



# CATALOG OF REPLACEMENT PARTS

## HL300 LVN/HVN Navy Mixer

ML-141164

HL300 NAVY

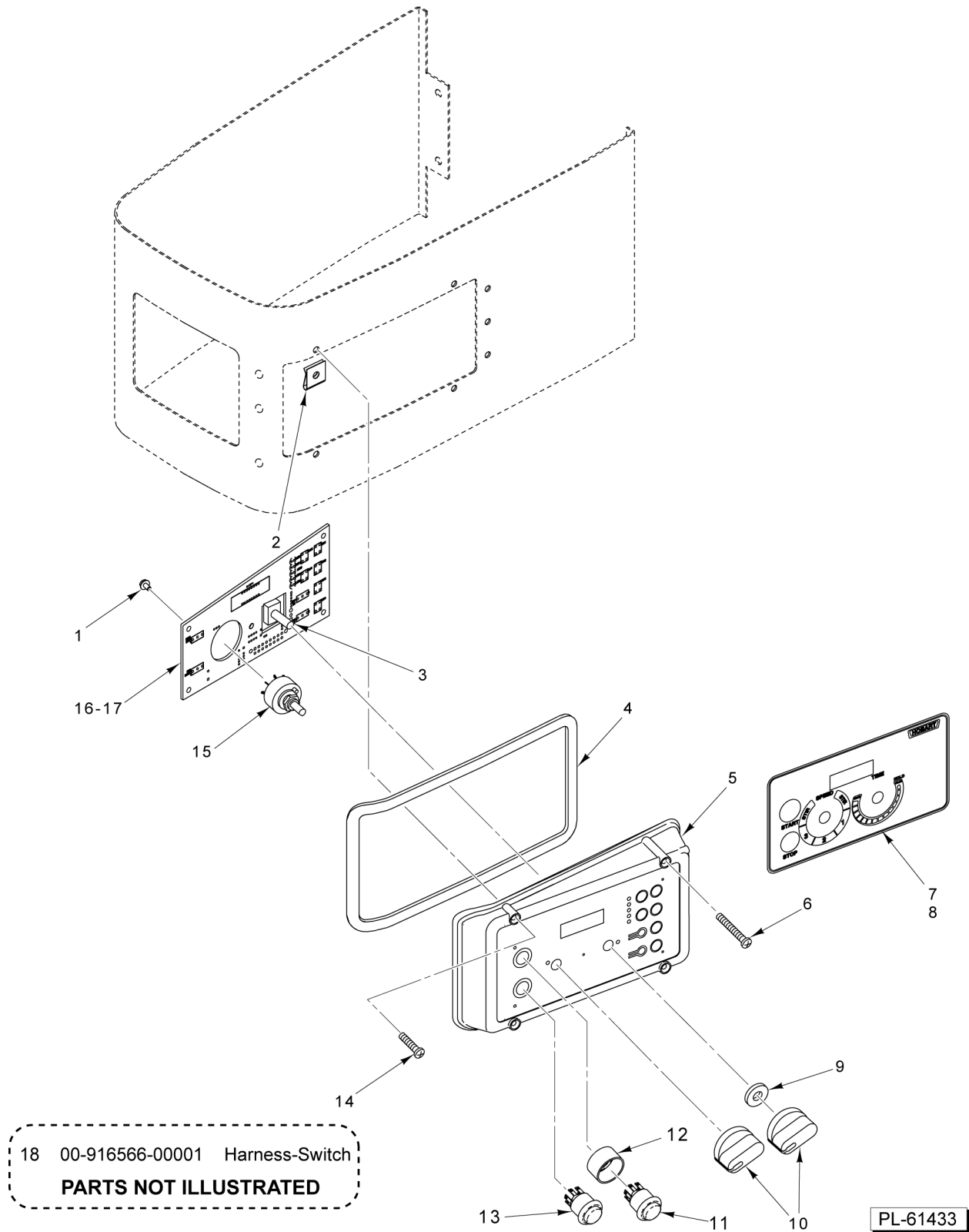


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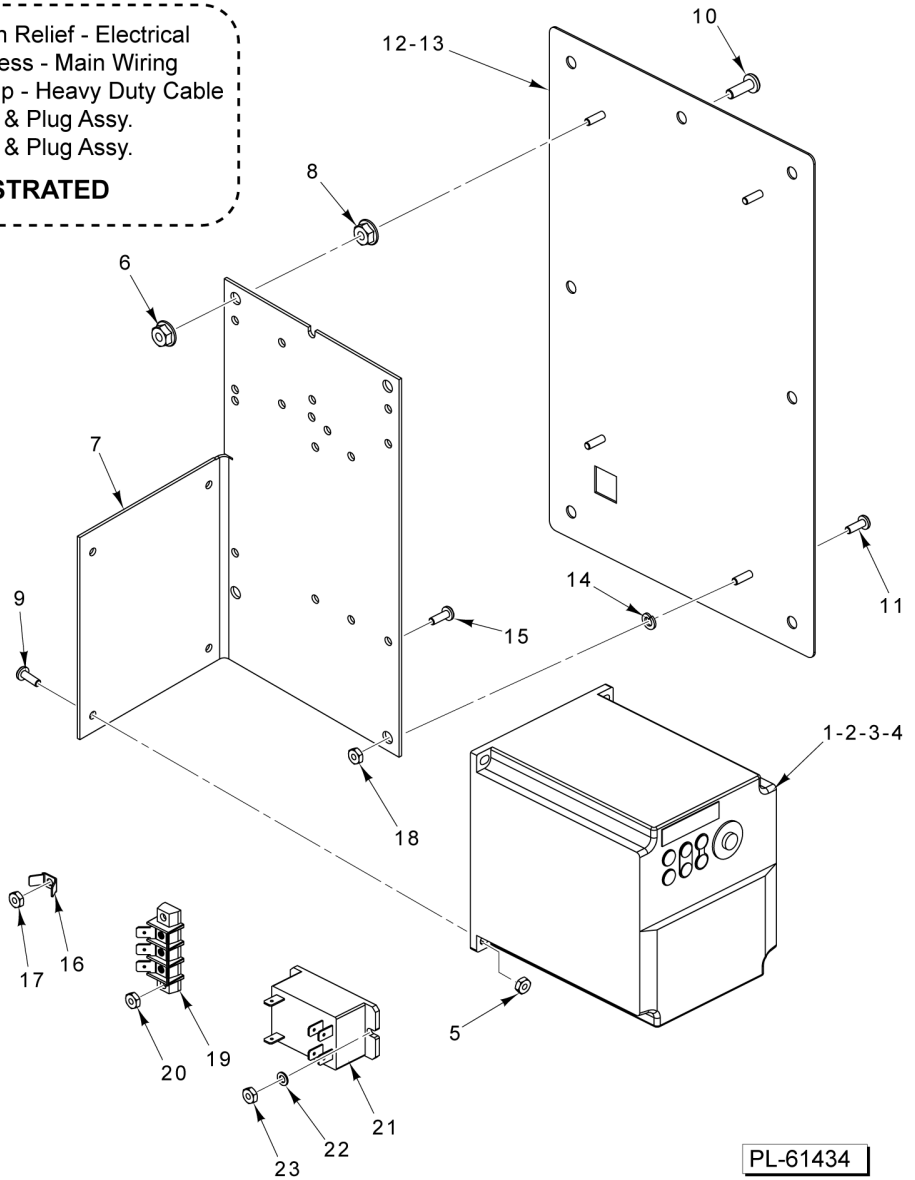
**CONTROL PANEL**

