



Part list & exploded view

Shut-off pulse screwdriver DPTS 30 to 200

DOC.60522-09/25

SUMMARY

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IMPORTANT

The tool supplied may have been altered to meet specific needs. If this is the case, when ordering a renewal or spare parts, please indicate the tool item code featured on the delivery document, or contact **DOGA** at **+33 1 30 66 41 41** indicating the approximate delivery date. You will then be sure to get the required tool and/or parts.

WARNING



This document must be kept carefully in a known location that is of easy access to product users.



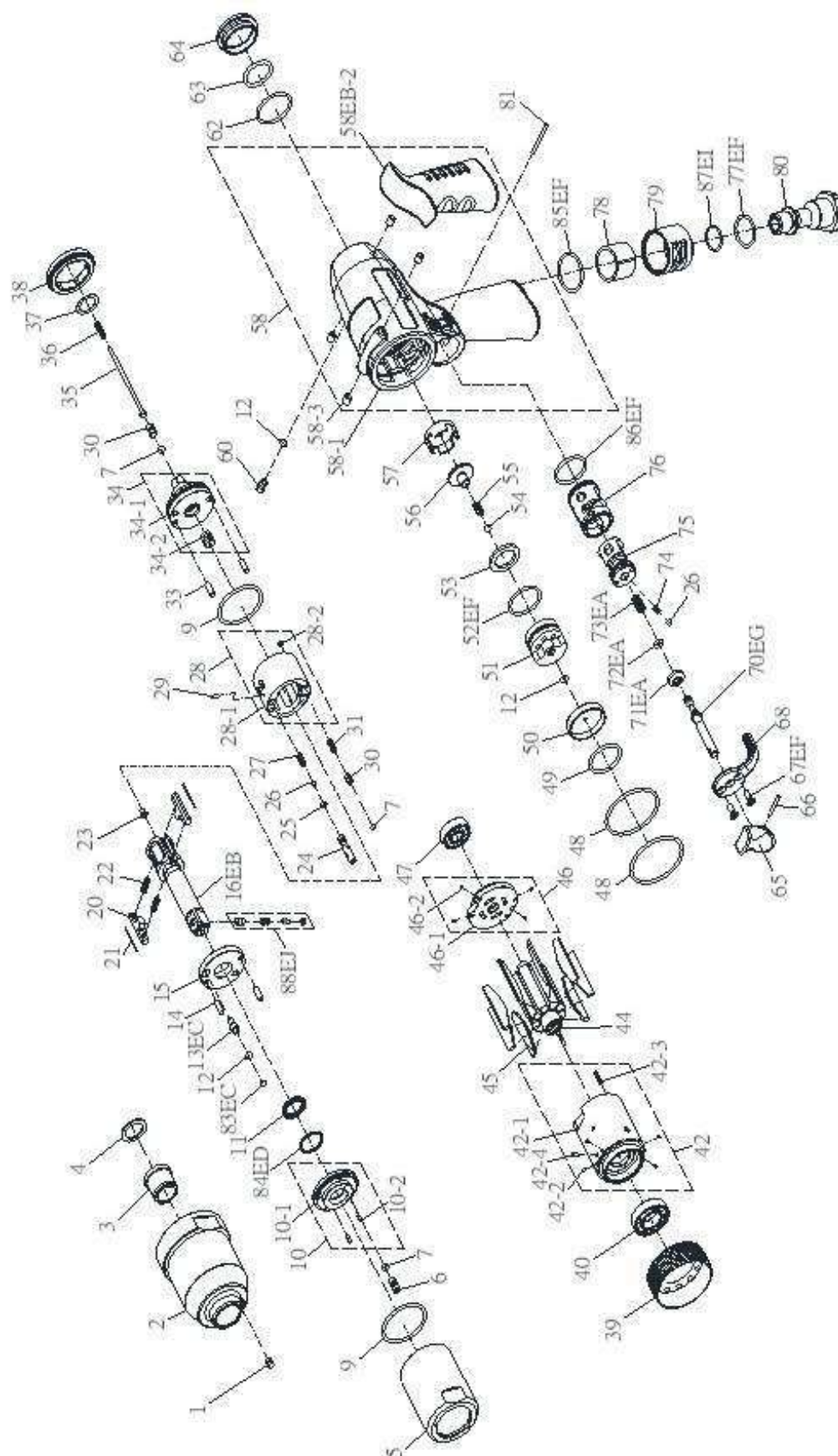
Caution

Read, and require each operator to read this manual before installing, using or repairing the product.

Make absolutely sure that operators have perfectly understood the use rules and the meaning of the eventual symbols placed on the product. Most accidents could be avoided by following the user manual instructions.

These have been drawn up relative to European directives and their amendments as well as with product related standards. In all cases, follow and comply with national safety standards. Do not remove or damage the labels and statements placed on the product, especially those imposed by law.

1. DPTS-30

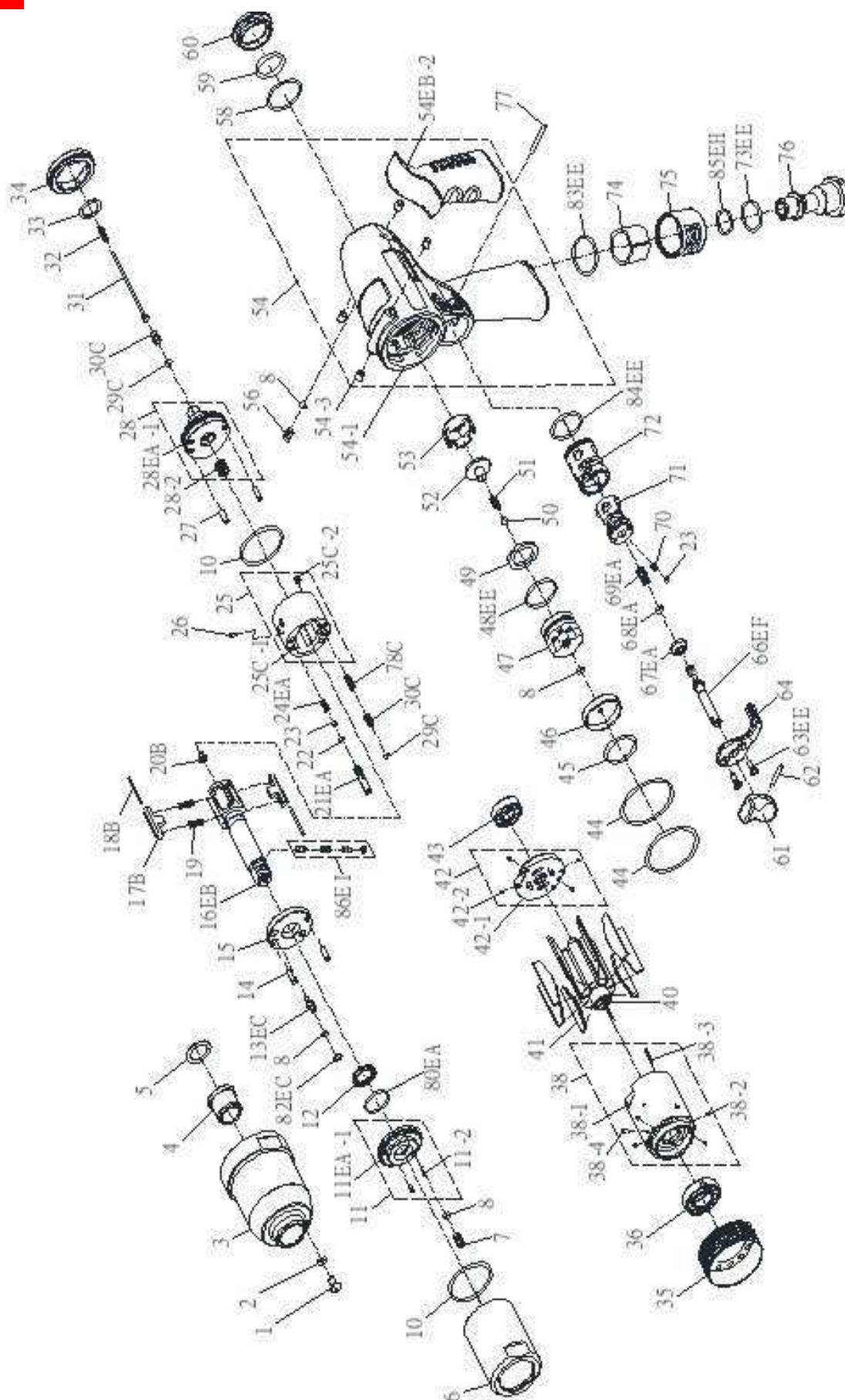


Index	Part No.	Description	Qty	Code
1	00-0610	Set Screw (M5xP0.8x5L)	1	P141283
2	I30S-201	Pulse Unit Housing	1	P141304
3	I40S-202	Bushing	1	P113184
4	I40S-424	Washer	1	P109206
5	I30S-401	Pulse Cylinder Seat	1	P141305
6	I30S-410	Greasing Screw	1	P141306
7	00-41173	O-Ring ($\phi 1.42 \times \phi 1.53$)	3	P103519
9	00-41110	O-Ring ($\phi 24 \times \phi 1.5$)	2	P141285
10	420-SW30-283-0403-10	Front Cover, Compl.	1	#N/A
10-1	I30S-403	Front Cover	1	P141307
10-2	00-3318	Spring Pin ($\phi 1.6 \times 5$)	2	P141286
11	00-2604	X-Ring ($\phi 9.2 \times \phi 14.44 \times \phi 2.62$)	1	P113623
12	00-41113	O-Ring ($\phi 2 \times \phi 1.5$)	3	P103872
13EC	I80-411	Valve Screw	1	P113827
14	00-3435	Pin ($\phi 3 \times 9$)	2	P141287
15	I30S-408	Front Plate	1	P141308
16EB	I30-405-B	Anvil	1	P141309
20	I30S-406-B	Drive Blade	2	P141311
21	I40S-452	Roller	2	P141310
22	I30S-407	Spring	2	P141312
23	IS40-450	Block Valve	1	P105819
24	IS40S-412-C	Valve	1	P141313
25	00-41130	O-Ring ($\phi 2 \times \phi 1$)	1	P141264
26	00-3813	Steel Ball (1/8")	2	P103896
27	IS30S-425	Spring	1	P141314
28	420-SW30-283-0404-11	Pulse Cylinder, Compl.	1	#N/A
28-1	I30S-404-B	Pulse Cylinder	1	P141316
28-2	I40S-454	Block Cap	1	P113408
29	00-3436	Pin ($\phi 1.5 \times 5$)	1	#N/A
30	IS40S-421	Pressure Valve	2	P113286
31	I40S-453	Spring	1	P141315
33	00-3407	Pin ($\phi 3 \times 5$)	2	P141672
34	420-SW30-183-0415-12	Rear Plate, Compl.	1	#N/A
34-1	IS30S-415@	Rear Plate	1	#N/A
34-2	IS40S-420-B	Block Cover	1	#N/A
35	IS40-314	Shut Off Stem	1	P105802
36	IS40S-317	Spring	1	P113390

Index	Part No.	Description	Qty	Code
37	I40S-423	Washer	1	P203842
38	I30S-402	Lock Nut	1	P141318
39	I40S-306	Lock Nut	1	P141319
40	00-2348	Ball Bearing (6901ZZ)	1	P107182
42	420-PW40-283-0302-10	Cylinder, Compl.	1	#N/A
42-1	I40-302	Cylinder	1	P141302
42-2	I40S-318	Block	4	#N/A
42-3	00-3356	Spring Pin ($\phi 2 \times 8$)	1	P141270
42-4	00-3324	Spring Pin ($\phi 2 \times 5$)	1	P141400
44	I40S-303	Rotor	1	P141321
45	I40S-304	Rotor Blade	9	P141322
46	420-PW40-283-0305-10	Rear Plate, Compl.	1	#N/A
46-1	I40-305	Rear Plate	1	P141573
46-2	I40S-318	Block	4	#N/A
※	IS30-400ASM	Pulse unit : Index No- 5,6,7(3),9(2),10,11,12,13EC,14(2),15,16EB,20(2),21(2), 22(2),23,24,25,26,27,28,29,30(2),31,33(2),34,38,83EC,84ED		P141493
47	00-2356	Ball Bearing (607ZZ)	1	P107174
48	00-41144	O-Ring ($\phi 33.05 \times \phi 1.78$)	2	P113810
49	00-41135	O-Ring ($\phi 18.77 \times \phi 1.78$)	1	P113633
50	IS40-307	Rear Cover	1	P141333
51	IS40-524	Valve Seat	1	P141334
52EF	00-41145	O-Ring ($\phi 18 \times \phi 1.5$)	1	P109178
53	IS40S-312	Valve Washer	1	P141371
54	00-3824	Steel Ball ($\phi 4$)	1	P113597
55	IS40S-313	Spring	1	P141410
56	IS40S-311	Valve	1	P141411
57	IS40-518	Seat	1	P141372
58	420-PW40-183-0101-10	Motor Housing, Compl.	1	#N/A
58-1	IS40-101	Motor Housing	1	P141303
58EB-2	I60-103	Housing Rubber	1	P141377
58-3	I40S-108	Bushing	4	P205111
60	IS100-609	Screw	1	P113182
62	00-41146	O-Ring ($\phi 21 \times \phi 1.5$)	1	P141891
63	00-4169	O-Ring ($\phi 16 \times \phi 2$)	1	P141175
64	I40-104	Nut	1	P141374
65	I40-504	Trigger	1	P103892
66	00-3354	Spring Pin ($\phi 2 \times 14$)	1	P106985
67EF	00-0512	Flat Head Screw (M3 $\times$ 8L)	2	P113583

Index	Part No.	Description	Qty	Code
68	I100-503	Regulator Knob	1	P109194
70EG	IS40-505D	Valve Stem	1	P102318
71EA	I100-508B	Bushing	1	P104335
72EA	00-41199	O-Ring ($\phi 1.8 \times \phi 1.9$)	1	P104998
73EA	I40-507B	Spring	1	P105806
74	I100-506	Spring	1	P104996
75	IS40-502	F/R Valve	1	P105814
76	I40-501	Valve Sleeve	1	P105868
77EF	00-4121	O-Ring ($\phi 15 \times \phi 1.5$)	1	P142059
78	I40-601	Muffler	1	P102916
79	I40-603	Exhaust Deflector	1	P141375
80	I40-604A	Air Inlet 1/4"-19PF	1	P141926
	I40-604B	Air Inlet 1/4"-19PT		#N/A
	I40-604C	Air Inlet 1/4"-18NPT		#N/A
81	I100-511	Pin	1	P113154
83EC	I80-422	Back Up Ring	1	P104995
84ED	I30S-409	Back Up Ring	1	P113629
85EF	00-41244	O-Ring ($\phi 19 \times \phi 1.5$)	1	P141895
86EF	00-41117	O-Ring ($\phi 15.5 \times \phi 1.5$)	1	P141275
87EI	00-4157	O-Ring ($\phi 10 \times \phi 1.5$)	1	#N/A
88EJ	32055-WRBA-03	Pin Assembly	1	P180490
※	IS30SK-DO	Service kit :Index No- 6; 7(3); 9(2); 11; 12; 13EC; 22(2); 23; 31; 83EC; 84ED		P109073
※	IS30RK-DO	Repair kit :Index No- 15; 20(2); 21(2); 34; 45(9); 55; 71EA; 72EA; 73EA		P109075
※	01-0507B	Impulse Oil (1000c.c)		P141084
※	01-0508B	Impulse Oil (100c.c)		P141085

