



CATALOG OF REPLACEMENT PARTS

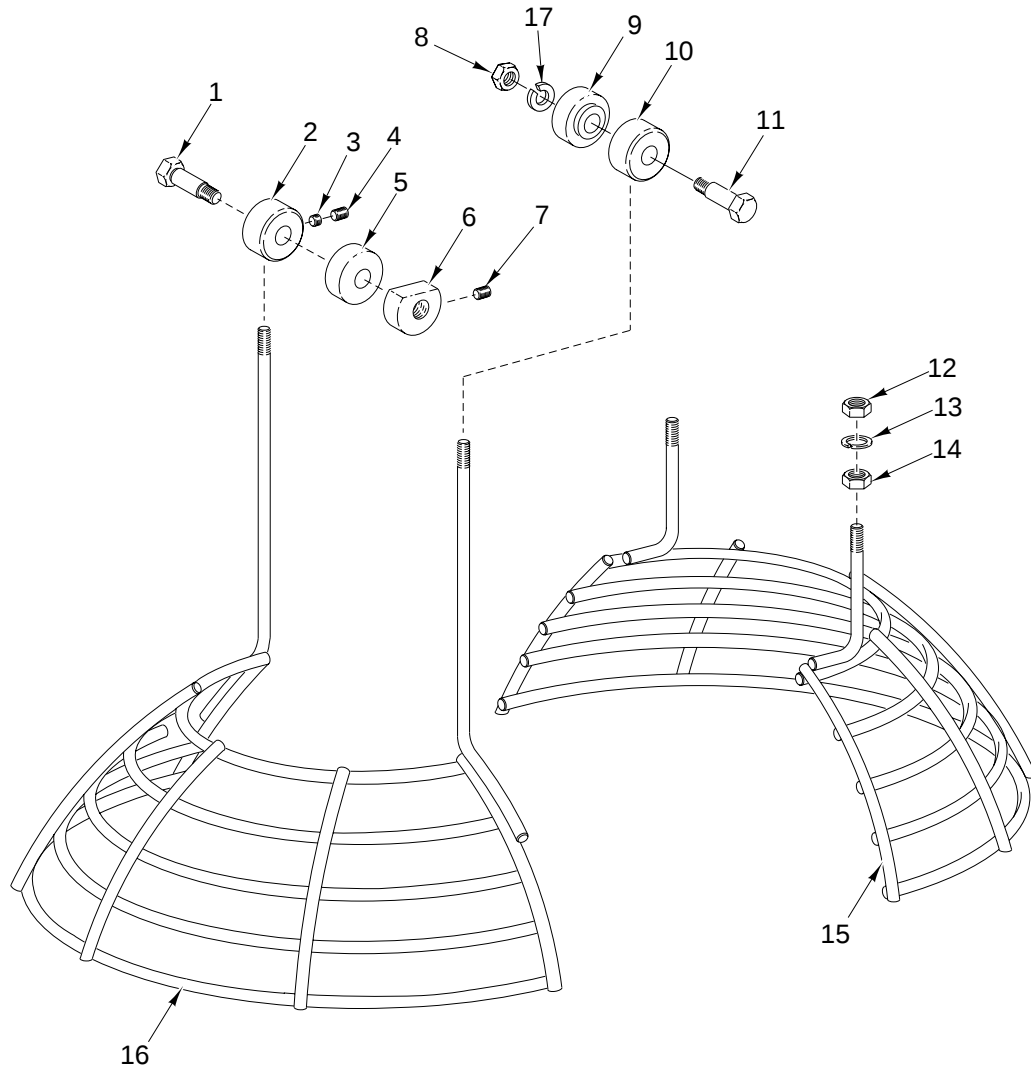
MODEL L20 MIXER

ML-104591 L20



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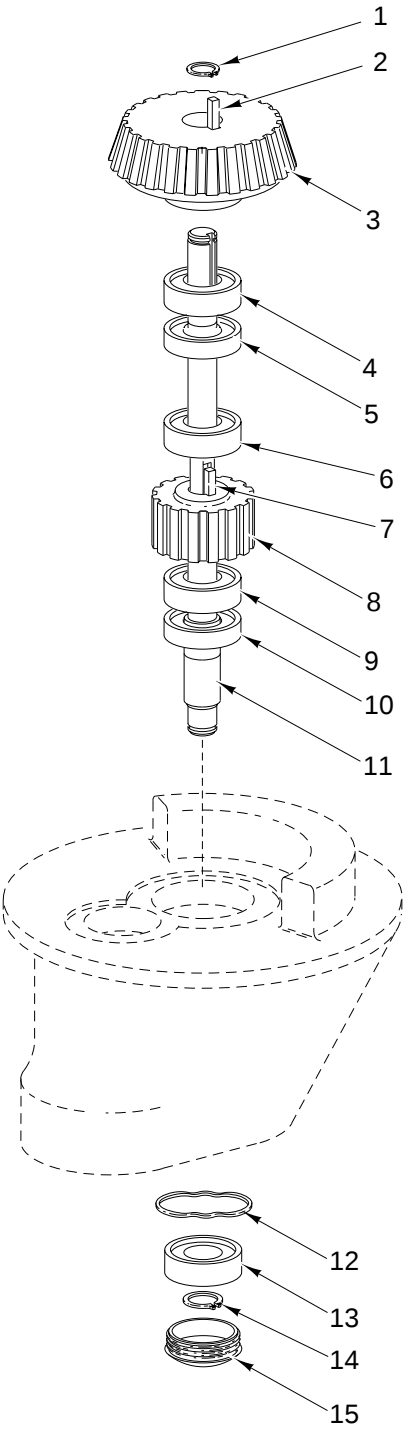
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PL-52176

BOWL GUARD UNIT

ILLUS. PL-52176	PART NO.	NAME OF PART	AMT.
1	00-439613	Shoulder Screw	1
2	00-439618-00002	Collar	1
3	SC-116-78	Set Screw 10-32 x $\frac{3}{16}$ Soc. Hdls., Cup Pt.	1
4	SC-123-39	Set Screw 10-32 x $\frac{3}{16}$ Hdls., Cup Pt.	1
5	00-439619	Bushing	1
6	00-439620	Cam-Locknut	1
7	SC-123-39	Set Screw 10-32 x $\frac{3}{16}$ Hdls., Cup Pt.	1
8	NS-015-01	Full Nut $\frac{1}{4}$ -20 Hex (SST)	1
9	00-439619	Bushing	1
10	00-439618-00001	Collar	1
11	00-439613	Shoulder Screw	1
12	NS-015-01	Full Nut $\frac{1}{4}$ -20 Hex (SST)	2
13	WL-003-38	Lockwasher $\frac{1}{4}$ Medium	2
14	NS-015-01	Full Nut $\frac{1}{4}$ -20 Hex (SST)	2
15	00-439617	Cage-Wire(Back)	1
16	00-439616	Cage-Wire(Front)	1
17	WL-003-38	Lockwasher $\frac{1}{4}$ Medium	1
	00-507760	Adhesive(Use on items 3 & 16)	AR

