

PARTS LIST

FOR

S612 SERIES

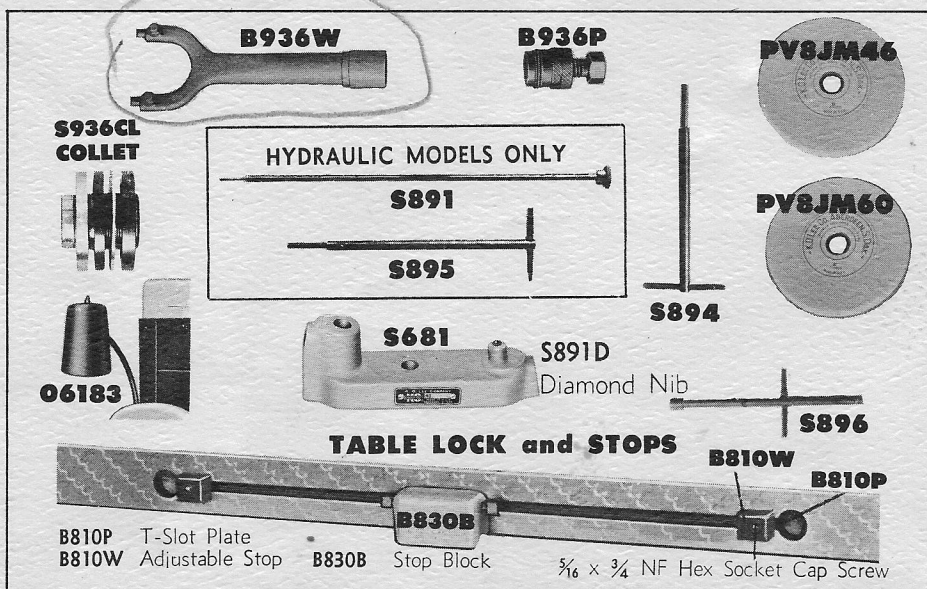
AND

S714 SERIES

K. O. LEE

SURFACE GRINDERS

See MPL-100 Price List For Prices



STANDARD EQUIPMENT All Models

B936P Wheel Puller, **B936W** Spanner Wrench, **BA919** Saddle Lock (6x12 Machines), **B2019** Saddle Lock (6x18 Machines), **06183** Adjustable Light Fixture, One **PV8JM46** Grinding Wheel (8 x 3/4 x 1 1/4), **S681** Diamond Dresser, **S891** and **S895** Wrenches (Only on Models with Hydraulic Table Travel and Cross Feed), **S894** Wrench, **S896** Spindle Lock Wrench, **S936CL** Collet, Heavy Cast Iron Base, Table Lock and Stops and 1 H.P. Totally Enclosed Special Balanced Ball Bearing Motor.

K. O. LEE COMPANY

ABERDEEN, S. D. 57401

LITHO IN U.S.A.

