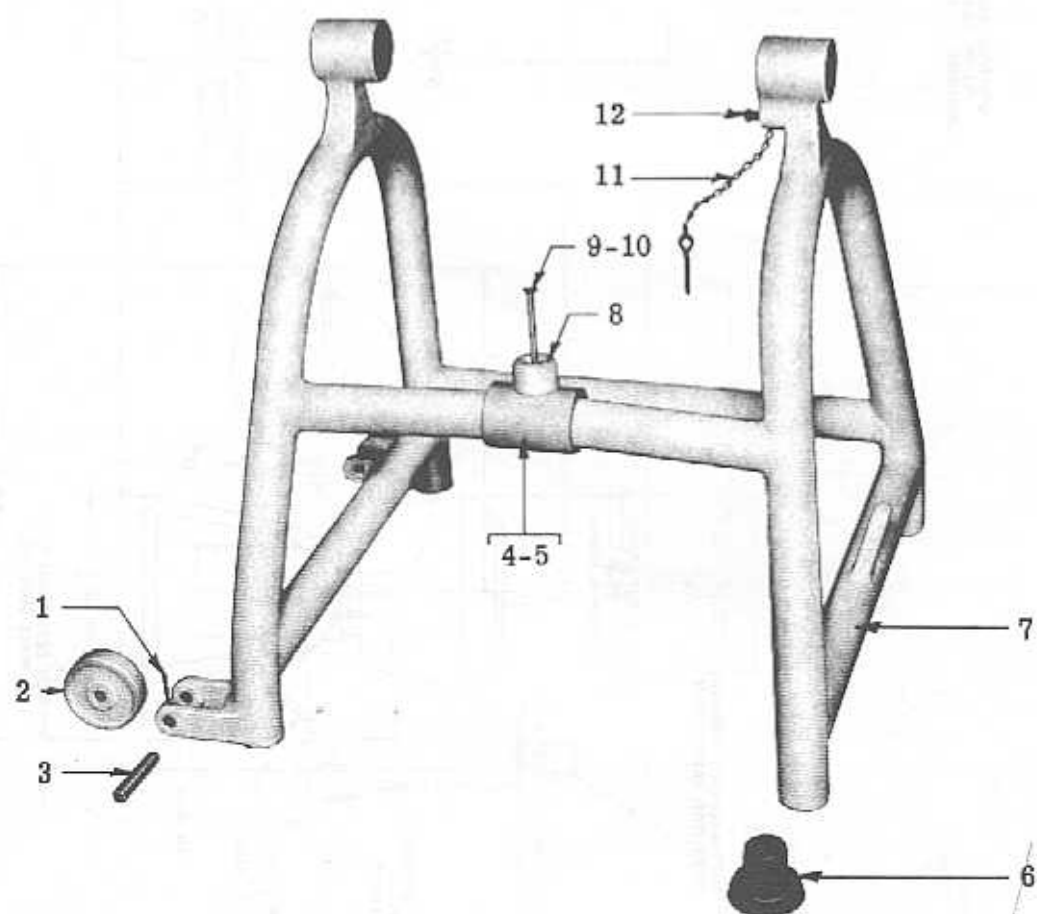
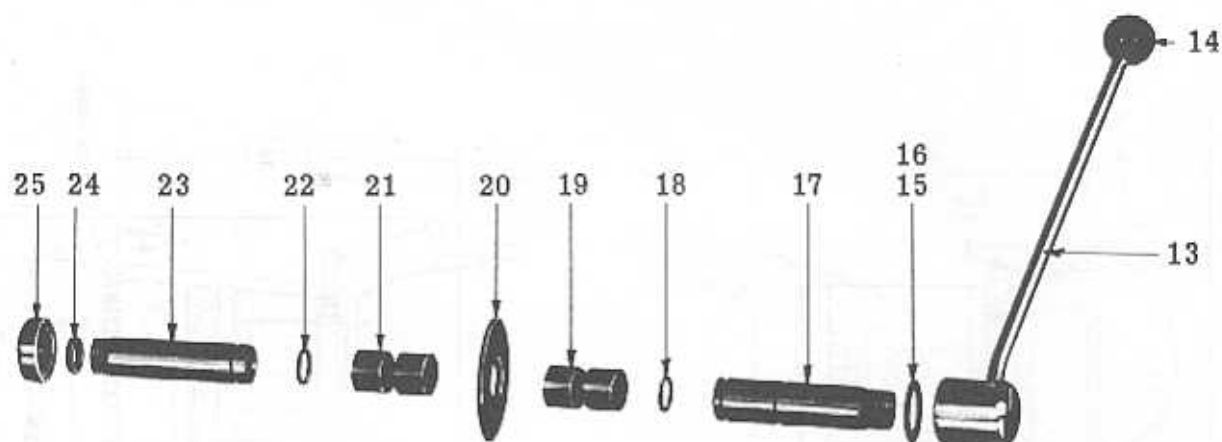


