Bowl Height.....	1
29	00-873376	Insulator.....	1
30	00-873371	Bracket - Down Limit Switch.....	1
31	SC-089-02	Cap Screw 1/4-20 x 3/4 Hex Socket Hd.....	2
32	WL-003-38	Lockwasher 1/4 Helical.....	2
33	00-875815	Seal - Side Panel.....	2
34	00-937159-00002	NLA - Obsolete--Cover - Side (Incls. Item 33).....	1
35	SC-093-03	Mach. Screw 8-32 x 3/8 Slotted Pan Hd. (SST) (All Except ML-141076 & ML-141080) .....	8
36	SD-009-41	Self-Tapping Screw 8-32 x 3/8 Phil. Pan Hd., Type F (SST) (ML-141076 & ML-141080) .....	8
37	00-874149	Pad - Foot (Rear).....	2
38	WL-004-11	Lockwasher 1/2 Helical.....	2
39	SC-037-01	Cap Screw 1/2-13 x 1-1/2 Hex Hd.....	2
40	WL-004-19	Lockwasher 5/8 Helical.....	2
41	SC-062-18	Cap Screw 5/8-11 x 3-1/4 Hex Hd.....	2
42	00-874150	Pad - Foot (Left).....	1
43	SC-110-03	Cap Screw 3/8-16 x 3/4 Hex Socket Hd.....	8
44	WS-005-49	Washer.....	8
45	00-874153	Pad - Foot (Right).....	1
46	00-874327	Plate - Pedestal Bottom.....	1
47	SC-110-55	Cap Screw 1/2-20 x 1-1/4 Socket Hex Hd. (All Except ML-141083).....	1
48	SC-131-09	Set Screw 1/2-20 x 1/2 Hex Hdls., SL Cup Pt. (ML-141083).....	1
49	WS-008-04	Washer (All Except ML-141083).....	2
50	SC-040-69	Cap Screw 1/2-20 x 2 Hex Socket Hd.....	10
51	WL-004-11	Lockwasher 1/2 Helical.....	10
52	WS-008-04	Washer.....	10
53	WS-008-04	Washer.....	2
54	WS-030-85	Washer.....	6
55	WL-004-11	Lockwasher 1/2 Helical (All Except ML-141083).....	1
56	00-937621	Harness - Service Adapter Male 9P.....	1



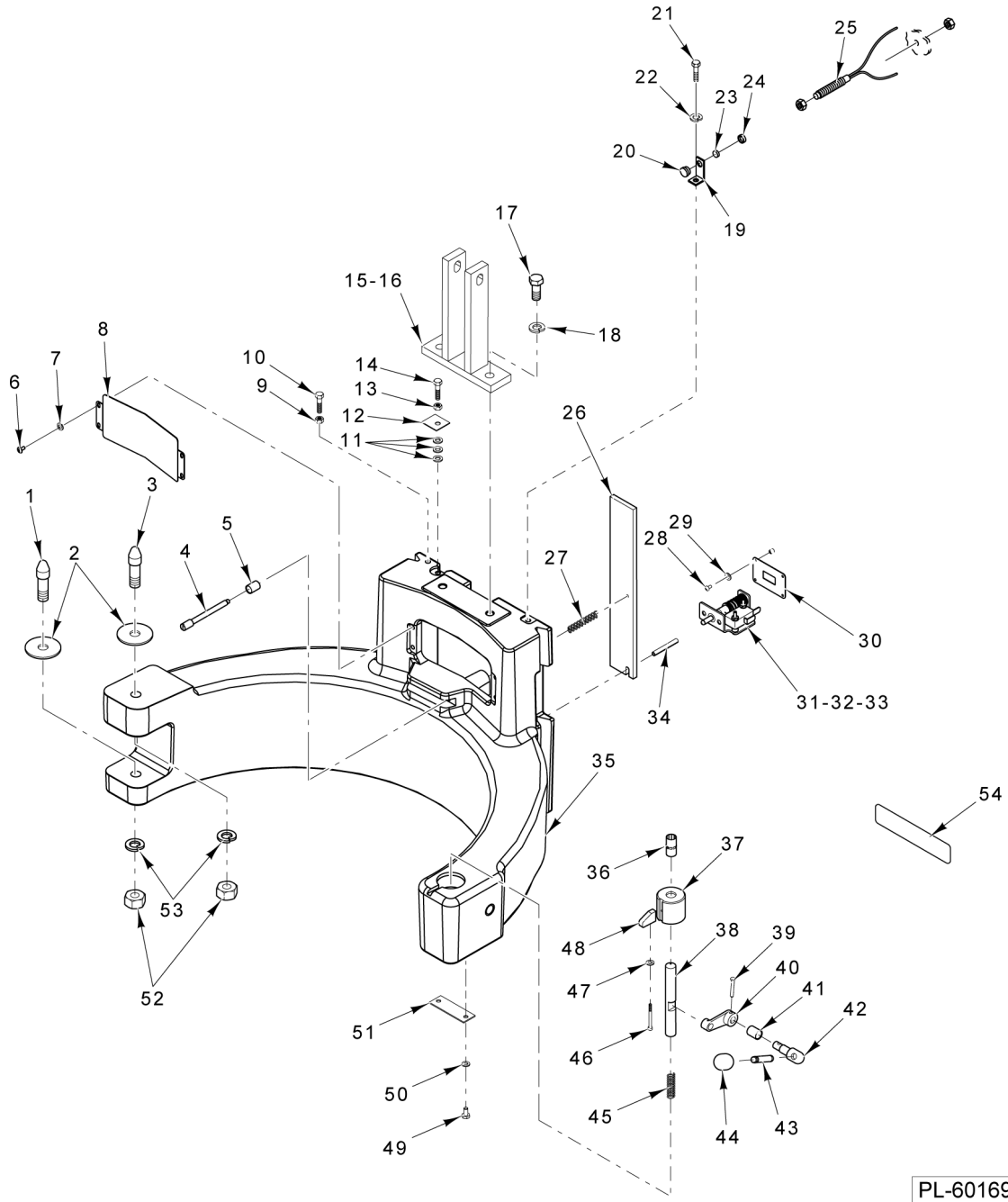
PL-60182

### APRON AND SLIDEWAYS

**APRON AND SLIDEWAYS**

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-60182			
1	SC-021-21	Mach. Screw 10-24 x 1/4 Slotted Pan Hd. (SST).....	4
2	SC-128-95	Mach. Screw 10-24 x 1/4 Phil. Rd. Hd. (ML-141076 & ML-141080).....	4
3	00-916087	Apron - Back (HL800 Series).....	1
4	00-916088	Apron - Back (HL1400 Series).....	1
5	SC-041-86	Cap Screw 1/4-20 x 3/8 Hex Hd. (SST).....	4
6	00-874597	Apron - Top.....	1
7	00-479619	Cap - Slideway.....	2
8	00-011800-00143	Pin - Dowel 1/2 x 1-3/4 SAE.....	1
9	00-479598	Slideway.....	2
10	00-479618	Cap - Slideway.....	2
11	SC-021-21	Mach. Screw 10-24 x 1/4 Slotted Pan Hd. (SST).....	4
12	SC-128-95	Mach. Screw 10-24 x 1/4 Phil. Rd. Hd. (ML-141076 & ML-141080).....	4
13	00-011800-00143	Pin - Dowel 1/2 x 1-3/4 SAE.....	1
14	WL-003-38	Lockwasher 1/4 Helical.....	4
15	PB-005-11	Plug - Button.....	10

