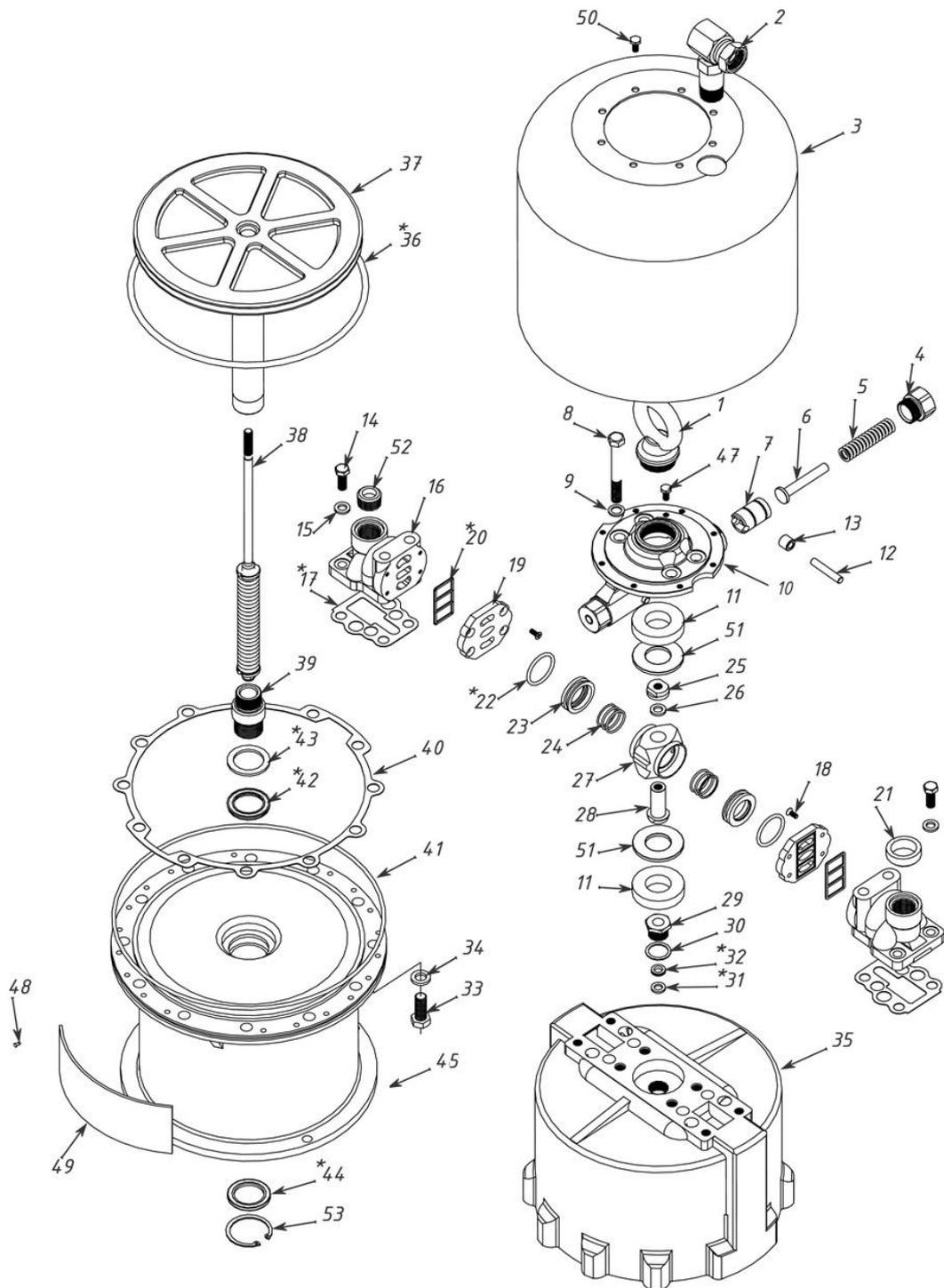


DSTech

MANUAL

K254-100 Air Motor Part Drawing



Parts

No	D CODE	Description	Qty	No	D CODE	Description	Qty
1	K254-001	LIFT RING	1	27	K254-027	VALVE HOUSING	1
2	K254-002	ADAPTER UNION	1	28	K254-028	HUB	1
3	K254-003	MOTOR SHIELD	1	29	K254-029	BEARING, trip rod	1
4	K254-004	RETAINER	2	30	K254-030	GASKET	1
5	K254-005	SPRING, plunger	2	31	K254-031	BACKUP WASHER	1
6	K254-006	GUIDE	2	32	K254-032	V- PACKING	1
7	K254-007	PLUNGER	2	33	K254-033	HEX BOLT	12
8	K254-008	SCREW	4	34	K254-034	WASHER	12
9	K254-009	LOCK WASHER	4	35	K254-035	MOTOR CYLINDER	1
10	K254-010	HOUSING, detent	1	36	K254-036	O-RING, piston	1
11	K254-011	PAD, rubber	2	37	K254-037	PISTON ASS'Y	1
12	K254-012	AXLE	2	38	K254-038	TRIP ROD ASS'Y	1
13	K254-013	ROLLER	2	39	K254-039	STUD	1
14	K254-014	SCREW	4	40	K254-040	MOTOR GASKET	1
15	K254-015	WASHER	4	41	K254-041	O-RING, base	1
16	K254-016	AIR MANIFOLD	2	42	K254-042	V-PACKING	1
17	K254-017	MANIFOLD GASKET	2	43	K254-043	BACKUP WASHER	2
18	K254-018	SCREW, valve plate	8	44	K254-044	WIPER SEAL	1
19	K254-019	VALVE PLATE	2	45	K254-045	BASE	1
20	K254-020	PLATE SEAL	2	47	K254-047	SCREW	1
21	K254-021	GROMMET	1	48	K254-048	RIVET, name plate	10
22	K254-022	O-RING	2	49	K254-049	NAME PLATE	2
23	K254-023	AIR VALVE	2	50	K254-050	SCREW	8
24	K254-024	SPRING, air valve	2	51	K254-051	THRUST WASHER	2
25	K254-025	NUT, trip rod	1	52	K254-052	PLUG	1
26	K254-026	LOCK WASHER	1	53	K254-053	SNAP RING	1

Note : part marked in color are the spare parts

**PART NO 17, 22, 30, 31, 32, 36, 42, 43,
Included in [Repair KIT No K254-500\(207-730\)](#)**

REPAIR INSTRUCTIONS

2018.01.09 Rev21

A PATENT APPLICATION
PAT NO. 30-0733086

K- type Air Motor & X- type Displacement Sprayer

Part No. K254-X401, 40:1 Ratio X-type Pump (290cc)

4200 psi (290 bar) Maximum Fluid Working Pressure

Part No. K254-X451, 45:1 Ratio X-type Pump (250cc)

4900 psi (338 bar) Maximum Fluid Working Pressure

Part No. K254-X561, 56:1 Ratio X-type Pump (220cc)

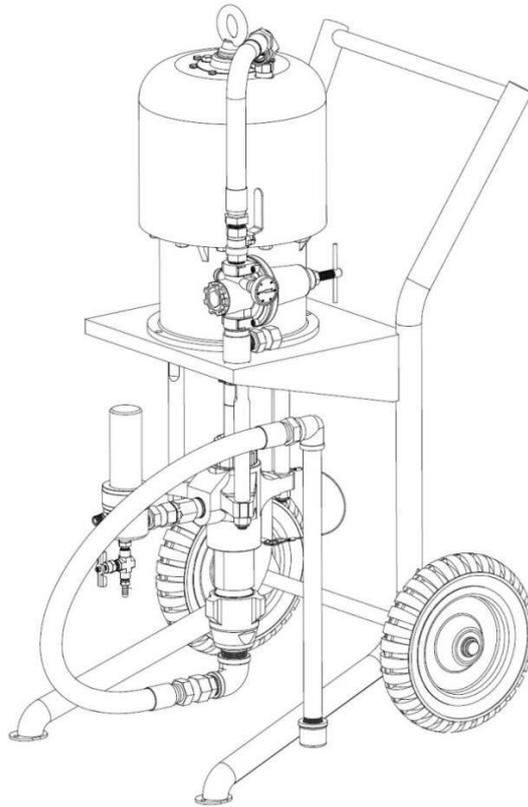
5656 psi (390 bar) Maximum Fluid Working Pressure

Part No. K254-X681, 68:1 Ratio X-type Pump (180cc)

6800 psi (468 bar) Maximum Fluid Working Pressure

Part No. K254-X831, 83:1 Ratio X-type Pump (145cc)

8484 psi (585 bar) Maximum Fluid Working Pressure



DSTech Co., LTD.