**CONTROL PANEL**

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-61433			
1	SD-039-23	Self-Tapping Screw 6-32 x 1/4 Hex Washer Hd., Type RL.....	5
2	00-874338	Fastener - Self-Retaining.....	4
3	00-916594	Potentiometer Assy.....	1
4	00-916613	Seal - Control Panel.....	1
5	00-917302	Panel - Control.....	1
6	SC-128-40	Mach. Screw 8-32 x 2-1/4 Phil. Oval Hd. (SST).....	2
7	00-937066	Overlay - Standard (6-Position Speed Selector).....	1
8	00-937069	Overlay - Recipe (6-Position Speed Selector).....	1
9	WS-031-55	Washer (Rubber).....	1
10	00-874809	Knob.....	2
11	00-916593	Switch - Sealed Dome (Start).....	1
12	00-916958-00002	Guard - Switch.....	1
13	00-916592	Switch - Sealed Dome (Stop).....	1
14	SC-128-39	Mach. Screw 8-32 x 1-1/2 Phil. Oval Hd. (SST).....	2
15	00-937061	Switch - Speed Selector Assy. (6-Position).....	1
16	00-937135	PCB Assy. (Standard) (6-Position Speed Selector).....	1
17	00-937136	PCB Assy. (Recipe Timer) (6-Position Speed Selector).....	1
18	00-916566-00001	Harness - Switch.....	1

- 24 FE-026-34 Strain Relief - Electrical
- 25 00-916649 Harness - Main Wiring
- 26 00-971161 Clamp - Heavy Duty Cable
- 27 00-874833-00001 Cord & Plug Assy.
- 28 00-874833-00002 Cord & Plug Assy.

