

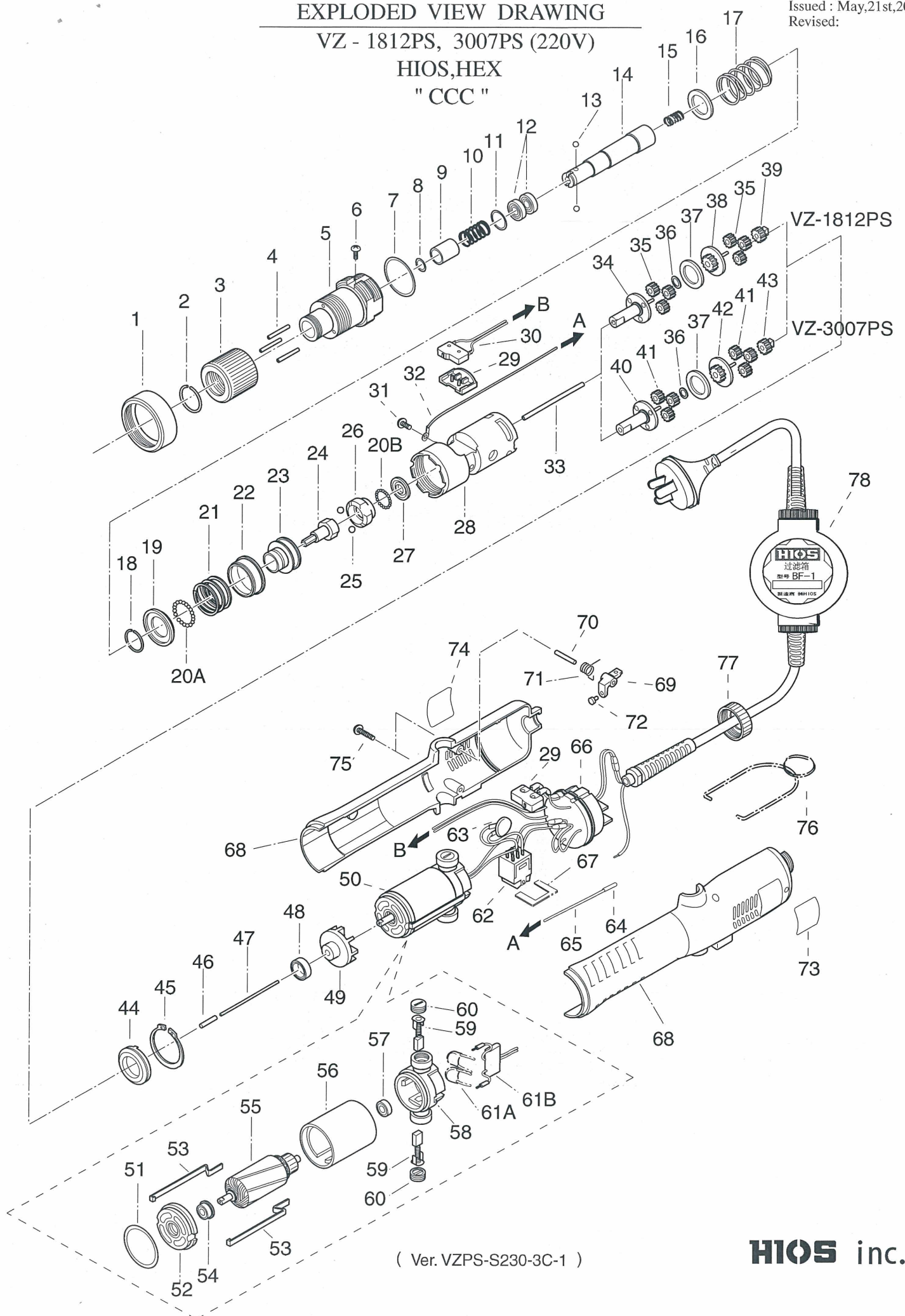
EXPLODED VIEW DRAWING

VZ - 1812PS, 3007PS (220V)

HIOS, HEX

"CCC"

Issued : May,21st,2009
Revised:



HIOS inc.

