



*Impulse wrenches
& screwdrivers*

A large, light gray, stylized letter 'S' is positioned vertically on the left side of the page, serving as a background element. It has a subtle 3D effect with a slight shadow.

INSTRUCTIONS MANUAL

IMPORTANT

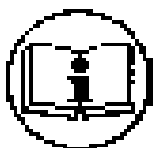


The tool delivered with this manual may been modified for specific needs.

In that case, please give us the tool code number written on our shipping note or the appoximate tool delivery date when you will place an order for a new similar tool or for spare parts.

In that way, you will be sure to get the required and/or spare part.

WARNING



This information has to be kept in a location known by all users.



Each operator has to read carrefully this manual before installing, using, and mending the product.

Be sure that the operator has understood using recommendations and the meaning of signs put on the product.

Most accidents could be avoided respecting this Manual Instructions. As a matter of fact, they were created according to European laws and norms regarding products.

In each case, please respect and follow safety national norms. Do not take off nor damage the stickers or advise put on the product and above all the details imposed by the law.

General Safety Rules

ALWAYS OBSERVE THE FOLLOWING RULES TO ASSURE SAFE USE OF THE TOOLS!!

- Do not operate the impulse tools unless you fully understand the instructions contained in this manual. If any unclear, please contact the agents.
- Never expose to rain or use in damp locations.
- Always use the proper pressure at air inlet. Apply either less or exceed air inlet pressure will affect the performance of the tools, including quality, torque, function, and life, then lead to damage.

Air inlet pressure standard

0.5 Mpa~0.6 Mpa (5.2kg/cm² ~6.2kg/cm²)

- Always add oil about 0.5~1cc at air inlets at least every week to maintain the performance and the life of the impulse tools.
- Keep children away. Tools must need to be kept in a safe and clean position where children cannot reach.
- DO NOT force tools. The tool will be damaged easily and quickly if over-load over 15 seconds.
- Always use the proper length of air hose. The length of air hose shall not exceed 5m, or the pressure reduces. Do be sure the air inlet pressure is in between the standard number(0.5Mpa~0.6Mpa) before operating tools.
- Always use safety glasses and earphone.
- Always operate the tools by two hands. One hand operation may cause risk of injury to persons.
- Disconnect the air hose and the quick nipple after operating tools. Be sure to return tools to safety position. Tools drop or unintentionally contact can cause risk of injury.
- Install the safety buckle to avoid tools drop while operating in high position.
- Never contact with any electricity conducted objects to avoid electricity shock hazard.

Replacement and Maintenance

- (1) Never try to repair or replace the defective tools by others under the warranty period. The authorized service centers have the right to refuse or certain fee may incur for extra repair work.
- (2) Keep all related servicing records for future repairs, maintenance, and adjustment.
- (3) The warranty does not apply to accessories or damage caused where repairs have been made or attempted by others.
- (4) DOGA will repair, without charge, any defects due to faulty material under the warranty period.
- (5) The warranty does not cover part failures due to normal wear and tool abuse, and damage caused due to any appropriate appliances, i.e. tool over loaded, improper air inlet pressure and air hose size, unauthorized replacement parts.

Steps for Torque Adjustment- Pistol

Type

1. Loosen the screw on the pulse unit housing.



The pulse unit housing must not be untightened.

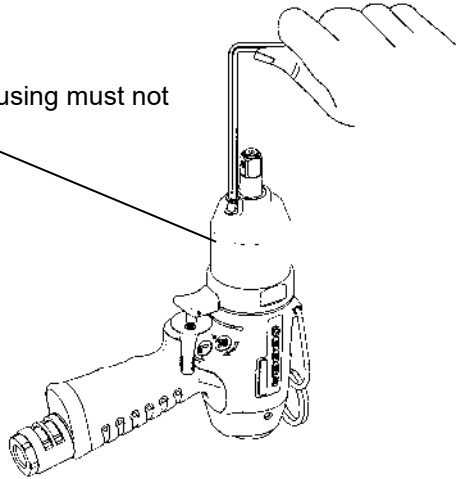


Fig.1

2. Rotate the anvil manually; make the valve screw inside the pulse the screw taken off). Then, use the attached tool to adjust the torque. turning clockwise and vise versa.

unit aim at the hole (where Torque increased by

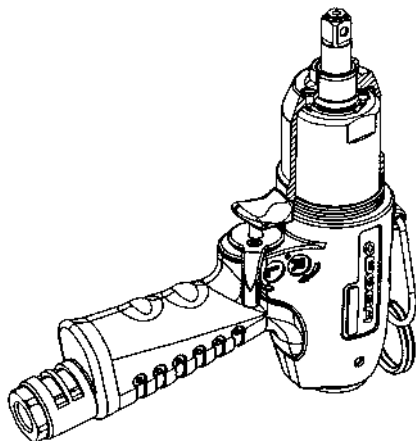
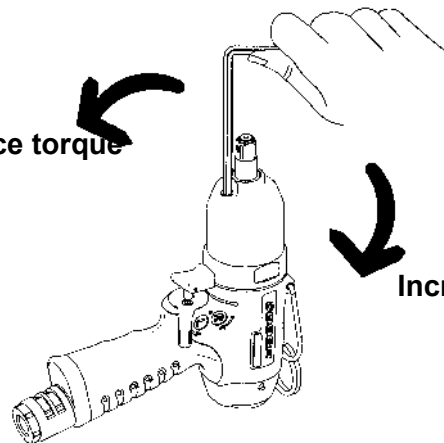


Fig.2

Reduce torque



Increase torque

Fig.3

3. Tighten the screw back to the pulse unit housing.

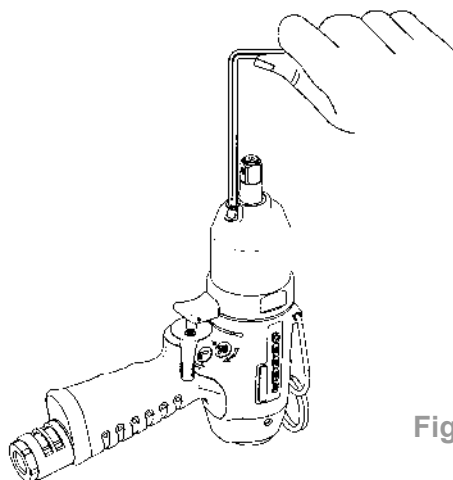


Fig.4

Steps for Torque Adjustment- Straight Type

1. Loosen the screw on the pulse unit housing.



The pulse unit housing must not be untightened.

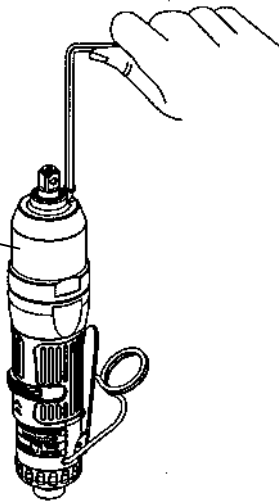


Fig.1

2. Rotate the anvil manually; make the valve screw inside the pulse unit aim at the hole (where the screw taken off). Then, use the attached tool to adjust the torque. Torque increased by turning clockwise and vise versa.

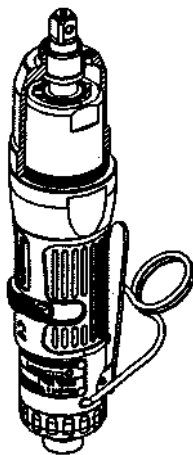


Fig.2

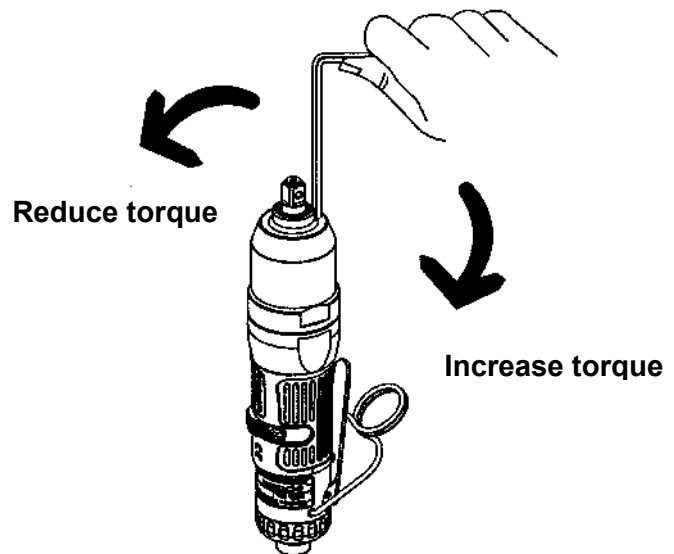


Fig.3

3. Tighten the screw back to the pulse unit housing.

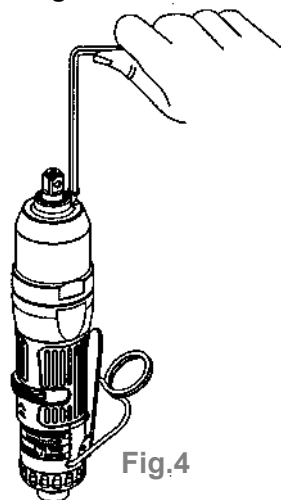
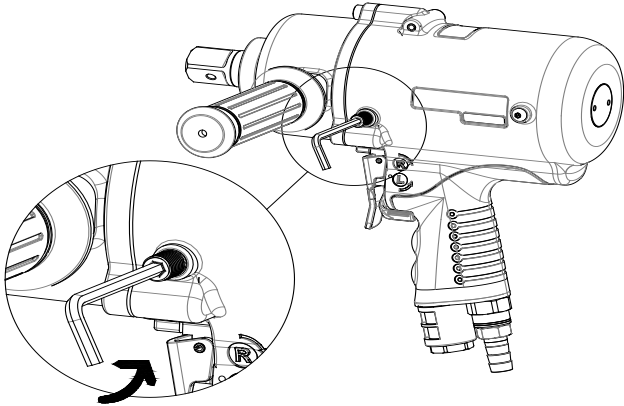


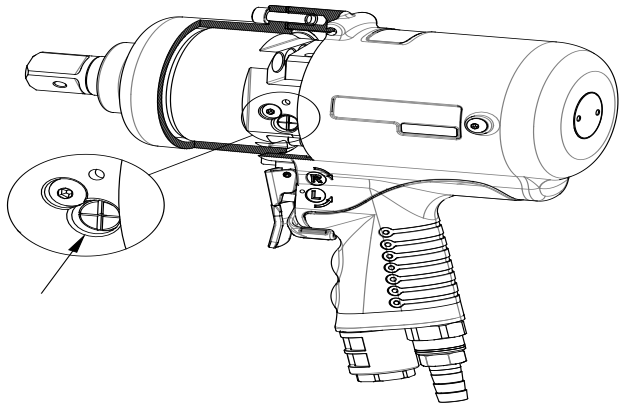
Fig.4

Steps for Torque Adjustment for DPTS-200

1. Use an Allen wrench to loosen the set screw on the motor housing.

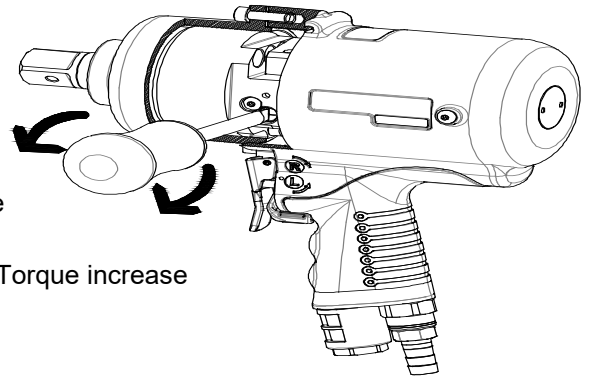


2. Rotate the anvil by hand to find the adjusting screw. Use the slotted screwdriver to adjust the torque. Torque increased by rotating clock wise and vise versa.

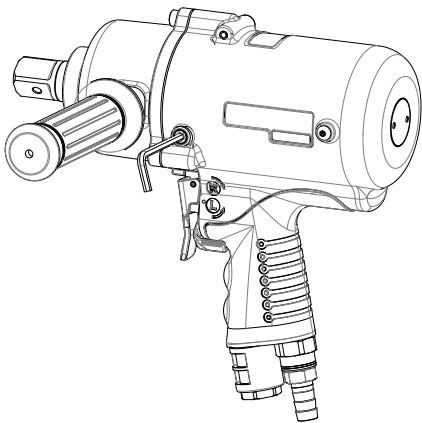


Torque decrease

Torque increase



3. Tighten the set screw back to the motor housing.



Steps for Torque Adjustment- Angle

Type

1. Remove the angle housing kit by loosening the lock nut in direction.

counter clockwise

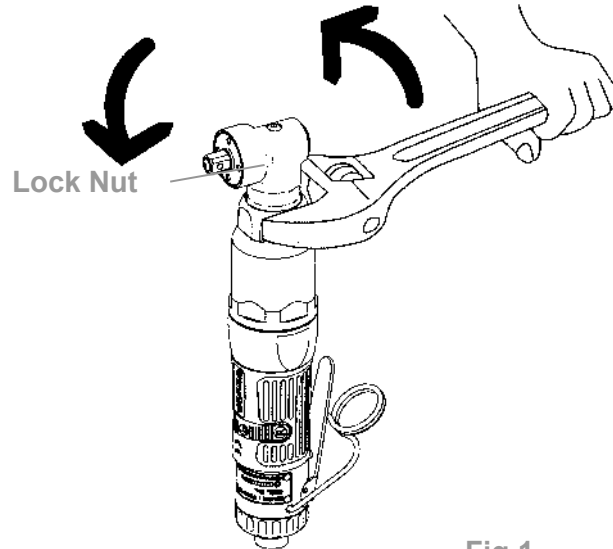


Fig.1

2. Rotate the anvil manually; make the valve screw inside the (where the screw taken off). Then, use the attached tool to increase by turning clockwise and vice versa.

pulse unit aim at the hole
adjust the torque. Torque



The pulse unit housing
must not be untightened.

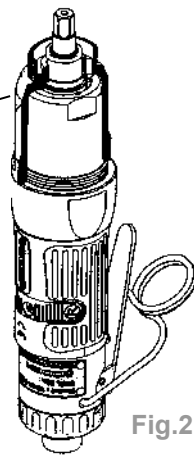


Fig.2

Reduce torque

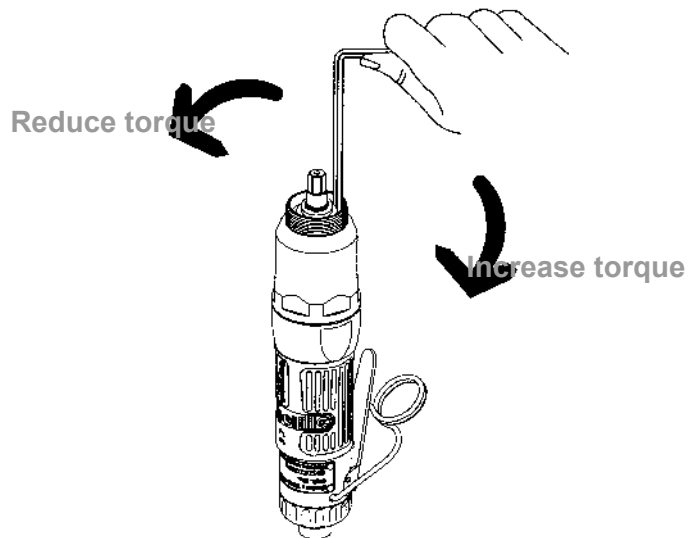
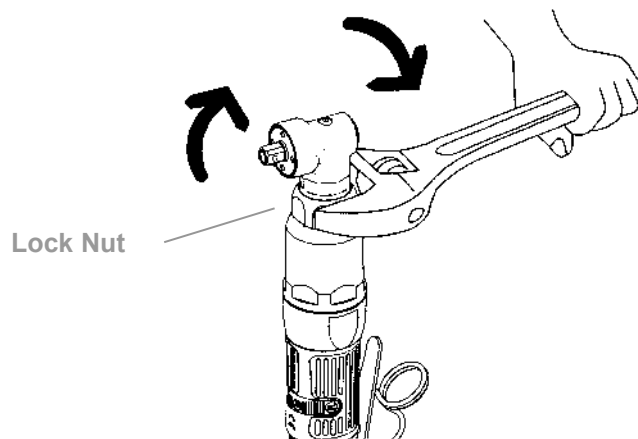
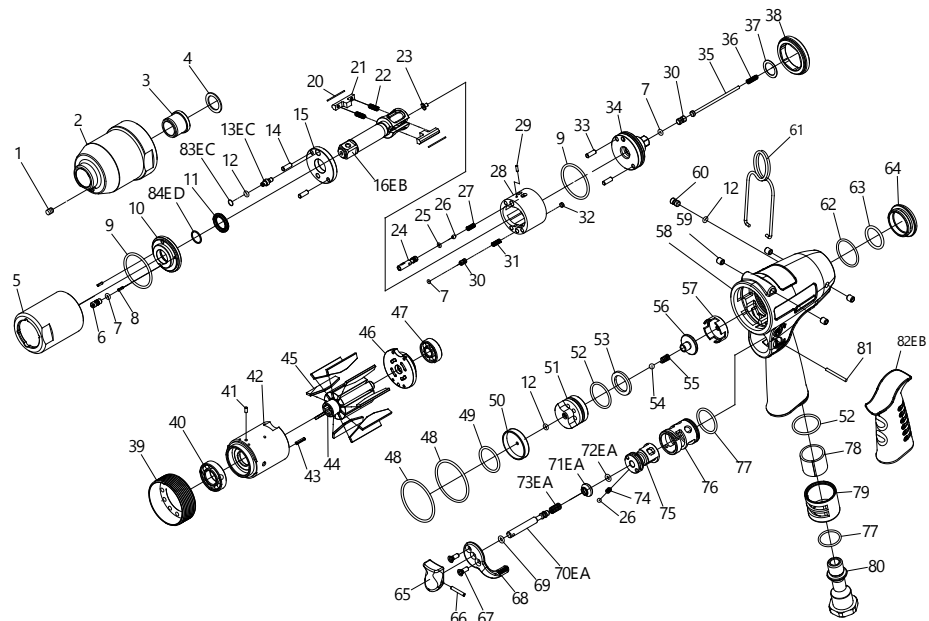


Fig.3

3. Install the angle housing kit back by tightening the lock nut in housing.

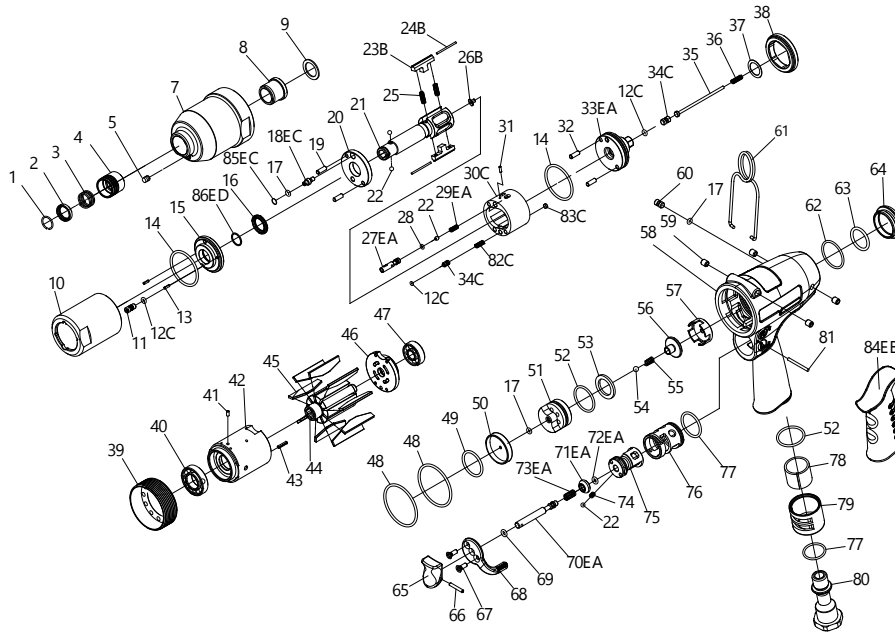
clockwise direction to the



Impulse Wrenches – Pistol Type**DPTS-30 Auto-Shut Off Impulse Wrench (3/8"SQ)**

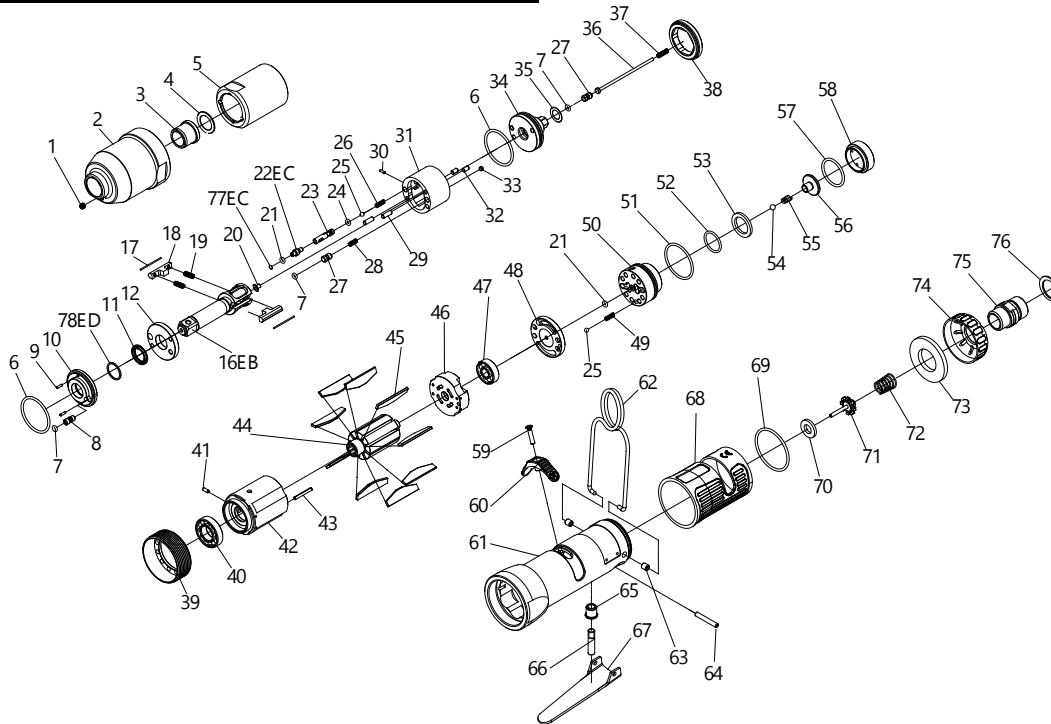
Edition:05E-DO

Index No.	Part No.	Description	Q'ty	Index No.	Part No.	Description	Q'ty
1	00-0610	Set Screw	1	49	00-41135	O-Ring	1
2	I30S-201	Pulse Unit Housing	1	50	IS40-307	Rear Cover	1
3	I40S-202	Bushing	1	51	IS40-524	Valve Seat	1
4	I40S-424	Washer	1	52	00-41145	O-Ring	2
5	I30S-401	Pulse Cylinder Seat	1	53	IS40S-312	Washer	1
6	I30S-410	Greasing Screw	1	54	00-3824	Steel Ball	1
7	00-41173	O-Ring	3	55	IS40S-313	Spring	1
8	00-3318	Spring Pin	2	56	IS40S-311	Valve	1
9	00-41110	O-Ring	2	57	IS40-518	Seat	1
10	I30S-403	Front Cover	1	58	IS40-101	Motor Housing	1
11	00-2604	X-Ring	1	59	I40S-108	Bushing	4
12	00-41113	O-Ring	3	60	IS100-609	Screw	1
13EC	I80-411	Valve Screw	1	61	I40S-102	Hanger	1
14	00-3435	Pin	2	62	00-41146	O-Ring	1
15	I30S-408	Front Plate	1	63	00-4169	O-Ring	1
16EB	I30-405-B	Anvil	1	64	I40-104	Nut	1
20	I30S-406-B	Drive Blade	2	65	I40-504	Trigger	1
21	I40S-452	Roller	2	66	00-3354	Spring Pin	1
22	I30S-407	Spring	2	67	00-0505	Screw	2
23	IS40-450	Block Valve	1	68	I100-503	Regulator Knob	1
24	IS40S-412-C	Valve	1	69	00-4101	O-Ring	1
25	00-41130	O-Ring	1	70EA	IS40-505B	Valve Stem	1
26	00-3813	Steel Ball	2	71EA	I100-508B	Bushing	1
27	IS30S-425	Spring	1	72EA	00-41199	O-Ring	1
28	I30S-404-B	Pulse Cylinder	1	73EA	I40-507B	Spring	1
29	00-3436	Pin	1	74	I100-506	Spring	1
30	IS40S-421	Pressure Valve	2	75	IS40-502	F/R Valve	1
31	I40S-453	Spring	1	76	I40-501	Valve Sleeve	1
32	I40S-454	Block Cap	1	77	00-41111	O-Ring	2
33	00-3407	Pin	2	78	I40-601	Muffler	1
34	IS30S-415-C	Rear Plate	1	79	I40-603	Exhaust Deflector	1
35	IS40-314	Shut Off Stem	1		I40-604A	Air Inlet 1/4"-19PF	
36	IS40S-317	Spring	1	80	I40-604B	Air Inlet 1/4"-19PT	1
37	I40S-423	Washer	1		I40-604C	Air Inlet 1/4"-18NPT	
38	I30S-402	Lock Nut	1	81	I100-511	Pin	1
39	I40S-306	Lock Nut	1	82EB	I60-103	Housing Rubber	1
40	00-2348	Ball Bearing	1	83EC	I80-422	Back Up Ring	1
41	00-3324	Spring Pin	1	84ED	I30S-409	Back Up Ring	1
42	I40-302	Cylinder	1	※	6-1041240	Service kit :Index No- 6; 7(3); 9(2); 11; 12; 22(2); 84ED	
43	00-3356	Spring Pin	1	※	6-1041241	Repair kit :Index No- 15;20(2);21(2); 34; 45(9); 55; 71EA; 72EA; 73EA	
44	I40S-303	Rotor	1	※	6-1023496	Impulse Oil	
45	I40S-304	Rotor Blade	9				
46	I40-305	Rear Plate	1				
47	00-2356	Ball Bearing	1	※			
48	00-41144	O-Ring	2				
※	IS30-400ASM	Pulse unit : Index No- 5,6,7,8,9,10,11,12,13EC,14,15,16EB,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,38,83EC,84ED					

DPTS-30HD Auto-Shut Off Impulse Screwdriver (1/4"SQ)