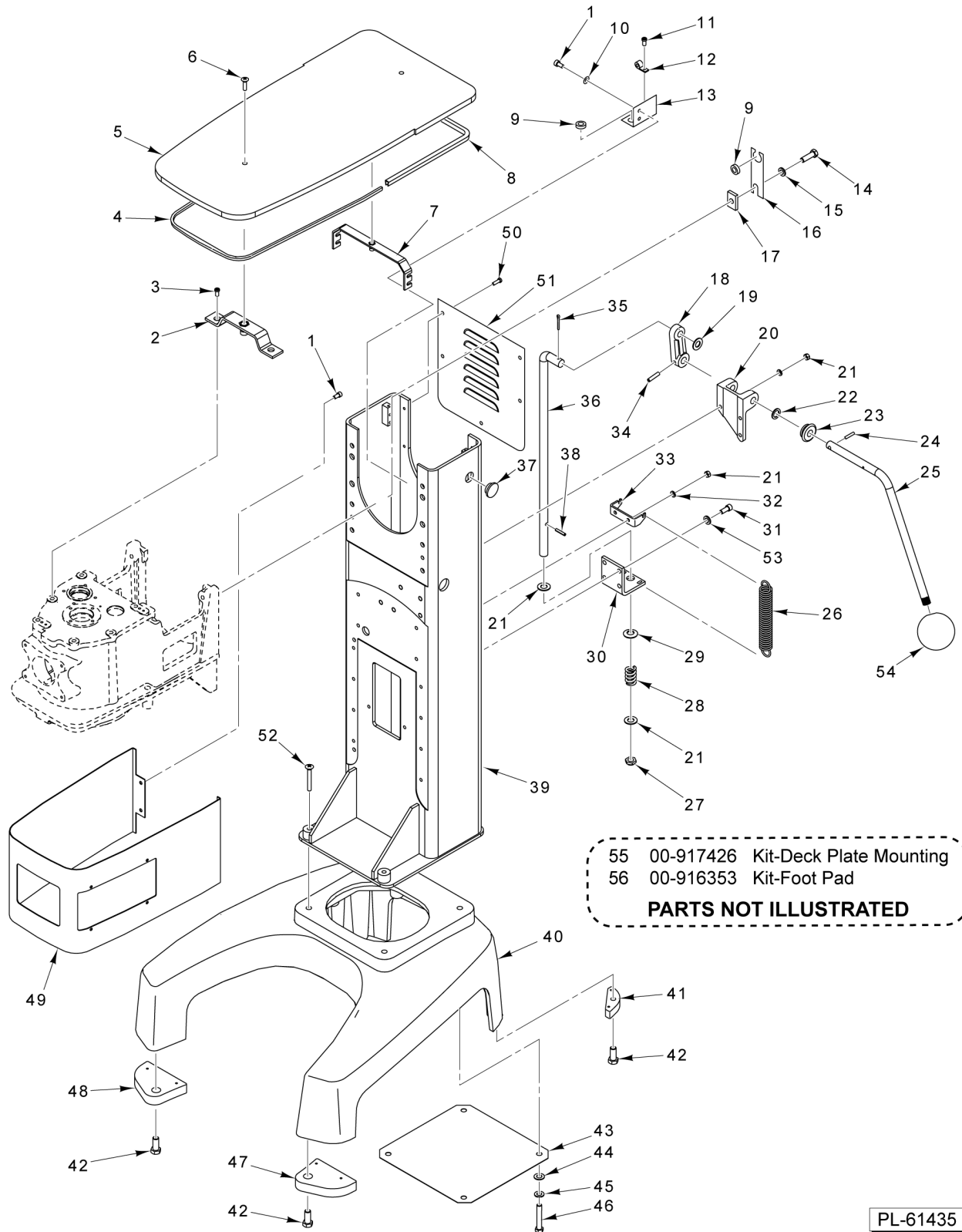
**PARTS NOT ILLUSTRATED**



**ELECTRICAL COMPONENTS**

**ELECTRICAL COMPONENTS**

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-61434			
1	00-916761	Controller (100/120 V., 50/60 Hz., 1 Ph.).....	1
2	00-916762	Controller (200/230 V., 50/60 Hz., 1 Ph.).....	1
3	00-916763	Controller (200/230 V., 50/60 Hz., 3 Ph.).....	1
4	00-916764	Controller (380/480 V., 50/60 Hz., 3 Ph.).....	1
5	WS-023-48	Washer.....	4
6	NS-038-04	Lock Nut 1/4-20.....	4
7	00-937859	Plate - Controller Mounting.....	1
8	NS-038-04	Lock Nut 1/4-20.....	4
9	SC-018-34	Mach. Screw 8-32 x 1/2 Phil. Pan Hd.....	4
10	SC-053-46	Mach. Screw 1/4-20 x 3/4 Slotted Truss Hd. (SST).....	7
11	SC-018-33	Mach. Screw 8-32 x 5/16 Phil. Pan Hd.....	1
12	00-916772-00001	Cover - Back & Studs (100/120 V. & 200/230 V., 1 Ph.).....	1
13	00-916772-00002	Cover - Back & Studs (200/230 V. & 380/480 V., 3 Ph.).....	1
14	WL-003-12	Lockwasher #8 Helical.....	1
15	SC-018-34	Mach. Screw 8-32 x 1/2 Phil. Pan Hd.....	5
16	00-065890-00090	Terminal (2-Tab).....	1
17	NS-009-12	Nut 8-32 Hex.....	1
18	NS-038-04	Lock Nut 1/4-20.....	1
19	00-916269	Block - Terminal.....	1
20	NS-009-12	Nut 8-32 Hex.....	2
21	00-087714-042-5	Relay (2-Pole, 30 Amp.).....	1
22	WS-023-48	Washer.....	2
23	NS-009-12	Nut 8-32 Hex.....	2
24	FE-026-34	Strain Relief - Electrical.....	1
25	00-916649	Harness - Main Wiring.....	1
26	00-971161	Clamp - Heavy Duty Cable.....	1
27	00-874833-00001	Cord & Plug Assy. (120 V.).....	1
28	00-874833-00002	Cord & Plug Assy. (220 V.).....	1

