HOBART

CATALOG OF REPLACEMENT PARTS



20 QUART MIXER

WITH ATTACHMENT HUB

HS20	ML-134383
HS20	ML-134384
HS20CE	ML-134386

WITHOUT ATTACHMENT HUB

HS20	ML-134396
HS20	ML-134397
HS20CE	ML-134432

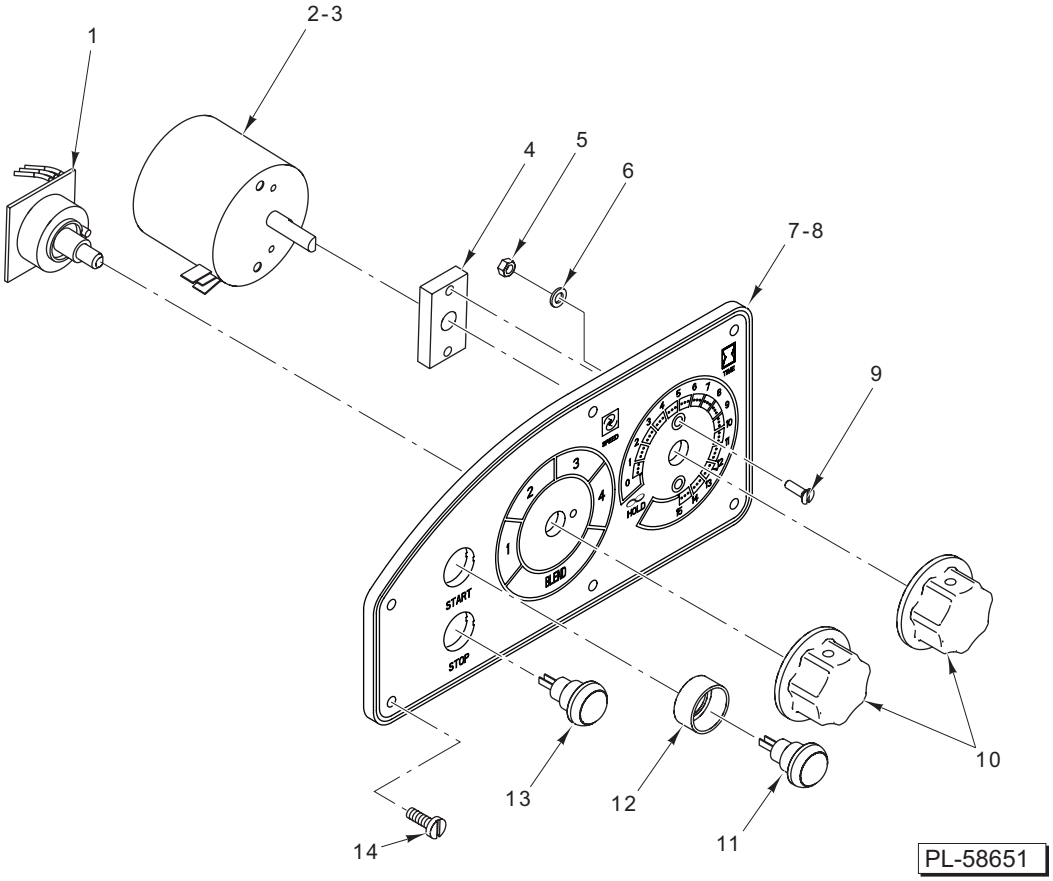
A product of HOBART 701 S. RIDGE AVENUE TROY, OHIO 45374-0001

FORM 43155 Rev. B (December 2008)

Table of Contents

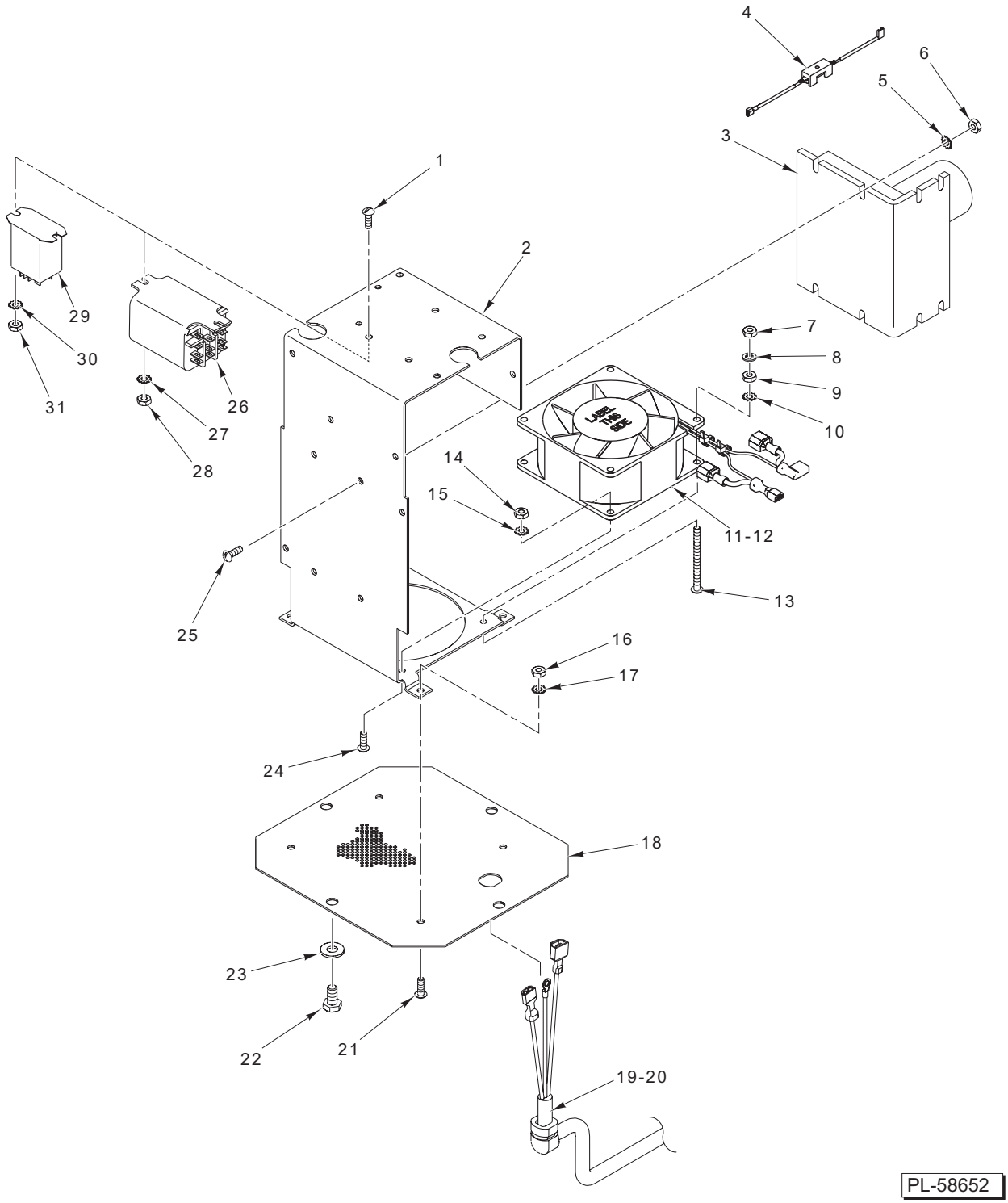
3 CONTROL PANEL
5 ELECTRICAL COMPONENTS
(ML-134383, ML-134384, ML-134396, & ML-134397)
7 ELECTRICAL COMPONENTS (ML-134386 & ML-134432)
9 ATTACHMENT HUB
11 BASE AND PEDESTAL
13 BOWL SUPPORT
15 TRANSMISSION CASE AND MOTOR
17 TRANSMISSION
19 BOWL GUARD AND HEIGHT SENSOR
21 AGITATORS AND ACCESSORIES
22 WIRING HARNESSES
(ML-134383, ML-134384, ML-134396, & ML-134397)
23 WIRING HARNESSES (ML-134386 & ML-134432)

