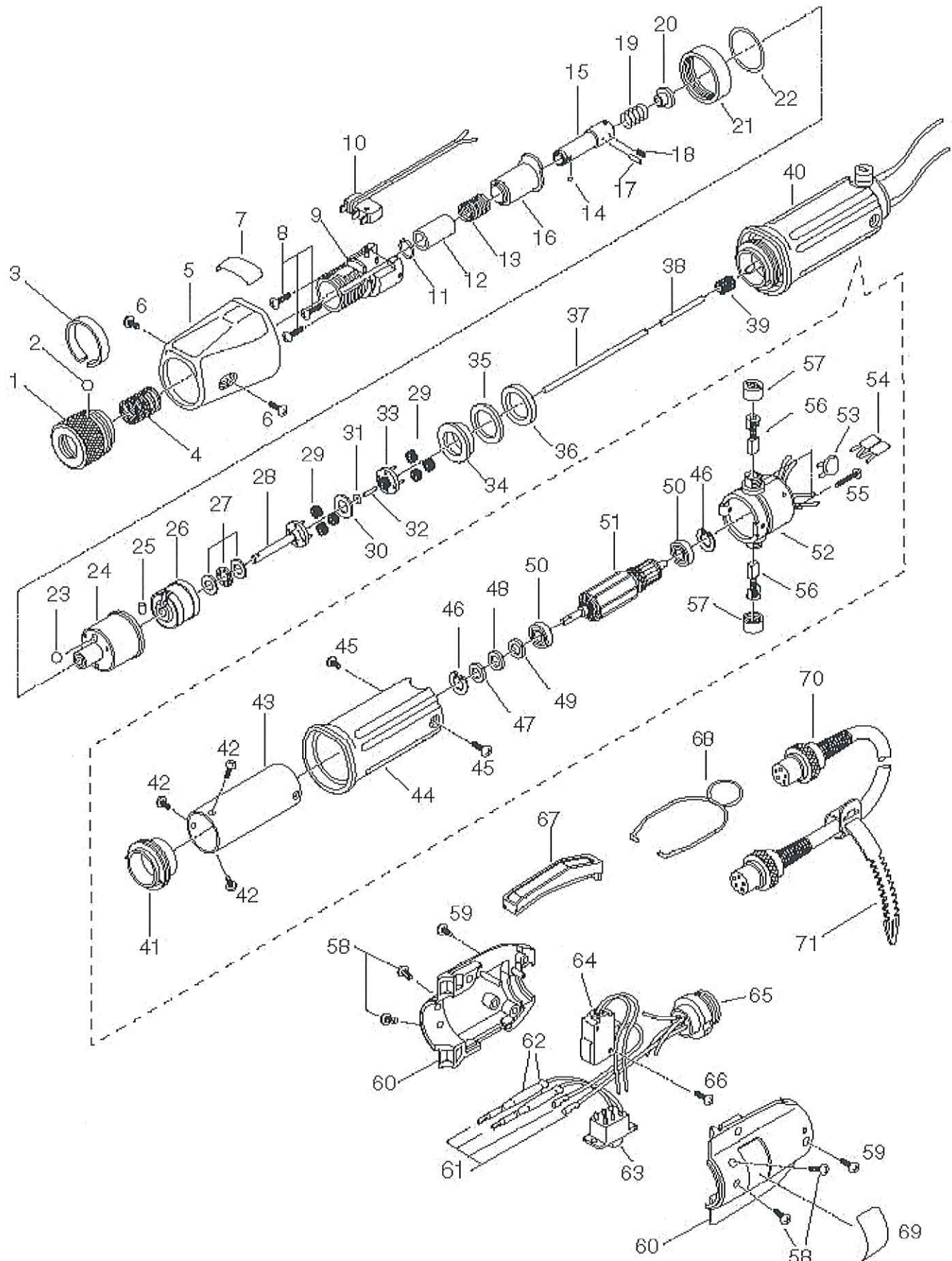


EXPLODED VIEW DRAWING

α - 6500PS HIOS HEX

Issued : February, 1994
Revised : September 2008



(Ver No APS-65-01)

HIOS inc.