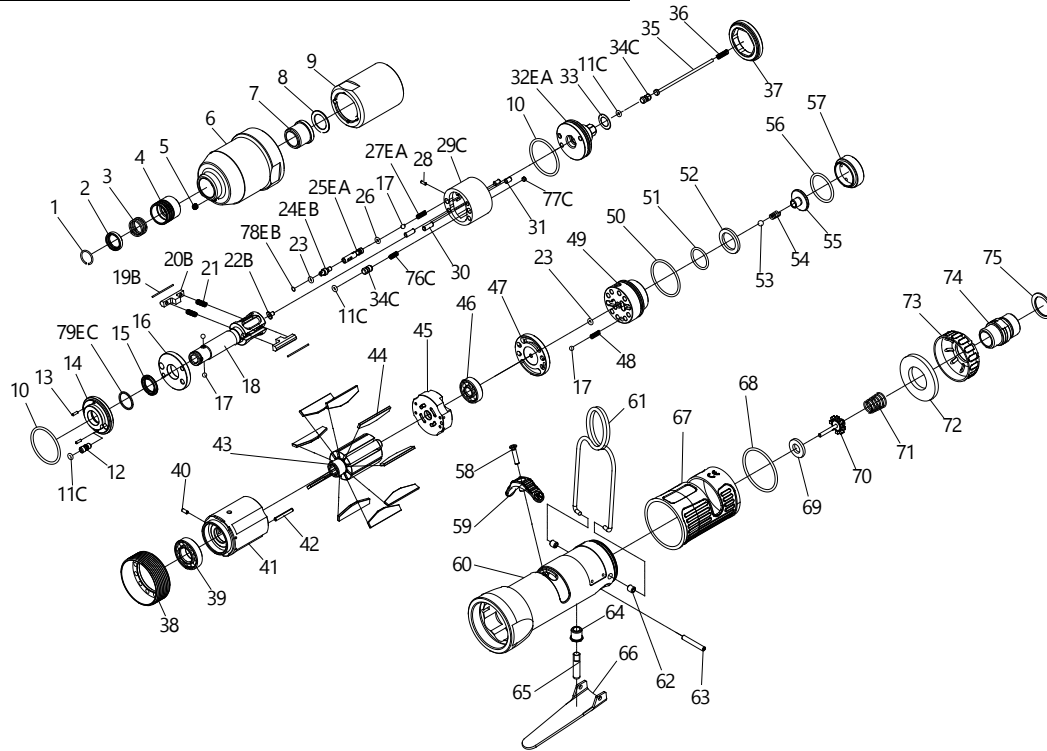
Edition:05E-DO

Index No.	Part No.	Description	Q'ty	Index No.	Part No.	Description	Q'ty
1	757-026	Anvil Collar	1	49	00-41135	O-Ring	1
2	I40SD-419	Hold Spacer	1	50	IS40-307	Rear Cover	1
3	I40SD-418	Spring	1	51	IS40-524	Valve Seat	1
4	I40SD-417	Quick Change Hold	1	52	00-41145	O-Ring	2
5	00-0610	Set Screw	1	53	IS40S-312	Washer	1
7	I30S-201	Pulse Unit Housing	1	54	00-3824	Steel Ball	1
8	I40S-202	Bushing	1	55	IS40S-313	Spring	1
9	I40S-424	Washer	1	56	IS40S-311	Valve	1
10	I30S-401	Pulse Cylinder Seat	1	57	IS40-518	Seat	1
11	I30S-410	Greasing Screw	1	58	IS40-101	Motor Housing	1
12C	00-41173	O-Ring	3	59	I40S-108	Bushing	4
13	00-3318	Spring Pin	2	60	IS100-609	Screw	1
14	00-41110	O-Ring	2	61	I40S-102	Hanger	1
15	I30S-403	Front Cover	1	62	00-41146	O-Ring	1
16	00-2604	X-Ring	1	63	00-4169	O-Ring	1
17	00-41113	O-Ring	3	64	I40-104	Nut	1
18EC	I80-411	Valve Screw	1	65	I40-504	Trigger	1
19	00-3435	Pin	2	66	00-3354	Spring Pin	1
20	I30S-408	Front Plate	1	67	00-0505	Screw	2
21	I30SD-405	Anvil	1	68	I100-503	Regulator Knob	1
22	00-3813	Steel Ball	4	69	00-4101	O-Ring	1
23B	I30S-406-B	Drive Blade	2	70EA	IS40-505B	Valve Stem	1
24B	I40S-452	Roller	2	71EA	I100-508B	Bushing	1
25	I30S-407	Spring	2	72EA	00-41199	O-Ring	1
26B	IS40-450	Block Valve	1	73EA	I40-507B	Spring	1
27EA	IS40S-412-C	Valve	1	74	I100-506	Spring	1
28	00-41130	O-Ring	1	75	IS40-502	F/R Valve	1
29EA	IS30SD-425-C	Spring	1	76	I40-501	Valve Sleeve	1
30C	I30S-404-B	Pulse Cylinder	1	77	00-41111	O-Ring	2
31	00-3436	Pin	1	78	I40-601	Muffler	1
32	00-3407	Pin	2	79	I40-603	Exhaust Deflector	1
33EA	IS30S-415-C	Rear Plate	1		I40-604A	Air Inlet 1/4"-19PF	
34C	IS40S-421	Pressure Valve	2	80	I40-604B	Air Inlet 1/4"-19PT	1
35	IS40-314	Shut Off Stem	1		I40-604C	Air Inlet 1/4"-18NPT	
36	IS40S-317	Spring	1	81	I100-511	Pin	1
37	I40S-423	Washer	1	82C	I40S-453	Spring	1
38	I30S-402	Lock Nut	1	83C	I40S-454	Block Cap	1
39	I40S-306	Lock Nut	1		I60-103	Housing Rubber	1
40	00-2348	Ball Bearing	1	85EC	I80-422	Back Up Ring	1
41	00-3324	Spring Pin	1	86ED	I30S-409	Back Up Ring	1
42	I40-302	Cylinder	1	※	6-1010081	Repair kit :Index No-20;23B(2);24B(2);33EA;45(9);55; 71EA; 72EA; 73EA	
43	00-3356	Spring Pin	1		6-1010082	Service kit :Index No-11;12C(3);14(2);16;17;25(2);86ED	
44	I40S-303	Rotor	1		6-1023496	Impulse Oil	
45	I40S-304	Rotor Blade	9	※			
46	I40-305	Rear Plate	1	※			
47	00-2356	Ball Bearing	1	※			
48	00-41144	O-Ring	2				
※	IS30SD-400ASM	Pulse unit : Index No-10,11,12C,13,14,15,16,17,18EC,19,20,21,22,23B,24B,25,26B,27EA,28,29EA,30C,31,32,33EA,34C,38,82C,83C,85EC,86ED					

DPTS-30S Auto-Shut Off Impulse Wrench (3/8"SQ)

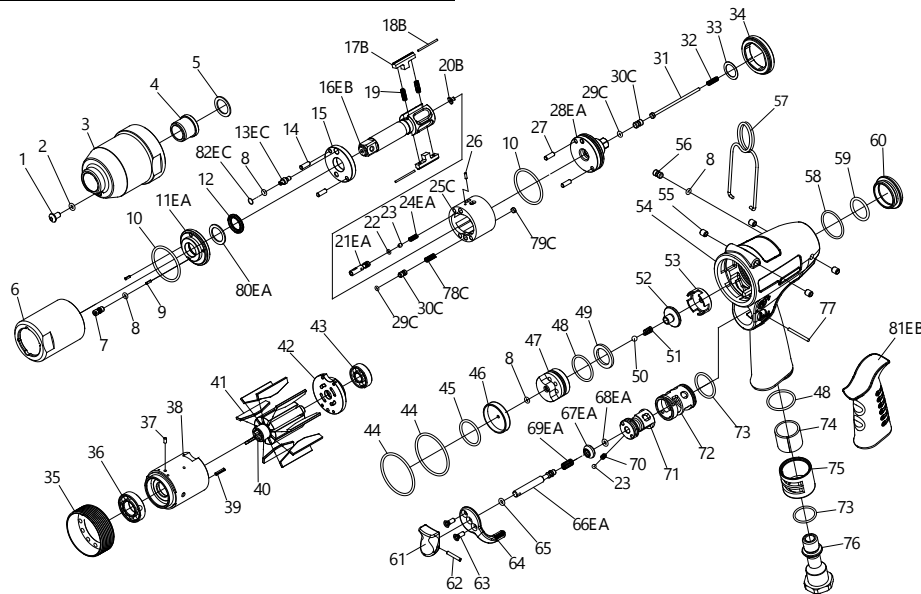
Edition:05E-DO

Index No.	Part No.	Description	Q'ty	Index No.	Part No.	Description	Q'ty
1	00-0610	Set Screw	1	46	I40S-305	Rear Plate	1
2	I30S-201	Pulse Unit Housing	1	47	00-2356	Ball Bearing	1
3	I40S-202	Bushing	1	48	I40S-310	Air Inlet Plate	1
4	I40S-424	Washer	1	49	305F-034	Spring	1
5	I30S-401	Pulse Cylinder Seat	1	50	IS40S-502	F/R Valve	1
6	00-41110	O-Ring	2	51	00-41146	O-Ring	1
7	00-41173	O-Ring	3	52	00-4121	O-Ring	1
8	I30S-410	Greasing Screw	1	53	IS40S-312	Valve Washer	1
9	00-3318	Spring Pin	2	54	00-3824	Steel Ball	1
10	I30S-403	Front Cover	1	55	IS40S-313	Spring	1
11	00-2604	X-Ring	1	56	IS40S-311	Valve	1
12	I30S-408	Front Plate	1	57	00-41125	O-Ring	1
16EB	I30-405-B	Anvil	1	58	I40S-309	Seat	1
17	I40S-452	Roller	2	59	00-0507	Screw	1
18	I30S-406-B	Drive Blade	2	60	I40S-503	Regulator Knob	1
19	I30S-407	Spring	2	61	I40S-101	Motor Housing	1
20	IS40-450	Block Valve	1	62	I40S-102	Hanger	1
21	00-41113	O-Ring	2	63	I40S-108	Bushing	2
22EC	I80-411	Valve Screw	1	64	00-3306	Spring Pin	1
23	IS40S-412-C	Valve	1	65	I40S-509	Bushing	1
24	00-41130	O-Ring	1	66	IS40S-510	Pin	1
25	00-3813	Steel Ball	2	67	I40S-504	Trigger	1
26	IS30S-425	Spring	1	68	I40S-103	Housing Rubber	1
27	IS40S-421	Pressure Valve	2	69	00-41127	O-Ring	1
28	I40S-453	Spring	1	70	I40S-508	Bushing	1
29	00-3435	Pin	2	71	305C-021	Valve Stem	1
30	00-3436	Pin	1	72	I40S-507	Spring	1
31	I30S-404-B	Pulse Cylinder	1	73	I40S-601	Muffler	1
32	00-3407	Pin	2	74	I40S-603	Exhaust Deflector	1
33	I40S-454	Block Cap	1		I40S-604A	Air Inlet 1/4"PF	
34	IS30S-415-C	Rear Plate	1	75	I40S-604B	Air Inlet 1/4"PT	1
35	I40S-423	Washer	1		I40S-604C	Air Inlet 1/4"NPT	
36	IS40S-314	Shut Off Stem	1	76	00-3509	Snap Ring	1
37	IS40S-317	Spring	1	77EC	I80-422	Back Up Ring	1
38	I30S-402	Lock Nut	1	78ED	I30S-409	Back Up Ring	1
39	I40S-306	Lock Nut	1	*	6-1041242	Service kit :Index No- 6(2); 7(3); 8; 11; 19(2); 21; 78ED	
40	00-2348	Ball Bearing	1	*	6-1041243	Repair kit :Index No- 12;17(2); 18(2);34; 45(9);	
41	00-3324	Spring Pin	1	*		55; 70; 71; 72	
42	I40S-302	Cylinder	1		6-1023496	Impulse Oil	
43	00-3326	Spring Pin	1				
44	I40S-303	Rotor	1				
45	I40S-304	Rotor Blade	9				
*	IS30-400ASM	Pulse unit : Index No- 5,6,7,8,9,10,11,12,16EB,17,18,19,20,21,22EC,23,24,25,26,27,28,29,30,31,32,33,34,38,77EC,78ED					

DPTS-30SHD Auto-Shut Off Impulse Screwdriver (1/4"SQ)

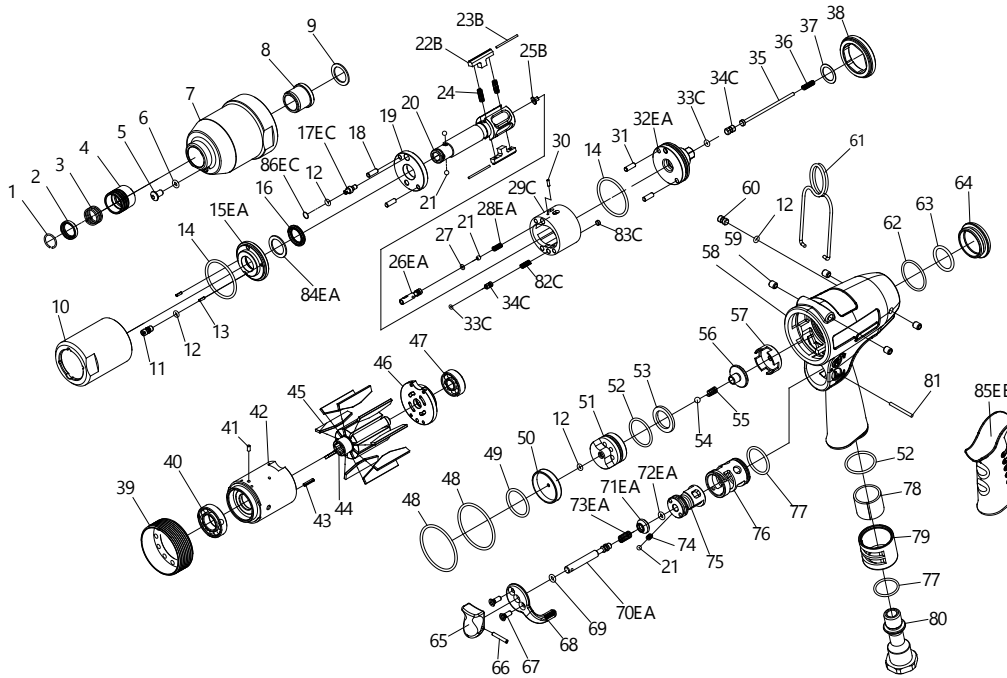
Edition:05D-DO

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1	757-026	Anvil Collar	1	45	I40S-305	Rear Plate	1
2	I40SD-419	Hold Spacer	1	46	00-2356	Ball Bearing	1
3	I40SD-418	Spring	1	47	I40S-310	Air Inlet Plate	1
4	I40SD-417	Quick Change Hold	1	48	305F-034	Spring	1
5	00-0610	Set Screw	1	49	IS40S-502	F/R Valve	1
6	I30S-201	Pulse Unit Housing	1	50	00-41146	O-Ring	1
7	I40S-202	Bushing	1	51	00-4121	O-Ring	1
8	I40S-424	Washer	1	52	IS40S-312	Valve Washer	1
9	I30S-401	Pulse Cylinder Seat	1	53	00-3824	Steel Ball	1
10	00-41110	O-Ring	2	54	IS40S-313	Spring	1
11C	00-41173	O-Ring	3	55	IS40S-311	Valve	1
12	I30S-410	Greasing Screw	1	56	00-41125	O-Ring	1
13	00-3318	Spring Pin	2	57	I40S-309	Seat	1
14	I30S-403	Front Cover	1	58	00-0507	Screw	1
15	00-2604	X-Ring	1	59	I40S-503	Regulator Knob	1
16	I30S-408	Front Plate	1	60	I40S-101	Motor Housing	1
17	00-3813	Steel Ball	4	61	I40S-102	Hanger	1
18	I30SD-405	Anvil	1	62	I40S-108	Bushing	2
19B	I40S-452	Roller	2	63	00-3306	Spring Pin	1
20B	I30S-406-B	Drive Blade	2	64	I40S-509	Bushing	1
21	I30S-407	Spring	2	65	IS40S-510	Pin	1
22B	IS40-450	Block Valve	1	66	I40S-504	Trigger	1
23	00-41113	O-Ring	2	67	I40S-103	Housing Rubber	1
24EB	I80-411	Valve Screw	1	68	00-41127	O-Ring	1
25EA	IS40S-412-C	Valve	1	69	I40S-508	Bushing	1
26	00-41130	O-Ring	1	70	305C-021	Valve Stem	1
27EA	IS30SD-425-C	Spring	1	71	I40S-507	Spring	1
28	00-3436	Pin	1	72	I40S-601	Muffler	1
29C	I30S-404-B	Pulse Cylinder	1	73	I40S-603	Exhaust Deflector	1
30	00-3435	Pin	2		I40S-604A	Air Inlet 1/4"PF	
31	00-3407	Pin	2		I40S-604B	Air Inlet 1/4"PT	1
32EA	IS30S-415-C	Rear Plate	1		I40S-604C	Air Inlet 1/4"NPT	
33	I40S-423	Washer	1		00-3509	Snap Ring	1
34C	IS40S-421	Pressure Valve	2	76C	I40S-453	Spring	1
35	IS40S-314	Shut Off Stem	1	77C	I40S-454	Block Cap	1
36	IS40S-317	Spring	1	78EB	I80-422	Back Up Ring	1
37	I30S-402	Lock Nut	1	79EC	I30S-409	Back Up Ring	1
38	I40S-306	Lock Nut	1	×	6-1020154	Repair kit :Index No- 16; 19B(2); 20B(2);32EA; 44(9);54; 69; 70; 71	
39	00-2348	Ball Bearing	1	×	6-1020155	Service kit :Index No- 10(2); 11C(3); 12; 15; 21(2); 23; 79EC	
40	00-3324	Spring Pin	1		6-1023496	Impulse Oil	
41	I40S-302	Cylinder	1				
42	00-3326	Spring Pin	1				
43	I40S-303	Rotor	1				
44	I40S-304	Rotor Blade	9	×			
×	IS30SD-400ASM	Pulse unit : Index No- 9,10,11C,12,13,14,15,16,17,18,19B,20B,21,22B,23,24EB,25EA,26,27EA,28,29C,30,31,32EA,34C,37,76C,77C,78EB,79EC					

DPTS-40 Auto-Shut Off Impulse Wrench (3/8"SQ)

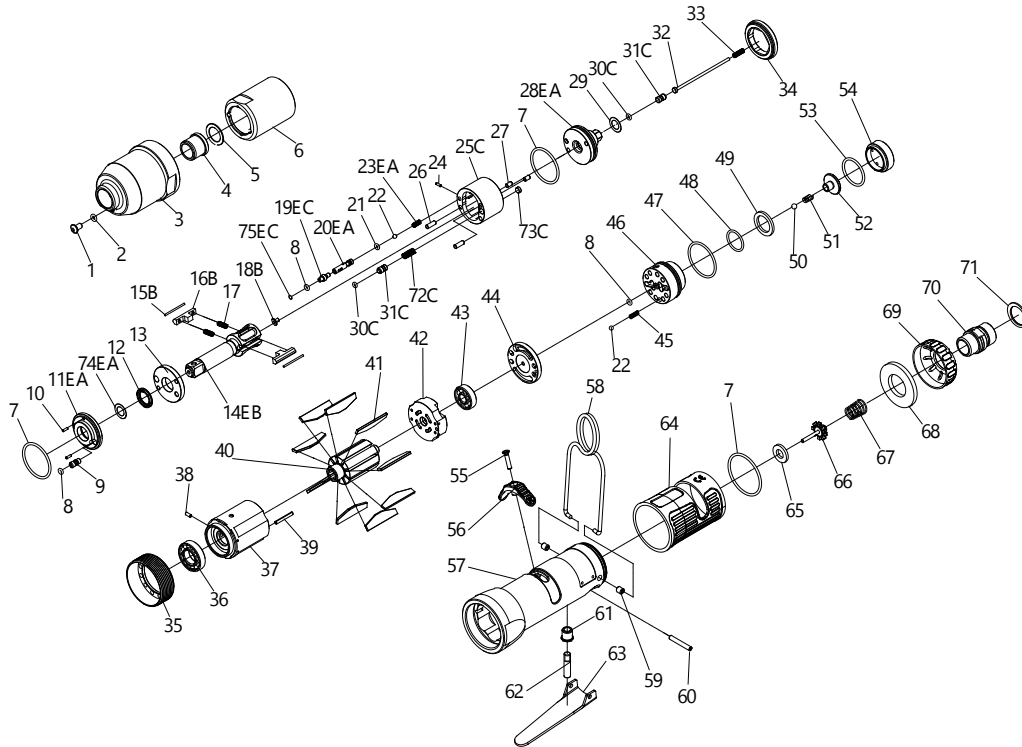
Edition:05D-DO

Index No.	Part No.	Description	Q'ty	Index No.	Part No.	Description	Q'ty
1	I100-410	Greasing Screw	1	46	IS40-307	Rear Cover	1
2	00-4153	O-Ring	1	47	IS40-524	Valve Seat	1
3	I40S-201	Pulse Unit Housing	1	48	00-41145	O-Ring	2
4	I40S-202	Bushing	1	49	IS40S-312	Washer	1
5	I40S-424	Washer	1	50	00-3824	Steel Ball	1
6	I40S-401	Pulse Cylinder Seat	1	51	IS40S-313	Spring	1
7	I70-410	Greasing Screw	1	52	IS40S-311	Valve	1
8	00-41113	O-Ring	4	53	IS40-518	Seat	1
9	00-3318	Spring Pin	2	54	IS40-101	Motor Housing	1
10	00-41127	O-Ring	2	55	I40S-108	Bushing	4
11EA	I40S-403-B	Front Cover	1	56	IS100-609	Screw	1
12	00-2602	X-Ring	1	57	I40S-102	Hanger	1
13EC	I80-411	Valve Screw	1	58	00-41146	O-Ring	1
14	00-3435	Pin	2	59	00-4169	O-Ring	1
15	I40S-408	Front Plate	1	60	I40-104	Nut	1
16EB	I40S-405-B	Anvil	1	61	I40-504	Trigger	1
17B	I40S-406-B	Drive Blade	2	62	00-3354	Spring Pin	1
18B	I40S-452	Roller	2	63	00-0505	Screw	2
19	I40S-407	Spring	2	64	I100-503	Regulator Knob	1
20B	IS40-450	Block Valve	1	65	00-4101	O-Ring	1
21EA	IS40S-412-C	Valve	1	66EA	IS40-505B	Valve Stem	1
22	00-41130	O-Ring	1	67EA	I100-508B	Bushing	1
23	00-3813	Steel Ball	2	68EA	00-41199	O-Ring	1
24EA	IS40S-425-C	Spring	1	69EA	I40-507B	Spring	1
25C	I40S-404-B	Pulse Cylinder	1	70	I100-506	Spring	1
26	00-3436	Pin	1	71	IS40-502	F/R Valve	1
27	00-3407	Pin	2	72	I40-501	Valve Sleeve	1
28EA	IS40S-415-C	Rear Plate	1	73	00-41111	O-Ring	2
29C	00-41173	O-Ring	2	74	I40-601	Muffler	1
30C	IS40S-421	Pressure Valve	2	75	I40-603	Exhaust Deflector	1
31	IS40-314	Shut Off Stem	1		I40-604A	Air Inlet 1/4"-19PF	
32	IS40S-317	Spring	1	76	I40-604B	Air Inlet 1/4"-19PT	1
33	I40S-423	Washer	1		I40-604C	Air Inlet 1/4"-18NPT	
34	I40S-402	Lock Nut	1	77	I100-511	Pin	1
35	I40S-306	Lock Nut	1	78C	I40S-453	Spring	1
36	00-2348	Ball Bearing	1	79C	I40S-454	Block Cap	1
37	00-3324	Spring Pin	1	80EA	I40-409	Back Up Ring	1
38	I40-302	Cylinder	1	81EB	I60-103	Housing Rubber	1
39	00-3356	Spring Pin	1	82EC	I80-422	Back Up Ring	1
40	I40S-303	Rotor	1	※	6-1020236	Repair kit :Index No-15; 17B(2); 18B(2); 28EA; 41(9); 51; 67EA; 68EA; 69EA	
41	I40S-304	Rotor Blade	9			Service kit :Index No-7;8(2);10(2);12;19(2);29C(2);80EA	
42	I40-305	Rear Plate	1			Impulse Oil	
43	00-2356	Ball Bearing	1	※	6-1020237		
44	00-41144	O-Ring	2				
45	00-41135	O-Ring	1	※	6-1023496		
※	IS40S-400ASM	Pulse unit : Index No-6,7,8,9,10,11EA,12,13EC,14,15,16EB,17B,18B,19,20B,21EA, 22, 23,24EA,25C,26,27,28EA,29C, 30C,34,78C, 79C,80EA,82EC					

DPTS-40HD Auto-Shut Off Impulse Screwdriver (1/4"SQ)

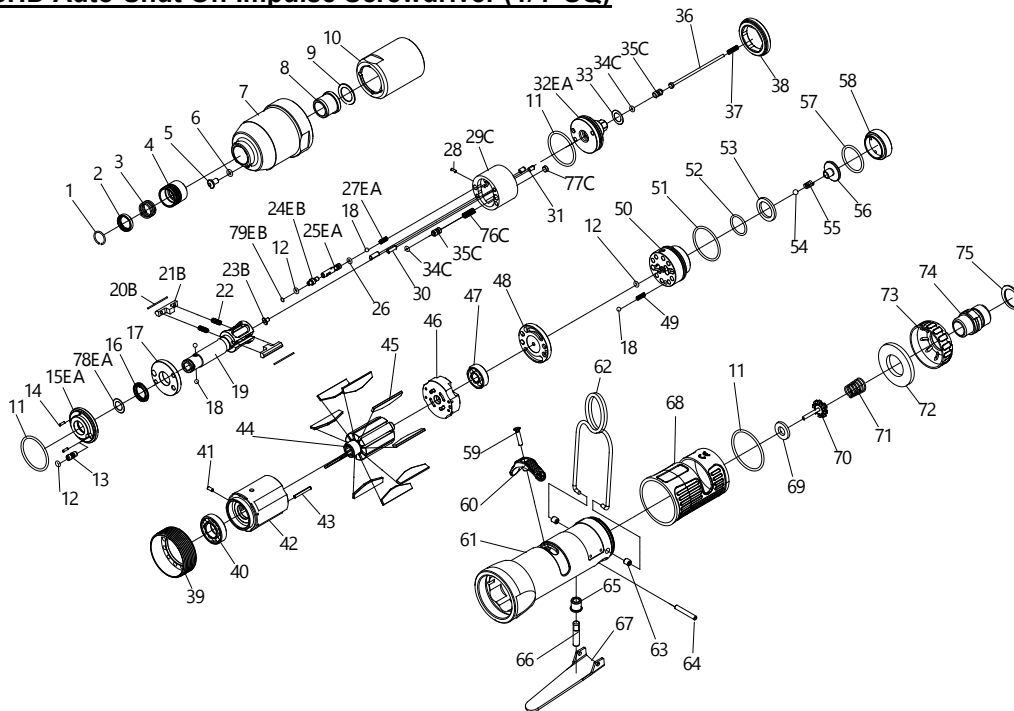
Edition:05D-DO

Index No.	Part No.	Description	Q'ty	Index No.	Part No.	Description	Q'ty
1	757-026	Anvil Collar	1	49	00-41135	O-Ring	1
2	I40SD-419	Hold Spacer	1	50	IS40-307	Rear Cover	1
3	I40SD-418	Spring	1	51	IS40-524	Valve Seat	1
4	I40SD-417	Quick Change Hold	1	52	00-41145	O-Ring	2
5	I100-410	Greasing Screw	1	53	IS40S-312	Washer	1
6	00-4153	O-Ring	1	54	00-3824	Steel Ball	1
7	I40S-201	Pulse Unit Housing	1	55	IS40S-313	Spring	1
8	I40S-202	Bushing	1	56	IS40S-311	Valve	1
9	I40S-424	Washer	1	57	IS40-518	Seat	1
10	I40S-401	Pulse Cylinder Seat	1	58	IS40-101	Motor Housing	1
11	I70-410	Greasing Screw	1	59	I40S-108	Bushing	4
12	00-41113	O-Ring	4	60	IS100-609	Screw	1
13	00-3318	Spring Pin	2	61	I40S-102	Hanger	1
14	00-41127	O-Ring	2	62	00-41146	O-Ring	1
15EA	I40S-403-B	Front Cover	1	63	00-4169	O-Ring	1
16	00-2602	X-Ring	1	64	I40-104	Nut	1
17EC	I80-411	Valve Screw	1	65	I40-504	Trigger	1
18	00-3435	Pin	2	66	00-3354	Spring Pin	1
19	I40S-408	Front Plate	1	67	00-0505	Screw	2
20D	I40SD-405	Anvil	1	68	I100-503	Regulator Knob	1
21	00-3813	Steel Ball	4	69	00-4101	O-Ring	1
22B	I40S-406-B	Drive Blade	2	70EA	IS40-505B	Valve Stem	1
23B	I40S-452	Roller	2	71EA	I100-508B	Bushing	1
24	I40S-407	Spring	2	72EA	00-41199	O-Ring	1
25B	IS40-450	Block Valve	1	73EA	I40-507B	Spring	1
26EA	IS40S-412-C	Valve	1	74	I100-506	Spring	1
27	00-41130	O-Ring	1	75	IS40-502	F/R Valve	1
28EA	IS40SD-425-C	Spring	1	76	I40-501	Valve Sleeve	1
29C	I40S-404-B	Pulse Cylinder	1	77	00-41111	O-Ring	2
30	00-3436	Pin	1	78	I40-601	Muffler	1
31	00-3407	Pin	2	79	I40-603	Exhaust Deflector	1
32EA	IS40S-415-C	Rear Plate	1		I40-604A	Air Inlet 1/4"-19PF	
33C	00-41173	O-Ring	2	80	I40-604B	Air Inlet 1/4"-19PT	1
34C	IS40S-421	Pressure Valve	2		I40-604C	Air Inlet 1/4"-18NPT	
35	IS40-314	Shut Off Stem	1	81	I100-511	Pin	1
36	IS40S-317	Spring	1	82C	I40S-453	Spring	1
37	I40S-423	Washer	1	83C	I40S-454	Block Cap	1
38	I40S-402	Lock Nut	1	84EA	I40-409	Back Up Ring	1
39	I40S-306	Lock Nut	1	85EB	I60-103	Housing Rubber	1
40	00-2348	Ball Bearing	1	86EC	I80-422	Back Up Ring	1
41	00-3324	Spring Pin	1	※	6-1020322	Repair kit :Index No-19; 22B(2); 23B(2); 32EA; 45(9); 55; 71EA; 72EA; 73EA	
42	I40-302	Cylinder	1	※	6-1020323	Service kit :Index No-11; 12(2); 14(2); 16; 24(2); 33C(2); 84EA	
43	00-3356	Spring Pin	1	※	6-1023496	Impulse Oil	
44	I40S-303	Rotor	1				
45	I40S-304	Rotor Blade	9				
46	I40-305	Rear Plate	1				
47	00-2356	Ball Bearing	1				
48	00-41144	O-Ring	2				
※	IS40SD-400ASM	Pulse unit : Index No-10,11,12,13,14,15EA,16,17EC,18,19,20D,21,22B,23B,24,25B,26EA,27,28EA,29C,30,31,32EA,33C, 34C,38, 82C,83C,84EA,86EC					

DPTS-40S Auto-Shut Off Impulse Wrench (3/8"SQ)

