

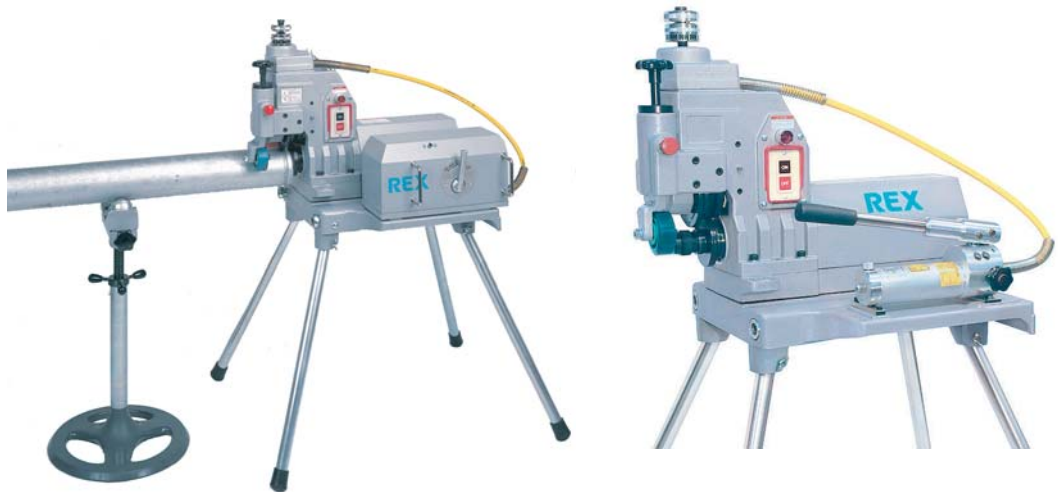
REX Electric grooving series

LIGHT GROOVE

150DX

Parts List

As of October 2008

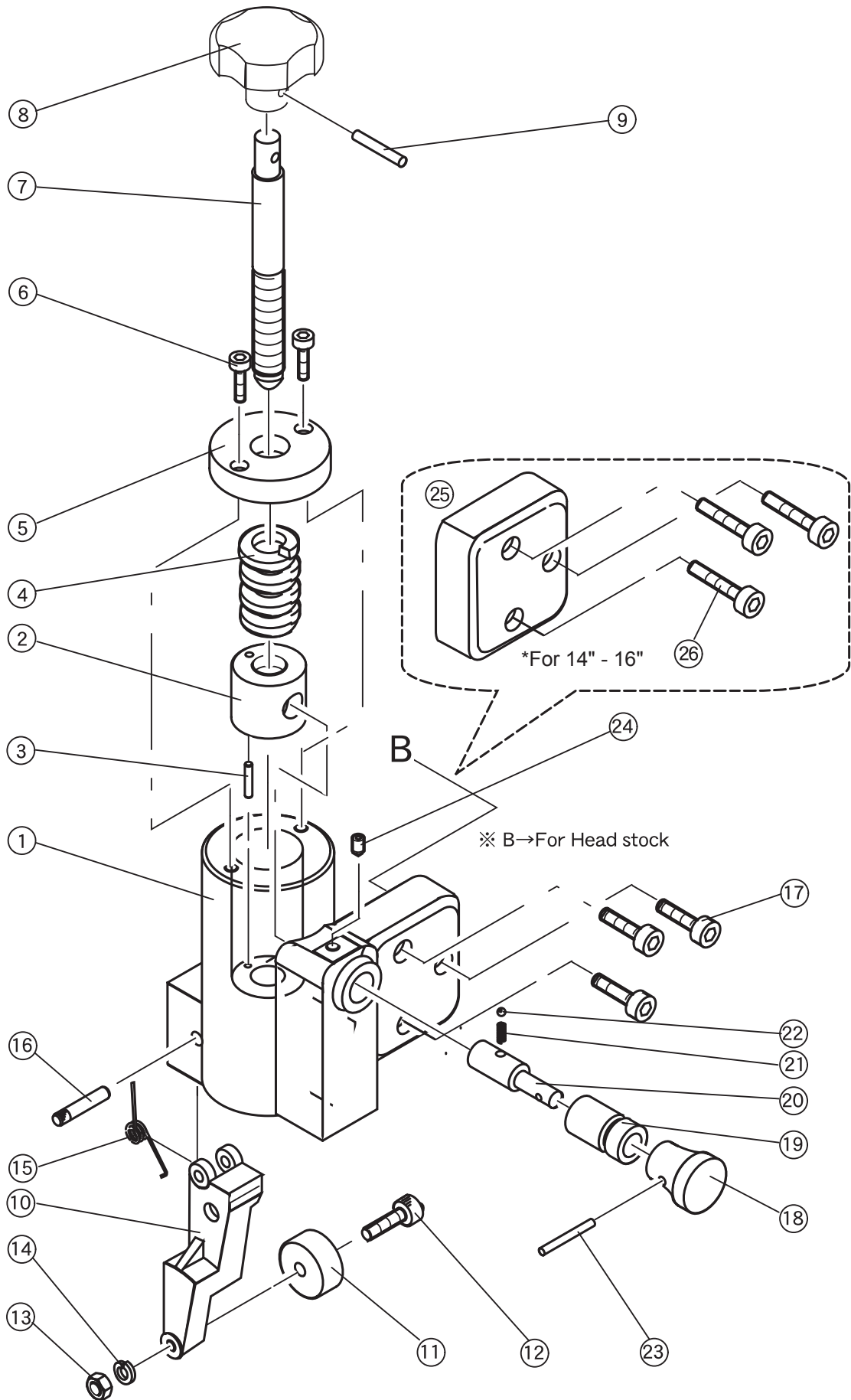


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