Operating Instructions and Replacement Parts Manual

VCM 25 / 40

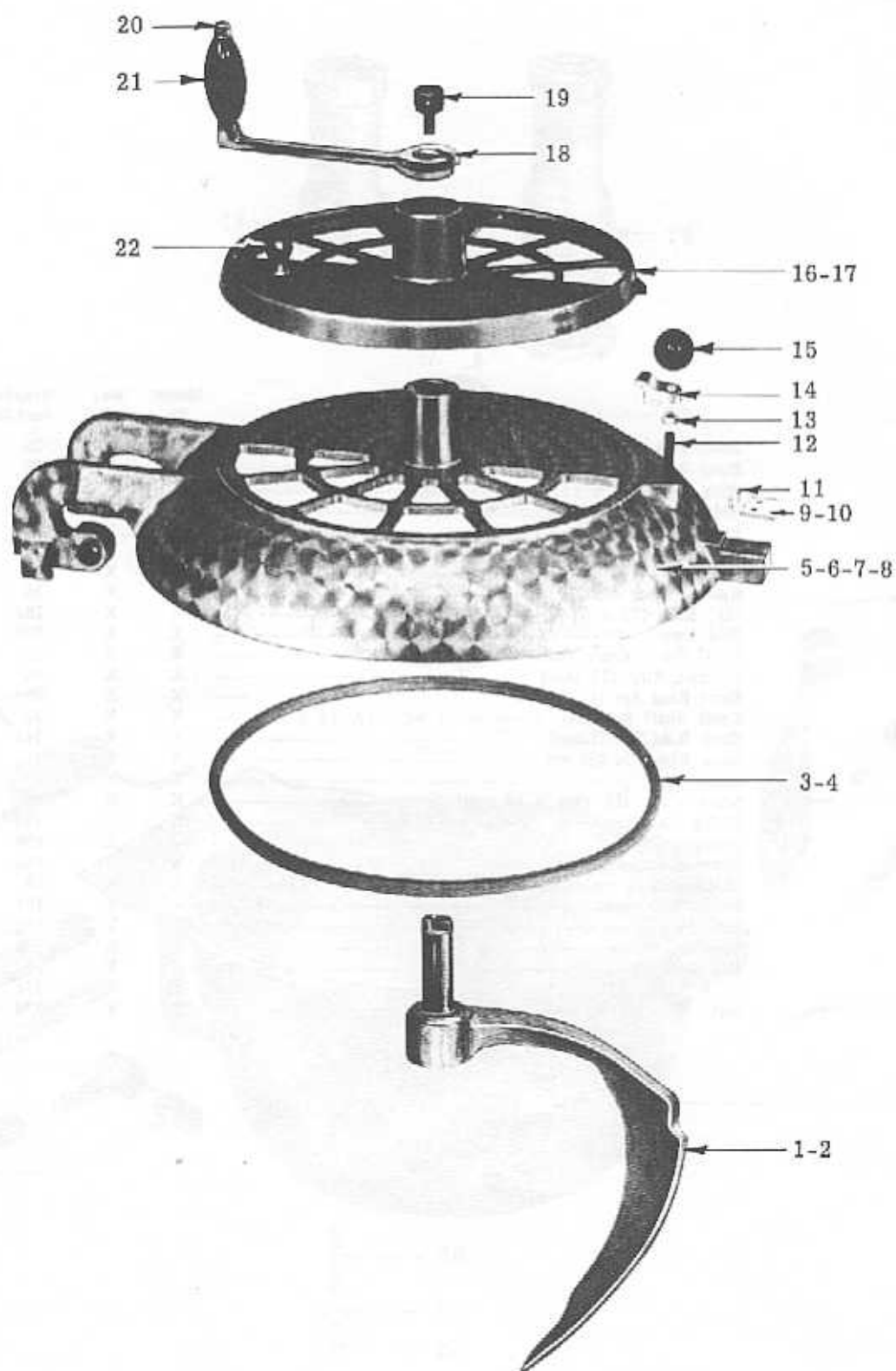




Chassis Unit

CHASSIS UNIT

ILLUS. #	STEPHAN PART DESCRIPTION	VCM 25	VCM 40
1	Cyl. Grooved Dowel Pin	0144	0144
2	Nylon Wheel (uses 2)	0142	0142
3	Bolt for the Wheel (12 x 55)	0143	0143
4-5	Bowl Bumper (need p/n 6710 screw)	NLA	NLA
6	Rubber Foot (uses 4)	0141	0141
7	Chassis	NLA	NLA
8	Rubber Bumper	NLA	NLA
9	Phillips head screw M6 x 60mm	6710	6710
10	Washer 6 mm	7001	7001
11	Lock Pin with Chain	0140	0140
12	Square Head Bolt M10 x 20mm	7038	7038
13	Bowl Lock Handle/Lever	0161	0161
14	Knob for handle	1512	1512
15	Shim Washer 1.0mm thick	0159	0159
16	Shim Washer 2.0mm thick	0160	0160
17	Bowl Swivel Bearing –right hand	0157	0157
18	O-ring	0158	0158
19	Bushing – Oilite –right hand	0154	0154
20	Disc – positioning	0155	0155
21	Bushing – Oilite –left hand	0154	0154
22	O-ring	0158	0158
23	Bowl Swivel Bearing –left hand	0153	0153
24	O-ring	0152	0152
25	Cable Sleeve	0149	0149