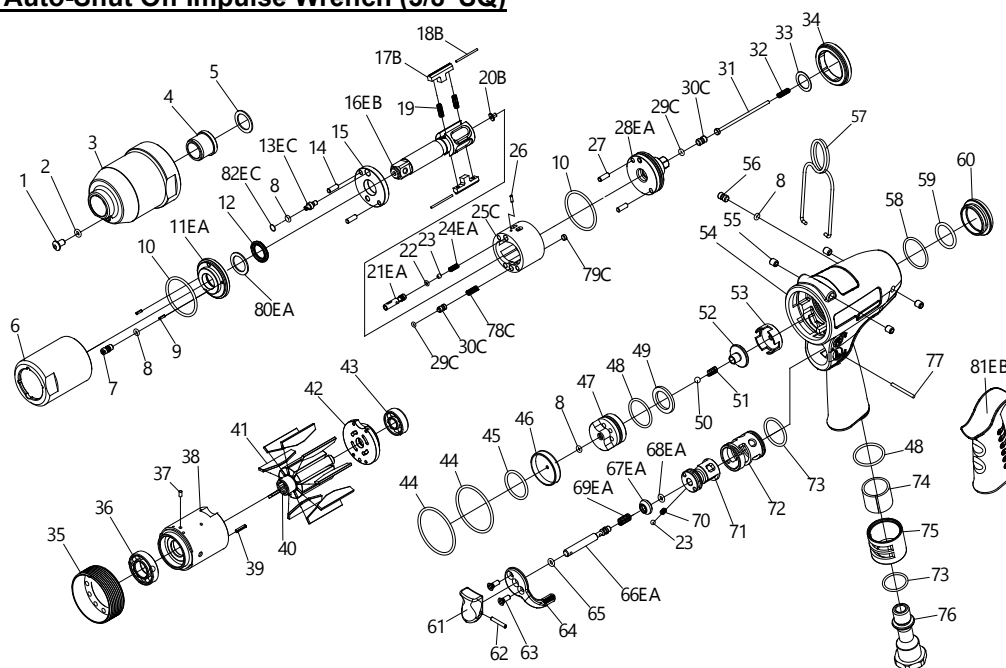
Edition:05D-DO

Index No.	Part No.	Description	Q'ty	Index No.	Part No.	Description	Q'ty
1	I100-410	Greasing Screw	1	43	00-2356	Ball Bearing	1
2	00-4153	O-Ring	1	44	I40S-310	Air Inlet Plate	1
3	I40S-201	Pulse Unit Housing	1	45	305F-034	Spring	1
4	I40S-202	Bushing	1	46	IS40S-502	F/R Valve	1
5	I40S-424	Washer	1	47	00-41146	O-Ring	1
6	I40S-401	Pulse Cylinder Seat	1	48	00-4121	O-Ring	1
7	00-41127	O-Ring	3	49	IS40S-312	Valve Washer	1
8	00-41113	O-Ring	3	50	00-3824	Steel Ball	1
9	I70-410	Greasing Screw	1	51	IS40S-313	Spring	1
10	00-3318	Spring Pin	2	52	IS40S-311	Valve	1
11EA	I40S-403-B	Front Cover	1	53	00-41125	O-Ring	1
12	00-2602	X-Ring	1	54	I40S-309	Seat	1
13	I40S-408	Front Plate	1	55	00-0507	Screw	1
14EB	I40S-405-B	Anvil	1	56	I40S-503	Regulator Knob	1
15B	I40S-452	Roller	2	57	I40S-101	Motor Housing	1
16B	I40S-406-B	Drive Blade	2	58	I40S-102	Hanger	1
17	I40S-407	Spring	2	59	I40S-108	Bushing	2
18B	IS40-450	Block Valve	1	60	00-3306	Spring Pin	1
19EC	I80-411	Valve Screw	1	61	I40S-509	Bushing	1
20EA	IS40S-412-C	Valve	1	62	IS40S-510	Pin	1
21	00-41130	O-Ring	1	63	I40S-504	Trigger	1
22	00-3813	Steel Ball	2	64	I40S-103	Housing Rubber	1
23EA	IS40S-425-C	Spring	1	65	I40S-508	Bushing	1
24	00-3436	Pin	1	66	305C-021	Valve Stem	1
25C	I40S-404-B	Pulse Cylinder	1	67	I40S-507	Spring	1
26	00-3435	Pin	2	68	I40S-601	Muffler	1
27	00-3407	Pin	2	69	I40S-603	Exhaust Deflector	1
28EA	IS40S-415-C	Rear Plate	1		I40S-604A	Air Inlet 1/4"PF	
29	I40S-423	Washer	1	70	I40S-604B	Air Inlet 1/4"PT	1
30C	00-41173	O-Ring	2		I40S-604C	Air Inlet 1/4"NPT	
31C	IS40S-421	Pressure Valve	2	71	00-3509	Snap Ring	1
32	IS40S-314	Shut Off Stem	1	72C	I40S-453	Spring	1
33	IS40S-317	Spring	1	73C	I40S-454	Block Cap	1
34	I40S-402	Lock Nut	1	74EA	I40-409	Back Up Ring	1
35	I40S-306	Lock Nut	1	75EC	I80-422	Back Up Ring	1
36	00-2348	Ball Bearing	1	※	6-1040110	Repair kit :Index No-13; 15B(2); 16B(2);28EA;	
37	I40S-302	Cylinder	1			41(9); 51; 65; 66; 67	
38	00-3324	Spring Pin	1	※	6-1040111	Service kit :Index No-7(2); 8(2); 9; 12;17(2); 30C(2);	
39	00-3326	Spring Pin	1			74EA	
40	I40S-303	Rotor	1		6-1023496	Impulse Oil	
41	I40S-304	Rotor Blade	9				
42	I40S-305	Rear Plate	1	※			
※	IS40S-400ASM	Pulse unit : Index No-6,7,8,9,10,11EA,12,13,14EB,15B,16B,17,18B,19EC,20EA,21,22,23EA,24,25C,26,27,28EA,30C,31C, 34,72C, 73C,74EA,75EC					

DPTS-40SHD Auto-Shut Off Impulse Screwdriver (1/4"SQ)

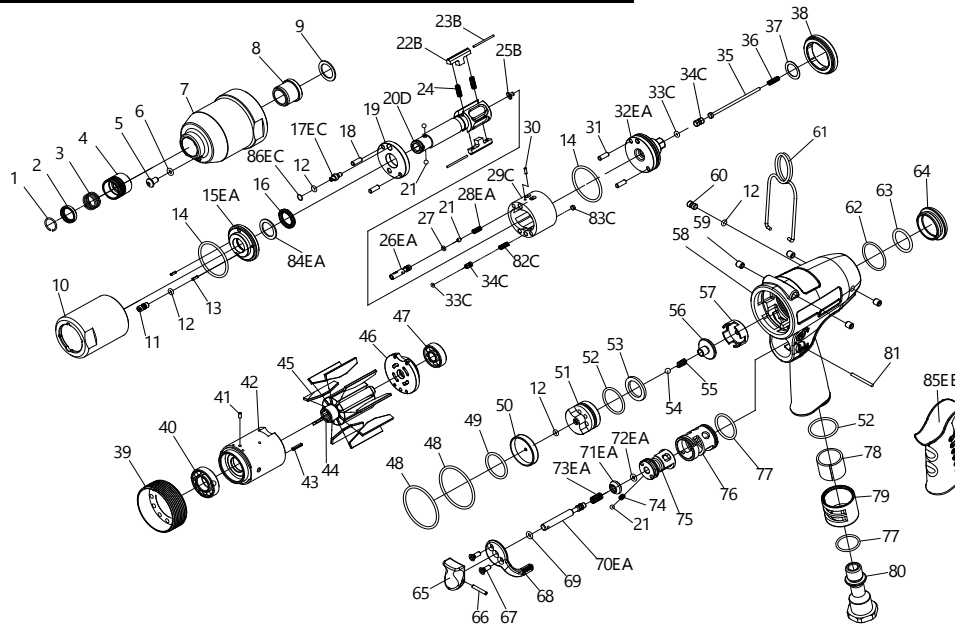
Edition:05C-DO

Index No.	Part No.	Description	Q'ty	Index No.	Part No.	Description	Q'ty
1	757-026	Anvil Collar	1	45	I40S-304	Rotor Blade	9
2	I40SD-419	Hold Spacer	1	46	I40S-305	Rear Plate	1
3	I40SD-418	Spring	1	47	00-2356	Ball Bearing	1
4	I40SD-417	Quick Change Hold	1	48	I40S-310	Air Inlet Plate	1
5	I100-410	Greasing Screw	1	49	305F-034	Spring	1
6	00-4153	O-Ring	1	50	IS40S-502	F/R Valve	1
7	I40S-201	Pulse Unit Housing	1	51	00-41146	O-Ring	1
8	I40S-202	Bushing	1	52	00-4121	O-Ring	1
9	I40S-424	Washer	1	53	IS40S-312	Valve Washer	1
10	I40S-401	Pulse Cylinder Seat	1	54	00-3824	Steel Ball	1
11	00-41127	O-Ring	3	55	IS40S-313	Spring	1
12	00-41113	O-Ring	3	56	IS40S-311	Valve	1
13	I70-410	Greasing Screw	1	57	00-41125	O-Ring	1
14	00-3318	Spring Pin	2	58	I40S-309	Seat	1
15EA	I40S-403-B	Front Cover	1	59	00-0507	Screw	1
16	00-2602	X-Ring	1	60	I40S-503	Regulator Knob	1
17	I40S-408	Front Plate	1	61	I40S-101	Motor Housing	1
18	00-3813	Steel Ball	4	62	I40S-102	Hanger	1
19	I40SD-405	Anvil	1	63	I40S-108	Bushing	2
20B	I40S-452	Roller	2	64	00-3306	Spring Pin	1
21B	I40S-406-B	Drive Blade	2	65	I40S-509	Bushing	1
22	I40S-407	Spring	2	66	IS40S-510	Pin	1
23B	IS40-450	Block Valve	1	67	I40S-504	Trigger	1
24EB	I80-411	Valve Screw	1	68	I40S-103	Housing Rubber	1
25EA	IS40S-412-C	Valve	1	69	I40S-508	Bushing	1
26	00-41130	O-Ring	1	70	305C-021	Valve Stem	1
27EA	IS40SD-425-C	Spring	1	71	I40S-507	Spring	1
28	00-3436	Pin	1	72	I40S-601	Muffler	1
29C	I40S-404-B	Pulse Cylinder	1	73	I40S-603	Exhaust Deflector	1
30	00-3435	Pin	2		I40S-604A	Air Inlet 1/4"PF	
31	00-3407	Pin	2	74	I40S-604B	Air Inlet 1/4"PT	1
32EA	IS40S-415-C	Rear Plate	1		I40S-604C	Air Inlet 1/4"NPT	
33	I40S-423	Washer	1	75	00-3509	Snap Ring	1
34C	00-41173	O-Ring	2	76C	I40S-453	Spring	1
35C	IS40S-421	Pressure Valve	2	77C	I40S-454	Block Cap	1
36	IS40S-314	Shut Off Stem	1	78EA	I40-409	Back Up Ring	1
37	IS40S-317	Spring	1	79EB	I80-422	Back Up Ring	1
38	I40S-402	Lock Nut	1	※	6-1020402	Repair kit :Index No-	
39	I40S-306	Lock Nut	1			17; 20B(2); 21B(2); 32EA;	
40	00-2348	Ball Bearing	1			45(9); 55; 69; 70; 71	
41	00-3324	Spring Pin	1	※	6-1020453	Service kit :Index No-	
42	I40S-302	Cylinder	1			11(2); 12(2); 13; 16; 22(2); 34C(2);	
43	00-3326	Spring Pin	1			78EA	
44	I40S-303	Rotor	1	※	6-1023496	Impulse Oil	
※	IS40SD-400ASM	Pulse unit : Index No-10,11,12,13,14,15EA,16,17,18,19,20B,21B, 22,23B,24EB,25EA,26,27EA,28,29C,30,31,32EA,34C,35C,38, 76C,77C,78EA,79EB					

DPTS-50 Auto-Shut Off Impulse Wrench (3/8"SQ)

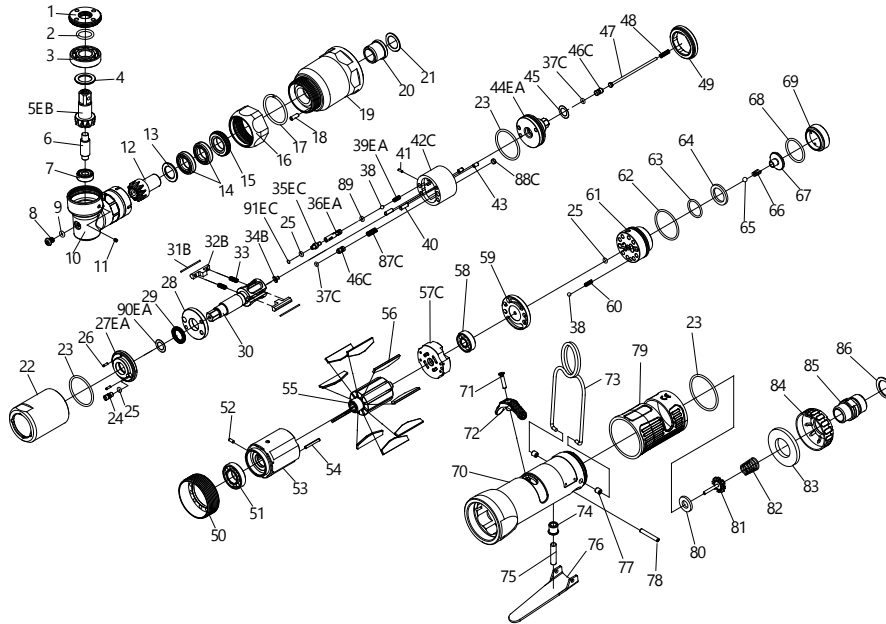
Edition:05D-DO

Index No.	Part No.	Description	Q'ty	Index No.	Part No.	Description	Q'ty
1	I100-410	Greasing Screw	1	46	IS40-307	Rear Cover	1
2	00-4153	O-Ring	1	47	IS40-524	Valve Seat	1
3	I40S-201	Pulse Unit Housing	1	48	00-41145	O-Ring	2
4	I40S-202	Bushing	1	49	IS40S-312	Washer	1
5	I40S-424	Washer	1	50	00-3824	Steel Ball	1
6	I40S-401	Pulse Cylinder Seat	1	51	IS40S-313	Spring	1
7	I70-410	Greasing Screw	1	52	IS40S-311	Valve	1
8	00-41113	O-Ring	4	53	IS40-518	Seat	1
9	00-3318	Spring Pin	2	54	IS40-101	Motor Housing	1
10	00-41127	O-Ring	2	55	I40S-108	Bushing	4
11EA	I40S-403-B	Front Cover	1	56	IS100-609	Screw	1
12	00-2602	X-Ring	1	57	I40S-102	Hanger	1
13EC	I80-411	Valve Screw	1	58	00-41146	O-Ring	1
14	00-3435	Pin	2	59	00-4169	O-Ring	1
15	I40S-408	Front Plate	1	60	I40-104	Nut	1
16EB	IS40S-405-B	Anvil	1	61	I40-504	Trigger	1
17B	I40S-406-B	Drive Blade	2	62	00-3354	Spring Pin	1
18B	I40S-452	Roller	2	63	00-0505	Screw	2
19	I40S-407	Spring	2	64	I100-503	Regulator Knob	1
20B	IS40-450	Block Valve	1	65	00-4101	O-Ring	1
21EA	IS40S-412-C	Valve	1	66EA	IS40-505B	Valve Stem	1
22	00-41130	O-Ring	1	67EA	I100-508B	Bushing	1
23	00-3813	Steel Ball	2	68EA	00-41199	O-Ring	1
24EA	IS50S-425-C	Spring	1	69EA	I40-507B	Spring	1
25C	I40S-404-B	Pulse Cylinder	1	70	I100-506	Spring	1
26	00-3436	Pin	1	71	IS40-502	F/R Valve	1
27	00-3407	Pin	2	72	I40-501	Valve Sleeve	1
28EA	IS40S-415-C	Rear Plate	1	73	00-41111	O-Ring	2
29C	00-41173	O-Ring	2	74	I40-601	Muffler	1
30C	IS40S-421	Pressure Valve	2	75	I40-603	Exhaust Deflector	1
31	IS40-314	Shut Off Stem	1		I40-604A	Air Inlet 1/4"-19PF	
32	IS40S-317	Spring	1	76	I40-604B	Air Inlet 1/4"-19PT	1
33	I40S-423	Washer	1		I40-604C	Air Inlet 1/4"-18NPT	
34	I40S-402	Lock Nut	1	77	I100-511	Pin	1
35	I40S-306	Lock Nut	1	78C	I40S-453	Spring	1
36	00-2348	Ball Bearing	1	79C	I40S-454	Block Cap	1
37	00-3324	Spring Pin	1	80EA	I40-409	Back Up Ring	1
38	I50-302	Cylinder	1	81EB	I60-103	Housing Rubber	1
39	00-3356	Spring Pin	1	82EC	I80-422	Back Up Ring	1
40	I40S-303	Rotor	1	※	6-1040194	Repair kit :Index No-	
41	I40S-304	Rotor Blade	9			15; 17B(2); 18B(2); 28EA;	
42	I40-305	Rear Plate	1			41(9); 51; 67EA; 68EA; 69EA	
43	00-2356	Ball Bearing	1	※	6-1040195	Service kit :Index No-	
44	00-41144	O-Ring	2			7; 8(2); 10(2) ; 12; 19(2); 29C(2);	
						80EA	
45	00-41135	O-Ring	1	※	6-1023496	Impulse Oil	
※	IS50S-400ASM	Pulse unit : Index No- 6,7,8,9,10,11EA,12,13EC,14,15,16EB,17B,18B,19,20B,21EA, 22, 23, 24EA,25C,26,27,28EA,29C,30C,34,78C, 79C,80EA,82EC					

DPTS-50HD Auto-Shut Off Impulse Screwdriver (1/4"SQ)

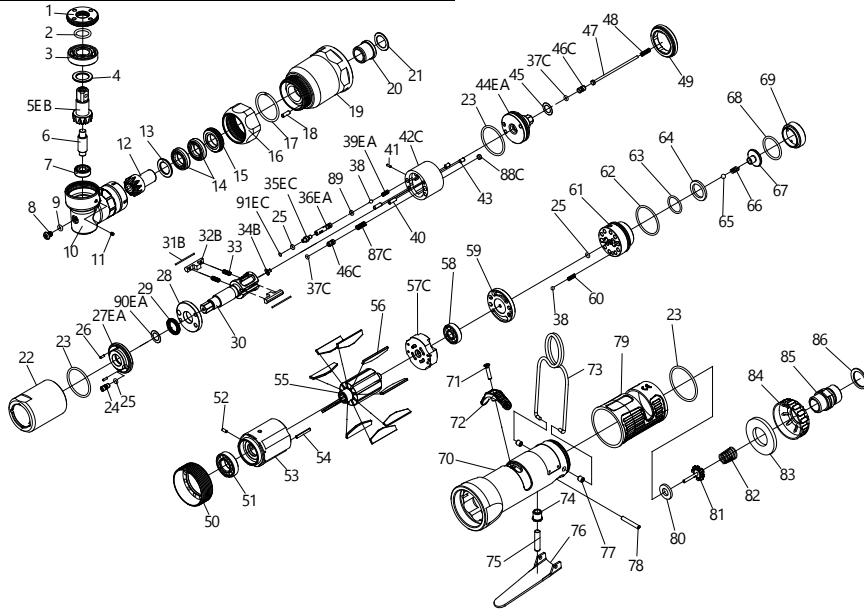
Edition:05D-DO

Index No.	Part No.	Description	Q'ty	Index No.	Part No.	Description	Q'ty
1	757-026	Anvil Collar	1	49	00-41135	O-Ring	1
2	I40SD-419	Hold Spacer	1	50	IS40-307	Rear Cover	1
3	I40SD-418	Spring	1	51	IS40-524	Valve Seat	1
4	I40SD-417	Quick Change Hold	1	52	00-41145	O-Ring	2
5	I100-410	Greasing Screw	1	53	IS40S-312	Washer	1
6	00-4153	O-Ring	1	54	00-3824	Steel Ball	1
7	I40S-201	Pulse Unit Housing	1	55	IS40S-313	Spring	1
8	I40S-202	Bushing	1	56	IS40S-311	Valve	1
9	I40S-424	Washer	1	57	IS40-518	Seat	1
10	I40S-401	Pulse Cylinder Seat	1	58	IS40-101	Motor Housing	1
11	I70-410	Greasing Screw	1	59	I40S-108	Bushing	4
12	00-41113	O-Ring	4	60	IS100-609	Screw	1
13	00-3318	Spring Pin	2	61	I40S-102	Hanger	1
14	00-41127	O-Ring	2	62	00-41146	O-Ring	1
15EA	I40S-403-B	Front Cover	1	63	00-4169	O-Ring	1
16	00-2602	X-Ring	1	64	I40-104	Nut	1
17EC	I80-411	Valve Screw	1	65	I40-504	Trigger	1
18	00-3435	Pin	2	66	00-3354	Spring Pin	1
19	I40S-408	Front Plate	1	67	00-0505	Screw	2
20D	IS40SD-405	Anvil	1	68	I100-503	Regulator Knob	1
21	00-3813	Steel Ball	4	69	00-4101	O-Ring	1
22B	I40S-406-B	Drive Blade	2	70EA	IS40-505B	Valve Stem	1
23B	I40S-452	Roller	2	71EA	I100-508B	Bushing	1
24	I40S-407	Spring	2	72EA	00-41199	O-Ring	1
25B	IS40-450	Block Valve	1	73EA	I40-507B	Spring	1
26EA	IS40S-412-C	Valve	1	74	I100-506	Spring	1
27	00-41130	O-Ring	1	75	IS40-502	Reverse Valve	1
28EA	IS50SD-425-C	Spring	1	76	I40-501	Reverse Sleeve	1
29C	I40S-404-B	Pulse Cylinder	1	77	00-41111	O-Ring	2
30	00-3436	Pin	1	78	I40-601	Muffler	1
31	00-3407	Pin	2	79	I40-603	Exhaust Deflector	1
32EA	IS40S-415-C	Rear Plate	1		I40-604A	Air Inlet 1/4"-19PF	
33C	00-41173	O-Ring	2	80	I40-604B	Air Inlet 1/4"-19PT	1
34C	IS40S-421	Pressure Valve	2		I40-604C	Air Inlet 1/4"-18NPT	
35	IS40-314	Shut Off Stem	1	81	I100-511	Pin	1
36	IS40S-317	Spring	1	82C	I40S-453	Spring	1
37	I40S-423	Washer	1	83C	I40S-454	Block Cap	1
38	I40S-402	Lock Nut	1	84EA	I40-409	Back Up Ring	1
39	I40S-306	Lock Nut	1	85EB	I60-103	Housing Rubber	1
40	00-2348	Ball Bearing	1	86EC	I80-422	Back Up Ring	1
41	00-3324	Spring Pin	1	※	6-1040280	Repair kit :Index No-19; 22B(2); 23B(2); 32EA; 45(9); 55; 71EA; 72EA; 73EA	
42	I50-302	Cylinder	1				
43	00-3356	Spring Pin	1				
44	I40S-303	Rotor	1	※	6-1040281	Service kit :Index No-11; 12(2); 14(2); 16; 24(2); 33C(2); 84EA	
45	I40S-304	Rotor Blade	9				
46	I40-305	Rear End Plate	1				
47	00-2356	Ball Bearing	1	※	6-1023496	Impulse Oil	
48	00-41144	O-Ring	2				
※	IS50SD-400ASM	Pulse unit : Index No-10,11,12,13,14,15EA,16,17EC,18,19,20D,21,22B,23B,24,25B,26EA,27,28EA,29C,30,31,32EA,33C,34C, 38, 82C,83C,84EA,86EC					

DPTS-50RA Auto-Shut Off Impulse Wrench (3/8"SQ)

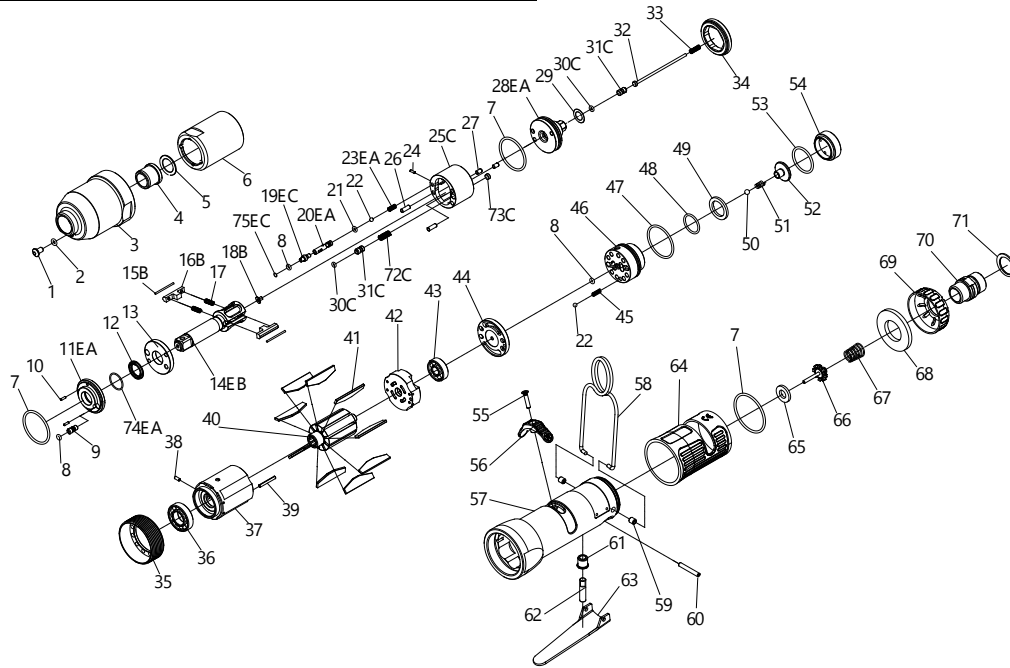
Edition:05D-DO

Index No.	Part No.	Description	Q'ty	Index No.	Part No.	Description	Q'ty
1	I50R-706	Lock Nut	1	51	00-2348	Ball Bearing	1
2	00-41134	O-Ring	1	52	00-3324	Spring Pin	1
3	00-2358	Ball Bearing	1	53	I40S-302	Cylinder	1
4	I50R-711	Washer	1	54	00-3326	Spring Pin	1
5EB	I50R-705-B	Shaft Gear	1	55	I40S-303	Rotor	1
6	I50R-707	Shaft	1	56	I40S-304	Rotor Blade	9
7	00-2357	Ball Bearing	1	57C	I50R-305	Rear Plate	1
8	I90-410	Greasing Screw	1	58	00-2356	Ball Bearing	1
9	00-4153	O-Ring	1	59	I40S-310	Air inlet Plate	1
10	I50R-701	Angle Housing	1	60	305F-034	Spring	1
11	00-0605	Set Screw	1	61	IS40S-502	F/R Valve	1
12	I50R-704	Main Shaft Gear	1	62	00-41146	O-Ring	1
13	I50R-712	Washer	1	63	00-4121	O-Ring	1
14	00-2352	Ball Bearing	2	64	IS40S-312	Valve Washer	1
15	I50R-709	Lock Nut	1	65	00-3824	Steel Ball	1
16	I50R-702	Lock Nut	1	66	IS40S-313	Spring	1
17	I50R-708	Anvil Collar	1	67	IS40S-311	Valve	1
18	00-3430	Pin	1	68	00-41125	O-Ring	1
19	I50R-201	Pulse Unit Housing	1	69	I40S-309	Seat	1
20	I40S-202	Bushing	1	70	I40S-101	Motor Housing	1
21	I40S-424	Washer	1	71	00-0507	Screw	1
22	I40S-401	Pulse Cylinder Seat	1	72	I40S-503	Regulator Knob	1
23	00-41127	O-Ring	3	73	I40S-102	Hanger	1
24	I70-410	Greasing Screw	1	74	I40S-509	Bushing	1
25	00-41113	O-Ring	3	75	IS40S-510	Pin	1
26	00-3318	Spring Pin	2	76	I40S-504	Trigger	1
27EA	I40S-403-B	Front Cover	1	77	I40S-108	Bushing	2
28	I40S-408	Front Plate	1	78	00-3306	Spring Pin	1
29	00-2602	X-Ring	1	79	I40S-103	Rubber	1
30	I50R-405	Anvil	1	80	I40S-508	Bushing	1
31B	I40S-452	Roller	2	81	305C-021	Valve Stem	1
32B	I40S-406-B	Drive Blade	2	82	I40S-507	Spring	1
33	I40S-407	Spring	2	83	I40S-601	Muffler	1
34B	IS40-450	Block Valve	1	84	I40S-603	Exhaust Deflector	1
35EC	I80-411	Screw	1		I40S-604A	Air Inlet 1/4"PF-19	
36EA	IS40S-412-C	Valve	1	85	I40S-604B	Air Inlet 1/4"PT-19	1
37C	00-41173	O-Ring	2		I40S-604C	Air Inlet 1/4"NPT-18	
38	00-3813	Steel Ball	2	86	00-3509	Snap Ring	1
39EA	IS50R-425-C	Spring	1	87C	I40S-453	Spring	1
40	00-3435	Pin	2	88C	I40S-454	Block cap	1
41	00-3436	Pin	1	89	00-41130	O-Ring	1
42C	I40S-404-B	Pulse Cylinder	1	90EA	I40-409	Back Up Ring	1
43	00-3407	Pin	2	91EC	I80-422	Back Up Ring	1
44EA	IS40S-415-C	Rear Plate	1	※	6-1040372	Repair kit :Index No- 5EB; 12; 28; 31B(2); 32B(2); 44EA; 56(9); 66; 80; 81; 82	
45	I40S-423	Washer	1		6-1040373	Service kit :Index No- 23(2); 24; 25(2); 29; 33(2); 37C(2); 90EA	
46C	IS40S-421	Pressure Valve	2				
47	IS40S-314	Shut Off Stem	1	※			
48	IS40S-317	Spring	1				
49	I40S-402	Lock Nut	1				
50	I40S-306	Lock Nut	1	※	6-1023496	Impulse Oil	
※	IS50R-400ASM	Pulse unit : Index No- 22,23,24,25,26,27EA,28,29,30,31B,32B,33,34B,35EC,36EA,37C,38,39EA,40,41,42C,43,44EA,46C,49,87C, 88C,89,90EA,91EC					

