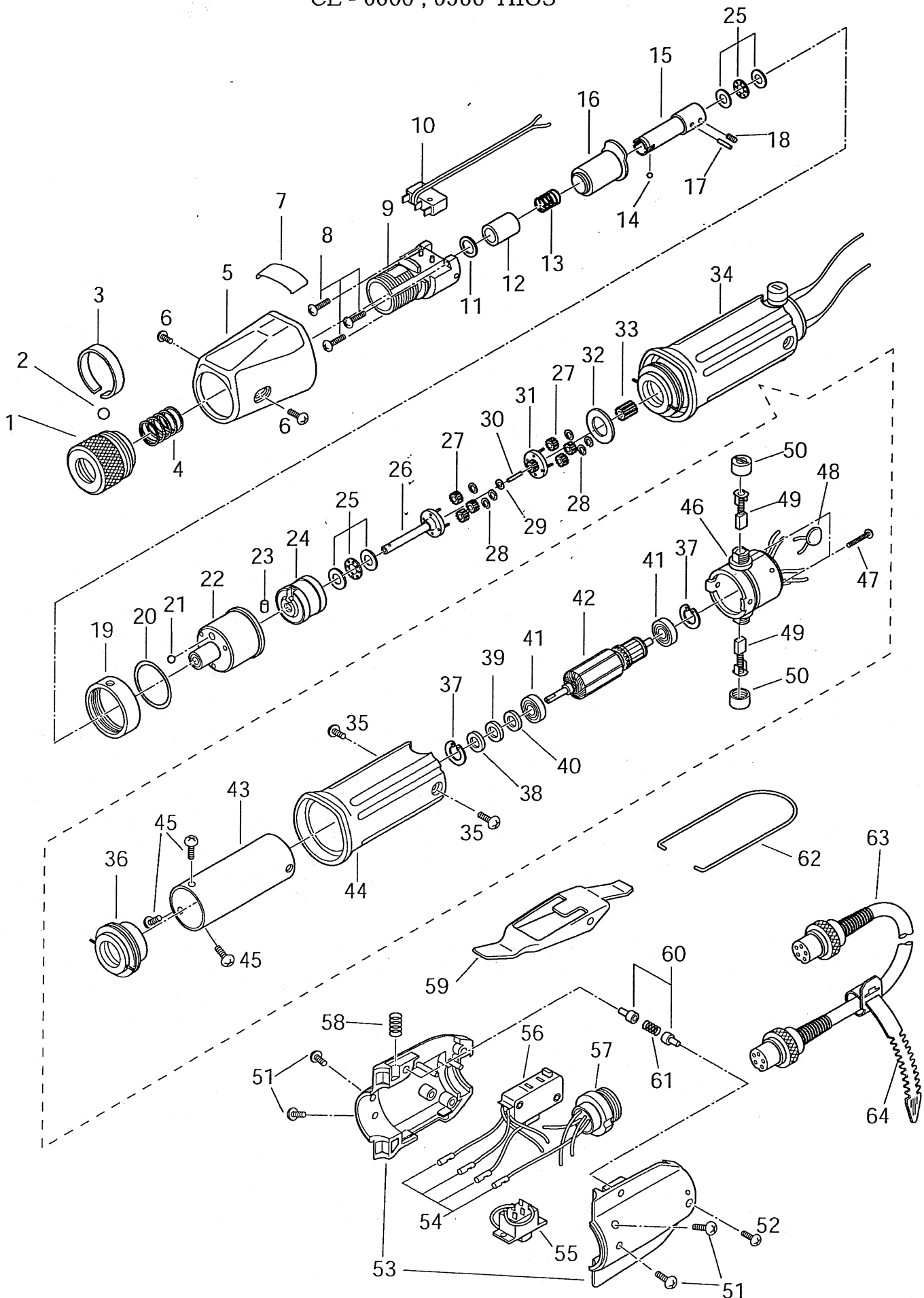


EXPLODED VIEW DRAWING

CL - 6000 , 6500 HIOS

Issued : November, 1991
Revised : April, 2001



(Ver No. CL-601)

HIOS inc.

