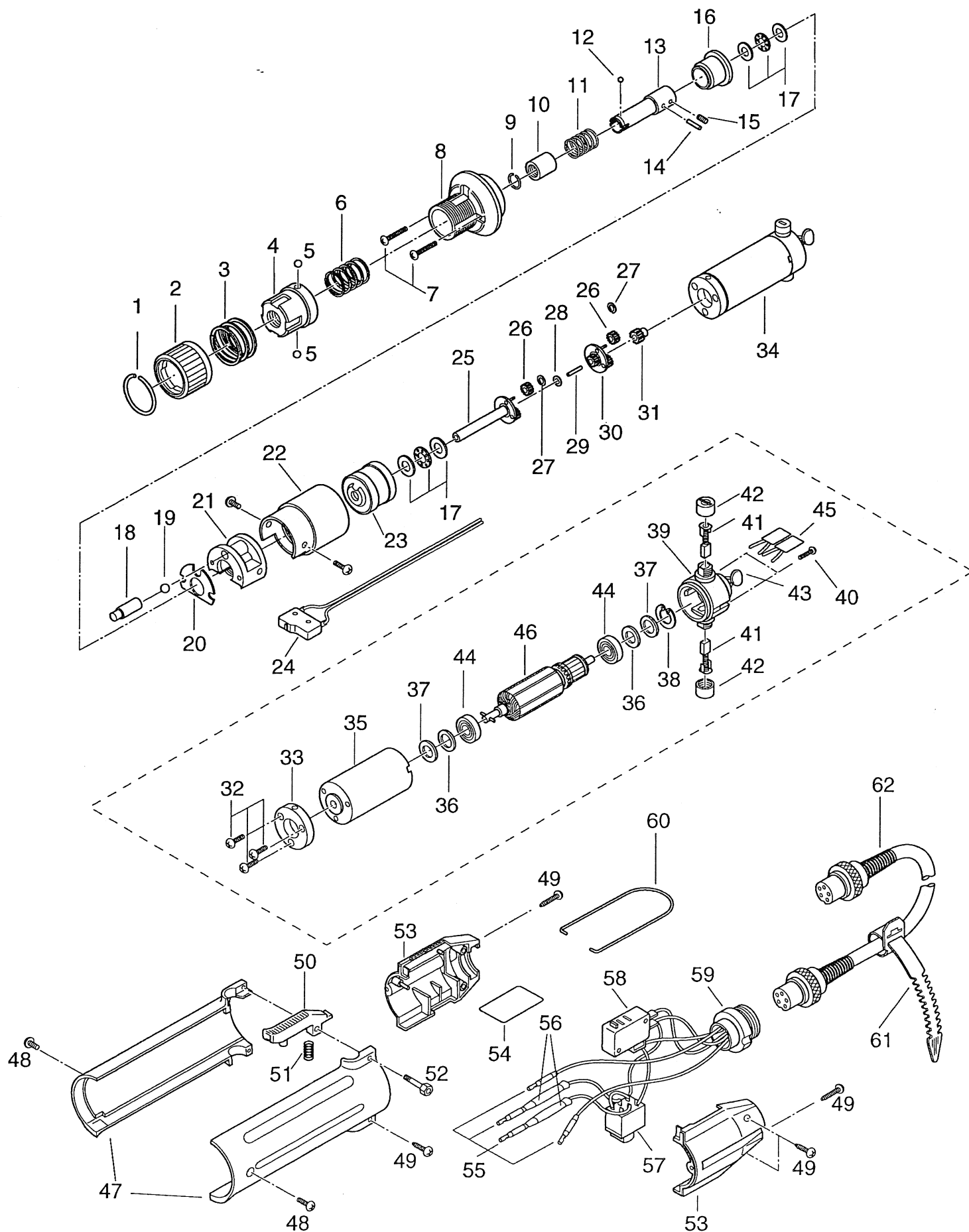


SS-4000 HIOS,HEX



PARTS LIST OF SS-4000
(HIOS SHANK, HEX SHANK)