2. DPTS-40

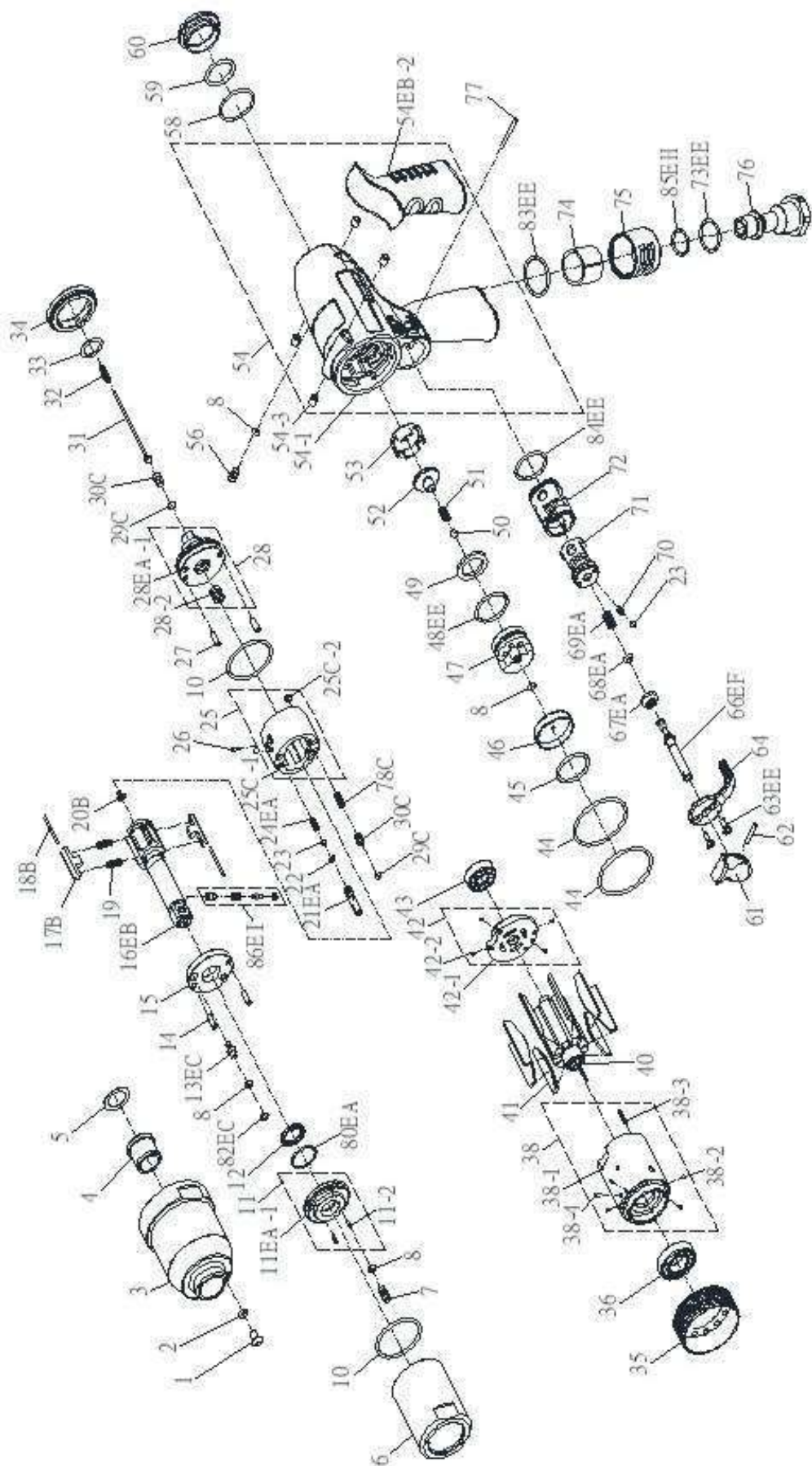


Index	Part No.	Description	Qty	Code
1	I100-410	Greasing Screw	1	P108938
2	00-4153	O-Ring ($\phi 3 \times \phi 1.5$)	1	P107168
3	I40S-201	Pulse Unit Housing	1	P141289
4	I40S-202	Bushing	1	P113184
5	I40S-424	Washer	1	P109206
6	I40S-401	Pulse Cylinder Seat	1	P141290
7	I70-410	Greasing Screw	1	P141388
8	00-41113	O-Ring ($\phi 2 \times \phi 1.5$)	4	P103872
10	00-41127	O-Ring ($\phi 27 \times \phi 1.5$)	2	P107129
11	420-SW40-283-0403-11	Front Cover, Compl.	1	#N/A
11EA-1	I40S-403-B	Front Cover	1	P141453
11-2	00-3318	Spring Pin ($\phi 1.6 \times 5$)	2	P141286
12	00-2602	X-Ring ($\phi 10.77 \times \phi 16.01 \times 2.62$)	1	P104617
13EC	I80-411	Valve Screw	1	P113827
14	00-3435	Pin ($\phi 3 \times 9$)	2	P141287
15	I40S-408	Front Plate	1	P141261
16EB	I40S-405-B	Anvil	1	P141433
17B	I40S-406-B	Drive Blade	2	P141447
18B	I40S-452	Roller	2	P141310
19	I40S-407	Spring	2	P141263
20B	IS40-450	Block Valve	1	P105819
21EA	IS40S-412-C	Valve	1	P141313
22	00-41130	O-Ring ($\phi 2 \times \phi 1$)	1	P141264
23	00-3813	Steel Ball (1/8")	2	P103896
24EA	IS40S-425-C	Spring	1	P141291
25	420-SW40-283-0404-11	Pulse Cylinder, Compl.	1	#N/A
25C-1	I40S-404-B	Pulse Cylinder	1	P141292
25C-2	I40S-454	Block Cap	1	P113408
26	00-3436	Pin ($\phi 1.5 \times 5$)	1	#N/A
27	00-3407	Pin ($\phi 3 \times 5$)	2	P141672
28	420-SW40-183-0415-12	Rear Plate, Compl.	1	#N/A
28EA-1	IS40S-415@	Rear Plate	1	#N/A
28-2	IS40S-420-B	Block Cover	1	#N/A
29C	00-41173	O-Ring ($\phi 1.42 \times \phi 1.53$)	2	P103519
30C	IS40S-421	Pressure Valve	2	P113286
31	IS40-314	Shut Off Stem	1	P105802
32	IS40S-317	Spring	1	P113390

Index	Part No.	Description	Qty	Code
33	I40S-423	Washer	1	P203842
34	I40S-402	Lock Nut	1	P141268
35	I40S-306	Lock Nut	1	P141319
36	00-2348	Ball Bearing (6901ZZ)	1	P107182
38	420-PW40-283-0302-10	Cylinder, Compl.	1	#N/A
38-1	I40-302	Cylinder	1	P141302
38-2	I40S-318	Block	4	#N/A
38-3	00-3356	Spring Pin ($\phi 2 \times 8$)	1	P141270
38-4	00-3324	Spring Pin ($\phi 2 \times 5$)	1	P141400
40	I40S-303	Rotor	1	P141321
41	I40S-304	Rotor Blade	9	P141322
42	420-PW40-283-0305-10	Rear Plate, Compl.	1	#N/A
42-1	I40-305	Rear Plate	1	P141573
42-2	I40S-318	Block	4	#N/A
43	00-2356	Ball Bearing (607ZZ)	1	P107174
※	IS40S-400ASM	Pulse unit : Index No- 6,7,8(2),10(2),11,12,13EC,14(2),15,16EB,17B(2),18B(2),19(2),20B,21EA,22,23,24EA,25,26,27(2),28,29C(2),30C(2),34,78C,80EA,82EC		P141495
44	00-41144	O-Ring ($\phi 33.05 \times \phi 1.78$)	2	P113810
45	00-41135	O-Ring ($\phi 18.77 \times \phi 1.78$)	1	P113633
46	IS40-307	Rear Cover	1	P141333
47	IS40-524	Valve Seat	1	P141334
48EE	00-41145	O-Ring ($\phi 18 \times \phi 1.5$)	1	P109178
49	IS40S-312	Valve Washer	1	P141371
50	00-3824	Steel Ball ($\phi 4$)	1	P113597
51	IS40S-313	Spring	1	P141410
52	IS40S-311	Valve	1	P141411
53	IS40-518	Seat	1	P141372
54	420-PW40-183-0101-10	Motor Housing, Compl.	1	#N/A
54-1	IS40-101	Motor Housing	1	P141303
54EB-2	I60-103	Housing Rubber	1	P141377
54-3	I40S-108	Bushing	4	P205111
56	IS100-609	Screw	1	P113182
58	00-41146	O-Ring ($\phi 21 \times \phi 1.5$)	1	P141891
59	00-4169	O-Ring ($\phi 16 \times \phi 2$)	1	P141175
60	I40-104	Nut	1	P141374
61	I40-504	Trigger	1	P103892
62	00-3354	Spring Pin ($\phi 2 \times 14$)	1	P106985
63EE	00-0512	Flat Head Screw (M3x8L)	2	P113583

Index	Part No.	Description	Qty	Code
64	I100-503	Regulator Knob	1	P109194
66EF	IS40-505D	Valve Stem	1	P102318
67EA	I100-508B	Bushing	1	P104335
68EA	00-41199	O-Ring (φ1.8xφ1.9)	1	P104998
69EA	I40-507B	Spring	1	P105806
70	I100-506	Spring	1	P104996
71	IS40-502	F/R Valve	1	P105814
72	I40-501	Valve Sleeve	1	P105868
73EE	00-4121	O-Ring (φ15xφ1.5)	1	P142059
74	I40-601	Muffler	1	P102916
75	I40-603	Exhaust Deflector	1	P141375
76	I40-604A	Air Inlet 1/4"-19PF	1	P141926
	I40-604B	Air Inlet 1/4"-19PT		#N/A
	I40-604C	Air Inlet 1/4"-18NPT		#N/A
77	I100-511	Pin	1	P113154
78C	I40S-453	Spring	1	P141315
80EA	I40-409	Back Up Ring	1	P141299
82EC	I80-422	Back Up Ring	1	P104995
83EE	00-41244	O-Ring (φ19xφ1.5)	1	P141895
84EE	00-41117	O-Ring (φ15.5xφ1.5)	1	P141275
85EH	00-4157	O-Ring (φ10xφ1.5)	1	#N/A
86EI	32055-WRBA-03	Pin Assembly	1	P180490
※	IS40SK-DO	Service kit :Index No- 7; 8(2); 10(2); 12; 13EC; 19(2); 20B; 29C(2); 78C; 80EA; 82EC		P141294
※	IS40RK-DO	Repair kit :Index No- 15; 17B(2); 18B(2); 28; 41(9); 51; 67EA; 68EA; 69EA		P141293
※	01-0507B	Impulse Oil (1000c.c)		P141084
※	01-0508B	Impulse Oil (100c.c)		P141085

3. DPTS-50

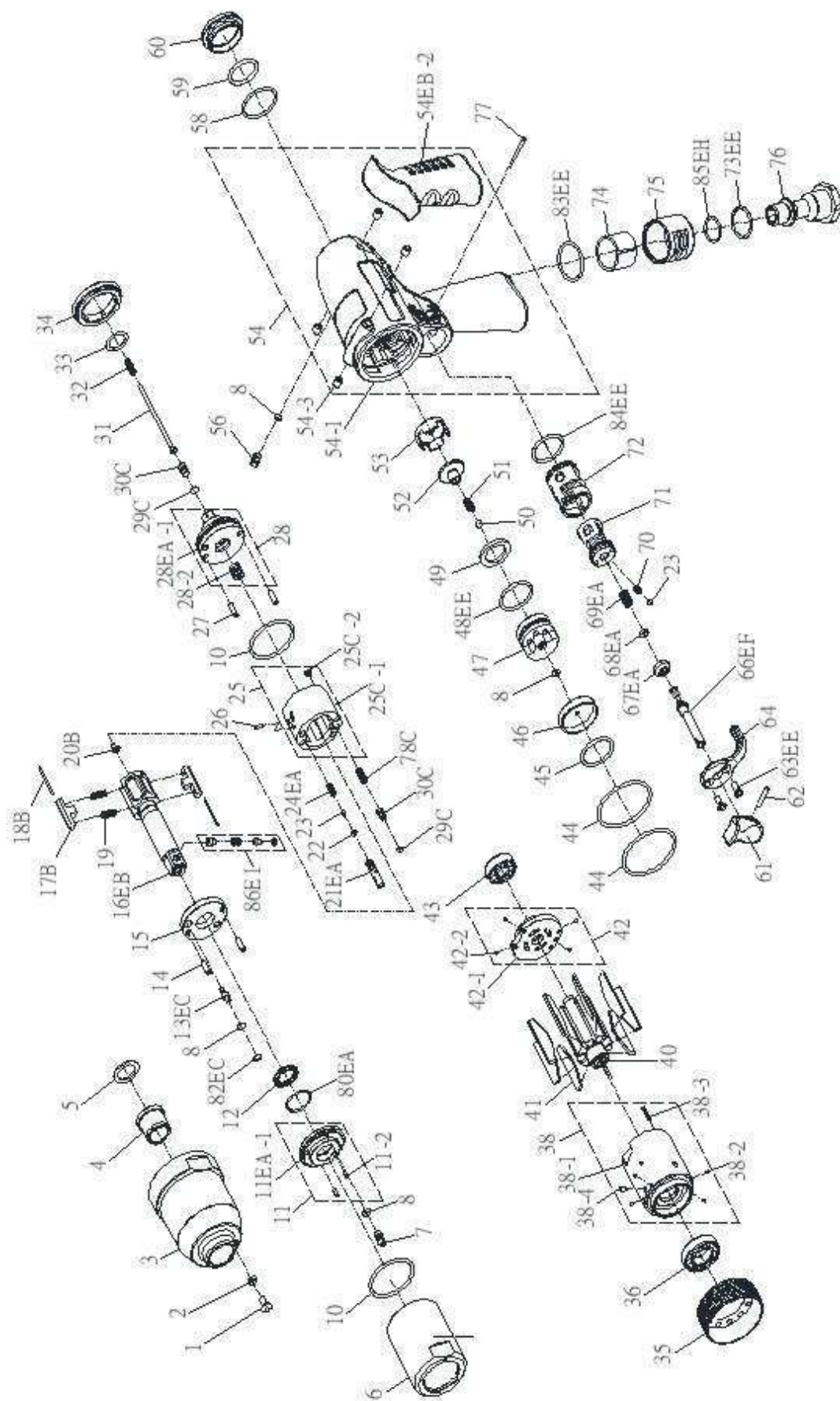


Index	Part No.	Description	Qty	Code
1	I100-410	Greasing Screw	1	P108938
2	00-4153	O-Ring ($\phi 3 \times \phi 1.5$)	1	P107168
3	I40S-201	Pulse Unit Housing	1	P141289
4	I40S-202	Bushing	1	P113184
5	I40S-424	Washer	1	P109206
6	I40S-401	Pulse Cylinder Seat	1	P141290
7	I70-410	Greasing Screw	1	P141388
8	00-41113	O-Ring ($\phi 2 \times \phi 1.5$)	4	P103872
10	00-41127	O-Ring ($\phi 27 \times \phi 1.5$)	2	P107129
11	420-SW40-283-0403-11	Front Cover, Compl.	1	#N/A
11EA-1	I40S-403-B	Front Cover	1	P141453
11-2	00-3318	Spring Pin ($\phi 1.6 \times 5$)	2	P141286
12	00-2602	X-Ring ($\phi 10.77 \times \phi 16.01 \times 2.62$)	1	P104617
13EC	I80-411	Valve Screw	1	P113827
14	00-3435	Pin ($\phi 3 \times 9$)	2	P141287
15	I40S-408	Front Plate	1	P141261
16EB	IS40S-405-B	Anvil	1	P141434
17B	I40S-406-B	Drive Blade	2	P141447
18B	I40S-452	Roller	2	P141310
19	I40S-407	Spring	2	P141263
20B	IS40-450	Block Valve	1	P105819
21EA	IS40S-412-C	Valve	1	P141313
22	00-41130	O-Ring ($\phi 2 \times \phi 1$)	1	P141264
23	00-3813	Steel Ball (1/8")	2	P103896
24EA	IS50S-425-C	Spring	1	P141569
25	420-SW40-283-0404-11	Pulse Cylinder, Compl.	1	#N/A
25C-1	I40S-404-B	Pulse Cylinder	1	P141292
25C-2	I40S-454	Block Cap	1	P113408
26	00-3436	Pin ($\phi 1.5 \times 5$)	1	#N/A
27	00-3407	Pin ($\phi 3 \times 5$)	2	P141672
28	420-SW40-183-0415-12	Rear Plate, Compl.	1	#N/A
28EA-1	IS40S-415@	Rear Plate	1	#N/A
28-2	IS40S-420-B	Block Cover	1	#N/A
29C	00-41173	O-Ring ($\phi 1.42 \times \phi 1.53$)	2	P103519
30C	IS40S-421	Pressure Valve	2	P113286
31	IS40-314	Shut Off Stem	1	P105802
32	IS40S-317	Spring	1	P113390