PARTS LIST OF CL-6000, 6500
(HIOS SHANK)

ISSUED: November, 1991
REVISED: April, 2001

PARTS NAME	PARTS NO.	PARTS NAME	PARTS NO.
Transmission Assembly 1 - 33 (W/O 10)	CL6-TM	Upper Planet Cage Assembly 31, 27, 28	CL65-3310
Transmission Assembly 1 - 33 (W/O 10)	CL65-TM		
Torque Adjusting Nut Assembly 1 - 3	CL65-NT	31 Upper Planet Cage	CL65-0310
1 Torque Adjusting Nut	CL65-0010	32 Grease Seal	CL65-0320
2 Steel Ball 3.0φ	BALL-03	33 Pinion Gear	CL65-0330
3 Knotting Ball Band	CL65-0030		
4 Torque Adjusting Spring (Brown)	CL6-0040	34 Motor	CL6-0340
Torque Adjusting Spring (Yellow)	CL65-0040	Motor	CL65-0341
5 Clutch Cover	CL65-0050	35 Set Screw 3x5.5	STB30X055
6 Set Screw 3x5.5	STB30X055	36 Motor Front Cover	CL65-0360
7 Mark Label	CL6-0070	37 Ring Stopper S	CL65-0370
Mark Label	CL65-0070	38 Wave Washer	CL65-0380
8 Set Screw 2.6x8	STP26X080	39 Rotor Adjusting Washer 0.1	CL65-0390
9 Torque Adjusting Bolt	CL65-0090	40 Rotor Adjusting Washer 0.2	CL65-0400
		41 Motor Bearing	CL65-0410
10 Limit Switch	CL4-0230	42 Rotor	CL6-0420
		Rotor	CL65-0420
Joint Shaft Assembly 11 - 15	CL65-JS	43 Magnet Case For CL-6000	
		For CL-6500	
11 Collar Stopper	CL65-0110	44 Motor Case	CL6-0440
12 Joint Shaft Collar	CL65-0120	Motor Case	CL65-0440
13 Collar Spring	CL65-0130	45 Set Screw 3x4	STP30X040
14 Steel Ball 2.5φ	BALL-025		
15 Joint Shaft	CL65-0150	Motor End Cover Assembly 37, 41, 46 - 50	CL65-3470
16 Clutch Supporter	CL65-0160	46 Motor End Cover	CL65-0470
17 Joint Shaft Lock Pin 2x11.8	DL10-0180	47 Set Screw 2.6x20	STP26X200
18 Set Screw 3x3	SH30X030	48 Capacitor	CL4-0441
19 Gear Case Set Ring	CL65-0190	49 Carbon Brush	CL65-0491
20 O-Ring	CL65-0200	50 Carbon Brush Cap	CL65-0500
Gear Assembly 21 - 33	CL65-GR	51 Set Screw 3x8	STB30X080
		Switch Assembly 52 - 62 (W/O 58, 59)	CL65-SW
21 Clutch Ball 5.5φ	BALL-055		
22 Gear Case	CL65-0220	52 Set Screw 2.6x5	STP26X050
23 Cam Roller 5x7	CL65-0230	53 Switch Cover A & B	CL65-0530
24 Internal Gear	CL65-0240	54 Terminal Holder	CL4-0550
25 Thrust Bearing 6x12	CL65-0250	55 For/Rev Switch	CL65-0590
		56 Starting Switch	CL4-0570
Lower Planet Cage Assembly 26 - 28	CL65-3260	57 5-Pin Connector	CL4-0580
		58 Switch Lever Spring	CL65-0610
26 Lower Planet Cage	CL65-0260	59 Switch Lever	CL65-0641
27 Planet Gear	CL65-0270	60 Switch Lever Plunger	CL65-0620
28 E-Ring	CL65-0280	61 Plunger Spring	CL65-0630
		62 Hanger	CL65-0650
29 Thrust Washer	CL4-0290		
30 Center Pin	CL65-0300	63 5-Core Cord W/Connectors In Both Ends	CL65-0660
		64 Free-Up Belt	CL65-0670