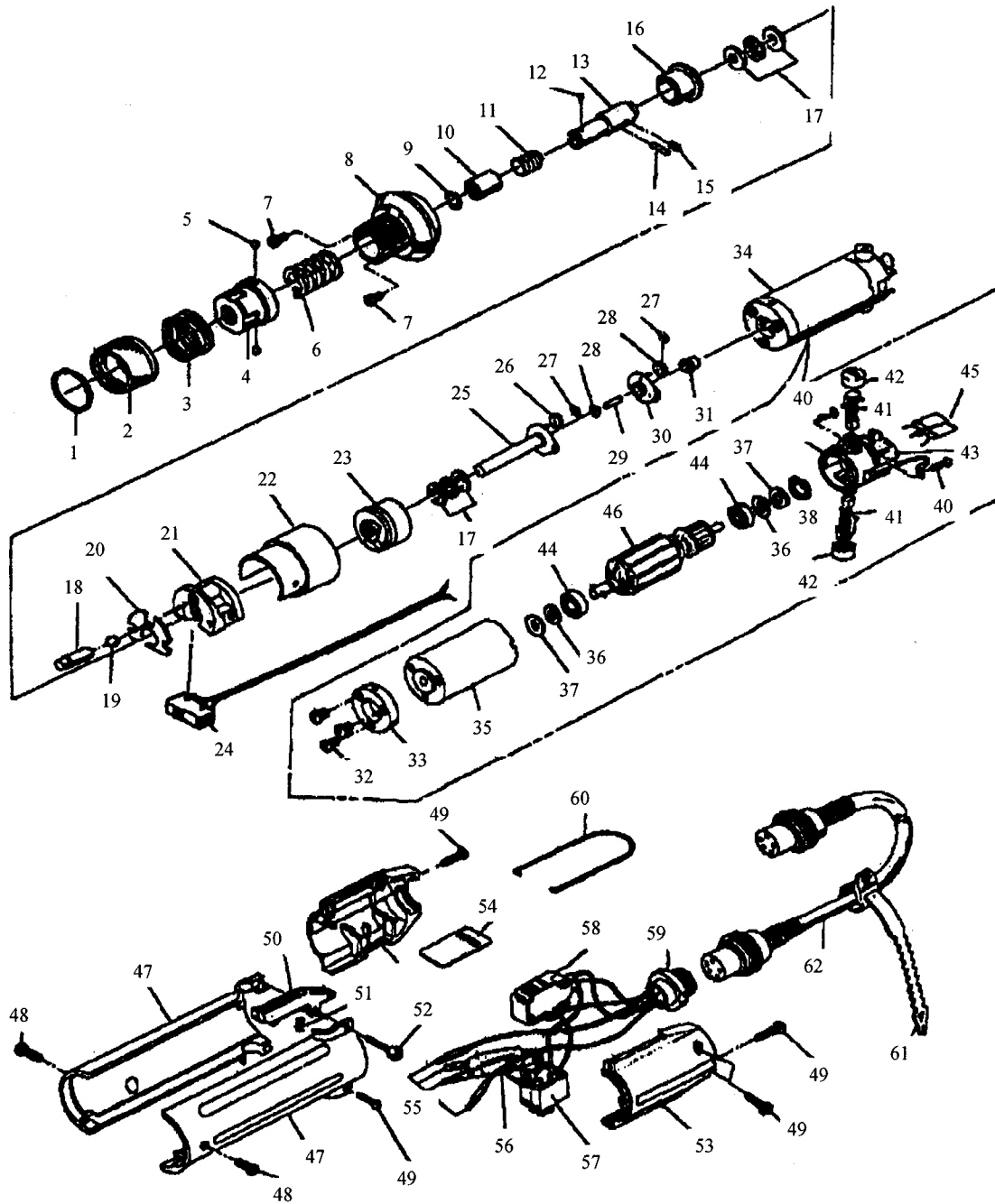


SS-4000 & SS-4000X

Rev 1.0



SS-4000 & SS-4000X

Ref#	Part Name	Part#	Ref#	Part Name	Part#
	Transmission Assembly 1 – 31 (w/o 24) HIOS Shank	41-SS4-TM	28	Gear Washer	41-CL4-0290
	Transmission Assembly 1 – 31 (w/o 24) HEX Shank	41-SS4X-TM	29	Center Pin	41-CL4-0300
	Torque Adjusting Nut Assembly 1 – 5	41-CL4-NT		Upper Planet Cage Assembly 26,27,30	41-CL4-3310
1	Nut Cover Stopper	41-CL4-0010	30	Upper Planet Cage	41-CL4-0310
2	Nut Cover	41-CL4-0020	31	Pinion Gear	41-CL4-0320
3	Nut Cover Spring	41-CL4-0030		Motor	-----
4	Torque Adjusting Nut	41-CL4-0040	32	Phil Pan Head Screw 3x5	220208
5	Knotting Ball	41-Ball-03	33	Motor Front Panel	41-SS4-0340
6	Torque Adj. Spring 1.2 (Blue)	41-CL3-0060	34	Motor	41-SS4-0360
	Torque Adj. Spring 1.5 (Red)	41-CL4-0060	35	Magnet Case	-----
7	Phil Pan Head Screw 2.6x10	220204	36	Wave Washer	41-CL4-0070
8	Torque Adjusting Bolt	41-CL4-0080	37	Rotor Adj. Washer (0.1) Rotor Adj. Washer (0.2)	41-CL4-0380-1 41-CL4-0380-2
	Joint Shaft Assembly 9 – 13 (HIOS Shank) Joint Shaft Assembly 9 – 13 (HEX Shank)	41-CL4-JS 41-CL4X-JS		Motor End Cover Assembly 38 – 45	41-CL4NL-3400
9	Collar Stopper (HIOS)	41-CL4-0090	38	Stop Ring	41-CL4-0390
	Collar Stopper (HEX)	41-CL4X-0090	39	Motor End Cover	41-CL4-0400
10	Joint Shaft Collar (HIOS)	41-CL4-0100	40	Self Tap Screw (x2)	220200
	Joint Shaft Collar (HEX)	41-CL4X-0100	41	Carbon Brush (x2)	41-CL4-0420