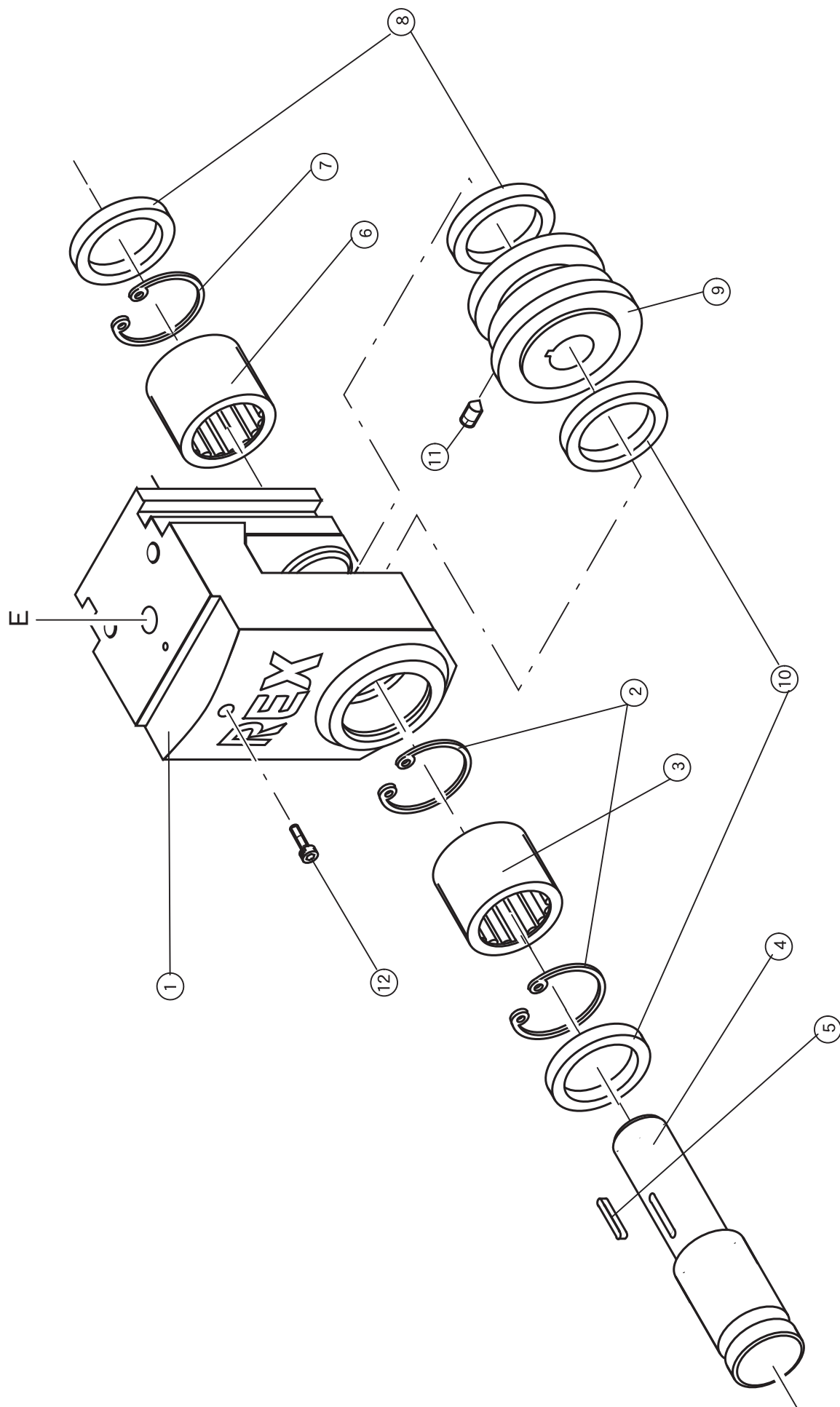
1. Guide roller
2. Roller support
3. Main shaft-Switch
4. Head stock
5. Base
6. Automatic pump
/Hand pump (Old type)
7. Hand pump (New type)