 © HOBART 2008



CONTROL PANEL

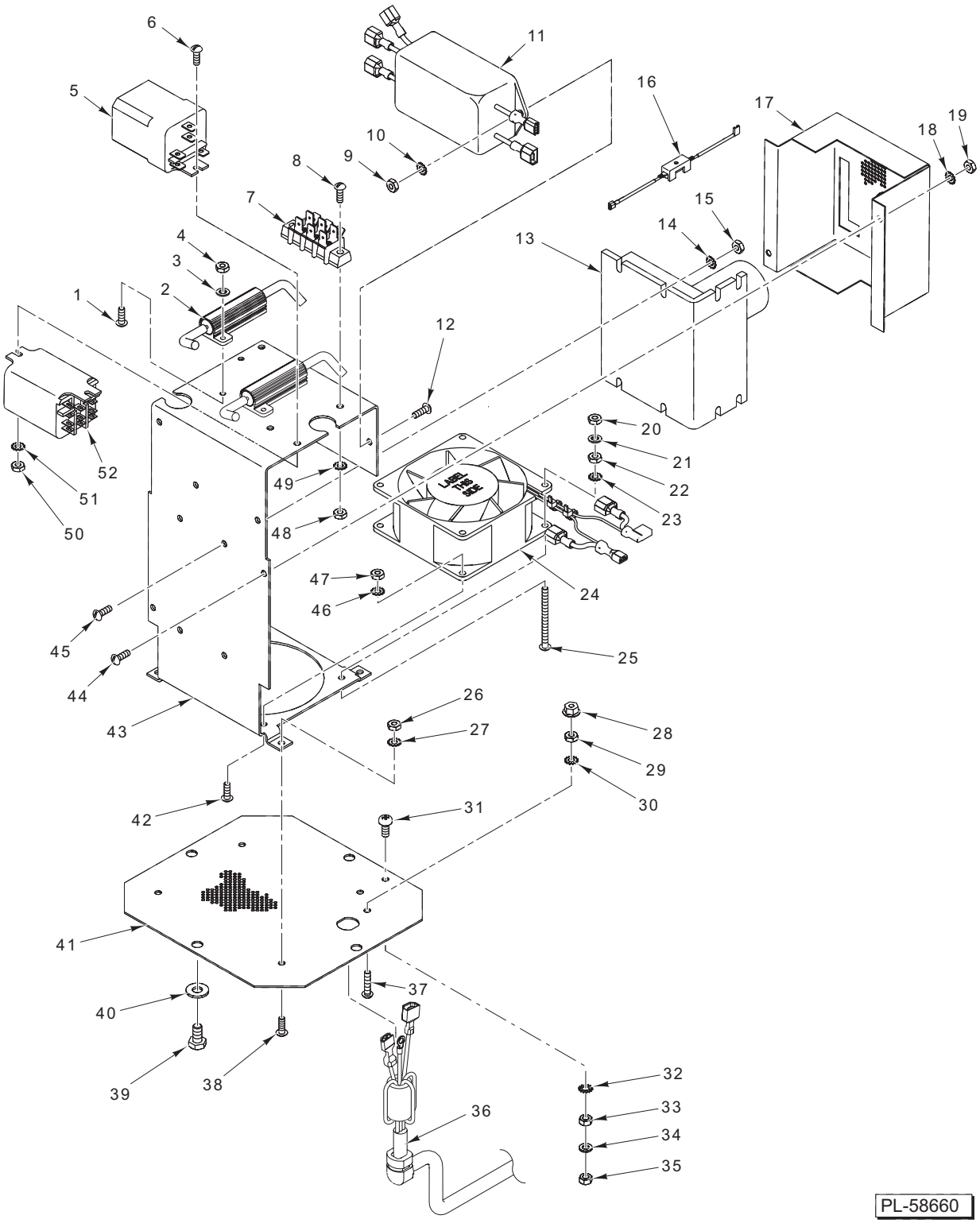
ILLUS. PL-58651	PART NO.	NAME OF PART	AMT.
1	00-917029	PCB Assy. – Speed Select	1
2	00-916988-00002	Timer Assy. (180-250 V., 60 Hz.) (ML-134384, ML-134386, ML-134397, & ML-134432)	1
3	00-916988-00001	Timer Assy. (90-130 V., 60 Hz.) (ML-134383 & ML-134396)	1
4	00-916938	Spacer – Timer	1
5	NS-009-12	Nut 8-32 Hex (ML-134386 & ML-134432)	1
6	WL-007-06	Lockwasher #8 (ML-134386 & ML-134432)	1
7	00-917444	Panel – Operator (Black) (ML-134383, ML-134384, ML-134396, & ML-134397)	1
8	00-917515	Panel – Operator (Black) (With Clinch Stud) (ML-134386 & ML-134432)	1
9	SC-022-72	Mach. Screw 5-40 x $^{7}/_{16}$ Slotted Flat Hd. (SST)	2
10	00-917141	Knob – Control	2
11	00-917447	Switch – Start	1
12	00-917446	Guard – Switch	1
13	00-917448	Switch Assy. – Stop	1
14	SC-019-34	Mach. Screw 8-32 x $^{1}/_{2}$ Slotted Bndg. Hd	6



ELECTRICAL COMPONENTS
(ML-134383, ML-134384, ML-134396, & ML-134397)

ELECTRICAL COMPONENTS
(ML-134383, ML-134384, ML-134396, & ML-134397)

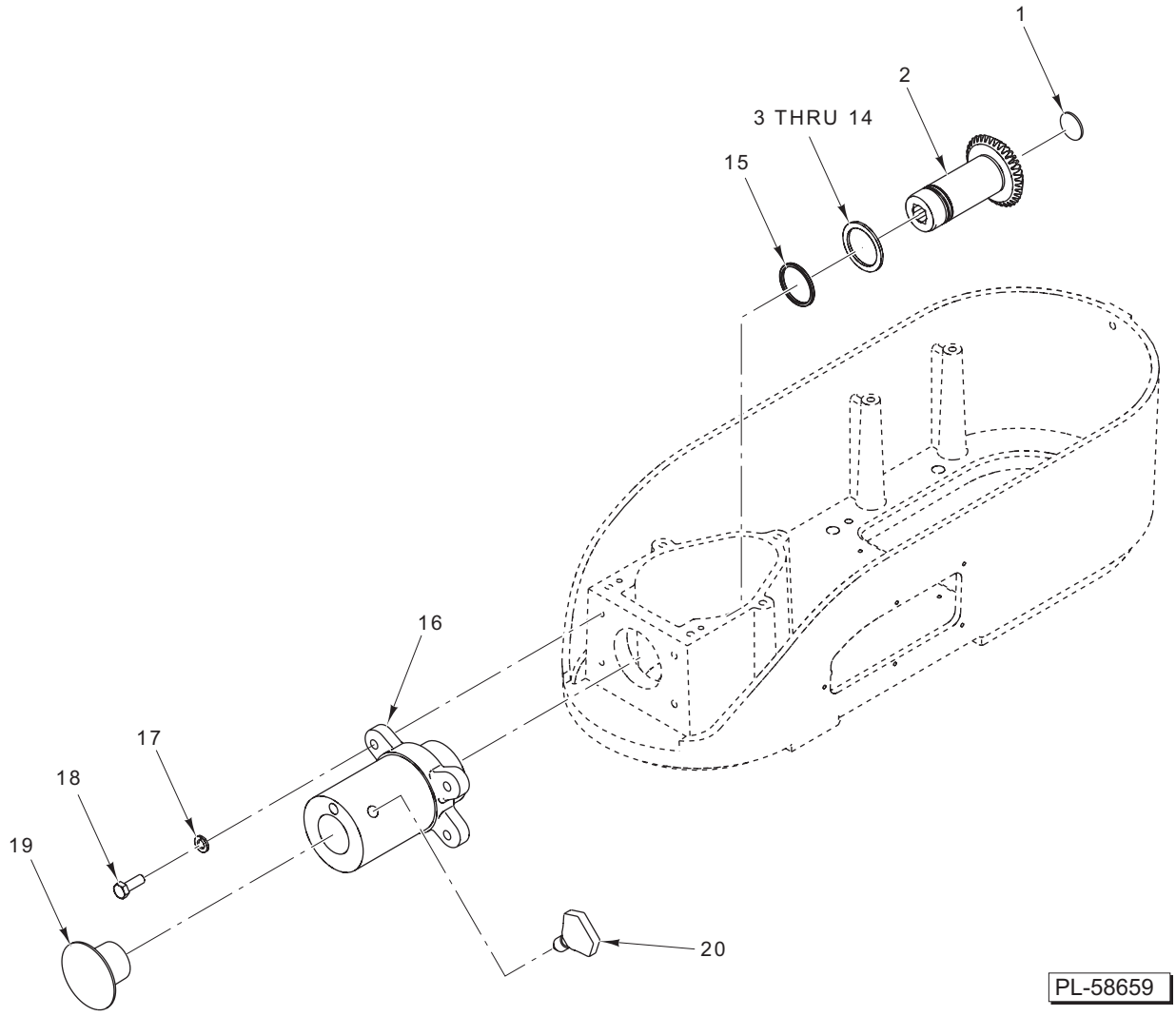
ILLUS. PL-58652	PART NO.	NAME OF PART	AMT.
1	SC-021-15	Mach. Screw 8-32 x 1/2 Slotted Rd. Hd. (SST)	2
2	00-917256	Plate – Mounting (Electrical Components)	1
3	00-917027-00001	Control – Speed (90 V.)	1
4	00-917668	Fuse Assy. (8 Amp.)	1
5	WL-007-07	Lockwasher #8 External	4
6	NS-009-12	Nut 8-32 Hex	4
7	NS-009-12	Nut 8-32 Hex	1
8	WL-013-08	Lockwasher #8 Internal	1
9	NS-009-12	Nut 8-32 Hex	1
10	WL-007-07	Lockwasher #8 External	1
11	00-917477-00001	Fan Assy. (115 V.) (ML-134383 & ML-134396)	1
12	00-917477-00002	Fan Assy. (230 V.) (ML-134384 & ML-134397)	1
13	SC-116-66	Mach. Screw 8-32 x 2 Slotted Rd. Hd.	1
14	NS-009-12	Nut 8-32 Hex	3
15	WL-007-07	Lockwasher #8 External	3
16	NS-009-12	Nut 8-32 Hex	4
17	WL-007-07	Lockwasher #8 External	4
18	00-917111	Plate – Bottom Cover	1
19	00-917525	Cord & Plug Strain Relief (120 V.) (ML-134383 & ML-134396)	1
20	00-917526	Cord & Plug Strain Relief (250 V.) (ML-134384 & ML-134397)	1
21	SC-021-15	Mach. Screw 8-32 x 1/2 Slotted Rd. Hd. (SST)	4
22	SC-036-14	Cap Screw 1/4-20 x 1/2 Hex Hd	4
23	WS-017-25	Washer	4
24	SC-021-15	Mach. Screw 8-32 x 1/2 Slotted Rd. Hd. (SST)	3
25	SC-021-15	Mach. Screw 8-32 x 1/2 Slotted Rd. Hd. (SST)	4
26	00-087714-020-3	Relay (3P.D.T.) (180 V.) (ML-134384 & ML-134397)	1
27	WL-007-07	Lockwasher #8 External	2
28	NS-009-12	Nut 8-32 Hex	2
29	00-087714-00063	Relay (D.P.D.T.) (120 V.) (ML-134383 & ML-134396)	1
30	WL-007-07	Lockwasher #8 External	2
31	NS-009-12	Nut 8-32 Hex	2
	00-916972-002-2	Tubing – Convoluted Slit	1



