

Item No.	Parts Number	Description	Specification	Remarks
1	P01807	Top Housing		AL-500S
1	P01020	SP Top Housing		For SP ser.
1	A0100X	99 Top Housing		For AL/CE-99
2	A0100-01	Bevel Gear Nut		
3	A0100-02A	Washer		
4	A0100-02B	Washer		
5	A0100-02C	Washer		
6	A-0100-02D	Washer		
7	A0100-04A	Washer		
8	A0100-04B	Washer		
9	A0100-04C	Washer		
10	A0100-04E	Washer		
11	A0100-07A	Washer		
12	A0101A	Needle Bearing		
13	A0101B	Inner Ring		
14	A0101C	Needle Bearing		
15	A0102	Circuit Breaker		
16	A0102-01	Cap of Circuit Breaker		
17	A0103	Bushing Bearing		
18	A0106	Drive Gear Shaft		AL-400S/300S
18	P01022	Drive Gear Shaft		AL-500S
19	A0106V	Drive Gear		AL-400S/300S
19	P01021	Drive Gear		AL- 500S
20	A0109	Spacer		
21	A0110	Light Transmitter		
22	A0111-01	Hex-Seal Boot		
23	A0111-01A	Nut for Rapid Switch		
24	A0111-02	Rapid Switch plunger		
25	A0111-03	Spring for Rapid Switch		
26	A0111-04	Rapid Switch Housing		
27	A0111-1-5	Rapid Switch Assy		
28	A0112	Spring For Top Housing		
29	P01808	Adaptor		
30	A0301-05	Spring For Clutch		
31	A0301-06	Washer TRA	512	
32	A0301-07	Washer Bearing NTA	512	
33	A0301-08	Bearing Cup		
34	A03011-9	Lift Fork		
35	A0301-10	Washer	1x8x18mm	
36	A0301-12A	Shaft Mount		
37	ALW-25-1	Wire	24AWG x L59mm	
38	ALW-26	Wire	18AWG x L50mm	
39	ALW-3	Wire	22AWG	

40	ALW-6	Wire	22AWG x L116mm	
41	ALW-7	Wire	22AWG x L160mm	
42	ALW-8	Wire	22AWG x L100mm	
43	ALW-9	Wire	22AWG x L100mm	
44	B00001	Bearing	627ZZ	
45	B00006	Bearing	608ZZ	
46	C0501	Micro Switch Holder		
47	C0501-6V	Micro Switch Assembly		
48	C0502	Switch Actuator		
49	C0504	Micro Switch		
50	C0506	Capacitor		
51	C0507	Micro Switch Holder		
52	C0508	Micro Switch Assembly		
53	C0508-01	Mounting Plate		
54	C0508-02	Micro Switch		
55	P01809	Bottom Cover		AL-500S
56	P01806	Bottom Housing		
57	E0902V	250 Cam Assembly		
57	E0902P	235 Cam Assembly		
58	P01004	Carbon Brush Holder		
59	E0905	Brush		
60	E-0907	On-Off Switch		
61	E0907-01	Cap of On-Off Switch		
62	E0907-02	Washer		
63	E0910	Spring Washer	627	
64	E0911	Set Screw	1/4" x 1/4"	
65	P01928	Speed Control Knob		
66	P01927	Handle Knob		
67	P01810	180' Control Handle		
67	P01811	90' Control Handle		
68	E0913A	Inner Ring		
69	E0915V	Circuit Board Insulator		
70	E0916V	400S/500S Circuit Board Assembly		AL-500S/400S
70	JC2H	300S Circuit Board Assembly		AL-300S
70	JC5H	CE Circuit Board Assembly		CE-300S
71	E0917	Strain Relief		
72	E0922	Lift Fork Shaft		
73	E0925V	AL Armature Assembly		AL--400S/300S
73	P01907	SP Armature Assembly		AL-500S
74	E0926V	400S/500S Motor Field		AL-400S/500S
74	E0926P	300S Motor Field		AL-300S
75	E0927A	Bearing Mount		
76	E0928	Bushing	8x14.8x20	
77	E0929-01	Strain of Potentiometer		