REX

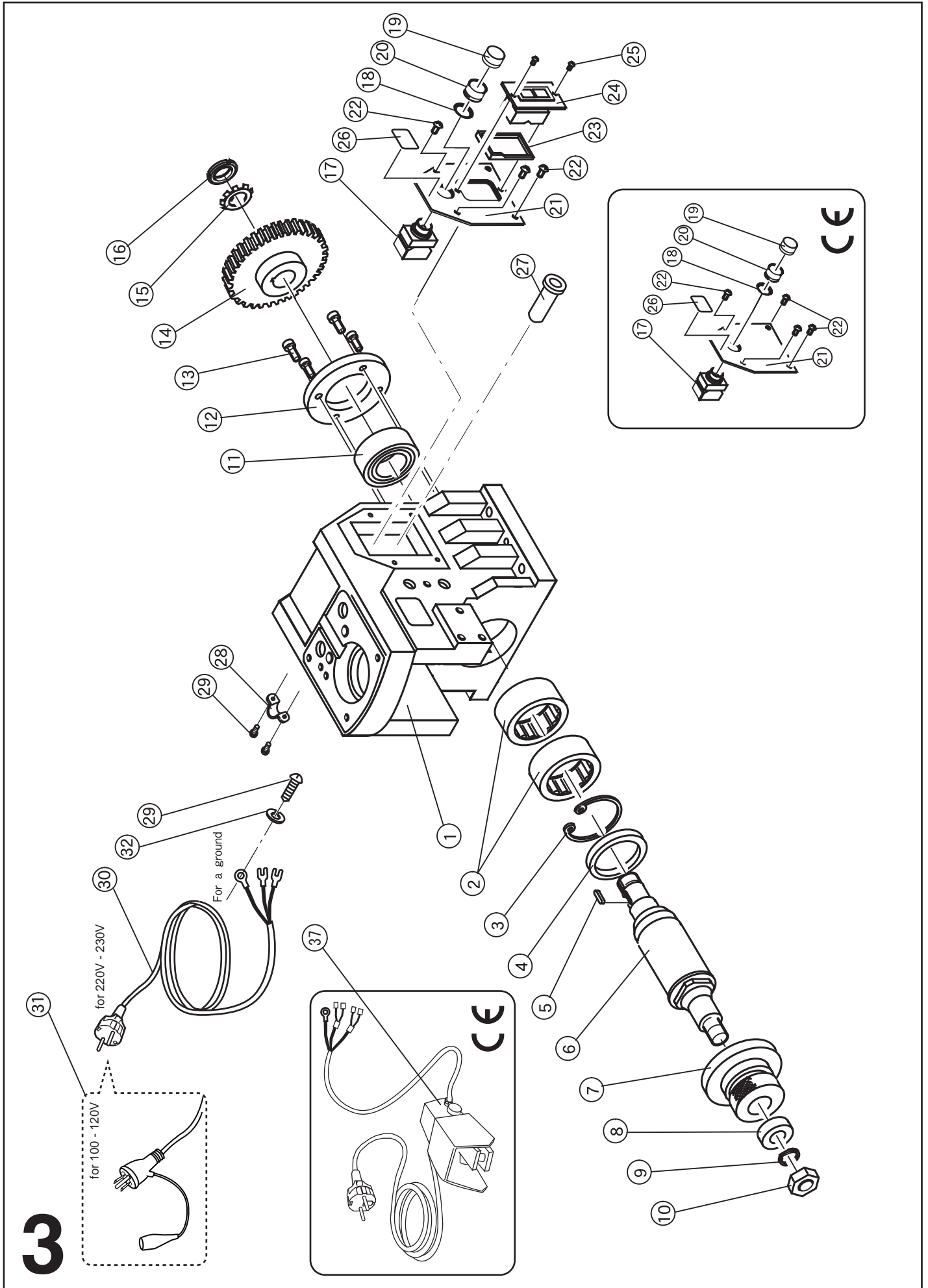
LightGroove150DX 「Guide roller」



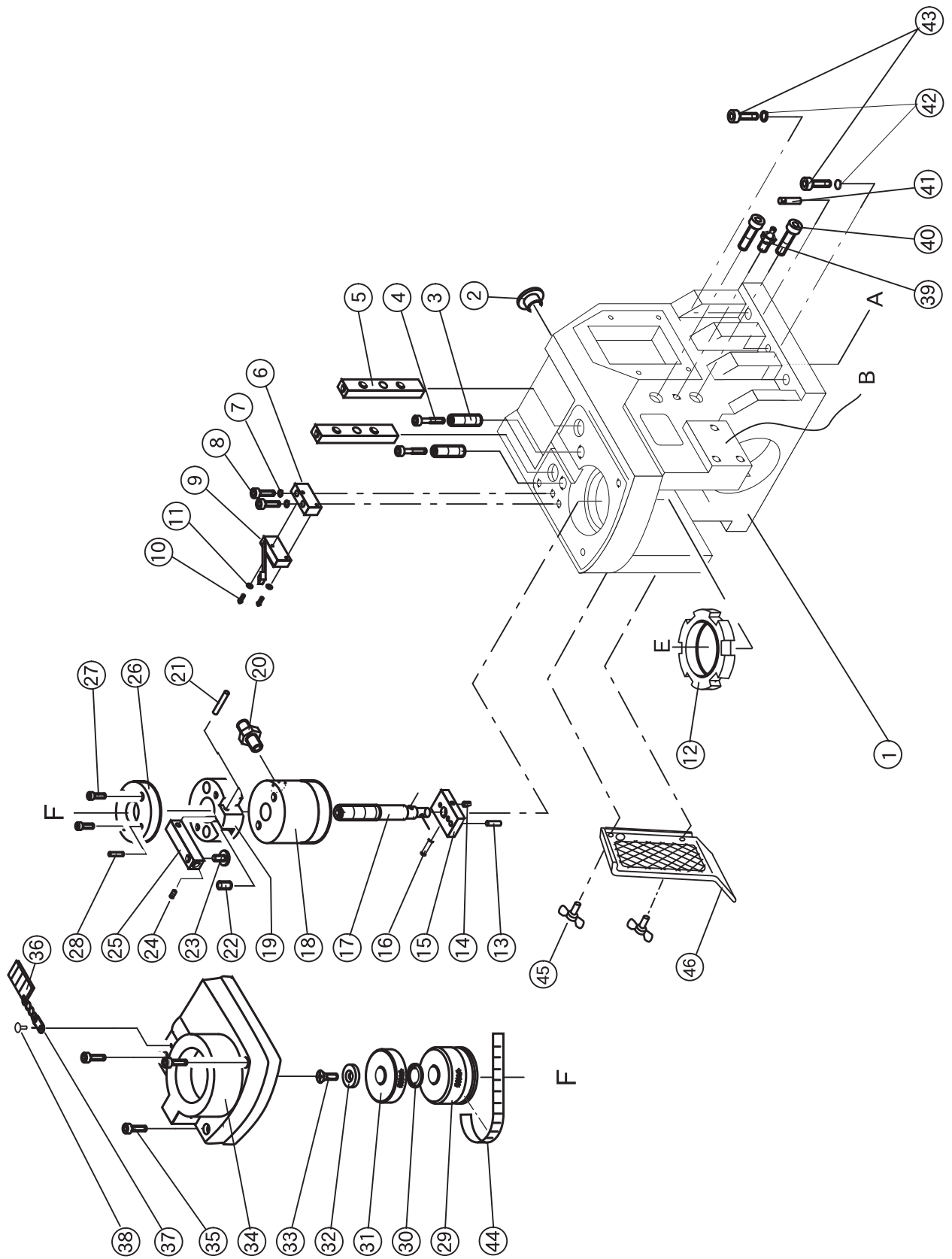
Light Groove 150DX 「Roller support」



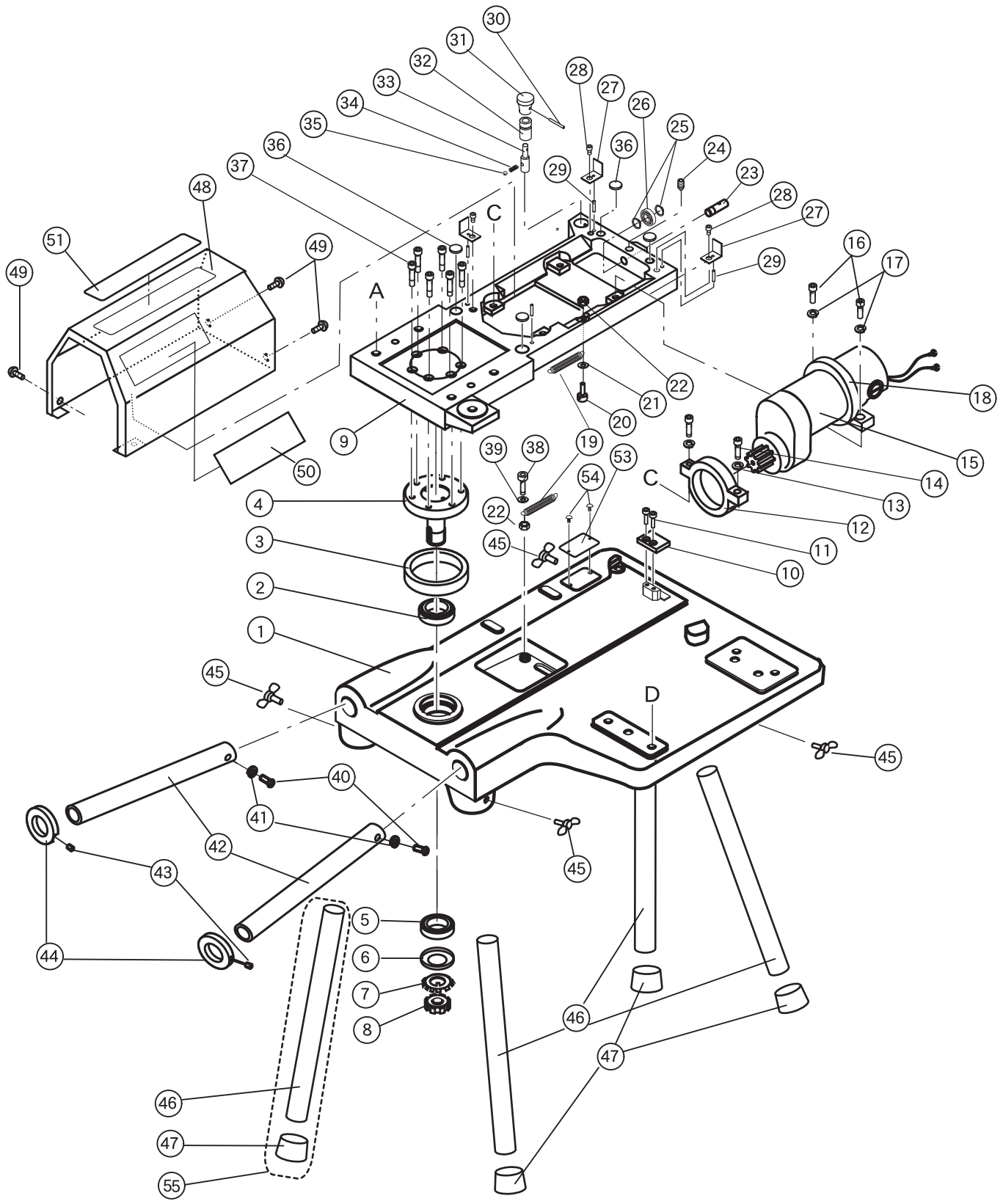