11	Collar Spring (HIOS)	41-CL4-0110	42	Carbon Brush Cap (x2)	41-CL4-0430
	Collar Spring (HEX)	41-CL4X-0110	43	Capacitor	41-CL4-0441
12	Steel Ball 2.0	220054	44	Motor Bearing (x2)	41-CL4-0450
	Steel Ball 1.5	220052	45	Condenser 682KQ (x2)	41-CL3NL-0440
13	Joint Shaft (HIOS)	41-CL4-0130	46	Rotor	41-CL4-0460
	Joint Shaft (HEX)	41-CL4X-0130	47	Body Case A & B	41-SS4-0370
14	Joint Shaft Lock Pin 2x9	41-SR20X090	48	Phil Pan Head Screw 2.6x6	220505
15	Screw, SKT Set Cup PT 3x3	220100	49	Self Tap Screw 2.6x12	220300
16	Clutch Supporter	41-CL4-0160	50	Switch Lever	41-CL4-0500
	Gear Assembly 17 – 31 (w/o 24)	41-SS4-GR	51	Switch Lever Spring	41-CL4-0510
17	Thrust Bearing 5x11	41-CL4-0170	52	Switch Lever Plunger	41-CL4-0520
18	Clutch Ball Rod	41-CL4-0180		Switch Assembly 49, 53-60	41-SS4-SW
19	Steel Ball 5.0	220066	53	Switch Cover A & B	41-SS4-0530
20	Gear Case Plate	41-CL4-0200	54	Name Plate	41-SS4-0540
21	Gear Case Cover	41-SS4-2211	55	Terminal Holder (x4)	41-CL4-0550
22	Gear Case (w/Roller Bearing)	41-SS4-3212	56	Noise Filter B (x2)	41-A45-0630
23	Internal Gear	41-SS4-0240	57	For/Rev Switch	41-CL4-0560
24	Limit Switch	41-CL4-0230	58	Starting Switch	41-CL4-0570
	Lower Planet Cage Assembly 25 – 27	41-CL4-33260	59	5-Pin Connector	41-CL4-0580
25	Lower Planet Cage	41-CL4-0260	60	Manager	41-CL4-0590
26	Planet Gear (x6)	41-CL4-0270	61	Free-Up Belt	41-CL4-0600
27	E-Ring (x6)	41-CL4-0280	62	5-Core Cord w/connectors in both ends	41-CL4-0611