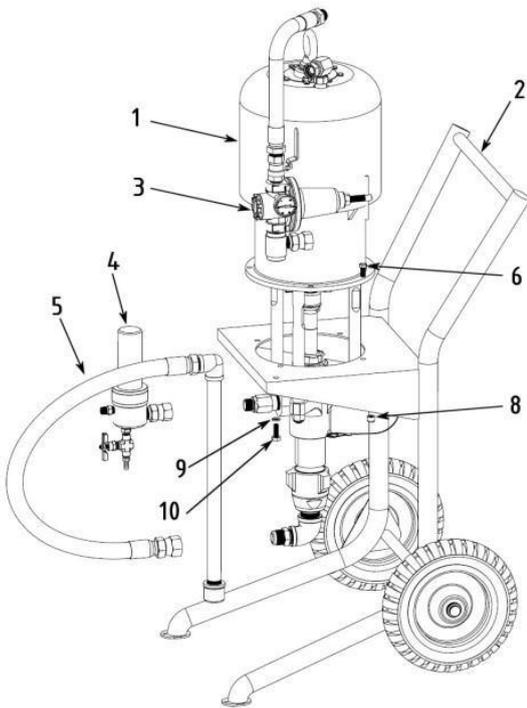
#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)

Tel: 82-51-207-8006

Fax: 82-51-207-8831

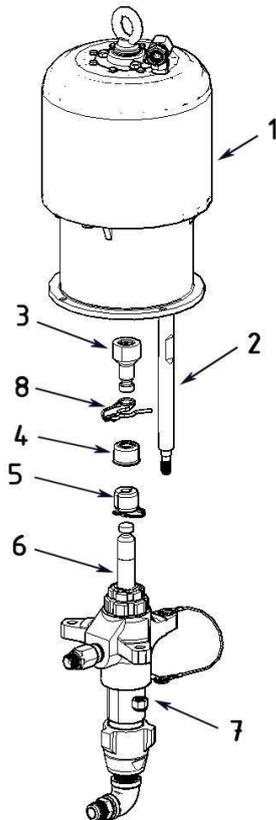
www.dstpump.com

Part Drawing



NO	D Code	DESCRIPTION	QTY
1	K254-Xxxx-1	BARE	1
2	K254-200	CART	1
3	K254-300	AIR REGULATOR KIT	1
4	S254-400	FLUID FILTER	1
5	K254-600	SUCTION HOSE ASS'Y	1
6	K254-111	BOLT	4
8	K254-113	NUT	4
9	K254-114	BOLT	1
10	K254-115	WASHER	1

K254-Xxxx-1 BARE



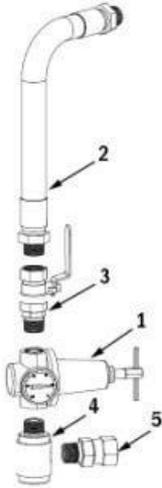
No	D Code	G Code	Description	Qty
1	K254-100		AIR MOTOR	1
2	K254-101	197-329	ROD, Tie	3
3	K254-102	197341	ADAPTER	1
4	K254-103	197340	COVER	1
5	K254-104	244819	COUPLING Assembly	1
6	Xxxx-100		PUMP Displacement	1
7	K254-105	101712	NUT	3
8	K254-106	244-820	CLIP	1

K254-200 CART



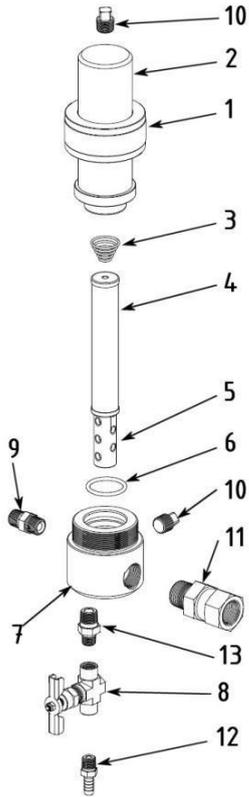
No	D Code	Description	Qty
1	K254-201	CART	1
2	K254-202	TIRE	2
3	K254-203	WASHER	2
4	K254-204	SNAP RING	2

K254-300 AIR REGULATOR KIT



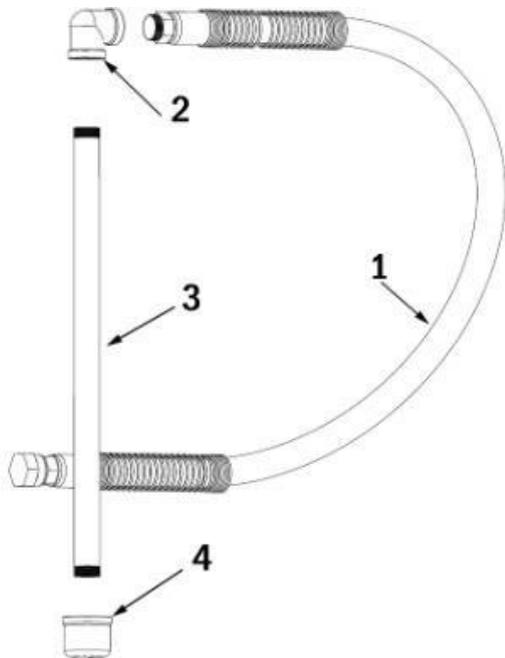
No	D Code	Description	Qty
1	K254-301	AIR REGULATOR	1
2	K254-302	AIR HOSE	1
3	K254-303	SHUTOFF VALVE	1
4	K254-304	AIR MANIFOLD	1
5	K254-305	COUPLING	1

S254-400 FLUID FILTER



No	D Code	G Code	Description	Qty
1	S254-101	174-058	RING	1
2	S254-102	174-054	BOWL	1
3	S254-103	171-841	SPRING	1
4	S254-104	167-025	STRAINER #60	1
5	S254-105	186-075	SUPPORT	1
6	S254-106	104-804	PACKING ,O-ring	1
7	S254-107	174-061	MANIFOLD	1
8	S254-108		HAMMER V/V	1
9	S254-109		NIPPLE	1
10	S254-110		PLUG	2
11	S254-111		UNION	1
12	S254-112		NIPPLE	1
13	S254-113		NIPPLE	1