ELECTRICAL COMPONENTS
(ML-134386 & ML-134432)

ELECTRICAL COMPONENTS
(ML-134386 & ML-134432)

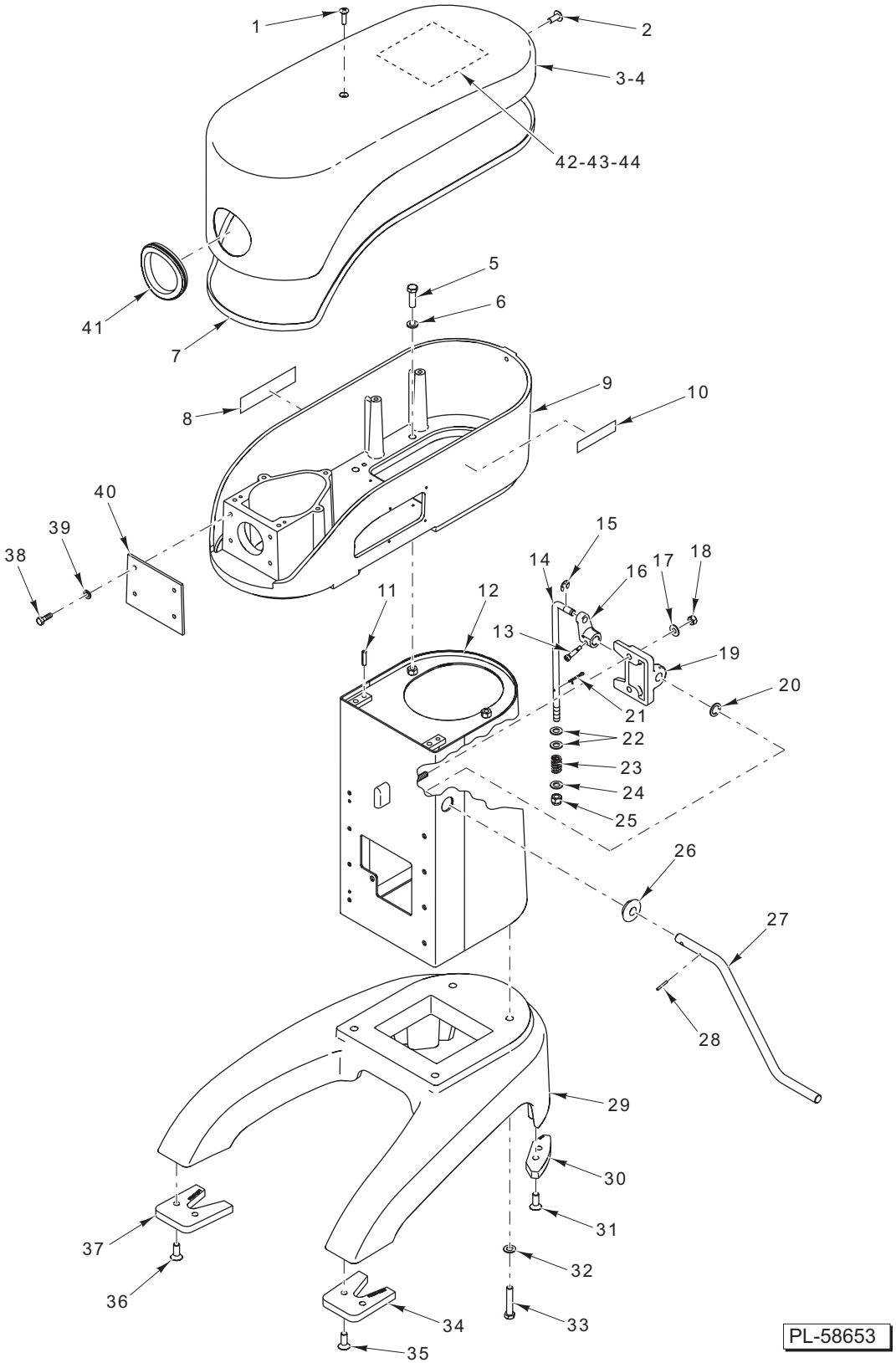
ILLUS. PL-58660	PART NO.	NAME OF PART	AMT.
1	SC-113-10	Mach. Screw 4-40 x 3/8 Phil. Pan Hd.	4
2	00-917608	Resistor Assy.	2
3	WL-007-39	Lockwasher #4 External	2
4	NS-009-02	Nut 4-40 Hex	2
5	00-916904-01-01	Relay – Power (240 V.)	1
6	SC-021-15	Mach. Screw 8-32 x 1/2 Phil. Pan Hd.	2
7	00-916269	Block – Terminal	1
8	SC-021-15	Mach. Screw 8-32 x 1/2 Phil. Pan Hd.	2
9	NS-009-12	Nut 8-32 Hex	2
10	WL-007-07	Lockwasher #8 External	2
11	00-917394	Filter – Power Line	1
12	SC-021-15	Mach. Screw 8-32 x 1/2 Phil. Pan Hd.	2
13	00-917027-00001	Control – Speed (90 V.)	1
14	WL-007-07	Lockwasher #8 External	4
15	NS-009-12	Nut 8-32 Hex	4
16	00-917668	Fuse Assy. (8 Amp.)	1
17	00-917418	Cage Assy. – Faraday Drive	1
18	WL-007-07	Lockwasher #8 External	2
19	NS-009-12	Nut 8-32 Hex	2
20	NS-009-12	Nut 8-32 Hex	1
21	WL-013-08	Lockwasher #8 Internal	1
22	NS-009-12	Nut 8-32 Hex	1
23	WL-007-07	Lockwasher #8 External	1
24	00-917477-00002	Fan Assy. (230 V.)	1
25	SC-116-66	Mach. Screw 8-32 x 2 Slotted Rd. Hd.	1
26	NS-009-12	Nut 8-32 Hex	4
27	WL-007-07	Lockwasher #8 External	4
28	NS-047-15	Lock Nut 8-32	1
29	NS-009-12	Nut 8-32 Hex	1
30	WL-007-07	Lockwasher #8 External	1
31	SC-128-15	Mach. Screw M5 x 0.8 x 12mm Phil. Pan Hd.	1
32	WL-019-96	Lockwasher M5 Helical	1
33	NS-047-49	Nut M5 x 38mm	1
34	WL-019-69	Lockwasher M5 External	1
35	NS-047-49	Nut M5 x 38mm	1
36	00-917399	Kit – Cord & Strain Relief (300 V.)	1
37	SC-009-68	Mach. Screw 8-32 x 3/4 Slotted Rd. Hd.	1
38	SC-021-15	Mach. Screw 8-32 x 1/2 Phil. Pan Hd.	4
39	SC-036-14	Cap Screw 1/4-20 x 1/2 Hex Hd.	4
40	WS-017-25	Washer	4
41	00-918407	Plate – Bottom Cover	1
42	SC-021-15	Mach. Screw 8-32 x 1/2 Phil. Pan Hd.	3
43	00-917256	Plate – Controller Mounting	1
44	SC-021-15	Mach. Screw 8-32 x 1/2 Phil. Pan Hd.	2
45	SC-021-15	Mach. Screw 8-32 x 1/2 Phil. Pan Hd.	4
46	WL-007-07	Lockwasher #8 External	3
47	NS-009-12	Nut 8-32 Hex	3
48	NS-009-12	Nut 8-32 Hex	2
49	WL-007-07	Lockwasher #8 External	2
50	NS-009-12	Nut 8-32 Hex	2
51	WL-007-07	Lockwasher #8 External	2
52	00-087714-020-3	Relay (3P.D.T.) (180 V.)	1
	00-916972-002-2	Tubing – Convoluted Slit	1