TELEPHONE: 605-225-5820

FORM S714PL

S612 and S714 SERIES PARTS LIST

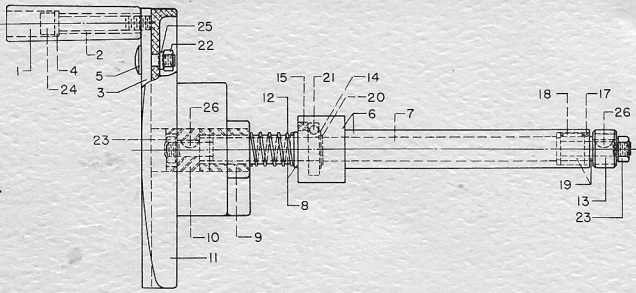
Index No.	Part No.	Description	Quan. Req.	Index No.	Part No.	Description	Quan. Req.
1	B330BP	Pointer Bracket	1	53	BA967J32	Flexible Conduit ($\frac{3}{4}$, outlet box to switch)	1
1A	B629M or M10121	Bushing ($\frac{5}{8} \times \frac{1}{16} \times \frac{3}{4}$ long — Oilite) Needle Bearing	1	53A	BA967KB	Cutout Box	1
2	B637W	Thrust Collar	1	53B	BA967KC	Clamp	1
3	B805M	Adjusting Nut	1	54	BA967W52	Power Wire (outlet box to switch) (two 1 phase, three 3 phase)	1
4	B805P	Indicator Plate	1		BA967XL	Jumper Wire (two 1 phase, three 3 phase)	1
5	B810J	Knurled Pin	2	55	BA967X46	Power Wire (switch to motor) (two 1 phase, three 3 phase)	1
5A	B810P	T-Slot Plate	3	59	KO-29	Name Plate	1
5B	B810W	Adjustable Stop	2	60	S709F	Wheel Guard Cover	1
6	S626G	Gear	1	61	S709G	Wheel Guard	1
7	S626P	Pinion	1	62	S609S	Splash Guard	1
8	B826W	Stop Washer	1	63	S609T	Thumb Screw	3
8A	B830B	Stop Block Assembly	1	64	S609W	Thumb Screw	1
8B	B830SY	Preload Washer	1	65	S610	Table	1
8C	B865BG	Ground Wire — Green	1	66	S610G	Dust Guard	1
9	BA805N	Lock Nut	1	68	S610RH	Rack — Helical	1
10	BA805P	Indicator Plate	1		S610R	Rack — Straight	1
11	BA805R	Lock Ring	1	70	S612D	Handwheel Assembly (S612)	1
12	BA805Y	Vellum Washer	1	70A	S712D	Handwheel Assembly — Old Style (S714)	1
12A	B923EN	Special Nut	1	70C	S812D	Handwheel Assembly New Style (S714)	1
12B	B923LS	Lamp Stud	1	33A	A636P	Knurled Pin	1
13	B930HE	Saddle Way Dust Shield	2	33B	B712H	Handle	1
14	B930RP	Oil Roller Plate	14	33D	BA912H	Handwheel	1
15	B930RR	Oil Roller	14	33E	BA912L	Lock Ring	1
16	B930SW	Preload Washer	1	33F	BA912P	Lock Plate	1
17	B936CL	Wheel Collet (7" Dia. Wheels)	1	33G	BA912S	Stud	1
	S936CL	Wheel Collet (8" Dia. Wheels)	1	33H	BA912T	Thumb Nut	1
18	B936NL	Spindle Nut	1	33J	BA912W	Wavy Spring	1
20	B965DC	Door Catch	1	33K	B6012H	Handwheel	1
21	S605BC	Base (S612)	1	33L	B6029AB	Crasp Handle	1
22	S605BP	Pointer Bracket	1	33M	S629ABI	Valve Guide	1
23	BA905D	Spacer	1	33N	S629AW	Thrust Washer	1
24	BA905DP	Dowel Pin ($\frac{1}{2}$ " long)	5	33P	S612D500	Index Disc (500 Division)	1
24A	BA905DPL	Dowel Pin (1" long) used column to base	1	33R	S712D500	Index Disc (500 Division)	1
25	BA905E	Handwheel Shaft	1	33S	No. 12 SAE	Washer (H)	1
26	BA905BB	Plate for Tank	1	33T	$\frac{1}{4}$ NC	Hex Jam Nut (H.B.)	1
27	BA905BT	Tank Rail	2	33X	10-32 x $\frac{3}{16}$	Socket Set Screw	1