DPTS-50RAHD Auto-Shut Off Impulse Wrench (3/8"SQ)

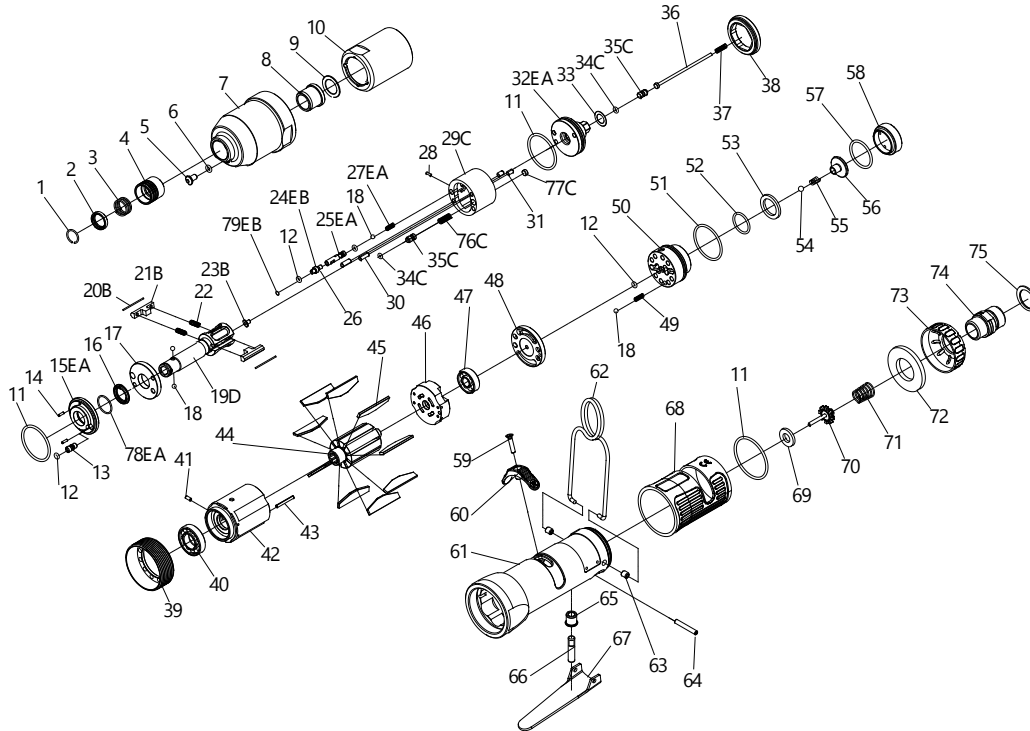
Edition:05D-DO

Index No.	Part No.	Description	Q'ty	Index No.	Part No.	Description	Q'ty
1	I50R-706	Lock Nut	1	51	00-2348	Ball Bearing	1
2	00-41134	O-Ring	1	52	00-3324	Spring Pin	1
3	00-2358	Ball Bearing	1	53	I40S-302	Cylinder	1
4	I50R-711	Washer	1	54	00-3326	Spring Pin	1
5EB	I50R-705-B	Shaft Gear	1	55	I40S-303	Rotor	1
6	I50R-707	Shaft	1	56	I40S-304	Rotor Blade	9
7	00-2357	Ball Bearing	1	57C	I50R-305	Rear Plate	1
8	I90-410	Greasing Screw	1	58	00-2356	Ball Bearing	1
9	00-4153	O-Ring	1	59	I40S-310	Air inlet Plate	1
10	I50R-701	Angle Housing	1	60	305F-034	Spring	1
11	00-0605	Set Screw	1	61	IS40S-502	F/R Valve	1
12	I50R-704	Main Shaft Gear	1	62	00-41146	O-Ring	1
13	I50R-712	Washer	1	63	00-4121	O-Ring	1
14	00-2352	Ball Bearing	2	64	IS40S-312	Valve Washer	1
15	I50R-709	Lock Nut	1	65	00-3824	Steel Ball	1
16	I50R-702	Lock Nut	1	66	IS40S-313	Spring	1
17	I50R-708	Anvil Collar	1	67	IS40S-311	Valve	1
18	00-3430	Pin	1	68	00-41125	O-Ring	1
19	I50R-201	Pulse Unit Housing	1	69	I40S-309	Seat	1
20	I40S-202	Bushing	1	70	I40S-101	Motor Housing	1
21	I40S-424	Washer	1	71	00-0507	Screw	1
22	I40S-401	Pulse Cylinder Seat	1	72	I40S-503	Regulator Knob	1
23	00-41127	O-Ring	3	73	I40S-102	Hanger	1
24	I70-410	Greasing Screw	1	74	I40S-509	Bushing	1
25	00-41113	O-Ring	3	75	IS40S-510	Pin	1
26	00-3318	Spring Pin	2	76	I40S-504	Trigger	1
27EA	I40S-403-B	Front Cover	1	77	I40S-108	Bushing	2
28	I40S-408	Front Plate	1	78	00-3306	Spring Pin	1
29	00-2602	X-Ring	1	79	I40S-103	Rubber	1
30	I50R-405	Anvil	1	80	I40S-508	Bushing	1
31B	I40S-452	Roller	2	81	305C-021	Valve Stem	1
32B	I40S-406-B	Drive Blade	2	82	I40S-507	Spring	1
33	I40S-407	Spring	2	83	I40S-601	Muffler	1
34B	IS40-450	Block Valve	1	84	I40S-603	Exhaust Deflector	1
35EC	I80-411	Screw	1		I40S-604A	Air Inlet 1/4"PF-19	
36EA	IS40S-412-C	Valve	1	85	I40S-604B	Air Inlet 1/4"PT-19	1
37C	00-41173	O-Ring	2		I40S-604C	Air Inlet 1/4"NPT-18	
38	00-3813	Steel Ball	2	86	00-3509	Snap Ring	1
39EA	IS50R-425-C	Spring	1	87C	I40S-453	Spring	1
40	00-3435	Pin	2	88C	I40S-454	Block cap	1
41	00-3436	Pin	1	89	00-41130	O-Ring	1
42C	I40S-404-B	Pulse Cylinder	1	90EA	I40-409	Back Up Ring	1
43	00-3407	Pin	2	91EC	I80-422	Back Up Ring	1
44EA	IS40S-415-C	Rear Plate	1	※	6-1040372	Repair kit :Index No-	
45	I40S-423	Washer	1			5EB; 12; 28; 31B(2); 32B(2);	
46C	IS40S-421	Pressure Valve	2			44EA; 56(9); 66; 80; 81; 82	
47	IS40S-314	Shut Off Stem	1	※	6-1040373	Service kit :Index No-	
48	IS40S-317	Spring	1			23(2); 24; 25(2); 29; 33(2);	
49	I40S-402	Lock Nut	1			37C(2); 90EA	
50	I40S-306	Lock Nut	1	※	6-1023496	Impulse Oil	
※	IS50R-400ASM	Pulse unit : Index No- 22,23,24,25,26,27EA,28,29,30,31B,32B,33,34B,35EC,36EA,37C,38,39EA,40,41,42C,43,44EA,46C,49,87C, 88C,89,90EA,91EC					

DPTS-50S Auto-Shut Off Impulse Wrench (3/8"SQ)

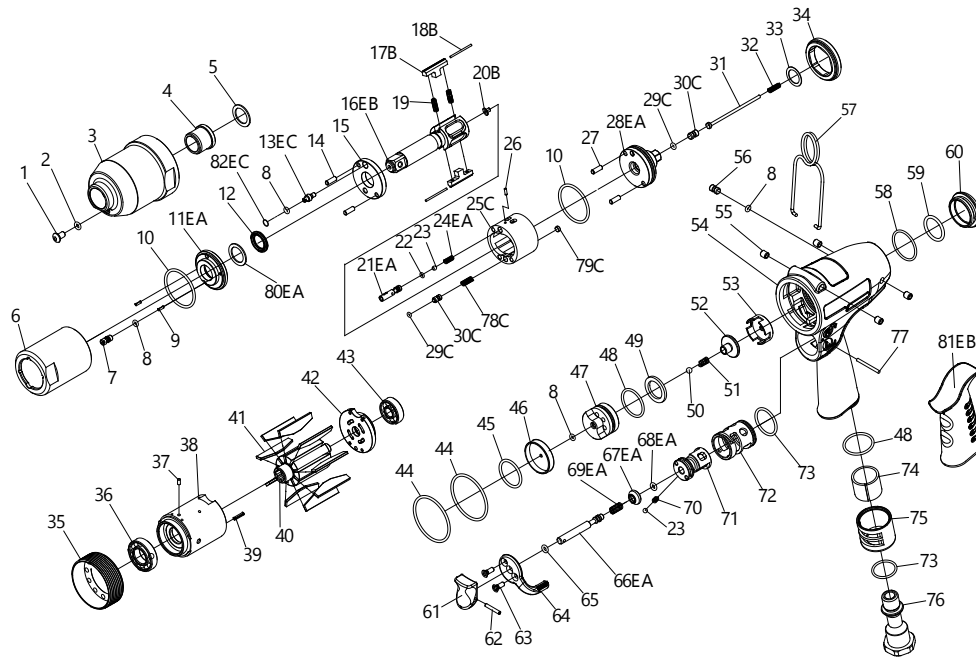
Edition:05D-DO

Index No.	Part No.	Description	Q'ty	Index No.	Part No.	Description	Q'ty
1	I100-410	Greasing Screw	1	43	00-2356	Ball Bearing	1
2	00-4153	O-Ring	1	44	I40S-310	Air Inlet Plate	1
3	I40S-201	Pulse Unit Housing	1	45	305F-034	Spring	1
4	I40S-202	Bushing	1	46	IS40S-502	F/R Valve	1
5	I40S-424	Washer	1	47	00-41146	O-Ring	1
6	I40S-401	Pulse Cylinder Seat	1	48	00-4121	O-Ring	1
7	00-41127	O-Ring	3	49	IS40S-312	Valve Washer	1
8	00-41113	O-Ring	3	50	00-3824	Steel Ball	1
9	I70-410	Greasing Screw	1	51	IS40S-313	Spring	1
10	00-3318	Spring Pin	2	52	IS40S-311	Valve	1
11EA	I40S-403-B	Front Cover	1	53	00-41125	O-Ring	1
12	00-2602	X-Ring	1	54	I40S-309	Seat	1
13	I40S-408	Front Plate	1	55	00-0507	Screw	1
14EB	IS40S-405-B	Anvil	1	56	I40S-503	Regulator Knob	1
15B	I40S-452	Roller	2	57	I40S-101	Motor Housing	1
16B	I40S-406-B	Drive Blade	2	58	I40S-102	Hanger	1
17	I40S-407	Spring	2	59	I40S-108	Bushing	2
18B	IS40-450	Block Valve	1	60	00-3306	Spring Pin	1
19EC	I80-411	Valve Screw	1	61	I40S-509	Bushing	1
20EA	IS40S-412-C	Valve	1	62	IS40S-510	Pin	1
21	00-41130	O-Ring	1	63	I40S-504	Trigger	1
22	00-3813	Steel Ball	2	64	I40S-103	Housing Rubber	1
23EA	IS50S-425-C	Spring	1	65	I40S-508	Bushing	1
24	00-3436	Pin	1	66	305C-021	Valve Stem	1
25C	I40S-404-B	Pulse Cylinder	1	67	I40S-507	Spring	1
26	00-3435	Pin	2	68	I40S-601	Muffler	1
27	00-3407	Pin	2	69	I40S-603	Exhaust Deflector	1
28EA	IS40S-415-C	Rear Plate	1		I40S-604A	Air Inlet 1/4"PF	
29	I40S-423	Washer	1	70	I40S-604B	Air Inlet 1/4"PT	1
30C	00-41173	O-Ring	2		I40S-604C	Air Inlet 1/4"NPT	
31C	IS40S-421	Pressure Valve	2	71	00-3509	Snap Ring	1
32	IS40S-314	Pin	1	72C	I40S-453	Spring	1
33	IS40S-317	Spring	1	73C	I40S-454	Block Cap	1
34	I40S-402	Lock Nut	1	74EA	I40-409	Back Up Ring	1
35	I40S-306	Lock Nut	1	75EC	I80-422	Back Up Ring	1
36	00-2348	Ball Bearing	1	※	6-1040541	Repair kit :Index No-13;15B(2);16B(2); 28EA; 41(9);51; 65; 66; 67	
37	I40S-302	Cylinder	1				
38	00-3324	Spring Pin	1				
39	00-3326	Spring Pin	1	※	6-1040542	Service kit :Index No-7(2); 8(2); 9; 12; 17(2); 30C(2); 74EA	
40	I40S-303	Rotor	1				
41	I40S-304	Rotor Blade	9				
42	I50S-305	Rear Plate	1	※	6-1023496	Impulse Oil	
※	IS50S-400ASM	Pulse unit : Index No-6,7,8,9,10,11EA,12,13,14EB,15B,16B,17,18B,19EC,20EA,21,22,23EA,24,25C,26,27,28EA,30C,31C, 34,72C, 73C,74EA,75EC					

DPTS-50SHD Auto-Shut Off Impulse Screwdriver (1/4"SQ)

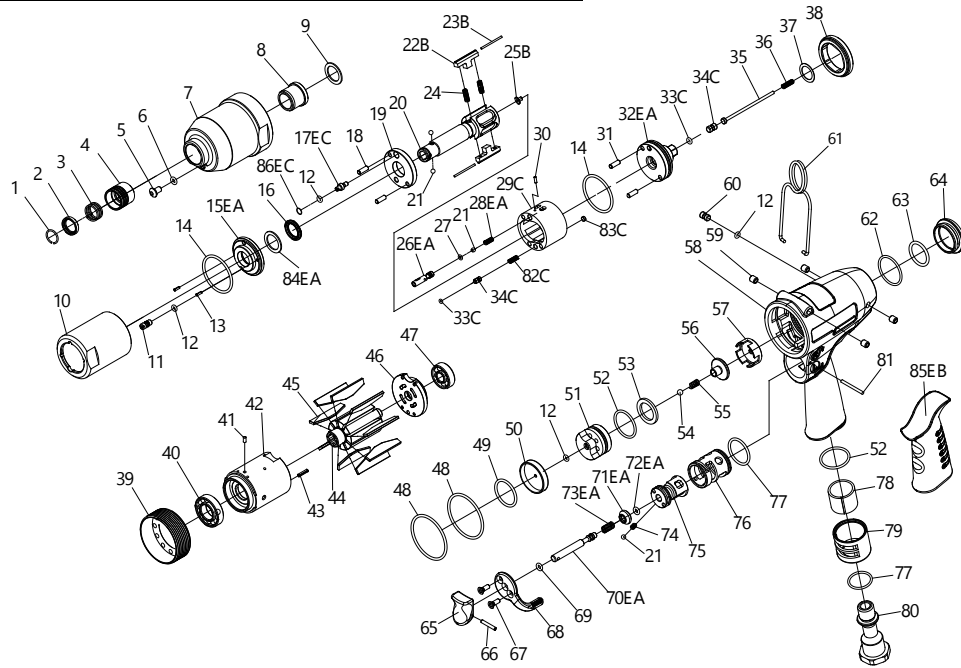
Edition:05C-DO

Index No.	Part No.	Description	Q'ty	Index No.	Part No.	Description	Q'ty
1	757-026	Anvil Collar	1	45	I40S-304	Rotor Blade	9
2	I40SD-419	Hold Spacer	1	46	I50S-305	Rear Plate	1
3	I40SD-418	Spring	1	47	00-2356	Ball Bearing	1
4	I40SD-417	Quick Change Hold	1	48	I40S-310	Air Inlet Plate	1
5	I100-410	Greasing Screw	1	49	305F-034	Spring	1
6	00-4153	O-Ring	1	50	IS40S-502	F/R Valve	1
7	I40S-201	Pulse Unit Housing	1	51	00-41146	O-Ring	1
8	I40S-202	Bushing	1	52	00-4121	O-Ring	1
9	I40S-424	Washer	1	53	IS40S-312	Valve Washer	1
10	I40S-401	Pulse Cylinder Seat	1	54	00-3824	Steel Ball	1
11	00-41127	O-Ring	3	55	IS40S-313	Spring	1
12	00-41113	O-Ring	3	56	IS40S-311	Valve	1
13	I70-410	Greasing Screw	1	57	00-41125	O-Ring	1
14	00-3318	Spring Pin	2	58	I40S-309	Seat	1
15EA	I40S-403-B	Front Cover	1	59	00-0507	Screw	1
16	00-2602	X-Ring	1	60	I40S-503	Regulator Knob	1
17	I40S-408	Front Plate	1	61	I40S-101	Motor Housing	1
18	00-3813	Steel Ball	4	62	I40S-102	Hanger	1
19D	IS40SD-405	Anvil	1	63	I40S-108	Bushing	2
20B	I40S-452	Roller	2	64	00-3306	Spring Pin	1
21B	I40S-406-B	Drive Blade	2	65	I40S-509	Bushing	1
22	I40S-407	Spring	2	66	IS40S-510	Pin	1
23B	IS40-450	Block Valve	1	67	I40S-504	Trigger	1
24EB	I80-411	Valve Screw	1	68	I40S-103	Housing Rubber	1
25EA	IS40S-412-C	Valve	1	69	I40S-508	Bushing	1
26	00-41130	O-Ring	1	70	305C-021	Valve Stem	1
27EA	IS50SD-425-C	Spring	1	71	I40S-507	Spring	1
28	00-3436	Pin	1	72	I40S-601	Muffler	1
29C	I40S-404-B	Pulse Cylinder	1	73	I40S-603	Exhaust Deflector	1
30	00-3435	Pin	2		I40S-604A	Air Inlet 1/4"PF	1
31	00-3407	Pin	2	74	I40S-604B	Air Inlet 1/4"PT	
32EA	IS40S-415-C	Rear Plate	1		I40S-604C	Air Inlet 1/4"NPT	
33	I40S-423	Washer	1	75	00-3509	Snap Ring	1
34C	00-41173	O-Ring	2	76C	I40S-453	Spring	1
35C	IS40S-421	Pressure Valve	2	77C	I40S-454	Block Cap	1
36	IS40S-314	Shut Off Stem	1	78EA	I40-409	Back Up Ring	1
37	IS40S-317	Spring	1	79EB	I80-422	Back Up Ring	1
38	I40S-402	Lock Nut	1	*	6-1040621	Repair kit :Index No-	
39	I40S-306	Lock Nut	1			17; 20B(2); 21B(2); 32EA; 45(9);	
40	00-2348	Ball Bearing	1			55; 69; 70; 71	
41	00-3324	Spring Pin	1	*	6-1040622	Service kit :Index No-	
42	I40S-302	Cylinder	1			11(2); 12(2); 13; 16; 22(2); 34C(2);	
43	00-3326	Spring Pin	1			78EA	
44	I40S-303	Rotor	1	*	6-1023496	Impulse Oil	
*	IS50SD-400ASM	Pulse unit : Index No-10,11,12,13,14,15EA,16,17,18,19D,20B,21B, 22,23B,24EB,25EA,26,27EA,28,29C,30,31,32EA,34C,35C,38, 76C,77C;78EA,79EB					

DPTS-60 Auto-Shut Off Impulse Wrench (3/8"SQ)

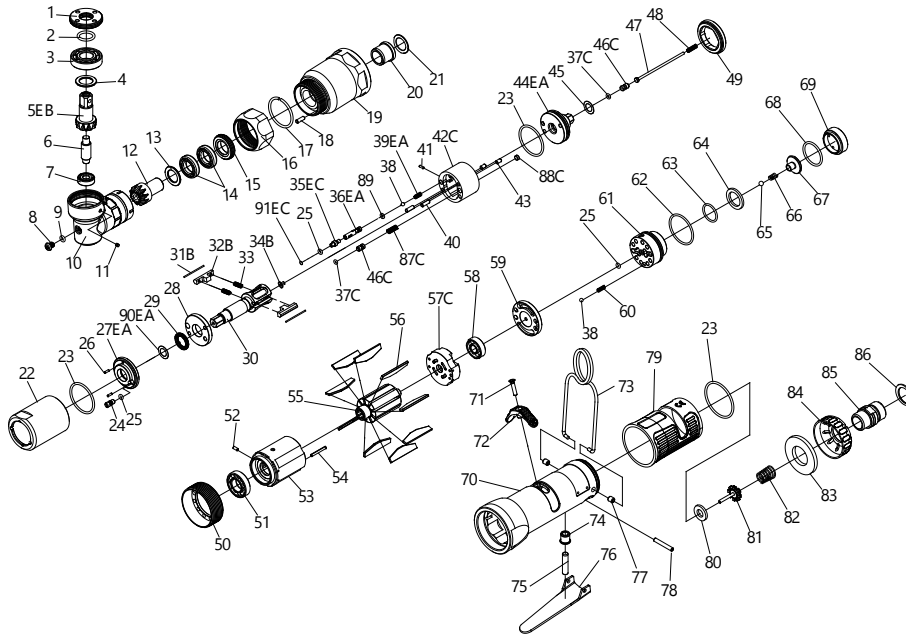
Edition:05D-DO

Index No.	Part No.	Description	Q'ty	Index No.	Part No.	Description	Q'ty
1	I100-410	Greasing Screw	1	46	IS40-307	Rear Cover	1
2	00-4153	O-Ring	1	47	IS40-524	Valve Seat	1
3	I60S-201	Pulse Unit Housing	1	48	00-41145	O-Ring	2
4	I40S-202	Bushing	1	49	IS40S-312	Washer	1
5	I40S-424	Washer	1	50	00-3824	Steel Ball	1
6	I60S-401	Pulse Cylinder Seat	1	51	IS40S-313	Spring	1
7	I70-410	Greasing Screw	1	52	IS40S-311	Valve	1
8	00-41113	O-Ring	4	53	IS40-518	Seat	1
9	00-3318	Spring Pin	2	54	IS60-101	Motor Housing	1
10	00-41127	O-Ring	2	55	I40S-108	Bushing	4
11EA	I40S-403-B	Front Cover	1	56	IS100-609	Screw	1
12	00-2602	X-Ring	1	57	I40S-102	Hanger	1
13EC	I80-411	Valve Screw	1	58	00-41146	O-Ring	1
14	00-3435	Pin	2	59	00-4169	O-Ring	1
15	I40S-408	Front Plate	1	60	I40-104	Nut	1
16EB	IS60S-405-B	Anvil	1	61	I40-504	Trigger	1
17B	I60S-406-B	Drive Blade	2	62	00-3354	Spring Pin	1
18B	I60S-452	Roller	2	63	00-0505	Screw	2
19	I40S-407	Spring	2	64	I100-503	Regulator Knob	1
20B	IS40-450	Block Valve	1	65	00-4101	O-Ring	1
21EA	IS60S-412-C	Valve	1	66EA	IS40-505B	Valve Stem	1
22	00-41130	O-Ring	1	67EA	I100-508B	Bushing	1
23	00-3813	Steel Ball	2	68EA	00-41199	O-Ring	1
24EA	IS60S-425-C	Spring	1	69EA	I40-507B	Spring	1
25C	I60S-404-B	Pulse Cylinder	1	70	I100-506	Spring	1
26	00-3436	Pin	1	71	IS40-502	F/R Valve	1
27	00-3407	Pin	2	72	I40-501	Valve Sleeve	1
28EA	IS40S-415-C	Rear Plate	1	73	00-41111	O-Ring	2
29C	00-41173	O-Ring	2	74	I40-601	Muffler	1
30C	IS40S-421	Pressure Valve	2	75	I40-603	Exhaust Deflector	1
31	IS60-314	Shut Off Stem	1		I40-604A	Air Inlet 1/4"-19PF	
32	IS40S-317	Spring	1	76	I40-604B	Air Inlet 1/4"-19PT	1
33	I40S-423	Washer	1		I40-604C	Air Inlet 1/4"-18NPT	
34	I40S-402	Lock Nut	1	77	I100-511	Pin	1
35	I40S-306	Lock Nut	1	78C	I60S-453	Spring	1
36	00-2348	Ball Bearing	1	79C	I40S-454	Block Cap	1
37	00-3324	Spring Pin	1	80EA	I40-409	Back Up Ring	1
38	I60-302	Cylinder	1	81EB	I60-103	Housing Rubber	1
39	00-3356	Spring Pin	1	82EC	I80-422	Back Up Ring	1
40	I60S-303	Rotor	1	※	6-1020080	Repair kit :Index No-15;17B(2);18B(2);28EA;41(9)	
41	I60S-304	Rotor Blade	9			51; 67EA; 68EA; 69EA	
42	I40-305	Rear Plate	1	※	6-1020081	Service kit :Index No-7;8(2);10(2);12;19(2);29C(2);80EA	
43	00-2356	Ball Bearing	1	※	6-1023496	Impulse Oil	
44	00-41144	O-Ring	2				
45	00-41135	O-Ring	1	※			
※	IS60S-400ASM	Pulse unit : Index No-6,7,8,9,10,11EA,12,13EC,14,15,16EB,17B,18B,19,20B,21EA, 22, 23, 24EA,25C,26,27,28EA,29C,30C,34, 78C, 79C,80EA,82EC					

DPTS-60HD Auto-Shut Off Impulse Screwdriver (1/4"SQ)