78	E0929-02	Ring of Potentiometer		
79	E0929-03	Cap of Potentiometer		
80	E0929-04	Washer of Potentiometer		
81	E0929-05	Nut of Potentiometer		
82	E0929V	400S/500S Potentiometer	10K Ohm	AL-500S/400S
82	E0929P	300S Potentiometer		AL-300S
83	E0930	Power Cord	0.75x 3Cx 2.7M	
84	E0934-01	Crescent ring	S38	
85	E0934-02	Washer	1.5x 38x 54	
86	E0934-03	Spring Washer	6205	
87	E0934-04	Hub of Zytel Gear		
88	F01001	Crescent Ring	IR24	
89	F10040	E-Ring	E4	
90	F10050	E-Ring	E5	
91	F1104	Micro Switch		
92	F1106A-2	Control Cord	0.75x 4Cx1.7M	AL-500S/400S
92	F1106V	Control Cord		AL-300S
93	G0100-011	Travel Stop		
94	G0103	Nut		
95	G0106	Crescent Ring		
96	G0107	Spring		
97	G0108	Travel Stop Shaft		
98	N10020	Nut	M 2	
99	N10030	Nut	M 3	
100	N22001	Nut	5/16"	
101	E0906	Carbon Brush Cap		
102	P01007	Plastic Gear		
103	P01016	AL-500S Bevel Gear	16x 4	For AL Ser.
103	P01017	Bevel Gear	5/8"x 1/8"	For AL Ser.
103	P01032	Bevel Gear	22x 4mm	For AI Ser.
103	P01054	Bevel Gear	20x 6mm	For SP Ser.
104	P01015	Limit Switch Cover		
105	P01018	Limit Switch Holder		
106	P01019	Actuator		
107	P01028	Lift Fork Ring		
108	P01040	Hold Plate	30 Deg.	
109	P01901	Drive Gear Assembly		
110	P01903	Lift Fork Assembly		
111	P01904	Micro Switch Assembly		
112	P01905	250/500S Potentiometer Assembly		
112	P01908	300/235/99 Potentiometer Assembly		
113	P01909	Zytel Gear Assembly		
114	P01910	Limit Switch Assembly		AL-400S/500S
114	P01924	Limit Switch Assembly		AL-300S

114	P01925	Limit Switch Assembly		CE-400S/500S
114	P01926	Limit Switch Assembly		CE-300S
115	P01916	Travel Stop Set (2 Pcs Set)		
116	P01917	Bevel Gear Set	5/8"	AL-400S/300S
117	P01923	Lift Fork Assembly		
118	T12010	Screw	2x 10 mm	
119	T13015	Screw	3x 15 mm	
120	T13020	Screw	3x 20 mm	
121	T13030	Screw	3x 30 mm	
122	T14006	Screw	4x 6 mm	
123	T14010	Screw	4x 10 mm	
124	T15010-1	Screw	4x 10 mm	
125	T14070	Screw	4x 70 mm	
126	T20001	Set Screw	3/16" x 3/8"	
127	T20003	Set Screw	5/16" x 1"	
128	T55035	Set Screw	5 x 35 mm	
129	T60001	Set Screw	1/4 x 1"	
130	T74004	Set Screw	4 x 4 mm	
131	U33025	Pin	Dia. 2 x 24.8 mm	
132	U35016	Pin	Dia. 2.5 x 16 mm	
133	U33015	Pin	Dia. 3 x 15mm	
134	U35014	Pin	Dia. 5 x 14 mm	
135	U42515	Pin	Dia. 2.5 x 15 mm	
136	U43014	Pin	Dia. 3 x 13.7 mm	
137	U43017	Pin	Dia.3 x 17.5 mm	
138	W04001	Spring		
139	W10050	Washer	1 x Dia. 5 x Dia.12 mm	
140	W10080	Washer	1 x Dia.8 x Dia. 18 mm	
141	W10080-1	Washer	0.6 x Dia. 8 x Dia. 12 mm	
142	W20040	Spring Washer	Dia. 4 mm	
143	D20283	On-Off Brand		
144	P01919	Limit Switch Fixture		
145	P01922	Extension Shaft	16 t	Option
145	P01929	Extension Shaft	20 t	Option
146	A0301-15A	T-Way Track	60 CM	Option
146	A0301-15B	T-Way Track	66 CM	Option
146	A0301-15E	T-Way Track	30 CM	Option
147	PFB-01	Alum Stand	28 t	Option
147	PFB-02	Alum Stand	35 t	Option
147	PFB-18	Stand	13 t	Option
148	PFB-06	Extension Shaft	L 54.7 mm	Option
148	PFB-07	Extension Shaft	L 69 mm	Option
148	PFB-07A	Extension Shaft	L 79 mm	Option
148	PFB-08	Extension Shaft	L 80 mm	Option

148	PFB-15	Extension Shaft	L 52 mm	Option
148	PFB-16	Extension Shaft	L 60 mm	Option
149	PFB-03	Extension Shaft Ring	L 40 mm	Option
149	PFB-04	Extension Shaft Ring	L 54.7 mm	Option
149	PFB-05	Extension Shaft Ring	L 65 mm	Option
149	PFB-09	Extension Shaft Ring	L 27 mm	Option
149	PFB-10	Extension Shaft Ring	L 33 mm	Option
149	PFB-13	Extension Shaft Ring	L 30 mm	Option
149	PFB-14	Extension Shaft Ring	L 42 mm	Option
150	PFR-76	Nut	1/2-20 x 14.3 mm	
151	P01823	Washer	3 x Dia. 16 x Dia. 25.4 mm	