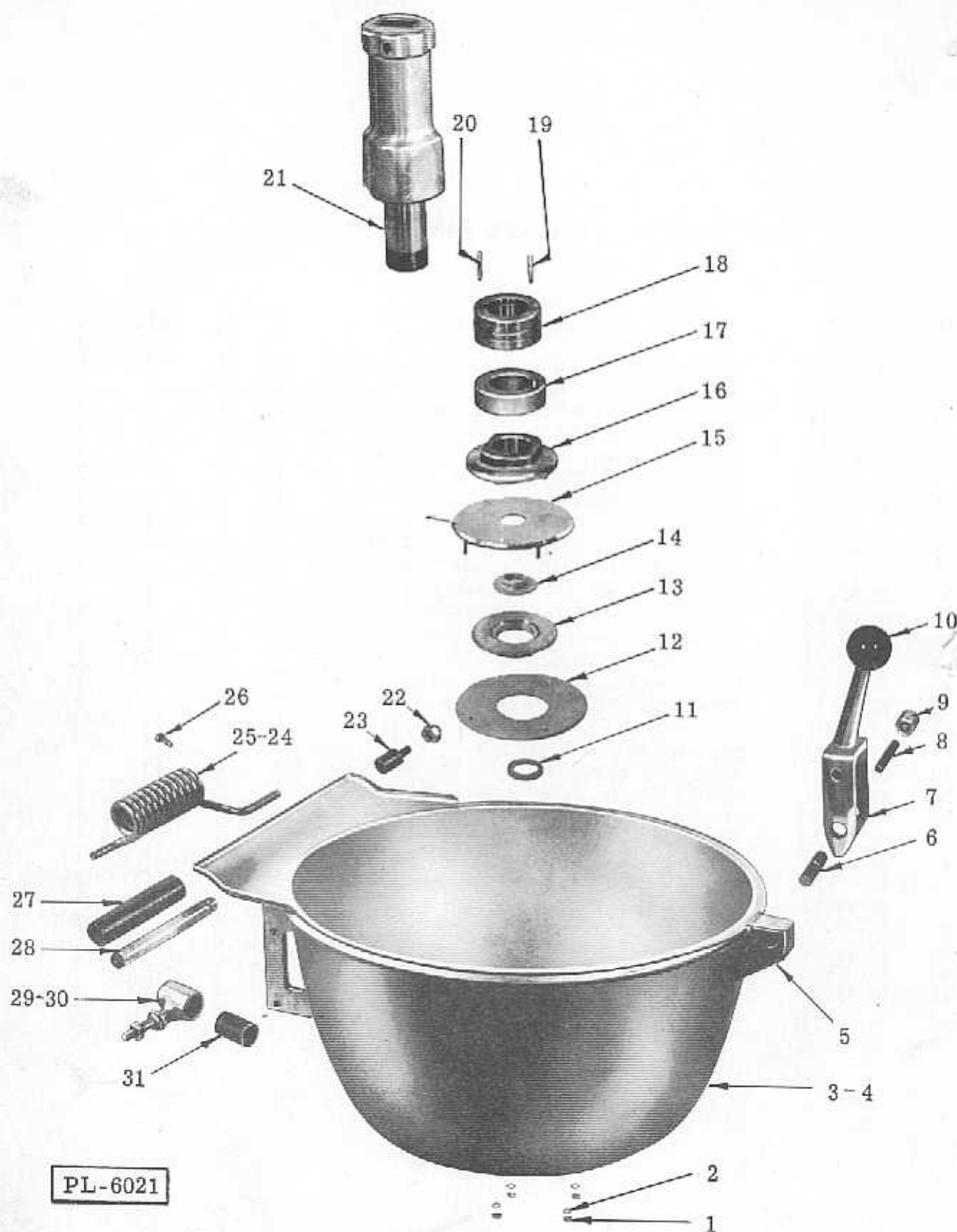
Bowl Cover Unit

BOWL COVER UNIT

ILLUS #	STEPHAN PART DESCRIPTION	VCM 25	VCM 40
1 & 2	Mixing Baffle	NLA	0198
3 & 4	Gasket for lid/cover (Silicone)	0200	0203
5 & 6	Cover for Bowl	NLA	NLA
7 & 8	Cover for Bowl w/o insp. Opening	NLA	NLA
9	Lock Plate	0212	0212
10	Shim for Lock Plate	7013	7013
11	Screw – Flat Head M6 x 15mm	7014	7014
12	Stud M10 x 55	7015	7015
13	Nut Hex M10	7010	7010
14	Retainer for Sight Cover	0213	0213
15	Knob for Sight Cover	1512	1512
16 & 17	Sight Cover	NLA	0215
18	Crank Handle	0220	0220
19	Retaining Screw for crank	0221	0221
20	Acorn Nut M8 for knob on crank handle	0219	0219
21	Handle (knob) for crank handle -	0218	0218
22	Knob for Sight Cover	0217	0217



Bowl Unit



PL-6021

BOWL UNIT

BOWL UNIT

ILLUS. #	STEPHAN PART DESCRIPTION	VCM 25	VCM 40
1	Bowl W/ adapter	NLA	NLA
2	Bowl W/ adapter	NLA	NLA
3	Wing Bolt M6 x 15	0175	0175
4	Bolt for the locking handle	0174	0174
5	Locking Handle	0176	0176
6	Pin	7004	7004
7	Roller	0177	0177
8	Knob for locking handle	1512	1512
9	O-ring 75x5	0181	0181
10	Bowl Seal Assembly with O-ring	0180	0180
11	Wing Nut	3k0008-02	3k0008-02
12	Pressure Ring	0187	0187
13	Slant Ring Set with Pins	0189	0189
14	Knife Shaft Subassembly	each item sold separate	
15	Pin - Long	0191	0191
16	Pin - Short	0190	0190
17	Knife Shaft S/S	6826	6826