27A	BA905CP	Cover Plate	1	33Y	$\frac{3}{8} \times 3$ N.F.	Hex Socket Cap Screw	1
27B	BA905H	Housing	1	73	S823S	Motor Bracket	1
27C	BA909S	Spacer	1	73A	S623BA	Axle	1
28	BA965DH	Door and Hinge Assembly	1	73B	S623BL	Bracket — Lower	1
29	BA966HS	Hinge Strip	1	73C	S623BS	Spring	1
30	BA905W	Base Way — Vee	1	74	S625A	Guard Stop	1
31	BA905WF	Base Way — Flat	1	74A	S625B	Bracket for Lamp	1
33	BA912C	Handwheel Assembly (100 Division)	1	75	S625C	Box Column	1
33A	A636P	Knurled Pin	1	76	S625CP	Column Cap (S612)	1
33B	B712H	Handle	1	78	S625R	Guide Rail	2
33C	BA912D100	Index Disc	1	79	B625S	Column Slide	1
33D	BA912H	Handwheel	1	81	S625TA	Telescoping Guard	1
33E	BA912L	Lock Ring	1	82	S625TB	Telescoping Guard	1
33F	BA912P	Lock Plate	1	83	S625TC	Telescoping Guard	2
33G	BA912S	Stud	1	84	S625TD	Telescoping Guard	3
33H	BA912T	Thumb Nut	1	85	S625TE	Telescoping Guard	1
33J	BA912W	Wavy Spring	1	86	S625W	Felt Wick	2
33T	$\frac{1}{4}$ NC	Hex Jam Nut (H.B.)	1	87	S626B	Feed Nut Assembly	1
33X	10-32 x $\frac{3}{16}$	Socket Set Screw	1	87A	S626W	Wavy Spring	1
34	BA924	Feed Nut Assembly	1	89	S626SF	Elevating Screw (S612)	1
34A	BA924C	Cap (part of Assem., not separate)	1	90	S829	Transmission Assembly — Old Style	1
34B	BA924N	Nut (part of Assem., not separate)	1		S729	Transmission Assembly — New Style (See page 4)	1
34C	10-32 x $\frac{3}{4}$	Hex Socket Cap Screw	1	90A	B829B	Handwheel Assembly	1
35	BA924NB	Feed Bar	1	90B	S610RG	Gear — Straight Teeth (25T x 1.350 O.D.) See Transmission Assem., page 4	1
36	BA930	Saddle (S612)	1	90C	S629A	Adjusting Crank Arm	1
37	BA930P	Indicator Plate	1	90D	S629C	Handwheel	1
38	BA930R	Oil Reservoir Tube	2	90E	S629L	Lock Screw	1
39	BA930SF	Crossfeed Screw	1	90F	S829S	Drive Shaft	1
40	BA930SS	Spacer for Feed Screw	1	90G	S829Y	Stationary Shaft	1
41	BA930T	Hold Down	2	90H	P372J	Spring	1
42	BA930W	Vellum Washer	5	90J	$\frac{5}{16}$ NF	Hex Jam Nut (H.B.)	1
43	BA930WB	Index Bracket	1	90K	$\frac{3}{8}$ NF	Hex Nut	1
44	BA930WC	Shroud (S612)	1	90L	$\frac{3}{16}$ Std.	Lock Washer	1
45	BA930WR	Shroud — Right Rear	1	90M	$\frac{5}{16} \times \frac{3}{16}$ NC	Headless Set Screw	1
46	BA930WT	Shroud — Left Rear	1	90N	8116	O-Ring ($\frac{3}{32} \times \frac{3}{4} \times \frac{15}{16}$)	1
47	BA930Y	Plug	2				
48	BA967B	Switch Box	1				
49	BA967C	Cover	1				
50	BA967CP	Plug	2				
51	BA967G	Gasket	1				
52	BA967H34	Flexible Conduit ($\frac{1}{2} \times 34$, Switch Box to Motor)	1				