Light Groove 150DX 「Main shaft・ Switch」



Light Groove 150DX 「Head stock」



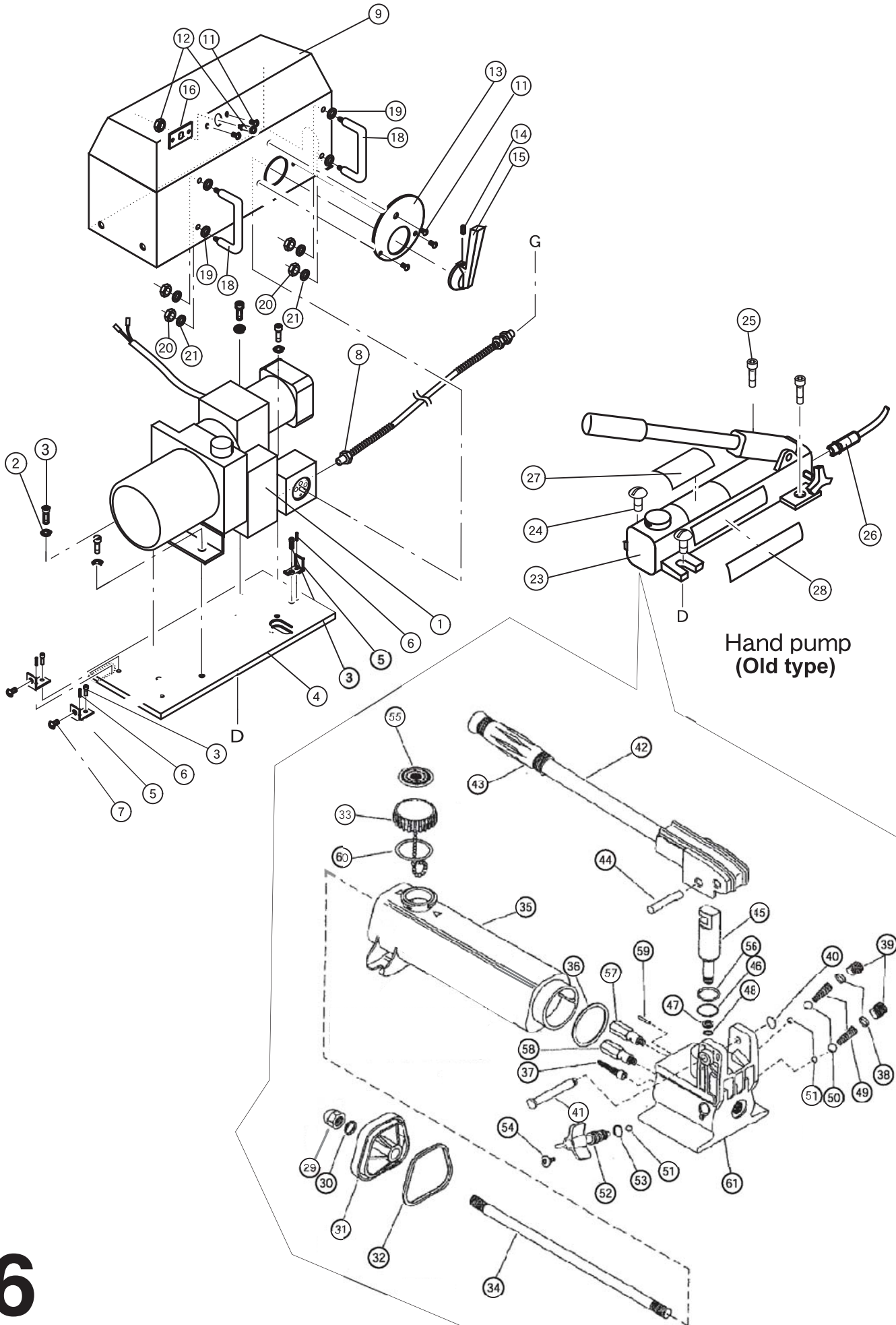
Light Groove 150DX 「Base」



5

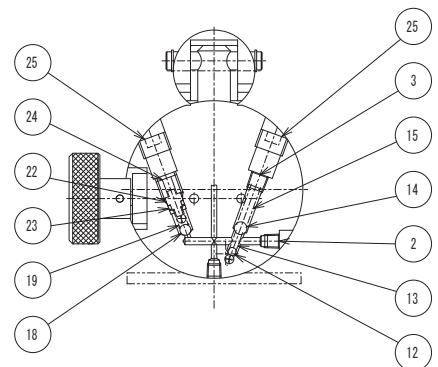