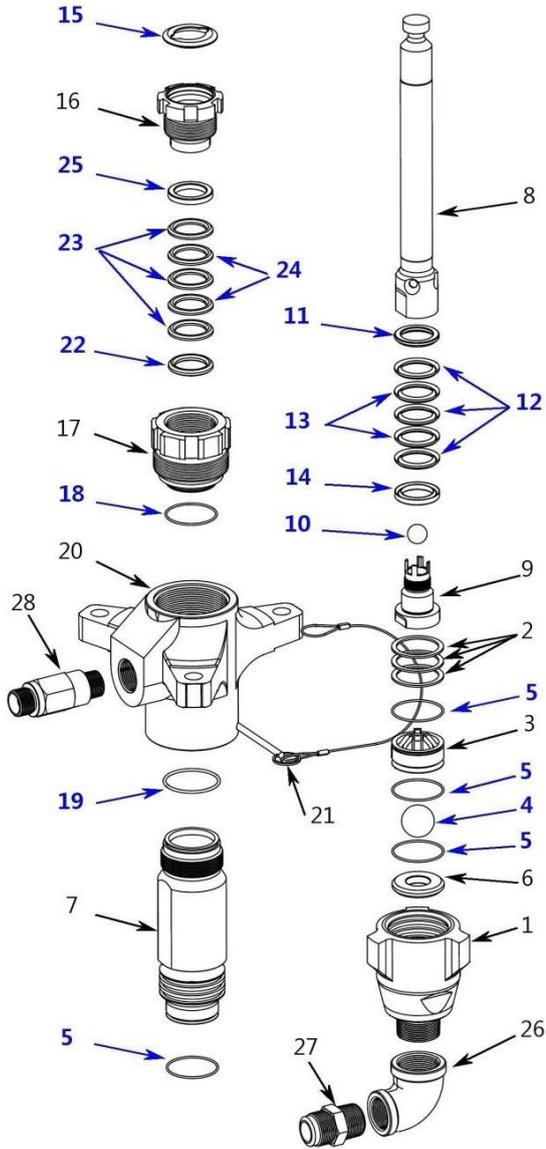
K254-600 SUCTION HOSE ASS'Y



No	D Code	Description	Qty
1	K254-601	SUCTION HOSE	1
2	K254-602	ELBOW	1
3	K254-603	SUCTION TUBE	1
4	K254-604	STRAINER (1")	1

Parts drawing and Parts List

X401-100 PUMP (290cc)



Note : part marked in color are the spare part

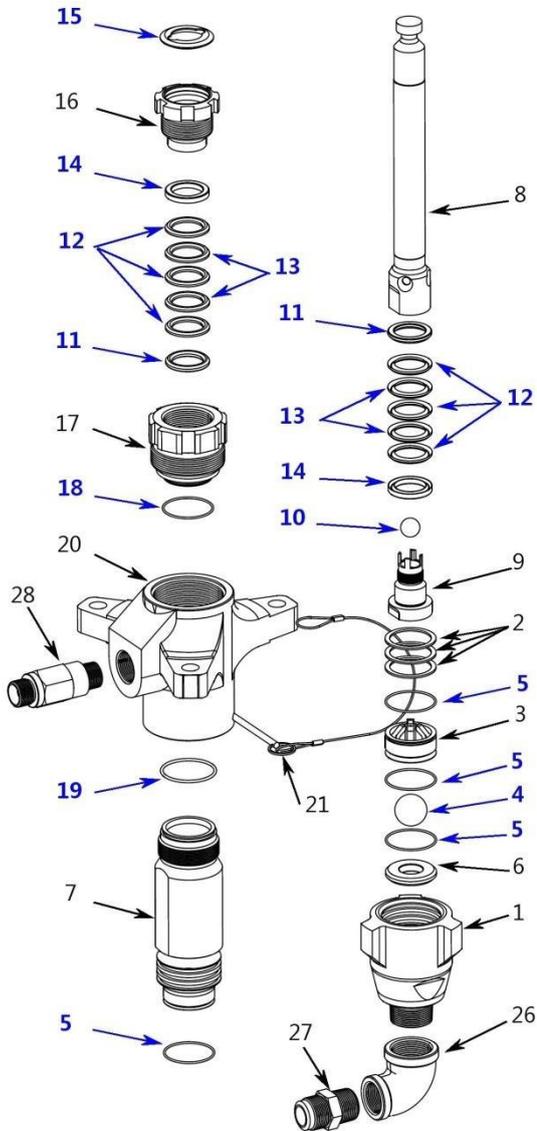
No	D CODE	G CODE	Description	Qty
1	X401-001	197-304	HOUSING , Inlet	1
2	X401-002	244-856	SHIM	3
3	X401-003	197-308	BALL GUIDE	1
4	X401-004	253-030	BALL (1 1/2")	1
5	X401-005	244-894	PACKING ,O-RING	4
6	X401-006	197-344	SEAT	1
7	X401-007	197-319	CYLINDER	1
8	X401-008	197-324	DISPLACEMENT ROD	1
9	X401-009	197-313	PISTON VALVE	1
10	X401-010	244-899	BALL (1")	1
11	X401-011	244-886	GLAND-M (S)	1
12	X401-012	244-868	PACKING-V (UHMWPE)(S)	3
13	X401-013	244-874	PCAKING-V(Leather)(S)	2
14	X401-014	244-880	GLAND-F(S)	1
15	X401-015	244-999	SEAL	1
16	X401-016	197-331	PACKING NUT	1
17	X401-017	197-327	CARTRIDGE	1
18	X401-018	244-891	PACKING, O-RING	1
19	X401-019	244-893	PACKING, O-RING	1
20	X401-020	197-335	HOUSING	1
21	X401-021	244-826	PIN	1
22	X401-022	244-885	GLAND-M (L)	1
23	X401-023	244-867	PACKING-V (UHMWPE)(L)	3
24	X401-024	244-873	PCAKING-V(Leather)(L)	2
25	X401-025	244-879	GLAND-F(L)	1
26	X401-026		TUBE	1
27	X401-027		NIPPLE	1
28	X401-028		JOINT NIPPLE	1

REPAIR KIT No : X401-500 (244-854)
 With 4,5,10,11,12,13,14,15,18,19,22,23,24,25

REPAIR KIT No : X401-501 (244-904)
 With 4,5,10,11,13,14,15,18,19,22,24,25
 No #13 LEATHER v-packing 5EA
 #24 LEATHER v-packing 5EA

Parts drawing and Parts List

X451-100 PUMP (250cc)



Note : part marked in color are the spare part

No	D CODE	G CODE	Description	Qty
1	X451-001	197-304	HOUSING , Inlet	1
2	X451-002	244-856	SHIM	3
3	X451-003	197-308	BALL GUIDE	1
4	X451-004	253-030	BALL (1 1/2")	1
5	X451-005	244-894	PACKING ,O-RING	1
6	X451-006	197-344	SEAT	1
7	X451-007	197-318	CYLINDER	1
8	X451-008	197-323	DISPLACEMENT ROD	1
9	X451-009	197-312	PISTON VALVE	1
10	X451-010	244-898	BALL (7/8")	1
11	X451-011	245-232	GLAND-M	1
12	X451-012	245-229	PACKING-V (UHMWPE)	1
13	X451-013	245-230	PACKING-V (Leather)	1
14	X451-014	245-233	GLAND-F	1
15	X451-015	244-999	SEAL	1
16	X451-016	197-331	PACKING NUT	1
17	X451-017	197-328	CARTRIDGE	1
18	X451-018	244-891	PACKING, O-RING	1
19	X451-019	244-893	PACKING, O-RING	1
20	X451-020	197-335	HOUSING	1
21	X451-021	244-826	PIN	1
26	X451-026		TUBE	1
27	X451-027		NIPPLE	1
28	X451-028		JOINT NIPPLE	1

