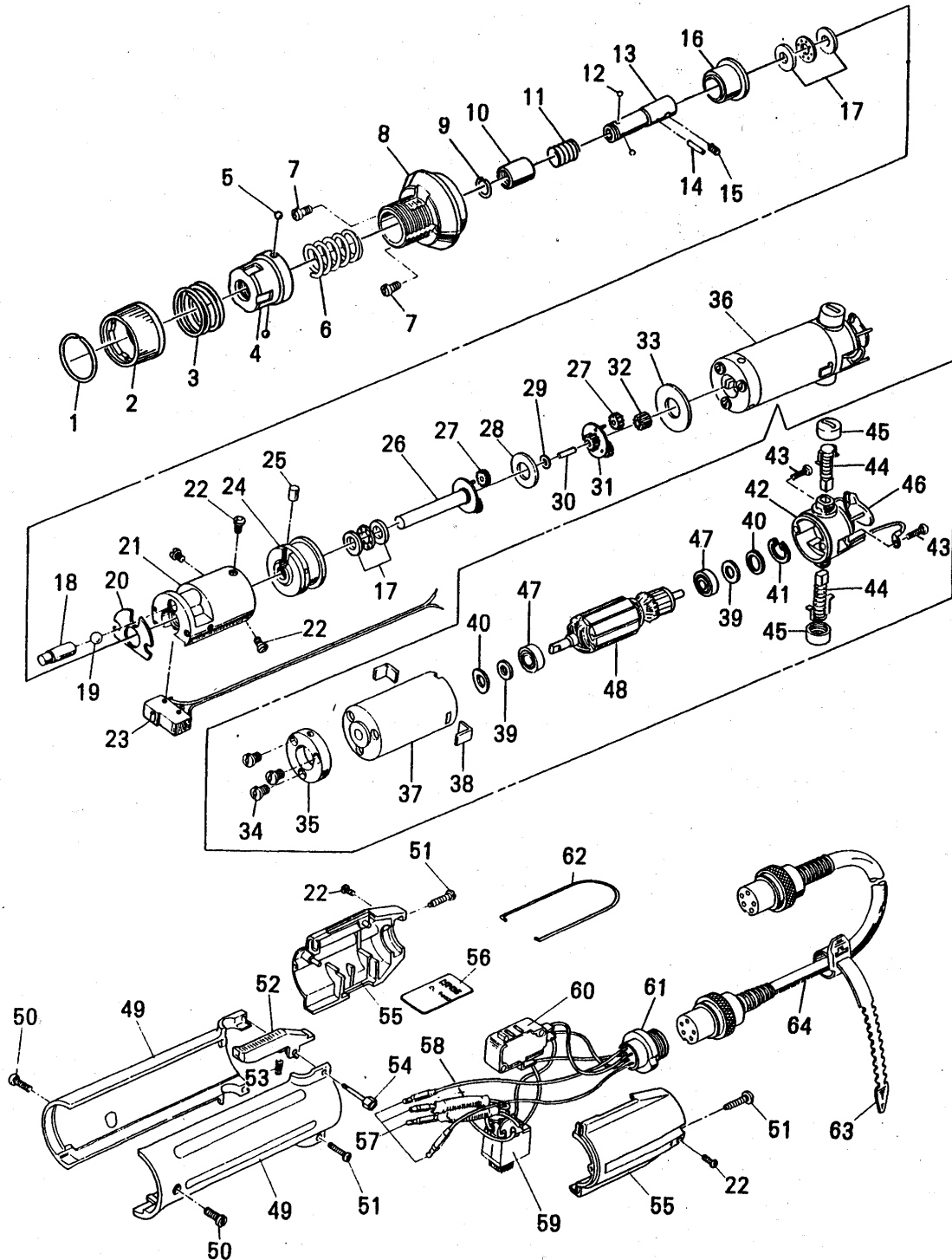


A4500X

Rev 1.0



A4500X

Ref#	Part Name	Part#	Ref#	Part Name	Part#
	Transmission Assembly 1 – 33 (w/o 23)	41-A45X-TM	33	Grease Seal	41-A45-0330
	Torque Adjusting Nut Assembly 1 – 5	41-CL4-NT	34	Phil Pan Head Screw 3x5 (x3)	220208
1	Nut Cover Stopper	41-CL4-0010	35	Motor Front Panel	41-CL4-0350
2	Nut Cover	41-CL4-0020	36	Motor	41-A45-0360
3	Nut Cover Spring	41-CL4-0030	37	Magnet Case Alpha 4500	41-A45-MAGNET
4	Torque Adjusting Nut	41-CL4-0040	39	Rotor Adjusting Washer 0.1	41-CL4-0380-1
5	Steel Ball 3.0 (x2)	220058		Rotor Adjusting Washer 0.2	41-CL4-0380-2
6	Torque Adjusting Spring 1.8 Dia. White	41-A45-0060	40	Wave Washer	41-CL4-0370
7	Phil Pan Head Screw 2.6x10 (x2)	220204	41	Stop Ring	41-CL4-0390
8	Torque Adjusting Bolt	41-CL4-0080		Motor End Cover Assembly 42 – 47	41-A45-3400
	Joint Shaft Assembly 9 – 13	41-A45X-JS	42	Motor End Cover	41-A45-0400
9	Collar Stopper	41-CL4X-0090	43	Self Tap JIS Screw 1.7x10 (x2)	220200
10	Joint Shaft Collar	41-CL4X-0100	44	Carbon Brush	41-A45-0420
11	Collar Spring	41-CL4X-0110	45	Carbon Brush Cap	41-A45-0430
12	Steel Ball 1.5	220052	46	Noise Filter A	41-A45-0440
13	Joint Shaft	41-A45X-0130	47	Motor Bearing	41-A45-0450