Index	Part No.	Description	Qty	Code
33	I40S-423	Washer	1	P203842
34	I40S-402	Lock Nut	1	P141268
35	I40S-306	Lock Nut	1	P141319
36	00-2348	Ball Bearing (6901ZZ)	1	P107182
38	420-PW50-283-0302-10	Cylinder, Compl.	1	#N/A
38-1	IS0-302	Cylinder	1	P141570
38-2	I40S-318	Block	4	#N/A
38-3	00-3356	Spring Pin (φ2x8)	1	P141270
38-4	00-3324	Spring Pin (φ2x5)	1	P141400
40	I40S-303	Rotor	1	P141321
41	I40S-304	Rotor Blade	9	P141322
42	420-PW40-283-0305-10	Rear Plate, Compl.	1	#N/A
42-1	I40-305	Rear Plate	1	P141573
42-2	I40S-318	Block	4	#N/A
43	00-2356	Ball Bearing (607ZZ)	1	P107174
※	IS50S-400ASM	Pulse unit : Index No- 6,7,8(2),10(2),11,12,13EC,14(2),15,16EB,17B(2),18B(2),19(2),20B,21EA,22,23,24EA,25,26,27(2),28,29C(2),30C(2),34,78C,80EA,82EC		P141499
44	00-41144	O-Ring (φ33.05xφ1.78)	2	P113810
45	00-41135	O-Ring (φ18.77xφ1.78)	1	P113633
46	IS40-307	Rear Cover	1	P141333
47	IS40-524	Valve Seat	1	P141334
48EE	00-41145	O-Ring (φ18xφ1.5)	1	P109178
49	IS40S-312	Valve Washer	1	P141371
50	00-3824	Steel Ball (φ4)	1	P113597
51	IS40S-313	Spring	1	P141410
52	IS40S-311	Valve	1	P141411
53	IS40-518	Seat	1	P141372
54	420-PW40-183-0101-10	Motor Housing, Compl.	1	#N/A
54-1	IS40-101	Motor Housing	1	P141303
54EB-2	I60-103	Housing Rubber	1	P141377
54-3	I40S-108	Bushing	4	P205111
56	IS100-609	Screw	1	P113182
58	00-41146	O-Ring (φ21xφ1.5)	1	P141891
59	00-4169	O-Ring (φ16xφ2)	1	P141175
60	I40-104	Nut	1	P141374
61	I40-504	Trigger	1	P103892
62	00-3354	Spring Pin (φ2x14)	1	P106985
63EE	00-0512	Flat Head Screw (M3x8L)	2	P113583

Index	Part No.	Description	Qty	Code
64	I100-503	Regulator Knob	1	P109194
66EF	IS40-505D	Valve Stem	1	P102318
67EA	I100-508B	Bushing	1	P104335
68EA	00-41199	O-Ring (φ1.8xφ1.9)	1	P104998
69EA	I40-507B	Spring	1	P105806
70	I100-506	Spring	1	P104996
71	IS40-502	F/R Valve	1	P105814
72	I40-501	Valve Sleeve	1	P105868
73EE	00-4121	O-Ring (φ15xφ1.5)	1	P142059
74	I40-601	Muffler	1	P102916
75	I40-603	Exhaust Deflector	1	P141375
76	I40-604A	Air Inlet 1/4"-19PF	1	P141926
	I40-604B	Air Inlet 1/4"-19PT		#N/A
	I40-604C	Air Inlet 1/4"-18NPT		#N/A
77	I100-511	Pin	1	P113154
78C	I40S-453	Spring	1	P141315
80EA	I40-409	Back Up Ring	1	P141299
82EC	I80-422	Back Up Ring	1	P104995
83EE	00-41244	O-Ring (φ19xφ1.5)	1	P141895
84EE	00-41117	O-Ring (φ15.5xφ1.5)	1	P141275
85EH	00-4157	O-Ring (φ10xφ1.5)	1	#N/A
86EI	32055-WRBA-03	Pin Assembly	1	P180490
※	IS50SK-DO	Service kit :Index No- 7; 8(2); 10(2); 12; 13EC; 19(2); 20B; 29C(2); 78C; 80EA; 82EC		P103869
※	IS50RK-DO	Repair kit :Index No- 15; 17B(2); 18B(2); 28; 41(9); 51; 67EA; 68EA; 69EA		P107137
※	01-0507B	Impulse Oil (1000c.c)		P141084
※	01-0508B	Impulse Oil (100c.c)		P141085

4. DPTS-60

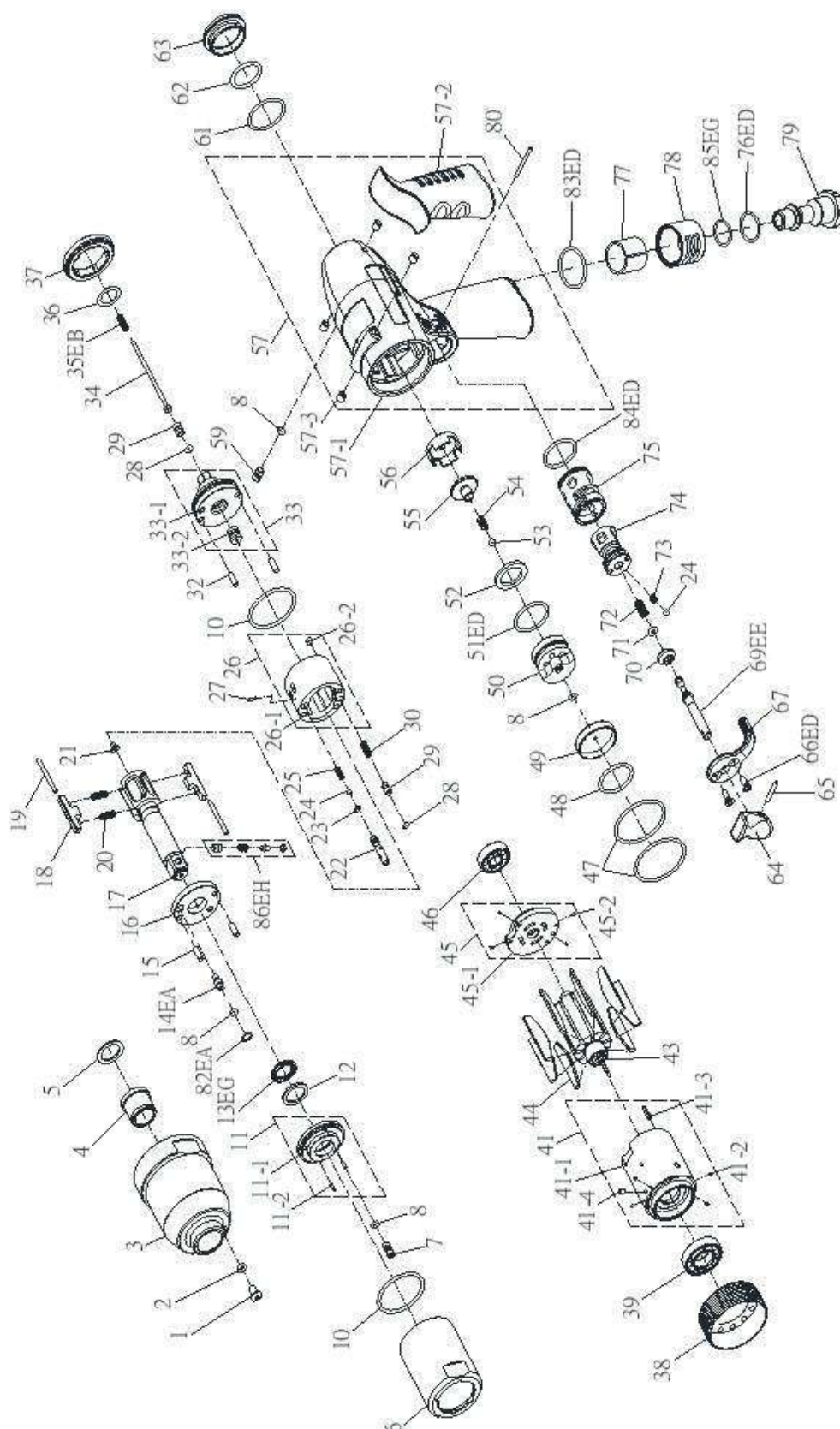


Index	Part No.	Description	Qty	Code
1	I100-410	Greasing Screw	1	P108938
2	00-4153	O-Ring ($\phi 3 \times \phi 1.5$)	1	P107168
3	I60S-201	Pulse Unit Housing	1	P141260
4	I40S-202	Bushing	1	P113184
5	I40S-424	Washer	1	P109206
6	I60S-401	Pulse Cylinder Seat	1	P141488
7	I70-410	Greasing Screw	1	P141388
8	00-41113	O-Ring ($\phi 2 \times \phi 1.5$)	4	P103872
10	00-41127	O-Ring ($\phi 27 \times \phi 1.5$)	2	P107129
11	420-SW40-283-0403-11	Front Cover, Compl.	1	#N/A
11EA-1	I40S-403-B	Front Cover	1	P141453
11-2	00-3318	Spring Pin ($\phi 1.6 \times 5$)	2	P141286
12	00-2602	X-Ring ($\phi 10.77 \times \phi 16.01 \times 2.62$)	1	P104617
13EC	I80-411	Valve Screw	1	P113827
14	00-3435	Pin ($\phi 3 \times 9$)	2	P141287
15	I40S-408	Front Plate	1	P141261
16EB	IS60S-405-B	Anvil	1	P141435
17B	I60S-406-B	Drive Blade	2	P141262
18B	I60S-452	Roller	2	P141681
19	I40S-407	Spring	2	P141263
20B	IS40-450	Block Valve	1	P105819
21EA	IS60S-412-C	Valve	1	P141536
22	00-41130	O-Ring ($\phi 2 \times \phi 1$)	1	P141264
23	00-3813	Steel Ball (1/8")	2	P103896
24EA	IS60S-425-C	Spring	1	P141265
25	420-SW60-283-0404-11	Pulse Cylinder, Compl.	1	#N/A
25C-1	I60S-404-B	Pulse Cylinder	1	P141484
25C-2	I40S-454	Block Cap	1	P113408
26	00-3436	Pin ($\phi 1.5 \times 5$)	1	#N/A
27	00-3407	Pin ($\phi 3 \times 5$)	2	P141672
28	420-SW40-183-0415-12	Rear Plate, Compl.	1	#N/A
28EA-1	IS40S-415@	Rear Plate	1	#N/A
28-2	IS40S-420-B	Block Cover	1	#N/A
29C	00-41173	O-Ring ($\phi 1.42 \times \phi 1.53$)	2	P103519
30C	IS40S-421	Pressure Valve	2	P113286
31	IS60-314	Shut Off Stem	1	P141267
32	IS40S-317	Spring	1	P113390

Index	Part No.	Description	Qty	Code
33	I40S-423	Washer	1	P203842
34	I40S-402	Lock Nut	1	P141268
35	I40S-306	Lock Nut	1	P141319
36	00-2348	Ball Bearing (6901ZZ)	1	P107182
38	420-PW60-283-0302-10	Cylinder, Compl.	1	#N/A
38-1	I60-302	Cylinder	1	P141269
38-2	I40S-318	Block	4	#N/A
38-3	00-3356	Spring Pin (φ2x8)	1	P141270
38-4	00-3324	Spring Pin (φ2x5)	1	P141400
40	I60S-303	Rotor	1	P141271
41	I60S-304	Rotor Blade	9	P141272
42	420-PW40-283-0305-10	Rear Plate, Compl.	1	#N/A
42-1	I40-305	Rear Plate	1	P141573
42-2	I40S-318	Block	4	#N/A
43	00-2356	Ball Bearing (607ZZ)	1	P107174
※	IS60S-400ASM	Pulse unit : Index No- 6,7,8(2),10(2),11,12,13EC,14(2),15,16EB,17B(2),18B(2),19(2),20B,21EA, 22,23,24EA,25,26,27(2),28,29C(2),30C(2),34,78C,80EA,82EC		P113703
44	00-41144	O-Ring (φ33.05xφ1.78)	2	P113810
45	00-41135	O-Ring (φ18.77xφ1.78)	1	P113633
46	IS40-307	Rear Cover	1	P141333
47	IS40-524	Valve Seat	1	P141334
48EE	00-41145	O-Ring (φ18xφ1.5)	1	P109178
49	IS40S-312	Valve Washer	1	P141371
50	00-3824	Steel Ball (φ4)	1	P113597
51	IS40S-313	Spring	1	P141410
52	IS40S-311	Valve	1	P141411
53	IS40-518	Seat	1	P141372
54	420-PW60-183-0101-10	Motor Housing, Compl.	1	#N/A
54-1	IS60-101	Motor Housing	1	P141278
54EB-2	I60-103	Housing Rubber	1	P141377
54-3	I40S-108	Bushing	4	P205111
56	IS100-609	Screw	1	P113182
58	00-41146	O-Ring (φ21xφ1.5)	1	P141891
59	00-4169	O-Ring (φ16xφ2)	1	P141175
60	I40-104	Nut	1	P141374
61	I40-504	Trigger	1	P103892
62	00-3354	Spring Pin (φ2x14)	1	P106985
63EE	00-0512	Flat Head Screw (M3x8L)	2	P113583

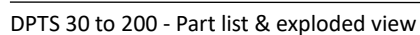
Index	Part No.	Description	Qty	Code
64	I100-503	Regulator Knob	1	P109194
66EF	IS40-505D	Valve Stem	1	P102318
67EA	I100-508B	Bushing	1	P104335
68EA	00-41199	O-Ring (φ1.8xφ1.9)	1	P104998
69EA	I40-507B	Spring	1	P105806
70	I100-506	Spring	1	P104996
71	IS40-502	F/R Valve	1	P105814
72	I40-501	Valve Sleeve	1	P105868
73EE	00-4121	O-Ring (φ15xφ1.5)	1	P142059
74	I40-601	Muffler	1	P102916
75	I40-603	Exhaust Deflector	1	P141375
76	I40-604A	Air Inlet 1/4"-19PF	1	P141926
	I40-604B	Air Inlet 1/4"-19PT		#N/A
	I40-604C	Air Inlet 1/4"-18NPT		#N/A
77	I100-511	Pin	1	P113154
78C	I60S-453	Spring	1	P141279
80EA	I40-409	Back Up Ring	1	P141299
82EC	I80-422	Back Up Ring	1	P104995
83EE	00-41244	O-Ring (φ19xφ1.5)	1	P141895
84EE	00-41117	O-Ring (φ15.5xφ1.5)	1	P141275
85EH	00-4157	O-Ring (φ10xφ1.5)	1	#N/A
86EI	32055-WRBA-03	Pin Assembly	1	P180490
※	IS60SK-DO	Service kit :Index No- 7; 8(2); 10(2); 12; 13EC; 19(2); 20B; 29C(2); 78C; 80EA; 82EC		P107176
※	IS60RK-DO	Repair kit :Index No- 15; 17B(2); 18B(2); 28; 41(9); 51; 67EA; 68EA; 69EA		P109054
※	01-0507B	Impulse Oil (1000c.c)		P141084
※	01-0508B	Impulse Oil (100c.c)		P141085