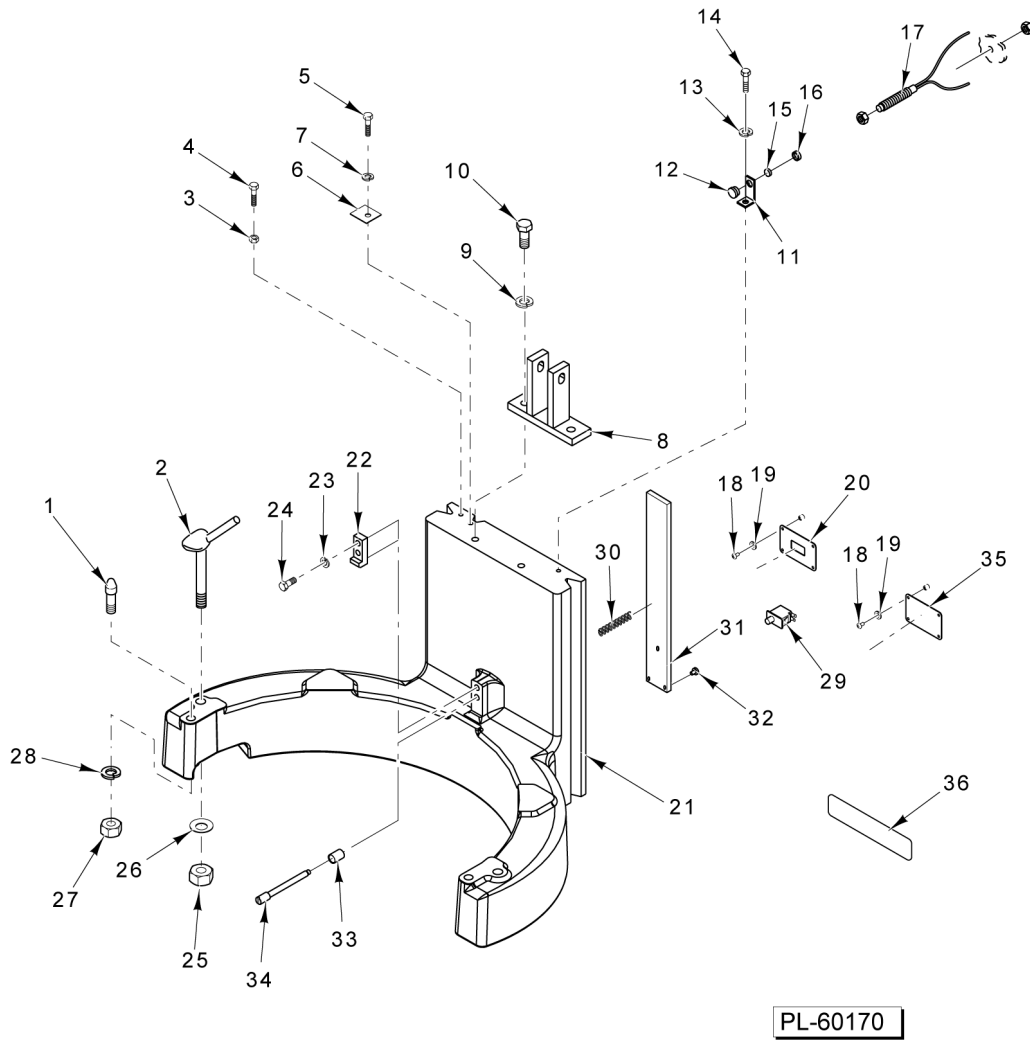
55 00-874139 Handle Assy. - Bowl Lock  
**PART NOT ILLUSTRATED**



**BOWL SUPPORT  
(ALL EXCEPT ML-141083 & ML-141112)**

**BOWL SUPPORT  
(ALL EXCEPT ML-141083 & ML-141112)**

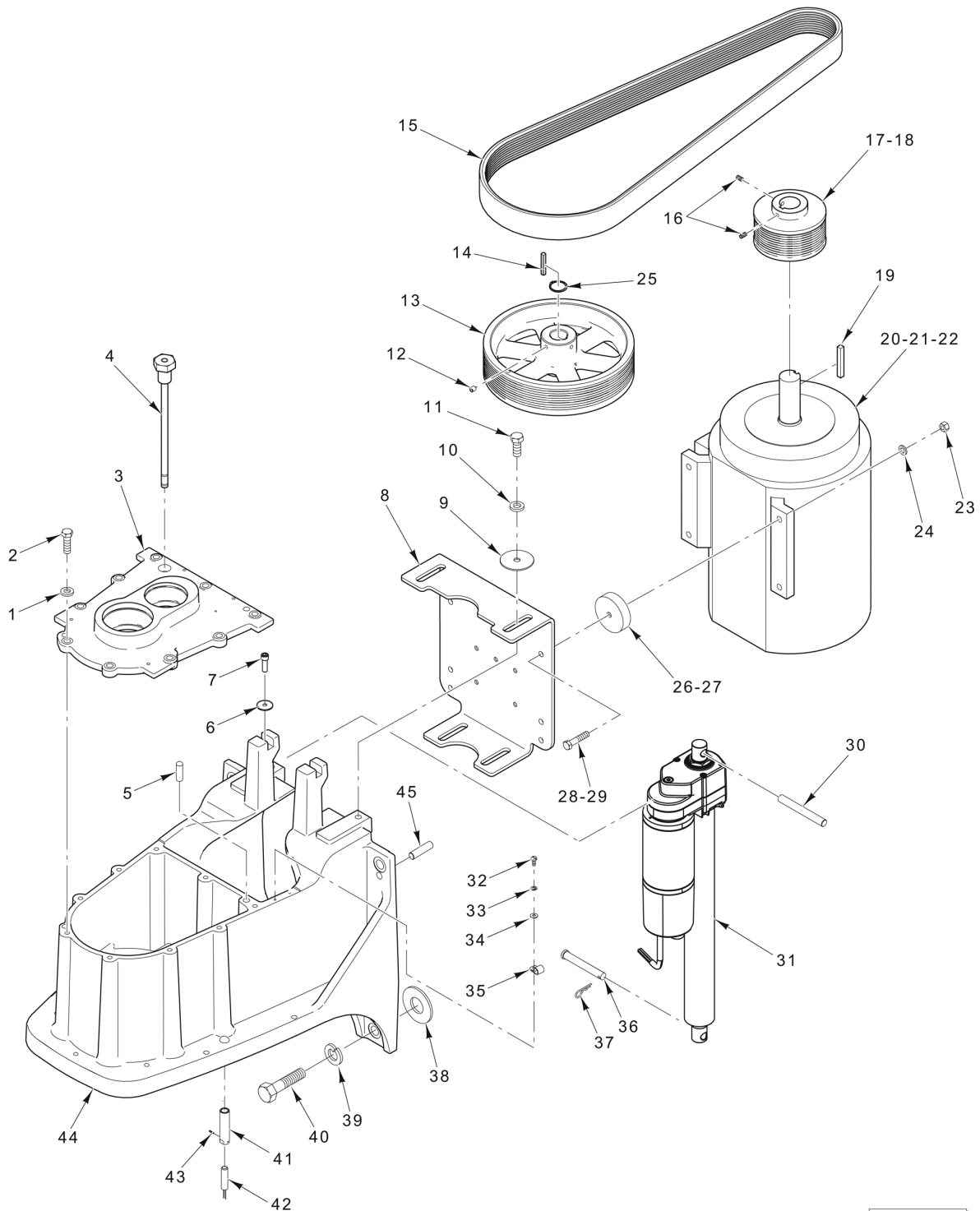
ILLUS.	PART NO.	NAME OF PART	AMT.
PL-60169			
1	00-916021	Pin - Bowl.....	1
2	00-916022	Bushing - Bowl Support.....	2
3	00-916351	Pin - Upper Bowl.....	1
4	00-874387	Pin - Limit.....	1
5	00-874492	Bushing - Bowl-In.....	1
6	SC-128-96	Mach. Screw 8-32 x 3/8 Phil. Truss Hd. (SST).....	4
7	WL-006-02	Lockwasher #8 Helical (SST).....	4
8	00-916605	Shield - Yoke.....	1
9	NS-013-14	Nut 5/16-18 Hex.....	1
10	SC-036-40	Cap Screw 5/16-18 x 1-1/4 Hex Hd.....	1
11	WS-006-36	Washer.....	3
12	00-916359	Plate - Stop Bowl Travel.....	1
13	NS-013-14	Nut 5/16-18 Hex.....	1
14	SC-036-40	Cap Screw 5/16-18 x 1-1/4 Hex Hd.....	1
15	00-873352-00003	Actuator - Bracket (HL800 Series).....	1
16	00-873352-00002	Actuator - Bracket (HL1400 Series).....	1
17	SC-062-88	Cap Screw 1/2-13 x 1-1/4 Hex Hd.....	2
18	WL-004-11	Lockwasher 1/2 Helical.....	2
19	00-916079	Bracket - Magnet.....	1
20	00-917358	Holder - Magnet (Lower).....	1
21	SC-087-23	Cap Screw 5/16-18 x 1/2 Hex Socket Hd.....	1
22	WL-003-44	Lockwasher 5/16 Helical.....	1
23	00-874875	Magnet - Disc.....	1
24	00-917357	Holder - Magnet (Upper).....	1
25	00-874929	Switch - Reed.....	1
26	00-874566-00002	Plate - Bowl In Switch.....	1
27	00-873377	Spring - Bowl Pin.....	1
28	SC-018-33	Mach. Screw 8-32 x 5/16 Phil. Pan Hd.....	2
29	WL-003-12	Lockwasher #8 Helical.....	2
30	00-874479	Plate - Bowl In Switch.....	1
31	00-874893-00002	Retainer.....	1
32	00-874903-00002	Switch Assy (HL800 Series).....	1
33	00-916391	Switch Assy. (HL1400 Series).....	1
34	RP-004-28	Pin - Roll 0.250.....	1
35	00-873337	Yoke - Bowl.....	1
36	00-874390	Bushing - Bowl Lock.....	1
37	00-874376	Button - Bowl Rest.....	1
38	00-874391	Pin - Bowl.....	1
39	00-874388	Detent - Clevis Pin.....	1
40	00-874218	Clevis - Bowl Lock.....	1
41	00-874138	Bushing - Bowl Pin Cam.....	1
42	00-874220	Handle - Bowl Pin.....	1
43	00-874197	Shaft - Bowl Pin Handle.....	1
44	00-875356	Handle - Lift Lever.....	1
45	00-874198	Spring - Bowl Pin.....	1
46	SC-092-27	Cap Screw 8-32 x 1-3/4 Hex Socket Hd.....	1
47	WL-003-12	Lockwasher #8 Helical.....	1
48	00-874380	Ramp - Wear.....	1
49	SC-036-14	Cap Screw 1/4-20 x 1/2 Hex Hd.....	2
50	WL-003-38	Lockwasher 1/4 Helical.....	2
51	00-874199	Strap - Spring Retaining.....	1
52	NS-013-40	Nut 5/8-11 Hex.....	2
53	WL-004-18	Lockwasher 5/8 Light.....	2
54	00-938113	Label - Unlock Warning (Trilingual).....	1
55	00-874139	Handle Assy. - Bowl Lock (Incls. Items 42, 43, & 44).....	1