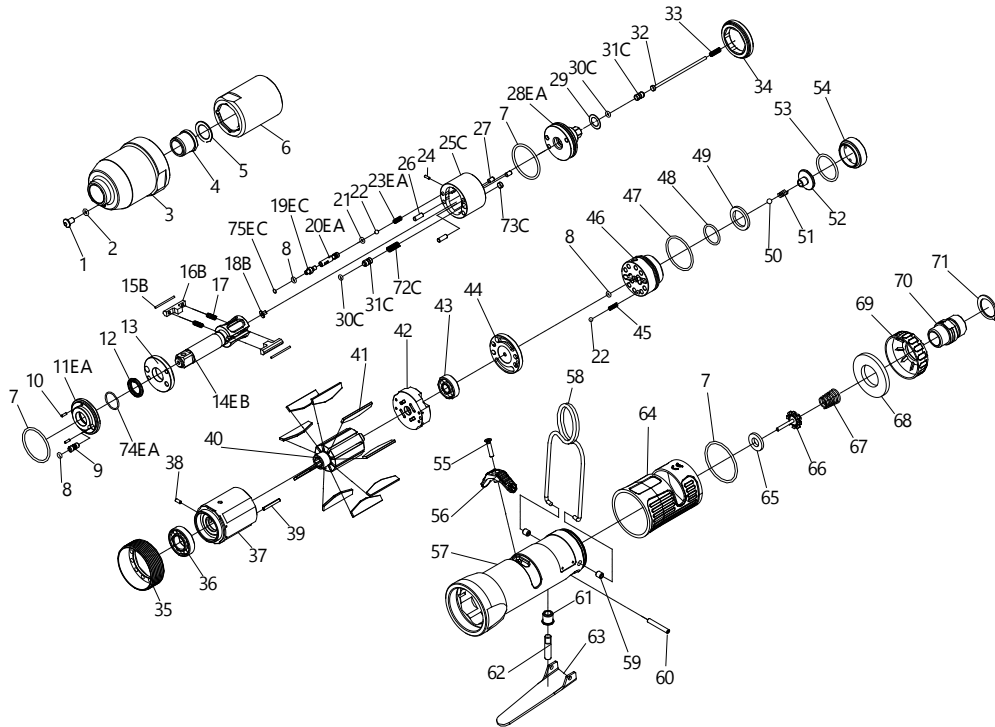
Edition:05D-DO

Index No.	Part No.	Description	Q'ty	Index No.	Part No.	Description	Q'ty
1	757-026	Anvil Collar	1	48	00-41144	O-Ring	2
2	I40SD-419	Hold Spacer	1	49	00-41135	O-Ring	1
3	I40SD-418	Spring	1	50	IS40-307	Rear Cover	1
4	I40SD-417	Quick Change Hold	1	51	IS40-524	Valve Seat	1
5	I100-410	Greasing Screw	1	52	00-41145	O-Ring	2
6	00-4153	O-Ring	1	53	IS40S-312	Washer	1
7	I60S-201	Pulse Unit Housing	1	54	00-3824	Steel Ball	1
8	I40S-202	Bushing	1	55	IS40S-313	Spring	1
9	I40S-424	Washer	1	56	IS40S-311	Valve	1
10	I60S-401	Pulse Cylinder Seat	1	57	IS40-518	Seat	1
11	I70-410	Greasing Screw	1	58	IS60-101	Motor Housing	1
12	00-41113	O-Ring	4	59	I40S-108	Bushing	4
13	00-3318	Spring Pin	2	60	IS100-609	Screw	1
14	00-41127	O-Ring	2	61	I40S-102	Hanger	1
15EA	I40S-403-B	Front Cover	1	62	00-41146	O-Ring	1
16	00-2602	X-Ring	1	63	00-4169	O-Ring	1
17EC	I80-411	Valve Screw	1	64	I40-104	Nut	1
18	00-3435	Pin	2	65	I40-504	Trigger	1
19	I40S-408	Front Plate	1	66	00-3354	Spring Pin	1
20B	IS60SD-405	Anvil	1	67	00-0505	Screw	2
21	00-3813	Steel Ball	4	68	I100-503	Regulator Knob	1
22B	I60S-406-B	Drive Blade	2	69	00-4101	O-Ring	1
23B	I60S-452	Roller	2	70EA	IS40-505B	Valve Stem	1
24	I40S-407	Spring	2	71EA	I100-508B	Bushing	1
25B	IS40-450	Block Valve	1	72EA	00-41199	O-Ring	1
26EA	IS60S-412-C	Valve	1	73EA	I40-507B	Spring	1
27	00-41130	O-Ring	1	74	I100-506	Spring	1
28EA	IS60SD-425-C	Spring	1	75	IS40-502	F/R Valve	1
29C	I60S-404-B	Pulse Cylinder	1	76	I40-501	Valve Sleeve	1
30	00-3436	Pin	1	77	00-41111	O-Ring	2
31	00-3407	Pin	2	78	I40-601	Muffler	1
32EA	IS40S-415-C	Rear Plate	1	79	I40-603	Exhaust Deflector	1
33C	00-41173	O-Ring	2		I40-604A	Air Inlet 1/4"-19PF	
34C	IS40S-421	Pressure Valve	2	80	I40-604B	Air Inlet 1/4"-19PT	1
35	IS60-314	Shut Off Stem	1		I40-604C	Air Inlet 1/4"-18NPT	
36	IS40S-317	Spring	1	81	I100-511	Pin	1
37	I40S-423	Washer	1	82C	I60S-453	Spring	1
38	I40S-402	Lock Nut	1	83C	I40S-454	Block Cap	1
39	I40S-306	Lock Nut	1	84EA	I40-409	Back Up Ring	1
40	00-2348	Ball Bearing	1	85EB	I60-103	Housing Rubber	1
41	00-3324	Spring Pin	1	86EC	I80-422	Back Up Ring	1
42	I60-302	Cylinder	1	※	6-1040943	Repair kit :Index No-19;22B(2);23B(2);32EA;45(9); 55; 71EA; 72EA; 73EA	
43	00-3356	Spring Pin	1	※	6-1040944	Service kit :Index No-11;12(2);14(2);16;24(2);33C(2);84EA	
44	I60S-303	Rotor	1	※	6-1023496	Impulse Oil	
45	I60S-304	Rotor Blade	9				
46	I40-305	Rear Plate	1				
47	00-2356	Ball Bearing	1				
※	IS60SD-400ASM	Pulse unit : Index No-10,11,12,13,14,15EA,16,17EC,18,19,20B,21,22B,23B,24,25B,26EA,27,28EA,29C,30,31,32EA,33C,34C,38,82C,83C,84EA,86EC					

DPTS-60RAHD Auto-Shut Off Impulse Wrench (3/8"SQ)

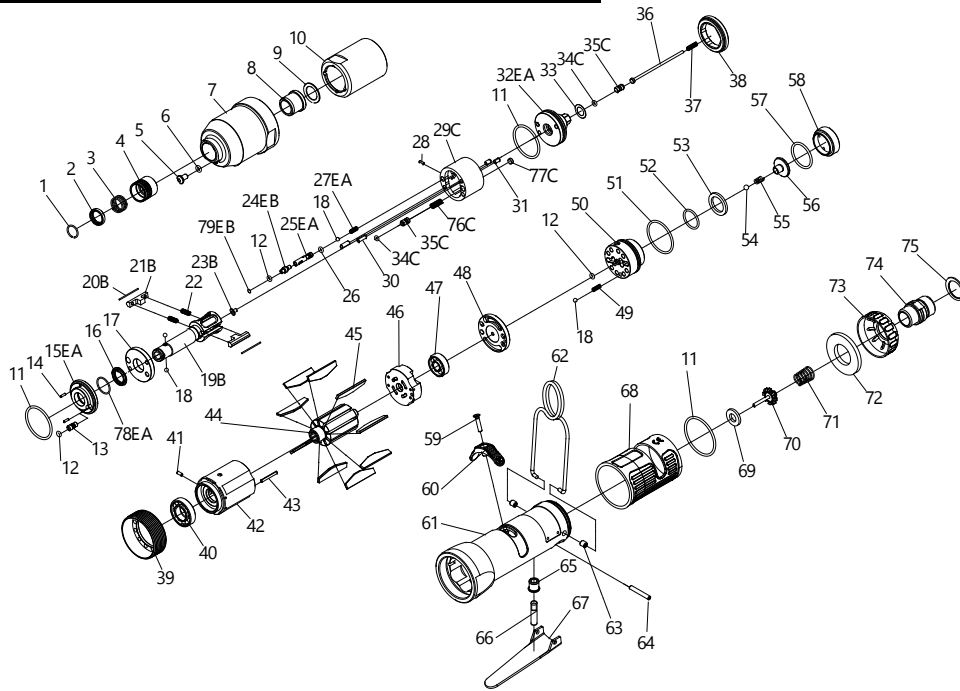
Edition:05D-DO

Index No.	Part No.	Description	Q'ty	Index No.	Part No.	Description	Q'ty
1	I50R-706	Lock Nut	1	51	00-2348	Ball Bearing	1
2	00-41134	O-Ring	1	52	00-3324	Spring Pin	1
3	00-2358	Ball Bearing	1	53	I60S-302	Cylinder	1
4	I50R-711	Washer	1	54	00-3326	Spring Pin	1
5EB	I50R-705-B	Shaft Gear	1	55	I60S-303	Rotor	1
6	I50R-707	Shaft	1	56	I60S-304	Rotor Blade	9
7	00-2357	Ball Bearing	1	57C	I60R-305	Rear Plate	1
8	I90-410	Greasing Screw	1	58	00-2356	Ball Bearing	1
9	00-4153	O-Ring	1	59	I40S-310	Air inlet Plate	1
10	I50R-701	Angle Housing	1	60	305F-034	Spring	1
11	00-0605	Set Screw	1	61	IS40S-502	F/R Valve	1
12	I50R-704	Main Shaft Gear	1	62	00-41146	O-Ring	1
13	I50R-712	Washer	1	63	00-4121	O-Ring	1
14	00-2352	Ball Bearing	2	64	IS40S-312	Valve Washer	1
15	I50R-709	Lock Nut	1	65	00-3824	Steel Ball	1
16	I50R-702	Lock Nut	1	66	IS40S-313	Spring	1
17	I50R-708	Anvil Collar	1	67	IS40S-311	Valve	1
18	00-3430	Pin	1	68	00-41125	O-Ring	1
19	I60R-201	Pulse Unit Housing	1	69	I40S-309	Seat	1
20	I40S-202	Bushing	1	70	I60S-101	Motor Housing	1
21	I40S-424	Washer	1	71	00-0507	Screw	1
22	I60S-401	Pulse Cylinder Seat	1	72	I40S-503	Regulator Knob	1
23	00-41127	O-Ring	3	73	I40S-102	Hanger	1
24	I70-410	Greasing Screw	1	74	I40S-509	Bushing	1
25	00-41113	O-Ring	3	75	IS40S-510	Pin	1
26	00-3318	Spring Pin	2	76	I40S-504	Trigger	1
27EA	I40S-403-B	Front Cover	1	77	I40S-108	Bushing	2
28	I40S-408	Front Plate	1	78	00-3306	Spring Pin	1
29	00-2602	X-Ring	1	79	I40S-103	Rubber	1
30	I60R-405	Anvil	1	80	I40S-508	Bushing	1
31B	I60S-452	Roller	2	81	305C-021	Valve Stem	1
32B	I60S-406-B	Drive Blade	2	82	I40S-507	Spring	1
33	I40S-407	Spring	2	83	I40S-601	Muffler	1
34B	IS40-450	Block Valve	1	84	I40S-603	Exhaust Deflector	1
35EC	I80-411	Screw	1		I40S-604A	Air Inlet 1/4"PF-19	
36EA	IS60S-412-C	Valve	1	85	I40S-604B	Air Inlet 1/4"PT-19	1
37C	00-41173	O-Ring	2		I40S-604C	Air Inlet 1/4"NPT-18	
38	00-3813	Steel Ball	2	86	00-3509	Snap Ring	1
39EA	IS60R-425-C	Spring	1	87C	I60S-453	Spring	1
40	00-3435	Pin	2	88C	I40S-454	Block cap	1
41	00-3436	Pin	1	89	00-41130	O-Ring	1
42C	I60S-404-B	Pulse Cylinder	1	90EA	I40-409	Back Up Ring	1
43	00-3407	Pin	2	91EC	I80-422	Back Up Ring	1
44EA	IS40S-415-C	Rear Plate	1	※	6-1041040	Repair kit :Index No-5EB;12;28;31B(2);32B(2);44EA ; 56(9); 66; 80; 81; 82	
45	I40S-423	Washer	1				
46C	IS40S-421	Pressure Valve	2				
47	IS60S-314	Shut Off Stem	1	※	6-1041041	Service kit :Index No-23(2);24;25(2);29;33(2);37C(2);	
48	IS40S-317	Spring	1				
49	I40S-402	Lock Nut	1				
50	I40S-306	Lock Nut	1	※	6-1023496	90EA Impulse Oil	
※	IS60R-400ASM	Pulse unit : Index No-22,23,24,25,26,27EA,28,29,30,31B,32B,33,34B,35EC,36EA, 37C,38,39EA,40,41,42C,43,44EA,46C,49, 87C, 88C,89,90EA,91EC					

DPTS-60S Auto-Shut Off Impulse Wrench (3/8"SQ)

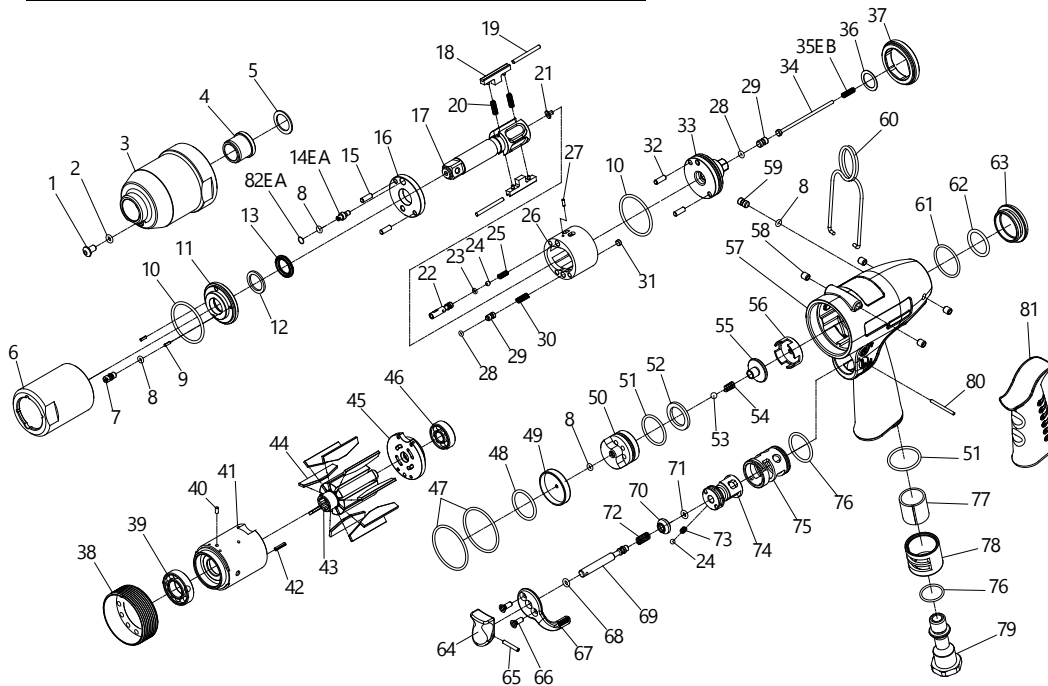
Edition:05D-DO

Index No.	Part No.	Description	Q'ty	Index No.	Part No.	Description	Q'ty
1	I100-410	Greasing Screw	1	43	00-2356	Ball Bearing	1
2	00-4153	O-Ring	1	44	I40S-310	Air Inlet Plate	1
3	I60S-201	Pulse Unit Housing	1	45	305F-034	Spring	1
4	I40S-202	Bushing	1	46	IS40S-502	F/R Valve	1
5	I40S-424	Washer	1	47	00-41146	O-Ring	1
6	I60S-401	Pulse Cylinder Seat	1	48	00-4121	O-Ring	1
7	00-41127	O-Ring	3	49	IS40S-312	Valve Washer	1
8	00-41113	O-Ring	3	50	00-3824	Steel Ball	1
9	I70-410	Greasing Screw	1	51	IS40S-313	Spring	1
10	00-3318	Spring Pin	2	52	IS40S-311	Valve	1
11EA	I40S-403-B	Front Cover	1	53	00-41125	O-Ring	1
12	00-2602	X-Ring	1	54	I40S-309	Seat	1
13	I40S-408	Front Plate	1	55	00-0507	Screw	1
14EB	IS60S-405-B	Anvil	1	56	I40S-503	Regulator Knob	1
15B	I60S-452	Roller	2	57	I60S-101	Motor Housing	1
16B	I60S-406-B	Drive Blade	2	58	I40S-102	Hanger	1
17	I40S-407	Spring	2	59	I40S-108	Bushing	2
18B	IS40-450	Block Valve	1	60	00-3306	Spring Pin	1
19EC	I80-411	Valve Screw	1	61	I40S-509	Bushing	1
20EA	IS60S-412-C	Valve	1	62	IS40S-510	Pin	1
21	00-41130	O-Ring	1	63	I40S-504	Trigger	1
22	00-3813	Steel Ball	2	64	I40S-103	Housing Rubber	1
23EA	IS60S-425-C	Spring	1	65	I40S-508	Bushing	1
24	00-3436	Pin	1	66	305C-021	Valve Stem	1
25C	I60S-404-B	Pulse Cylinder	1	67	I40S-507	Spring	1
26	00-3435	Pin	2	68	I40S-601	Muffler	1
27	00-3407	Pin	2	69	I40S-603	Exhaust Deflector	1
28EA	IS40S-415-C	Rear Plate	1		I40S-604A	Air Inlet 1/4"PF	1
29	I40S-423	Washer	1	70	I40S-604B	Air Inlet 1/4"PT	
30C	00-41173	O-Ring	2		I40S-604C	Air Inlet 1/4"NPT	
31C	IS40S-421	Pressure Valve	2	71	00-3509	Snap Ring	1
32	IS60S-314	Shut Off Stem	1	72C	I60S-453	Spring	1
33	IS40S-317	Spring	1	73C	I40S-454	Block Cap	1
34	I40S-402	Lock Nut	1	74EA	I40-409	Back Up Ring	1
35	I40S-306	Lock Nut	1	75EC	I80-422	Back Up Ring	1
36	00-2348	Ball Bearing	1	※	6-1041235	Repair kit :Index No-13; 28EA; 15B(2); 16B(2)	
37	I60S-302	Cylinder	1			41(9); 51; 65; 66; 67	
38	00-3324	Spring Pin	1	※	6-1041236	Service kit :Index No-7(2); 8(2); 9; 12; 17(2); 30C(2);	
39	00-3326	Spring Pin	1			74EA	
40	I60S-303	Rotor	1			Impulse Oil	
41	I60S-304	Rotor Blade	9	※	6-1023496		
42	I50S-305	Rear Plate	1				
※	IS60S-400ASM	Pulse unit : Index No-6,7,8,9,10,11EA,12,13,14EB,15B,16B,17,18B,19EC,20EA,21,22,23EA,24,25C,26,27,28EA,30C,31C,34, 72C, 73C,74EA,75EC					

DPTS-60SHD Auto-Shut Off Impulse Screwdriver (1/4"SQ)

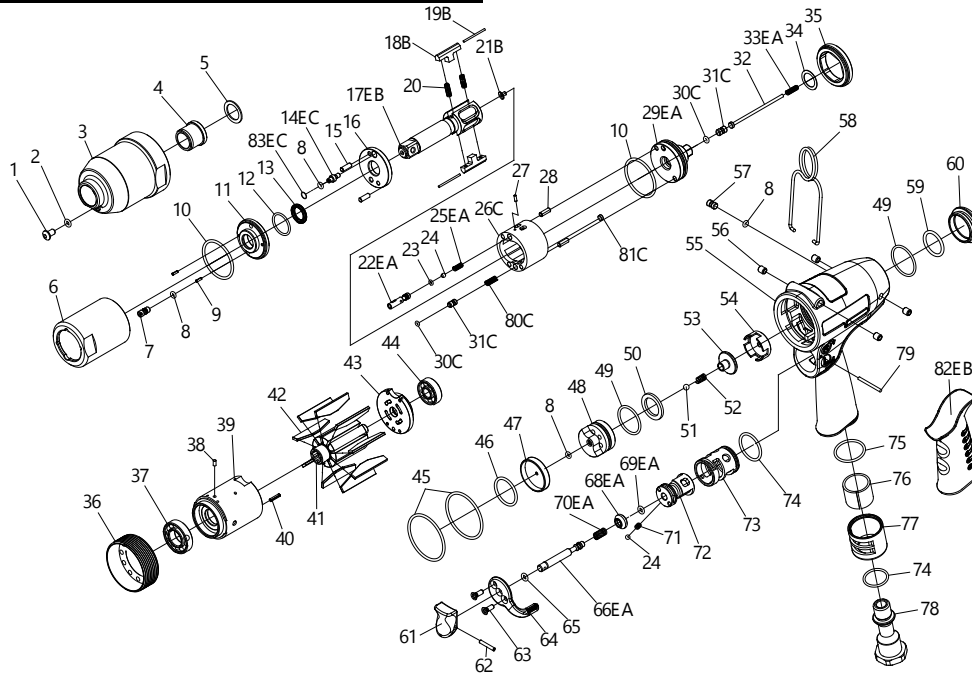
Edition:05C-DO

Index No.	Part No.	Description	Q'ty	Index No.	Part No.	Description	Q'ty
1	757-026	Anvil Collar	1	45	160S-304	Rotor Blade	9
2	I40SD-419	Hold Spacer	1	46	150S-305	Rear Plate	1
3	I40SD-418	Spring	1	47	00-2356	Ball Bearing	1
4	I40SD-417	Quick Change Hold	1	48	I40S-310	Air Inlet Plate	1
5	I100-410	Greasing Screw	1	49	305F-034	Spring	1
6	00-4153	O-Ring	1	50	IS40S-502	F/R Valve	1
7	I60S-201	Pulse Unit Housing	1	51	00-41146	O-Ring	1
8	I40S-202	Bushing	1	52	00-4121	O-Ring	1
9	I40S-424	Washer	1	53	IS40S-312	Valve Washer	1
10	I60S-401	Pulse Cylinder Seat	1	54	00-3824	Steel Ball	1
11	00-41127	O-Ring	3	55	IS40S-313	Spring	1
12	00-41113	O-Ring	3	56	IS40S-311	Valve	1
13	I70-410	Greasing Screw	1	57	00-41125	O-Ring	1
14	00-3318	Spring Pin	2	58	I40S-309	Seat	1
15EA	I40S-403-B	Front Cover	1	59	00-0507	Screw	1
16	00-2602	X-Ring	1	60	I40S-503	Regulator Knob	1
17	I40S-408	Front Plate	1	61	I60S-101	Motor Housing	1
18	00-3813	Steel Ball	4	62	I40S-102	Hanger	1
19B	IS60SD-405	Anvil	1	63	I40S-108	Bushing	2
20B	I60S-452	Roller	2	64	00-3306	Spring Pin	1
21B	I60S-406-B	Drive Blade	2	65	I40S-509	Bushing	1
22	I40S-407	Spring	2	66	IS40S-510	Pin	1
23B	IS40-450	Block Valve	1	67	I40S-504	Trigger	1
24EB	I80-411	Valve Screw	1	68	I40S-103	Housing Rubber	1
25EA	IS60S-412-C	Valve	1	69	I40S-508	Bushing	1
26	00-41130	O-Ring	1	70	305C-021	Valve Stem	1
27EA	IS60SD-425-C	Spring	1	71	I40S-507	Spring	1
28	00-3436	Pin	1	72	I40S-601	Muffler	1
29C	I60S-404-B	Pulse Cylinder	1	73	I40S-603	Exhaust Deflector	1
30	00-3435	Pin	2		I40S-604A	Air Inlet 1/4"PF	
31	00-3407	Pin	2	74	I40S-604B	Air Inlet 1/4"PT	1
32EA	IS40S-415-C	Rear Plate	1		I40S-604C	Air Inlet 1/4"NPT	
33	I40S-423	Washer	1	75	00-3509	Snap Ring	1
34C	00-41173	O-Ring	2	76C	I60S-453	Spring	1
35C	IS40S-421	Pressure Valve	2	77C	I40S-454	Block Cap	1
36	IS60S-314	Shut Off Stem	1	78EA	I40-409	Back Up Ring	1
37	IS40S-317	Spring	1	79EB	I80-422	Back Up Ring	1
38	I40S-402	Lock Nut	1	※	6-1041310	Repair kit :Index No- 17; 20B(2); 21B(2); 32EA; 45(9)	
39	I40S-306	Lock Nut	1			55; 69; 70; 71	
40	00-2348	Ball Bearing	1	※	6-1041311	Service kit :Index No- 11(2); 12(2); 13; 16; 22(2); 34C(2);	
41	00-3324	Spring Pin	1			78EA	
42	I60S-302	Cylinder	1				
43	00-3326	Spring Pin	1				
44	I60S-303	Rotor	1	※	6-1023496	Impulse Oil	
※	IS60SD-400ASM	Pulse unit : Index No- 10,11,12,13,14,15EA,16,17,18,19B,20B,21B, 22,23B,24EB,25EA,26,27EA,28,29C,30,31,32EA,34C,35C, 38, 76C,77C,78EA,79EB					

DPTS-65 Auto-Shut Off Impulse Wrench (3/8"SQ)

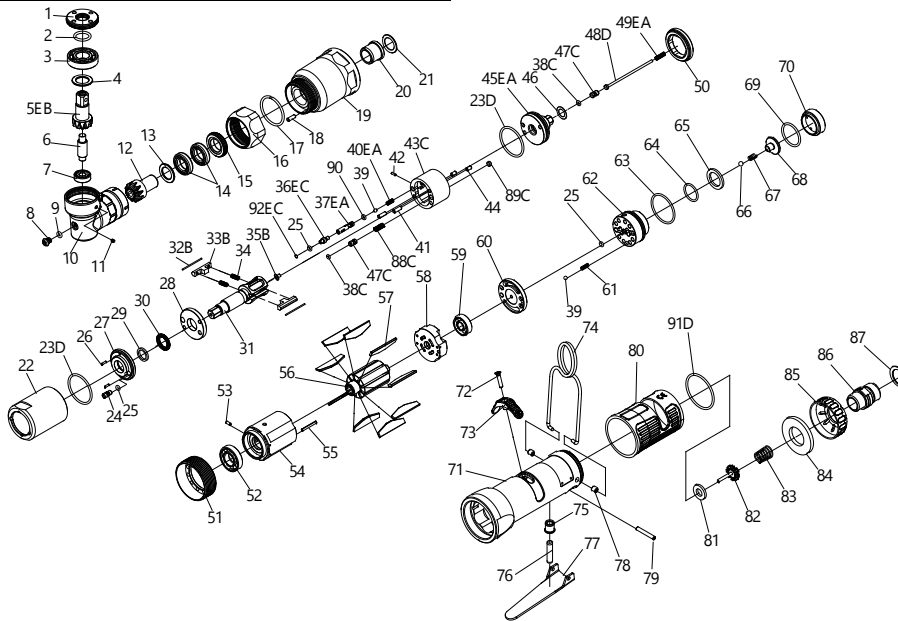
Edition:05C-DO

Index No.	Part No.	Description	Q'ty	Index No.	Part No.	Description	Q'ty
1	I100-410	Greasing Screw	1	46	00-2356	Ball Bearing	1
2	00-4153	O-Ring	1	47	00-41210	O-Ring	2
3	I70X-201	Pulse Unit Housing	1	48	00-41135	O-Ring	1
4	I40S-202	Bushing	1	49	IS40-307	Rear Cover	1
5	I40S-424	Washer	1	50	IS40-524	Valve Seat	1
6	I70-401	Pulse Cylinder Seat	1	51	00-41145	O-Ring	2
7	I70-410	Greasing Screw	1	52	IS40S-312	Washer	1
8	00-41113	O-Ring	4	53	00-3824	Steel Ball	1
9	00-3318	Spring Pin	2	54	IS40S-313	Spring	1
10	00-41160	O-Ring	2	55	IS40S-311	Valve	1
11	I70-403	Front Cover	1	56	IS40-518	Seat	1
12	I70-409	Back Up Ring	1	57	IS70X-101	Motor Housing	1
13	00-2602	X-Ring	1	58	I40S-108	Bushing	4
14EA	I80-411	Valve Screw	1	59	IS100-609	Screw	1
15	00-3435	Pin	2	60	I40S-102	Hanger	1
16	I70-408	Front Plate	1	61	00-41146	O-Ring	1
17	I70-405-B	Anvil	1	62	00-4169	O-Ring	1
18	I70-406-B	Drive Blade	2	63	I40-104	Nut	1
19	I70-452	Roller	2	64	I40-504	Trigger	1
20	I70-407	Spring	2	65	00-3354	Spring Pin	1
21	IS40-450	Block Valve	1	66	00-0505	Screw	2
22	IS65-412	Valve	1	67	I100-503	Regulator Knob	1
23	00-41130	O-Ring	1	68	00-4101	O-Ring	1
24	00-3813	Steel Ball	2	69	IS40-505B	Valve Stem	1
25	IS65-425	Spring	1	70	I100-508B	Bushing	1
26	I70-404-B	Pulse Cylinder	1	71	00-41199	O-Ring	1
27	00-3436	Pin	1	72	I40-507B	Spring	1
28	00-41173	O-Ring	2	73	I100-506	Spring	1
29	IS40S-421	Pressure Valve	2	74	IS40-502	F/R Valve	1
30	I70S-453	Spring	1	75	I40-501	Valve Sleeve	1
31	I40S-454	Block Cap	1	76	00-41111	O-Ring	2
32	00-3407	Pin	2	77	I40-601	Muffler	1
33	IS70-415-C	Rear Plate	1	78	I40-603	Exhaust Deflector	1
34	IS60S-314	Shut Off Stem	1		I40-604A	Air Inlet 1/4"-19PF	
35EB	IS150-317	Spring	1	79	I40-604B	Air Inlet 1/4"-19PT	1
36	I40S-423	Washer	1		I40-604C	Air Inlet 1/4"-18NPT	
37	I70-402	Lock Nut	1	80	I100-511	Pin	1
38	I70X-306	Lock Nut	1	81	I60-103	Housing Rubber	1
39	00-2348	Ball Bearing	1	82EA	I80-422	Back Up Ring	1
40	00-3324	Spring Pin	1	※	6-1041245	Repair kit :Index No-	
41	I65-302	Cylinder	1			16; 18(2); 19(2); 33; 44(9); 54; 70;	
42	00-3356	Spring Pin	1			71; 72	
43	I70S-303	Rotor	1	※	6-1041246	Service kit :Index No-	
44	I70S-304	Rotor Blade	9			7; 8(2); 10(2); 12; 13; 20(2); 28(2)	
45	I70X-305	Rear Plate	1	※	6-1023496	Impulse Oil	
※	IS65-400ASM	Pulse unit : Index No- 6,7,8,9,10,11,12,13,14EA,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,37,82EA					

DPTS-70 Auto-Shut Off Impulse Wrench (3/8"SQ)