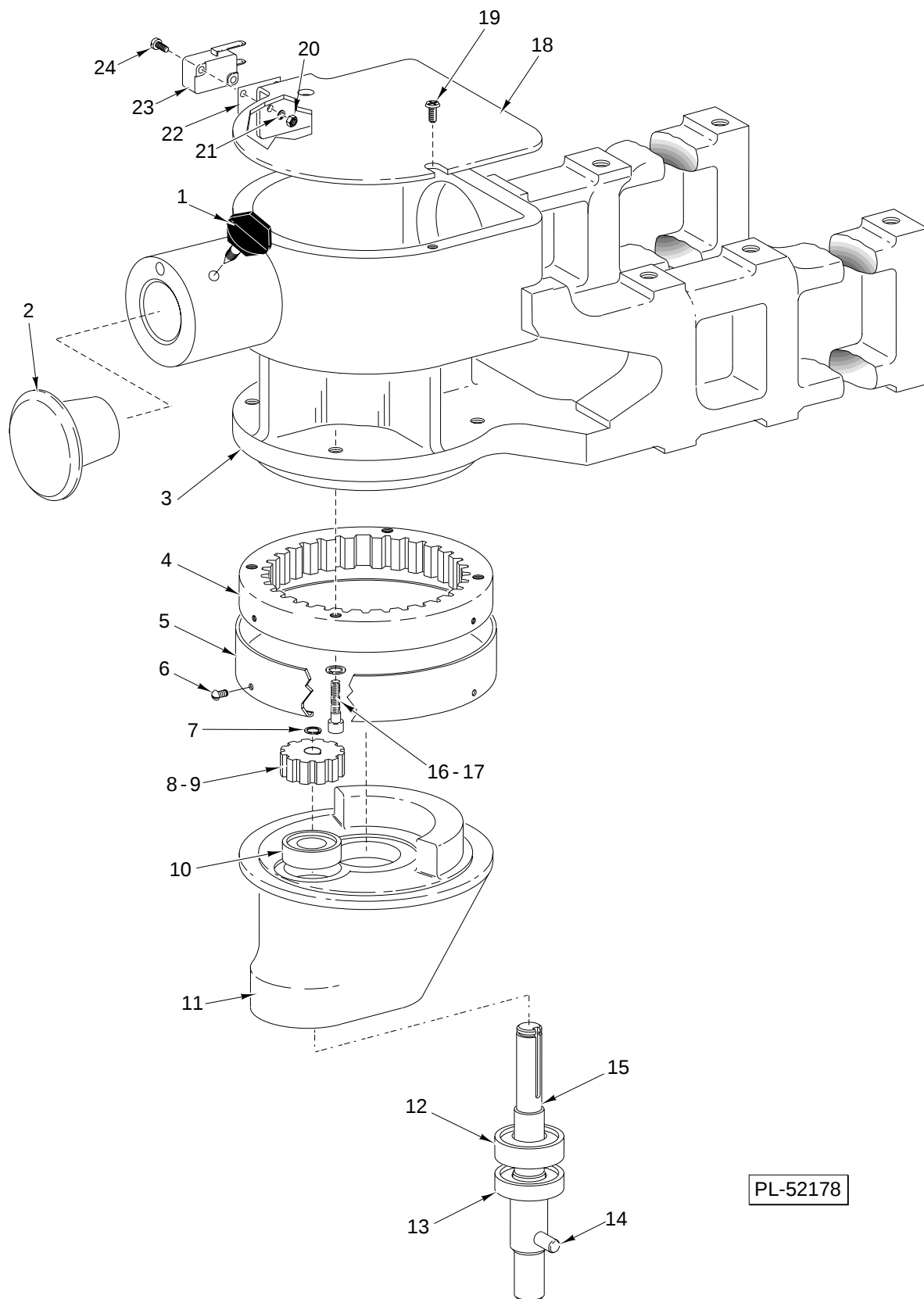


PL-52177

PLANETARY GEARS

PLANETARY GEARS

ILLUS. PL-52177	PART NO.	NAME OF PART	AMT.
1	RR-009-05	Retaining Ring	1
2	00-012430-00048	Key - $\frac{3}{16}$ Sq. x $\frac{3}{4}$ Lg.	1
3	00-439524	Bevel Gear 46T	1
4	BB-005-46	Ball Bearing - Fafnir 204KDDFS50545	1
5	00-439588	Seal-Transmission Case	1
6	BB-005-46	Ball Bearing - Fafnir 204KDDFS50545	1
7	00-012430-00048	Key - $\frac{3}{16}$ Sq. x $\frac{3}{4}$ Lg.	1
8	00-439549	Gear-Sun	1
9	BB-005-46	Ball Bearing - Fafnir 204KDDFS50545	1
10	00-439588	Seal-Transmission Case	1
11	00-439575	Shaft-Sun	1
12	SL-005-12	Spring-Loading	1
13	BB-020-18	Ball Bearing - N.D. #77503	1
14	RR-011-02	Retaining Ring	1
15	00-439632	Plug-Planetary	1