**BOWL SUPPORT  
(ML-141083 & ML-141112)**

**BOWL SUPPORT  
(ML-141083 & ML-141112)**

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-60170			
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-036-40	Cap Screw 5/16-18 x 1-1/4 Hex Hd.....	1
5	SC-041-09	Cap Screw 5/16-18 x 1/2 Hex Hd. (SST).....	1
6	00-916359	Plate - Stop Bowl Travel.....	1
7	WL-003-44	Lockwasher 5/16 Helical.....	3
8	00-873352-00002	Actuator - Bracket.....	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	00-916079	Bracket - Magnet.....	1
12	00-917358	Holder - Magnet (Lower).....	1
13	WL-003-44	Lockwasher 5/16 Helical.....	1
14	SC-087-23	Cap Screw 5/16-18 x 1/2 Hex Socket Hd.....	1
15	00-874875	Magnet - Disc.....	1
16	00-917357	Holder - Magnet (Upper).....	1
17	00-874929	Switch - Reed.....	1
18	SC-018-33	Mach. Screw 8-32 x 5/16 Phil. Pan Hd.....	2
19	WL-003-12	Lockwasher #8 Helical.....	2
20	00-874479	Plate - Bowl In Switch (ML-141112).....	1
21	00-917198-00002	Support - Bowl.....	1
22	00-064394-00002	Retainer - Bowl.....	1
23	WL-004-02	Lockwasher 3/8 Helical.....	2
24	SC-040-23	Cap Screw 3/8-16 x 1-1/4 Hex Socket Hd.....	2
25	NS-046-18	Lock Nut 5/8-11 Hex Nylok.....	1
26	00-064636	Washer - Bowl Clamp.....	2
27	NS-013-30	Nut 1/2-13 Hex.....	1
28	WL-006-36	Lockwasher 1/2 Helical.....	2
29	00-087711-00338	Switch - Panel Front.....	1
30	00-873377	Spring - Bowl Pin (ML-141112).....	1
31	00-937604	Bar - Bowl-In Switch (ML-141112).....	1
32	00-915308	Plug - Rulon (ML-141112).....	2
33	00-874492	Bushing - Bowl-In (ML-141112).....	1
34	00-874387	Pin - Limit (ML-141112).....	1
35	00-874479	Plate - Bowl In Switch (ML-141083).....	1
36	00-938113	Label - Unlock Warning (Trilingual).....	1