PARTS LIST OF ALPHA-6500PS
(HIOS SHANK, HEX SHANK)

ISSUED: February, 1994

REVISED: Oct. 31st, 2013

PARTS NAME	PARTS NO.	PARTS NAME	PARTS NO.
Transmission Assy 1-38 (W/O 10, 34-37)	A65PS-TM	34 Gear Support	A65PS-0320
Transmission Assy 1-38 (W/O 10, 34-37)	A65PSX-TM	35 Washer 0.1	_____
Torque Adjusting Nut Assembly 1 - 3	CL65-NT	36 Bearing For Gear Support	CL65PS-0370
1 Torque Adjusting Nut	CL65-0010	37 Center Pin B (89.8)	CL65PS-0471
2 Steel Ball 3.0φ	BALL-03	38 Center Pin C (1.8X14.4)	CL65PS-0700
3 Knotting Ball Band	CL65-0030	39 Pinion Gear	A65PS-0330
4 Torque Adjusting Spring (Yellow)	CL65-0040	40 Motor	A65PS-0340
5 Clutch Cover	A65-0050	41 Motor Front Cover	CL65-0360
6 Set Screw 3x5.5	MYBF30055NNTMG	42 Set Screw 3x5.5	MYBF30055NNTMG
7 Mark Label	A65-0070	43 Magnet Case	_____
8 Set Screw 2.6x8	MSPF260803CTMG	44 Motor Case	CL65-0440
9 Torque Adjusting Bolt	CL65-0090	45 Set Screw 3x4	STP30X040
10 Limit Switch	CL4-0230	46 Ring Stopper S	CL65-0370
Joint Shaft Assembly 11 - 15	CL65PS-JS	47 Wave Washer	CL65-0380
Joint Shaft Assembly 11 - 15	CL65PSX-JS	48 Rotor Adjusting Washer 0.1	CL65-0390
11 Collar Stopper	CL65-0110	49 Rotor Adjusting Washer 0.2	CL65-0400
12 Joint Shaft Collar	CL65-0120	50 Motor Bearing	CL65-0410
Joint Shaft Collar	CL65X-0120	51 Rotor	A65PS-0420
13 Collar Spring	CL65-0130	Motor End Cover Assembly 46.50.52-57	A65-3470
14 Steel Ball 2.5φ	BALL-025	52 Motor End Cover	CL65-0470
Steel Ball 2.0φ	BALL-02	53 Capacitor	CL4-0441
15 Joint Shaft	CL65PS-0161	54 Condenser 682KG	CL3NL-0440
Joint Shaft	CL65PSX-0160	55 Set Screw 2.6x20	STP26X200
16 Clutch Supporter	CL65-0160	56 Carbon Brush	CL65-0490
17 Joint Shaft Lock Pin 2x9.8	CL65PS-0150	57 Carbon Brush Cap	A65-0500
18 Set Screw 3x3	SH30X030	58 Set Screw 3x8	MYBF30080NNTM
19 Intermediary Spring	CL65PS-0190	Switch Assembly 59-69	A65PS-SW
20 Switch Intermediary	CL65PS-0200	59 Set Screw 3.5X8	BOHD5F35080NITP
21 Gear Case Set Ring	CL65-0190	60 Switch Cover A & B	A65-0530
22 O-Ring	CL65-0200	61 Terminal Holder	CL4-0550
Gear Assembly 23 - 33, 38	A65PS-GR	62 Noise Filter B	A45-0630
23 Clutch Ball 5.5φ	BALL-055	63 For/Rev Switch	CL65-0590
24 Gear Case	CL65PS-0240	64 Starting Switch	CL65PS-0610
25 Cam Roller 5x7	CL65-0230	65 5-Pin Connector	CL4-0580
26 Internal Gear	A65PS-0260	66 Set Screw 3x18	STPB30X180
27 Thrust Bearing 6x12	CL65-0250	67 Side Cover	CL65PS-0641
28 Lower Planet Cage	A65PS-0270	68 Hanger	CL65-0651
29 Planet Gear	A65PS-0280	69 Mark Label B	CL65PS-8020
30 Gear Plate B	A65-0680	70 5-Core Cord W/Connectors In Both Ends	CL65-0660
31 Thrust Washer	CL4-0290	71 Free-Up Belt	CL65-0670
32 Center Pin	A65PS-0300		
33 Upper Planet Cage	A65PS-0310		