PARTS LIST OF VZ-1812PS, 3007PS

PUSH TO START TYPE
(HIOS, HEX 230V) "CCC"

ISSUED: April, 1997
REVISED: FEB.2nd,2011

PARTS NAME	PARTS NO.	PARTS NAME	PARTS NO.
1 Front Ring Assy (CCC)	VZ18C-3010	40 Lower Planet Cage	VZ3007-0360
2 Nut Stopper Ring	VZ18-0022	41 Planet Gear 21/1	VZ3007-0370
3 Torque Adjusting Nut	VZ18-0030	42 Upper Planet Cage	VZ3007-0400
4 Knotting Roller (VZ-1812)	VZ30-0040	43 Pinion Gear 18/1	VZ3007-0410
Knotting Roller (VZ-3007)	VZ18-0041	44 Grease Seal	ACL20-0351
5 Torque Adjusting Bolt	VZ18-3050	45 OV-Ring	VZ18-0350
6 Set Screw 3x2.5	SPP30X025	46 Nylon Rod	VZ18PS-0700
7 O-Ring 18 φ	M3-0260	47 Push Rod	VZ18PS-0770
8 Collar Stopper	CL65-0110	48 Bearing for Fan (Includes No. 45)	-----
Collar Stopper	VZ18X-0070	49 Fan	VZ18-3380
9 Joint Shaft Collar	VZ18-0080	50 Motor Assembly 230V	VZ18-0390B
Joint Shaft Collar	VZ18X-0080	51 Insulation Ring	VZ18-0400
10 Collar Spring	CL65-0130	52 Front Cover	VZ18-0420
11 Stopper Washer (Spring Stopper)	VZ18-0130	53 Motor Set Band	VZ18-0410
Stopper Washer (Spring Stopper)	VZ18X-0130		
12 Bearing 15x10x4 (x2) Includes No. 5	-----	54 Ball Bearing	VZ18-0430
13 Steel Ball 2.5 φ	BALL-025	55 Rotor 230V	VZ18-0440B
Steel Ball 2.0 φ	BALL-02	56 Magnet Case	-----
14 Joint Shaft	VZ18-0121	57 Motor Bearing	CL65-0410
Joint Shaft	VZ18X-0120	58 End Cover	VZ18-0470B
15 Push Spring	VZ18PS-0591	59 Carbon Brush	VZ18-0480B
16 Spring Holder	VZ18-0150	60 Carbon Brush Cap	VZ18-0490
17 Torque Adjusting Spring 3.0 φ (Black) -1812	VZ30-0160		
Torque Adjusting Spring 2.6 φ (Silver) -3007	VZ18-0160	Circuit Assembly 29, 62, 63, 66	VZ18-3551C
Clutch Panel Set 18-20a, 22-23	VZ18-3220	61A Condenser A	VZ18-0501
18 Thrust Washer Set Ring	VZ18-0170	61B Condenser B	VZ18-0511
19 Thrust Washer	VZ18-0180	For/Rev Switch Assembly 62, 63	VZ18-3520B
20a Steel Ball 2.5 φ	BALL-025	62 For/Rev Switch	-----
20b Steel Ball 2.5 φ	BALL-025	63 Noise Filter (Surge Absorber)	-----
21 Clutch Panel Spring (VZ-1812)	VZ18-0200		
Clutch Panel Spring (VZ-3007)	VZ30-0200	66 P.C.B. Assembly (Includes Circuit Assy)	-----
22 Clutch Panel Cover	VZ18-0210	67 Switch Plate	VZ18-0740U
23 Clutch Panel	VZ18-0220	68 Body Case A & B	VZ18PS-0562B
24 Cam	VZ18-0241	69 Push Lever	VZ18PS-0570
25 Steel Ball 4.5 φ	BALL-045	70 Lever Shaft 2X18.8	VZ18-0580
26 Ball Guide	VZ18-0262	71 Push Lever Spring	VZ18PS-0670
27 Thrust	VZ18-0270	72 Pivot	VZ18PS-0660
28 Gear Case	VZ18-0280	73 Caution Seal	VZ18-0601BCCC
29 Switch Protector	VZ18-0290	74 Name Plate B (Model No. Seal)	VZ1812PS-0610BCCC
30 Limit Switch	CL4-0230	Name Plate B (Model No. Seal)	VZ3007PS-0610BCCC
31 Set Screw 3x6	SPW30X060	75 Set Screw 3.5x12	BOHD5F35120NITP
32 Ground Connector	-----		
33 Center Pin 2x7L.9	VZ18PS-0690	76 Hanger	CL65-0651
34 Lower Planet Cage	VZ30-0360	77 End Ring (Green)	VZ18-0641B
35 Planet Gear 10.8/1	VZ30-0370	78 A.C. CORD 220V CCC Plug-S	VZ18-0651S
36 Thrust Washer	CL4-0290		
37 Plate B	VZ30-0390		
38 Upper Planet Cage	VZ30-0400		
39 Pinion Gear 10.8/1	VZ30-0410		

* HIOS Shank possible to produce only Model VZ-1812