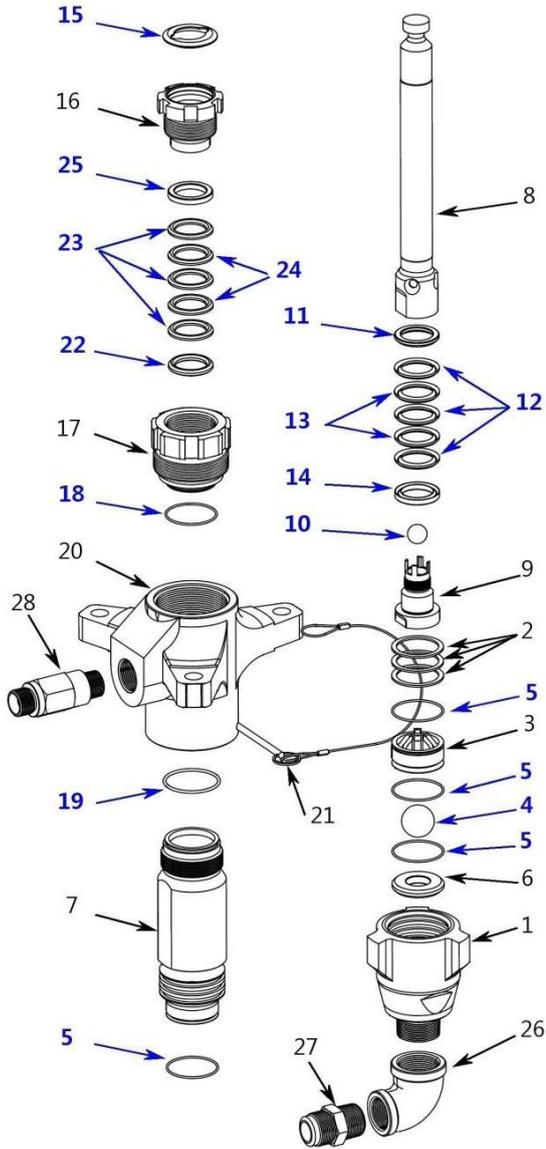
REPAIR KIT No : X451-500 (244-853)
With 4,5,10,11,12,13,14,15,18,19

REPAIR KIT No : X451-501 (244-903)
With 4,5,10,11,13,14,15,18,19
No #13 LEATHER v-packing 10EA

REPAIR KIT No : X451-502 (244-836)
With 4,5,10,11,12,13,14,15,18,19
No #12 UHMWPE v-packing 2EA
#13 LEATHWE v-packing 8EA

Parts drawing and Parts List

X561-100 PUMP (220cc)



Note : part marked in color are the spare part

No	D Code	G Code	Description	Qty
1	X561-001	197-304	HOUSING , Inlet	1
2	X561-002	244-856	SHIM	3
3	X561-003	197-308	BALL GUIDE	1
4	X561-004	253-030	BALL (1 1/2")	1
5	X561-005	244-894	PACKING ,O-RING	4
6	X561-006	197-344	SEAT	1
7	X561-007	197-317	CYLINDER	1
8	X561-008	197-322	DISPLACEMENT ROD	1
9	X561-009	197-311	PISTON VALVE	1
10	X561-010	244-898	BALL (7/8")	1
11	X561-011	244-884	GLAND-M (S)	1
12	X561-012	244-860	PACKING-V (UHMWPE)(S)	3
13	X561-013	244-872	PCAKING-V(Leather)(S)	2
14	X561-014	244-878	GLAND-F(S)	1
15	X561-015	244-999	SEAL	1
16	X561-016	197-331	PACKING NUT	1
17	X561-017	197-327	CARTRIDGE	1
18	X561-018	244-891	PACKING, O-RING	1
19	X561-019	244-893	PACKING, O-RING	1
20	X561-020	197-335	HOUSING	1
21	X561-021	244-826	PIN	1
22	X561-022	244-883	GLAND-M (L)	1
23	X561-023	244-859	PACKING-V (UHMWPE) (L)	3
24	X561-024	244-871	PCAKING-V(Leather)(L)	2
25	X561-025	244-877	GLAND-F (L)	1
26	X561-026		TUBE	1
27	X561-027		NIPPLE	1
28	K561-028		JOINT NIPPLE	1

REPAIR KIT No : X561-500 (244-852)

With 4,5,10,11,12,13,14,15,18,19,22,23,24,25

REPAIR KIT No : X561-501 (244-902)

With 4,5,10,11,13,14,15,18,19,22,24,25

No #13 LEATHER v-packing 5EA

#24 LEATHER v-packing 5EA

REPAIR KIT No : X561-502 (246-835)

With 4,5,10,11,12,13,14,15,18,19,22,23,24,25

No #12 UHMWPE v-packing 1EA

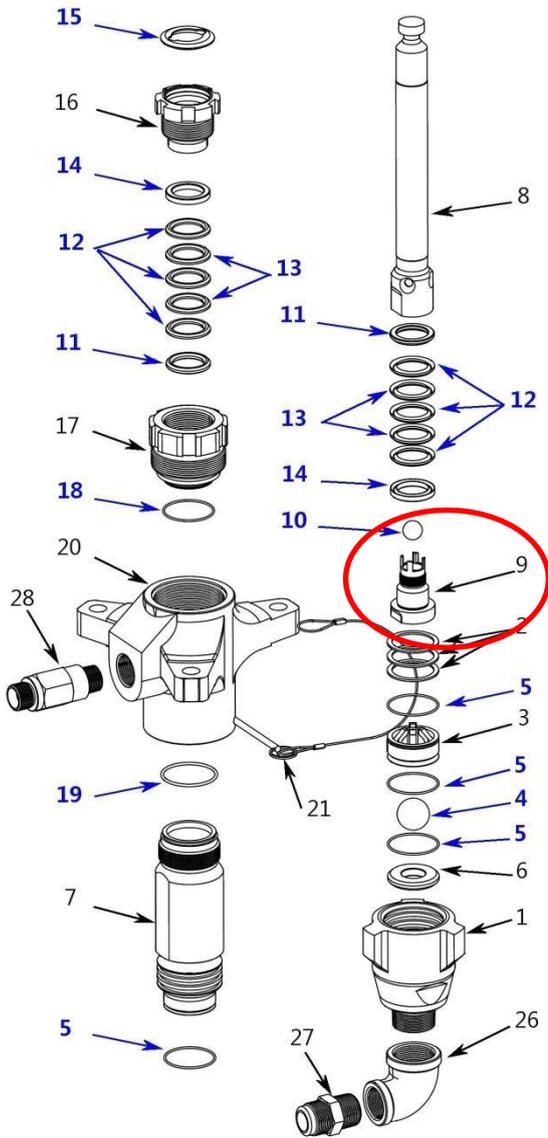
#13 LEATHER v-packing 4EA

#23 UHMWPE v-packing 1EA

#24 LEATHER v-packing 4EA

Parts drawing and Parts List

X681-100 PUMP (180cc)



Note : part marked in color are the spare parts

No	D Code	G Code	Description	Qty
1	X681-001	197-303	HOUSING , Inlet	1
2	X681-002	244-855	SHIM	3
3	X681-003	197-307	BALL GUIDE	1
4	X681-004	253-031	BALL(1 1/4")	1
5	X681-005	244-890	PACKING ,O-RING	4
6	X681-006	196-358	SEAT	1
7	X681-007	197-316	CYLINDER	1
8	X681-008	197-321	DISPLACEMENT ROD	1
9	X681-009	197-310	PISTON VALVE	1
10	X681-010	253-029	BALL(3/4")	1
11	X681-011	244-882	GLAND-M	2
12	X681-012	244-864	PACKING-V(UHMWPE)	6
13	X681-013	244-870	PACKING-V(Leather)	4
14	X681-014	244-876	GLAND-F	2
15	X681-015	244-996	SEAL	1
16	X681-016	197-330	PACKING NUT	1
17	X681-017	197-326	CARTRIDGE	1
18	X681-018	244-890	PACKING, O-RING	1
19	X681-019	244-892	PACKING, O-RING	1
20	X681-020	197-334	HOUSING	1
21	X681-021	244-826	PIN	1
26	X681-026		TUBE	1
27	X681-027		NIPPLE	1
28	X681-028		JOINT NIPPLE	1