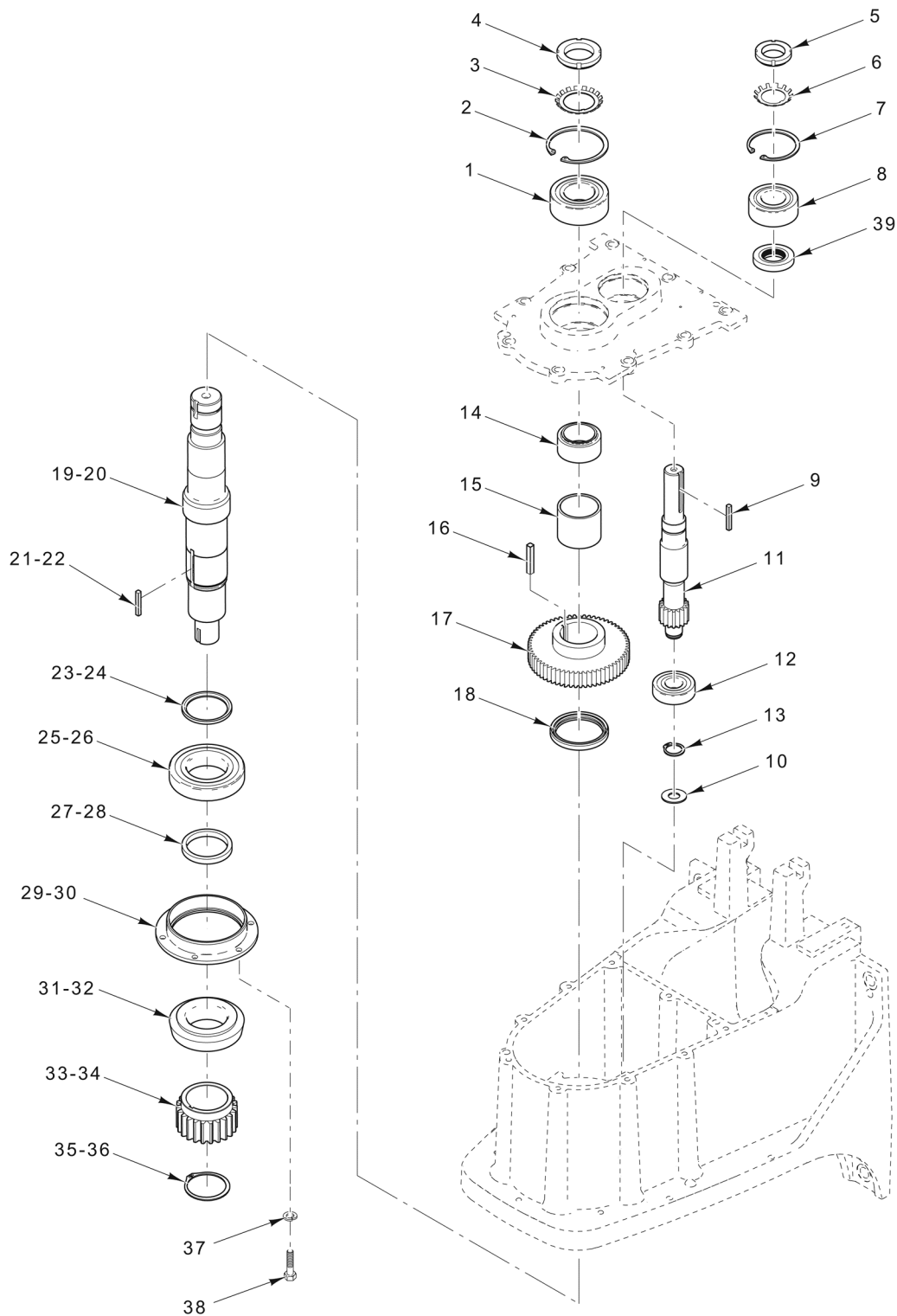


PL-60171

**TRANSMISSION CASE AND MOTOR**

**TRANSMISSION CASE AND MOTOR**

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-60171			
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	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	00-875939	Sheave - Drive (HL800 Series).....	1
18	00-875805	Sheave - Drive (HL1400 Series).....	1
19	00-875419-00081	Key 5/16 x 5/16 x 2-3/8.....	1
20	00-875995-00002	Motor Assy. (HL800 Series).....	1
21	00-916869-00001	Motor Assy. (HL1400N).....	1
22	00-875993-00002	Motor Assy. (HL1400 Series).....	1
23	NS-013-22	Nut 3/8-16 Hex.....	4
24	WL-004-06	Lockwasher 3/8 Helical.....	4
25	RR-007-02	Retaining Ring.....	1
26	00-875940	NLA - Obsolete--Spacer (HL800 Series).....	4
27	00-873363	NLA - Obsolete--Spacer (HL1400 Series).....	4
28	SC-118-08	Cap Screw 3/8-16 x 1-3/4 Hex Hd. (HL800 Series).....	4
29	SC-124-91	Cap Screw 3/8-16 x 2-1/2 Hex Hd. (HL1400 Series).....	4
30	00-874315	Pin - Actuator (Upper).....	1
31	00-937426	Actuator Assy.....	1
32	SC-018-20	Mach. Screw 10-24 x 1/2 Slotted Pan Hd.....	2
33	WL-003-22	Lockwasher #10 Light.....	2
34	WS-002-51	Washer.....	2
35	00-078752-00012	Clamp - Cable.....	1
36	00-874117-00002	Pin - Clevis.....	1
37	PC-003-50	Cotter Pin 7/64 x 1 Lg.....	1
38	00-072992-00001	Shim - Transmission Case (0.010 Thk.).....	AR
39	WL-004-19	Lockwasher 5/8 Helical.....	4
40	SC-129-34	Cap Screw 5/8-11 x 1-1/2 Hex Hd.....	4
41	00-874128	Extension - Bowl Guard Switch (Bowl Guard).....	1
42	00-874958-00005	Switch - Reed.....	1
43	SC-075-14	Set Screw 6-32 x 1/8 Hex Hdls., Cup Pt.....	1
44	00-874641	Case - Transmission.....	1
45	00-508208	Pin - Dowel.....	2

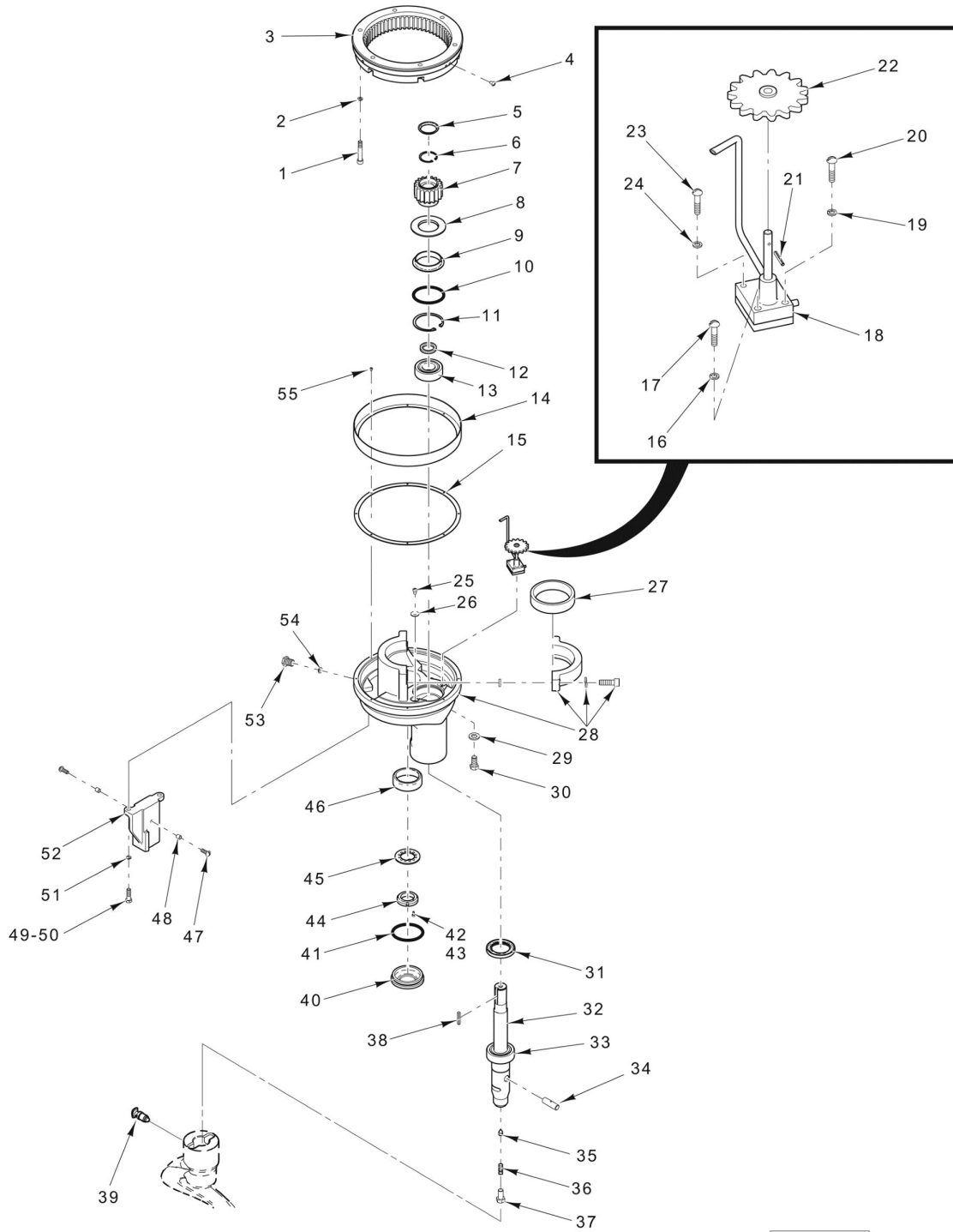


PL-60172

**TRANSMISSION**

**TRANSMISSION**

ILLUS. PL-60172	PART NO.	NAME OF PART	AMT.
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	00-875419-00069	Key - Chamfered.....	1
10	SL-005-17	Spring - Wave.....	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 (HL800 Series).....	1
20	00-874452	Shaft - Planetary (HL1400 Series).....	1
21	00-875419-00078	Key - Chamfered (HL800 Series).....	1
22	00-875419-00066	Key - Chamfered (HL1400 Series).....	1
23	00-064467	Spacer - Upper (Lower Planetary) (HL800 Series).....	1
24	00-067900	Spacer - Upper (Lower Planetary) (HL1400 Series).....	1
25	BB-007-07	Ball Bearing - Sgl. Rod (HL800 Series).....	1
26	BB-021-49	Bearing - Ball Sgl. Rod (HL1400 Series).....	1
27	00-875858	Spacer - Lower (Lower Planetary) (HL800 Series).....	1
28	00-874567	Spacer - Lower (Lower Planetary) (HL1400 Series).....	1
29	00-875857	Carrier - Lower Bearing (HL800 Series).....	1
30	00-874451	Carrier - Lower Bearing (HL1400 Series).....	1
31	BR-002-14	Roller Bearing - Cup & Cone Assy. (HL800 Series).....	1
32	BR-002-31	Roller Bearing - Cup & Cone Assy. (HL1400 Series).....	1
33	00-064386	Gear - Sun (HL800 Series).....	1
34	00-067904	Gear - Sun (HL1400 Series).....	1
35	RR-004-14	Retaining Ring (HL800 Series).....	1
36	RR-011-96	Retaining Ring (HL1400 Series).....	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.....	1