ATTACHMENT HUB

ATTACHMENT HUB

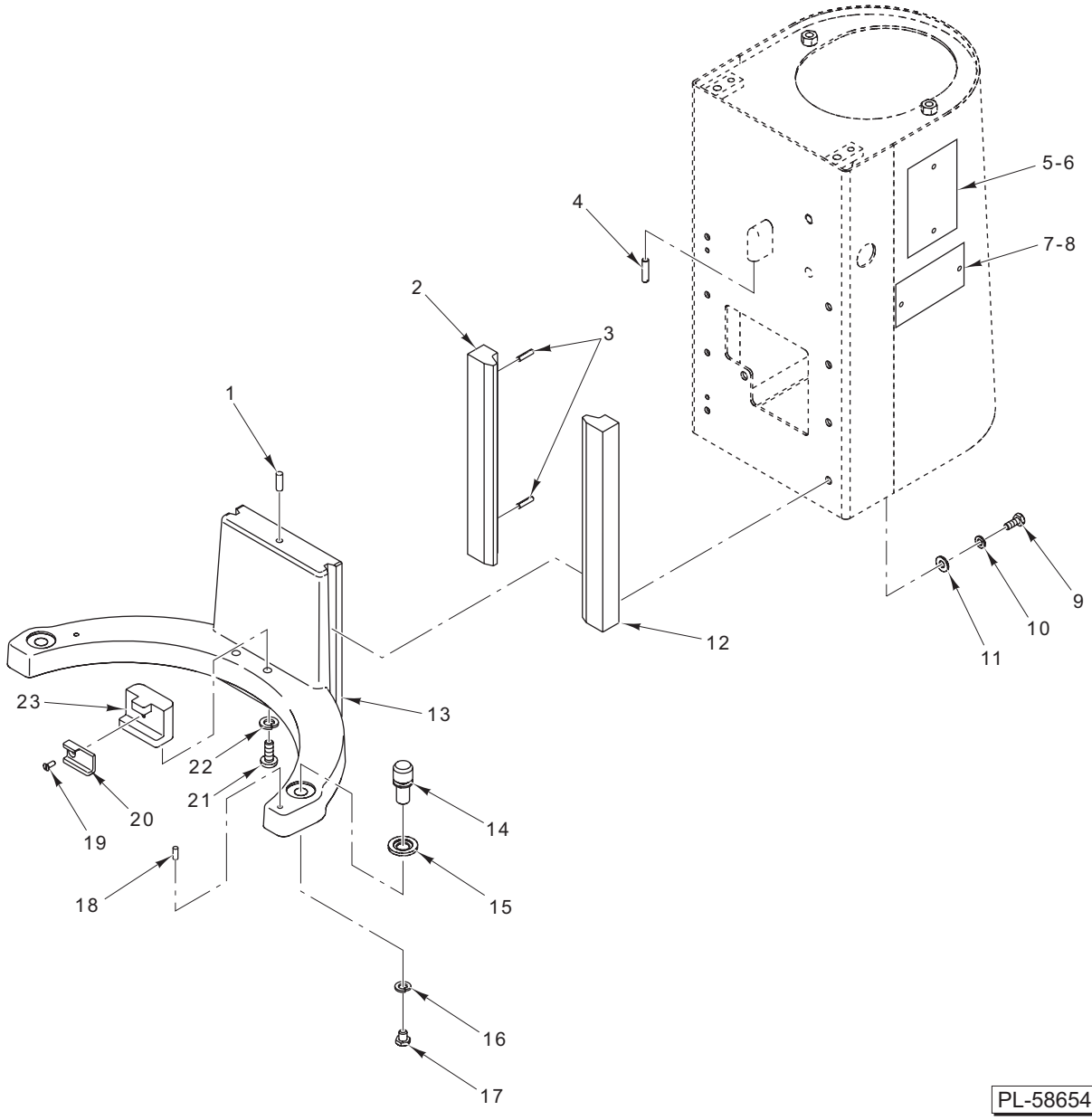
ILLUS. PL-58659	PART NO.	NAME OF PART	AMT.
1	PL-003-17	Plug – Expansion	1
2	00-917174	Gear – Drive Attachment (Incls. Item 1)	1
3	00-061920-00001	Washer (0.076)	AR
4	00-061920-00002	Washer (0.079)	AR
5	00-061920-00003	Washer (0.082)	AR
6	00-061920-00004	Washer (0.085)	AR
7	00-061920-00005	Washer (0.088)	AR
8	00-061920-00006	Washer (0.091)	AR
9	00-061920-00007	Washer (0.094)	AR
10	00-061920-00008	Washer (0.097)	AR
11	00-061920-00009	Washer (0.100)	AR
12	00-061920-00010	Washer (0.103)	AR
13	00-061920-00011	Washer (0.106)	AR
14	00-061920-00012	Washer (0.070)	AR
15	OR-001-03	O-Ring – Quad	1
16	00-917066-00002	Hub – Attachment	1
17	WL-003-47	Lockwasher $^{5}/_{16}$ Helical	4
18	SC-037-85	Cap Screw $^{5}/_{16}$-18 x 1 Hex Hd.	4
19	00-917322	Plug – Attachment (Black)	1
20	00-108197-00001	Screw – Thumb $1^{1}/_{4}$	1