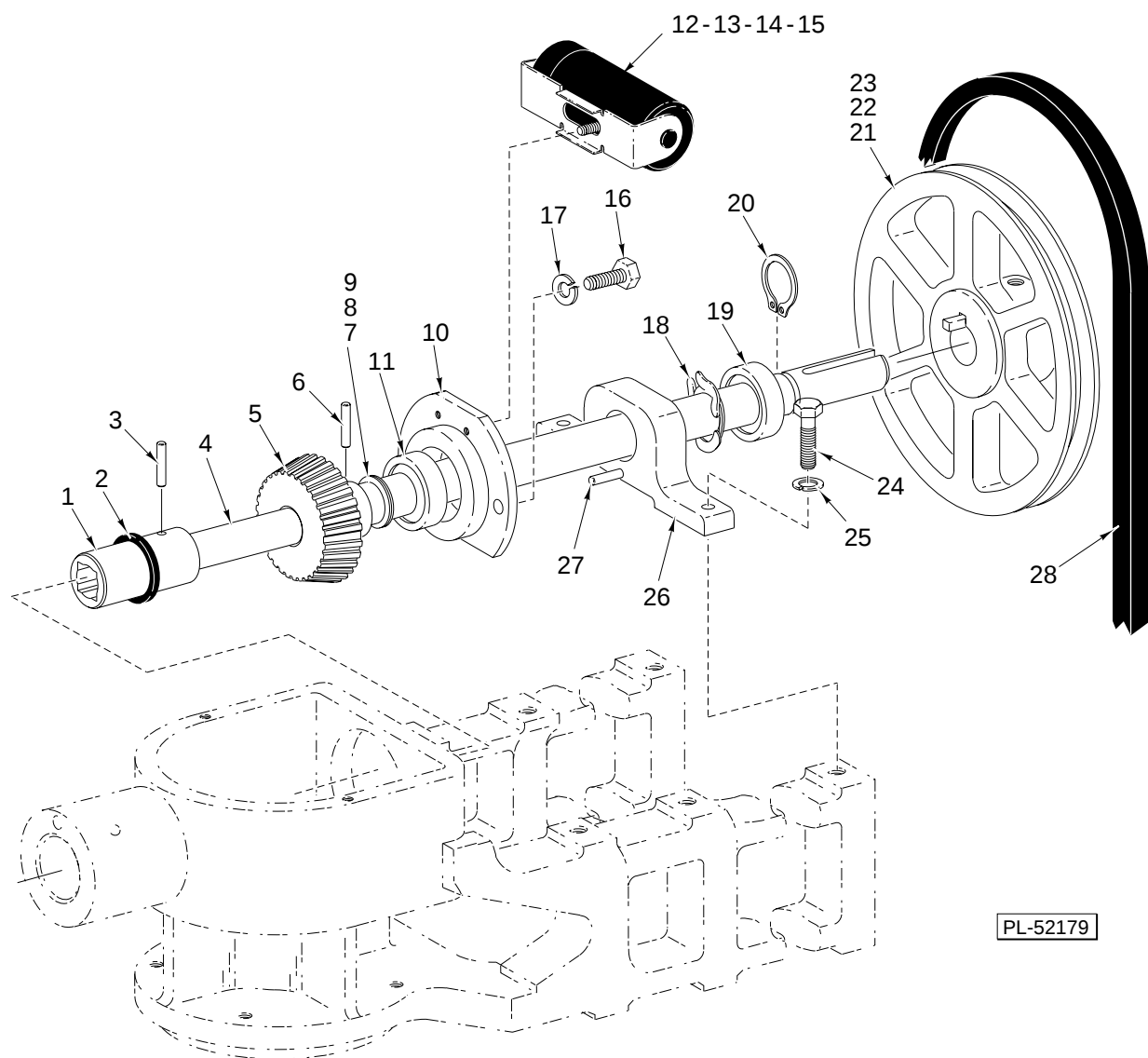


PL-52178

PLANETARY & TRANSMISSION CASE

PLANETARY & TRANSMISSION CASE

ILLUS. PL-52178	PART NO.	NAME OF PART	AMT.
1	00-108197-00001	Thumb Screw	1
2	00-114824-00001	Plug-Attachment	1
3	00-439525-00002	Case-Transmission	1
4	00-439550-00002	Internal Gear 63T	1
5	00-439521	Drip Cup	1
6	SC-021-22	Mach. Screw 10-24 x $\frac{3}{8}$ Rd. Hd. SST	3
7	RR-011-02	Retaining Ring	1
8	00-439548	Gear-Planetary Beater	1
9	00-012430-00048	Key - $\frac{3}{16}$ Sq. x $\frac{3}{4}$ Lg.	1
10	BB-020-18	Ball Bearing - N.D. #77503	1
11	00-439552-00002	Planetary	1
12	BB-005-46	Ball Bearing - Fafnir 204KDDFS50545	1
13	00-023482	Seal - Oil (1" I.D.)	1
14	00-065062-00001	Pin	1
15	00-439577	Agitator Shaft Assy.(Incls. Item 14)	1
16	WL-003-35	Lockwasher $\frac{1}{4}$ Helical	4
17	SC-092-31	Cap Screw $\frac{1}{4}$ -20 x $1\frac{1}{2}$ Soc. Fil. Hd.	4
18	00-439646	Cover-Transmission	1
19	SC-113-52	Mach. Screw 10-24 x $\frac{1}{2}$ Phil. Truss Hd.	2
20	NS-009-02	Mach. Nut 4-40 Hex	2
21	WL-003-01	Lockwasher 4 Light	2
22	00-439625	Insulator	1
23	00-087711-201-2	Switch-Positive Action	1
24	SC-060-40	Mach. Screw 4-40 x $\frac{5}{8}$ Rd. Hd.	2
	00-103881-00071	Lubricant-Grease(Use W/item 3)	AR