REPAIR KIT No: **X681-500 (244-851)**

With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19

REPAIR KIT No: **X681-501 (244-901)**

With 4, 5, 10, 11, 13, 14, 15, 18, 19

No #13 LEATHER v-packing 10EA

REPAIR KIT No: **X681-502 (246-834)**

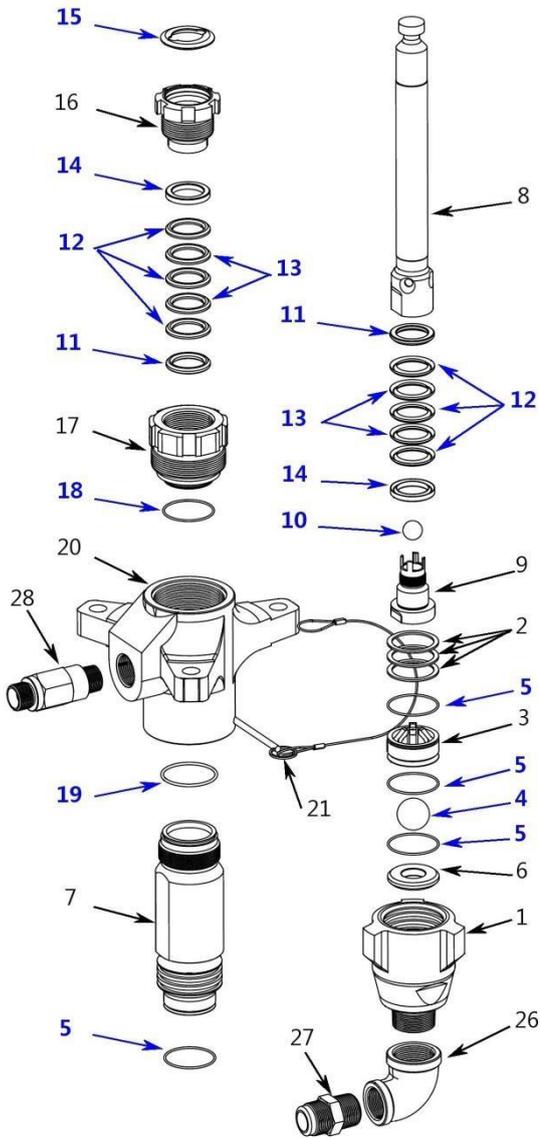
With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19

No #12 UHMWPE v-packing 2EA

#13 LEATHER v-packing 8EA

Parts drawing and Parts List

X831-100 PUMP (145cc)



Note : part marked in color are the spare parts

No	D Code	G Code	Description	Qty
1	X831-001	197-303	HOUSING , Inlet	1
2	X831-002	244-855	SHIM	3
3	X831-003	197-307	BALL GUIDE	1
4	X831-004	253-031	BALL(1 1/4")	1
5	X831-005	244-890	PACKING ,O-RING	4
6	X831-006	196-358	SEAT	1
7	X831-007	197-315	CYLINDER	1
8	X831-008	197-320	DISPLACEMENT ROD	1
9	X831-009	197-309	PISTON VALVE	1
10	X831-010	253-029	BALL(3/4")	1
11	X831-011	244-881	GLAND-M	2
12	X831-012	244-863	PACKING-V(UHMWPE)	6
13	X831-013	244-869	PACKING-V(Leather)	4
14	X831-014	244-875	GLAND-F	2
15	X831-015	244-996	SEAL	1
16	X831-016	197-330	PACKING NUT	1
17	X831-017	197-325	CARTRIDGE	1
18	X831-018	244-890	PACKING, O-RING	1
19	X831-019	244-892	PACKING, O-RING	1
20	X831-020	197-334	HOUSING	1
21	X831-021	244-826	PIN	1
26	X831-026		TUBE	1
27	X831-027		NIPPLE	1
28	X831-028		JOINT NIPPLE	1

REPAIR KIT No: **X831-500 (244-850)**

With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19

REPAIR KIT No: **X831-501 (244-900)**

With 4, 5, 10, 11, 12, 14, 15, 18, 19

No #12 UHMWPE v-packing 10EA

REPAIR KIT No: **X831-502 (246-833)**

With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19

No #12 UHMWPE v-packing 2EA

#13 LEATHER v-packing 8EA

REPAIR INSTRUCTIONS

2018.01.09 REV24

K- type Motor & K- type Displacement Sprayer

Part No. K254-L451, 45:1 Ratio K-type Pump

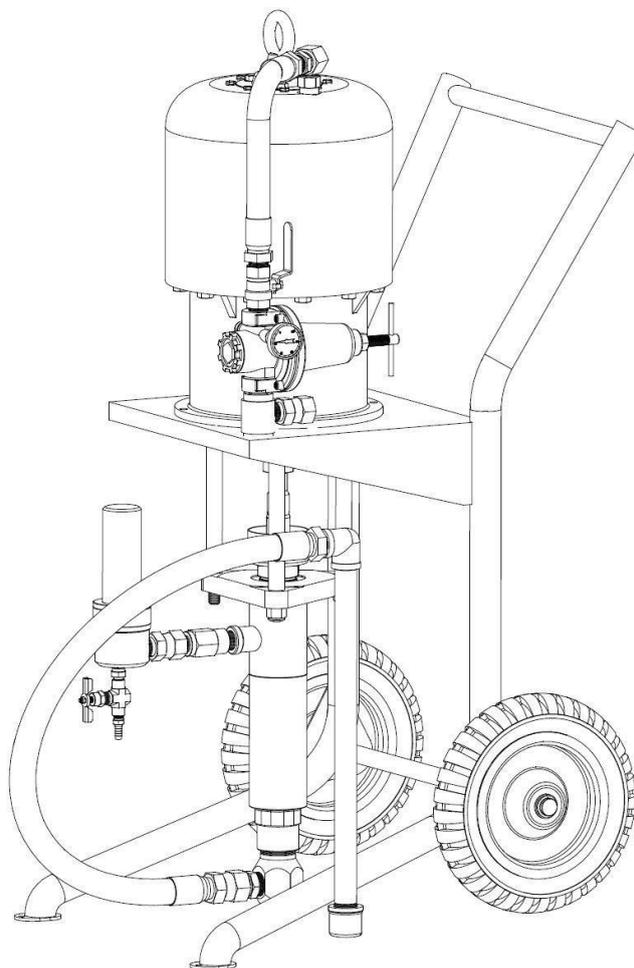
4500 psi (310 bar) Maximum Fluid Working Pressure

Part No. K254-L631, 63:1 Ratio K-type Pump

6300 psi (430 bar) Maximum Fluid Working Pressure

A PATENT APPLICATION

PAT NO. 20-0452354



DSTech Co., LTD.