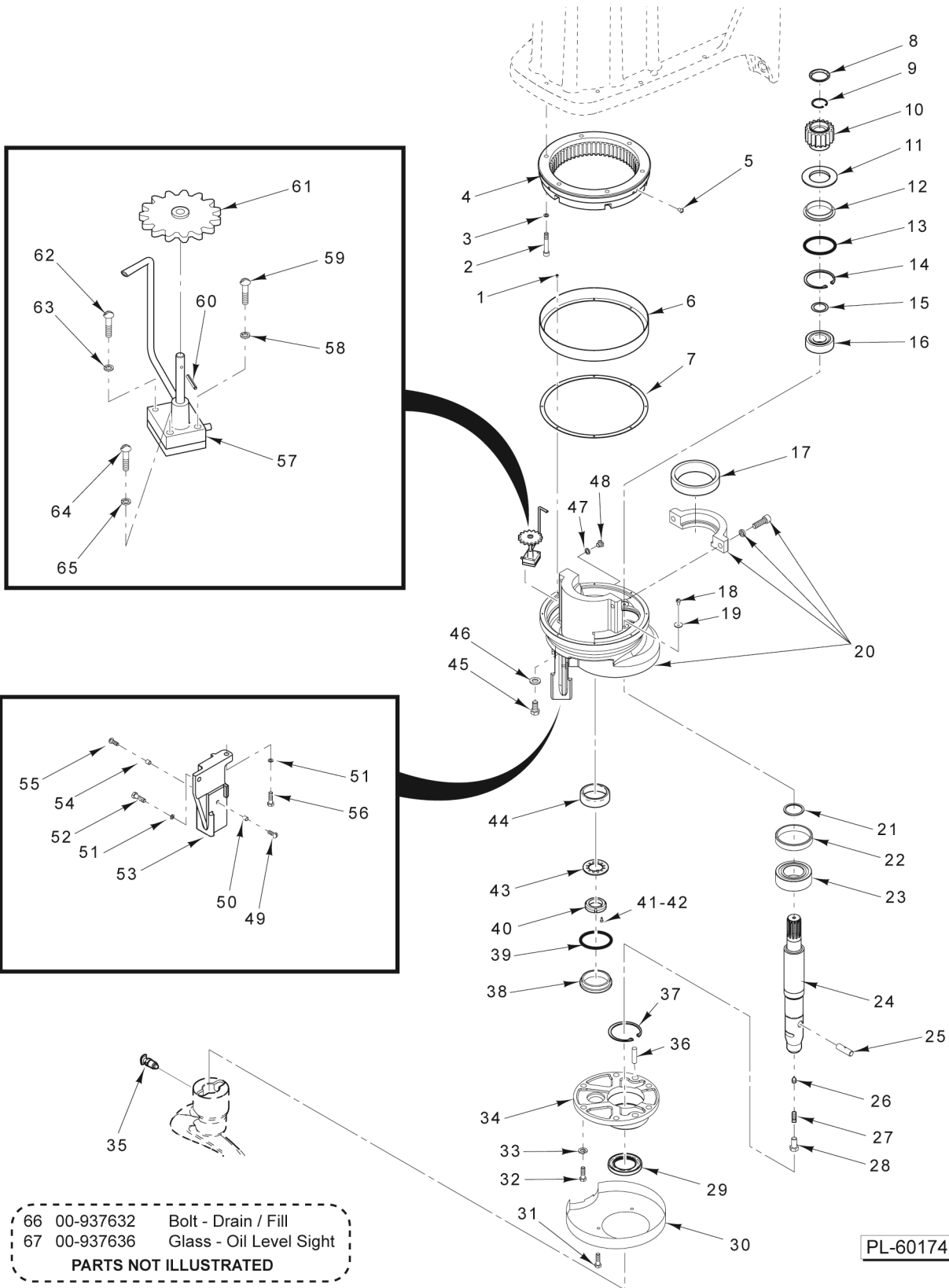


PL-60173

**PLANETARY  
(HL800 SERIES)**

**PLANETARY  
(HL800 SERIES)**

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-60173			
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-021-39	Mach. Screw 1/4-20 x 5/8 Slotted Rd. Hd. (SST).....	3
5	00-060071	Cap - Oil Retaining.....	1
6	RR-005-08	Retaining Ring.....	1
7	00-064732	Internal Pinion & Deflector Assy. (18T) (Incls. Item 8).....	1
8	00-065372	NLA - Obsolete--Deflector - Oil.....	1
9	00-073011	Baffle - Planetary Oil.....	1
10	00-067500-00021	O-Ring.....	1
11	RR-004-24	Retaining Ring.....	1
12	00-065408	Spacer - Agitator Shaft.....	1
13	BB-006-36	Ball Bearing.....	1
14	00-064478	Extension.....	1
15	00-064464	Gasket.....	1
16	WL-003-22	Lockwasher #10 Light.....	2
17	SC-081-17	Mach. Screw 10-32 x 1 Slotted Rd. Hd. (SST).....	2
18	00-290232-00001	Housing & Tubing Assy. (Incls. Items 19 thru 24).....	1
19	WL-003-22	Lockwasher #10 Light.....	1
20	SC-060-87	Mach. Screw 10-32 x 3/4 Slotted Rd. Hd. (SST).....	1
21	RP-002-08	Roll Pin 5/64 Dia. x 11/16 Lg.....	1
22	00-064614	Gear - Drive Assy.....	1
23	SC-009-68	Mach. Screw 8-32 x 3/4 Slotted Rd. Hd.....	1
24	WL-003-15	Lockwasher #8 Light.....	1
25	SC-062-20	Cap Screw 1/4-20 x 3/8 Hex Hd.....	2
26	WS-003-46	Washer.....	2
27	BR-002-14	Roller Bearing - Cup & Cone Assy.....	1
28	00-916068-00002	Planetary Assy. (Incls. Bearing Cap).....	1
29	WS-021-20	Washer (Nylon).....	1
30	SC-129-38	Cap Screw 7/16-20 x 1 Hex Hd. (SST).....	1
31	00-916065	Seal - Oil.....	1
32	00-916048	Shaft - Agitator (Incls. Item 33).....	1
33	BB-007-39	Ball Bearing - M.R.C. #207-SZZ.....	1
34	00-873953	Pin - Agitator Shaft.....	1
35	00-007744	Set Screw Hdls., Cone Pt.....	1
36	SC-047-41	Set Screw 3/8-16 x 3/8 Hex Hdls., Cup Pt.....	1
37	00-064723	Plug - Agitator Shaft.....	1
38	00-875958	Key - Chamfered.....	1
39	00-874145	Plunger Assy.....	1
40	00-437496-00002	Cap - Seal (Painted).....	1
41	00-067500-00021	O-Ring.....	1
42	00-065277	Cap Screw Socket Hd.....	1
43	WL-003-15	Lockwasher #8 Light.....	1
44	00-065275	Bearing - Special Lock Nut.....	1
45	00-064982	Washer - Tongue.....	1
46	BR-002-15	Roller Bearing - Cup & Cone Assy.....	1
47	SC-021-54	Mach. Screw 5/16-18 x 7/8 Slotted Rd. Hd. (SST).....	2
48	00-874181	Spacer - Scraper Arm.....	2
49	SC-041-31	Cap Screw 3/8-16 x 1-1/4 Hex Hd. (SST).....	1
50	SC-041-49	Cap Screw 3/8-16 x 1 Hex Hd. (SST).....	1
51	WL-006-28	Lockwasher 3/8 Helical.....	2
52	00-873284-00002	Bracket - Bowl Scraper.....	1
53	00-064465-00001	Plug - Oil Fill.....	1
54	WS-021-20	Washer (Nylon).....	1
55	SC-009-70	Mach. Screw 6-32 x 1/4 Slotted Rd. Hd.....	8



66 00-937632 Bolt - Drain / Fill  
 67 00-937636 Glass - Oil Level Sight  
**PARTS NOT ILLUSTRATED**

**PL-60174**

**PLANETARY  
 (HL1400 SERIES)**

**PLANETARY  
(HL1400 SERIES)**

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-60174			
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).....	3
6	00-064478	Extension.....	1
7	00-064464	Gasket.....	1
8	00-060071	Cap - Oil Retaining.....	1
9	RR-006-08	Retaining Ring.....	1
10	00-067886	Pinion - Internal (18T) (Incls. Item 11).....	1
11	00-065372	NLA - Obsolete--Deflector - Oil.....	1
12	00-073011	Baffle - Planetary Oil.....	1
13	00-067500-00021	O-Ring.....	1
14	RR-004-24	Retaining Ring.....	1
15	00-068277	Shim - Internal Pinion.....	1
16	BB-021-56	Bearing - Ball.....	1
17	BR-002-31	Roller Bearing - Cup & Cone Assy.....	1
18	SC-062-20	Cap Screw 1/4-20 x 3/8 Hex Hd.....	2
19	WS-003-46	Washer.....	2
20	00-874690-00002	Planetary Assy. (Incls. Bearing Cap) (Must Also Order Items 66 & 67).....	1
21	00-067902	Spacer - Agitator Shaft.....	1
22	00-067903	Locator - Bearing.....	1
23	BB-021-55	Bearing - Ball.....	1
24	00-916037	Shaft - Agitator.....	1
25	00-873953	Pin - Agitator Shaft.....	1
26	00-007744	Set Screw Hdls., Cone Pt.....	1
27	SC-047-41	Set Screw 3/8-16 x 3/8 Hex Hdls., Cup Pt.....	1
28	00-064723	Plug - Agitator Shaft.....	1
29	00-068045	Seal - Planetary Oil.....	1
30	00-874669	Cover - Planetary.....	1
31	00-080531	Screw - Nylok Hex Hd.....	2
32	SC-120-28	Cap Screw 1/2-13 x 2 Hex Hd.....	6
33	WL-004-11	Lockwasher 1/2 Helical.....	6
34	00-067921-00001	Plate - Bearing.....	1
35	00-874145	Plunger Assy.....	1
36	00-011800-00237	Dowel.....	2
37	RR-006-07	Retaining Ring.....	1
38	00-437496-00002	Cap - Seal (Painted).....	1
39	00-067500-00021	O-Ring.....	1
40	00-065275	Bearing - Special Lock Nut.....	1
41	00-065277	Cap Screw Socket Hd.....	1
42	WL-003-15	Lockwasher #8 Light.....	1
43	00-064982	Washer - Tongue.....	1
44	BR-002-15	Roller Bearing - Cup & Cone Assy.....	1
45	SC-129-38	Cap Screw 7/16-20 x 1 Hex Hd. (SST).....	1
46	WS-021-20	Washer (Nylon).....	1
47	WS-021-20	Washer (Nylon).....	1
48	00-064465-00001	Plug - Oil Fill.....	1
49	SC-021-54	Mach. Screw 5/16-18 x 7/8 Slotted Rd. Hd. (SST).....	1
50	00-874181	Spacer - Scraper Arm.....	1
51	WL-006-28	Lockwasher 3/8 Helical.....	2
52	SC-041-49	Cap Screw 3/8-16 x 1 Hex Hd. (SST).....	1
53	00-874649-00002	Bracket - Bowl Scraper.....	1
54	00-874181	Spacer - Scraper Arm.....	1
55	SC-021-54	Mach. Screw 5/16-18 x 7/8 Slotted Rd. Hd. (SST).....	1