14	Joint Shaft Lock Pin 2x9	41-SR20X090	48	Rotor	41-A45-0460
15	Skt. Set Cup Pt. Screw 3x3	220100	49	Body Case A & B	41-A45-0470
16	Clutch Supporter	41-CL4-0160	50	Phil Pan Head Screw 2.6x6 (x2)	220205
	Gear Assembly 17 – 33 (w/o 23)	41-A45-GR	51	Phil Pan Head Screw 2.6x12 (x3)	220210
17	Thrust Bearing 6x11 (x2)	41-A45-0170	52	Switch Lever	41-A45-0500
18	Clutch Ball Rod	41-A45-0180	53	Switch Lever Spring	41-CL4-0510
19	Steel Ball 5.0	220066	54	Q12EW, Lever HSG 3x18.5	220211
20	Gear Case Plate	41-CL4-0200		Switch Assembly 22, 55 - 62	41-A45-SW
21	Gear Case	41-A45-0210	55	Switch Cover A & B	41-A45-0530
22	Phil Pan Head Screw 2.6x5 (x5)	220217	56	Name Plate	41-A45-0540
23	Limit Switch	41-CL4-0230	57	Terminal Holder	41-CL4-0550
24	Internal Gear	41-A45-0240	58	Noise Filter B (x2)	41-A45-0630
25	Cam Roller	41-A45-0250	59	For/Rev Switch	41-CL4-0560
26	Lower Planet Cage	41-A45-0260	60	Starting Switch	41-CL4-0570
27	Planet Gear (x6)	41-A45-0270	61	5-Pin Connector	41-CL4-0580
28	Gear Plate	41-A45-0640	62	Hanger	41-CL4-0590
29	Gear Washer	41-CL4-0290	63	Free-Up Belt	41-CL4-0600
30	Center Pin	41-A45-0300	64	5-Core Cord w/connector in both ends	41-CL4-0610
31	Upper Planet Cage	41-A45-0310			
32	Pinion Gear	41-A45-0320			