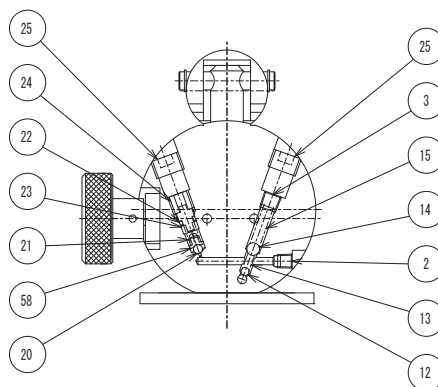
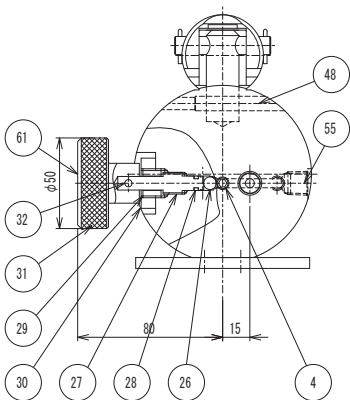
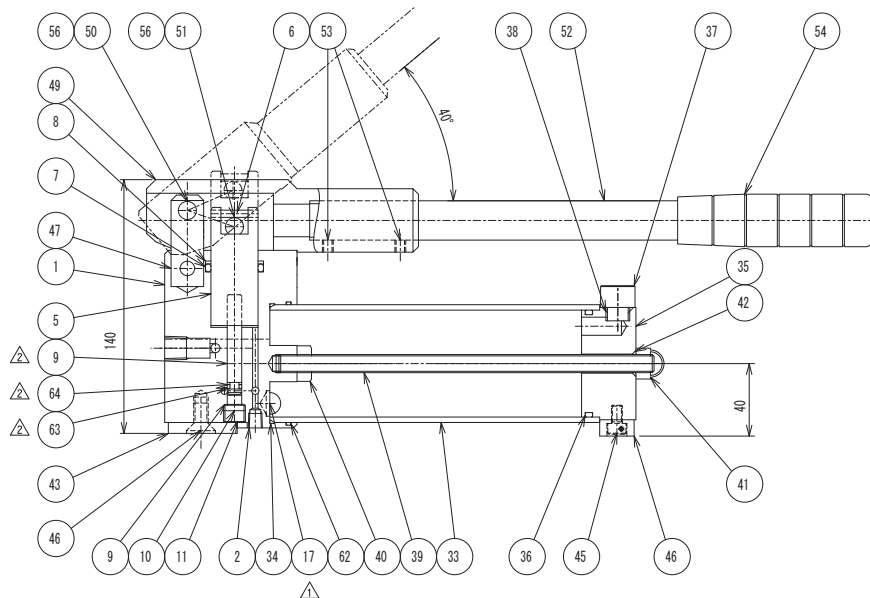
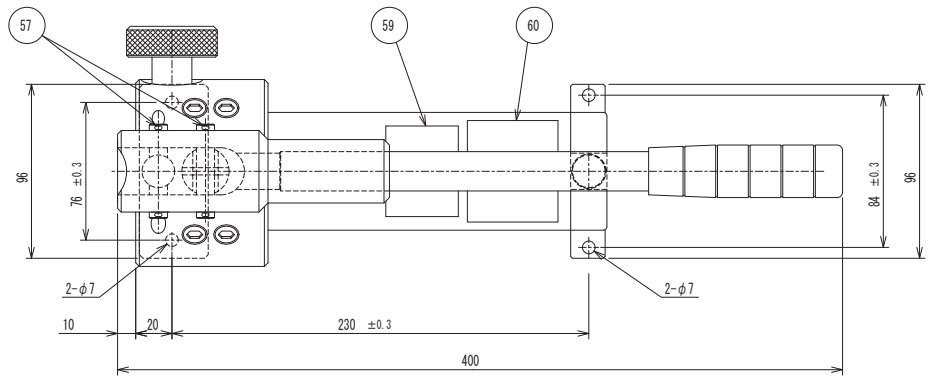
Light Groove 150DX 「Pump」