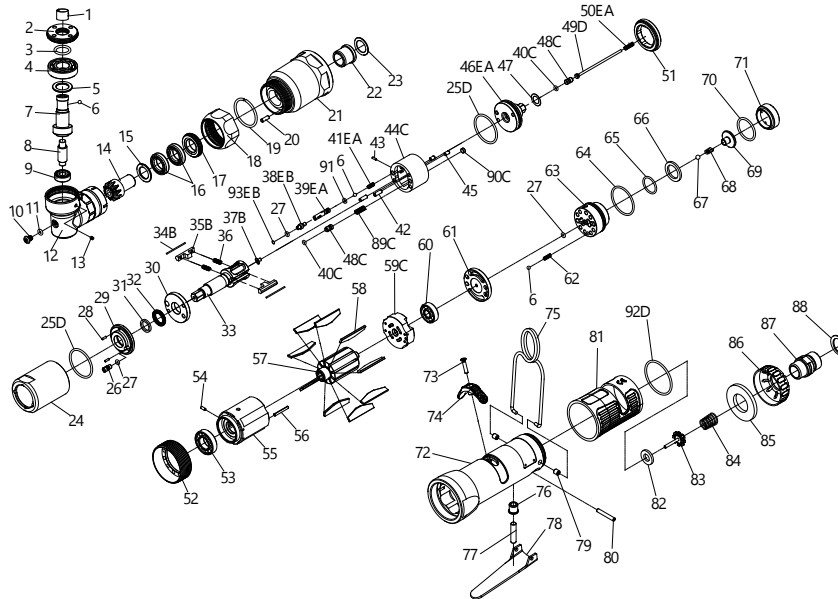
Edition:05D-DO

Index No.	Part No.	Description	Q'ty	Index No.	Part No.	Description	Q'ty
1	I100-410	Greasing Screw	1	46	00-41138	O-Ring	1
2	00-4153	O-Ring	1	47	IS70-307	Rear Cover	1
3	I70-201	Pulse Unit Housing	1	48	IS100-524	Valve Seat	1
4	I40S-202	Bushing	1	49	00-41127	O-Ring	2
5	I40S-424	Washer	1	50	IS100-312	Washer	1
6	I70-401	Pulse Cylinder Seat	1	51	00-3824	Steel Ball	1
7	I70-410	Greasing Screw	1	52	IS100-313	Spring	1
8	00-41113	O-Ring	4	53	IS100-311	Valve	1
9	00-3318	Spring Pin	2	54	IS100-518	Seat	1
10	00-41160	O-Ring	2	55	IS90-101	Motor Housing	1
11	I70-403	Front Cover	1	56	I40S-108	Bushing	4
12	I70-409	Back Up Ring	1	57	IS100-609	Screw	1
13	00-2602	X-Ring	1	58	I40S-102	Hanger	1
14EC	I80-411	Valve Screw	1	59	00-41166	O-Ring	1
15	00-3435	Pin	2	60	I100-104	Nut	1
16	I70-408	Front Plate	1	61	I130-504	Trigger	1
17EB	I70-405-B	Anvil	1	62	00-3354	Spring Pin	1
18B	I70-406-B	Drive Blade	2	63	00-0505	Screw	2
19B	I70-452	Roller	2	64	I100-503	Regulator Knob	1
20	I70-407	Spring	2	65	00-4101	O-Ring	1
21B	IS40-450	Block Valve	1	66EA	IS100-505B	Valve stem	1
22EA	IS70-412-C	Valve	1	68EA	I100-508B	Bushing	1
23	00-41130	O-Ring	1	69EA	00-41199	O-Ring	1
24	00-3813	Steel Ball	2	70EA	I100-507B	Spring	1
25EA	IS70-425-C	Spring	1	71	I100-506	Spring	1
26C	I70-404-B	Pulse Cylinder	1	72	IS100-502	F/R Valve	1
27	00-3436	Pin	1	73	I100-501	Valve Sleeve	1
28	00-3407	Pin	2	74	00-41111	O-Ring	2
29EA	IS70-415-C	Rear Plate	1	75	00-4158	O-Ring	1
30C	00-41173	O-Ring	2	76	I70-601	Muffler	1
31C	IS40S-421	Pressure Valve	2	77	I100-603	Exhaust Deflector	1
32	IS90-314	Shut Off Stem	1	78	I100-604A	Air Inlet 1/4"PF 19	1
33EA	IS150-317	Spring	1		I100-604B	Air Inlet 1/4"PT 19	1
34	I40S-423	Washer	1		I100-604C	Air Inlet 1/4"NPT 18	1
35	I70-402	Lock Nut	1	79	I100-511	Pin	1
36	I90-306	Lock Nut	1	80C	I70S-453	Spring	1
37	00-2348	Ball Bearing	1	81C	I40S-454	Block Cap	1
38	00-3324	Spring Pin	1	82EB	I90-103	Housing Rubber	1
39	I70-302	Cylinder	1	83EC	I80-422	Back Up Ring	1
40	00-3339	Spring Pin	1	※	6-1041392	Repair kit :Index No- 16;18B(2);19B(2); 29EA; 42(9);52; 68EA; 69EA; 70EA	
41	I70-303	Rotor	1	※	6-1041393	Service kit :Index No- 7;8(2);10(2);12;13;20(2);30C(2)	
42	I70-304	Rotor Blade	9	※	6-1023496	Impulse Oil	
43	I70-305	Rear Plate	1				
44	00-2356	Ball Bearing	1				
45	00-41181	O-Ring	2				
※	IS70-400ASM	Pulse unit : Index No- 6,7,8,9,10,11,12,13,14EC,15,16,17EB,18B,19B,20,21B,22EA,23,24,25EA,26C,27,28,29EA,30C,31C, 35,80C, 81C,83EC					

DPTS-70RA Auto-Shut Off Impulse Wrench (3/8"SQ)

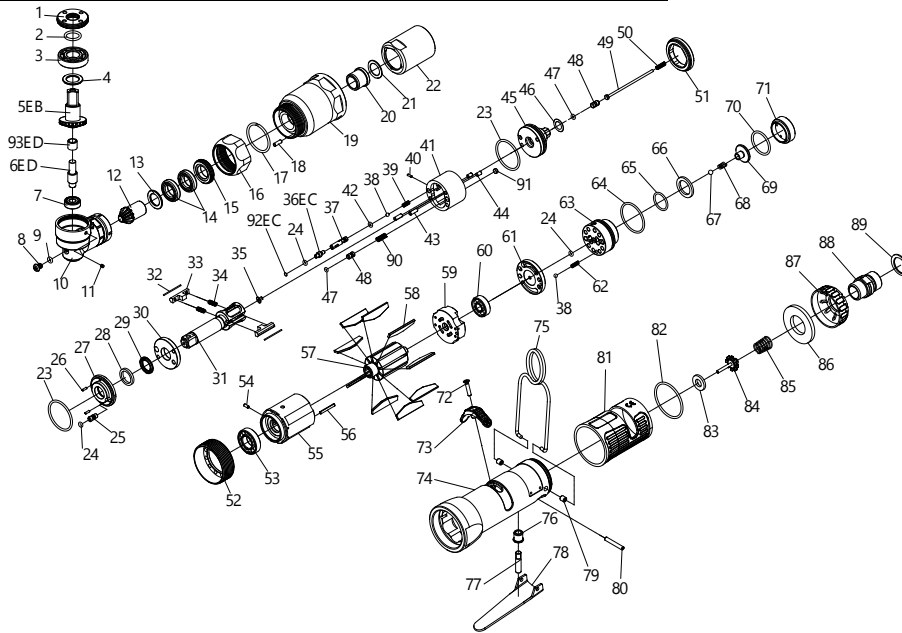
Edition:05D-DO

Index No.	Part No.	Description	Q'ty	Index No.	Part No.	Description	Q'ty
1	I50R-706	Lock Nut	1	51	I70S-306	Lock Nut	1
2	00-41134	O-Ring	1	52	00-2348	Ball Bearing	1
3	00-2358	Ball Bearing	1	53	00-3324	Spring Pin	1
4	I50R-711	Washer	1	54	I70S-302	Cylinder	1
5EB	I50R-705-B	Shaft Gear	1	55	00-3326	Spring Pin	1
6	I50R-707	Shaft	1	56	I70S-303	Rotor	1
7	00-2357	Ball Bearing	1	57	I70S-304	Rotor Blade	9
8	I90-410	Greasing Screw	1	58	I50S-305	Rear Plate	1
9	00-4153	O-Ring	1	59	00-2356	Ball Bearing	1
10	I50R-701	Angle Housing	1	60	I40S-310	Air inlet Plate	1
11	00-0605	Set Screw	1	61	305F-034	Spring	1
12	I50R-704	Main Shaft Gear	1	62	IS40S-502	F/R Valve	1
13	I50R-712	Washer	1	63	00-41146	O-Ring	1
14	00-2352	Ball Bearing	2	64	00-4121	O-Ring	1
15	I50R-709	Lock Nut	1	65	IS40S-312	Valve Washer	1
16	I50R-702	Lock Nut	1	66	00-3824	Steel Ball	1
17	I50R-708	Anvil Collar	1	67	IS40S-313	Spring	1
18	00-3430	Pin	1	68	IS40S-311	Valve	1
19	I70R-201	Pulse Unit Housing	1	69	00-41125	O-Ring	1
20	I40S-202	Bushing	1	70	I40S-309	Seat	1
21	I40S-424	Washer	1	71	I70S-101	Motor Housing	1
22	I70-401	Pulse Cylinder Seat	1	72	00-0507	Screw	1
23D	00-41160	O-Ring	2	73	I40S-503	Regulator Knob	1
24	I70-410	Greasing Screw	1	74	I40S-102	Hanger	1
25	00-41113	O-Ring	3	75	I40S-509	Bushing	1
26	00-3318	Spring Pin	2	76	IS40S-510	Pin	1
27	I70-403	Front Cover	1	77	I40S-504	Trigger	1
28	I70-408	Front Plate	1	78	I40S-108	Bushing	2
29	I70-409	Back Up Ring	1	79	00-3306	Spring Pin	1
30	00-2602	X-Ring	1	80	I40S-103	Housing Rubber	1
31	I70R-405	Anvil	1	81	I40S-508	Bushing	1
32B	I70-452	Roller	2	82	305C-021	Valve Stem	1
33B	I70-406-B	Drive Blade	2	83	I40S-507	Spring	1
34	I70-407	Spring	2	84	I40S-601	Muffler	1
35B	IS40-450	Block Valve	1	85	I40S-603	Exhaust Deflector	1
36EC	I80-411	Screw	1	86	I40S-604A	Air Inlet 1/4"PF-19	1
37EA	IS70-412-C	Valve	1	86	I40S-604B	Air Inlet 1/4"PT-19	1
38C	00-41173	O-Ring	2	86	I40S-604C	Air Inlet 1/4"NPT-18	1
39	00-3813	Steel Ball	2	87	00-3509	Snap Ring	1
40EA	IS70R-425-C	Spring	1	88C	I70S-453	Spring	1
41	00-3435	Pin	2	89C	I40S-454	Block Cap	1
42	00-3436	Pin	1	90	00-41130	O-Ring	1
43C	I70-404-B	Pulse Cylinder	1	91D	00-41127	O-Ring	1
44	00-3407	Pin	2	92EC	I80-422	Back Up Ring	1
45EA	IS70-415-C	Rear Plate	1	※	6-1041485	Repair kit :Index No-5EB;12;28;32B(2);33B(2);45EA;57(9);67;81;82;83	
46	I40S-423	Washer	1	※	6-1041486	Service kit :Index No-23D(2);24;25(2);29;30;34(2);38C(2)	
47C	IS40S-421	Pressure Valve	2	※	6-1023496	Impulse Oil	
48D	IS130-314	Shut Off Stem	1				
49EA	IS150-317	Spring	1				
50	I70-402	Lock Nut	1				
※	IS70R-400ASM	Pulse unit : Index No-22,23D,24,25,26,27,28,29,30,31,32B,33B,34,35B,36EC,37EA,38C,39,40EA,41,42,43C,44,45EA,47C, 50,88C, 89C,90,92EC					

DPTS-70RAHD Auto-Shut Off Impulse Screwdriver (1/4"SQ)

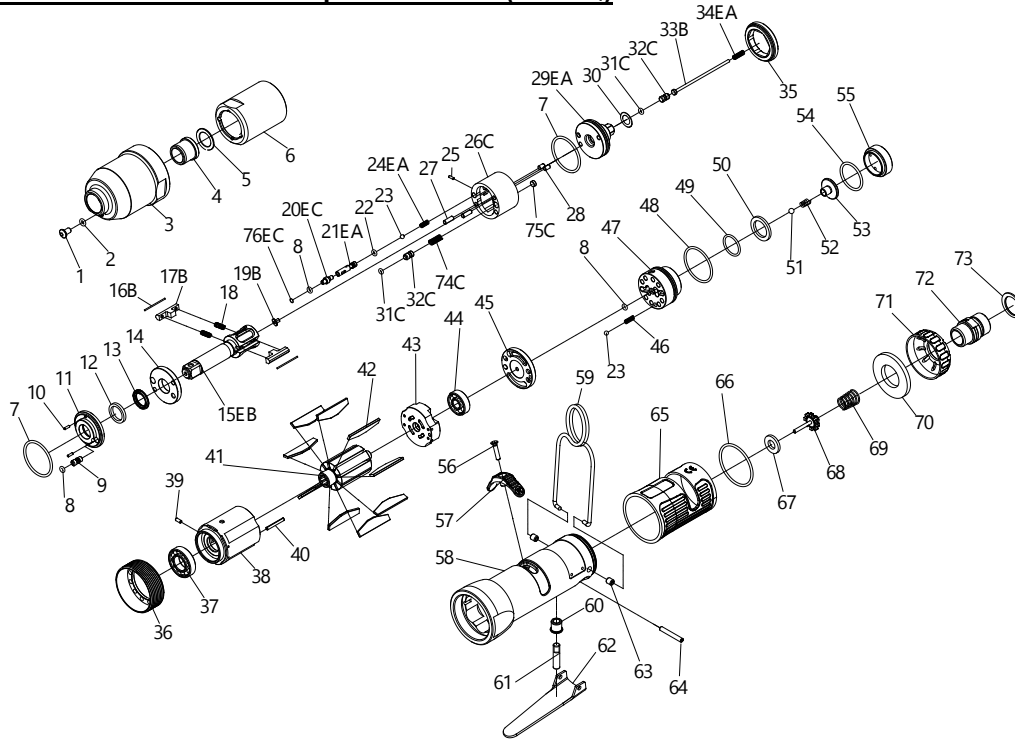
Edition:05C-DO

Index No.	Part No.	Description	Q'ty	Index No.	Part No.	Description	Q'ty
1	747-002	Spring Holder	1	52	I70S-306	Lock Nut	1
2	I50R-706	Lock Nut	1	53	00-2348	Ball Bearing	1
3	00-41134	O-Ring	1	54	00-3324	Spring Pin	1
4	00-2358	Ball Bearing	1	55	I70S-302	Cylinder	1
5	I50R-711	Washer	1	56	00-3326	Spring Pin	1
6	00-3813	Steel Ball	3	57	I70S-303	Rotor	1
7	I50RD-705	Shaft Gear	1	58	I70S-304	Rotor Blade	9
8	I50R-707	Shaft	1	59C	I50S-305	Rear Plate	1
9	00-2357	Ball Bearing	1	60	00-2356	Ball Bearing	1
10	I90-410	Greasing Screw	1	61	I40S-310	Air inlet Plate	1
11	00-4153	O-Ring	1	62	305F-034	Spring	1
12	I50R-701	Angle Housing	1	63	IS40S-502	F/R Valve	1
13	00-0605	Set Screw	1	64	00-41146	O-Ring	1
14	I50R-704	Main Shaft Gear	1	65	00-4121	O-Ring	1
15	I50R-712	Washer	1	66	IS40S-312	Valve Washer	1
16	00-2352	Ball Bearing	2	67	00-3824	Steel Ball	1
17	I50R-709	Lock Nut	1	68	IS40S-313	Spring	1
18	I50R-702	Lock Nut	1	69	IS40S-311	Valve	1
19	I50R-708	Anvil Collar	1	70	00-41125	O-Ring	1
20	00-3430	Pin	1	71	I40S-309	Seat	1
21	I70R-201	Pulse Unit Housing	1	72	I70S-101	Motor Housing	1
22	I40S-202	Bushing	1	73	00-0507	Screw	1
23	I40S-424	Washer	1	74	I40S-503	Regulator Knob	1
24	I70-401	Pulse Cylinder Seat	1	75	I40S-102	Hanger	1
25D	00-41160	O-Ring	2	76	I40S-509	Bushing	1
26	I70-410	Greasing Screw	1	77	IS40S-510	Pin	1
27	00-41113	O-Ring	3	78	I40S-504	Trigger	1
28	00-3318	Spring Pin	2	79	I40S-108	Bushing	2
29	I70-403	Front Cover	1	80	00-3306	Spring Pin	1
30	I70-408	Front Plate	1	81	I40S-103	Housing Rubber	1
31	I70-409	Back Up Ring	1	82	I40S-508	Bushing	1
32	00-2602	X-Ring	1	83	305C-021	Valve Stem	1
33	I70R-405	Anvil	1	84	I40S-507	Spring	1
34B	I70-452	Roller	2	85	I40S-601	Muffler	1
35B	I70-406-B	Drive Blade	2	86	I40S-603	Exhaust Deflector	1
36	I70-407	Spring	2		I40S-604A	Air Inlet 1/4"PF-19	
37B	IS40-450	Block Valve	1	87	I40S-604B	Air Inlet 1/4"PT-19	1
38EB	I80-411	Screw	1		I40S-604C	Air Inlet 1/4"NPT-18	
39EA	IS70-412-C	Valve	1	88	00-3509	Snap Ring	1
40C	00-41173	O-Ring	2	89C	I70S-453	Spring	1
41EA	IS70RD-425-C	Spring	1	90C	I40S-454	Block Cap	1
42	00-3435	Pin	2	91	00-41130	O-Ring	1
43	00-3436	Pin	1	92D	00-41127	O-Ring	1
44C	I70-404-B	Pulse Cylinder	1	93EB	I80-422	Back Up Ring	1
45	00-3407	Pin	2	※	6-1041583	Repair kit :Index No-	
46EA	IS70-415-C	Rear Plate	1			7; 14; 34B(2); 35B(2); 46EA; 58(9);	
47	I40S-423	Washer	1			68; 82; 83; 84	
48C	IS40S-421	Pressure Valve	2	※	6-1041584	Service kit :Index No-	
49D	IS130-314	Shut Off Stem	1			25D(2); 26; 27(2); 31; 32; 36(2);	
50EA	IS150-317	Spring	1			40C(2)	
51	I70-402	Lock Nut	1	※	6-1023496	Impulse Oil	
※	IS70RD-400ASM	Pulse unit : Index No- 6,24,25D,26,27,28,29,30,31,32,33,34B,35B,36,37B,38EB,39EA,40C,41EA,42,43,44C,45,46EA,48C,51,89C, 90C,91,93EB					

DPTS-70 RALS Auto-Shut Off Impulse Wrench (3/8" SQ)

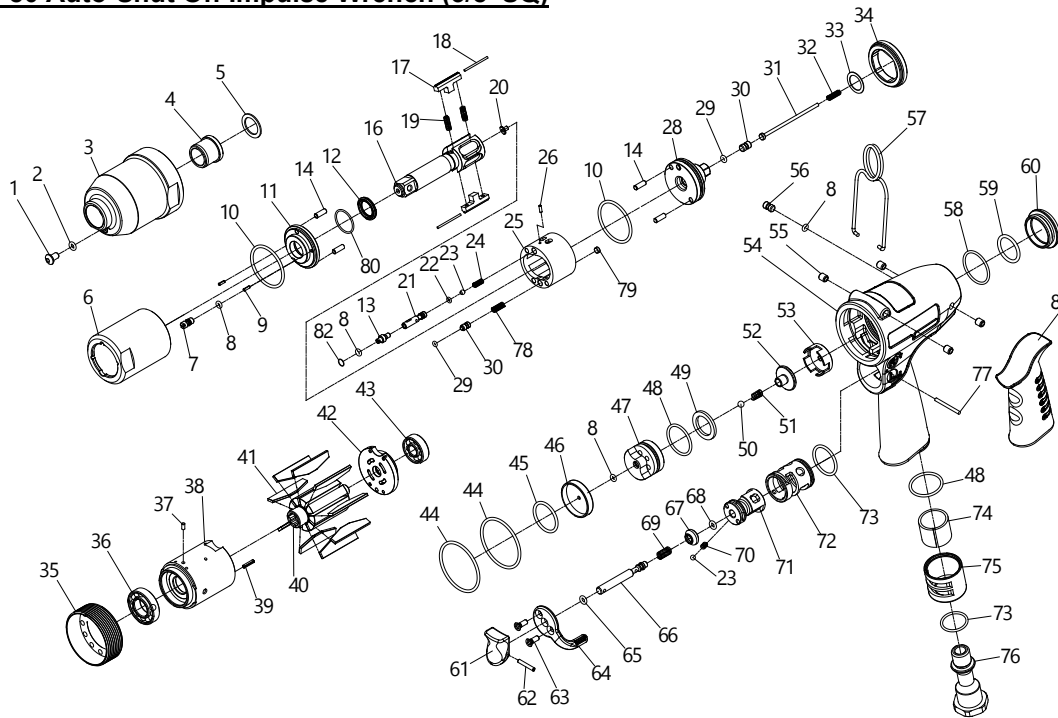
Edition:05E-DO

Index No.	Part No.	Description	Q'ty	Index No.	Part No.	Description	Q'ty
1	I70RH-706	Lock Nut	1	52	I70S-306	Lock Nut	1
2	00-41192	O-Ring	1	53	00-2348	Ball Bearing	1
3	00-2353	Ball Bearing	1	54	00-3324	Spring Pin	1
4	I70RH-711	Washer	1	55	I70S-302	Cylinder	1
5EB	I70RG-705-B	Shaft Gear	1	56	00-3326	Spring Pin	1
6ED	I70RH-707-B	Shaft	1	57	I70S-303	Rotor	1
7	00-2357	Ball Bearing	1	58	I70S-304	Rotor Blade	9
8	I90-410	Greasing Screw	1	59	I70RG-305	Rear Plate	1
9	00-4153	O-Ring	1	60	00-2356	Ball Bearing	1
10	I70RH-701	Angle Housing	1	61	I40S-310	Air Inlet Plate	1
11	00-0605	Set Screw	1	62	305F-034	Spring	1
12	I70RH-704	Main Shaft Gear	1	63	IS40S-502	F/R Valve	1
13	I70RH-712	Washer	1	64	00-41146	O-Ring	1
14	00-2376	Ball Bearing	2	65	00-4121	O-Ring	1
15	I70RH-709	Lock Nut	1	66	IS40S-312	Valve Washer	1
16	I70RH-702	Lock Nut	1	67	00-3824	Steel Ball	1
17	I70RH-708	Anvil Collar	1	68	IS40S-313	Spring	1
18	00-3448	Pin	1	69	IS40S-311	Valve	1
19	I70RH-201	Pulse Unit Housing	1	70	00-41125	O-Ring	1
20	I40S-202	Bushing	1	71	I40S-309	Seat	1
21	I40S-424	Washer	1	72	00-0507	Screw	1
22	I70-401	Pulse Cylinder Seat	1	73	I40S-503	Regulator Knob	1
23	00-41160	O-Ring	2	74	I70S-101	Motor Housing	1
24	00-41113	O-Ring	3	75	I40S-102	Hanger	1
25	I70-410	Greasing Screw	1	76	I40S-509	Bushing	1
26	00-3318	Spring Pin	2	77	IS40S-510	Pin	1
27	I70-403	Front Cover	1	78	I40S-504	Trigger	1
28	I70-409	Back Up Ring	1	79	I40S-108	Bushing	2
29	00-2602	X-Ring	1	80	00-3306	Spring Pin	1
30	I70-408	Front Plate	1	81	I40S-103	Housing Rubber	1
31	I70RH-405	Anvil	1	82	00-41127	O-Ring	1
32	I70-452	Roller	2	83	I40S-508	Bushing	1
33	I70-406-B	Drive Blade	2	84	305C-021	Valve Stem	1
34	I70-407	Spring	2	85	I40S-507	Spring	1
35	IS40-450	Block Valve	1	86	I40S-601	Muffler	1
36EC	I80-411	Valve Screw	1	87	I40S-603	Exhaust Deflector	1
37	IS70RG-412	Valve	1	88	I40S-604A	Air Inlet 1/4"PF	1
38	00-3813	Steel Ball	2	89	I40S-604B	Air Inlet 1/4"PT	1
39	IS70RG-425	Spring	1	90	I40S-604C	Air Inlet 1/4"NPT	1
40	00-3436	Pin	1	91	00-3509	Snap Ring	1
41	I70-404-B	Pulse Cylinder	1	92EC	I70S-453	Spring	1
42	00-41130	O-Ring	1	93ED	I40S-454	Block Cap	1
43	00-3435	Pin	2	94	I80-422	Back Up Ring	1
44	00-3407	Pin	2	95	I70RH-713	Bushing	1
45	IS70-415-C	Rear Plate	1	96	6-1041247	Repair kit :Index No-5EB; 12; 30; 32(2); 33(2); 45; 58(9); 68; 83; 84; 85	
46	I40S-423	Washer	1	97	6-1041248	Service kit :Index No-23(2); 24(2); 25; 28; 29; 34(2); 47(2)	
47	00-41173	O-Ring	2	98	6-1023496	Impulse Oil	
48	IS40S-421	Pressure Valve	2				
49	IS130-314	Shut Off Stem	1				
50	IS150-317	Spring	1				
51	I70-402	Lock Nut	1				
※	IS70RG-400ASM	Pulse unit : Index No-22,23,24,25,26,27,28,29,30,31,32,33,34,35,36EC,37,38,39,40,41C,42,43,44,45,47,48,51,90,91,92EC					

DPTS-70S Auto-Shut Off Impulse Wrench (3/8"SQ)

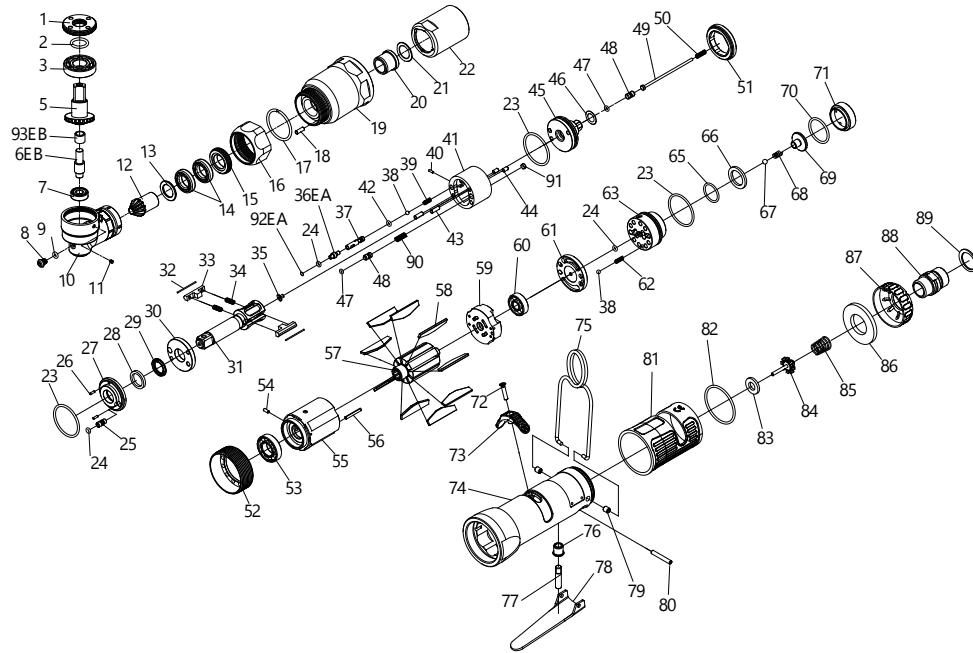
Edition:05D-DO

Index No.	Part No.	Description	Q'ty	Index No.	Part No.	Description	Q'ty
1	I90-410	Greasing Screw	1	43	I50S-305	Rear Plate	1
2	00-4153	O-Ring	1	44	00-2356	Ball Bearing	1
3	I70S-201	Pulse Unit Housing	1	45	I40S-310	Air Inlet Plate	1
4	I40S-202	Bushing	1	46	305F-034	Spring	1
5	I40S-424	Washer	1	47	IS40S-502	F/R Valve	1
6	I70-401	Pulse Cylinder Seat	1	48	00-41146	O-Ring	1
7	00-41160	O-Ring	2	49	00-4121	O-Ring	1
8	00-41113	O-Ring	3	50	IS40S-312	Valve Washer	1
9	I70-410	Greasing Screw	1	51	00-3824	Steel Ball	1
10	00-3318	Spring Pin	2	52	IS40S-313	Spring	1
11	I70-403	Front Cover	1	53	IS40S-311	Valve	1
12	I70-409	Back Up Ring	1	54	00-41125	O-Ring	1
13	00-2602	X-Ring	1	55	I40S-309	Seat	1
14	I70-408	Front Plate	1	56	00-0507	Screw	1
15EB	I70-405-B	Anvil	1	57	I40S-503	Regulator Knob	1
16B	I70-452	Roller	2	58	I70S-101	Motor Housing	1
17B	I70-406-B	Drive Blade	2	59	I40S-102	Hanger	1
18	I70-407	Spring	2	60	I40S-509	Bushing	1
19B	IS40-450	Block Valve	1	61	IS40S-510	Pin	1
20EC	I80-411	Valve Screw	1	62	I40S-504	Trigger	1
21EA	IS70-412-C	Valve	1	63	I40S-108	Bushing	2
22	00-41130	O-Ring	1	64	00-3306	Spring Pin	1
23	00-3813	Steel Ball	2	65	I40S-103	Housing Rubber	1
24EA	IS70S-425-C	Spring	1	66	00-41127	O-Ring	1
25	00-3436	Pin	1	67	I40S-508	Bushing	1
26C	I70-404-B	Pulse Cylinder	1	68	305C-021	Valve Stem	1
27	00-3435	Pin	2	69	I40S-507	Spring	1
28	00-3407	Pin	2	70	I40S-601	Muffler	1
29EA	IS70-415-C	Rear Plate	1	71	I40S-603	Exhaust Deflector	1
30	I40S-423	Washer	1		I40S-604A	Air Inlet 1/4"PF	
31C	00-41173	O-Ring	2	72	I40S-604B	Air Inlet 1/4"PT	1
32C	IS40S-421	Pressure Valve	2		I40S-604C	Air Inlet 1/4"NPT	
33B	IS130-314	Shut Off Stem	1	73	00-3509	Snap Ring	1
34EA	IS150-317	Spring	1	74C	I70S-453	Spring	1
35	I70-402	Lock Nut	1	75C	I40S-454	Block Cap	1
36	I70S-306	Lock Nut	1	76EC	I80-422	Back Up Ring	1
37	00-2348	Ball Bearing	1	※	6-1041752	Repair kit :Index No-14; 16B(2); 17B(2); 29EA; 42(9); 52; 67; 68; 69	
38	I70S-302	Cylinder	1	※	6-1041753	Service kit :Index No-7(2); 8(2); 9; 12; 13; 18(2); 31C(2)	
39	00-3324	Spring Pin	1	※	6-1023496	Impulse Oil	
40	00-3326	Spring Pin	1				
41	I70S-303	Rotor	1				
42	I70S-304	Rotor Blade	9	※			
※	IS70S-400ASM	Pulse unit : Index No-6,7,8,9,10,11,12,13,14,15EB,16B,17B,18,19B,20EC,21EA,22,23,24EA,25,26C,27,28,29EA,31C,32C,35, 74C, 75C,76EC					