5. DPTS-65



Index	Part No.	Description	Q'ty	CODE
1	I100-410	Greasing Screw	1	P108938
2	00-4153	O-Ring ($\phi 3 \times \phi 1.5$)	1	P107168
3	I70X-201	Pulse Unit Housing	1	P141325
4	I40S-202	Bushing	1	P113184
5	I40S-424	Washer	1	P109206
6	I70-401	Pulse Cylinder Seat	1	P141387
7	I70-410	Greasing Screw	1	P141388
8	00-41113	O-Ring ($\phi 2 \times \phi 1.5$)	4	P103872
10	00-41160	O-Ring ($\phi 30 \times \phi 1.5$)	2	P105774
11	420-PW70-283-0403-10	Front Cover, Compl.	1	-
11-1	I70-403	Front Cover	1	P141389
11-2	00-3318	Spring Pin ($\phi 1.6 \times 5$)	2	P141286
12	I70-409	Back Up Ring	1	P104375
13EG	00-2612	X-Ring ($\phi 10.77 \times \phi 16.01 \times 2.62$)	1	-
14EA	I80-411	Valve Screw	1	P113827
15	00-3435	Pin ($\phi 3 \times 9$)	2	P141287
16	I70-408	Front Plate	1	P141390
17	I70-405-B	Anvil	1	P113166
18	I70-406-B	Drive Blade	2	P113418
19	I70-452	Roller	2	P113683
20	I70-407	Spring	2	P105854
21	IS40-450	Block Valve	1	P105819
23	00-41130	O-Ring ($\phi 2 \times \phi 1$)	1	P141264
22	IS65-412	Valve	1	P141326
23	00-41130	O-Ring ($\phi 2 \times \phi 1$)	1	P141264
24	00-3813	Steel Ball (1/8")	2	P103896
25	IS65-425	Spring	1	P141327
26	420-PW70-283-0404-11	Pulse Cylinder, Compl.	1	-
26-1	I70-404-B	Pulse Cylinder	1	P141698
26-2	I40S-454	Block Cap	1	P113408
27	00-3436	Pin ($\phi 1.5 \times 5$)	1	-
28	00-41173	O-Ring ($\phi 1.42 \times \phi 1.53$)	2	P103519
29	IS40S-421	Pressure Valve	2	P113286
30	I70S-453	Spring	1	P141427
32	00-3407	Pin ($\phi 3 \times 5$)	2	P141672
33	420-PW70-183-0415-12	Rear Plate, Compl.	1	-
33-1	IS70-415@	Rear Plate	1	-
33-2	IS40S-420-B	Block Cover	1	-
34	IS60S-314	Shut Off Stem	1	P141328
35EB	IS150-317	Spring	1	P104329
36	I40S-423	Washer	1	P203842

Index	Part No.	Description	Qty	CODE
37	I70-402	Lock Nut	1	P141398
38	I70X-306	Lock Nut	1	P141329
39	00-2348	Ball Bearing (6901ZZ)	1	P107182
41	420-PW65-283-0302-10	Cylinder, Compl.	1	-
41-1	I65-302	Cylinder	1	P141330
41-2	I40S-318	Block	4	-
41-3	00-3356	Spring Pin ($\phi 2 \times 8$)	1	P141270
41-4	00-3324	Spring Pin ($\phi 2 \times 5$)	1	P141400
43	I70S-303	Rotor	1	P141344
44	I70S-304	Rotor Blade	9	P141345
45	420-XW70-283-0305-10	Rear Plate, Compl.	1	-
45-1	I70X-305	Rear Plate	1	P141331
45-2	I40S-318	Block	4	-
※	IS65-400ASM	Pulse unit : Index No-		P141503
		6,7,8(2),10(2),11,12,13EG,14EA,15(2),16,17,18(2),19(2),20(2),21,22,23,24,25,26,27,28(2),29(2),30,32(2),33,37,82EA		
46	00-2356	Ball Bearing (607ZZ)	1	P107174
47	00-41210	O-Ring ($\phi 35 \times \phi 2$)	2	P141332
48	00-41135	O-Ring ($\phi 18.77 \times \phi 1.78$)	1	P113633
49	IS40-307	Rear Cover	1	P141333
50	IS40-524	Valve Seat	1	P141334
51ED	00-41145	O-Ring ($\phi 18 \times \phi 1.5$)	1	P109178
52	IS40S-312	Valve Washer	1	P141371
53	00-3824	Steel Ball ($\phi 4$)	1	P113597
54	IS40S-313	Spring	1	P141410

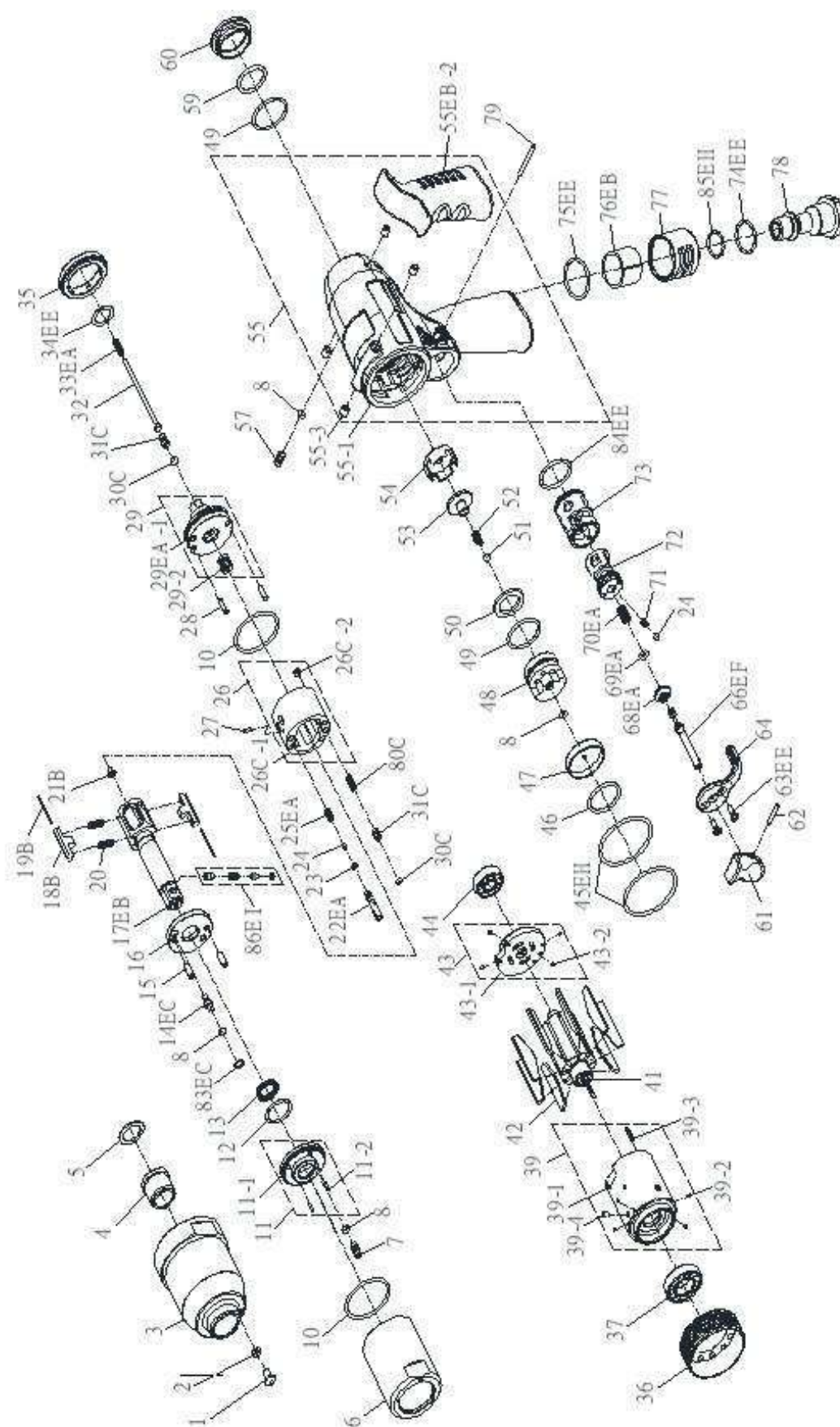


Index	Part No.	Description	Qty	Code
1	I100-410	Greasing Screw	1	P108938
2	00-4153	O-Ring ($\phi 3 \times \phi 1.5$)	1	P107168
3	I70-201	Pulse Unit Housing	1	P113198
4	I40S-202	Bushing	1	P113184
5	I40S-424	Washer	1	P109206
6	I70-401	Pulse Cylinder Seat	1	P141387
7	I70-410	Greasing Screw	1	P141388
8	00-41113	O-Ring ($\phi 2 \times \phi 1.5$)	4	P103872
10	00-41160	O-Ring ($\phi 30 \times \phi 1.5$)	2	P105774
11	420-PW70-283-0403-10	Front Cover, Compl.	1	#N/A
11-1	I70-403	Front Cover	1	P141389
11-2	00-3318	Spring Pin ($\phi 1.6 \times 5$)	2	P141286
12	I70-409	Back Up Ring	1	P104375
13EI	00-2612	X-Ring ($\phi 10.77 \times \phi 16.01 \times 2.62$)	1	#N/A
14EC	I80-411	Valve Screw	1	P113827
15	00-3435	Pin ($\phi 3 \times 9$)	2	P141287
16	I70-408	Front Plate	1	P141390
17EB	I70-405-B	Anvil	1	P113166
18B	I70-406-B	Drive Blade	2	P113418
19B	I70-452	Roller	2	P113683
20	I70-407	Spring	2	P105854
21B	IS40-450	Block Valve	1	P105819
22EA	IS70-412-C	Valve	1	P141393
23	00-41130	O-Ring ($\phi 2 \times \phi 1$)	1	P141264
24	00-3813	Steel Ball (1/8")	2	P103896
25EA	IS70-425-C	Spring	1	P141684
26	420-PW70-283-0404-11	Pulse Cylinder, Compl.	1	#N/A
26C-1	I70-404-B	Pulse Cylinder	1	P141698
26C-2	I40S-454	Block Cap	1	P113408
27	00-3436	Pin ($\phi 1.5 \times 5$)	1	#N/A
28	00-3407	Pin ($\phi 3 \times 5$)	2	P141672
29	420-PW70-183-0415-12	Rear Plate, Compl.	1	#N/A
29EA-1	IS70-415@	Rear Plate	1	#N/A
29-2	IS40S-420-B	Block Cover	1	#N/A
30C	00-41173	O-Ring ($\phi 1.42 \times \phi 1.53$)	2	P103519
31C	IS40S-421	Pressure Valve	2	P113286
32	IS90-314	Shut Off Stem	1	P141685

Index	Part No.	Description	Qty	Code
33EA	IS150-317	Spring	1	P104329
34	I40S-423	Washer	1	P203842
35	I70-402	Lock Nut	1	P141398
36	I90-306	Lock Nut	1	P141686
37	00-2348	Ball Bearing (6901ZZ)	1	P107182
39	420-PW70-283-0302-10	Cylinder, Compl.	1	#N/A
39-1	I70-302	Cylinder	1	P141687
39-2	I40S-318	Block	4	#N/A
39-3	00-3339	Spring Pin ($\phi 2.5 \times 8$)	1	P113610
39-4	00-3324	Spring Pin ($\phi 2 \times 5$)	1	P141400
41	I70-303	Rotor	1	P141688
42	I70-304	Rotor Blade	9	P141689
43	420-PW70-283-0305-10	Rear Plate, Compl.	1	#N/A
43-1	I70-305	Rear Plate	1	P141690
43-2	I40S-318	Block	4	#N/A
※	IS70-400ASM	Pulse unit : Index No- 6, 7, 8(2), 10(2), 11, 12, 13EI, 14EC, 15(2), 16, 17EB, 18B(2), 19B(2), 20(2), 21B, 22EA, 23, 24, 25EA, 26, 27, 28(2), 29, 30C(2), 31C(2), 35, 80C, 83EC		P113428
44	00-2356	Ball Bearing (607ZZ)	1	P107174
45EI	00-41112	O-Ring ($\phi 42 \times \phi 2$)	2	#N/A
46	00-41138	O-Ring ($\phi 28.3 \times \phi 1.78$)	1	P107142
47	IS70-307	Rear Cover	1	P141691
48	IS100-524	Valve Seat	1	P113612
49	00-41127	O-Ring ($\phi 27 \times \phi 1.5$)	2	P107129
50	IS100-312	Valve Washer	1	P113622
51	00-3824	Steel Ball ($\phi 4$)	1	P113597
52	IS100-313	Spring	1	P105777
53	IS100-311	Valve	1	P141717
54	IS100-518	Seat	1	P141621
55	420-PW90-184-0101-10	Motor Housing, Compl.	1	#N/A
55-1	IS90-101	Motor Housing	1	P141692
55EB-2	I90-103	Housing Rubber	1	P141459
55-3	I40S-108	Bushing	4	P205111
57	IS100-609	Screw	1	P113182
59	00-41166	O-Ring ($\phi 24 \times \phi 2$)	1	P141623
60	I100-104	Nut	1	P141624
61	I130-504	Trigger	1	P102918
62	00-3354	Spring Pin ($\phi 2 \times 14$)	1	P106985

Index	Part No.	Description	Qty	Code
63EE	00-0512	Flat Head Screw (M3x8L)	2	P113583
64	I100-503	Regulator Knob	1	P109194
66EG	IS100-505D	Valve stem	1	P103510
68EA	I100-508B	Bushing	1	P104335
69EA	00-41199	O-Ring (φ1.8xφ1.9)	1	P104998
70EA	I100-507B	Spring	1	P113636
71	I100-506	Spring	1	P104996
72	IS100-502	F/R Valve	1	P113638
73	I100-501	Valve Sleeve	1	P141625
74EF	00-41111	O-Ring (φ16xφ1.5)	1	P102488
75EE	00-41125	O-Ring (φ20.35xφ1.78)	1	P141412
76	I70-601	Muffler	1	P102484
77	I100-603	Exhaust Deflector	1	P107026
78	I100-604A	Air Inlet 1/4"-19PF	1	P107006
	I100-604B	Air Inlet 1/4"-19PT		#N/A
	I100-604C	Air Inlet 1/4"-18NPT		#N/A
79	I100-511	Pin	1	P113154
80C	I70S-453	Spring	1	P141427
83EC	I80-422	Back Up Ring	1	P104995
84EE	00-41117	O-Ring (φ15.5xφ1.5)	1	P141275
85EI	00-4157	O-Ring (φ10xφ1.5)	1	#N/A
86EJ	32055-WRBA-03	Pin Assembly	1	P180490
※	IS70SK-DO	Service kit :Index No- 7; 8(2); 10(2); 12; 13EI; 14EC; 20(2); 21B; 30C(2); 80C; 83EC		P107038
※	IS70RK-DO	Repair kit :Index No- 16; 18B(2); 19B(2); 29; 42(9); 52 68EA; 69EA; 70EA		P109079
※	01-0507B	Impulse Oil (1000c.c)		P141084
※	01-0508B	Impulse Oil (100c.c)		P141085