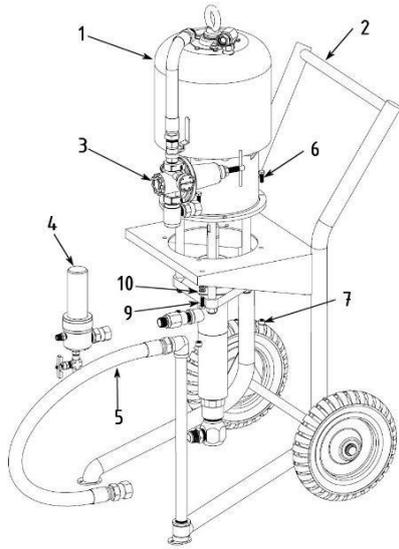
#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)

Tel: 82-51-207-8006

Fax: 82-51-207-8831

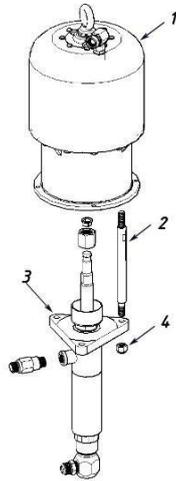
www.dstpump.com

Parts drawing and Parts List



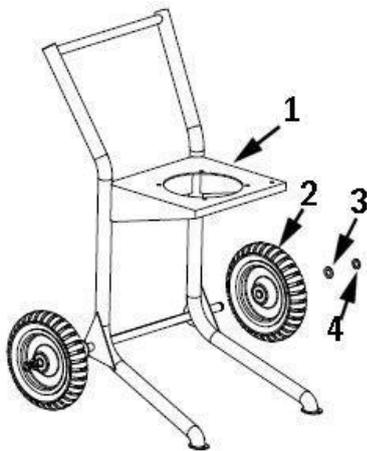
NO	D PART	DESCRIPTION	Qty
1	K254-Lxxx-1	BARE	1
2	K254-200	CART	1
3	K254-300	AIR REGULATOR KIT	1
4	S254-400	SURGE TANK (big)	1
5	K254-600	SUCTION HOSE ASS'Y	1
6	K254-111	BOLT	4
7	K254-113	NUT	4
9	K254-114	BOLT	1
10	K254-115	WASHER	1

K254-Lxxx-1 BARE



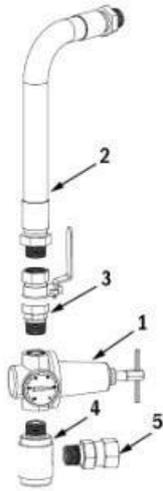
No	D Part No	Description	Qty
1	K254-100	AIR MOTOR	1
2	K254-141	ROD, Tie	3
3	Kxxx-100	PUMP Displacement	1
4	K254-145	LOCK NUT	3

K254-200 CART



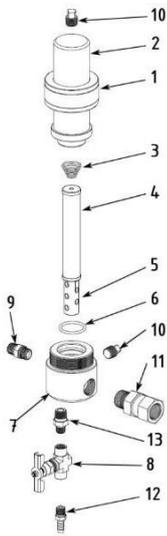
No	D Part	Description	Qty
1	K254-201	CART	1
2	K254-202	TIRE	2
3	K254-203	WASHER	2
4	K254-204	SNAP RING	2

K254-300 AIR REGULATOR KIT



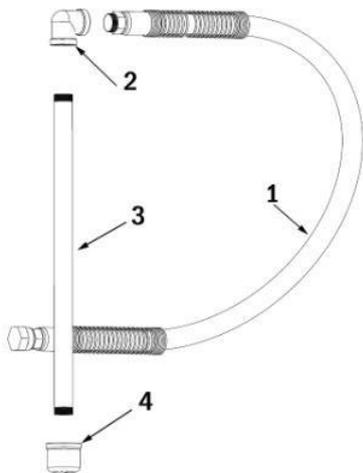
No	D Part	Description	Qty
1	K254-301	AIR REGULATOR	1
2	K254-302	AIR HOSE	1
3	K254-303	SHUTOFF VALVE	1
4	K254-304	AIR MANIFOLD	1
5	K254-305	COUPLING	1

S254-400 SURGE TANK



No	D Code	Description	Qty
1	S254-101	RING	1
2	S254-102	BOWL	1
3	S254-103	SPRING	1
4	S254-104	STRAINER #60	1
5	S254-105	SUPPORT	1
6	S254-106	PACKING ,O-ring	1
7	S254-107	MANIFOLD	1
8	S254-108	HAMMER V/V	1
9	S254-109	NPT 3/8\"/>	

K254-600 SUCTION HOSE ASS'Y

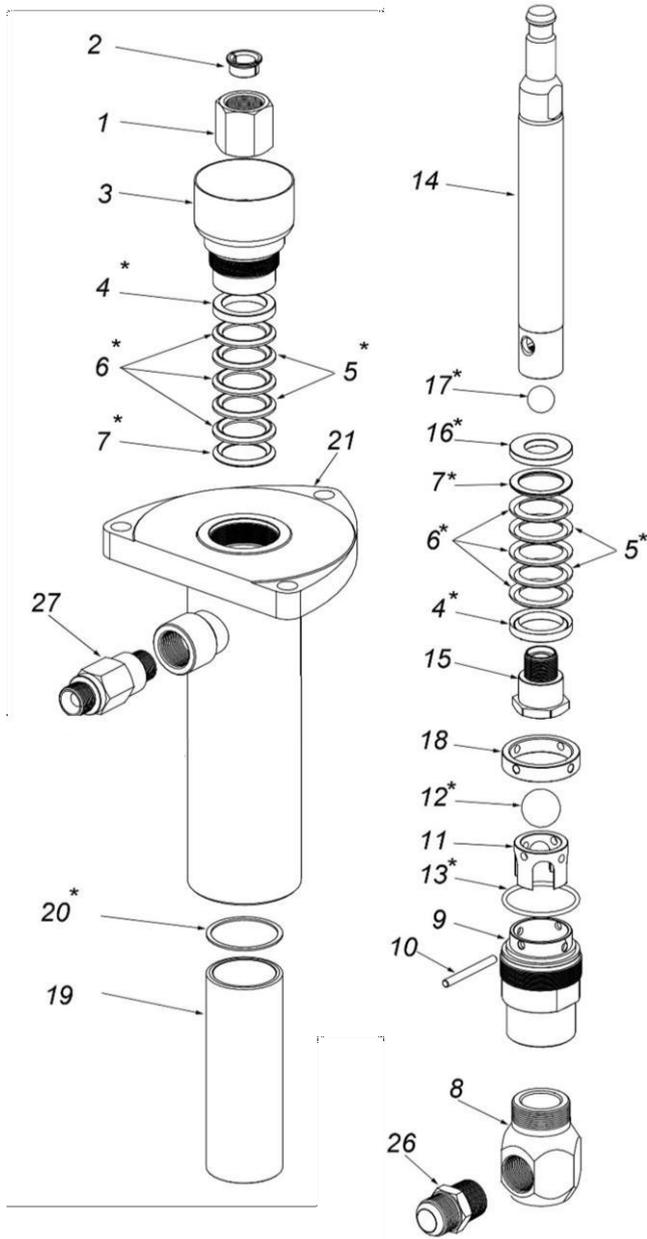


No	D Part	Description	Qty
1	K254-601	SUCTION HOSE	1
2	K254-602	ELBOW	1
3	K254-603	SUCTION TUBE	1
4	K254-604	STRAINER	1

Parts drawing and Parts List

L451-100 PUMP

A PATENT APPLICATION
PAT NO. 20-0452354



Note : part marked in color are the spare parts

These parts are included in repair kit which may be purchased separately.