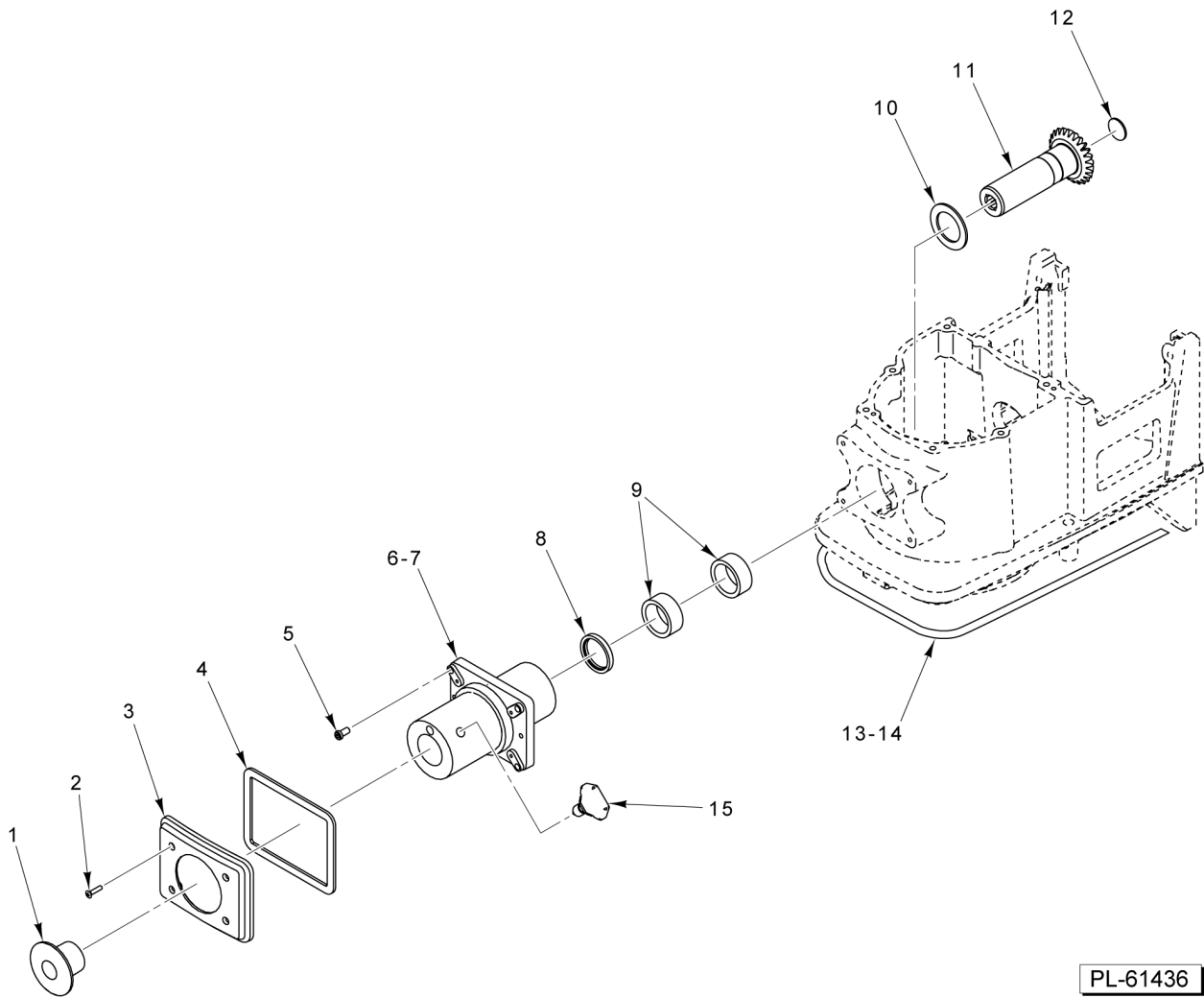


**BASE AND PEDESTAL**



## BASE AND PEDESTAL

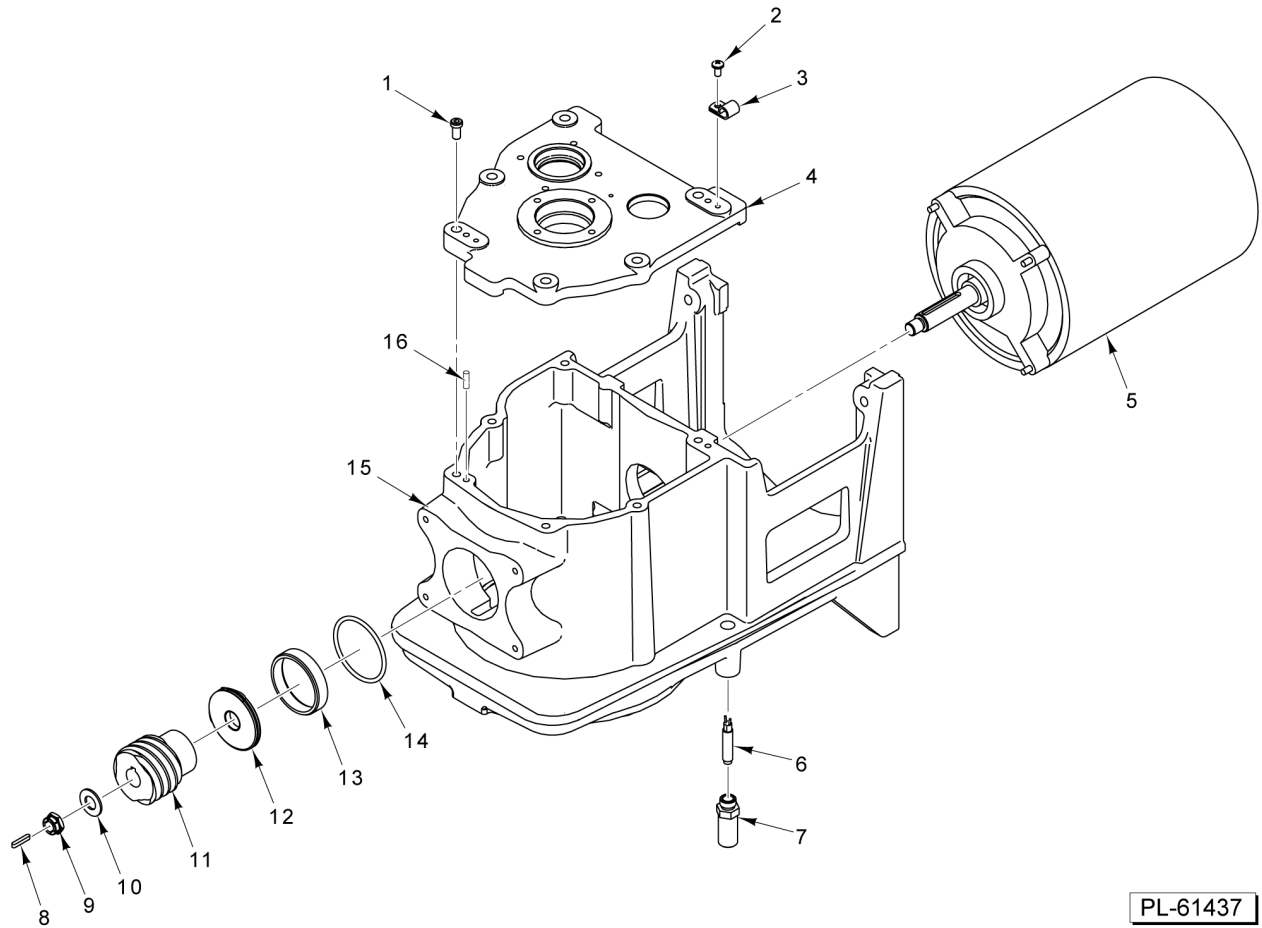
ILLUS.	PART NO.	NAME OF PART	AMT.
PL-61435			
1	SC-129-49	Mach. Screw 1/4-20 x 1/2 Hex Washer Hd. (SST).....	3
2	00-938280	Strap - Front Cover Mounting.....	1
3	SC-089-19	Cap Screw 5/16-18 x 1-3/8 Hex Socket Hd.....	2
4	00-874512-00003	Seal - Top Cover.....	1
5	00-937856	Cover - Top.....	1
6	SC-024-03	Mach. Screw 1/4-20 x 7/8 Slotted Fil. Hd. (SST) (SST).....	2
7	00-938281	Strap - Rear Cover Mounting.....	1
8	00-916535-00001	Seal - Top Cover.....	1
9	FE-021-13	Bushing (Nylon) 1/2 I.D.....	AR
10	WS-003-19	Washer.....	3
11	SD-019-23	Self-Tapping Screw 10-16 x 3/8 Phil. Pan Hd., Type B.....	1
12	00-078752-00009	Clamp - Cable.....	1
13	00-937123	Bracket.....	1
14	SC-118-09	Cap Screw 3/8-16 x 1-1/4 Hex Hd.....	6
15	WL-004-06	Lockwasher 3/8 Helical.....	6
16	00-916815	Plate - Wire Routing.....	1
17	00-271340	Bar - Reinforcing.....	6
18	00-916467	Arm - Bowl Lift.....	1
19	WS-008-47	Washer.....	AR
20	00-916442	Block - Bowl Lift Bearing.....	1
21	NS-013-02	Nut 1/4-20 Hex.....	AR
22	WS-020-01	Washer (SST).....	1
23	00-271343	Grommet - Handle.....	1
24	RP-002-25	Roll Pin 1/8 Dia. x 7/8 Lg.....	1
25	00-937858	Handle - Bowl Lift.....	1
26	00-916463	Spring - Bowl Lift.....	2
27	NS-031-39	Stop Nut 1/2-20 "Elastic".....	1
28	00-070104	Spring - Bowl Lift.....	1
29	00-070131	Washer - Cup Bowl Lift.....	1
30	00-937854	Bracket - Bowl Lift Support.....	1
31	SC-041-13	Cap Screw 5/16-18 x 1 Hex Hd. (SST).....	4
32	WL-003-38	Lockwasher 1/4 Helical.....	2
33	00-916449	Hook - Bowl Lift Spring.....	1
34	PS-004-15	Spiral Pin 1/4 Dia. x 1-1/8 Lg.....	1
35	PC-006-13	Cotter Pin.....	1
36	00-937853	Rod - Bowl Lift.....	1
37	PB-005-30	Plug - Button.....	1
38	RP-002-10	Roll Pin 3/16 Dia. x 1 Lg.....	1
39	00-937852	Column.....	1
40	00-916213-00004	Base.....	1
41	00-916309	Pad - Rear.....	2
42	SC-110-36	Cap Screw 3/8-16 x 1 Hex Flat Hd. (SST).....	AR
43	00-916549	Screen - Air Floor.....	1
44	WS-018-19	Washer.....	4
45	WL-004-04	Lockwasher 3/8 Helical.....	4
46	SC-118-05	Cap Screw 3/8-16 x 2-3/4 Hex Hd.....	4
47	00-916308	Pad - Front (RH).....	1
48	00-916549	Screen - Air Floor.....	1
49	00-916387-00002	Wrapper - Transmission.....	1
50	SC-053-46	Mach. Screw 1/4-20 x 3/4 Slotted Truss Hd. (SST).....	5
51	00-937855	Cover - Rear.....	1
52	00-938602	Screw.....	4
53	WL-006-22	Lockwasher 5/16 Light.....	1
54	00-938579	Knob.....	1
55	00-917426	Kit - Deck Plate Mounting (Incls. 4 Deck Plates and Hardware).....	1
56	00-916353	Kit - Foot Pad (Incls. Items 41, 42, 47, & 48).....	1