BASE AND PEDESTAL

BASE AND PEDESTAL

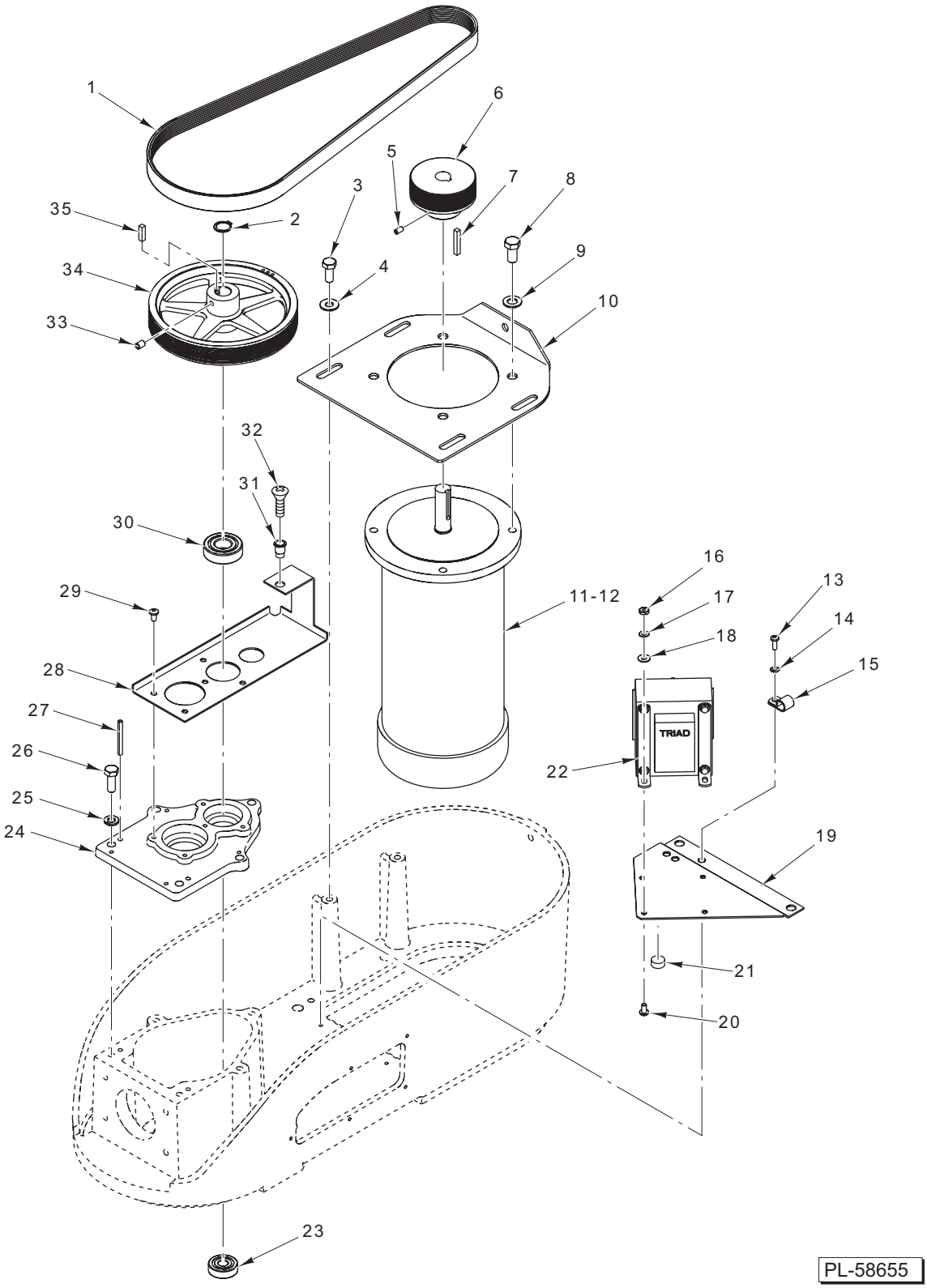
ILLUS. PL-58653	PART NO.	NAME OF PART	AMT.
1	SC-120-29	Mach. Screw 1/4-20 x 1 Phil. Oval Hd.	1
2	SC-130-16	Mach. Screw 5/16-24 x 3/4 Phil. Truss Hd.	1
3	00-917118	Cover – Top (With Hub) (ML-134383, ML-134384, & ML-134386)	1
4	00-917118-00002	Cover – Top (Without Hub) (ML-134396, ML-134397, & ML-134432)	1
5	SC-118-09	Cap Screw 3/8-16 x 1 1/4 Hex Hd.	4
6	WL-004-06	Lockwasher 3/8 Helical	4
7	00-874925-00007	Seal – Neopreme	1
8	00-118364	Logo – Hobart (Large)	1
9	00-917067-00002	Transmission	1
10	00-118363	Logo – Hobart (Small)	1
11	RP-006-37	Pin – Roll	2
12	00-917071	Pedestal – Weldment	1
13	SC-086-49	Shoulder Screw 10-24 x 1 Hex Soc. Hd.	1
14	00-917824	Rod – Bowl Lift	1
15	RR-012-42	Retaining Ring	2
16	00-917089-00003	Arm – Bowl Lift	1
17	WS-017-16	Washer	2
18	NS-013-14	Nut 5/16-18 Hex	2
19	00-917082-00003	Bearing – Bowl Lift	1
20	WS-020-01	Washer (SST)	1
21	PC-003-55	Pin – Cotter	1
22	WS-006-26	Washer	2
23	00-012782	Spring	1
24	WS-006-26	Washer	1
25	NS-036-15	Stop Nut 3/8-24	1
26	00-439586	Grommet	1
27	00-917826	Handle – Bowl Lift	1
28	RP-002-25	Pin – Roll	1
29	00-917065-00002	Base	1
30	00-917166	Pad – Rear	2
31	SC-061-15	Cap Screw 3/8-16 x 1 Hex Flat Hd.	4
32	WS-006-26	Washer	4
33	SC-118-07	Cap Screw 3/8-16 x 2 Hex Hd.	4
34	00-917165-00002	Pad – Front (RH)	1
35	SC-061-15	Cap Screw 3/8-16 x 1 Hex Flat Hd.	2
36	SC-061-15	Cap Screw 3/8-16 x 1 Hex Flat Hd.	2
37	00-917165-00001	Pad – Front (LH)	1
38	SC-062-07	Cap Screw 5/16-18 x 1/2 Hex Hd.	4
39	WL-003-47	Lockwasher 5/16 Helical	4
40	00-917273	Plate – Attachment Hub Closeoff (ML-134396, ML-134397, & ML-134432)	1
41	00-917128	Grommet – Attachment Hub	1
42	0F-037216	Wiring Diagram (ML-134383 & ML-134396)	1
43	0F-037217	Wiring Diagram (ML-134384 & ML-134397)	1
44	0F-037208	Wiring Diagram (ML-134386 & ML-134432)	1



BOWL SUPPORT

BOWL SUPPORT

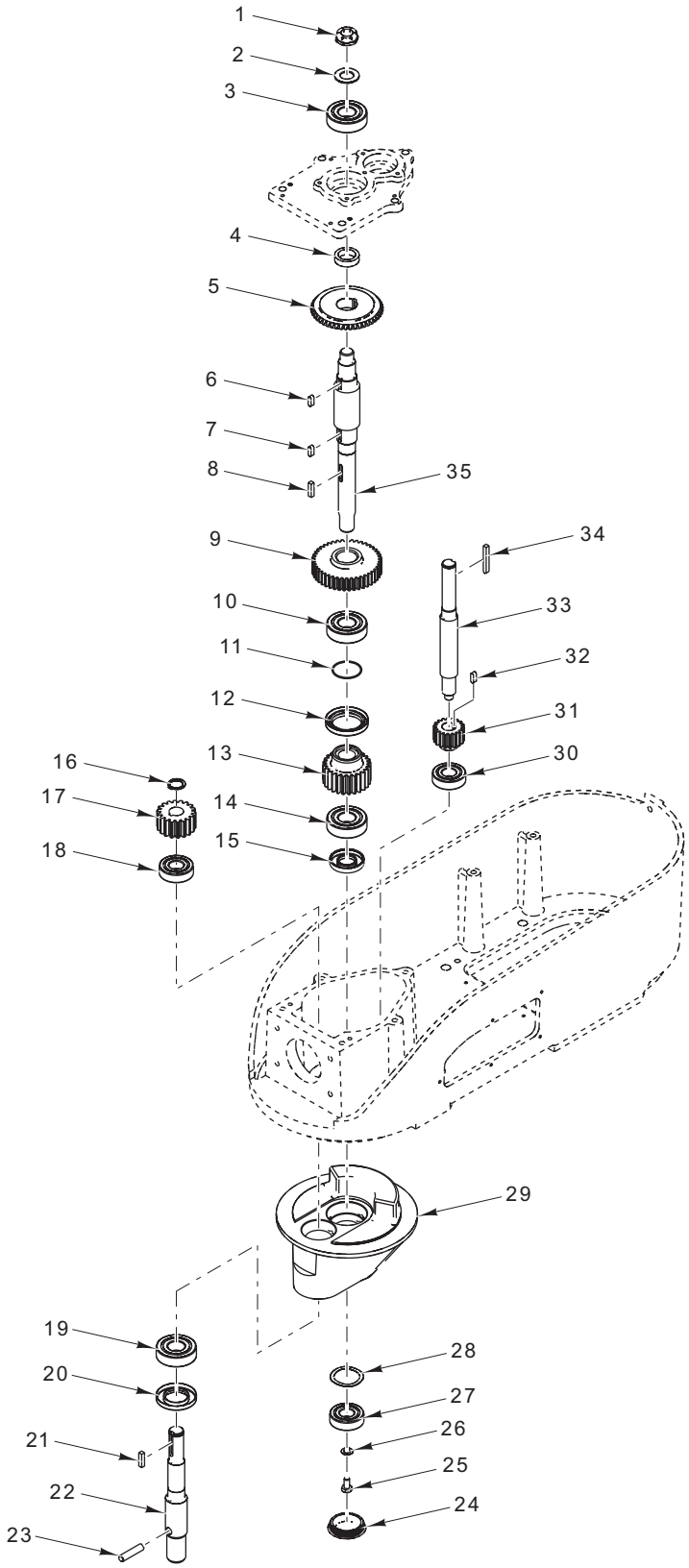
ILLUS. PL-58654	PART NO.	NAME OF PART	AMT.
1	00-011800-00295	Dowel 1/4 x 3/4 (SST)	1
2	00-917084-00001	Slideway (LH)	1
3	RP-005-09	Pin – Roll	2
4	00-917249	Screw – Adj. Bowl Up	1
5	00-916957-00002	Label – Warning (ML-134386 & ML-134432)	1
6	SD-005-14	Self-Tapping Screw #4 x 1/4 Rd. Hd., Type U	2
7	00-438131-00179	Label – Warning (ML-134383, ML-134384, ML-134396, & ML-134397)	1
8	SD-005-14	Self-Tapping Screw #4 x 1/4 Rd. Hd., Type U	2
9	SC-110-12	Cap Screw 1/4-20 x 5/8 Hex Hd	8
10	WL-003-38	Lockwasher 1/4 Helical	8
11	WS-017-25	Washer	8
12	00-917084-00002	Slideway (RH)	1
13	00-917117-00002	Support – Bowl	1
14	00-917193	Pin – Bowl Mounting	2
15	00-917180	Bushing – Bowl Support	2
16	WL-003-47	Lockwasher 5/16 Helical	2
17	SC-125-20	Cap Screw 5/16-18 x 3/8 Hex Hd.	2
18	PG-006-29	Pin – Grooved (SST)	2
19	SC-130-50	Mach. Screw M3 x 8mm Slotted Flat Hd. (SST)	1
20	00-917511	Bracket – Insert	1
21	SC-130-49	Mach. Screw M6 x 16mm Slotted Pan Hd. (SST)	2
22	WL-019-97	Lockwasher M6 Helical	2
23	00-917510	Bracket	1