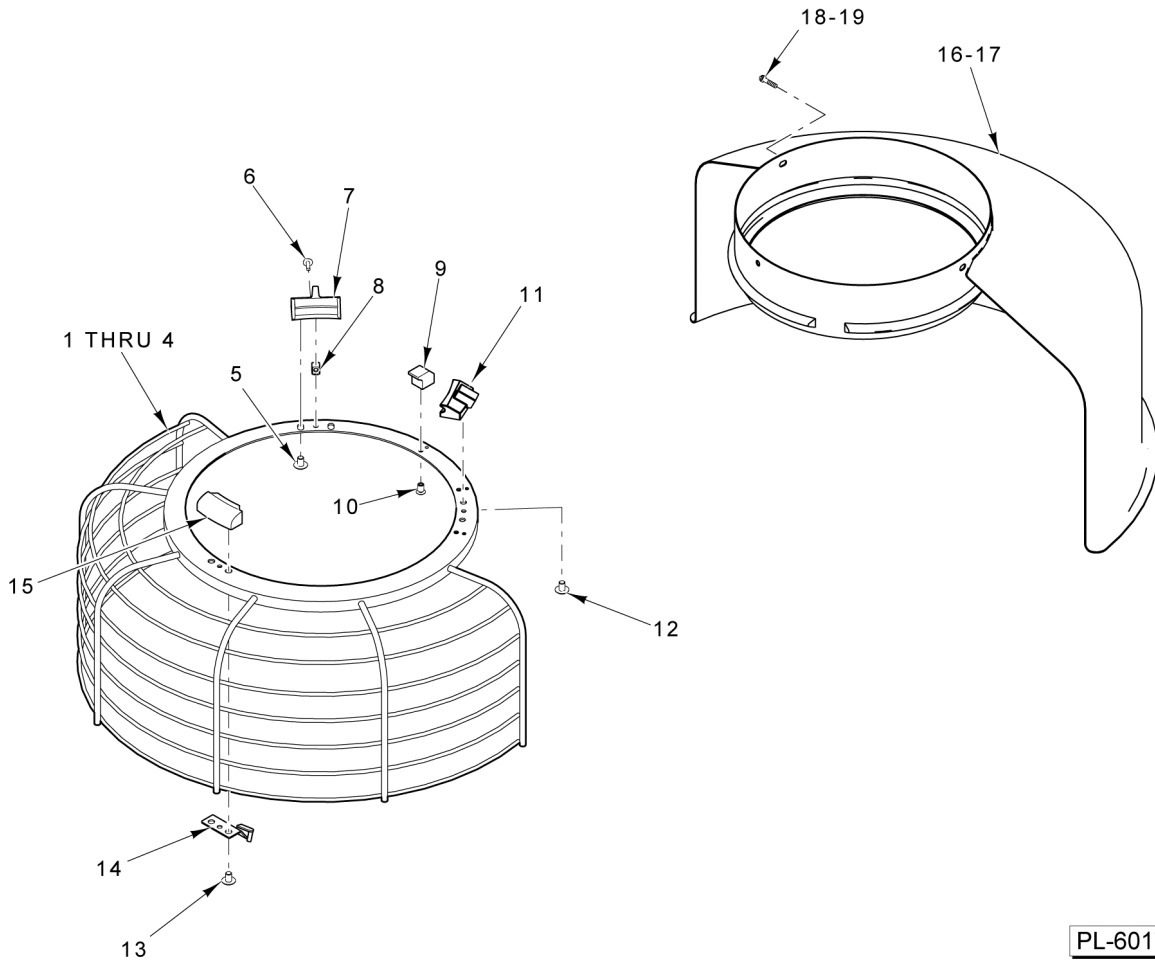
**PLANETARY  
(HL1400 SERIES)**

ILLUS.	PART NO.	NAME OF PART	AMT.
<b>PL-60174</b>			
56	SC-041-31	Cap Screw 3/8-16 x 1-1/4 Hex Hd. (SST).....	1
57	00-290232-00002	Pump Assy. - Oil (Incls. Items 58, 59, & 60).....	1
58	WL-003-22	Lockwasher #10 Light.....	1
59	SC-060-87	Mach. Screw 10-32 x 3/4 Slotted Rd. Hd. (SST).....	1
60	RP-002-08	Roll Pin 5/64 Dia. x 11/16 Lg.....	1
61	00-064614	Gear - Drive Assy.....	1
62	SC-009-68	Mach. Screw 8-32 x 3/4 Slotted Rd. Hd.....	1
63	WL-003-15	Lockwasher #8 Light.....	1
64	SC-081-17	Mach. Screw 10-32 x 1 Slotted Rd. Hd. (SST).....	2
65	WL-003-22	Lockwasher #10 Light.....	2
66	00-937632	Bolt - Drain / Fill (Order with Item 20).....	1
67	00-937636	Glass - Oil Level Sight Glass (Order with Item 20).....	1

## NOTES

- 20 00-916381-00001 Wire Cage Assy. (ML-141076)
- 21 00-916299-00001 Wire Cage Assy. (ML-141080)