18	Flathead Screw M6 x 10mm	7005	7005
19-20	Torsion Spring for cover	0168	0168
21	Sleeve for hinge shaft	0167	0167
22	Hinge bolt/shaft	0166	0166
23	Holder Bumper	0171	0171
24	Spacer	7007	7007
25	Bumper for bowl	7008	7008
26	Threaded Pin	0178	0178
27	Lock Washer 10.2	7009	7009
28	Hex Nut M10	7010	7010

Installation Instructions For Shaft Seal Assembly

1. Disconnect unit from electrical power supply.
2. Remove knife shaft assembly.
3. Use seal spanner wrench (Fig. 1) to remove existing seal. Make sure bowl threads and seal areas are cleaned and free of any foreign material.
4. Prepare new seal (1, Fig. 2) for installation by using the Dow Corning #111 compound from seal kit. First cover the exposed area of the "O" ring (2, Fig. 2 and 3, Fig. 3) with the compound. Next use this sealing compound to fill the seal cavity (2, Fig. 3). Now place a film of the lubricant on the lip of the seal (1, Fig. 3).
5. Inspect shaft sleeve (4, Fig. 3) for wear-grooves or a build up of foreign material. Clean or replace if necessary, apply a coat of #111 grease to the entire surface of the sleeve.
6. Assemble the new seal hand-tight. Be extremely careful not to damage seal when sliding the seal onto the motor shaft and also make sure the seal and bowl threads are properly aligned.
7. Tighten new seal with the spanner wrench (Fig. 1).