S612 and S714 SERIES PARTS LIST

Index No.	Part No.	Description	Quan. Req.
90P	B56-40-2	Oil Seal — Trostel $\frac{5}{8} \times \frac{7}{8} \times \frac{1}{8}$	1
90R	$\frac{3}{32}$	Steel Ball	1
91	S755CL	Quill (left hand thread)	1
91A	S855K	Key	1
92	S855H1	Pulley (Quill)	1
93	S855H2	Pulley (Motor)	1
94A	S826TG	Guide Bar	2
94B	S826TL	Guard — Lower	1
94C	S826TR	Guard — Removable	1
94D	S826TU	Guard — Upper	1
96	S705BC	Base (S714)	1
98	S725CP	Column Cap (S714)	1
98A	S726A	Bushing	1
99	S726B	Bracket Old Style	1
99A	S726GB	Bracket — New Style (For Bell Housing)	1
100	S726C	Thrust Collar	1
101	S726E	Handwheel Shaft	1
102	S726N	Special Nut	1
103	S726SF	Elevating Screw (S714)	1
104	S726GC	Bell Housing	1
105	S730	Saddle (S714)	1
106	S730WE	Front Saddle Way Shroud (S714)	1
107	AA710-16	Oilite Bearing ($\frac{5}{8} \times \frac{3}{4} \times \frac{7}{8}$ L.)	2
108	KC45NG1000	Motor 1 HP, 3450, 115/230V, 1 Ph., 60 HZ	1
	K43JG3537	Motor 1 HP, 3450, 230/460V, 3 Ph., 60 HZ	1
	K43KG2167	Motor 1 HP, 3450, 550V, 3 Ph., 60HZ	1
110	S890B	Wrench Rack	1
110A	S890C	Wrench Rack	1
111	PV8JM46	Grinding Wheel ($8 \times \frac{3}{4} \times 1\frac{1}{4} \times 46$ Grit)	1
112	PV8JM60	Grinding Wheel ($8 \times \frac{3}{4} \times 1\frac{1}{4} \times 60$ Grit)	1
113	201KTD	Ball Bearing	1
114	S7K2	Ball Bearing	2
114A	202KLL3	Ball Bearing (out 2-69)	1
115	$\frac{1}{2}$ 75-201	Connector — Straight	2
	$\frac{1}{2}$ 75-301	Connector — 90°	2
117	$\frac{3}{4}$ 75-202	Connector — Straight	2
118	8041	O-Ring ($3\frac{3}{8} \times \frac{1}{16}$)	1
119	8Z	Wavy Spring Washer	1
120	$\frac{1}{2}$ PIPE	Cup No. 1	1
	$\frac{3}{4}$ PIPE	Cup No. 2	1
121	No. 2 x $\frac{1}{8}$	S.T. Round Head Screw (NP)	4
121A	No. 2 x $\frac{3}{16}$	S.T. Round Head Screw (NP)	14
121B	No. 6 x $\frac{3}{8}$	S.T. Pan Head Screw, Type A	1
123	10-32 x $\frac{3}{8}$	S.T. Round Head Sc. (NP) Type F	4
123A	10-32 x $\frac{1}{2}$	S.T. Round Head Sc. (NP) Type F	3
124	10-32 x $\frac{3}{4}$	S.T. Round Head Sc. (NP) Type F	9