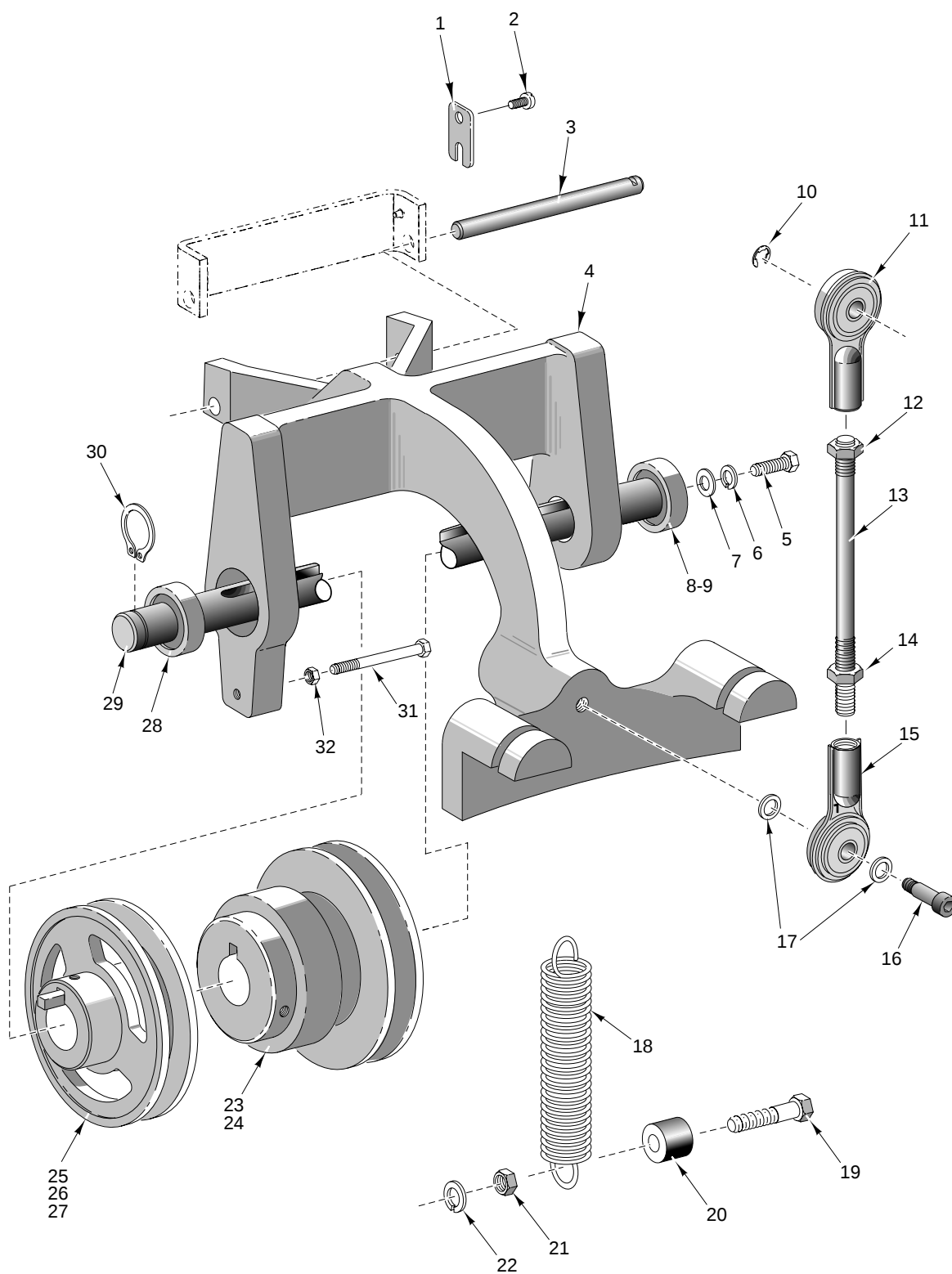


PL-52179

DRIVE SHAFT UNIT

DRIVE SHAFT UNIT

ILLUS. PL-52179	PART NO.	NAME OF PART	AMT.
1	00-439594	Shaft-Attachment	1
2	00-070090	Seal - Attachment Hub	1
3	RP-002-03	Roll Pin $\frac{3}{16}$ Dia. x $1\frac{1}{4}$ Lg.	1
4	00-439576	Shaft-Main Drive	1
5	00-439523	Gear-Bevel 35T	1
6	RP-002-03	Roll Pin $\frac{3}{16}$ Dia. x $1\frac{1}{4}$ Lg.	1
7	WS-012-45	Washer (.002" Thk.)	AR
8	WS-012-46	Washer (.003" Thk.)	AR
9	WS-012-47	Washer (.010" Thk.)	AR
10	00-439573-00002	Support-Bearing	1
11	BB-005-34	Ball Bearing - N.D. #Z99504	1
12	00-066621-00001	Bracket-Capacitor	1
13	SC-014-76	Mach. Screw 10-24 x $\frac{3}{8}$ Flat Hd.	2
14	00-070487-00001	Capacitor-50/60 Hz.	1
15	00-070486-00002	Cap - Capacitor End	1
16	SC-090-12	Cap Screw $\frac{3}{8}$ -16 x $\frac{7}{8}$ Hex Hd.	2
17	WL-004-02	Lockwasher $\frac{3}{8}$ Light	2
18	SL-005-04	Spring - Loading	1
19	BB-005-46	Ball Bearing - Fafnir 204KDDFS50545	1
20	RR-009-05	Retaining Ring	1
21	00-439567	Sheave (AK79)(Incls. set screw)	1
22	00-012430-00064	Key $\frac{3}{16}$ Sq. x $1\frac{1}{4}$	1
23	SC-047-72	Set Screw $\frac{1}{4}$ -20 x $\frac{3}{8}$ Hex Hdls. Cup Pt.	1
24	SC-036-57	Cap Screw $\frac{3}{8}$ -16 x $1\frac{1}{4}$ Hex Hd.	2
25	WL-004-02	Lockwasher $\frac{3}{8}$ Light	2
26	00-439572-00002	Housing-Bearing	1
27	RP-002-03	Roll Pin $\frac{3}{16}$ Dia. x $1\frac{1}{4}$ Lg.	1
28	BV-013-29	"V" Belt	1