**ATTACHMENT HUB**

**ATTACHMENT HUB**

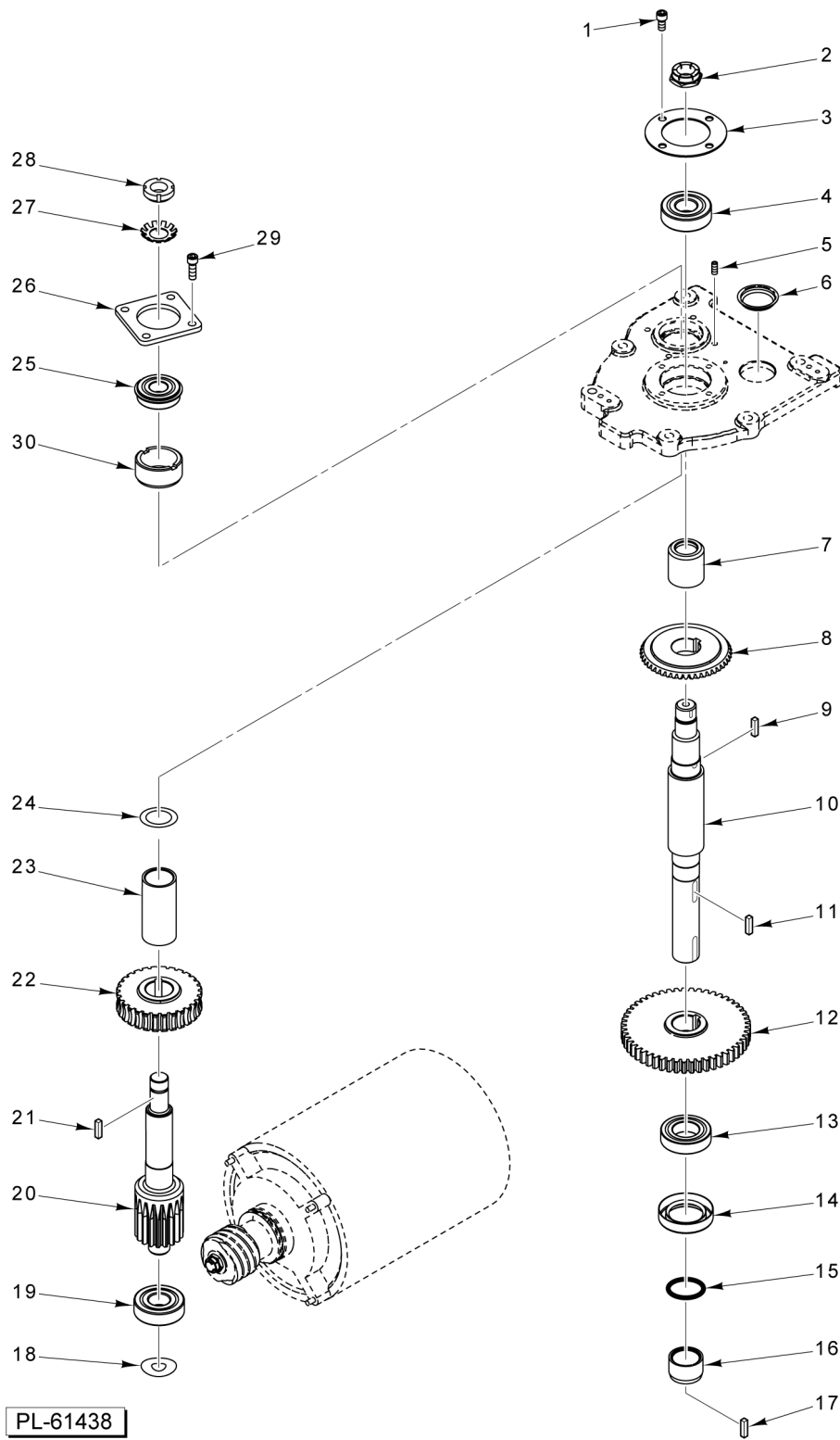
ILLUS.	PART NO.	NAME OF PART	AMT.
PL-61436			
1	00-917221	Plug - Attachment.....	1
2	SC-079-04	Mach. Screw 8-32 x 3/4 Phil. Oval Hd. (SST).....	4
3	00-917222	Panel - Front.....	1
4	00-875813	Seal - Front Cover.....	1
5	SC-040-09	Cap Screw 1/4-20 x 1-1/4 Hex Socket Hd.....	4
6	00-916662-00002	Hub - Attachment.....	1
7	OR-001-09	O-Ring.....	1
8	00-916733	Seal - Attachment Hub.....	1
9	BN-005-11	Bearing - Needle.....	2
10	00-061920-00009	Washer - Thrust (0.100 Thk.).....	1
11	00-916601-00002	Gear - Drive Attachment (Incls. Item 13).....	1
12	PL-003-17	Plug - Expansion.....	1
13	00-874925-00008	Seal - Neoprene.....	1
14	00-874925-00009	Seal - Neoprene.....	1
15	00-108197-00001	Thumb Screw 1-1/4.....	1