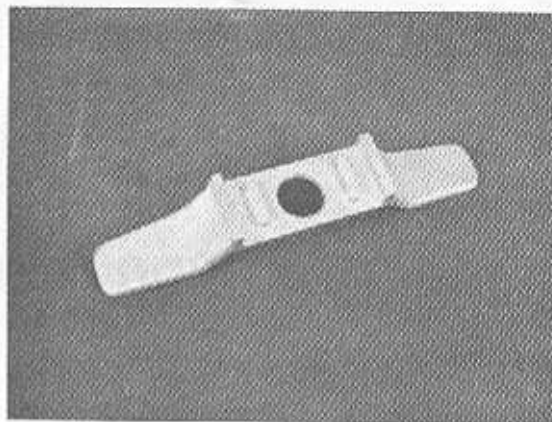


Fig. 1

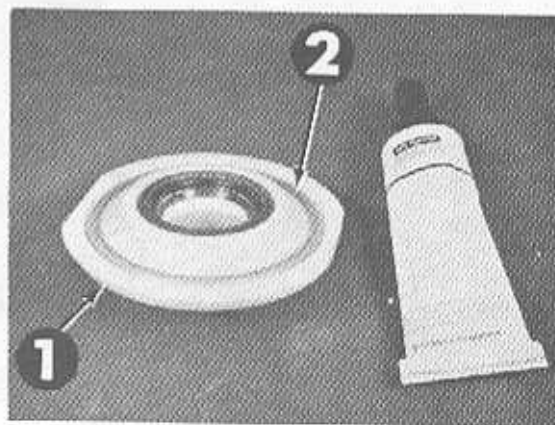
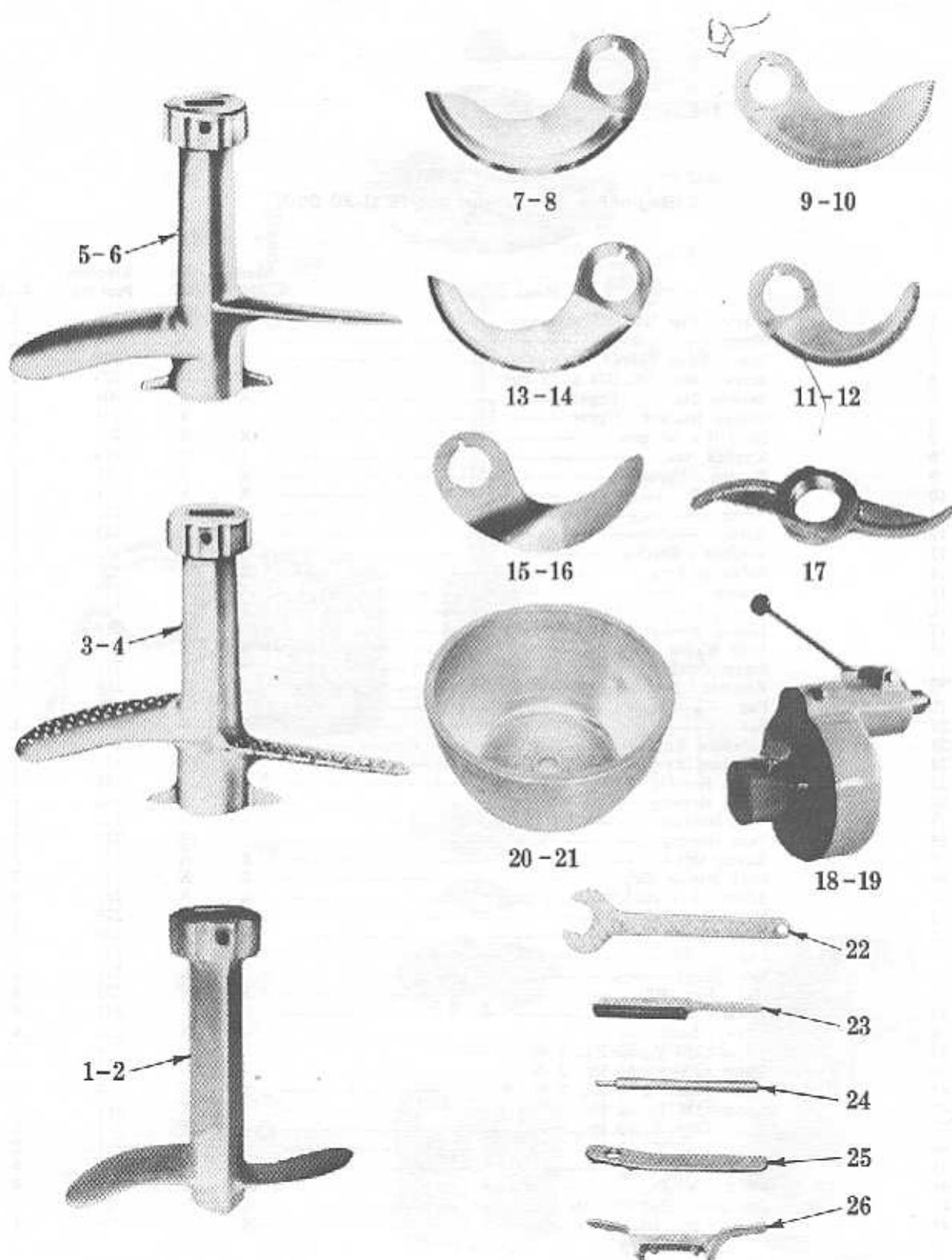