**PARTS NOT ILLUSTRATED**

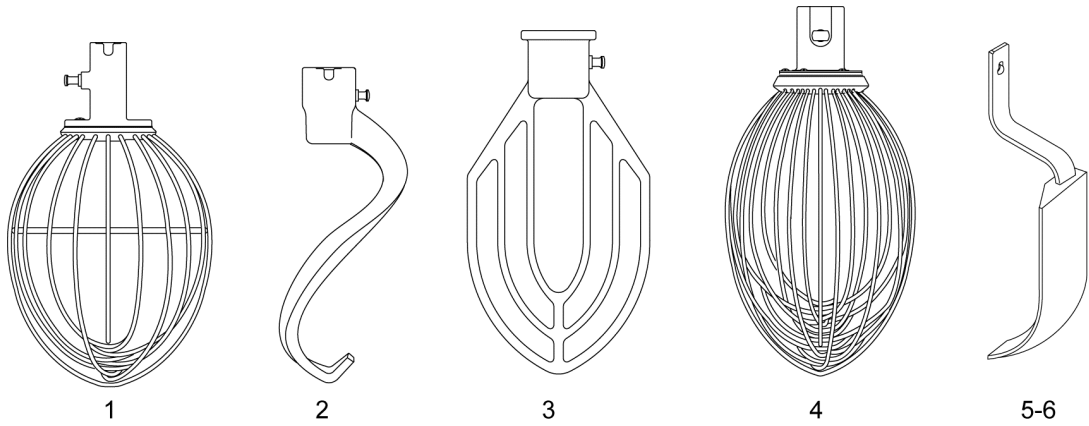


PL-60176

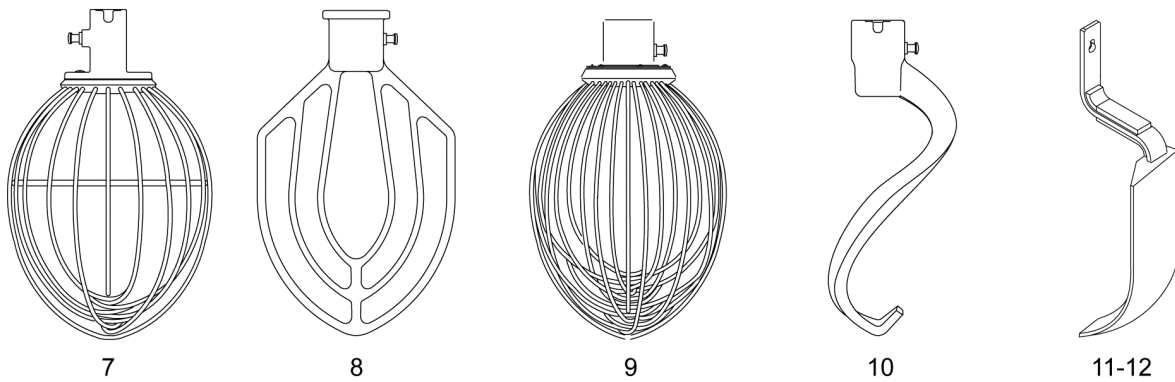
**BOWL GUARD**

**BOWL GUARD**

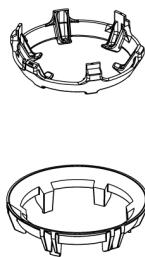
ILLUS.	PART NO.	NAME OF PART	AMT.
PL-60176			
1	00-916154-00001	Wire Cage Assy. (ML-141075) (Incls. Items 5 thru 15).....	1
2	00-916277-00001	Wire Cage Assy. (ML-141079 & ML-141083, & ML-141112) (Incls. Items 5 thru 15) .....	1
3	00-916489-00001	Wire - Cage Weldment (ML-141076).....	1
4	00-916300-00001	Wire - Cage Weldment (ML-141080).....	1
5	SC-122-45	Mach. Screw 1/4-20 x 3/8 Slotted Truss Hd.....	2
6	SC-123-07	Mach. Screw 8-32 x 1/2 Slotted Truss Hd.....	1
7	00-437433-00003	Shoe - Adjustable.....	1
8	00-437720	Key - Shoe.....	1
9	00-438055	Bumper - Cage.....	1
10	SC-122-44	Mach. Screw 8-32 x 3/8 Slotted Truss Hd.....	1
11	00-874127	Shoe - Fixed (Incls. Magnet).....	1
12	SC-122-45	Mach. Screw 1/4-20 x 3/8 Slotted Truss Hd.....	2
13	SC-122-45	Mach. Screw 1/4-20 x 3/8 Slotted Truss Hd.....	2
14	00-875795	Stop - Cage.....	1
15	00-874126	Shoe - Front.....	1
16	00-916152	Guard - Splash & Drip (HL800 Series).....	1
17	00-874951	Splash Guard & Drip Cup (V1401 Series) (HL1400 Series).....	1
18	SC-021-39	Mach. Screw 1/4-20 x 5/8 Slotted Rd. Hd. (SST) (HL800 Series).....	3
19	SC-021-37	Mach. Screw 1/4-20 x 3/8 Slotted Rd. Hd. (SST) (HL1400 Series).....	3
20	00-916381-00001	Wire Cage Assy. (ML-141076) (Incls. Items 3 & 5 thru 15).....	1
21	00-916299-00001	Wire Cage Assy. (ML-141080) (Incls. Items 4 thru 15).....	1



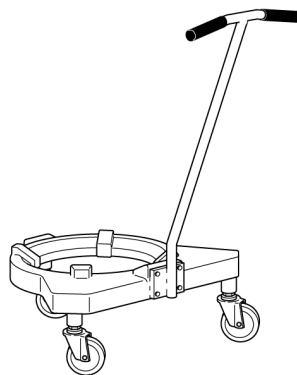
40-QUART AGITATORS



60-QUART AGITATORS

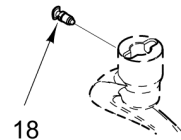


13-14



15-16-17

BOWL TRUCK



18

19 00-438047 Ingredient Chute (Packaged)  
 20 00-937389 Bowl Truck (Packaged)

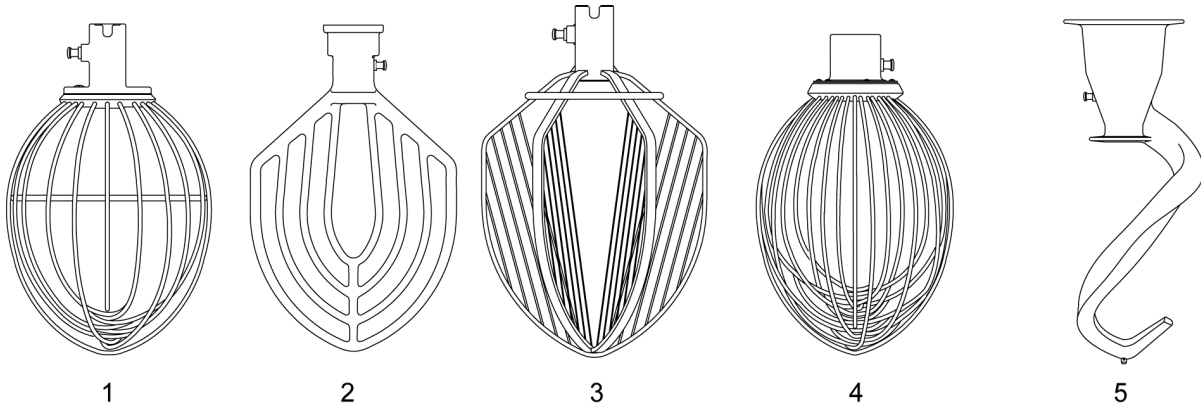
**PARTS NOT ILLUSTRATED**

PL-60178

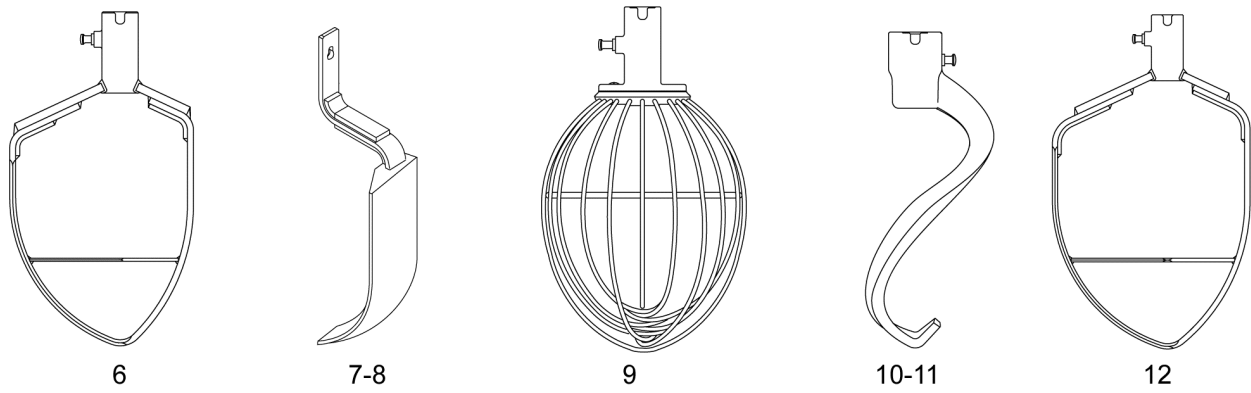
**AGITATORS AND ACCESSORIES  
 (40 & 60 QUART)**