**TRANSMISSION CASE AND MOTOR**

**TRANSMISSION CASE AND MOTOR**

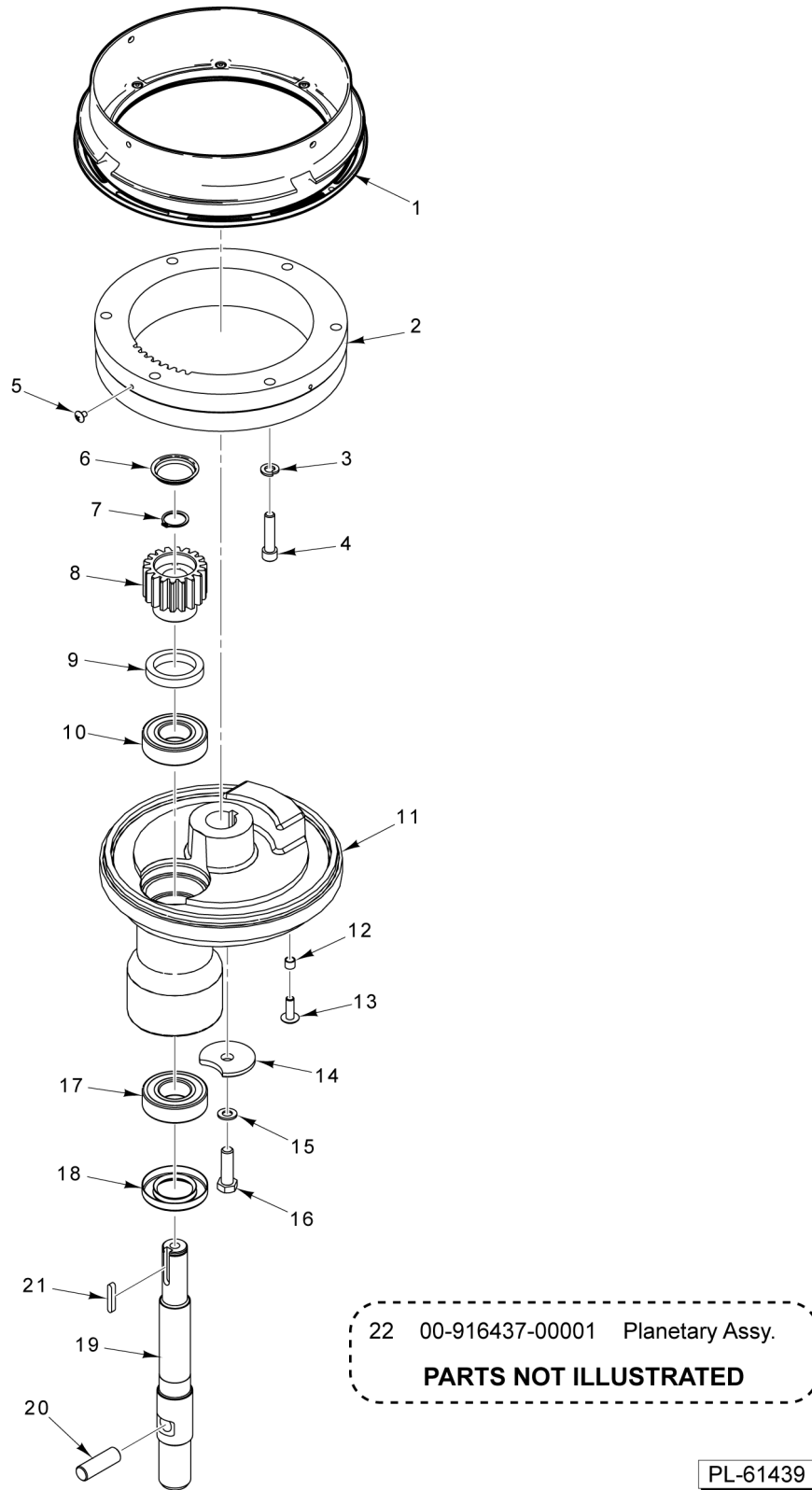
ILLUS.	PART NO.	NAME OF PART	AMT.
PL-61437			
1	SC-040-15	Cap Screw 5/16-18 x 1-1/4 Hex Socket Hd.....	6
2	SC-018-62	Mach. Screw 10-24 x 3/8 Phil. Pan Hd.....	1
3	00-078752-00009	Clamp - Cable.....	1
4	00-916324	Cover - Top.....	1
5	00-916446	Motor.....	1
6	00-087711-00352	Switch - Reed.....	1
7	00-917596	Holder - Reed Switch.....	1
8	00-012430-00069	Key 3/16 x 3/16 x 1-39/64.....	1
9	NS-032-23	Lock Nut 7/16-20 Special.....	1
10	WS-021-08	Washer.....	1
11	00-916338	Worm - Motor.....	1
12	00-937535	Deflector - Grease (RH).....	1
13	00-916445	Bushing - Motor.....	1
14	00-067500-00057	O-Ring.....	1
15	00-916326-00003	Transmission.....	1
16	00-011800-00187	Dowel.....	2



**TRANSMISSION**

**TRANSMISSION**

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-61438			
1	SC-089-01	Cap Screw 1/4-20 x 1/2 Hex Socket Hd.....	4
2	00-937473	Nut 3/4-16 (LH Thread).....	2
3	00-916439-00002	Retainer - Planetary.....	1
4	BB-005-34	Ball Bearing.....	1
5	SC-047-09	Set Screw 1/4-20 x 1/4 Hex Hdls., Cup Pt.....	AR
6	00-064871	Plug - Friction.....	1
7	00-916665	Spacer - Upper Planetary.....	1
8	00-070020-00002	Gear - Bevel (46T).....	1
9	00-012430-00134	Key.....	1
10	00-916667	Shaft - Planetary.....	1
11	00-012430-00136	Key.....	1
12	00-916666	Gear - Helical (51T).....	1
13	BB-015-08	Bearing - Ball.....	1
14	00-110334	Seal - Planetary.....	1
15	00-067500-00068	O-Ring.....	1
16	00-916663	Spacer - Lower Planetary.....	1
17	00-012430-00158	Key.....	1
18	SL-005-04	Spring - Loading.....	1
19	BB-005-34	Ball Bearing.....	1
20	00-916340	Shaft - Worm Gear.....	1
21	00-012430-00138	Key 1/4 Sq. x 3/4 Lg.....	1
22	00-916339	Gear - Worm.....	1
23	00-916357	Spacer - Input Shaft.....	1
24	00-916358	Spacer - Upper Input Shaft.....	1
25	BB-021-21	Bearing - Ball.....	1
26	00-916438	Retainer - Wormwheel.....	1
27	WL-012-04	Lockwasher N.D. #W-03.....	1
28	NS-034-04	Lock Nut N.D. #N-03.....	1
29	SC-089-02	Cap Screw 1/4-20 x 3/4 Hex Socket Hd.....	4
30	00-271301-00002	Sleeve - Worm Gear Adjustment.....	AR