DPTS-80 Auto-Shut Off Impulse Wrench (3/8"SQ)

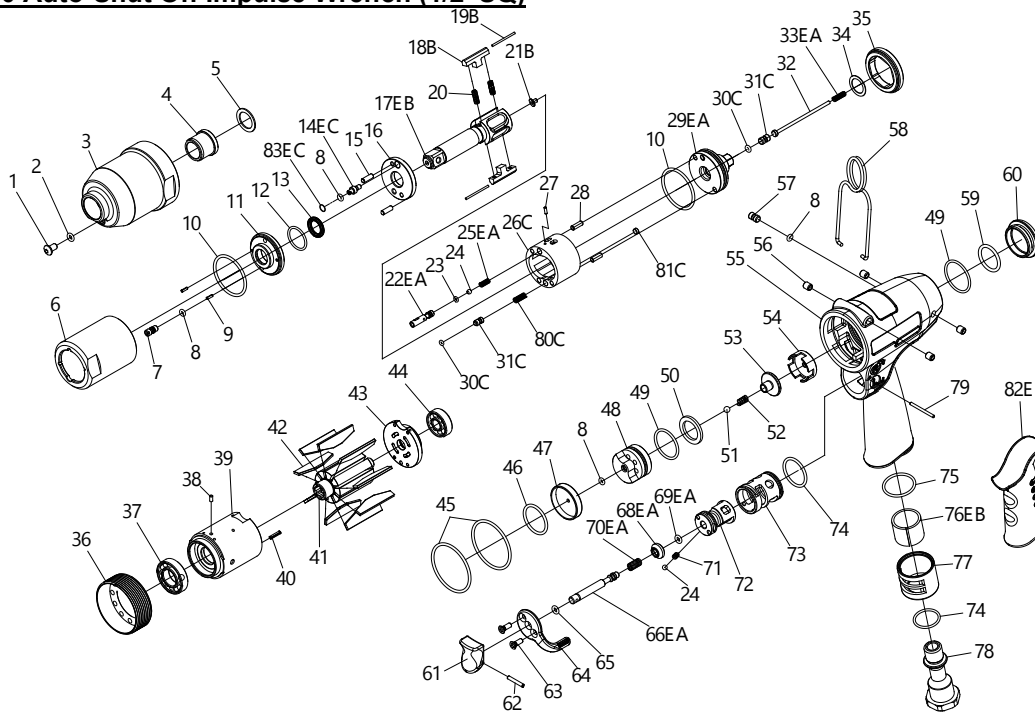
Edition:05A-DO

Index No.	Part No.	Description	Q'ty	Index No.	Part No.	Description	Q'ty
1	I100-410	Greasing Screw	1	47	IS40-524	Valve Seat	1
2	00-4153	O-Ring	1	48	00-41145	O-Ring	2
3	I80-201	Pulse Unit Housing	1	49	IS40S-312	Washer	1
4	I40S-202	Bushing	1	50	00-3824	Steel Ball	1
5	I40S-424	Washer	1	51	IS40S-313	Spring	1
6	I80-401	Pulse Cylinder Seat	1	52	IS40S-311	Valve	1
7	I70-410	Greasing Screw	1	53	IS40-518	Seat	1
8	00-41113	O-Ring	4	54	IS80-101	Motor Housing	1
9	00-3325	Spring Pin	2	55	I40S-108	Bushing	4
10	00-41212	O-Ring	2	56	IS100-609	Screw	1
11	I80-408	Front Plate	1	57	I40S-102	Hanger	1
12	00-2602	X-Ring	1	58	00-41146	O-Ring	1
13	I80-411	Valve Screw	1	59	00-4169	O-Ring	1
14	00-3407	Pin	4	60	I40-104	Nut	1
16	I80-405	Anvil	1	61	I40-504	Trigger	1
17	I80-406	Drive Blade	2	62	00-3354	Spring Pin	1
18	I90-452	Roller	2	63	00-0505	Screw	2
19	I80-407	Spring	2	64	I100-503	Regulator Knob	1
20	IS40-450	Block Valve	1	65	00-4101	O-Ring	1
21	IS80-412	Valve	1	66	IS40-505B	Valve Stem	1
22	00-41162	O-Ring	1	67	I100-508B	Bushing	1
23	00-3813	Steel Ball	2	68	00-41199	O-Ring	1
24	IS80-425	Spring	1	69	I40-507B	Spring	1
25	I80-404	Pulse Cylinder	1	70	I100-506	Spring	1
26	00-3436	Pin	1	71	IS40-502	F/R Valve	1
28	IS80-415	Rear Plate	1	72	I40-501	Valve Sleeve	1
29	00-41173	O-Ring	2	73	00-41111	O-Ring	2
30	IS40S-421	Pressure Valve	2	74	I40-601	Muffler	1
31	IS80-314	Shut Off Stem	1	75	I40-603	Exhaust Deflector	1
32	IS150-317	Spring	1		I40-604A	Air Inlet 1/4"-19PF	
33	I40S-423	Washer	1	76	I40-604B	Air Inlet 1/4"-19PT	1
34	I80-402	Lock Nut	1		I40-604C	Air Inlet 1/4"-18NPT	
35	I80-306	Lock Nut	1	77	I100-511	Pin	1
36	00-2348	Ball Bearing	1	78	I90-453	Spring	1
37	00-3324	Spring Pin	1	79	I40S-454	Block Cap	1
38	I80-302	Cylinder	1	80	I70-409	Back Up Ring	1
39	00-3356	Spring Pin	1	81	I60-103	Housing Rubber	1
40	I80S-303	Rotor	1	82	I80-422	Back Up Ring	1
41	I80S-304	Rotor Blade	9	※	6-1041249	Service kit :Index No-	
42	I80-305	Rear Plate	1			7;8(2);10(2);12;19(2);29(2);80;82	
43	00-2332	Ball Bearing	1	※	6-1041250	Repair kit :Index No-	
44	00-41213	O-Ring	2			11;17(2);18(2);28; 41(9); 51;67	
45	00-41214	O-Ring	1			68; 69	
46	IS80-307	Rear Cover	1	※	6-1023496	Impulse Oil	
※	IS80-400ASM	Pulse unit : Index No- 6,7,8,9,10,11,12,13,14 ,16,17,18,19,20,21, 22, 23, 24,25,26,28,29,30,34,78,79,80,82					

DPTS-80-RA Auto-Shut Off Impulse Wrench (1/2"SQ)

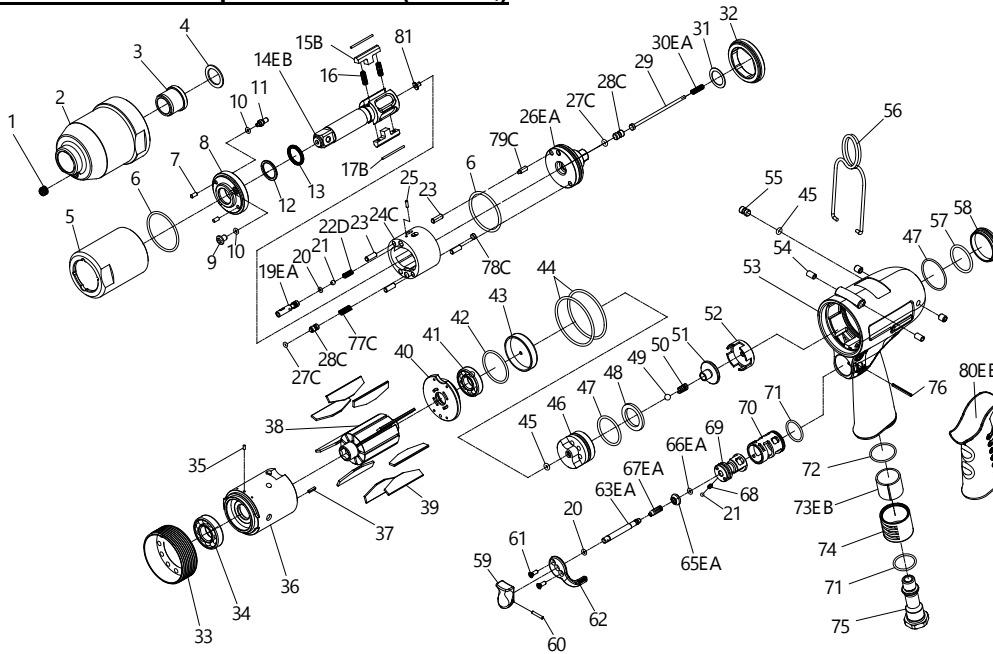
Edition:05C-DO

Index No.	Part No.	Description	Q'ty	Index No.	Part No.	Description	Q'ty
1	I70RH-706	Lock Nut	1	51	I70-402	Lock Nut	1
2	00-41192	O-Ring	1	52	I70S-306	Lock Nut	1
3	00-2353	Ball Bearing	1	53	00-2348	Ball Bearing	1
5	I80RH-705	Shaft Gear	1	54	00-3324	Spring Pin	1
6EB	I70RH-707-B	Shaft	1	55	I80S-302	Cylinder	1
7	00-2357	Ball Bearing	1	56	00-3326	Spring Pin	1
8	I90-410	Greasing Screw	1	57	I80S-303	Rotor	1
9	00-4153	O-Ring	1	58	I80S-304	Rotor Blade	9
10	I70RH-701	Angle Housing	1	59	I80S-305	Rear Plate	1
11	00-0605	Set Screw	1	60	00-2332	Ball Bearing	1
12	I70RH-704	Main Shaft Gear	1	61	I80S-310	Air Inlet Plate	1
13	I70RH-712	Washer	1	62	305F-034	Spring	1
14	00-2376	Ball Bearing	2	63	IS80S-502	F/R Valve	1
15	I70RH-709	Lock Nut	1	65	00-4121	O-Ring	1
16	I70RH-702	Lock Nut	1	66	IS40S-312	Valve Washer	1
17	I70RH-708	Anvil Collar	1	67	00-3824	Steel Ball	1
18	00-3448	Pin	1	68	IS40S-313	Spring	1
19	I70RH-201	Pulse Unit Housing	1	69	IS40S-311	Valve	1
20	I40S-202	Bushing	1	70	00-41125	O-Ring	1
21	I40S-424	Washer	1	71	I40S-309	Seat	1
22	I70-401	Pulse Cylinder Seat	1	72	00-0507	Screw	1
23	00-41160	O-Ring	3	73	I40S-503	Regulator Knob	1
24	00-41113	O-Ring	3	74	I80S-101	Motor Housing	1
25	I70-410	Greasing Screw	1	75	I40S-102	Hanger	1
26	00-3318	Spring Pin	2	76	I80S-509	Bushing	1
27	I70-403	Front Cover	1	77	IS80S-510	Pin	1
28	I70-409	Back Up Ring	1	78	I40S-504	Trigger	1
29	00-2602	X-Ring	1	79	I40S-108	Bushing	2
30	I70-408	Front Plate	1	80	00-3306	Spring Pin	1
31	I70RH-405	Anvil	1	81	I80S-103	Housing Rubber	1
32	I70-452	Roller	2	82	00-41127	O-Ring	1
33	I70-406-B	Drive Blade	2	83	I40S-508	Bushing	1
34	I70-407	Spring	2	84	305C-021	Valve Stem	1
35	IS40-450	Block Valve	1	85	I40S-507	Spring	1
36EA	I80-411	Valve Screw	1	86	I40S-601	Muffler	1
37	IS70-412-C	Valve	1	87	I40S-603	Exhaust Deflector	1
38	00-3813	Steel Ball	2		I40S-604A	Air Inlet 1/4"PF	
39	IS80RH-425	Spring	1	88	I40S-604B	Air Inlet 1/4"PT	1
40	00-3436	Pin	1		I40S-604C	Air Inlet 1/4"NPT	
41	I70-404-B	Pulse Cylinder	1	89	00-3509	Snap Ring	1
42	00-41130	O-Ring	1	90	I70S-453	Spring	1
43	00-3435	Pin	2	91	I40S-454	Block Cap	1
44	00-3407	Pin	2	92EA	I80-422	Back Up Ring	1
45	IS70-415-C	Rear Plate	1	93EB	I70RH-713	Bushing	1
46	I40S-423	Washer	1	※	6-1041521	Service kit :Index No- 23(2); 24(2); 25; 28; 29; 34(2); 47(2)	
47	00-41173	O-Ring	2	※	6-1041252	Repair kit :Index No- 5; 12; 30; 32(2); 33(2); 45; 58(9); 68; 83; 84; 85	
48	IS40S-421	Pressure Valve	2				
49	IS80RH-314	Shut Off Stem	1				
50	IS150-317	Spring	1	※	6-1023496	Impulse Oil	
※	IS80RH-400ASM	Pulse unit : Index No- 22,23,24,25,26,27,28,29,30,31,32,33,34,35,36EA,37,38,39,40,41,42,43,44,45,47,48,51,90,91,92EA					

DPTS-90 Auto-Shut Off Impulse Wrench (1/2"SQ)

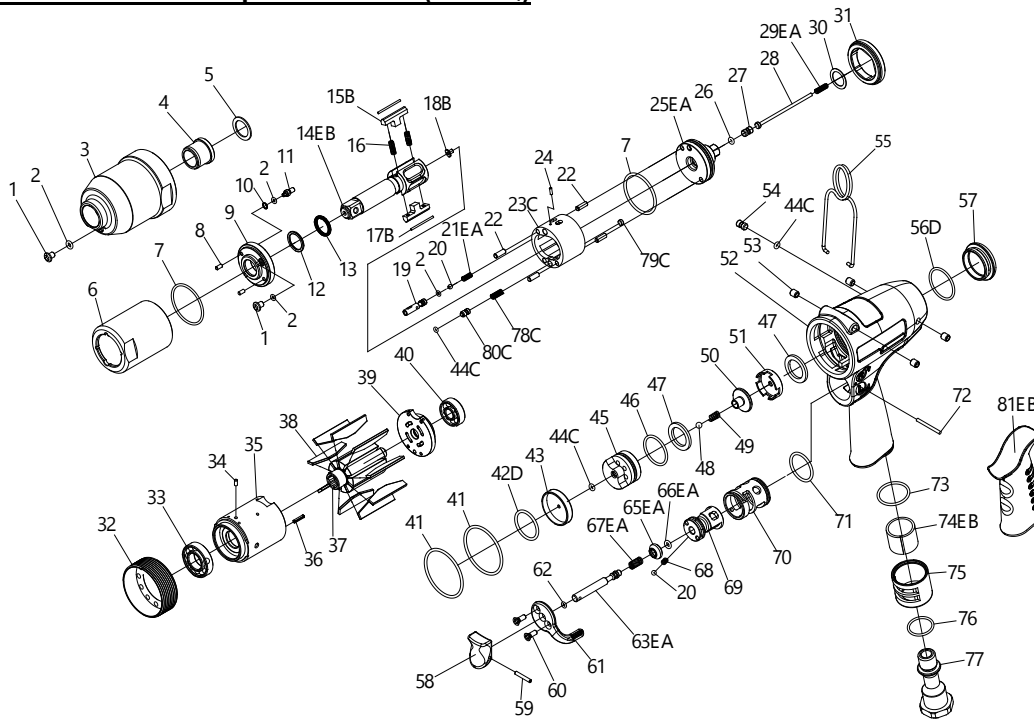
Edition:05D-DO

Index No.	Part No.	Description	Q'ty	Index No.	Part No.	Description	Q'ty
1	I90-410	Greasing Screw	1	47	IS100-307	Rear Cover	1
2	00-4153	O-Ring	1	48	IS100-524	Valve Seat	1
3	I90-201	Pulse Unit Housing	1	49	00-41127	O-Ring	2
4	I100-202	Bushing	1	50	IS100-312	Washer	1
5	I100-424	Washer	1	51	00-3824	Steel Ball	1
6	I90-401	Pulse Cylinder Seat	1	52	IS100-313	Spring	1
7	I70-410	Greasing Screw	1	53	IS100-311	Valve	1
8	00-41113	O-Ring	4	54	IS100-518	Seat	1
9	00-3407	Pin	2	55	IS90-101	Motor Housing	1
10	00-41163	O-Ring	2	56	I40S-108	Bushing	4
11	I90-403	Front Cover	1	57	IS100-609	Screw	1
12	I100-409	Back Up Ring	1	58	I40S-102	Hanger	1
13	00-2601	X-Ring	1	59	00-41166	O-Ring	1
14EC	I80-411	Valve Screw	1	60	I100-104	Nut	1
15	00-3435	Pin	2	61	I130-504	Trigger	1
16	I90-408	Front Plate	1	62	00-3354	Spring Pin	1
17EB	I90-405-B	Anvil	1	63	00-0505	Screw	2
18B	I90-406-B	Drive Blade	2	64	I100-503	Regulator Knob	1
19B	I90-452	Roller	2	65	00-4101	O-Ring	1
20	I90-407	Spring	2	66EA	IS100-505B	Valve Stem	1
21B	IS40-450	Block Valve	1	68EA	I100-508B	Bushing	1
22EA	IS90-412-C	Valve	1	69EA	00-41199	O-Ring	1
23	00-41162	O-Ring	1	70EA	I100-507B	Spring	1
24	00-3813	Steel Ball	2	71	I100-506	Spring	1
25EA	IS90-425-C	Spring	1	72	IS100-502	F/R Valve	1
26C	I90-404-B	Pulse Cylinder	1	73	I100-501	Valve Sleeve	1
27	00-3433	Pin	1	74	00-41111	O-Ring	2
28	00-3419	Pin	2	75	00-4158	O-Ring	1
29EA	IS90-415-C	Rear Plate	1	76EB	I70-601	Muffler	1
30C	00-41173	O-Ring	2	77	I100-603	Exhaust Deflector	1
31C	IS40S-421	Pressure Valve	2		I100-604A	Air Inlet 1/4"PF 19	
32	IS90-314	Shut Off Stem	1	78	I100-604B	Air Inlet 1/4"PT 19	1
33EA	IS150-317	Spring	1		I100-604C	Air Inlet 1/4"NPT 18	
34	I100-423	Washer	1	79	I100-511	Pin	1
35	I90-402	Lock Nut	1	80C	I90-453	Spring	1
36	I90-306	Lock Nut	1	81C	I40S-454	Block Cap	1
37	00-2351	Ball Bearing	1	82EB	I90-103	Housing Rubber	1
38	00-3324	Spring Pin	1	83EC	I80-422	Back Up Ring	1
39	I90-302	Cylinder	1	※	6-1041834	Repair kit :Index No-16; 18B(2); 19B(2); 29EA; 41(9); 52; 68EA; 69EA; 70EA	
40	00-3339	Spring Pin	1		6-1041835	Service kit :Index No-7; 8(2); 10(2); 12; 13; 20(2); 30C(2)	
41	I90-303	Rotor	1		6-1023496	Impulse Oil	
42	I90-304	Rotor Blade	9				
43	I90-305	Rear Plate	1				
44	00-2358	Ball Bearing	1				
45	00-41181	O-Ring	2				
46	00-41138	O-Ring	1				
※	IS90-400ASM	Pulse unit : Index No-6,7,8,9,10,11,12,13,14EC,15,16,17EB,18B,19B,20,21B,22EA,23,24,25EA,26C,27,28, 29EA,30C,31C,35, 80C, 81C,83EC					

DPTS-100 Auto-Shut Off Impulse Wrench (1/2"SQ)

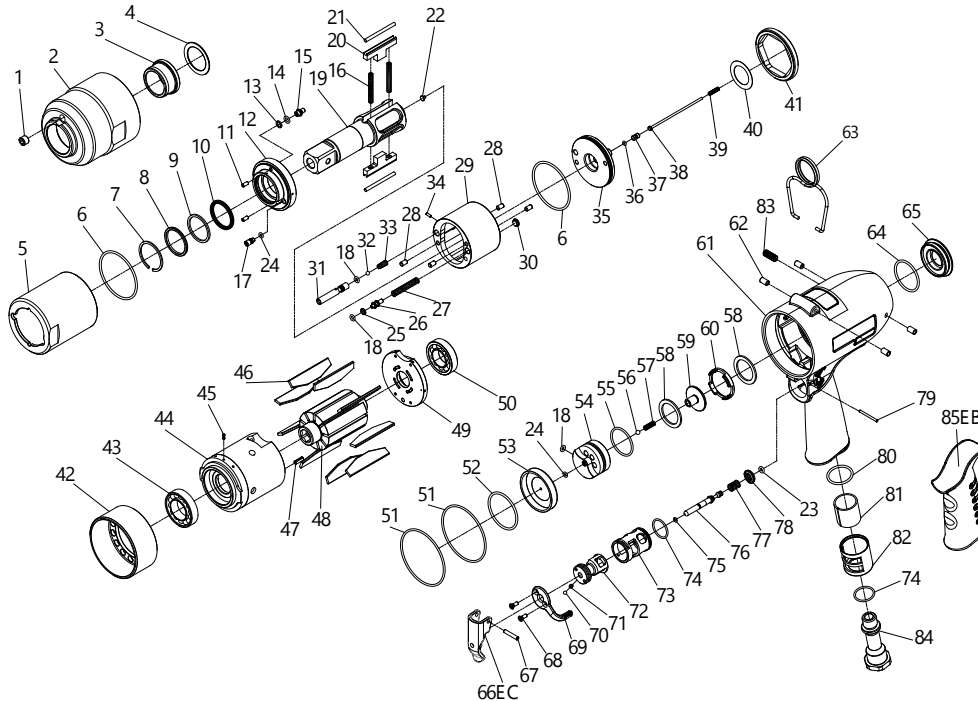
Edition:05C-DO

Index No.	Part No.	Description	Q'ty	Index No.	Part No.	Description	Q'ty
1	00-0612	Screw	1	46	IS100-524	Valve Seat	1
2	I100-201	Pulse Unit Housing	1	47	00-41127	O-Ring	2
3	I100-202	Bushing	1	48	IS100-312	Washer	1
4	I100-424	Washer	1	49	00-3824	Steel Ball	1
5	I100-401	Pulse Cylinder Seat	1	50	IS100-313	Spring	1
6	00-41106	O-Ring	2	51	IS100-311	Valve	1
7	00-3426	Spring Pin	2	52	IS100-518	Seat	1
8	I100-408	Front Plate	1	53	IS100-101	Motor Housing	1
9	I100-410	Greasing Screw	1	54	I40S-108	Bushing	4
10	00-4153	O-Ring	2	55	IS100-609	Screw	1
11	I100-411	Valve Screw	1	56	I40S-102	Hanger	1
12	I100-409	Back Up Ring	1	57	00-41166	O-Ring	1
13	00-2601	X-Ring	1	58	I100-104	Nut	1
14EB	I100-405-B	Anvil	1	59	I130-504	Trigger	1
15B	I100-406-B	Drive Blade	2	60	00-3354	Spring Pin	1
16	I100-407	Spring	2	61	00-0505	Screw	2
17B	I100-452	Roller	2	62	I100-503	Regulator Knob	1
19EA	IS100-412-B	Valve	1	63EA	IS100-505B	Valve Stem	1
20	00-4101	O-Ring	2	65EA	I100-508B	Bushing	1
21	00-3813	Steel Ball	2	66EA	00-41199	O-Ring	1
22D	IS100-425-B	Spring	1	67EA	I100-507B	Spring	1
23	00-3432	Pin	4	68	I100-506	Spring	1
24C	I100-404-B	Pulse Cylinder	1	69	IS100-502	F/R Valve	1
25	00-3441	Pin	1	70	I100-501	Valve Sleeve	1
26EA	IS100-415-B	Rear Plate	1	71	00-41111	O-Ring	2
27C	00-41173	O-Ring	2	72	00-4158	O-Ring	1
28C	IS40S-421	Pressure Valve	2	73EB	I70-601	Muffler	1
29	IS100-314	Shut Off Stem	1	74	I100-603	Exhaust Deflector	1
30EA	IS150-317	Spring	1		I100-604A	Air Inlet 1/4"-19PF	
31	I100-423	Washer	1	75	I100-604B	Air Inlet 1/4"-19PT	1
32	I100-402	Lock Nut	1		I100-604C	Air Inlet 1/4"-18NPT	
33	I100-306	Lock Nut	1	76	I100-511	Pin	1
34	00-2345	Ball Bearing	1	77C	I100-453	Spring	1
35	00-3324	Spring Pin	1	78C	I40S-454	Block Cap	1
36	I100-302	Cylinder	1	79C	IS100-456	Spring fixed Pin	1
37	00-3339	Spring Pin	1	80EB	I100-103	Housing Rubber	1
38	I100-303	Rotor	1	81	IS40-450	Block Valve	1
39	I100-304	Rotor Blade	9	※	6-1040776	Repair kit :Index No-8; 15B(2); 17B(2); 26EA;	
40	I100-305	Rear Plate	1			39(9); 50; 65EA; 66EA; 67EA	
41	00-2358	Ball Bearing	1	※	6-1040777	Service kit :Index No-6(2); 9; 10(2); 12; 13; 16(2);	
42	00-41138	O-Ring	1			27C(2)	
43	IS100-307	Rear Cover	1				
44	00-41116	O-Ring	2				
45	00-41113	O-Ring	2	※	6-1023496	Impulse Oil	
※	IS100-400ASM	Pulse unit : Index No-5,6,7,8,9,10,11,12,13,14EB,15B,16,17B, 19EA,20,21,22D,23,24C,25,26EA,27C,28C,32,77C,78C,79C,81					

DPTS-130 Auto-Shut Off Impulse Wrench (1/2" SQ)