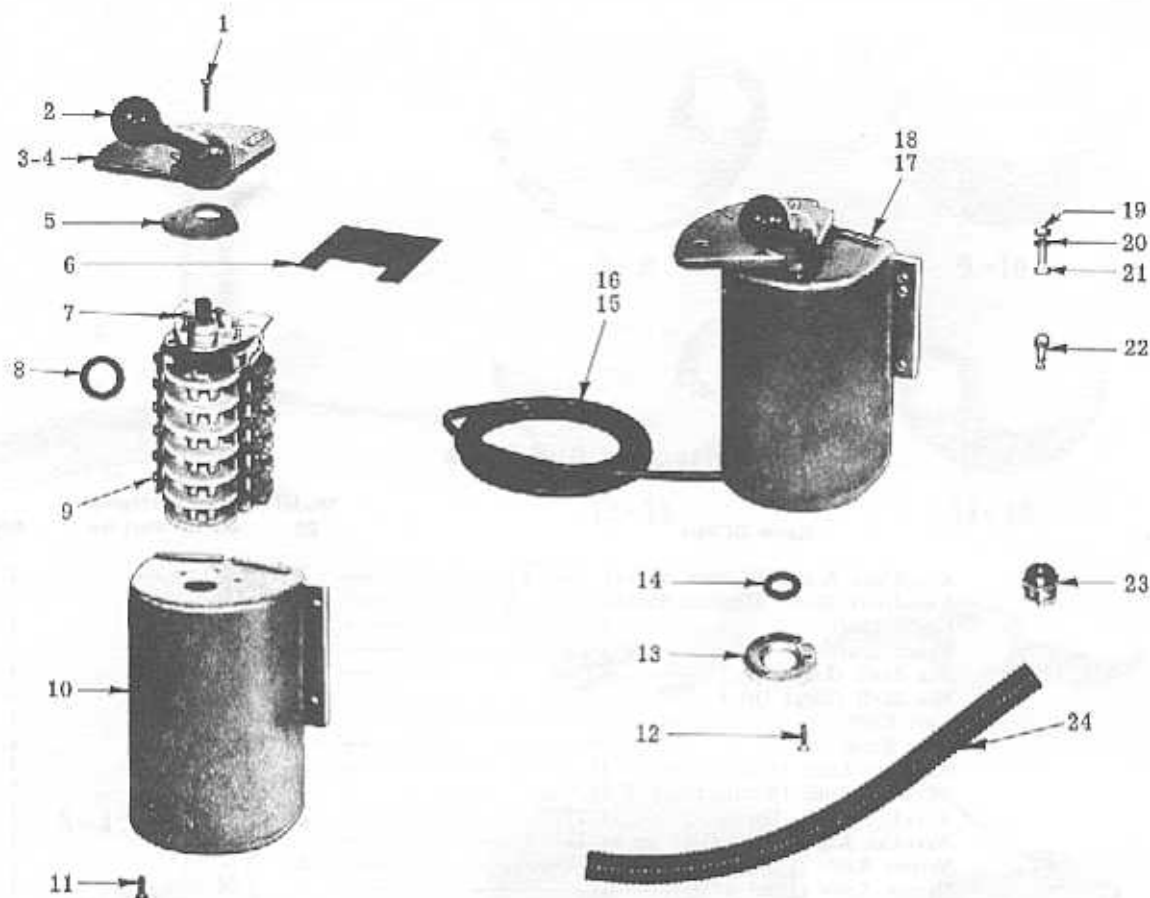
Fig. 2



ACCESSORIES & TOOLS

ILLUS. #	STEPHAN PART DESCRIPTION	VCM 25	VCM 40
1	Knead / Mix Shaft	NLA	--
2	Knead / Mix Shaft	--	0377
3	Grater Shaft	0308	--
4	Grater Shaft	--	0309
5	Mix Shaft –Large Qty	0310	--
6	Mix Shaft –Large Qty	--	0312
7	Set of 2 wide knives	0295	--
8	Set of 2 wide knives	--	0296
9	Set of 2 (Wide) Wave Cut Knives	0299	--
10	Set of 2 (Wide) Wave Cut Knives	--	0300
11	Set of 2 (Wide) Narrow Cut Knives	0301	--
12	Set of 2 (Wide) Narrow Cut Knives	--	0302
13	Set of 2 narrow knives	0297	--
14	Set of 2 narrow knives	--	0298
15	Set of 2 low angle knives	0303	--
16	Set of 2 low angle knives	--	0304
17	Winged Nut Accessory	0185	0185
18	Attach. Power Unit	NLA	--
19	Attach. Power Unit	--	0318
20	Strainer Basket	NLA	--
21	Strainer Basket	--	NLA
22	Wrench for Knife Shaft	0238	0238
23	Sharpening Tool	0237	0237
24	Peg Wrench (takes off nut on mixing baffle)	0234	0234
25	Spanner Wrench for knurled nut	0236	0236
26	Spanner Wrench for bowl seal	0182	0182