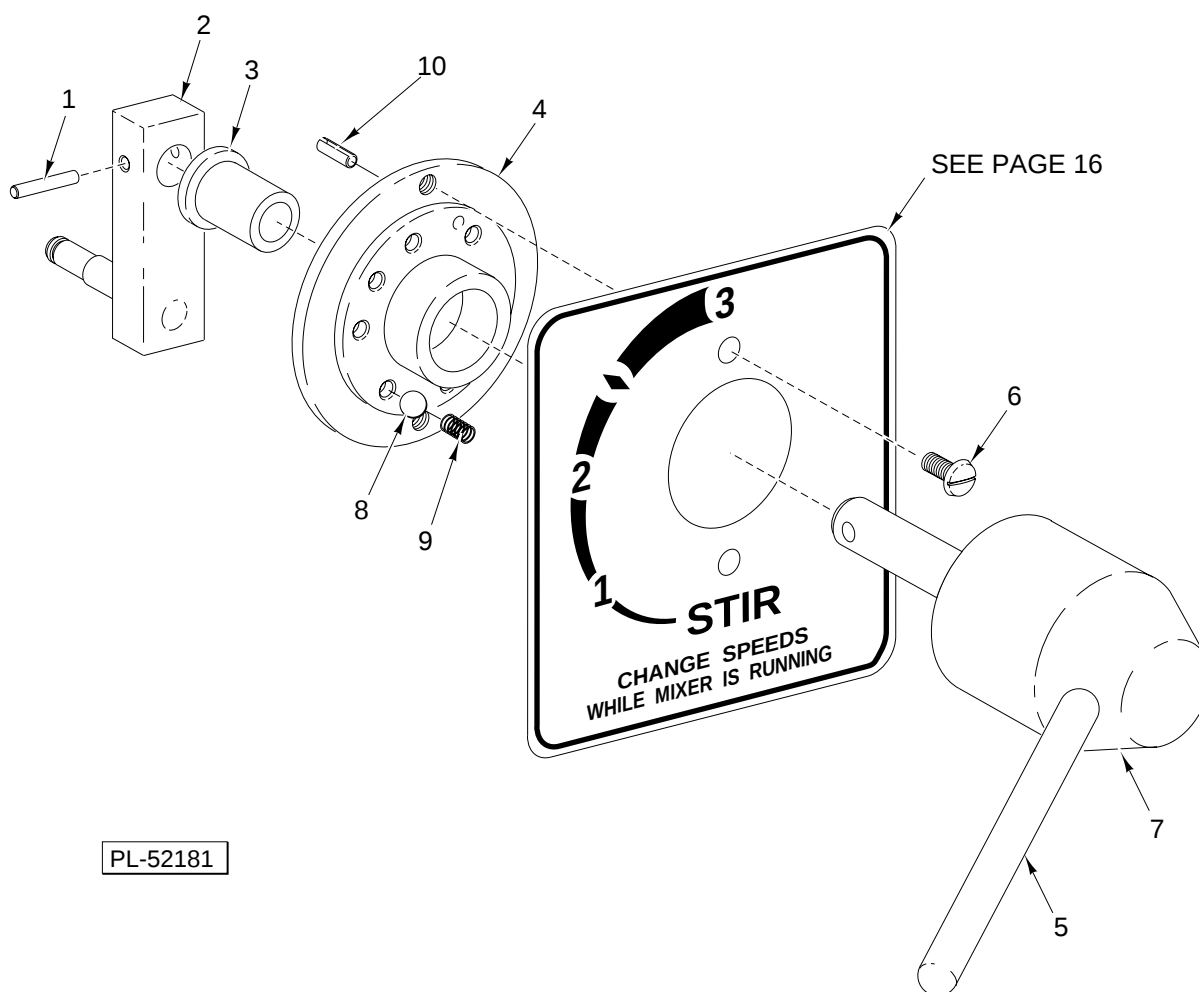


PL-52180

PULLEY & YOKE UNIT

PULLEY & YOKE UNIT

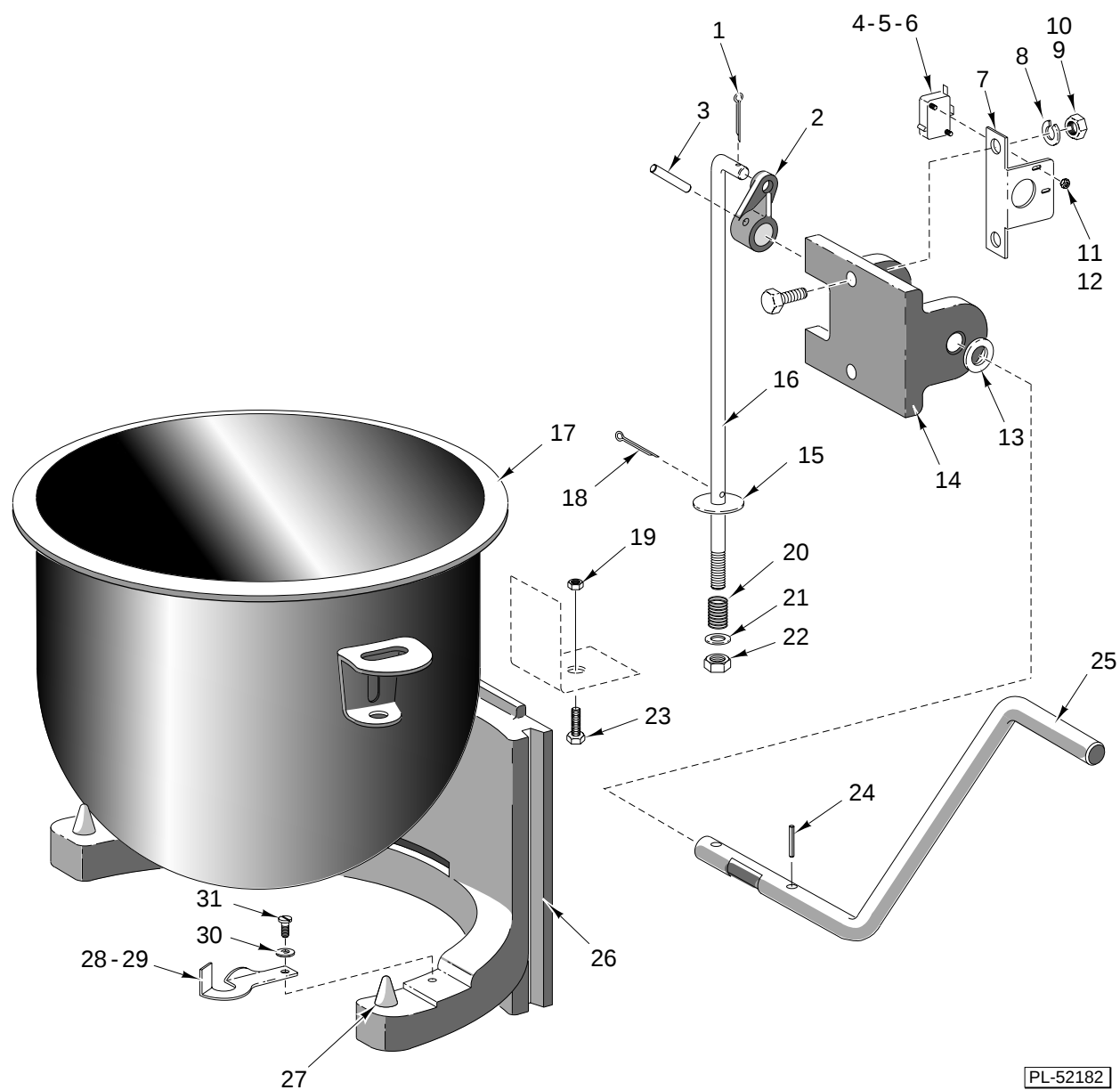
ILLUS. PL-52180	PART NO.	NAME OF PART	AMT.
1	00-439532	Retainer-Pivot Pin	1
2	SC-113-52	Mach. Screw 10-24 x ½ Phil. Truss Hd.	1
3	00-439627	Shaft-Yoke Pivot	1
4	00-439614-00002	Yoke-Pulley	1
5	SC-037-75	Cap Screw ⅝-18 x ¾ Hex Hd.	1
6	WL-003-47	Lockwasher ⅝ Medium	1
7	WS-017-01	Washer	1
8	BB-020-18	Ball Bearing - N.D. #77503	1
9	SL-005-12	Spring-Loading	1
10	RR-011-22	Retaining Ring	1
11	00-439615-00001	Rod-End (RH)	1
12	NS-013-27	Full Nut ⅜-24 Hex R.H. Thread	1
13	00-439551	Rod-Connecting Shifter	1
14	NS-013-28	Full Nut ⅜-24 Hex L.H. Thread	1
15	00-439615-00002	Rod-End (LH)(Letter "L" Stamped on Part)	1
16	SC-086-47	Shoulder Screw ⅝-18 x ⅝D x ⅝L, Soc. Hex Hd.	1
17	00-439579	Spacer-Rod End	2
18	00-439587	Spring-Yoke	2
19	SC-037-74	Cap Screw ⅜-16 x 1½ Hex Hd.	2
20	00-439533	Spacer-Spring	2
21	NS-013-22	Full Nut ⅜-16 Hex	2
22	WL-004-02	Lockwasher ⅜ Light	2
23	00-439574-00001	Pulley-Variable Pitch (Incls. set screws)	1
24	SC-047-72	Set Screw ¼-20 x ⅜ Hex Hdls. Cup Pt.	2
25	00-439566	Sheave AK44 (Incls. set screw)	1
26	SC-047-72	Set Screw ¼-20 x ⅜ Hex Hdls. Cup Pt.	1
27	00-439578	Key	1
28	BB-020-18	Ball Bearing - N.D. #77503	1
29	00-439628	Shaft-Pulley Yoke(Variable Speed)	1
30	RR-011-02	Retaining Ring	1
31	SC-112-88	Mach. Screw ¼-20 x 2¾ Hex Hd.	1
32	NS-015-01	Full Nut ¼-20 Hex (SST)	1
	00-522815	Adhesive(Use on Item 16)	AR