Index No.	Part No.	Description	Quan. Req.
124A	8-32 x $\frac{1}{4}$	Round Head Machine Screw (HB)	1
124B	10-32 x $\frac{1}{4}$	Round Head Machine Screw (HB)	4
124C	10-32 x $\frac{5}{16}$	Round Head Machine Screw (HB)	2
124D	10-32 x $\frac{3}{8}$	Round Head Machine Screw (Brass)	1
125	$\frac{5}{16} \times \frac{1}{2}$ NC	Hex Cap Screw	1
126	$\frac{3}{16} \times 1$ NC	Hex Cap Screw	4
127	$\frac{1}{2} \times 1\frac{3}{4}$ NC	Hex Cap Screw (HT)	4
128	$\frac{1}{4} \times \frac{1}{2}$ NF	Hex Cap Screw	8
129	$\frac{1}{4} \times \frac{3}{4}$ NF	Hex Cap Screw	3
129A	$\frac{1}{4} \times 1$ NF	Hex Cap Screw	4
129B	$\frac{1}{4} \times 2\frac{1}{4}$ NF	Hex Cap Screw	1
130	$\frac{5}{16} \times \frac{1}{2}$ NF	Hex Cap Screw (HB)	4
131	$\frac{3}{16} \times \frac{5}{8}$ NF	Hex Cap Screw (HB)	1
132	$\frac{3}{16} \times \frac{7}{8}$ NF	Hex Cap Screw	4
133	$\frac{3}{8} \times 1\frac{1}{4}$ NF	Hex Cap Screw	2
134	$\frac{7}{16} \times 1\frac{1}{4}$ NF	Hex Cap Screw	5
135	$\frac{5}{16} \times \frac{3}{4}$ NC	Hex Socket Cap Screw	14
136	$\frac{1}{4} \times 1\frac{1}{4}$ NF	Hex Socket Cap Screw	5
137	$\frac{3}{16} \times \frac{3}{4}$ NF	Hex Socket Cap Screw	2
138	$\frac{5}{16} \times 2$ NF	Hex Socket Cap Screw	2
139	$\frac{1}{4} \times \frac{5}{8}$ NF	Flat Head Socket Cap Screw	10
140	10-32 x $\frac{1}{2}$	Hex Socket Set Screw	1
141	$\frac{1}{4} \times \frac{1}{4}$ NF	Hex Socket Set Screw	4
142	$\frac{3}{8} \times \frac{1}{2}$ NF	Hex Socket Set Screw	1
143	$\frac{5}{16} \times \frac{5}{16}$ NC	Hex or Bristo Socket Set Screw	2
143A	No. 12	Washer H.B.	1
144	$\frac{3}{16}$ NF	Washer (HB)	5
144A	$\frac{3}{16}$ Std.	Lock Washer	1
144B	$\frac{1}{4}$ Std.	Lock Washer	4
144C	$\frac{3}{8}$ Std.	Lock Washer	2
145	$\frac{1}{2}$ Std.	Lock Washer	4
146	$\frac{1}{8}$ NF	Hex Jam Nut (HB)	2
147	8-32	Hex Nut (HB)	1
147A	10-32	Hex Nut	2
147B	$\frac{1}{4}$ NF	Hex Jam Nut (HB)	1
147C	$\frac{5}{16}$ NF	Hex Jam Nut (HB)	2
148	$\frac{1}{2}$ NC	Hex Jam Nut	1
148A	10-32	Hex Nut (Brass)	1
149	5M462	V-Belt	2
150	7610K2	Switch	1
150A	CR151C10	End Block	1
150B	CR151C2200	Box Terminal Block	4
151	3006B	Knob	1
153	No. 2	Woodruff Key	1
156	8-32 x $\frac{3}{8}$	Round Head Machine Screw (NP)	2
157	8-32 x $\frac{1}{2}$	Round Head Machine Screw	1
158	10-32 x $\frac{3}{8}$	Round Head Machine Screw	4
	B936P	Puller (page 1)	1
	B936W	Wrench (page 1)	1
	S655W	Special Wrench (out 2-69)	1
	S681	Diamond Dresser (page 1)	1
	S894	Wrench (page 1)	1
	S896	Wrench (page 1)	1

S729 TRANSMISSION ASSEMBLY



Index No.	Part No.	Description	Quan. Req.
1	S629AB	Grasp Handle	1
2	S629AB1	Insert for Grasp Handle	1
3	S629AT	Adj. Crank Arm	1
4	S629AW	Thrust Washer	1
5	S629L	Lock Screw	1
6	S729-4	Stationary Shaft Assembly	1

Index No.	Part No.	Description	Quan. Req.
7	S729-5	Drive Shaft	1
8	S729-6	Spacer	1
9	S729-7	Jaw — Male	1
10	S729-8	Jaw — Female	1
11	S729-9	Handwheel	1
12	S729-10	Spring	1
13	S729-11	Gear — Helical (16T 1.020 O.D.)	1
	S729-12	Gear Helical (21T 1.312 O.D.)	1
14	A604X	Washer (H)	1
15	B805N	Lock Nut	1
17	B56-40-2	Oil Seal ($\frac{5}{8} \times \frac{7}{8} \times \frac{1}{8}$) Trostel	1
18	BH-1010	Needle Bearing	1
19	IR-061012	Inner Race	1
20	RS-62	Spirolox Ring — External	1
21	S7K	Ball Bearing	1
22	$\frac{5}{16}$ N.F.	Hex Jam Nut H.B.	1
23	$\frac{3}{8}$ N.F.	Hex Nut	2
24	$\frac{3}{4} \times 2\frac{1}{2}$ N.F.	Hex Socket Cap Screw	1
25	$\frac{5}{16}$ Std.	Lock Washer	1
26	No. 2	Woodruff Key	2