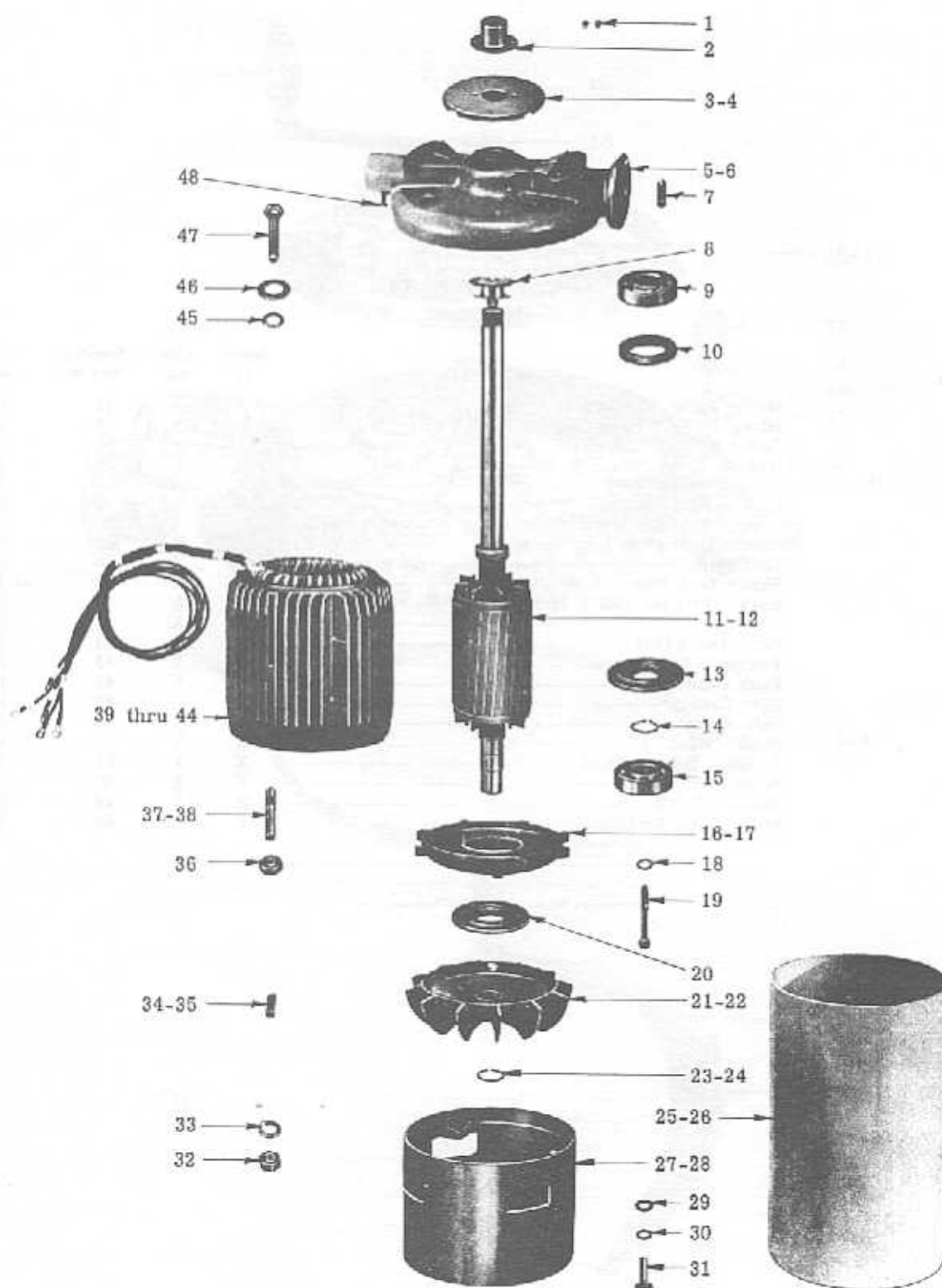
25/40 Replacement Parts



Switch Unit

SWITCH UNIT

ILLUS. #	STEPHAN PART DESCRIPTION	VCM 25	VCM 40
1	Hex. Head M6 x 25mm Retaining Screw	7517	7517
2	Knob for switch handle	1512	1512
3	Switch Handle	0228	0228
4	Rubber Gasket for Switch	0226	0226
5	Insulator 460 V, pertinax plate	0225	0225
6	Screw M6 x 10mm	7085	7085
7	Oil Seal	0229	0229
8	Drum Switch	0224	0224
9	Switch Housing	0223	0223
10	Screw M6 x 15mm	7086	7086
11	Hex Head Bolt M6 x 20mm	7087	7087
12	Seal Disc – Cord -cable sealing disc only for VCM	0230	0230
13	O-ring	0152	0152
14	Cord (Power cord is an 8gg 10-4 gauge wire s/o cable)	NLA	NLA
15	Plug – Hubbel “Twist Lock”	NLA	NLA
16	Switch Housing Subassembly	Each part sold separate	
17	Switch Housing Subassembly	Each part sold separate	
18	Hex Nut M8	7031	7031
19	Washer M8	7034	7034
20	Hex Head Bolt M8 x 35mm	7093	7093
21	Grd. Lug- Cord	NLA	NLA
22	Fitting for Cord -cable glant with tension relief	0232	0232
23	Armored Cable - protective hose	0222	0222
24	Clamp for Cord (not shown)	7095	7095



Motor Unit
(Beginning With Serial No. 76 U-20 000)

MOTOR UNIT

ILLUS. #	STEPHAN PART DESCRIPTION	VCM 25	VCM 40
1	Flathead screw M5 x 8mm	7023	7023
2	Shaft Sleeve	0265	0265
3	Water Spin Off Disc w/ screw	0264	0264
4	Socket head screw M6 x 25mm	7022	7022
5	Bearing Upper Bracket	0267	--
6	Bearing Upper Bracket	--	0268
7	Pin 10 x 60mm	0262	0262
8	Knurled Nut	0260	0260
9	Upper Bearing – newer style/sealed	6226	6226
	Upper Bearing – old style / needs oil seal	6109	6109
10	Oil Seal for old style bearing	6175	6175
11	Rotor	0269	--
12	Rotor FD 132 s 25-2/4	--	0270
13	Retainer Bearing	0277	0277
14	Retaining Ring	0278	0278
15	Lower Bearing	6085	6085
16	Lower Bearing Bracket	0279	--
17	Lower Bearing Bracket	--	0280
18	Lock Washer	7026	7026
19	Hexagon Head Screw M5 x 45mm	7027	7027
20	Retainer - bearing	0281	0281