TRANSMISSION CASE AND MOTOR

TRANSMISSION CASE AND MOTOR

ILLUS. PL-58655	PART NO.	NAME OF PART	AMT.
1	00-917502	Belt – V Ribbed	1
2	RR-004-18	Ring – Retaining	1
3	SC-117-92	Cap Screw 5/16-18 x 3/4 Hex Hd.	4
4	00-291284	Washer – Toothed	4
5	SC-075-36	Set Screw 10-24 x 3/8 Hex Hdls., Cup Pt.	1
6	00-917497	Pulley – Driver	1
7	00-917496-00001	Key – Metric	1
8	SC-118-12	Cap Screw 3/8-16 x 3/4 Hex Hd.	4
9	WL-004-06	Lockwasher 3/8 Helical	4
10	00-917085	Plate – Motor Mounting	1
11	00-917025-00001	Motor (90 V.) (ML-134383, ML-134384, ML-134396, & ML-134397)	1
12	00-917400	Motor Assy. (90 V.) (ML-134386 & ML-134432)	1
13	SC-018-34	Mach. Screw 8-32 x 1/2 Phil. Pan Hd.	1
14	WL-007-07	Lockwasher #8 External	1
15	00-078752-00009	Clamp – Cable	1
16	NS-009-22	Nut 10-24 Hex (ML-134383 & ML-134396)	4
17	WL-007-12	Lockwasher #10 External (ML-134383 & ML-134396)	4
18	WS-002-51	Washer (ML-134383 & ML-134396)	4
19	00-917716	Plate – Transformer (ML-134383 & ML-134396)	1
20	SC-093-23	Mach. Screw 10-24 x 3/8 Phil. Pan Hd. (ML-134383 & ML-134396)	4
21	00-916063	Bumper (ML-134383 & ML-134396)	1
22	00-916905-00001	Transformer (175 VA) (ML-134383 & ML-134396)	1
23	BB-005-01	Bearing – Ball	1
24	00-917083-00002	Cover – Transmission Case	1
25	WL-003-47	Lockwasher 5/16 Helical	5
26	SC-062-81	Cap Screw 5/16 x 7/8 Hex Soc. Hd.	5
27	RP-005-09	Pin – Roll	4
28	00-917114	Retainer – Top Bearing	1
29	SC-018-62	Mach. Screw 5/16 -18 x 3/8 Phil. Pan Hd.	5
30	BB-005-23	Bearing – Ball	1
31	00-041960	Insert – Threaded	1
32	SC-120-29	Mach. Screw 1/4-20 x 1 Phil. Oval Hd.	1
33	SC-047-12	Set Screw 1/4-20 x 3/8 Hex Hdls., Cup Pt.	1
34	00-917370	Pulley – Driven	1
35	00-917496-00012	Key 5mm x 5mm x 40mm	1
	00-916972-002-5	Tubing – Convoluted Slit	1