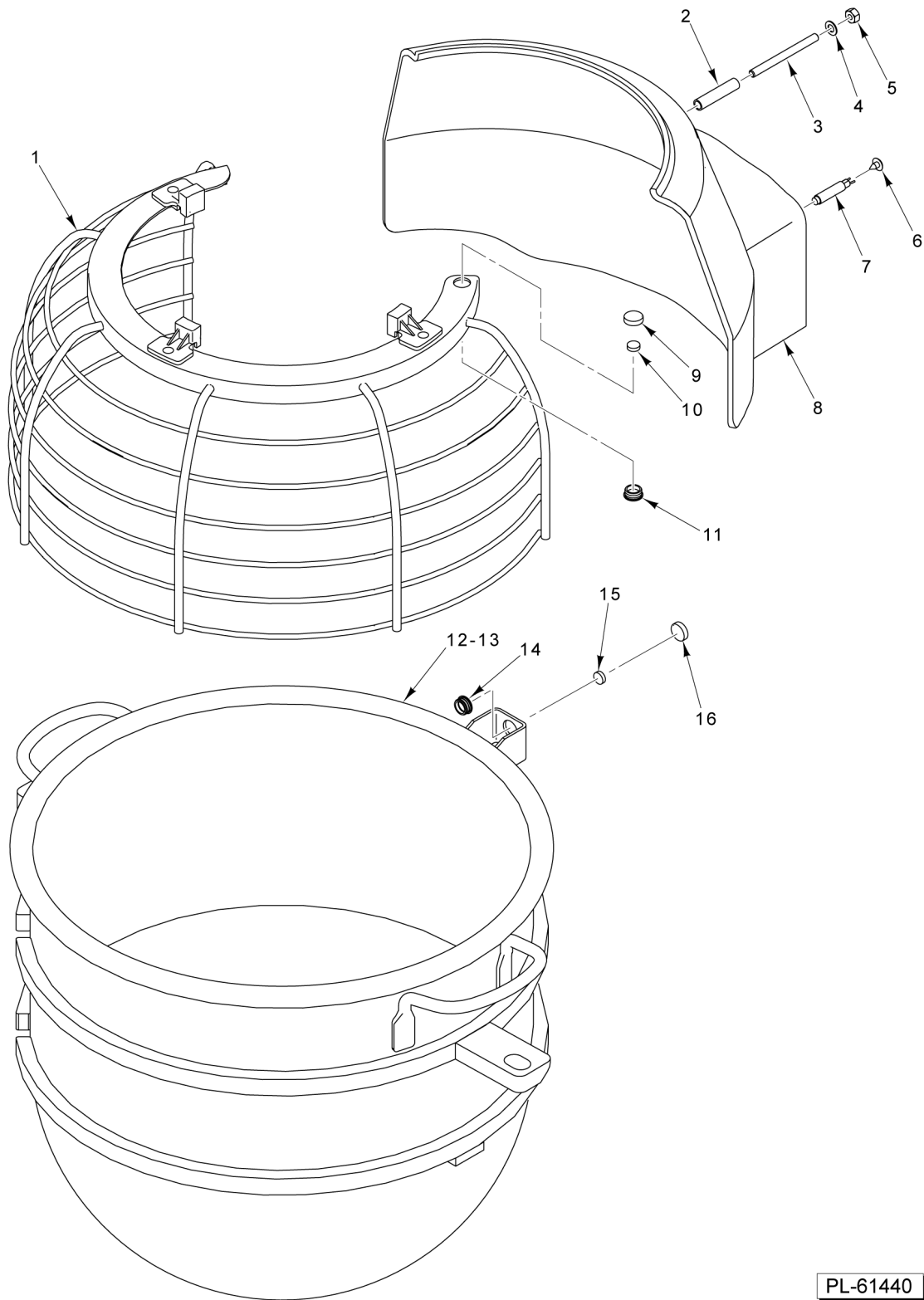


**PLANETARY**



**PLANETARY**

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-61439			
1	00-916363	Flange - Dripcup.....	1
2	00-916416-00001	Gear - Internal.....	1
3	WL-003-48	Lockwasher 5/16 High Collar.....	6
4	SC-089-19	Cap Screw 5/16-18 x 1-3/8 Hex Socket Hd.....	6
5	SC-066-13	Mach. Screw 8-32 x 1/4 Phil. Truss Hd. (SST).....	3
6	00-064871	Plug - Friction.....	1
7	RR-004-06	Retaining Ring.....	1
8	00-916461	Pinion - Agitator Shaft.....	1
9	00-916563	Seal - Upper Agitator Shaft.....	1
10	BB-020-06	Ball Bearing (Fafnir 204KDFA51580).....	1
11	00-916435	Planetary.....	1
12	00-874770	Spacer - Bowl Scraper.....	2
13	SC-053-46	Mach. Screw 1/4-20 x 3/4 Slotted Truss Hd. (SST).....	2
14	00-917743	Washer - Planetary Assy.....	1
15	WL-006-28	Lockwasher 3/8 Helical.....	1
16	SC-062-58	Cap Screw 3/8-24 x 1-1/4 Hex Hd.....	1
17	BB-017-36	Ball Bearing - SKF #6205Z.....	1
18	00-110335	Seal - Agitator Shaft.....	1
19	00-916457	Shaft - Agitator.....	1
20	00-070019	Pin - Agitator.....	1
21	00-012430-00142	Key 1/4 x 1/4 x 1.....	1
22	00-916437-00001	Planetary Assy. (Incls. Items 7 thru 14 & 18 thru 21).....	1