21	Fan	0286	--
22	Fan	--	0287
23	Retaining Ring	0288	0288
24	Retaining Ring	0278	0278

Continued On Next Page...

MOTOR UNIT (cont'd)

ILLUS. #	STEPHAN PART DESCRIPTION	VCM 25	VCM 40
25	Motor Housing	0292	--
26	Motor Housing - FD 112 / FD 132	--	0241/0293
27	Vent Housing	0290	--
28	Vent Housing	--	0291
29	Washer M6.4	2657	2657
30	Lock Washer B6	7029	7029
31	Hexagon Head Screw M6 x 15mm	7086	7086
32	Hexagon Nut M8	7031	7031
33	Lock Washer B8	7034	7034
34	Key	0284	--
35	Key	--	0285
36	Hexagon Nut	7033	7033
37	Screw - Lock	0283	
38	Screw - Lock	0283	
39	Stator 230 Volt, 60 Hz, 3 Phase	0272	--
40	Stator 200 Volt, 60 Hz, 3 Phase	0271	--
41	Stator 460 Volt, 60 Hz, 3 Phase	0273	--
42	Stator 230 Volt, 60 Hz, 3 Phase	--	0275
43	Stator 200 Volt, 60 Hz, 3 Phase	--	0274
44	Stator 460 Volt, 60 Hz, 3 Phase	--	0276
45	Lock Washer B8	2034	2034
46	Washer M8.4	7035	7035
47	Hexagon Head Bolt M8 x 60mm	7036	7036
48	Hexagon Head M8 x 20mm	7037	7037

RECOMMENDED SPARE PARTS LIST

The following are parts that are recommended by Stephan Machinery, to be in your stock in case of emergency or preventative maintenance repair.

DESCRIPTIONS
<i>Preventative maintenance / change every 6 months</i>
Bowl Seal Assembly # 0180 –if old style, see Bowl Unit page
Huskey Lube – food grade or high temperature grease
* Spanner wrench to remove new style bowl seal # 0182 (see spare tools)
<i>Spare Tools</i>
Holding Pin to remove mixing baffle # 0234
Spanner with pivots to remove knurled nut # 0236
Spanner wrench to remove new style bowl seal assembly # 0182
Wrench to remove knife shaft - part #0238
<i>Other Recommended Spare Parts or Items:</i>
Set of standard knives # 0298
Shaft Sleeve # 0265
Set of two screws for shaft sleeve # 7023
Silicone lid gasket # 0203
Extra Manual for your VCM 25 / 40
Drum Switch # 0224
Drum switch seals # 0226 and 0229