SHIFTER UNIT

SHIFTER UNIT

ILLUS.	PART	NAME OF PART	AMT.
PL-52181	NO.		
1	RP-005-09	Roll Pin $\frac{3}{16}$	1
2	00-439541	Shifter-Crank Assy.	1
3	00-439555	Bearing-Flange Shifter	1
4	00-439539	Hub-Bearing Shifter	1
5	00-439544	Handle-Shifter	1
6	SC-122-45	Mach. Screw - "Special" $\frac{1}{4}$ -20 x $\frac{3}{8}$ Truss Hd.	2
7	00-439547	Hub & Shifter Shaft Assy.	1
8	BA-002-18	Ball $\frac{3}{8}$ Dia.	2
9	00-064616	Spring-Detent	2
10	PG-006-29	Groove Pin $\frac{3}{16}$ x $\frac{1}{2}$	2
	00-522815	Adhesive(Use on Item 5)	AR
	00-103881-00067	Lubricant-Grease(Use on Item 4)	AR

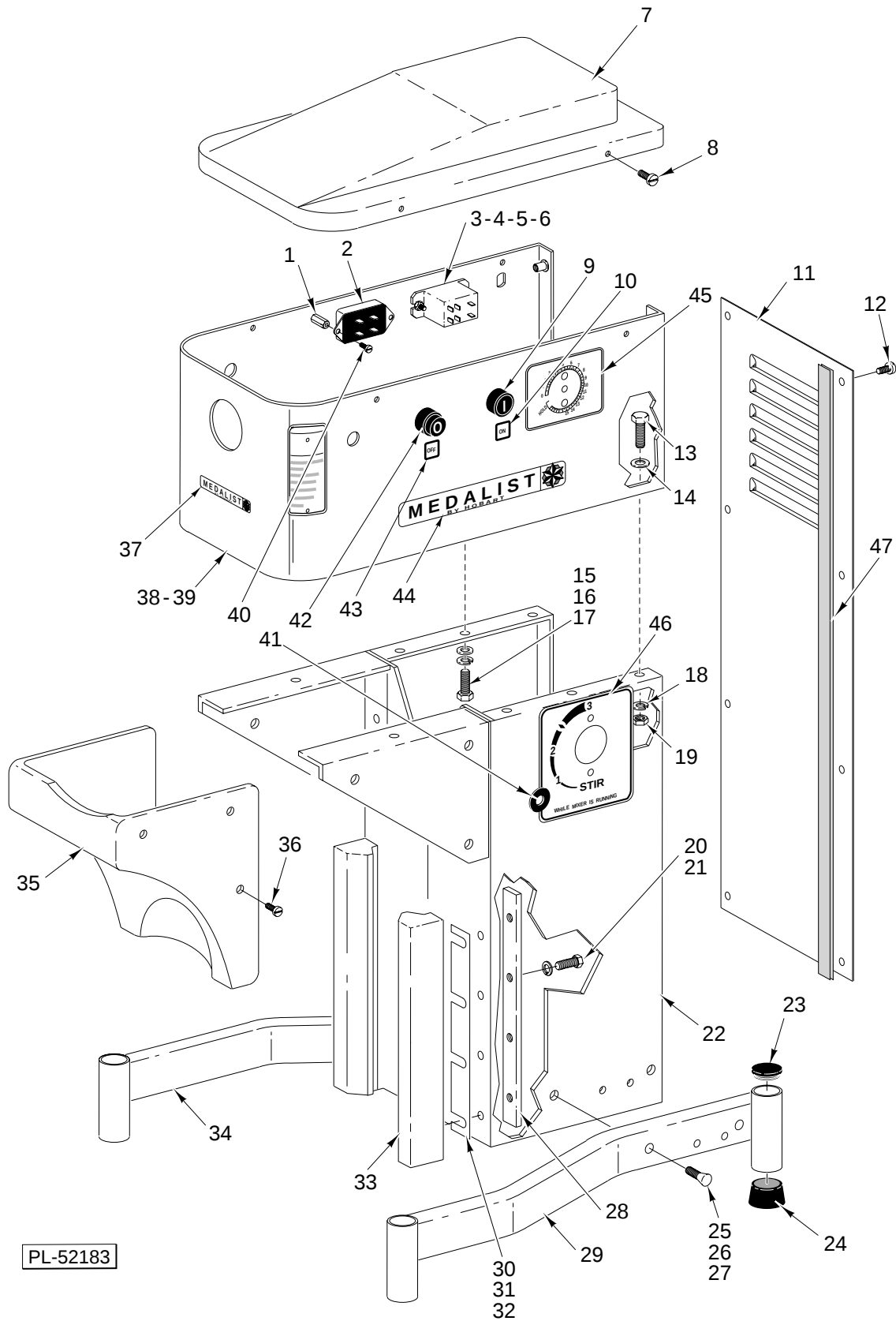


PL-52182

BOWL LIFT UNIT

BOWL LIFT UNIT

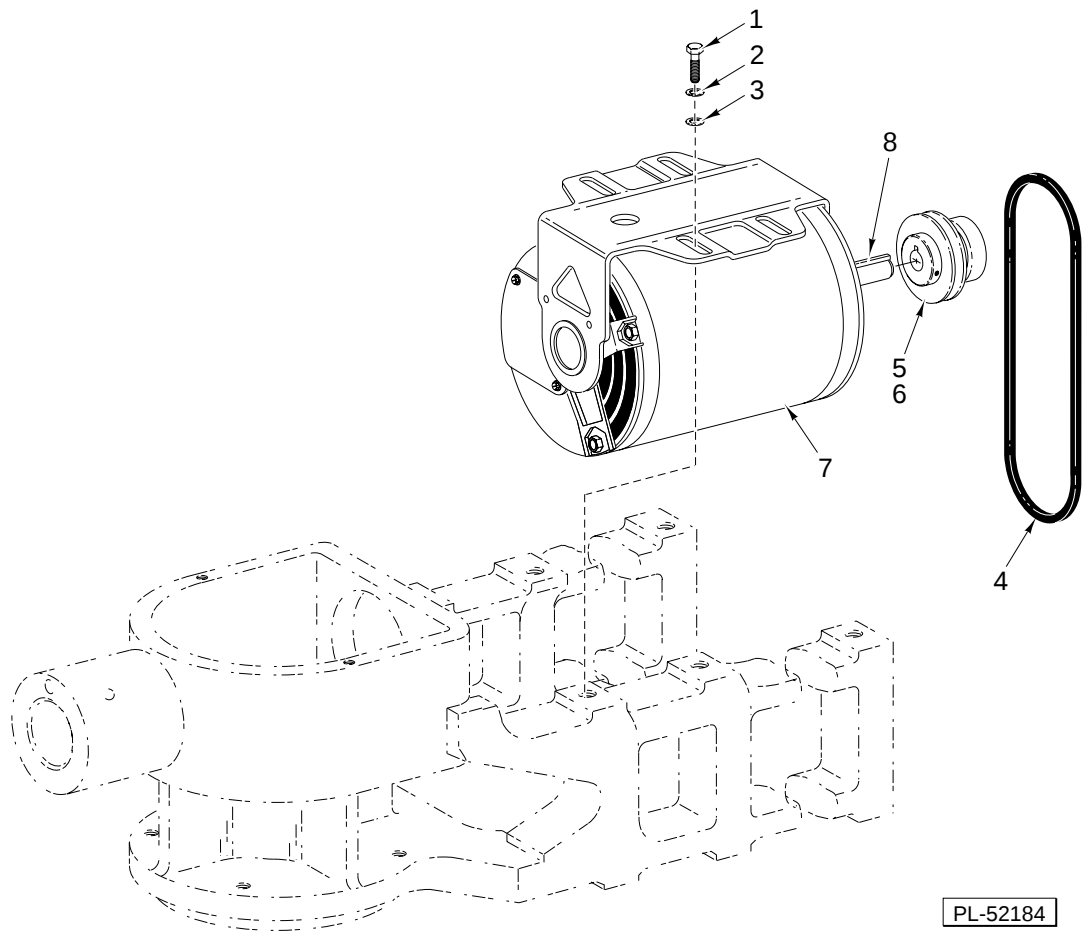
ILLUS. PL-52182	PART NO.	NAME OF PART	AMT.
1	PC-003-55	Cotter Pin $\frac{1}{8}$ x $\frac{3}{4}$	1
2	00-114430	Arm - Bowl Lift	1
3	PS-004-15	Spirol Pin $\frac{1}{4}$ Dia. x $1\frac{1}{8}$ Lg.	1
4	00-087711-201-2	Switch-Positive Action	1
5	SC-060-40	Mach. Screw 4-40 x $\frac{5}{8}$ Rd. Hd.	2
6	00-439625	Insulator	1