7. DPTS-90

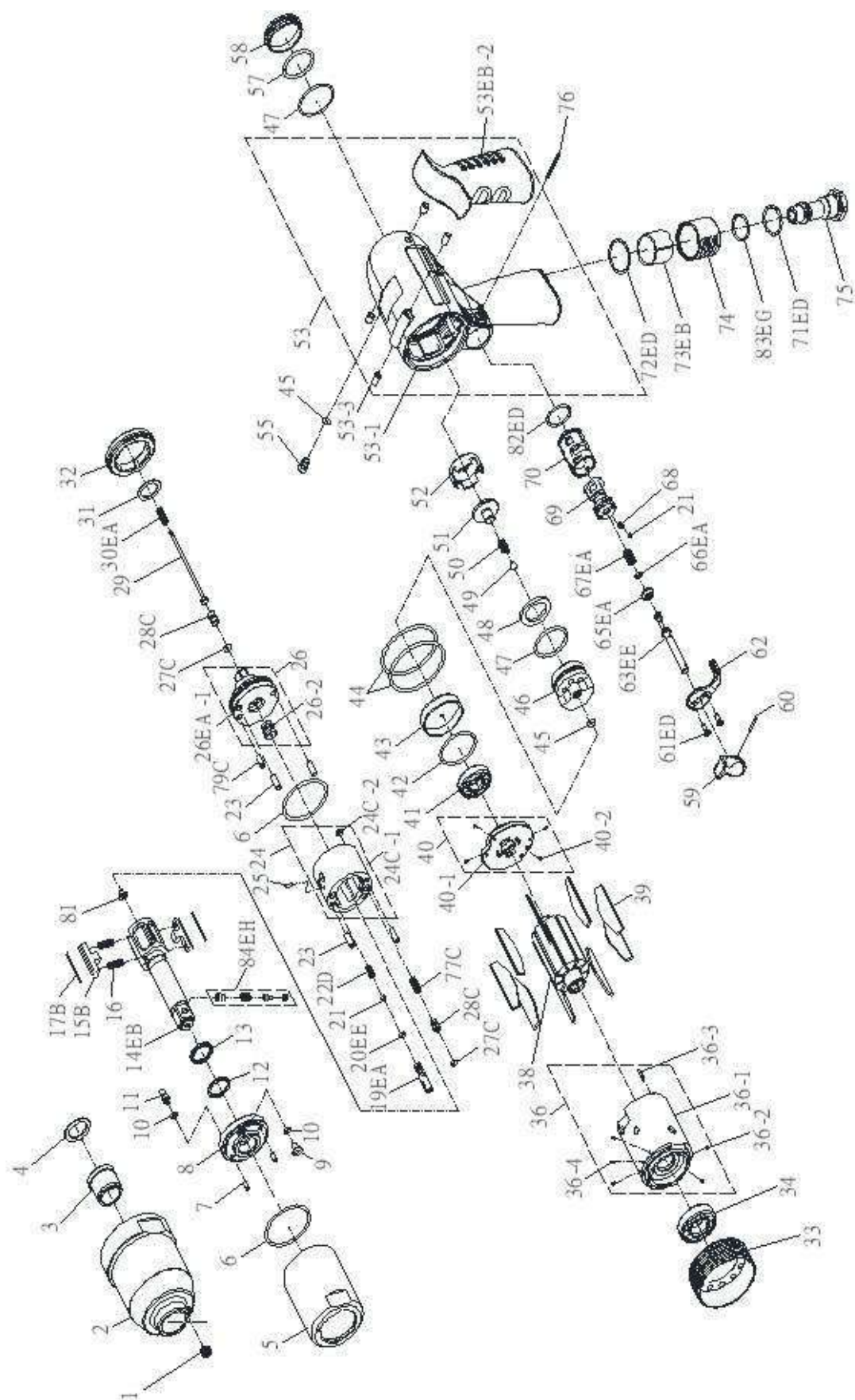


Index	Part No.	Description	Qty	Code
1	I90-410	Greasing Screw	1	P113673
2	00-4153	O-Ring (φ3xφ1.5)	1	P107168
3	I90-201	Pulse Unit Housing	1	P113356
4	I100-202	Bushing	1	P109051
5	I100-424	Washer	1	P113541
6	I90-401	Pulse Cylinder Seat	1	P141705
7	I70-410	Greasing Screw	1	P141388
8	00-41113	O-Ring (φ2xφ1.5)	4	P103872
10	00-41163	O-Ring (φ34.65xφ1.78)	2	P141706
11	420-PW90-284-0403-10	Front Cover, Compl.	1	#N/A
11-1	I90-403	Front Cover	1	P141707
11-2	00-3407	Pin (φ3x5)	2	P141672
12	I100-409	Back Up Ring	1	P141606
13	00-2601	X-Ring (φ15.54xφ20.78x2.62)	1	P141607
14EC	I80-411	Valve Screw	1	P113827
15	00-3435	Pin (φ3x9)	2	P141287
16	I90-408	Front Plate	1	P141708
17EB	I90-405-B	Anvil	1	P113168
18B	I90-406-B	Drive Blade	2	P141709
19B	I90-452	Roller	2	P141357
20	I90-407	Spring	2	P141710
21B	IS40-450	Block Valve	1	P105819
22EA	IS90-412-C	Valve	1	P113564
23	00-41162	O-Ring (φ2.5xφ1)	1	P141359
24	00-3813	Steel Ball (1/8")	2	P103896
25EA	IS90-425-C	Spring	1	P113566
26	420-PW90-284-0404-11	Pulse Cylinder, Compl.	1	#N/A
26C-1	I90-404-B	Pulse Cylinder	1	P141711
26C-2	I40S-454	Block Cap	1	P113408
27	00-3433	Pin (φ2x4.4)	1	P141712
28	00-3419	Pin (φ3x6)	2	P141481
29	420-PW90-184-0415-12	Rear Plate, Compl.	1	#N/A
29EA-1	IS90-415@	Rear Plate	1	#N/A
29-2	IS40S-420-B	Block Cover	1	#N/A
30C	00-41173	O-Ring (φ1.42xφ1.53)	2	P103519
31C	IS40S-421	Pressure Valve	2	P113286
32	IS90-314	Shut Off Stem	1	P141685

Index	Part No.	Description	Qty	Code
33EA	IS150-317	Spring	1	P104329
34EE	I90-423	Washer	1	P141172
35	I90-402	Lock Nut	1	P141714
36	I90-306	Lock Nut	1	P141686
37	00-2351	Ball Bearing (6902ZZ)	1	P107132
39	420-PW90-284-0302-10	Cylinder, Compl.	1	#N/A
39-1	I90-302	Cylinder	1	P141715
39-2	I100-318	Block	4	#N/A
39-3	00-3339	Spring Pin ($\phi 2.5 \times 8$)	1	P113610
39-4	00-3324	Spring Pin ($\phi 2 \times 5$)	1	P141400
41	I90-303	Rotor	1	P141166
42	I90-304	Rotor Blade	9	P113204
43	420-PW90-284-0305-10	Rear Plate, Compl.	1	#N/A
43-1	I90-305	Rear Plate	1	P141716
43-2	I40S-318	Block	4	#N/A
※	IS90-400ASM	Pulse unit : Index No- 6,7,8(2),10(2),11,12,13,14EC,15(2),16,17EB,18B(2),19B(2), 20(2),21B, 22EA,23,24,25EA,26,27,28(2),29,30C(2),31C(2),35,80C,83 EC		P107049
44	00-2358	Ball Bearing (16001)	1	P106993
45EH	00-41112	O-Ring ($\phi 42 \times \phi 2$)	2	#N/A
46	00-41138	O-Ring ($\phi 28.3 \times \phi 1.78$)	1	P107142
47	IS100-307	Rear Cover	1	P141619
48	IS100-524	Valve Seat	1	P113612
49	00-41127	O-Ring ($\phi 27 \times \phi 1.5$)	2	P107129
50	IS100-312	Valve Washer	1	P113622
51	00-3824	Steel Ball ($\phi 4$)	1	P113597
52	IS100-313	Spring	1	P105777
53	IS100-311	Valve	1	P141717
54	IS100-518	Seat	1	P141621
55	420-PW90-184-0101-10	Motor Housing, Compl.	1	#N/A
55-1	IS90-101	Motor Housing	1	P141692
55EB-2	I90-103	Housing Rubber	1	P141459
55-3	I40S-108	Bushing	4	P205111
57	IS100-609	Screw	1	P113182
59	00-41166	O-Ring ($\phi 24 \times \phi 2$)	1	P141623

Index	Part No.	Description	Qty	Code
60	I100-104	Nut	1	P141624
61	I130-504	Trigger	1	P102918
62	00-3354	Spring Pin (φ2x14)	1	P106985
63EE	00-0512	Flat Head Screw (M3×8L)	2	P113583
64	I100-503	Regulator Knob	1	P109194
66EF	IS100-505D	Valve Stem	1	P103510
68EA	I100-508B	Bushing	1	P104335
69EA	00-41199	O-Ring (φ1.8xφ1.9)	1	P104998
70EA	I100-507B	Spring	1	P113636
71	I100-506	Spring	1	P104996
72	IS100-502	F/R Valve	1	P113638
73	I100-501	Valve Sleeve	1	P141625
74EE	00-41111	O-Ring (φ16xφ1.5)	1	P102488
75EE	00-41125	O-Ring (φ20.35xφ1.78)	1	P141412
76EB	I70-601	Muffler	1	P102484
77	I100-603	Exhaust Deflector	1	P107026
78	I100-604A	Air Inlet 1/4"-19PF	1	P107006
	I100-604B	Air Inlet 1/4"-19PT		#N/A
	I100-604C	Air Inlet 1/4"-18NPT		#N/A
79	I100-511	Pin	1	P113154
80C	I90-453	Spring	1	P141376
83EC	I80-422	Back Up Ring	1	P104995
84EE	00-41117	O-Ring (φ15.5xφ1.5)	1	P141275
85EH	00-4157	O-Ring (φ10xφ1.5)	1	#N/A
86EI	32055-WRBA-02	Pin Assembly	1	P180489
※	IS90SK-DO	Service kit :Index No- 7; 8(2); 10(2); 12; 13; 14EC; 20(2); 21B; 30C(2); 80C; 83EC		P105010
※	IS90RK-DO	Repair kit :Index No- 16; 18B(2); 19B(2); 29; 42(9); 52; 68EA; 69EA; 70EA		P107033
※	01-0507B	Impulse Oil (1000c.c)		P141084
※	01-0508B	Impulse Oil (100c.c)		P141085

8. DPTS-100

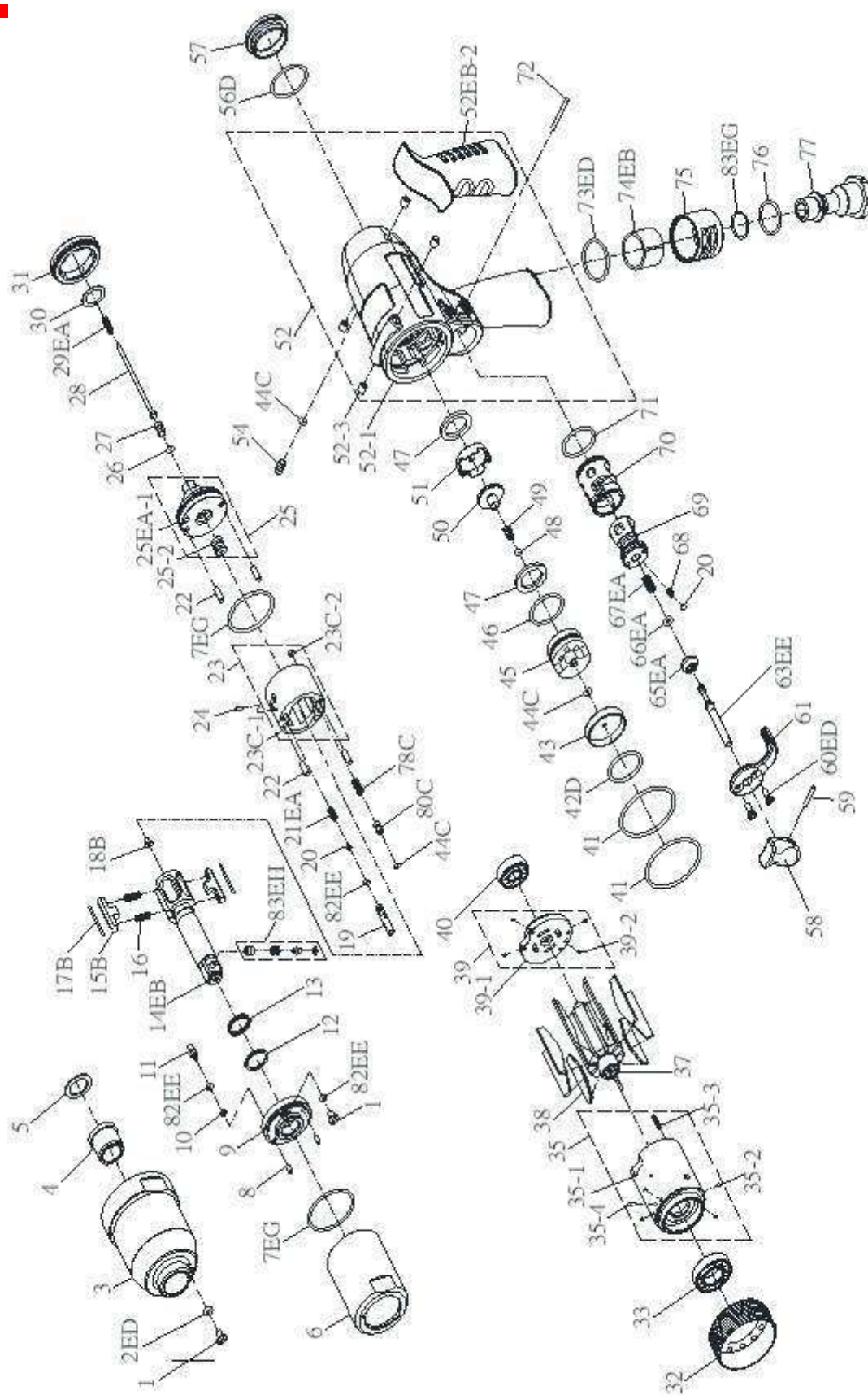


Index	Part No.	Description	Qty	Code
1	00-0612	Set Screw (1/16"x27NPTx1/4"L)	1	P141600
2	I100-201	Pulse Unit Housing	1	P141601
3	I100-202	Bushing	1	P109051
4	I100-424	Washer	1	P113541
5	I100-401	Pulse Cylinder Seat	1	P141602
6	00-41106	O-Ring ($\phi 37 \times \phi 2$)	2	P141603
7	00-3426	Pin ($\phi 3 \times 7$)	2	P113547
8	I100-408	Front Plate	1	P141604
9	I100-410	Greasing Screw	1	P108938
10	00-4153	O-Ring ($\phi 3 \times \phi 1.5$)	2	P107168
11	I100-411	Valve Screw	1	P141605
12	I100-409	Back Up Ring	1	P141606
13	00-2601	X-Ring ($\phi 15.54 \times \phi 20.78 \times 2.62$)	1	P141607
14EB	I100-405-B	Anvil	1	P141436
15B	I100-406-B	Drive Blade	2	P113559
16	I100-407	Spring	2	P141608
17B	I100-452	Roller	2	P141609
19EA	IS100-412-B	Valve	1	P141610
20EE	00-4101	O-Ring ($\phi 3 \times \phi 1$)	1	P103878
21	00-3813	Steel Ball (1/8")	2	P103896
22D	IS100-425-B	Spring	1	P141522
23	00-3432	Pin ($\phi 4 \times 7$)	4	P141611
24	420-PW100-284-0404-11	Pulse Cylinder, Compl.	1	#N/A
24C-1	I100-404-B	Pulse Cylinder	1	P141612
24C-2	I40S-454	Block Cap	1	P113408
25	00-3441	Pin ($\phi 2 \times 5$)	1	P141613
26	420-PW100-184-0415-11	Rear Plate, Compl.	1	#N/A
26EA-1	IS100-415@	Rear Plate	1	#N/A
26-2	IS40S-420-B	Block Cover	1	#N/A
27C	00-41173	O-Ring ($\phi 1.42 \times \phi 1.53$)	2	P103519
28C	IS40S-421	Pressure Valve	2	P113286
29	IS100-314	Shut Off Stem	1	P109053
30EA	IS150-317	Spring	1	P104329
31	I100-423	Washer	1	P109055
32	I100-402	Lock Nut	1	P141614
33	I100-306	Lock Nut	1	P141615
34	00-2345	Ball Bearing (16002)	1	P105884
36	420-PW100-284-0302-10	Cylinder, Compl.	1	#N/A