Automatic pump



Light Groove 150DX 「Pump」

Hand pump (New type)



High pressure part cross section

Low pressure part cross section

LIGHT GROOVE 150DX -1 (Guide roller)

No.	CE	Parts No.	Parts Name.	Set
1		RJ06	Roller guide	1
2		RJ33	Slide nut	1
3		WL46	Spring pin (M4x20)	1
4		RJA3	Slide nut spring	1
5		RJ34	Roller guide cap	1
6		W065	Socket head cap screw (M6x30)	2
7		RJ32	Roller feed screw	1
8		RJ92	Knob	1
9		WL54	Spring pin (M5x20)	1
10		RJ07	Roller holder	1
11		RX77	Roller	1
12		W00A	Socket head cap screw (M10x65)	1
13		WC10	Hexagon nut (M10)	1
14		WG10	Spring washer (M10)	1
15		RJ36	Kick spring	1
16		RJ35	Roller holder pin	1
17		W08F	Socket head cap screw (M8x30)	3
18		RJ41	Lock pin knob	1
19		RJ39	Lock pin guide B	1
20		RJ40	Lock pin B	1
21		H061	Notch spring	1
22		WQ04	Steel ball	1
23		WL36	Spring pin (M3x18)	1
24		W662	Socket set screw (cone) (M6x8)	1
25		RJLA	Roller guide spacer For 14 - 16"	1
26		W086	Socket head cap screw (For No.25/14 - 16") (M8x50)	3
27		-	Guide Roller Assembly No.1-24	1

150DX -2 (Roller support)

No.	CE	Parts No.	Parts Name.	Set
1		RJ04	Roller support	1
2		WZ52	Snap ring	(1RTW52) 2
3		RJ52	Needle bearing	(RNA6932) 1
4		RJ10	Roller shaft	1
5		RJ20	Roller key	1
6		RJ53	Needle bearing	(RNA5928) 1
7		WZ45	Snap ring	(1RTW45) 1
8		RJ58	Oil seal	(AF1876E0) 2
9		RJL1	Upper roller2-6 EX	1
9		RJC1	Upper roller8-12 EX	1
9		RJF2	Upper roller1-1.1/2 EX	1
10		RJ57	Oil seal	(AF2340F0) 2
11		W695	Socket head cap screw (cone p)	(M10x15) 1
12		W065	Socket head cap screw	(M6x30) 1

150DX -3 (Main shaft - switch)

No.	CE	Parts No.	Parts Name.	Set
1		RJ03	Head stock	1
2		RJ51	Needle bearing	(RNA6911) 2
3		WX80	Retaining ring C type	(M80) 1
4		RJ56	Oil seal	(DS63807) 1
5		RJ62	Main shaft key	1
6		RJ08	Main shaft	1
7		RJL2	Under roller 2-6 EX	1
7		RJC2	Under roller 8-12 EX	1
7		RN49	Under roller 10-12 EX	1
7		RJF3	Under roller 1-1.1/2 EX	1
8		RJ96	Roller washer	1
9		WG20	Spring washer	(20) 1
10		WC20	Hexagon nut	(M20) 1
11		RJ54	Ball bearing	(5208CZZ) 1
12		RJ42	Bearing plate	1
13		W080	Socket head cap screw	(M8x15) 4
14		RJ16	Main shaft gear	1
15		RJE3	Bearing washer	(AW06) 1
16		RJE2	Bearing nut	(AN06) 1
17		RJ60	Pilot lamp 100-120V	1
		RJK4	Pilot lamp 220-230V	
18			-Packing	1
19			-Collar cap	1
20		RJA4	Collar ring	1
21	×	RJ46	Switch plate	1
38	○	RJK2	Switch plate	1
22		W556	Truss head screw	(M5x10) 4
23	×	RY33	Switch packing	1
24	×	RX46	Switch	1
25	×	W4A4	Oval head bolt	(M4x12) 2
26		7A11	Lamp sticker	1
27		7021	Code bush	1
28		7098	Binder	1
29		W241	Round head machine screw	(M4x8) 3
30		N122	Capyre cord	(for 220-230V) 1
31		F153	Capyre cord	(for 100-120V) 1
32		WG04	Spring washer	(M4) 1
37	○	FSW1	Foot Switch	1