ISSUED: April, 1997
REVISED: April, 2001

PARTS NAME	PARTS NO.	PARTS NAME	PARTS NO.
Transmission Assembly 1 - 31 (W/O 24)	SS4-TM	28 Thrust Washer	CL4-0290
Transmission Assembly 1 - 31 (W/O 24)	SS4X-TM	29 Center Pin	CL4-0300
Torque Adjusting Nut Assembly 1 - 5	CL4-NT	Upper Planet Cage Assembly 26, 27, 30	CL4-3310
1 Nut Cover Stopper	CL4-0010	30 Upper Planet Cage	CL4-0310
2 Nut Cover	CL4-0020	31 Pinion Gear	CL4-0320
3 Nut Cover Spring	CL4-0030	Motor	
4 Torque Adjusting Nut	CL4-0040	32 Set Screw 3x5	SPF30X050
5 Steel Ball 3.0 ϕ	BALL-03	33 Motor Front Panel	SS4-0340
6 Torque Adjusting Spring 1.2 ϕ (Blue)	CL3-0060	34 Motor	SS4-0360
Torque Adjusting Spring 1.5 ϕ (Red)	CL4-0060	35 Magnet Case	
7 Set Screw 2.6x10	STP26X100	36 Wave Washer	CL4-0370
8 Torque Adjusting Bolt	CL4-0080	37 Rotor Adjusting Washer 0.1	CL4-0380-1
Joint Shaft Assembly 9 - 13	CL4-JS	Rotor Adjusting Washer 0.2	CL4-0380-2
Joint Shaft Assembly 9 - 13	CL4X-JS	Motor End Cover Assembly 38 - 45	CL4NL-3400
9 Collar Stopper	CL4-0090	38 Stop Ring	CL4-0390
Collar Stopper	CL4X-0090	39 Motor End Cover	CL4-0400
10 Joint Shaft Collar	CL4-0100	40 Set Screw 1.7X10	STP17X100
Joint Shaft Collar	CL4X-0100	41 Carbon Brush	CL4-0421
11 Collar Spring	CL4-0110	42 Carbon Brush Cap	CL4-0430
Collar Spring	CL4X-0110	43 Capacitor	CL4-0441
12 Steel Ball 2.0 ϕ	BALL-02	44 Motor Bearing	CL4-0450
Steel Ball 1.5 ϕ	BALL-015	45 Condenser 682KG	CL3NL-0440
13 Joint Shaft	CL4-0130	46 Rotor	CL4-0460
Joint Shaft	CL4X-0130	47 Body Case A & B	SS4-0470
14 Joint Shaft Lock Pin 2x9	SR20X090	48 Set Screw 2.6x6	STP26X060
15 Set Screw 3x3	SH30X030	49 Set Screw 2.6x12	STPB26X120
16 Clutch Supporter	CL4-0160	50 Switch Lever	CL4-0500
Gear Assembly 17 - 31 (W/O 24)	SS4-GR	51 Switch Lever Spring	CL4-0510
17 Thrust Bearing 5x11	CL4-0170	52 Switch Lever Plunger	CL4-0521
18 Clutch Ball Rod	CL4-0180	Switch Assembly 49, 53 - 60	SS4-SW
19 Steel Ball 5.0 ϕ	BALL-05	53 Switch Cover A & B	SS4-0530
20 Gear Case Plate	CL4-0200	54 Name Plate	SS4-0540
21 Gear Case Cover	SS4-2211	55 Terminal Holder	CL4-0550
22 Gear Case (W/Roller Bearing)	SS4-3212	56 Noise Filter B	A45-0630
23 Internal Gear	SS4-0240	57 For/Rev Switch	CL4-0560
24 Limit Switch	CL4-0230	58 Starting Switch	CL4-0570
Lower Planet Cage Assembly 25 - 27	CL4-3260	59 5-Pin Connector	CL4-0580
25 Lower Planet Cage	CL4-0260	60 Hanger	CL4-0590
26 Planet Gear	CL4-0270	61 Free-Up Belt	CL4-0600
27 E-Ring	CL4-0280	62 5-Core Cord W/Connectors In Both Ends	CL4-0611