Always use genuine DST parts

No	D Part No	Description	Qty
1	K451-001	COUPLING NUT	1
2	K451-002	COUPLING COLLER	2
3	K451-003	PACKING NUT	1
4	K451-004	PACKING GLAND(F)	1
5	K451-005	PACKING(LEATHER)	1
6	K451-006	PACKING(TEFLON)	1
7	K451-007	PACKING GLAND(M)	1
8	K451-008	TUBE	1
9	K451-009	INTAKE HOUSING	1
10	K451-010	PIN	1
11	K451-011	BALL GUIDE	1
12	K451-012	BALL 1 1/4"	1
13	K451-013	O-RING(TEFLON)	1
14	K451-014	DISPLACEMENT ROD	1
15	K451-015	VALVE PISTON	1
16	K451-016	WASHER	1
17	K451-017	BALL 7/8"	1
18	K451-018	RETAINER	1
19	K451-019	SLEEVE	1
20	K451-020	GASKET	1
21	K451-021	PUMP HOUSING ASS'Y	1
21-1	K451-021-1	PUMP HOUSING UP	1
21-2	K451-021-2	O-RING(TEFLON)	1
21-3	K451-021-3	LOW PUMP HOUSING	1
26	K451-026	NIPPLE	1
27	K451-027	JOINT NIPPLE	1

REPAIR KIT No : K451-500

With 4, 5, 6, 7, 12, 13, 16, 17, 20, 21-2

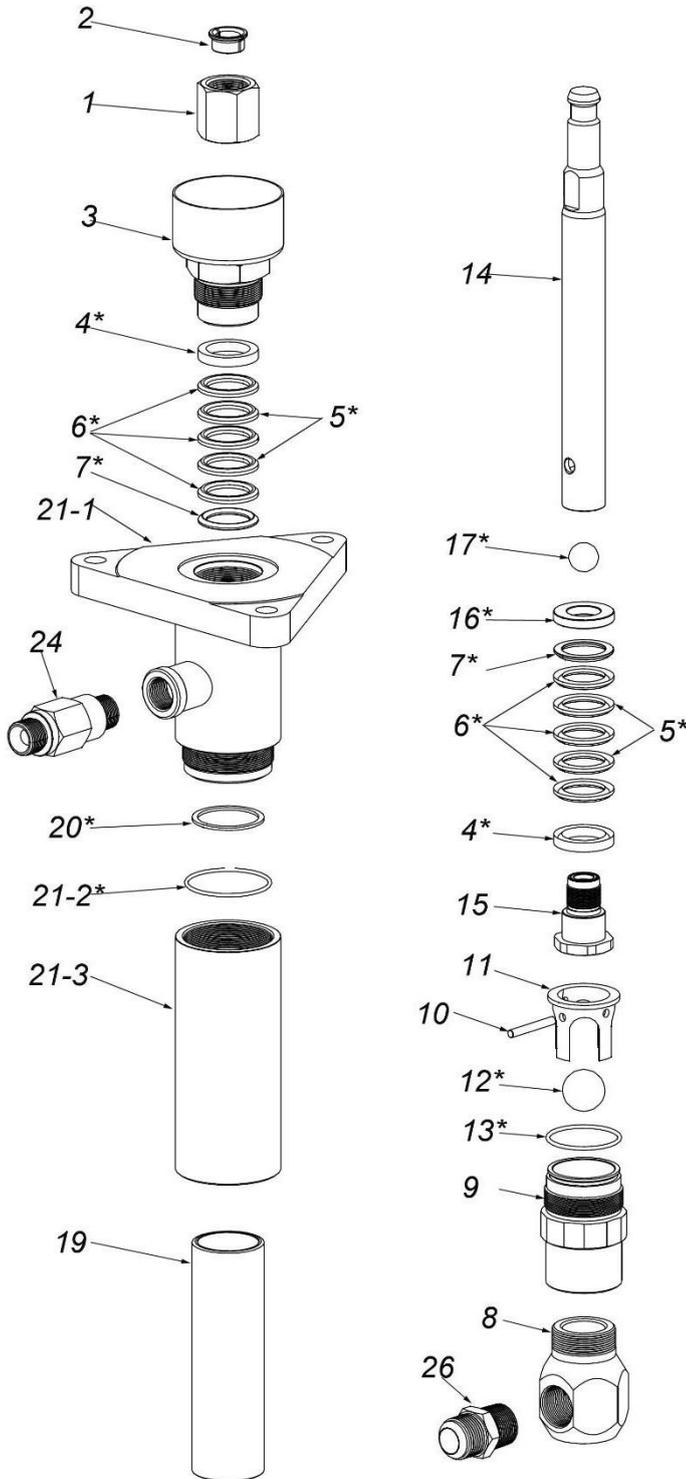
REPAIR KIT No : K451-501

With 4, 5, 7, 12, 13, 16, 17, 20, 21.2
 No #5 LEATHER v-packing 4EA
 #6 UHMWPE v-packing 6EA

Parts drawing and Parts List

L631-100 PUMP

A PATENT APPLICATION
PAT NO. 20-0452354



Always use genuine DST parts

No	D Part No	Description	Qty
1	K631-001	COUPLING NUT	1
2	K631-002	COUPLING COLLER	2
3	K631-003	PACKING NUT	1
4	K631-004	PACKING GLAND(F)	2
5	K631-005	PACKING(LEATHER)	4
6	K631-006	PACKING(TEFLON)	6
7	K631-007	PACKING GLAND(M)	2
8	K631-008	TUBE	1
9	K631-009	INTAKE HOUSING	1
10	K631-010	PIN	1
11	K631-011	BALL GUIDE	1
12	K631-012	BALL 1 1/4"	1
13	K631-013	O-RING(TEFLON)	1
14	K631-014	DISPLACEMENT ROD	1
15	K631-015	VALVE PISTON	1
16	K631-016	WASHER	1
17	K631-017	BALL 3/4"	1
19	K631-019	SLEEVE	1
20	K631-020	GASKET	1
21	K631-021	PUMP HOUSING ASS'Y	
21-1	K631-021-1	PUMP HOUSING	1
21-2	K631-021-2	O-RING(TEFLON)	1
21-3	K631-021-3	LOW PUMP HOUSING	1
24	K631-024	JOINT NIPPLE	1
26	K631-026	NIPPLE	1

REPAIR KIT No : K631-500
 With 4, 5, 6, 7, 12, 13, 16, 17, 20, 21-2

REPAIR KIT No : K631-501
 With 4, 7, 12, 13, 16, 17, 20, 21-2
 No #6 UHMWPE v-packing 6EA
 #5 LEATHER v-packing 4EA

REPAIR INSTRUCTIONS

2018.01.09 Rev11

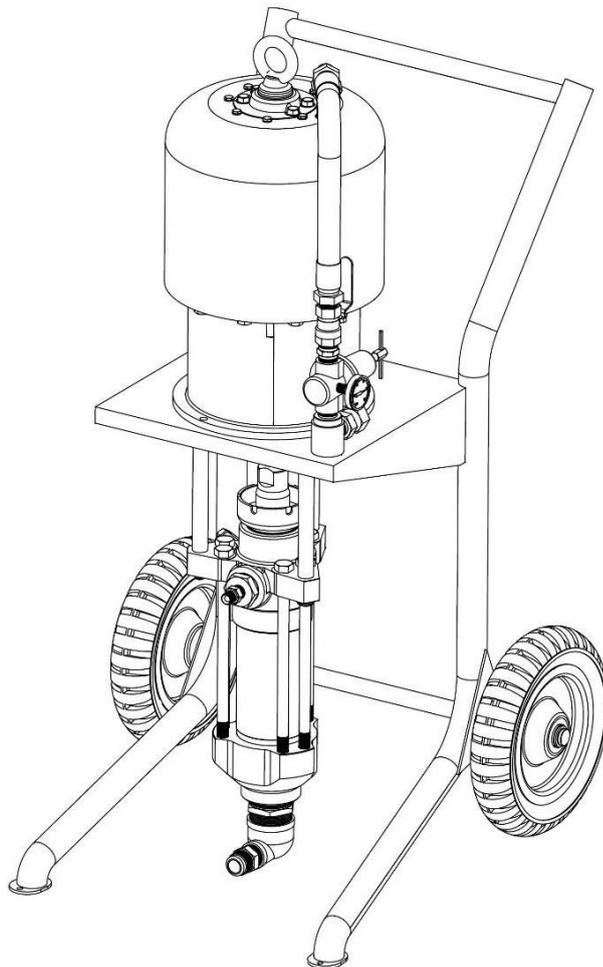
STAINLESS STEEL

K- type Motor & D-180 type Pumps

With Severe-Duty Rod and Cylinder

Part No. **K254-D180**, 28:1 Ratio D-type Pump

2800 psi (193 bar) Maximum Fluid Working Pressure



DSTech Co., LTD.