7	00-439647	Bracket-Height Sensing	1
8	WL-003-47	Lockwasher $\frac{5}{16}$ Medium	2
9	SC-037-85	Cap Screw $\frac{5}{16}$ -18 x 1 Hex Hd.	2
10	NS-013-14	Full Nut $\frac{5}{16}$ -18 Hex	2
11	WL-003-01	Lockwasher 4 Light	2
12	NS-009-02	Mach. Nut 4-40 Hex	2
13	WS-020-01	Washer	1
14	00-439528-00002	Bearing-Bowl Lift	1
15	WS-006-33	Washer	1
16	00-439580	Rod-Bowl Lift	1
17	00-275683	Bowl Assy. (20 Qt.) (SST)	1
18	PC-003-55	Cotter Pin $\frac{1}{8}$ x $\frac{3}{4}$	1
19	NS-015-01	Full Nut $\frac{1}{4}$ -20 Hex (SST)	1
20	00-012782	Spring	1
21	WS-018-09	Washer	1
22	NS-036-15	Stop Nut $\frac{3}{8}$ -24 Hex "Special"	1
23	SC-037-87	Cap Screw $\frac{1}{4}$ -20 x 1 Hex Hd.	1
24	RP-002-25	Roll Pin $\frac{1}{8}$ Dia. x $\frac{7}{8}$ Lg.	1
25	00-439581	Handle-Bowl Lift	1
26	00-439537-00002	Bowl Support Assy.	1
27	00-006938-00002	Pin - Bowl Locating	2
28	00-291444-00001	Clamp - Bowl (L.H.)	1
29	00-291444-00002	Clamp-Bowl(R.H.)(Shown)	1
30	00-291263	Washer-Belleville (Quantity listed is per side)	3
31	00-274614	Screw - Pivot	2