150DX -4 (Head stock)

No.	CE	Parts No.	Parts Name.	Set
1		RJ03	Head stock	1
2		9064	Base stopper	1
3		RJ64	Return spring	2
4		W011	Socket head cap screw	(M10x110) 2
5		RJ09	Slide key	2
6		RJ28	Limit plate	1
7		WG06	Spring washer	(M6) 2
8		W065	Socket head cap screw	(M6x30) 2
9		RJ59	Limit switch	1
10		W237	Round head machine screw	(M3x15) 2
11		WG03	Spring washer	(M3) 2
12		RJ15	Cylinder nut	1
13		WL44	Spring pin	(M4x16) 1
14		W753	Socket set screw(cup p)	(M5x8) 2
15		RJ12	Joint plate	1
16		WL57	Spring pin	(M5x35) 1
17		RJ11	Cylinder shaft	1
18		RJ49	Cylinder	1
19		RJ26	Lever holder	1
20		RJ77	Coupling	(FZS-2N) 1
21		4072	Frame stop pin	1
22		RJ79	Lever spring	1
23		RJ30	Bush bolt	1
24		W990	Socket set screw	(M5x8,SBCP5-8) 1
25		RJ27	Switch lever	1
26		RJ25	Cylinder plate	1
27		W062	Socket head cap screw	(M6x16) 2
28		RJ68	Bush pin	1
29		RJ13	Stopper nut	1
30		WH20	Wave washer	(M20) 1
31		RJ17	Lock nut	1
32		RJ99	Adjustment washer	1
33		W357	Flat head screw	(M8x12) 1
34		RJ05	Cylinder case	1
35		W068	Socket head cap screw	(M6x45) 3
36		RJ47	Spacer	<small>RJ47 341125 only delivered as product</small> 1
37		4202	Chain stop washer	Parts No.4202 1
38		W4A8	Oval head cap screw	(M4x6) 1
39		RJ69	Grease nipple	2
40		W065	Socket head cap screw	(M6x30) 4
41		RJ29	Gauge pin	2
42		WG10	Spring washer	(M10) 4
43		W004	socket head cap screw	(M10x40) 4
44		6A63	Size sticker	1
45		WA67	Wing screw	2
46		RJL3	Safety cover	1

150DX -5 (Base)

No.	CE	Parts No.	Parts Name.	Set
1		RJ01	Base	1
2		RJA1	Roller bearing (30208)	1
3		RJ31	Dust sponge	1
4		RJ14	Rotation shaft	1
5		RJA2	Roller bearing (30207)	1
6		RJ61	Ring	1
7		RJE4	Bearing washer (AW07/Black)	1
8		RJE1	Bearing nut (AN07)	1
9		RJ02	Circular base	1
10		RJ22	Bearing guide	1
11		W080	Socket head cap screw (M8x15)	2
12		RJ18	Motor flange	1
13		WG08	Spring washer (M8)	2
14		W084	Socket head cap screw (M8x35)	2
15		RJ48	Motor 100V-120V	1
		RJK3	Motor 220V-230V	
16		W083	Socket head cap screw (M8x25)	2
17		WG08	Spring washer (M8)	2
18		RJ21	Silencer sponge	1
19		RJ65	Base spring (H16-03)	1
20		W063	Socket head cap screw (M6x20)	1
21		WI81	Plain washer (M8)	1
22		WC06	Hexagon nut (M6)	2
23		RJ24	Bearing pin	1
24		W665	Socket set screw (cone p) (M6x15)	1
25		WW12	Retaining ring C type (12)	2
26		I202	Ball bearing (6201ZZ)	1
27		RJ23	Cover fixed plate	3
28		W060	Socket head cap screw (M6x10)	3
29		WL34	Spring pin (M3x12)	4
30		WL36	Spring pin (M3x18)	1
31		RJ41	Lock pin knob	1
32		RJ37	Lock pin guide A	1
33		RJ38	Lock pin A	1
34		H061	Notch spring	1
35		WQ04	Steel ball (M4)	2
36		RJ95	Rubber washer	4
37		W083	Socket head cap screw (M8x25)	6
38		W065	Socket head cap screw (M6x30)	1
39		WI62	Plain washer (M6)	1
40		W251	Round head machine screw (M5x8)	2
41		WG05	Spring washer (M5)	2
42		RJ44	Handle	2
43		W752	Socket set screw (cup p) (M5x6)	2
44		RJ45	Handle knob	2
45		RJ76	Wing bolt (cone plate) (M8x30)	4
46		N121	Pipe stand	4
47		N125	Lag cap	4
48		RJ19	Motor cover	1
49		W567	Truss head screw (M6x12)	3
50		RJD7	REX sticker	1
51		7A09	Warning and Instruction sticker	1
53	×	RJM3	Name plate 220V	1
53	×	RJM4	Name plate 110V	1
53	○	RJM1	Name plate CE-230V	1
53	○	RJM2	Name plate CE-110V	1
54		WN34	Rivet (M4x5)	4
55		N121C	Pipe stand(N121) with Lag cap (N125)	1pcs/set
56		RJD1	Tool Box T-360	1