Index	Part No.	Description	Qty	Code
36-1	I100-302	Cylinder	1	P113608
36-2	I100-318	Block	4	#N/A
36-3	00-3339	Spring Pin (φ2.5x8)	1	P113610
36-4	00-3324	Spring Pin (φ2x5)	1	P141400
38	I100-303	Rotor	1	P141616
39	I100-304	Rotor Blade	9	P141617
40	420-PW100-284-0305-10	Rear Plate, Compl.	1	#N/A
40-1	I100-305	Rear Plate	1	P141618
40-2	I40S-318	Block	4	#N/A
41	00-2358	Ball Bearing (16001)	1	P106993
42	00-41138	O-Ring (φ28.3xφ1.78)	1	P107142
43	IS100-307	Rear Cover	1	P141619
※	IS100-400ASM	Pulse unit : Index No 5,6(2),7(2),8,9,10(2),11,12,13,14EB,15B(2),16(2),17B(2),18(2),19(2),20EE, 21,22D,23(4),24,25,26,27C(2),28C(2),32,77C,79		P109210
44	00-41116	O-Ring (φ46xφ2)	2	P141620
45	00-41113	O-Ring (φ2xφ1.5)	2	P103872
46	IS100-524	Valve Seat	1	P113612
47	00-41127	O-Ring (φ27xφ1.5)	2	P107129
48	IS100-312	Valve Washer	1	P113622
49	00-3824	Steel Ball (φ4)	1	P113597
50	IS100-313	Spring	1	P105777
51	IS100-311	Valve	1	P141717
52	IS100-518	Seat	1	P141621
53	420-PW100-184-0101-10	Motor Housing, Compl.	1	#N/A
53-1	IS100-101	Motor Housing	1	P141622
53EB-2	I100-103	Housing Rubber	1	P141460
53-3	I40S-108	Bushing	4	P205111
55	IS100-609	Screw	1	P113182
57	00-41166	O-Ring (φ24xφ2)	1	P141623
58	I100-104	Nut	1	P141624
59	I130-504	Trigger	1	P102918
60	00-3354	Spring Pin (φ2x14)	1	P106985
61ED	00-0512	Flat Head Screw (M3x8L)	2	P113583
62	I100-503	Regulator Knob	1	P109194
63EE	IS100-505D	Valve Stem	1	P103510
65EA	I100-508B	Bushing	1	P104335

Index	Part No.	Description	Qty	Code
66EA	00-41199	O-Ring (φ1.8xφ1.9)	1	P104998
67EA	I100-507B	Spring	1	P113636
68	I100-506	Spring	1	P104996
69	IS100-502	F/R Valve	1	P113638
70	I100-501	Valve Sleeve	1	P141625
71ED	00-41111	O-Ring (φ16xφ1.5)	1	P102488
72ED	00-41125	O-Ring (φ20.35xφ1.78)	1	P141412
73EB	I70-601	Muffler	1	P102484
74	I100-603	Exhaust Deflector	1	P107026
75	I100-604A	Air Inlet 1/4"-19PF	1	P107006
	I100-604B	Air Inlet 1/4"-19PT		#N/A
	I100-604C	Air Inlet 1/4"-18NPT		#N/A
76	I100-511	Pin	1	P113154
77C	I100-453	Spring	1	P141626
79C	IS100-456	Spring Fixed Pin	1	P141627
81	IS40-450	Block Valve	1	P105819
82ED	00-41117	O-Ring (φ15.5xφ1.5)	1	P141275
83EG	00-4157	O-Ring (φ10xφ1.5)	1	#N/A
84EH	32055-WRBA-02	Pin Assembly	1	P180489
※	IS100SK-DO	Service kit :Index No- 6(2); 9; 10(2); 11; 12; 13; 16(2); 27C(2); 77C; 81		P104984
※	IS100RK-DO	Repair kit :Index No- 8; 15B(2); 17B(2); 26; 39(9); 50; 65EA; 66EA; 67EA		P109059
※	01-0507B	Impulse Oil (1000c.c)		P141084
※	01-0508B	Impulse Oil (100c.c)		P141085

9. DPTS-130

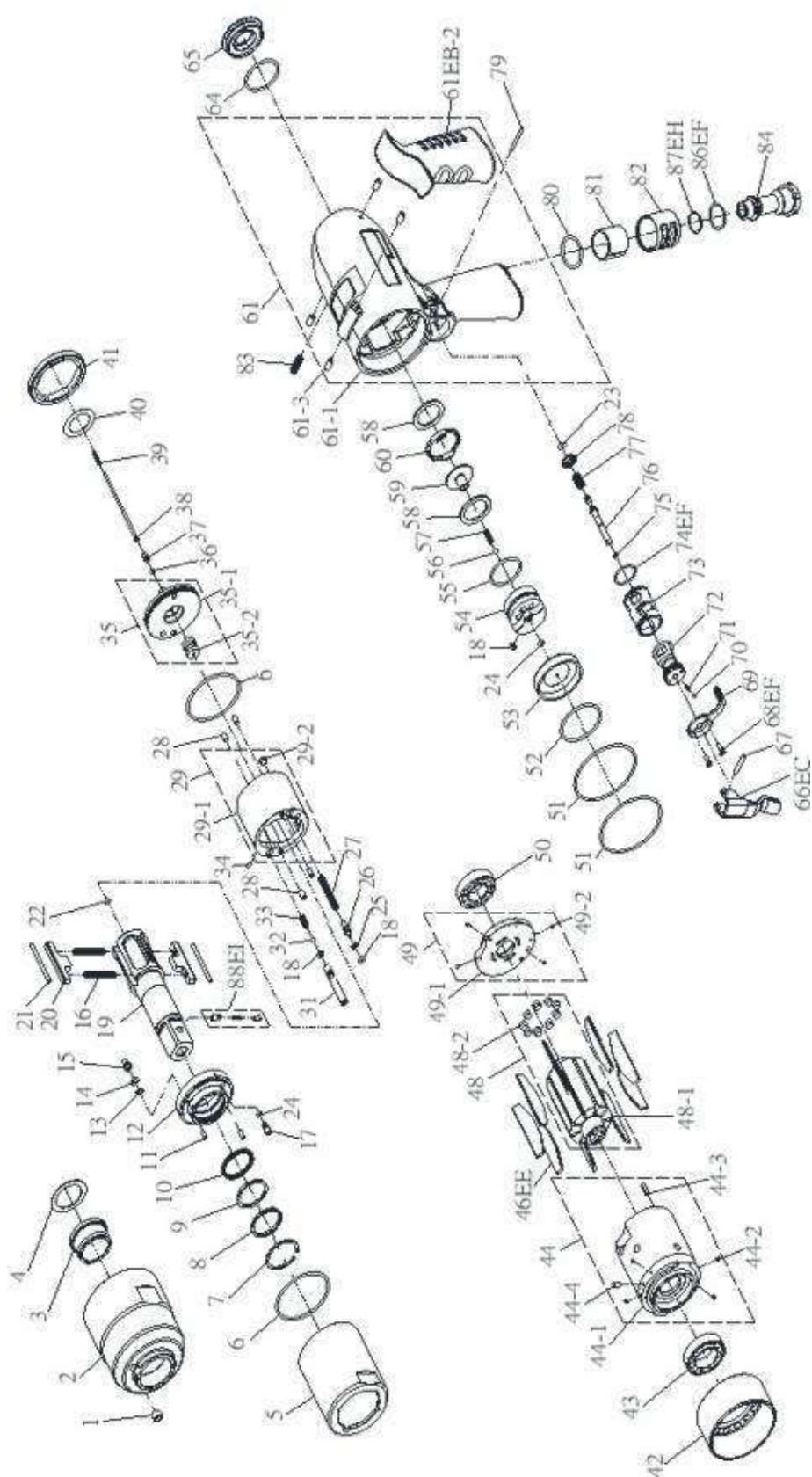


Index	Part No.	Description	Qty	Code
1	I90-410	Greasing Screw	2	P113673
2ED	00-4153	O-Ring (φ3xφ1.5)	1	P107168
3	I130-201	Pulse Unit Housing	1	P141628
4	I100-202	Bushing	1	P109051
5	I100-424	Washer	1	P113541
6	I130-401	Pulse Cylinder Seat	1	P141629
7EG	00-41112	O-Ring (φ42xφ2)	2	#N/A
8	00-3426	Pin (φ3x7)	2	P113547
9	I130-408	Front Plate	1	P141630
10	I130-431	Back Up Ring	1	P141631
11	I130-411	Valve Screw	1	P141632
12	I100-409	Back Up Ring	1	P141606
13	00-2601	X-Ring (φ15.54xφ20.78x2.62)	1	P141607
14EB	I130-405-B	Anvil	1	P113695
15B	I130-406-B	Drive Blade	2	P141633
16	I130-407	Spring	2	P141634
17B	I130-452	Roller	2	P141635
18B	IS40-450	Block Valve	1	P105819
19	IS130-412	Valve	1	P141636
20	00-3813	Steel Ball (1/8")	2	P103896
21EA	IS130-425-C	Spring	1	P141637
22	00-3432	Pin (φ4x7)	4	P141611
23	420-PW130-284-0404-11	Pulse Cylinder, Compl.	1	#N/A
23C-1	I130-404-B	Pulse Cylinder	1	P141638
23C-2	I130-454	Block Cap	1	P141660
24	00-3428	Pin (φ2x6)	1	P141639
25	420-PW130-184-0415-12	Rear Plate, Compl.	1	#N/A
25EA-1	IS130-415@	Rear Plate	1	#N/A
25-2	IS40S-420-B	Block Cover	1	#N/A
26	00-41173	O-Ring (φ1.42xφ1.53)	1	P103519
27	IS40S-421	Pressure Valve	1	P113286
28	IS130-314	Shut Off Stem	1	P113272
29EA	IS40S-317	Spring	1	P113390
30	I100-423	Washer	1	P109055
31	I130-402	Lock Nut	1	P141641
32	I130-306	Lock Nut	1	P141642
33	00-2353	Ball Bearing (16003)	1	P107121
35	420-PW130-284-0302-10	Cylinder, Compl.	1	#N/A

Index	Part No.	Description	Qty	Code
35-1	I130-302	Cylinder	1	P141643
35-2	I40S-318	Block	4	#N/A
35-3	00-3361	Spring Pin (φ3.5x10)	1	P141644
35-4	00-3324	Spring Pin (φ2x5)	1	P141400
37	I130-303	Rotor	1	P141645
38	I130-304	Rotor Blade	9	P141646
39	420-PW130-284-0305-10	Rear Plate, Compl.	1	#N/A
39-1	I130-305	Rear Plate	1	P141647
39-2	I40S-318	Block	4	#N/A
40	00-2345	Ball Bearing (16002)	1	P105884
41	00-41182	O-Ring (φ50.47xφ2.62)	2	P113732
42D	00-4135	O-Ring (φ32xφ2)	1	P141648
※	IS130-400ASM	Pulse unit : Index No- 1,6,7EG(2),8(2),9,10,11,12,13,14EB,15B(2),16(2),17B(2),18B,19,20,21EA,22(4),23,24,25,26,27,31,44C,78C,80C,82EE(3)		P113701
43	IS130-307	Rear Cover	1	P141649
44C	00-41113	O-Ring (φ2xφ1.5)	3	P103872
45	IS130-524	Valve Seat	1	P141650
46	00-41138	O-Ring (φ28.3xφ1.78)	1	P107142
47	IS130-312	Valve Washer	2	P141651
48	00-3824	Steel Ball (φ4)	1	P113597
49	IS130-313	Spring	1	P141652
50	IS130-311	Valve	1	P141653
51	IS130-518	Seat	1	P141654
52	420-PW130-184-0101-10	Motor Housing, Compl.	1	#N/A
52-1	IS130-101	Motor Housing	1	P141655
52EB-2	I130-103	Housing Rubber	1	P141664
52-3	I40S-108	Bushing	4	P205111
54	IS100-609	Screw	1	P113182
56D	00-41194	O-Ring (φ30xφ2)	1	P141656
57	I130-104	Nut	1	P141657
58	I130-504	Trigger	1	P102918
59	00-3354	Spring Pin (φ2x14)	1	P106985
60ED	00-0512	Flat Head Screw (M3x8L)	2	P113583
61	I100-503	Regulator Knob	1	P109194
63EE	IS130-505D	Valve Stem	1	P104986
65EA	I100-508B	Bushing	1	P104335
66EA	00-41199	O-Ring (φ1.8xφ1.9)	1	P104998

Index	Part No.	Description	Qty	Code
67EA	I100-507B	Spring	1	P113636
68	I100-506	Spring	1	P104996
69	IS130-502	F/R Valve	1	P113772
70	I130-501	Valve Sleeve	1	P113774
71	00-41145	O-Ring (φ18xφ1.5)	1	P109178
72	I130-511	Pin	1	P141658
73ED	00-41125	O-Ring (φ20.35xφ1.78)	1	P141412
74EB	I70-601	Muffler	1	P102484
75	I100-603	Exhaust Deflector	1	P107026
76	00-41111	O-Ring (φ16xφ1.5)	1	P102488
77	I100-604A	Air Inlet 1/4"-19PF	1	P107006
	I100-604B	Air Inlet 1/4"-19PT		#N/A
	I100-604C	Air Inlet 1/4"-18NPT		#N/A
78C	I130-453	Spring	1	P141659
80C	I130-455	Valve	1	P141661
82EE	00-41156	O-Ring (φ3.5xφ1.5)	3	P141475
83EG	00-4157	O-Ring (φ10xφ1.5)	1	#N/A
83EH	32055-WRBA-02	Pin Assembly	1	P180489
※	IS130SK-DO	Service kit :Index No- 7EG(2); 10; 11; 12; 13; 16(2); 18B; 26; 44C; 78C; 82EE(2)		P113784
※	IS130RK-DO	Repair kit :Index No- 9; 15B(2); 17B(2); 25; 38(9); 49; 65EA; 66EA; 67EA		P113776
※	01-0507B	Impulse Oil (1000c.c)		P141084
※	01-0508B	Impulse Oil (100c.c)		P141085