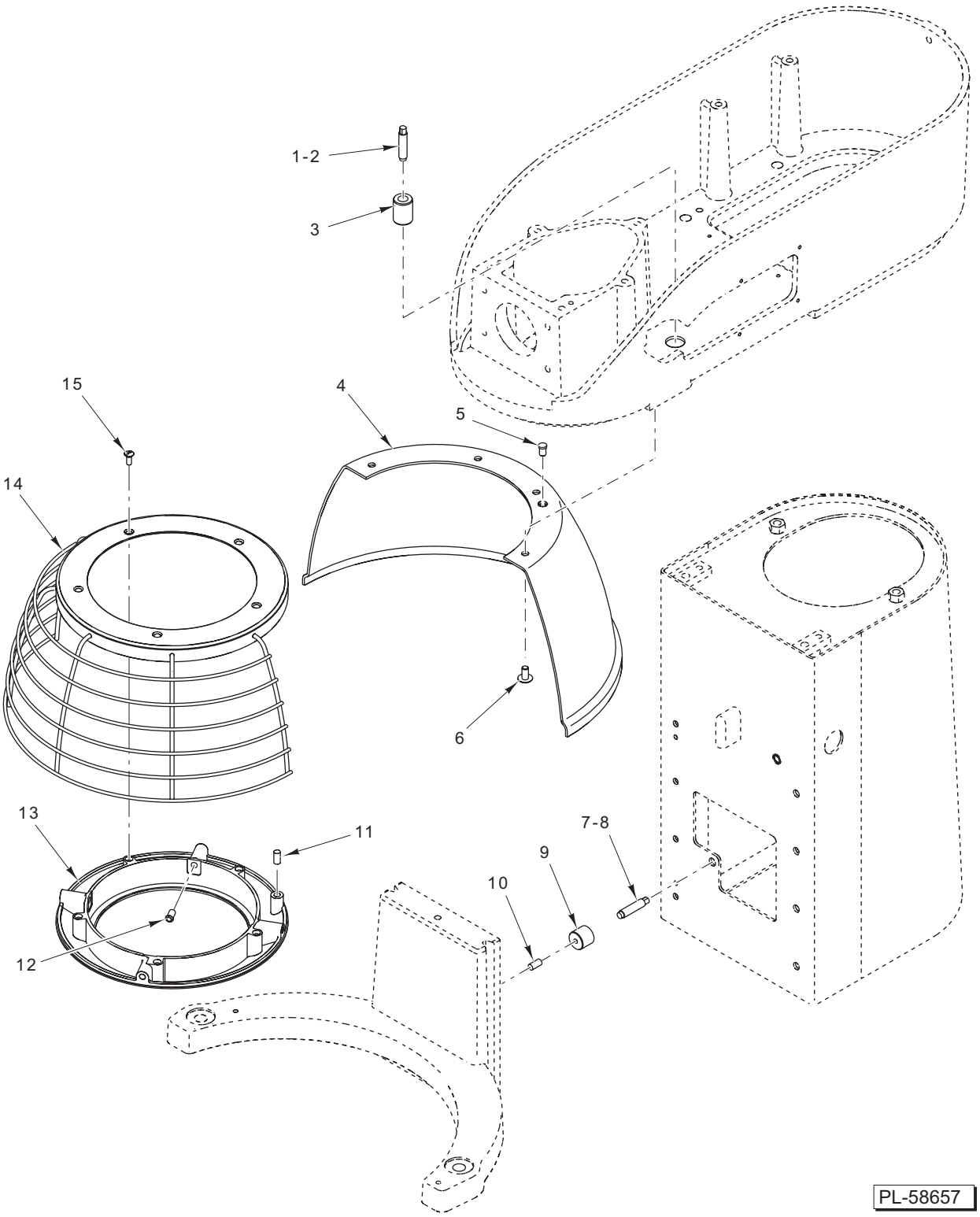


PL-58656

TRANSMISSION

TRANSMISSION

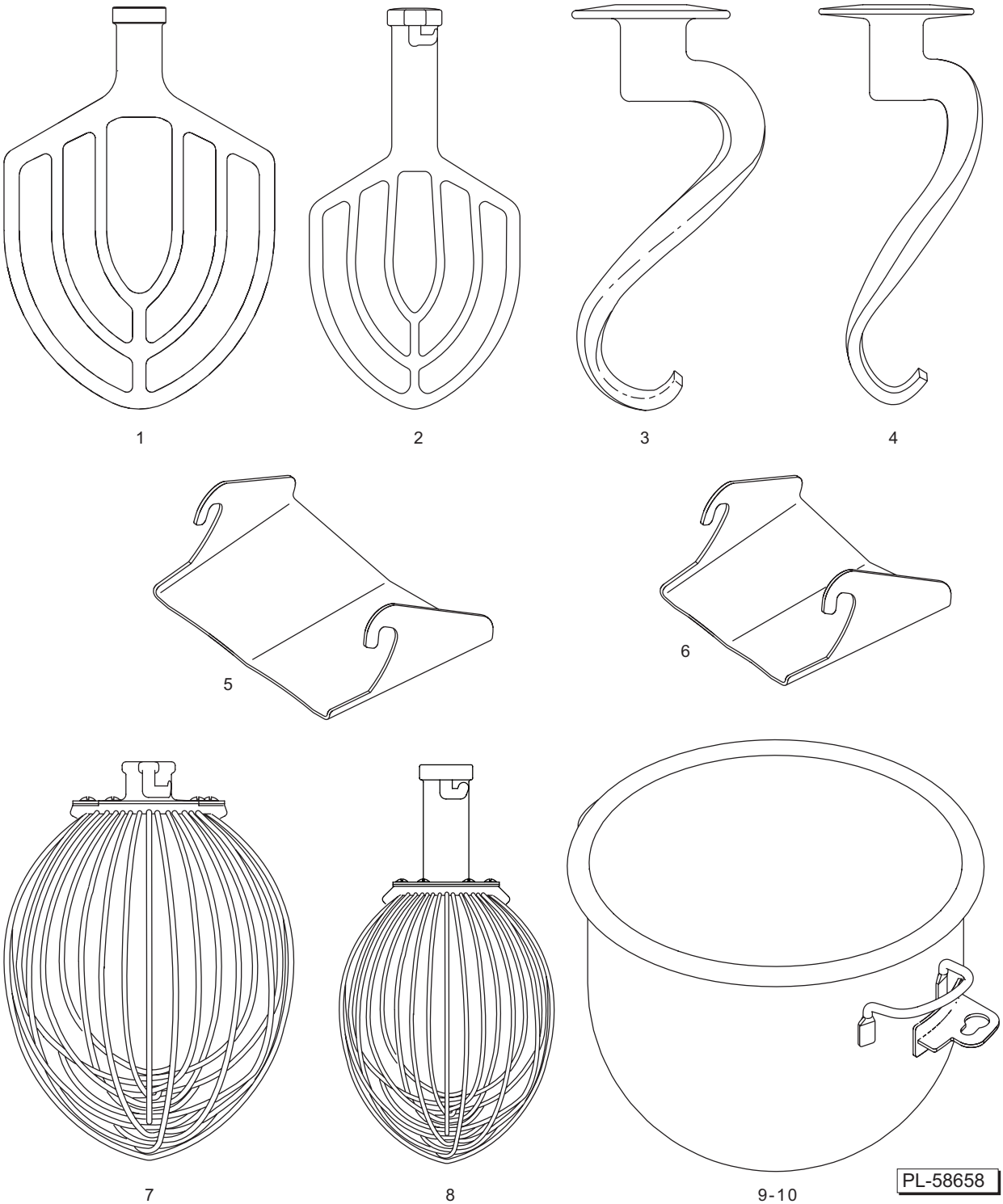
ILLUS. PL-58656	PART NO.	NAME OF PART	AMT.
1	NS-032-37	Lock Nut 5/8-18	1
2	WS-010-41	Washer	1
3	BB-005-34	Bearing – Ball	1
4	00-874793	Spacer – Planetary (ML-134383, ML-134384, & ML-134386)	1
5	00-124733-00002	Gear – Bevel (46T) (ML-134383, ML-134384, & ML-134386)	1
6	00-012430-00046	Key 3/16 x 3/16 x 17/32	1
7	00-012430-00045	Key 3/16 x 3/16 x 9/16	1
8	00-012430-00048	Key 3/16 x 3/16 x 3/4	1
9	00-917109	Gear (43T)	1
10	BB-005-46	Bearing – Ball	1
11	00-067500-00009	O-Ring	1
12	00-917123	Seal – Center Shaft	1
13	00-917100	Gear – Sun	1
14	BB-005-46	Bearing – Ball	1
15	00-439588	Seal – Transmission Case	1
16	RR-011-02	Ring – Retaining	1
17	00-439548	Gear – Planetary (Beater)	1
18	BB-020-18	Bearing – Ball	1
19	BB-005-46	Bearing – Ball	1
20	00-023482	Seal – Grease	1
21	00-012430-00048	Key 3/16 x 3/16 x 3/4	1
22	00-439522	Shaft – Planetary	1
23	00-065062-00001	Pin – Dowel	1
24	00-439632	Plug – Planetary	1
25	SC-090-19	Mach. Screw 1/2-13 x 3/4 Slotted Rd. Hd.	1
26	WS-030-04	Washer	1
27	BB-020-18	Bearing – Ball	1
28	SL-005-12	Spring – Loaded	1
29	00-439552-00002	Planetary	1
30	BB-005-01	Bearing – Ball	1
31	00-874777	Gear (18T)	1
32	00-012430-00007	Key 1/8 x 1/8 x 11/16	1
33	00-917116	Shaft – Input	1
34	00-917496-00012	Key 5mm x 5mm x 40mm	1
35	00-917081	Shaft – Center	1
	00-917179	Center Shaft Assy. (Incls. Items 7, 9, 10, & 35)	1



BOWL GUARD AND HEIGHT SENSOR

BOWL GUARD AND HEIGHT SENSOR

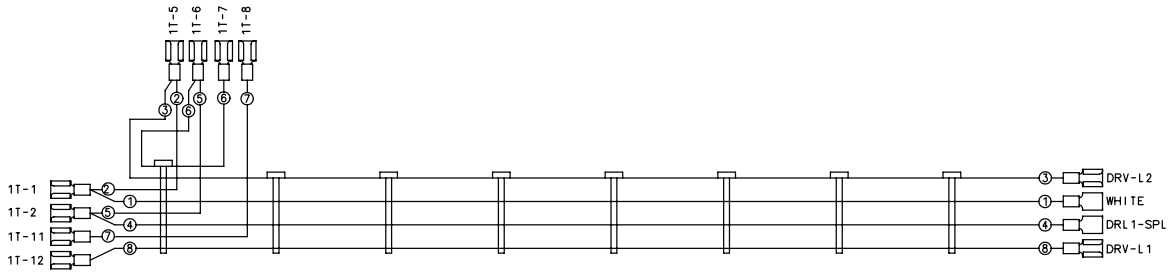
ILLUS. PL-58657	PART NO.	NAME OF PART	AMT.
1	00-916902-00003	Switch – Reed (ML-134383, ML-134384, ML-134396, & ML-134397)	1
2	00-916902-00004	Switch Assy. – Reed Fused (With In-Line Fuse) (ML-134386 & ML-134432)	1
3	00-917184	Holder – Reed Switch	1
4	00-917155	Guard – Rear Splash	1
5	00-917281	Pin – Magnet Bridge	1
6	SC-053-41	Mach. Screw 1/4-20 x 1/2 Slotted Truss Hd.	3
7	00-916902-00003	Switch – Reed (ML-134383, ML-134384, ML-134396, & ML-134397)	1
8	00-916902-00004	Switch Assy. – Reed Fused (With In-Line Fuse) (ML-134386 & ML-134432)	1
9	00-917186	Holder – Magnet	1
10	00-917185	Magnet	1
11	00-917185	Magnet	1
12	00-917056	Plunger – Ball	4
13	00-917152	Ring – Drip	1
14	00-917151	Cage	1
15	SC-023-44	Mach. Screw 10-24 x 1/2 Slotted Oval Hd. (SST)	5
	00-917150	Wire Cage Assy. (Incls. Items 11 thru 15)	1