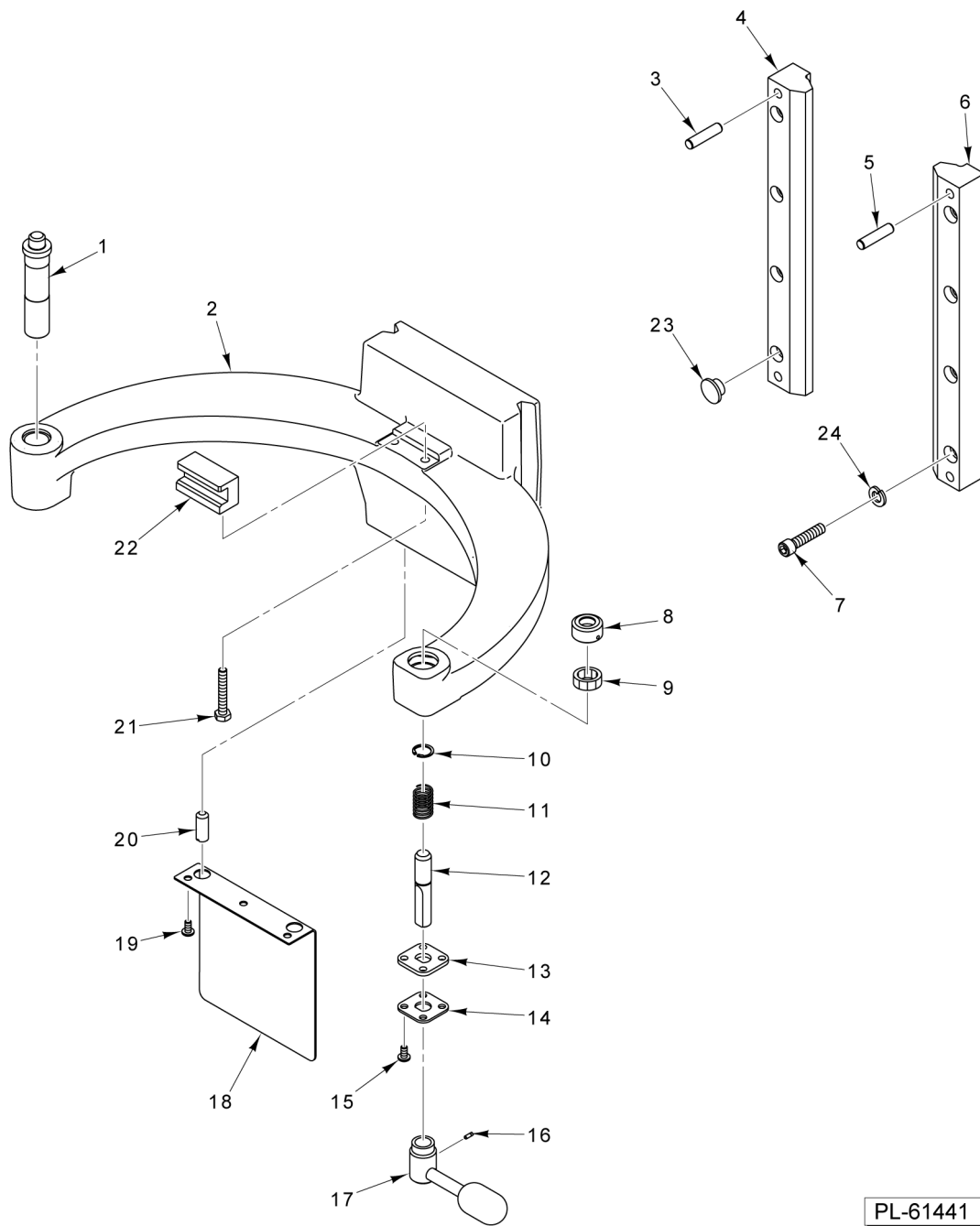


PL-61440

**BOWL AND BOWL GUARD**

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ILLUS.	PART NO.	NAME OF PART	AMT.
PL-61440			
1	00-937210-00001	Wire Cage Assy. (Incls. Items 9, 10, & 11).....	1
2	00-916610	Spacer - Splash Guard.....	4
3	00-916671	Rod - Splash Guard.....	4
4	WS-003-19	Washer.....	4
5	NS-013-02	Nut 1/4-20 Hex.....	4
6	SD-034-19	Self-Tapping Screw 10-16 x 3/8 Phil. Truss Hd., Type AB.....	1
7	00-087711-00352	Switch - Reed.....	1
8	00-917228	Guard - Splash Back.....	1
9	00-917357	Holder - Magnet (Upper).....	1
10	00-874875	Magnet - Disc.....	1
11	00-917358	Holder - Magnet (Lower).....	1
12	00-916617	Bowl Assy. (20 Qt.).....	1
13	00-916616	Bowl Assy. (30 Qt.).....	1
14	00-917358	Holder - Magnet (Lower).....	1
15	00-874875	Magnet - Disc.....	1
16	00-917357	Holder - Magnet (Upper).....	1



PL-61441

### BOWL SUPPORT

**BOWL SUPPORT**

ILLUS. PL-61441	PART NO.	NAME OF PART	AMT.
1	00-916516	Pin - Bowl (LH).....	1
2	00-916497	Support - Bowl.....	1
3	00-011800-00141	Dowel 1/16 x 1-3/16.....	2
4	00-916365-00001	Slideway - Bowl Lift (LH).....	1
5	00-011800-00141	Dowel 1/16 x 1-3/16.....	2
6	00-916365-00002	Slideway - Bowl Lift (RH).....	1
7	SC-089-19	Cap Screw 5/16-18 x 1-3/8 Hex Socket Hd.....	8
8	00-916501	Ramp.....	1
9	00-916502	Bushing - Split.....	1
10	RR-012-47	Retaining Ring SST.....	1
11	00-916488	Spring - Compression.....	1
12	00-916505	Pin - Bowl (RH).....	1
13	00-916550	Glide - Bowl Release.....	1
14	00-916506	Plate - Bowl Release.....	1
15	SC-093-23	Mach. Screw 10-24 x 3/8 Phil. Pan Hd.....	4
16	SC-047-74	Set Screw 8-32 x 1/4 Hdls. Cup Pt.....	1
17	00-916504-00001	Handle - Bowl Release.....	1
18	00-916470	Apron - Lower.....	1
19	SC-093-23	Mach. Screw 10-24 x 3/8 Phil. Pan Hd.....	3
20	SC-129-59	Set Screw 3/8-16 x 1.....	2
21	SC-097-15	Cap Screw 1/4-20 x 1-5/8 Hex Hd.....	2
22	00-916515	Catch - Rear Bowl.....	1
23	PB-004-96	Cap.....	8
24	WL-003-48	Lockwasher 5/16 High Collar.....	8



**AGITATORS AND ACCESSORIES**

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-61442			
1	00-916573	"C" Wire Whip (30 & 40 Qt.) (Packaged).....	1
2	00-916598	"D" Wire Whip (20 Qt.) (Packaged).....	1
3	00-916520	"I" Wire Whip (30 & 40 Qt.) (Packaged).....	1
4	00-916421	"D" Wire Whip (30 & 40 Qt.) (Packaged).....	1
5	00-916372	"B" Beater (30 & 40 Qt.) (Packaged).....	1
6	00-916582	"B" Flat Beater (20 Qt.) (Packaged).....	1
7	00-916827	"ED" Dough Arm (20 Qt.) (Packaged).....	1
8	00-916618-00001	"ED" Hook (30 & 40 Qt.) (Packaged).....	1
9	00-916838	Bowl Scraper (30 Qt.) (Packaged).....	1
10	00-916481	"P" Pastry Knife (30 & 40 Qt.) (Packaged).....	1
11	00-916883	Bowl Truck Assy.....	1
12	00-018682-00001	Foot.....	4
13	00-087668-00002	Caster.....	4
14	00-438079	Splash Cover & Bowl Extension (20 Qt.) (Packaged) (Lexan).....	1
15	00-438080	Splash Cover Assy. - 30 Qt. (Packaged) (Lexan).....	1
16	00-875677	Splash Cover (20 Qt.) (Packaged) (SST).....	1
17	00-874753	Plunger Assy.....	1
18	00-916684	Ingredient Chute (20 Qt.) (Packaged).....	1
19	00-438607	Ingredient Chute (30 Qt.) (Packaged).....	1