10. DPTS-150

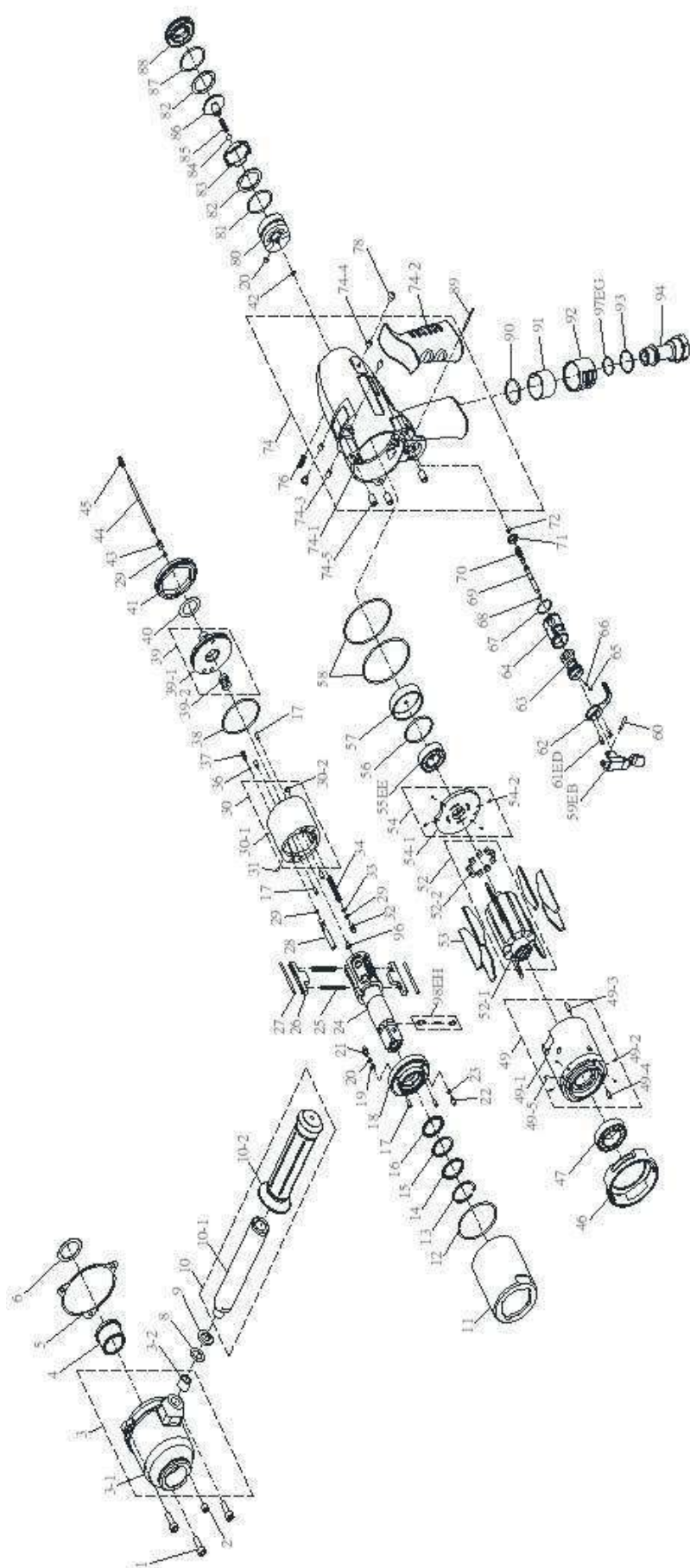


Index	Part No.	Description	Qty	Code
1	00-0612	Set Screw (1/16"x27NPTx1/4"L)	1	P141600
2	I150-201	Pulse Unit Housing	1	P141454
3	I150-202	Bushing	1	P141444
4	I150-424	Washer	1	P141544
5	I150-401	Pulse Cylinder Seat	1	P141487
6	00-41198	O-Ring (φ47.5xφ2)	2	P141477
7	I150-458	C type Retainer Ring	1	P141927
8	I150-457	Washer	1	P141545
9	I150-409	Back Up Ring	1	P141438
10	00-2605	X-Ring (φ25.07xφ30.31xφ2.62)	1	P141548
11	00-3426	Pin (φ3x7)	2	P113547
12	I150-408	Front Plate	1	P113697
13	I150-431	Back Up Ring	1	P141439
14	00-41156	O-Ring (φ3.5xφ1.5)	1	P141475
15	I150-411	Valve Screw	1	P141429
16	I150-407	Spring	2	P141523
17	I150-410	Greasing Screw	1	P113672
18	00-41178	O-Ring (φ2.5xφ1.5)	3	P141474
19	I150-405	Anvil	1	P141466
20	I150-406	Drive Blade	2	P141448
21	I150-452	Roller	2	P141514
22	IS40-450	Block Valve	1	P105819
23	00-41199	O-Ring (φ1.8xφ1.9)	1	P104998
24	00-41113	O-Ring (φ2xφ1.5)	2	P103872
25	I150-459	Back Up Ring	1	P141440
26	I150-455	Valve	1	P141538
27	I150-453	Spring	1	P141524
28	00-3432	Pin (φ4x7)	4	P141611
29	420-PW150-286-0404-10	Pulse Cylinder, Compl.	1	#N/A
29-1	I150-404	Pulse Cylinder	1	P141485
29-2	I150-454	Block Cap	1	P141442
31	IS150-412	Valve	1	P141539
32	00-3829	Steel Ball (φ3.5)	1	P141534
33	IS150-425	Spring	1	P141525
34	00-3428	Pin (φ2x6)	1	P141639
35	420-PW150-186-0415-10	Rear Plate, Compl.	1	#N/A
35-1	IS150-415@	Rear Plate	1	#N/A
35-2	IS40S-420-B	Block Cover	1	#N/A

Index	Part No.	Description	Qty	Code
36	00-41173	O-Ring (φ1.42xφ1.53)	1	P103519
37	IS40S-421	Pressure Valve	1	P113286
38	IS130-314	Shut Off Stem	1	P113272
39	IS150-317	Spring	1	P104329
40	I150-423	Washer	1	P141546
41	I150-402	Lock Nut	1	P141462
42	I150-306	Lock Nut	1	P141463
43	00-2354	Ball Bearing (6904ZZ)	1	P113424
44	420-PW150-286-0302-10	Cylinder, Compl.	1	#N/A
44-1	I150-302	Cylinder	1	P141928
44-2	I40S-318	Block	4	#N/A
44-3	00-3361	Spring Pin (φ3.5x10)	1	P141644
44-4	00-3324	Spring Pin (φ2x5)	1	P141400
46EE	I130-304	Rotor Blade	9	P141646
48	420-PW150-286-0303-10	Rotor , Compl.	1	#N/A
48-1	I150-303	Rotor	1	P141516
48-2	I150-320	Plug	9	#N/A
※	IS150-400ASM	Pulse unit : Index No- 5,6(2),7,8,9,10,11(2),12,13,14,15,16(2),17,18(2),19,20(2),21(2), 22,24,25,26,27,28(4),29,31,32,33,34,35,36,37,41		P141491
49	420-PW150-286-0305-10	Rear Plate, Compl.	1	#N/A
49-1	I150-305	Rear Plate	1	P113707
49-2	I40S-318	Block	4	#N/A
50	00-2353	Ball Bearing (16003)	1	P107121
51	00-41200	O-Ring (φ57xφ2)	2	P141472
52	00-4171	O-Ring (φ36xφ2)	1	P141471
53	IS150-307	Rear Cover	1	P141510
54	IS130-524	Valve Seat	1	P141650
55	00-41138	O-Ring (φ28.3xφ1.78)	1	P107142
56	00-3824	Steel Ball (φ4)	1	P113597
57	IS130-313	Spring	1	P141652
58	IS130-312	Valve Washer	2	P141651
59	IS130-311	Valve	1	P141653
60	IS130-518	Seat	1	P141654
61	420-PW150-186-0101-10	Motor Housing, Compl.	1	#N/A
61-1	IS150-101	Motor Housing	1	P113699
61EB-2	I150-103	Housing Rubber	1	P113288
61-3	00-3353	Spring Pin (φ5x8)	4	P141531

Index	Part No.	Description	Qty	Code
64	00-41194	O-Ring (φ30xφ2)	1	P141656
65	I130-104	Nut	1	P141657
66EC	I150-504B	Trigger	1	P113684
67	00-3308	Spring Pin (φ3x18)	1	P141886
68EF	00-0512	Flat Head Screw (M3x8L)	2	P113583
69	I150-503	Regulator Knob	1	P141887
70	00-3813	Steel Ball (φ1/8)	1	P103896
71	I100-506	Spring	1	P104996
72	IS150-502	F/R Valve	1	P141452
73	I150-501	Valve Sleeve	1	P141542
74EF	00-41145	O-Ring (φ18xφ1.5)	1	P109178
75	00-4101	O-Ring (φ3xφ1)	1	P103878
76	IS150-505	Valve Stem	1	P141543
77	I150-507	Spring	1	P141893
78	I150-508	Bushing	1	P141894
79	00-3427	Pin (φ2x24.8)	1	P141482
80	00-41203	O-Ring (φ19xφ2)	1	P141473
81	I150-601	Muffler	1	P141468
82	I150-603	Exhaust Deflector	1	P141450
83	IS100-609	Screw	1	P113182
84	I150-604A	Air Inlet 1/4"-19PF	1	P141431
	I150-604B	Air Inlet 1/4"-19PT		#N/A
	I150-604C	Air Inlet 1/4"-18NPT		#N/A
86EF	00-41244	O-Ring (φ19xφ1.5)	1	P141895
87EH	00-4157	O-Ring (φ10xφ1.5)	1	#N/A
88EI	I150-400ASM	Pulse Unit	1	#N/A
※	IS150SK-DO	Service kit :Index No- 6(2); 9; 10; 13; 14; 15; 16(2); 17; 18; 22; 25; 27; 36		P109091
※	IS150RK-DO	Repair kit :Index No- 12; 20(2); 21(2); 23; 35; 46EE(9); 57; 77; 78		P141718
※	01-0507B	Impulse Oil (1000c.c)		P141084
※	01-0508B	Impulse Oil (100c.c)		P141085

11. DPTS-180

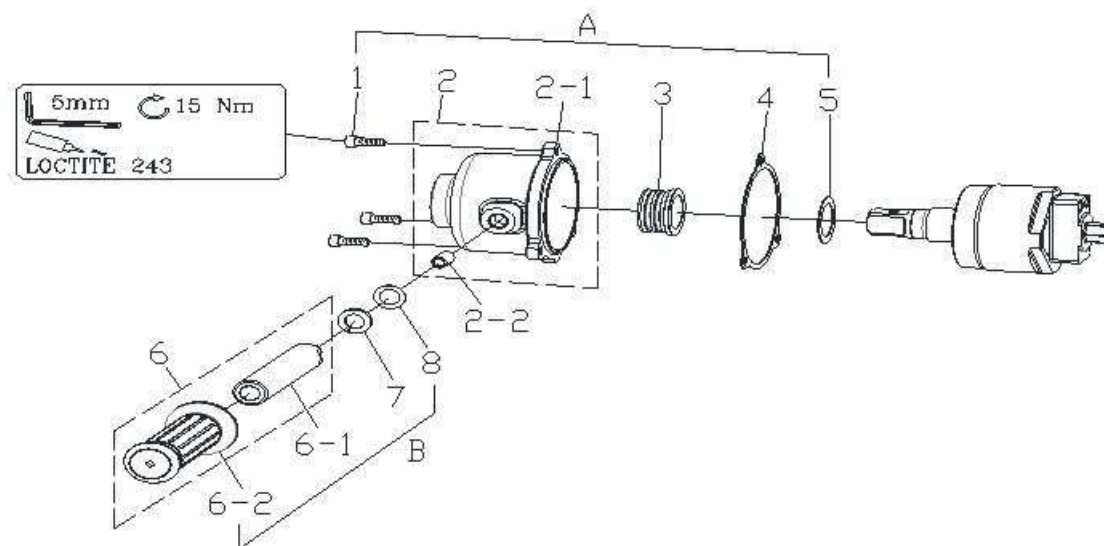


Index	Part No.	Description	Qty	Code
1	00-0140	Cap Screw (M6xP1x18L)	3	P141827
2	00-0612	Set Screw (1/16"x27NPTx1/4"L)	1	P141600
3	420-PW180-286-0201-10	Pulse Unit Housing, Compl.	1	#N/A
3-1	I180-201	Pulse Unit Housing	1	P141490
3-2	00-4313	Helicoil (M12xP1.5x1D)	1	P141456
4	I180-202	Bushing	1	P141445
5	I180-205	Gasket	1	P141165
6	I150-424	Washer	1	P141544
8	00-1514	Plain Washer (φ13xφ19x1t)(Accessory kit)	1	P113662
9	00-1811	Spring Washer (M12)(Accessory kit)	1	P113660
10	420-PW180-286-0206-10	Side Handle, Compl.(Accessory kit)	1	#N/A
10-1	I180-206	Side Handle(Accessory kit)	1	P113658
10-2	275-029	Rubber Sleeve(Accessory kit)	1	#N/A
11	I180-401	Pulse Cylinder Seat	1	P141489
12	00-41207	O-Ring (φ52xφ2)	1	P141479
13	I150-458	C type Retainer Ring	1	P141927
14	I150-457	Washer	1	P141545
15	I150-409	Back Up Ring	1	P141438
16	00-2605	X-Ring (φ25.07xφ30.31xφ2.62)	1	P141548
17	00-3460	Pin (φ4x8)	6	P141041
18	I180-408	Front Plate	1	P141455
19	I150-431	Back Up Ring	1	P141439
20	00-41156	O-Ring (φ3.5xφ1.5)	2	P141475
21	I150-411	Valve Screw	1	P141429
22	I150-410	Greasing Screw	1	P113672
23	00-41113	O-Ring (φ2xφ1.5)	1	P103872
24	I180-405	Anvil	1	P141437
25	I180-407	Spring	2	P141526
26	I180-406	Drive Blade	2	P141449
27	I180-452	Roller	2	P141515
28	IS180-412	Valve	1	P141540
29	00-41178	O-Ring (φ2.5xφ1.5)	3	P141474
30	420-PW180-286-0404-10	Pulse Cylinder, Compl.	1	#N/A
30-1	I180-404	Pulse Cylinder	1	P141486
30-2	I150-454	Block Cap	1	P141442
31	00-3428	Pin (φ2x6)	1	P141639
32	I150-455	Valve	1	P141538
33	I150-459	Back Up Ring	1	P141440
34	I180-453	Spring	1	P141527
36	00-3829	Steel Ball (φ3.5)	1	P141534
37	IS180-425	Spring	1	P141528
38	00-41208	O-Ring (φ49.5xφ2)	1	P141478
39	420-PW180-186-0415-10	Rear Plate, Compl.	1	#N/A
39-1	IS180-415@	Rear Plate	1	#N/A
39-2	IS180-420	Block Cover	1	#N/A

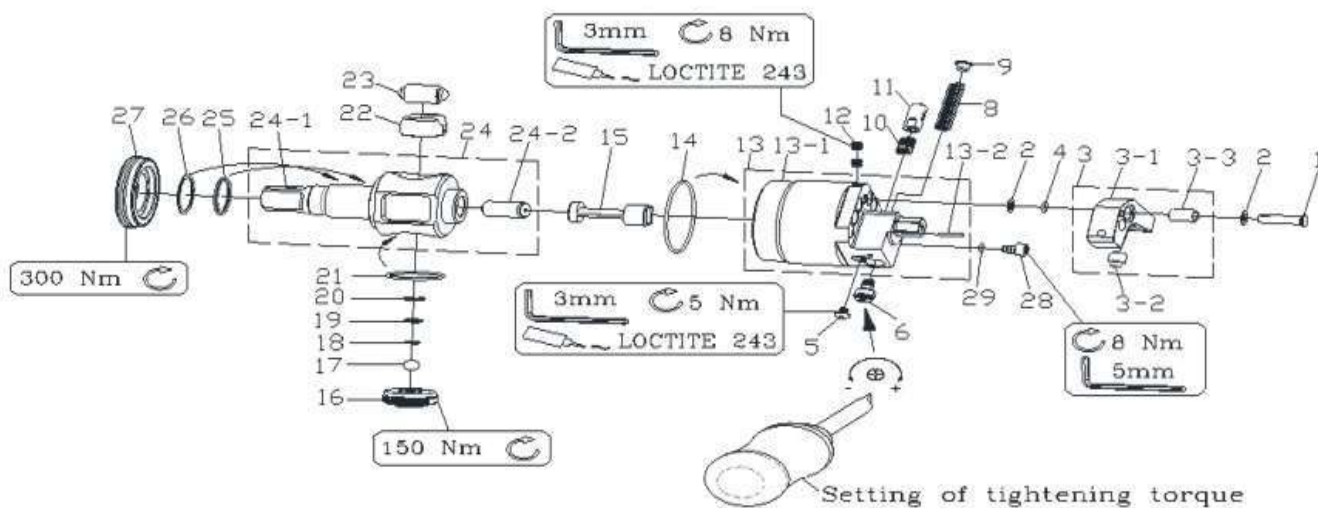
Index	Part No.	Description	Qty	Code
40	I150-423	Washer	1	P141546
41	I180-402	Lock Nut	1	P141464
42	00-4153	O-Ring (φ3xφ1.5)	1	P107168
43	IS180-421	Pressure Valve	1	P141483
44	IS180-314	Shut Off Stem	1	P141521
45	IS180-317	Spring	1	P141529
46	I180-319	Lock Washer	1	P141465
47	00-2383	Ball Bearing (6905ZZ)	1	P141441
49	420-PW180-286-0302-10	Cylinder, Compl.	1	#N/A
49-1	I180-302	Cylinder	1	P141446
49-2	I40S-318	Block	4	#N/A
49-3	00-3312	Spring Pin (φ4x12)	1	P141532
49-4	00-3314	Spring Pin (φ4x8)	1	P141533
49-5	00-3325	Spring Pin (φ2x6)	1	P141354
52	420-PW180-286-0303-10	Rotor, Compl.	1	#N/A
52-1	I180-303	Rotor	1	P141517
52-2	I180-320	Plug	9	#N/A
※	IS180-400ASM	Pulse unit : Index No- 11,12,13,14,15,16,17(6),18,19,20(2),21,22,23,24,25(2),26(2),27(2),28,29(3),30,31,32,33,34,36,37,38,39,41,43,96		P141492
53	I180-304	Rotor Blade	9	P141042
54	420-PW180-286-0305-10	Rear Plate, Compl.	1	#N/A
54-1	I180-305	Rear Plate	1	P141513
54-2	I40S-318	Block	4	#N/A
55EE	00-2385	Ball Bearing (6003ZZ)	1	P141861
56	00-4171	O-Ring (φ36xφ2)	1	P141471
57	IS180-307	Rear Cover	1	P141509
58	00-41209	O-Ring (φ64.5xφ2)	2	P141480
59EB	I150-504B	Trigger	1	P113684
60	00-3308	Spring Pin (φ3x18)	1	P141886
61ED	00-0512	Flat Head Screw (M3x8L)	2	P113583
62	I150-503	Regulator Knob	1	P141887
63	IS150-502	F/R Valve	1	P141452
64	I150-501	Valve Sleeve	1	P141542
65	00-3813	Steel Ball (φ1/8")	1	P103896
66	I100-506	Spring	1	P104996
67	00-41145	O-Ring (φ18xφ1.5)	1	P109178
68	00-4101	O-Ring (φ3xφ1)	1	P103878
69	IS150-505	Valve Stem	1	P141543
70	I150-507	Spring	1	P141893
71	I150-508	Bushing	1	P141894
72	00-41199	O-Ring (φ1.8xφ1.9)	1	P104998
74	420-PW180-186-0101-10	Motor Housing, Compl.	1	#N/A
74-1	IS180-101	Motor Housing	1	P141467
74-2	I180-103	Housing Rubber	1	P141461