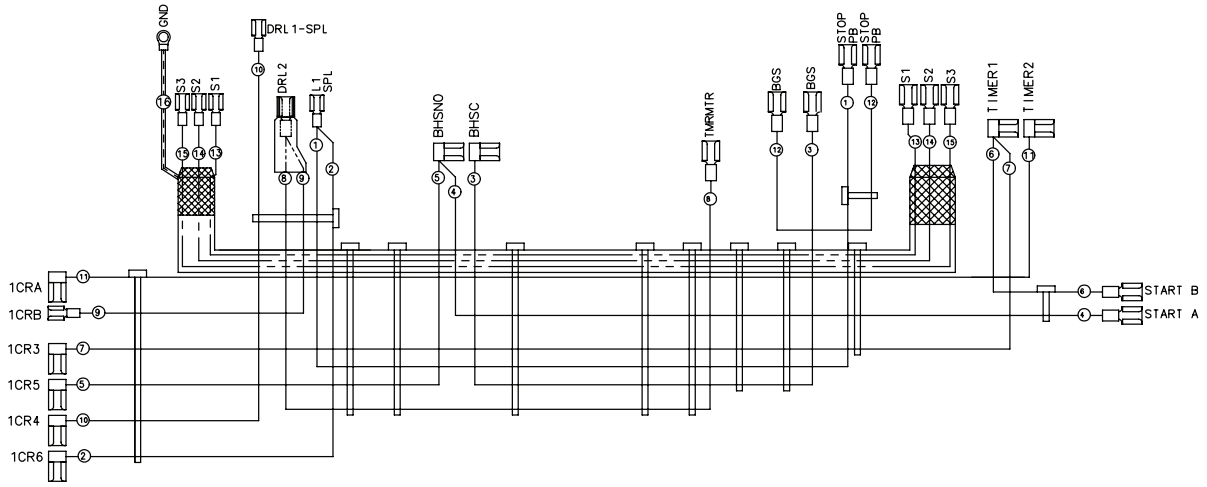
AGITATORS AND ACCESSORIES

AGITATORS AND ACCESSORIES

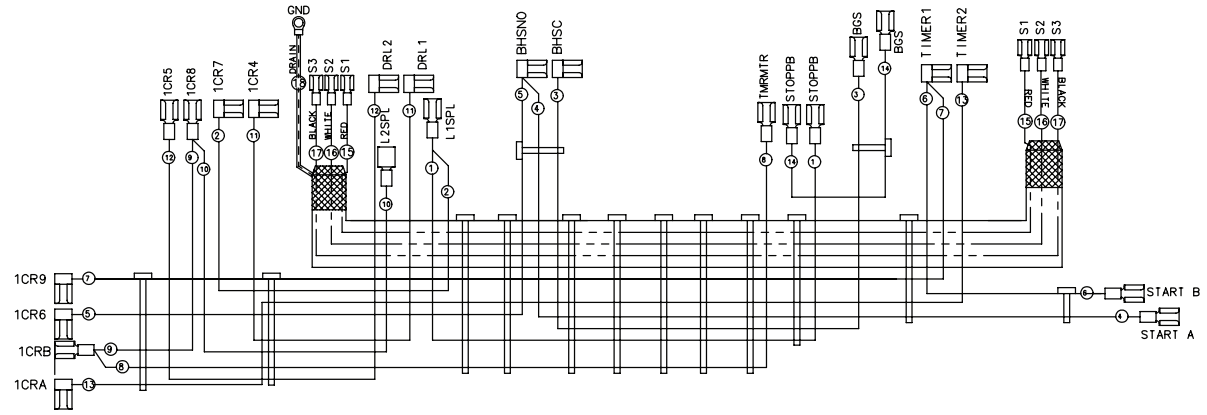
ILLUS. PL-58658	PART NO.	NAME OF PART	AMT.
1	00-023126-00003	“B” Beater (20 Qt.)	1
2	00-023502-00002	“B” Beater (12 Qt.)	1
3	00-477561-00002	“ED” Hook – Dough Arm (20 Qt.)	1
4	00-917323	“ED” Hook – Dough Arm (12 Qt.)	1
5	00-917320	Chute – Ingredient (20 Qt.)	1
6	00-917321	Chute – Ingredient (12 Qt.)	1
7	00-275897-00004	“D” Wire Whip (20 Qt.)	1
8	00-295027-00005	“D” Wire Whip (12 Qt.)	1
9	00-917190	Bowl (20 Qt.)	1
10	00-917314	Bowl (10 Qt.)	1



00-917702 Harness - Transformer Boost (120 V. Only)



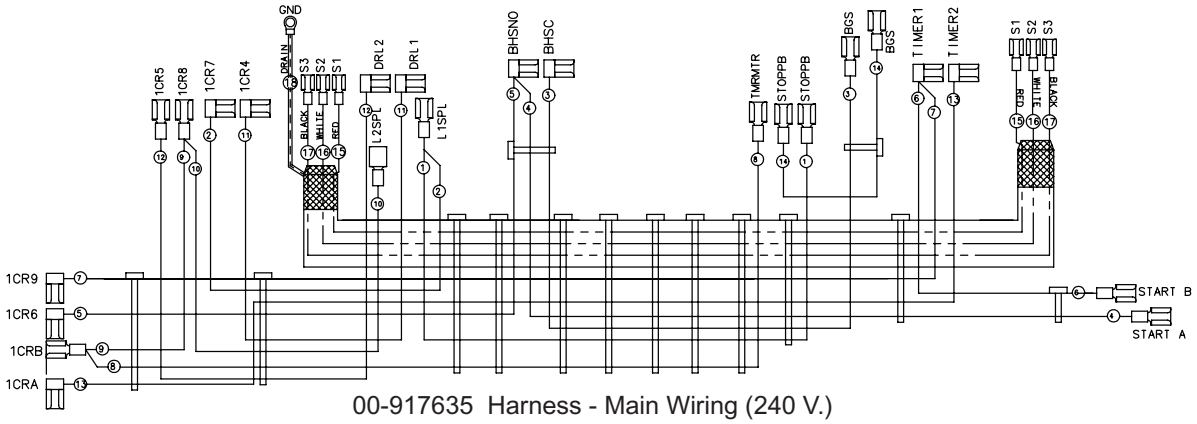
00-917634 Harness - Main Wiring (120 V.)



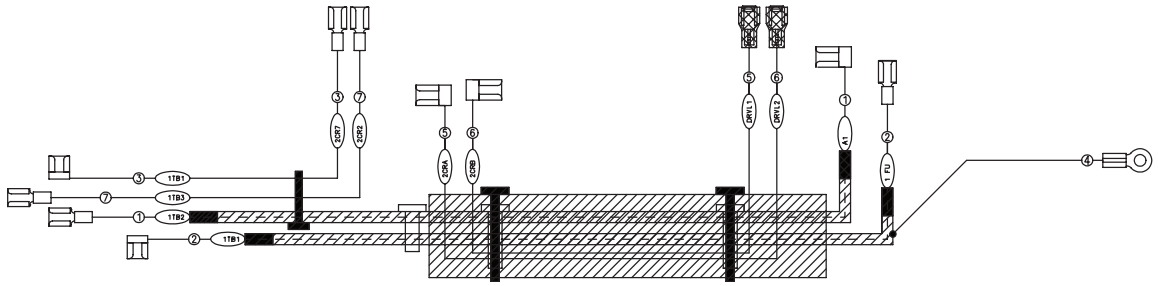
00-917635 Harness - Main Wiring (240 V.)

PL-58714

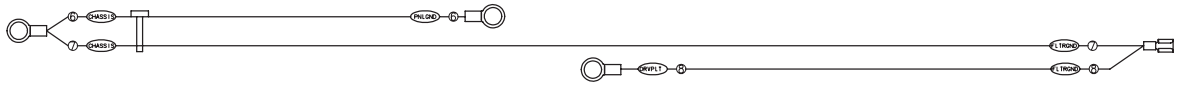
WIRING HARNESSES
(ML-134383, ML-134384, ML-134396, & ML-134397)



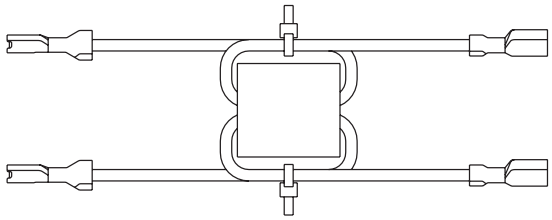
00-917635 Harness - Main Wiring (240 V.)



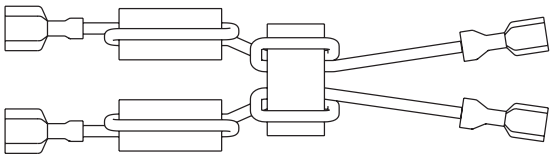
00-917669 Harness - Motor Leads



00-917119-00005 Harness - Ground



00-917396 Ferrite Assembly - Motor Lead



00-917397 Ferrite Assembly - Power Line

PL-58715

WIRING HARNESSES
(ML-134386 & ML-134432)