150DX -6 (Pump)-1

No.	CE	Parts No.	Parts Name.	Set
			(AUTOMATIC PUMP)	
1		RJB1	Automatic pump (50Hz /100-110V)	1
1		RJB8	Automatic pump (60Hz /100-110V)	1
1		RJK6	Automatic pump (50Hz /220V)	1
2		WG06	Spring washer (M6)	4
3		W062	Socket head cap screw (M6x16)	7
4		RJK7	Pump base	1
5		RJ23	Cover fixed plate	3
6		WL34	Spring pin (3x12)	3
7		W567	Truss head screw (M6x12)	2
8		RX32	Pressure oil hose	1
9		RJK8	Pump cover	1
11		W541	Truss head screw (M4x5)	3
12		RJB5	Pilot lamp 100V-120V	1
		RJK9	Pilot lamp 220V-230V	
13		RJB6	Lever plate	1
14		W662	Socket set screw (cone) (M6x8)	1
15		RJW1	Lever handle	1
16		RJB4	Lamp plate	1
18		RJB9	Lever protector	2
19		WI81	Plain washer (M8)	8
20		WC08	Hexagon nut (M8)	4
21		WG08	Spring washer (M8)	4
			(HAND PUMP)	
23		RA73	Pump (P-142)	1
23		RA79	Pump (HP-3RX)	1
24		W567	Truss head screw (M6x12)	2
25		W063	Socket head cap screw (M6x20)	2
26		RX32	Pressure oil hose	1
27		7A12	Pump handle operation seal	1
28		7A13	Name seal	1
29		CL341055	Acorn nut	1
30			Gasket	1
31		CN402020	End cap	1
32		B1138517	Square ring	1
33		CN766950	Vent cap assembly	1
34		CL280149	Tie rod	1
35		CN782025	Reservoir	1
36			Gasket	1
37		CB981018	Filter	1
38			Spring cap	2
39		CN815006	Pipe plug	2
40			Retaining ring	1
41		CR215061	Beam pin	1
42		RP4216	Beam and handle assembly (CL915900)	1
43		RP4217	Handle grip (CL342550)	1
44		RP4218	Cross pin (P20857)	1
45		RP4219	Plunger (CN412040)	1
46		B1018803	O-ring	1
47		B1010564	Back-up washer	1
48		B1010803	O-ring	1

-to be continued-

150DX -6 (Pump)-2

No.	CE	Parts No.	Parts Name.	Set
49			Spring	2
50		B1009016	5/16" Ball	2
51		B1006016	7/32" Ball	3
52		CL913900	Spindle assembly	1
53		B1007503	O-ring	1
54			Truss head machine screw	1
55				
56			Back-up washer	1
57			Bypass valve	1
58			Relief valve	1
59			Spring pin	1
60			Vent cap gasket	1
61		DA5483005	pump base	1

150DX -7 (New Hand Pump)

*A: supplied as an Assembly

No.	CE	Parts No.	Parts Name.	Set
1		NHPLG-1	Pump	A
2		NHPLG-2	Cap PT 1/16	5
3		NHPLG-3	Cap PT 1/8	2
4		NHPLG-4	Low pressure piston	A
5		NHPLG-5	Spring pin	1
6		NHPLG-6	O-ring P-26	1
7		NHPLG-7	Back up ring P-26 Bias	1
8		NHPLG-8	High pressure piston	1
9		NHPLG-9	Copper packing	1
10		NHPLG-10	High pressure cap	1
11		NHPLG-11	Push Screw	1
12		NHPLG-12	Stell ball (5.5)	2
13		NHPLG-13	Spring	2
14		NHPLG-14	Stell ball (7)	2
15		NHPLG-15	Spring	2
16			-	-
17		NHPLG-17	Suction filter	1
18		NHPLG-18	Stell ball (6)	1
19		NHPLG-19	Spring	1
20		NHPLG-20	Stell ball	1
21		NHPLG-21	Spring	1
22		NHPLG-22	Push spring	2
23		NHPLG-23	O-ring P-6	2
24		NHPLG-24	Adjustment screw	2
25		NHPLG-25	Cap screw	4
26		NHPLG-26	Stell ball (5.5)	1
27		NHPLG-27	Valve screw	A
28		NHPLG-28	O-ring P-5	1
29		NHPLG-29	Stopper screw	1
30		NHPLG-30	Lock nut	1
31		NHPLG-31	Handle	A
32		NHPLG-32	Spring pin	1
33		NHPLG-33	Oil tank	A
34		NHPLG-34	O-ring S-63	1
35		NHPLG-35	Tank end cap	A
36		NHPLG-36	O-ring G-55	1
37		NHPLG-37	refueling cap	1
38		NHPLG-38	O-ring P-11	1
39		NHPLG-39	Tank shaft	A
40		NHPLG-40	Lock nut M10	1
41		NHPLG-41	Cap nut M10	1
42		NHPLG-42	O-ring P10	1
43		NHPLG-43	Front stand	A
44		NHPLG-44	Back stand	A
45		NHPLG-45	Installation bolt M6x15 w/Hex socket screw	2
46		NHPLG-46	Installation bolt M8x15 Plate screw	2
47		NHPLG-47	fulcrum post	A
48		NHPLG-48	Parallel pin	1
49		NHPLG-49	Lever holder	A
50		NHPLG-50	Fulcrum pin 1	1
51		NHPLG-51	Fulcrum pin 2	A
52		NHPLG-52	Lever	A
53		NHPLG-53	Lock screw M6x8 Enamel	2
54		NHPLG-54	Grip	1
55		NHPLG-55	Cap PT3/8	A
56		NHPLG-56	Metal bush	4
57		NHPLG-57	Roll pin	1
58		NHPLG-58	Ball retainer	A
59		NHPLG-59	Warining seal	A
60		NHPLG-60	Air valve operation method label	1
61		NHPLG-61	Opening and shutting direction seal	1
62		NHPLG-62	O-ring S-65	1
63		NHPLG-63	O-ring P-5	1
64		NHPLG-64	Back up ring P-5	1