Index	Part No.	Description	Qty	Code
74-3	00-3353	Spring Pin (φ5x8)	2	P141531
74-4	00-4302	Helicoil (M5xP0.8x1.5D)	2	P141458
74-5	00-4312	Helicoil (M6xP1.0x2D)	3	P141457
76	IS100-609	Screw	1	P113182
78	00-1304	Cap Screw (M5xP0.8x6L)	2	P141874
80	IS180-524	Valve Seat	1	P141541
81	00-41206	O-Ring (φ31.47xφ1.78)	1	P141476
82	IS180-312	Valve Washer	2	P141547
83	IS180-518	Seat	1	P141518
84	00-3812	Steel Ball (7/32")	1	P141535
85	IS180-313	Spring	1	P141530
86	IS180-311	Valve	1	P141537
87	00-4135	O-Ring (φ32xφ2)	1	P141648
88	I180-104	Nut	1	P141470
89	00-3461	Pin (φ2x30)	1	P141881
90	00-41166	O-Ring (φ24xφ2)	1	P141623
91	I180-601	Muffler	1	P141469
92	I180-603	Exhaust Deflector	1	P141451
93	00-4158	O-Ring (φ22xφ1.5)	1	P113640
94	I180-604A	Air Inlet 3/8"-19PF	1	P141432
	I180-604B	Air Inlet 3/8"-19PT		#N/A
	I180-604C	Air Inlet 3/8"-18NPT		#N/A
96	IS180-450	Block Valve	1	P141443
97EG	00-4121	O-Ring (φ15xφ1.5)	1	P142059
98EH	I150-400ASM	Pulse Unit	1	#N/A
※	IS180SK-DO	Service kit :Index No- 5; 12; 15; 16; 19; 20; 21; 22; 25(2); 29(3); 33; 34; 38; 96		P141679
※	IS180RK-DO	Repair kit :Index No- 18; 26(2); 27(2); 39; 53(9); 70; 71; 72; 85		P141680
※	01-0507B	Impulse Oil (1000c.c)		P141084
※	01-0508B	Impulse Oil (100c.c)		P141085

12. DPTS-200

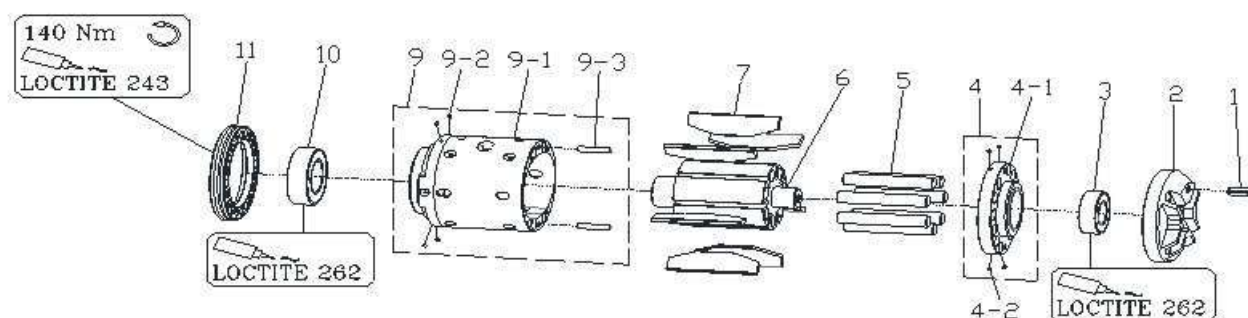


Index	Part No.	Description	Qty	Code
1	00-0140	Cap Screw	3	P141827
2	420-PW200-586-0201-10	Pulse Unit Housing, Compl.	1	#N/A
2-1	I200-201	Pulse Unit Housing	1	P141828
2-2	00-4313	Helicoil	1	P141456
3	I200-202	Bushing	1	P141829
4	I200-205	Gasket	1	P141830
5	I200-424C	Washer	1	P141831
6	420-PW180-286-0206-10	Side Handle, Compl.	1	#N/A
6-1	I180-206	Side Handle	1	P113658
6-2	275-029	Rubber Sleeve	1	#N/A
7	00-1811	Spring Washer	1	P113660
8	00-1514	Plain Washer	1	P113662

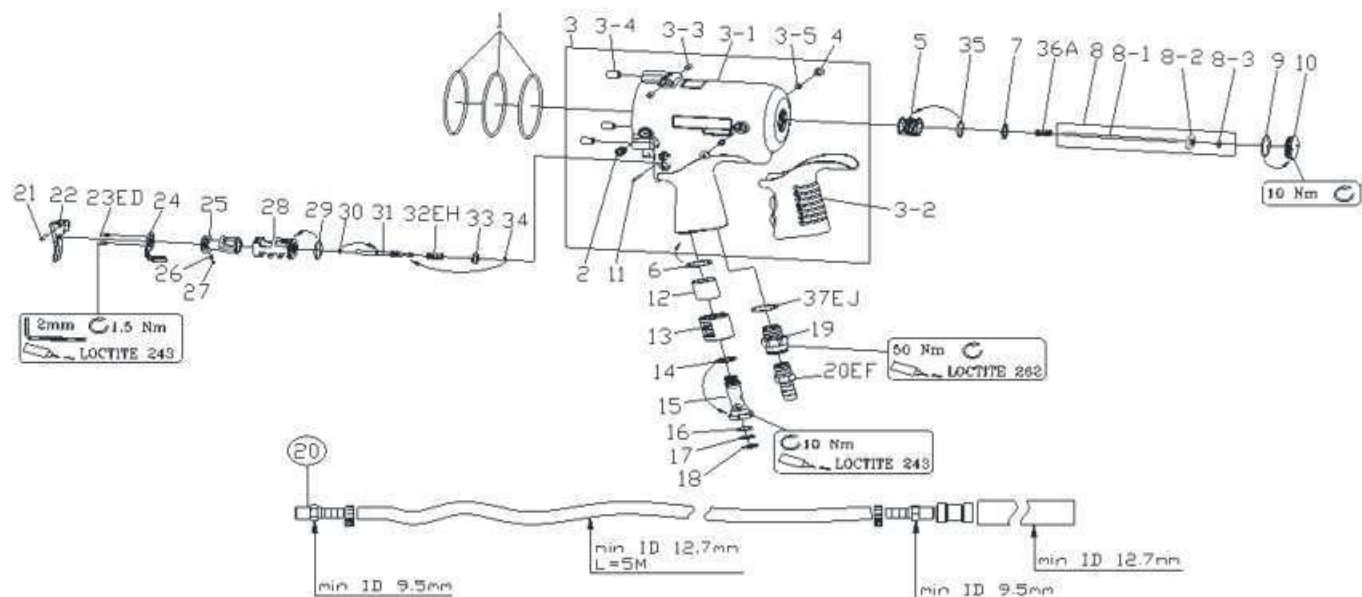


Index	Part No.	Description	Qty	Code
1	IS200-474	Pin	1	P141832
2	IS200-475	Washer	2	P141833
3	420-PW200-486-0473-10	Inertia Block, Compl.	1	#N/A
3-1	IS200-473@	Inertia Block	1	#N/A
3-2	IS200-483	Pin Block	1	#N/A
3-3	IS200-491	Bushing	1	#N/A
4	00-41243	O-Ring	1	P141835
5	00-1304	Cap Screw	1	P141874
6	IS200-478	Adjusting Screw	1	P141837
8	IS200-481	Adjusting Spring	1	P141838
9	IS200-477	Spring Setter	1	P141839
10	IS200-484	Spring	1	P141840
11	IS200-482	Pin	1	P141841
12	IS200-493	Set Screw	2	P141842
13	420-PW200-486-0404-10	Pulse Cylinder, Compl.	1	#N/A
13-1	IS200-404	Pulse Cylinder	1	P141843
13-2	00-3472	Pin	1	#N/A
14	00-41216	O-Ring	1	P141844
15	IS200-479	Roll Shaft	1	P141845
16	IS200-476	Locking Nut	1	P141846
17	00-3832	Steel Ball	1	P141847
18	IS200-494	Collar	1	P141848
19	IS200-469	Washer	1	P141849
20	00-3118	C type Retainer Ring	1	P141850

Index	Part No.	Description	Qty	Code
21	00-41136	O-Ring	1	P141851
22	I200-467	Piston	1	P141852
23	I200-468	Roller	1	P141853
24	420-PW200-486-0405-10	Anvil, Compl.	1	#N/A
24-1	IS200-405@	Anvil	1	#N/A
24-2	I200-490	Roller Plug	1	#N/A
25	00-2606	X-Ring	1	P141855
26	I200-409	Back Up Ring	1	P141856
27	I200-402	Lock Nut	1	P141857
28	00-0147	Cap Screw	1	P141858
29	00-41179	O-Ring	1	P113664



Index	Part No.	Description	Qty	Code
1	00-3370	Spring Pin	1	P141859
2	I200-310	AirInlet Plate	1	P141860
3	00-2385	Ball Bearing	1	P141861
4	420-PW200-586-0305-10	Rear Plate, Compl.	1	#N/A
4-1	I200-305@	Rear Plate	1	#N/A
4-2	I100-318	Block	4	#N/A
5	I200-322	Roll Plug	7	P141863
6	I200-303	Rotor	1	P141864
7	I200-304	Rotor Blade	7	P141865
9	420-PW200-586-0302-10	Cylinder, Compl.	1	#N/A
9-1	I200-302@	Cylinder	1	#N/A
9-2	I100-318	Block	4	#N/A
9-3	00-3330	Spring Pin	2	P141866
10	00-2386	Ball Bearing	1	P141868
11	I200-306	Lock Nut	1	P141869



Index	Part No.	Description	Qty	Code
1	00-41218	O-Ring	3	P141871
2	00-0616	Set Screw	1	P141872
3	420-PW200-586-0101-10	Motor Housing, Compl.	1	#N/A
3-1	I200-101	Motor Housing	1	P141873
3-2	I200-103	Housing Rubber	1	#N/A
3-3	00-3353	Spring Pin	2	P141531
3-4	00-4312	Helicoil	3	P141457
3-5	00-4302	Helicoil	2	P141458
4	00-1304	Cap Screw	2	P141874
5	IS200-518	Seat	1	P141875
6	00-41145	O-Ring	1	P109178
7	IS200-312	Valve Washer	1	P141877
8	420-PW200-486-0314-10	Shut Off Stem, Compl.	1	#N/A
8-1	IS200-314	Shut Off Stem	1	#N/A
8-2	IS200-311@	Valve	1	#N/A
8-3	00-41245	O-Ring	1	#N/A
9	00-41128	O-Ring	1	P141879
10	I200-104	Nut	1	P141880
11	00-3461	Pin	1	P141881
12	I200-601	Muffler	1	P141882
13	I200-603	Exhaust Deflector	1	P113674
14	00-41111	O-Ring	1	P102488
15	I200-610	Air Inlet Bushing	1	P141883

Index	Part No.	Description	Qty	Code
16	I200-605	Muffler	1	P113678
17	I200-606	Filter	1	P113680
18	00-3103	Snap Ring	1	P113682
19	I200-604A	Air Inlet	1	P141430
19	I200-604B	Air Inlet	1	#N/A
19	I200-604C	Air Inlet	1	#N/A
20EF	P45	Nipple	1	P141920
21	00-3308	Spring Pin	1	P141886
22	I150-504B	Trigger	1	P113684
23ED	00-0512	Flat Head Screw	2	P113583
24	I150-503	Regulator Knob	1	P141887
25	IS200-502	F/R Valve	1	P141888
26	I100-506	Spring	1	P104996
27	00-3813	Steel Ball	1	P103896
28	I200-501	Valve Sleeve	1	P141890
29	00-41146	O-Ring	1	P141891
30	00-4101	O-Ring	1	P103878
31	IS200-505	Valve Stem	1	P141892
32EH	I200-507	Spring	1	#N/A
33	I150-508	Bushing	1	P141894
34	00-41199	O-Ring	1	P104998
35	00-41244	O-Ring	1	P141895
36A	IS200-317	Spring	1	P141896
37EJ	00-41217	O-Ring	1	#N/A

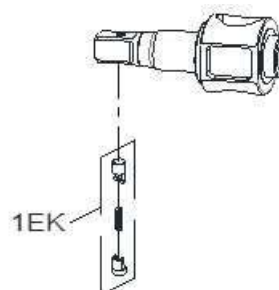
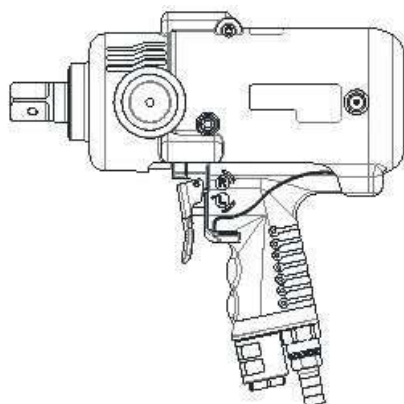
13. DPTS-200 REPAIR KIT IS200RK-DO

Index	Part No.	Description	Qty	Code
1	I200-205	Gasket	1	P141830
2	00-41216	O-Ring	1	P141844
3	00-2606	X-Ring	1	P141855
4	I200-409	Back Up Ring	1	P141856
5	00-41179	O-Ring	1	P113664

14. DPTS-200 SERVICE KIT IS200SK-DO

Index	Part No.	Description	Qty	Code
1	420-PW200-486-0473-10	Inertia Block, Compl.	1	#N/A
1-1	IS200-473@	Inertia Block	1	#N/A
1-2	IS200-483	Pin Block	1	#N/A
1-3	IS200-491	Bushing	1	#N/A
2	00-41243	O-Ring	1	P141835
3	00-41136	O-Ring	1	P141851
5	I200-304	Rotor Blade	7	P141865
6	00-2386	Ball Bearing	1	P141868
7	00-41218	O-Ring	3	P141871
8	00-41145	O-Ring	1	P109178
9	00-41128	O-Ring	1	P141879
10	I200-601	Muffler	1	P141882
11	00-41111	O-Ring	1	P102488
12	I200-605	Muffler	1	P113678
13	00-41146	O-Ring	1	P141891
14	00-4101	O-Ring	1	P103878
15	00-41199	O-Ring	1	P104998
16A	IS200-317	Spring	1	P141896
17	00-41244	O-Ring	1	P141895
18EG	I200-467	Piston	1	P141852
19EG	I200-468	Roller	1	P141853
20	420-PW200-486-0405-10	Anvil, Compl.	1	#N/A
20EG-1	IS200-405	Anvil	1	P141854
20-2	I200-490	Roller Plug	1	#N/A
21EG	I200-402	Lock Nut	1	P141857

15. DPTS-200 OIL + PIN RETAINER



Index	Part No.	Description	Qty	Code
2EE	01-0507C	Impulse Oil	1000c.c	P141086
3EI	01-0508C	Impulse Oil	100c.c	P141087
1EK	I150PR001ASM	Pin Retainer	1	P101889