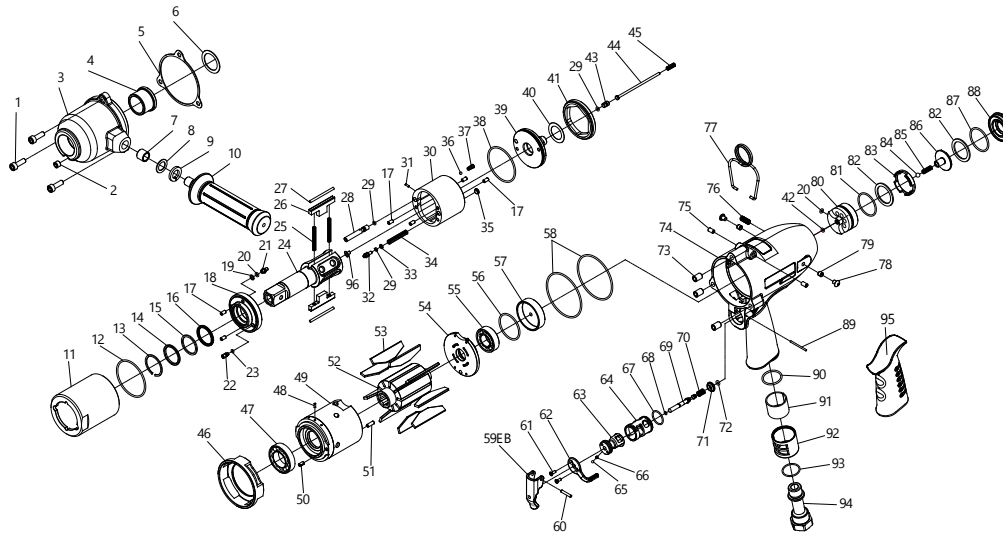
Edition:05C-DO

Index No.	Part No.	Description	Q'ty	Index No.	Part No.	Description	Q'ty
1	I90-410	Greasing Screw	2	45	IS130-524	Valve Seat	1
2	00-4153	O-Ring	4	46	00-41138	O-Ring	1
3	I130-201	Pulse Unit Housing	1	47	IS130-312	Washer	2
4	I100-202	Bushing	1	48	00-3824	Steel Ball	1
5	I100-424	Washer	1	49	IS130-313	Spring	1
6	I130-401	Pulse Cylinder Seat	1	50	IS130-311	Valve	1
7	00-41181	O-Ring	2	51	IS130-518	Seat	1
8	00-3426	Pin	2	52	IS130-101	Motor Housing	1
9	I130-408	Front Plate	1	53	I40S-108	Bushing	4
10	I130-431	Back-Up Ring	1	54	IS100-609	Screw	1
11	I130-411	Valve Screw	1	55	I40S-102	Hanger	1
12	I100-409	Back-Up Ring	1	56D	00-41194	O-Ring	1
13	00-2601	X-Ring	1	57	I130-104	Nut	1
14EB	I130-405-B	Anvil	1	58	I130-504	Trigger	1
15B	I130-406-B	Drive Blade	2	59	00-3354	Spring Pin	1
16	I130-407	Spring	2	60	00-0505	Screw	2
17B	I130-452	Roller	2	61	I100-503	Regulator Knob	1
18B	IS40-450	Block Valve	1	62	00-4101	O-Ring	1
19	IS130-412	Valve	1	63EA	IS130-505B	Valve Stem	1
20	00-3813	Steel Ball	2	65EA	I100-508B	Bushing	1
21EA	IS130-425-C	Spring	1	66EA	00-41199	O-Ring	1
22	00-3432	Pin	4	67EA	I100-507B	Spring	1
23C	I130-404-B	Pulse Cylinder	1	68	I100-506	Spring	1
24	00-3428	Pin	1	69	IS130-502	F/R Valve	1
25EA	IS130-415-C	Rear Plate	1	70	I130-501	Valve Sleeve	1
26	00-41173	O-Ring	1	71	00-41145	O-Ring	1
27	IS40S-421	Pressure Valve	1	72	I130-511	Pin	1
28	IS130-314	Shut Off Stem	1	73	00-4158	O-Ring	1
29EA	IS40S-317	Spring	1	74EB	I70-601	Muffler	1
30	I100-423	Washer	1	75	I100-603	Exhaust Deflector	1
31	I130-402	Lock Nut	1	76	00-41111	O-Ring	1
32	I130-306	Lock Nut	1	77	I100-604A	Air Inlet 1/4"-19PF	
33	00-2353	Ball Bearing	1		I100-604B	Air Inlet 1/4"-19PT	1
34	00-3324	Spring Pin	1		I100-604C	Air Inlet 1/4"-18NPT	
35	I130-302	Cylinder	1	78C	I130-453	Spring	1
36	00-3361	Spring Pin	1	79C	I130-454	Block Cap	1
37	I130-303	Rotor	1	80C	I130-455	Pressure Valve	1
38	I130-304	Rotor Blade	9	81EB	I130-103	Housing Rubber	1
39	I130-305	Rear Plate	1	※	6-1040857	Repair kit :Index No-9; 15B(2);17B(2);25EA; 38(9); 49; 65EA; 66EA; 67EA	
40	00-2345	Ball Bearing	1	※	6-1040858	Service kit :Index No-1;2(2);7(2); 10; 12; 13; 16(2);26;44C	
41	00-41182	O-Ring	2	※	6-1023496	Impulse Oil	
42D	00-4135	O-Ring	1				
43	IS130-307	Rear Cover	1				
44C	00-41113	O-Ring	3				
※	IS130-400ASM	Pulse unit : Index No-1,2,6,7,8,9,10,11,12,13,14EB,15B,16,17B,18B,19,20,21EA,22,23C,24,25EA,26,27,31,44C,78C,79C,80C					

DPTS-150 Auto-Shut Off Impulse Wrench (3/4"SQ)

Edition:05D-DO

Index No.	Part No.	Description	Q'ty	Index No.	Part No.	Description	Q'ty
1	00-0612	Plug	1	49	I150-305	Rear Plate	1
2	I150-201	Front Housing	1	50	00-2353	Ball Bearing (16003)	1
3	I150-202	Bushing	1	51	00-41200	O-Ring (Ø 57x Ø2)	2
4	I150-424	Washer	1	52	00-4171	O-Ring (Ø 36x Ø2)	1
5	I150-401	Pulse Cylinder Housing	1	53	IS150-307	Rear Cover	1
6	00-41198	O-Ring(Ø 47.5x Ø2)	2	54	IS130-524	Valve Seat	1
7	I150-458	Snap Ring	1	55	00-41138	O-Ring(Ø 28.3x Ø1.78)	1
8	I150-457	Washer	1	56	00-3824	Steel Ball(Ø 4)	1
9	I150-409	Back-Up Ring	1	57	IS130-313	Spring	1
10	00-2605	X-Ring	1	58	IS130-312	Washer	2
11	00-3426	Pin(Ø 3x 7L)	2	59	IS130-311	Valve	1
12	I150-408	Front Plate	1	60	IS130-518	Seat	1
13	I150-431	Back-Up Ring	1	61	IS150-101	Motor Housing	1
14	00-41156	O-Ring(Ø 3.5x Ø1.5)	1	62	00-3353	Spring Pin(Ø 5x 8L)	4
15	I150-411	Adjust Screw	1	63	I40S-102	Hanger	1
16	I150-407	Spring	2	64	00-41194	O-Ring(Ø 30x Ø2)	1
17	I150-410	Oil Plug	1	65	I130-104	Nut	1
18	00-41178	O-Ring(Ø 2.5x Ø1.5)	3	66EC	I150-504B	Trigger	1
19	I150-405	Main Shaft	1	67	00-3308	Spring Pin(Ø 3x 18L)	1
20	I150-406	Drive Blade	2	68	00-0505	Screw(M3x6L)	2
21	I150-452	Roller	2	69	I150-503	Regulator Knob	1
22	IS40-450	Block Valve	1	70	00-3813	Steel Ball(Ø 1/8")	1
23	00-41199	O-Ring(Ø 1.8x Ø1.9)	1	71	I100-506	Spring	1
24	00-41113	O-Ring(Ø 2x Ø1.5)	2	72	IS150-502	F/R Valve	1
25	I150-459	Back-Up Ring	1	73	I150-501	Valve Sleeve	1
26	I150-455	Valve	1	74	00-41145	O-Ring(Ø 18x Ø1.5)	2
27	I150-453	Spring	1	75	00-4101	O-Ring(Ø 3x Ø1)	1
28	00-3432	Pin(Ø 4x 7L)	4	76	IS150-505	Valve Stem	1
29	I150-404	Pulse Cylinder	1	77	I150-507	Spring	1
30	I150-454	Block Cap	1	78	I150-508	Bushing	1
31	IS150-412	Valve	1	79	00-3427	Pin(Ø2x 25L)	1
32	00-3829	Steel Ball(Ø 3.5)	1	80	00-41203	O-Ring(Ø 19x Ø2)	1
33	IS150-425	Spring	1	81	I150-601	Muffler	1
34	00-3428	Pin(Ø2x 6L)	1	82	I150-603	Exhaust Deflector	1
35	IS150-415	Rear Plate	1	83	IS100-609	Screw	1
36	00-41173	O-Ring(Ø 1.5x Ø1.5)	1		I150-604A	Air Inlet 1/4"-19PF	
37	IS40S-421	Pressure Valve	1	84	I150-604B	Air Inlet 1/4"-19PT	1
38	IS130-314	Shut Off Stem	1		I150-604C	Air Inlet 1/4"-18NPT	
39	IS150-317	Spring	1	85EB	I150-103	Housing Rubber	1
40	I150-423	Washer	1	×	I150-109FL	Tool Cover	1
41	I150-402	Lock Nut	1	×	6-1042770	Service kit :Index No- 6(2); 9; 10; 13; 14; 16(2); 17; 18(2); 25; 36	
42	I150-306	Lock Nut	1	×	6-1042771	Repair kit :Index No- 12; 20(2); 21(2); 23; 35; 46(9); 57; 77; 78	
43	00-2354	Ball Bearing (6904)	1	×	6-1023496	Impulse Oil	
44	I150-302	Cylinder	1				
45	00-3324	Spring Pin(Ø2x 5L)	1				
46EE	I130-304	Rotor Blade	9				
47	00-3361	Spring Pin(Ø3.5x 10L)	1	×			
48	I150-303	Rotor	1				
×	IS150-400ASM	Pulse unit : Index No- 5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,24,25,26,27,28,29,30,31,32,33,34,35,36,37,41					

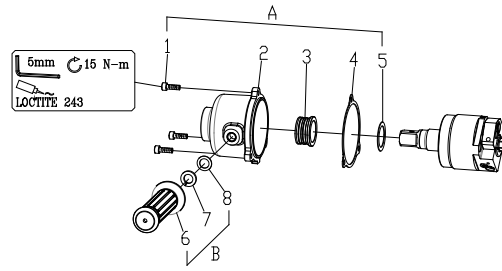
DPTS-180 Auto-Shut Off Impulse Wrench (3/4"SQ)

Edition:05C-DO

Index No.	Part No.	Description	Q'ty	Index No.	Part No.	Description	Q'ty
1	00-0140	Screw	3	53	I180-304	Rotor Blade	9
2	00-0612	Screw	1	54	I180-305	Rear Plate	1
3	I180-201	Pulse Unit Housing	1	55	00-2382	Ball Bearing(6003)	1
4	I180-202	Bushing	1	56	00-4171	O-Ring(Ø 36x Ø2)	1
5	I180-205	Washer	1	57	IS180-307	Rear Cover	1
6	I150-424	Washer	1	58	00-41209	O-Ring(Ø 64.5x Ø2)	2
7	00-4313	Helicoil	1	59EB	I150-504B	Trigger	1
8	00-1514	Washer	1	60	00-3308	Spring Pin(Ø 3x 18L)	1
9	00-1811	Spring Washer	1	61	00-0505	Screw(M3x6L)	2
10	I180-206	Side Handle	1	62	I150-503	Regulator Knob	1
11	I180-401	Pulse Cylinder Seat	1	63	IS150-502	F/R Valve	1
12	00-41207	O-Ring(Ø 52x Ø2)	1	64	I150-501	Valve Sleeve	1
13	I150-458	Snap Ring	1	65	00-3813	Steel Ball(Ø 1/8")	1
14	I150-457	Washer	1	66	I100-506	Spring	1
15	I150-409	Back-Up Ring	1	67	00-41145	O-Ring(Ø 18x Ø1.5)	1
16	00-2605	X-Ring	1	68	00-4101	O-Ring(Ø 3x Ø1)	1
17	00-3460	Pin(Ø4x 8L)	6	69	IS150-505	Valve Stem	1
18	I180-408	Front Plate	1	70	I150-507	Spring	1
19	I150-431	Back-Up Ring	1	71	I150-508	Bushing	1
20	00-41156	O-Ring(Ø 3.5x Ø1.5)	2	72	00-41199	O-Ring(Ø 1.8x Ø1.9)	1
21	I150-411	Valve Screw	1	73	00-4312	Helicoil	3
22	I150-410	Greasing Screw	1	74	IS180-101	Motor Housing	1
23	00-41113	O-Ring(Ø2x Ø1.5)	1	75	00-3353	Spring Pin(Ø 5x 8L)	2
24	I180-405	Anvil	1	76	IS100-609	Screw	1
25	I180-407	Spring	2	77	I40S-102	Hanger	1
26	I180-406	Drive Blade	2	78	00-1304	Screw	2
27	I180-452	Roller	2	79	00-4302	Helicoil	2
28	IS180-412	Valve	1	80	IS180-524	Valve Seat	1
29	00-41178	O-Ring(Ø 2.5x Ø1.5)	3	81	00-41206	O-Ring(Ø 31.47x Ø1.78)	1
30	I180-404	Pulse Cylinder	1	82	IS180-312	Washer	2
31	00-3428	Pin(Ø2x 6L)	1	83	IS180-518	Seat	1
32	I150-455	Valve	1	84	00-3812	Steel Ball(Ø 7/32")	1
33	I150-459	Back-Up Ring	1	85	IS180-313	Spring	1
34	I180-453	Spring	1	86	IS180-311	Valve	1
35	I150-454	Block Cap	1	87	00-4135	O-Ring(Ø 32x Ø2)	1
36	00-3829	Steel Ball(Ø 3.5)	1	88	I180-104	Nut	1
37	IS180-425	Spring	1	89	00-3461	Pin(Ø2x 30L)	1
38	00-41208	O-Ring(Ø 49.5x Ø2)	1	90	00-41166	O-Ring(Ø 24x Ø2)	1
39	IS180-415	Rear Plate	1	91	I180-601	Muffler	1
40	I150-423	Washer	1	92	I180-603	Exhaust Deflector	1
41	I180-402	Lock Nut	1	93	00-4158	O-Ring(Ø 22x Ø1.5)	1
42	00-4153	O-Ring(Ø 3x Ø1.5)	1		I180-604A	Air Inlet 3/8"-19PF	1
43	IS180-421	Pressure Valve	1	94	I180-604B	Air Inlet 3/8"-19PT	1
44	IS180-314	Shut Off Stem	1		I180-604C	Air Inlet 3/8"-18NPT	1
45	IS180-317	Spring	1	95	I180-103	Housing Rubber	1
46	I180-319	Lock Washer	1	96	IS180-450	Block Valve	1
47	00-2383	Ball Bearing(6905)	1	※	6-1041253	Service kit :Index No- 5; 12; 15; 16; 19; 20; 22; 25(2); 29(3); 33; 38	
48	00-3325	Spring Pin(Ø2x 6L)	1				
49	I180-302	Cylinder	1	※	6-1041254	Repair kit :Index No- 18;26(2);27(2);39;53(9);70;71;72;85	
50	00-3314	Spring Pin(Ø4x 8L)	1	※	6-1023496	Impulse Oil	
51	00-3312	Spring Pin(Ø4x 12L)	1				
52	I180-303	Rotor	1				
※	IS180-400ASM	Pulse unit : Index No- 11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,41,43,96					

DPTS-200 Exploded view

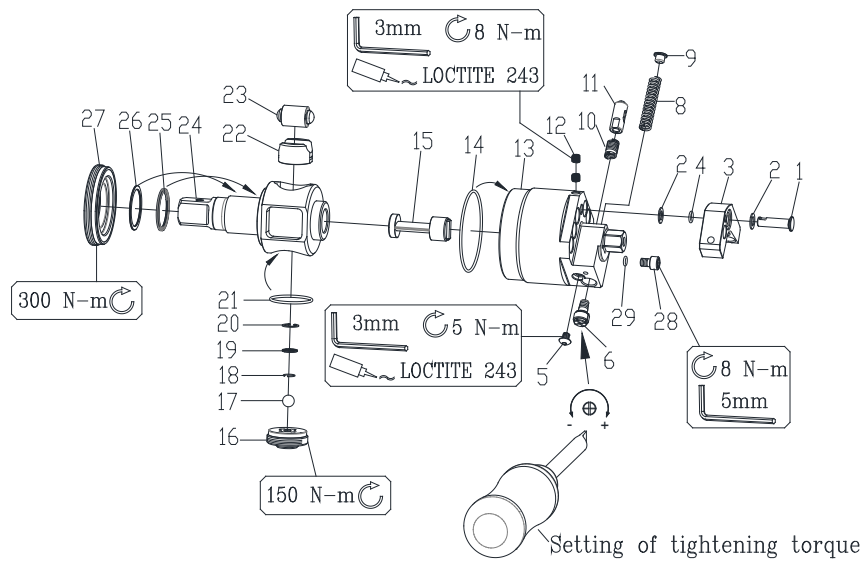
Pulse unit Casing



	Index No	Part No	Description	Q.ty	Remark
A	1	00-0140	Cap Screw	3	M6x18L
	2	I200-201	Pulse Unit Housing	1	
	3	I200-202	Bushing	1	
	4	I200-205	Gasket	1	
	5	I200-424C	Washer	1	Axial gap: 0.8 , 0.9 , 1.0 mm
B	6	I180-206	Side Handle	1	
	7	00-1811	Spring Washer	1	M12
	8	00-1514	Washer	1	Ø20x Ø13x1t

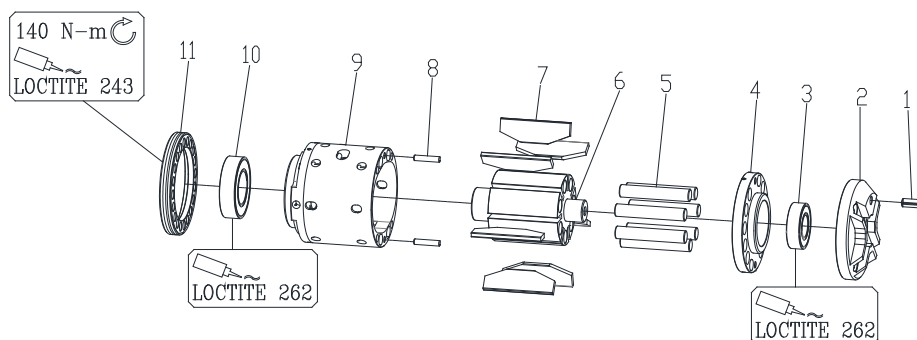
Pulse unit _ II

IS200-400ASM



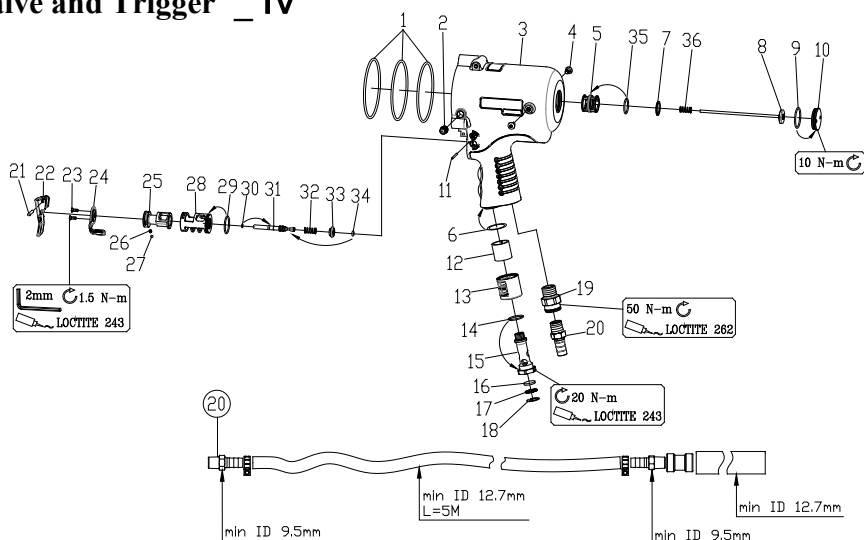
	Index No	Part No	Description	Q.ty	Remark
	1	IS200-474	Pin	1	
	2	IS200-475	Washer	2	
	3	IS200-473	Inertia Block	1	
	4	00-41243	O-Ring	1	Ø 6 x Ø 1.5
	5	00-1304	Round Head Bolt	1	M5x6L
	6	IS200-478	Adjusting Screw	1	
	8	IS200-481	Adjusting Spring	1	
	9	IS200-477	Spring Setter	1	
	10	IS200-484	Spring	1	
	11	IS200-482	Pin	1	
	12	IS200-493	Set Screw	2	
	13	IS200-404	Pulse Cylinder	1	
	14	00-41216	O-Ring	1	AS036 / Ø 60 x Ø 1.78
	15	IS200-479	Roll Shaft	1	
	16	IS200-476	Locking Nut	1	
	17	00-3832	Steel Ball	1	Ø 9
	18	I200-494	Collar	1	
	19	I200-469	Washer	1	
	20	00-3118	Snap Ring	1	R12
	21	00-41136	O-Ring	1	AS25 / Ø 29.87 x Ø 1.78
	22	I200-467	Piston	1	
	23	I200-468	Roller	1	
	24	IS200-405	Anvil	1	
	25	00-2606	X-Ring	1	Ø 28.17 x Ø 3.53
	26	I200-409	Back Up Ring	1	
	27	I200-402	Nut	1	
	28	00-0147	Cap Screw	1	M6x8L
	29	00-41179	O-Ring	1	Ø 4.5x Ø 1.5

Motor Unit _ III



Index No	Part No	Description	Q.ty	Remark
1	00-3370	Spring Pin	1	Ø 6 x16L
2	I200-310	Air Inlet Plate	1	
3	00-2385	Ball Bearing	1	6003 / Ø 17 x Ø 35 x10
4	I200-305	Rear Plate	1	
5	I200-322	Roll Plug	7	
6	I200-303	Roter	1	
7	I200-304	Rotor Blade	7	
8	00-3330	Spring Pin	2	Ø 4 x20L
9	I200-302	Cylinder	1	
10	00-2386	Ball Bearing	1	6005 / Ø 25x Ø 47 x12
11	I200-306	Nut	1	

Housing Unit and Valve and Trigger _ IV



Index No	Part No	Description	Q.ty	Remark
1	00-41218	O-Ring	3	AS151 / Ø75.87x Ø 2.62
2	00-0616	Set Screw	1	M10x8L
3	I200-101	Housing	1	
4	00-1304	Round Head Bolt	2	M5x6L
5	IS200-518	Seat	1	
6	00-41145	O-Ring	1	Ø 18x Ø 1.5
7	IS200-312	Valve Washer	1	
8	IS200-311	Valve	1	
9	00-41128	O-Ring	1	Ø25x Ø 1.5
10	I200-104	Nut	1	

Index No	Part No	Description	Q,ty	Remark
11	00-3461	Pin	1	Ø2x30L
12	I200-601	Muffler	1	
13	I200-603	Exhaust Deflector	1	
14	00-41111	O-Ring	1	Ø 16x Ø 1.5
15	I200-610	Air Inlet Bushing	1	
16	I200-605	Muffler	1	
17	I200-606	Net	1	
18	00-3103	Snap Ring	1	R16
	I200-604A	Air Inlet		3/8"PF-19
19	I200-604B	Air Inlet	1	3/8"PT-19
	I200-604C	Air Inlet		3/8"NPT-18
20	277-033	Nipple	1	3/8"Px1/2
21	00-3308	Spring Pin	1	Ø3x18L
22	I150-504	Trigger	1	
23	00-0505	Screw	2	M3x6L
24	I150-503	Regulator Knob	1	
25	IS200-502	F/R Valve	1	
26	I100-506	Spring	1	
27	00-3813	Steel Ball	1	Ø 1/8"
28	I200-501	Valve Sleeve	1	
29	00-41146	O-Ring	1	Ø 21x Ø 1.5
30	00-4101	O-Ring	1	Ø 3x Ø 1
31	IS200-505	Valve Stem	1	
32	I150-507	Spring	1	
33	I150-508	Bushing	1	
34	00-41199	O-Ring	1	Ø 1.8x Ø 1.9
35	00-41244	O-Ring	1	Ø 19x Ø 1.5
36	IS180-317	Spring	1	

Service Kit – Pulse unit Casing / Pulse unit / Motor Unit / Housing Unit and Valve and Trigger

Ordering Code 6-1058498

Part No	Description	Q,ty	Remark
I200-205	Gasket	1	
00-41216	O-Ring	1	AS036 / Ø 60 x Ø 1.78
00-2606	X-Ring	1	Ø 28.17 x Ø 3.53
I200-409	Back Up Ring	1	
00-41179	O-Ring	1	Ø 4.5x Ø 1.5

Repair Kit – Pulse unit Casing / Pulse unit / Motor Unit / Housing Unit and Valve and Trigger

Ordering Code 6-1058499

Part No	Description	Q,ty	Remark
IS200-473	Inertia Block	1	Pulse Unit
00-41243	O-Ring	1	Ø 6 x Ø 1.5 / Pulse Unit
00-41136	O-Ring	1	AS25 / Ø 29.87 x Ø 1.78 / Pulse Unit
I200-310	Air Inlet Plate	1	Motor Unit
I200-304	Rotor Blade	7	Motor Unit
00-2386	Ball Bearing	1	6005 / Ø 25x Ø 47 x12 / Motor Unit
00-41218	O-Ring	3	AS151 / Ø75.87x Ø 2.62 / Housing Unit and Valve and Trigger
00-41145	O-Ring	1	Ø 18x Ø 1.5 / Housing Unit and Valve and Trigger
00-41128	O-Ring	1	Ø25x Ø 1.5 / Housing Unit and Valve and Trigger
I200-601	Muffler	1	Housing Unit and Valve and Trigger
00-41111	O-Ring	1	Ø 16x Ø 1.5 / Housing Unit and Valve and Trigger
I200-605	Muffler	1	Housing Unit and Valve and Trigger
00-41146	O-Ring	1	Ø 21x Ø 1.5 / Housing Unit and Valve and Trigger
00-4101	O-Ring	1	Ø 3x Ø 1 / Housing Unit and Valve and Trigger
00-41199	O-Ring	1	Ø 1.8x Ø 1.9 / Housing Unit and Valve and Trigger
IS180-317	Spring	1	Housing Unit and Valve and Trigger
00-41244	O-Ring	1	Ø 19x Ø 1.5 / Housing Unit and Valve and Trigger
6-1023494	Impulse Oil		

TROUBLE SHOOTING

Trouble	Cause	Solution
<u>No Shut-off occurs</u>	Overfill oil or missing oil in the pulse unit	Draw or add the amount of oil needed
	Push rod or spring worn out	Replace the push rod and spring
	Low Air pressure or incorrect hose size and air fittings	Adjust desired air pressure when the tool is running freely. Select the hose size and the air fittings corrects, according the tool model
	Missing Valve (rear plate)	Replace the parts
	Oil and/or X-rings broke down	Change the oil X -rings if are worn out or bad conditions
<u>Premature Shut-off or uncompleted rundown</u>	Excess of oil in the pulse unit	Draw the excess of oil from the pulse unit
	Torque setting	Adjust the target torque as is recommended
	Extensions or extra length sockets	Use sleeve drive sockets for extension or different length need
	Join characteristic	Use a bigger model or a non-shut off tool, if the join is soft or there is a prevailing torque
Inconsistence torque output or low Torque	Low air pressure or fluctuates	Adjust desired air pressure when the tool is running freely.
	Lack of CFM on the air motor	Check the air compressor capacity
	Dry blades of the air motor	Lubricate the air motor and suggest to add two or three drops per week
	Oil and/or X -rings broke down	Change the oil X -rings if are worn out or bad conditions
Low RPM's	Low air pressure or fluctuates	Adjust desired air pressure when the tool is running freely.
	Dry blades of the air motor	Lubricate the air motor and suggests to add two or three drops per week

Vibration of models in the DPTS range

Model	Vibration (m/sec ²)	Model	Vibration (m/sec ²)
4-1084190 - DPTS-30	2.0	4-1084120 - DPTS-30 S	2.7
4-1080008 - DPTS-40	2.4	4-1080031 - DPTS 40 S	5.3
4-1080009 - DPTS-50	3.1	4-1080032 - DPTS 50 S	3.5
4-1080010 - DPTS-60	3.1	4-1080033 - DPTS-60 S	4.5
4-1058450 - DPTS-65	3.0	4-1080034 - DPTS-70 S	6.0
4-1080011 - DPTS-70	3.3		
4-1090005 - DPTS-70 X	4.3	4-1080040 - DPTS-30 SHD	3.6
4-1058451 - DPTS-80	5.3	4-1080041 - DPTS-40 SHD	4.0
4-1080012 - DPTS-90	3.0	4-1080042 - DPTS-50 SHD	4.5
4-1080013 - DPTS-100	7.6	4-1080043 - DPTS-60 SHD	5.3
4-1080014 - DPTS-130	5.3		
4-1088200 - DPTS-150	2.8	4-1080048 - DPTS-50 RA	7.3
4-1058452 - DPTS-180	3.2	4-1080049 - DPTS-60 RA	7.4
4-1090146 - DPTS-200	8.0	4-1080050 - DPTS-70 RA 3/8	8.4
		4-1080051 - DPTS-70 RALS	10.1
4-1080021 - DPTS-30 HD	2.8	4-1080055 - DPTS-50 RAHD	11.6
4-1080022 - DPTS-40 HD	3.2	4-1080056 - DPTS-60 RAHD	12.2
4-1080023 - DPTS-50 HD	4.2	4-1080057 - DPTS-70 RA 1/2	11.8
4-1080024 - DPTS-60 HD	3.4	4-1002356 - DPTS-70 RA 1/2	11.6
		4-1080052 - DPTS-80 RA	8.7

Vibration (m/sec²) according to EN ISO 28927-2



8, avenue Gutenberg - CS 50510
78317 Maurepas Cedex - France
Tél. : 01 30 66 41 20 • Fax : 01 30 66 41 79

export@dogaf.fr

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