BASE & PEDESTAL

BASE & PEDESTAL

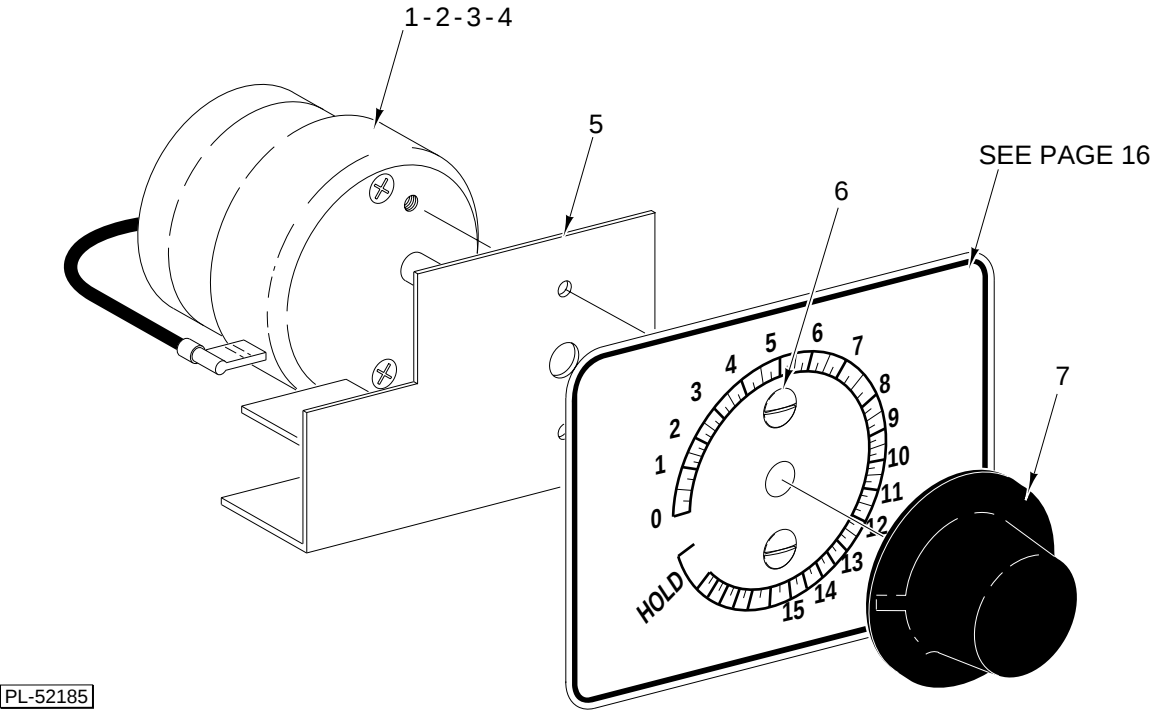
ILLUS. PL-52183	PART NO.	NAME OF PART	AMT.
1	00-439645	Standoff-Switch	2
2	00-271612-00002	Switch - Electronic Start (50/60 Hz.)	1
3	00-087714-042-1	Relay (2 Pole)(Under 150 V.)	1
4	00-087714-042-3	Relay (2 Pole) (220 - 240 V.)	1
5	WL-007-07	Lockwasher 8 External Shakeproof	3
6	NS-048-34	Mach. Nut 8-32 Hex	3
7	00-439595	Cover-Top	1
8	SC-113-52	Mach. Screw 10-24 x ½ Phil. Truss Hd.	4
9	00-087711-255-1	Switch-Start	1
10	0F-019337	Label-ON	1
11	00-439582	Cover-Back	1
12	SC-113-52	Mach. Screw 10-24 x ½ Phil. Truss Hd.	8
13	SC-090-12	Cap Screw ⅝-16 x ⅞ Hex Hd.	2
14	WS-018-09	Washer	2
15	SC-090-12	Cap Screw ⅝-16 x ⅞ Hex Hd.	6
16	WS-018-09	Washer	6
17	WL-004-02	Lockwasher ⅝ Light	6
18	WL-004-02	Lockwasher ⅝ Light	2
19	NS-013-22	Full Nut ⅝-16 Hex	2
20	SC-118-18	Cap Screw ¼-20 x ⅞ Hex Hd.	8
21	WL-003-38	Lockwasher ¼ Medium	8
22	00-477372	Column-Housing(Incls. item 46)	1
23	00-439606	Plug-Foot	4
24	00-439589	Cap-Foot	4
25	SC-123-38	Bolt ⅝-16 x 1¼ Flat Hd.(Grade 5)	4
26	WL-019-87	Lockwasher ⅝ Int/Ext.	4
27	NS-047-39	Nut ⅝-16 Hex (Grade 5)	4
28	00-439629	Bar-Slideways Back Support	2
29	00-439584	Base (RH)	1
30	00-439603-00001	Shim-Slideways(.003)	AR
31	00-439603-00002	Shim-Slideways(.005)	AR
32	00-439603-00003	Shim-Slideways(.010)	AR
33	00-439602	Slideway	2
34	00-439585	Base (LH)	1
35	00-439626	Guard-Splash	1
36	SC-113-52	Mach. Screw 10-24 x ½ Phil. Truss Hd.	6
37	00-439644	Label-Logo (Small)	1
38	00-477371-00001	Housing-Transmission Case(W/O Timer)(Incls. Items 10,43 & 44)	1
39	00-477371-00002	Housing-Transmission Case(W/Timer)(Incls. Items 10,43,44 & 45)	1
40	SC-009-56	Mach. Screw 8-32 x ⅜ Rd. Hd.	2
41	00-439586	Grommet	1
42	00-087711-255-2	Switch-Stop	1
43	0F-019338	Label-Off	1
44	00-439643	Label-Logo (Large)	2
45	00-439634	Label-Timer	1
46	00-439641	Label-Speed	1
47	00-526408	Tape - Foam	AR
	00-117542-00021	Cord & Plug(Under 150V.)(Not Shown)	1
	00-117542-00039	Cord & Plug(Under 200-240V.)(Not Shown)	1
	FE-021-21	Strain Relief-Electrical(Not Shown)(Use with Cord & Plug)	1



PL-52184

MOTOR UNIT

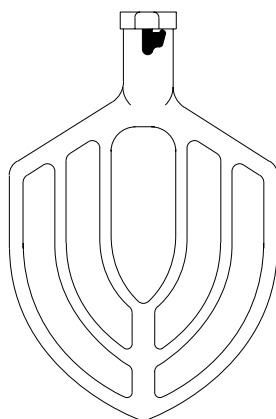
ILLUS. PL-52184	PART NO.	NAME OF PART	AMT.
1	SC-037-75	Cap Screw $\frac{5}{16}$ -18 x $\frac{3}{4}$ Hex Hd.	4
2	WL-003-47	Lockwasher $\frac{5}{16}$ Medium	4
3	WS-004-20	Washer	4
4	BV-013-30	"V"Belt	1
5	00-439574-00002	Pulley-Variable Pitch($\frac{5}{8}$ Bore)(Incls. set screws)	1
6	SC-047-72	Set Screw $\frac{1}{4}$ -20 x $\frac{3}{8}$ Hex Hdls. Cup Pt.	2
7	00-439608-00001	Motor(1 Phase)(Incls. key)	1
8	00-012430-00072	Key $\frac{3}{16}$ Sq. x $1\frac{3}{4}$ Lg.	1



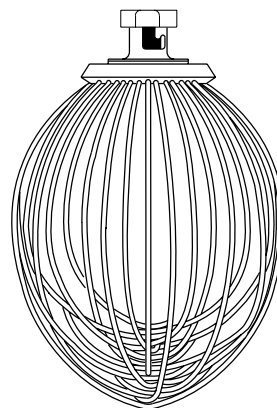
PL-52185

TIMER UNIT

ILLUS. PL-52185	PART NO.	NAME OF PART	AMT.
1	00-294650-004-1	Timer Assy.(115 V., 60 Hz.)	1
2	00-294650-004-2	Timer Assy.(230V.,60 Hz.)	1
3	00-294650-004-3	Timer Assy.(115V.,50 Hz.)	1
4	00-294650-004-4	Timer Assy. (230 V., 50 Hz.)	1
5	00-291746	Insulator - Switch	1
6	SC-013-07	Mach. Screw 5-40 x ¼ Flat Hd.	2
7	00-291748	Knob - Timer	1



1



2

PL-52186

AGITATORS

ILLUS. PL-52186	PART NO.	NAME OF PART	AMT.
1	00-275459	"B" Flat Beater	1
2	00-275897	"D" Wire Whip (SST)	1