**AGITATORS AND ACCESSORIES  
(40 & 60 QUART)**

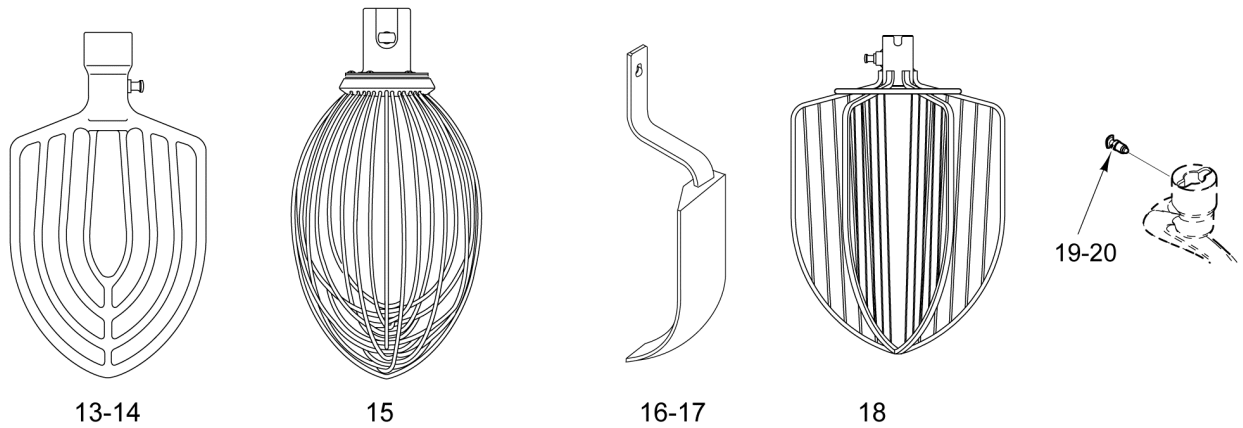
ILLUS.	PART NO.	NAME OF PART	AMT.
PL-60178			
1	00-916321	"I" Wire Whip (40 Quart) (Packaged) (Incls. Item 18).....	1
2	00-916316	"ED" Dough Arm (40 Quart) (Packaged) (Incls. Item 18).....	1
3	00-916313	"B" Flat Beater (40 Quart) (Packaged) (Incls. Item 18).....	1
4	00-916319	"D" Wire Whip (40 Quart) (Packaged) (Incls. Item 18).....	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) (Incls. Item 18).....	1
8	00-916257	"B" Flat Beater (60 Quart) (Packaged) (Incls. Item 18).....	1
9	00-916265	"D" Wire Whip (60 Quart) (Packaged) (Incls. Item 18).....	1
10	00-916260	"ED" Dough Arm (60 Quart) (Packaged) (Incls. Item 18).....	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	ML-141087-0000Z	Bowl Truck Assy (60-140 Quart).....	1
16	00-874288	Caster (4 In.) (Bowl Truck).....	3
17	00-916585	Bowl Truck (Packaged) (HL1400 Series).....	1
18	00-874145	Plunger Assy.....	1
19	00-438047	Ingredient Chute (Packaged).....	1
20	00-937389	Bowl Truck.....	1



80-QUART AGITATORS



140-QUART AGITATORS



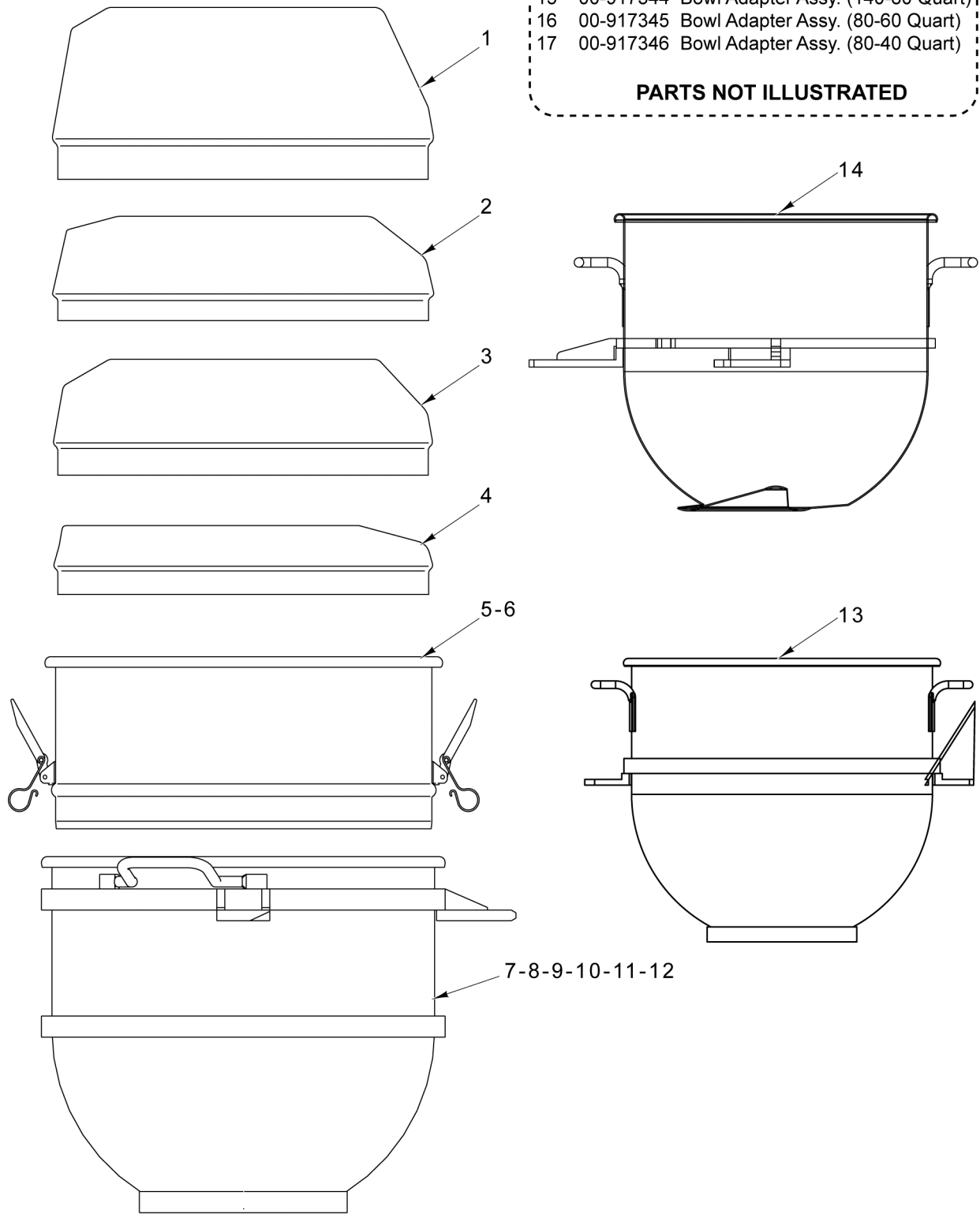
PL-60179

AGITATORS AND ACCESSORIES  
(80 & 140 QUART)

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

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-60179			
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	00-875929	"I" Wire Whip (140 Quart) (Packaged) (Incls. Item 19).....	1
10	00-875847	"ED" Dough Arm (140 Quart) (Packaged) (Incls. Item 19).....	1
11	00-916316	"ED" Dough Arm (40 Quart) (Packaged) (Incls. Item 19).....	1
12	00-875906	Pastry Knife (140 Quart) (Packaged) (Incls. Item 19).....	1
13	00-874409	"B" Flat Beater (Alum.) (140 Quart) (Packaged) (Incls. Item 19).....	1
14	00-937382	"B" Flat Beater (SST) (140 Quart) (Packaged) (Incls. Item 20).....	1
15	00-875863	"D" Wire Whip (140 Quart) (Packaged) (Incls. Item 19).....	1
16	00-874699	Bowl Scraper (140 Quart) (Packaged) (Incls. Item 17).....	1
17	00-435637-00003	Scraper - Bowl (140 Quart).....	1
18	00-875938	"C" Wire Whip (140 Quart) (Packaged) (Incls. Item 19).....	1
19	00-874145	Plunger Assy.....	1
20	00-937460	Plunger Assy (SST).....	1

- 15 00-917344 Bowl Adapter Assy. (140-80 Quart)
  - 16 00-917345 Bowl Adapter Assy. (80-60 Quart)
  - 17 00-917346 Bowl Adapter Assy. (80-40 Quart)
- PARTS NOT ILLUSTRATED**



PL-60180

**BOWL AND EXTENSIONS**

**BOWL AND EXTENSIONS**

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-60180			
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) (All HL800 & HL1400 except HL1400N).....	1
8	00-916174	Bowl Assy. (60 Quart) (Packaged) (All HL800 & HL1400 except HL1400N).....	1
9	00-875846	Bowl Assy. (80 Quart) (Packaged) (All HL800 & HL1400 except HL1400N).....	1
10	00-275690	Bowl Assy. (80 Quart) (Costco) (All HL1400N).....	1
11	00-875845	Bowl Assy. (140 Quart) (SST) (Packaged) (All HL1400 except HL1400N).....	1
12	00-917142	Bowl Assy. (140 Quart) (Costco) (All HL1400N).....	1
13	00-937930	Bowl Assy. (80 Quart) (Non-Swing Out) (SST) (ML-141112).....	1
14	00-937934	Bowl Assy. (40 Quart) (Non-Swing Out) (SST) (ML-141112).....	1
15	00-917344	Bowl Adapter Assy. (140-80 Quart) (Packaged).....	1
16	00-917345	NLA - Obsolete--Bowl Adapter Assy. (80-60 Quart) (Packaged).....	1
17	00-917346	Bowl Adapter Assy. (80-40 Quart) (Packaged).....	1