#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)

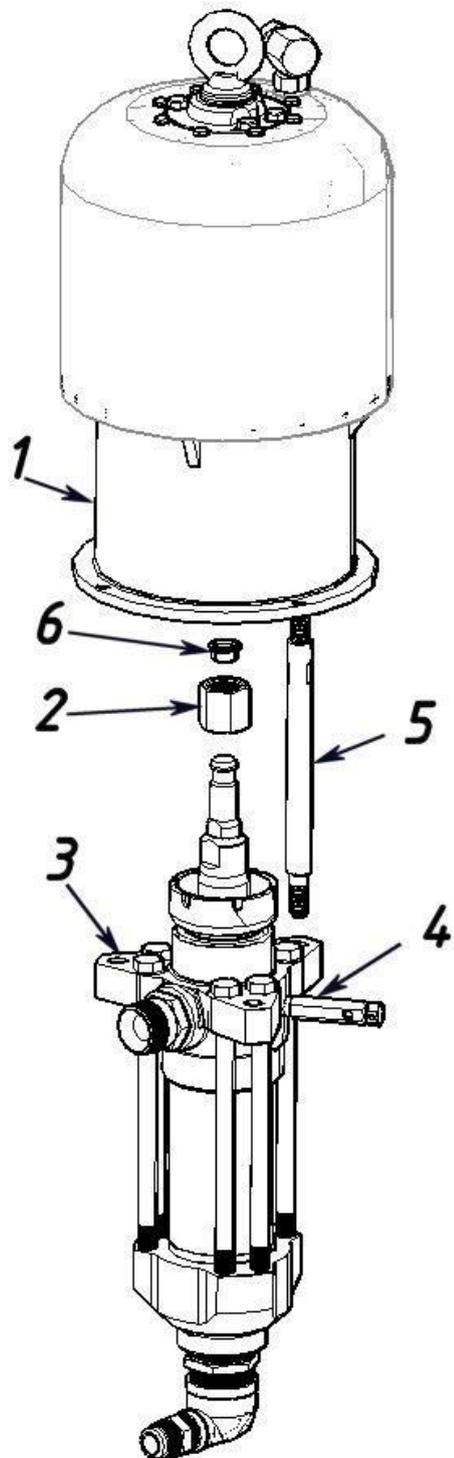
Tel: 82-51-207-8006

Fax: 82-51-207-8831

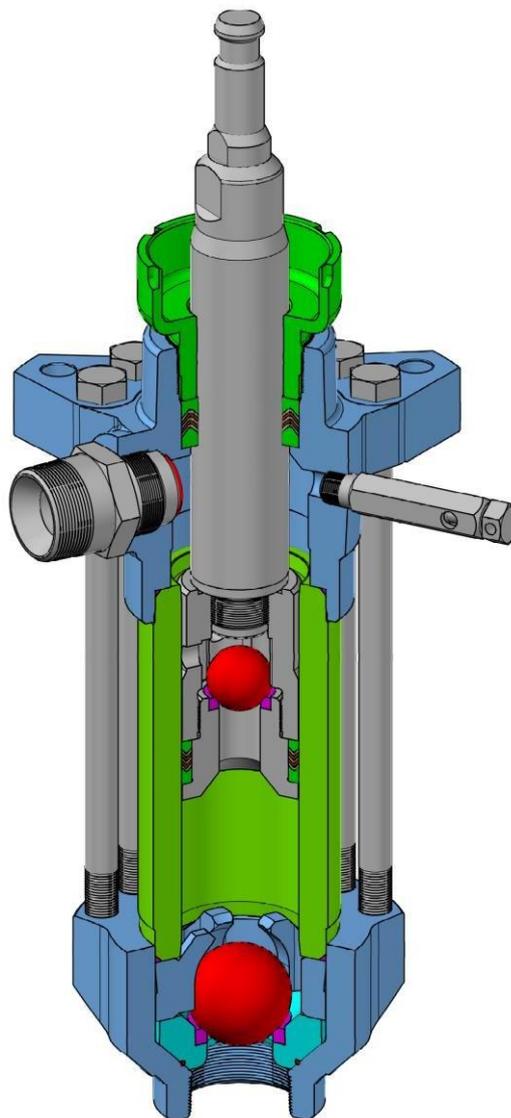
www.dstpump.com

Part Drawing

K254-D180-1 BARE

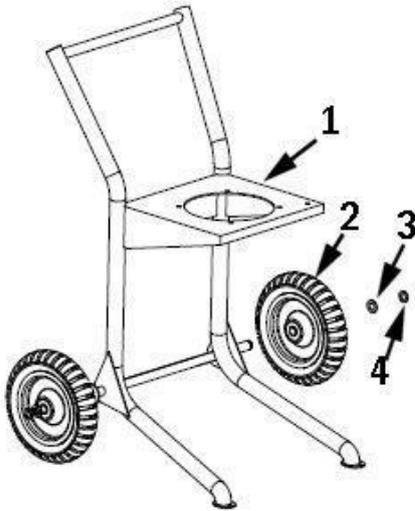


No	D Code	G Code	Description	Qty
1	K254-100		AIR MOTOR	1
2	K451-001	186-925	NUT, coupling	1
3	D180-100		PUMP Displacement	1
4	D254-125	106-166	NUT	3
5	D180-121	190-000	ROD, tie	3
6	K451-002	184-129	COLLAR	2



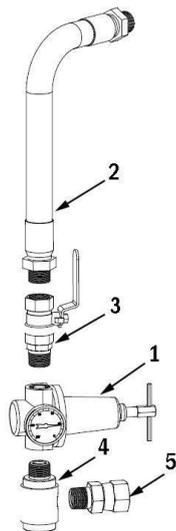
Part Drawing

K254-200 CART



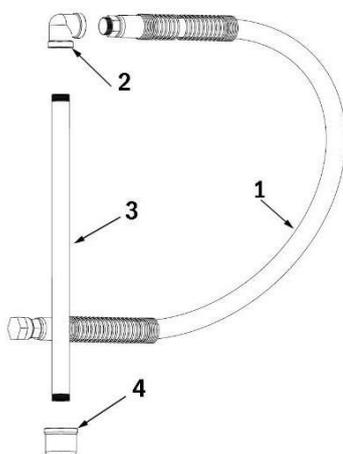
No	D Part No	Description	Qty
1	K254-201	CART	1
2	K254-202	TIRE	2
3	K254-203	WASHER	2
4	K254-204	SNAP RING	2

K254-300 AIR REGULATOR KIT



No	D Part No	Description	Qty
1	K254-301	AIR REGULATOR	1
2	K254-302	AIR HOSE	1
3	K254-303	SHUTOFF VALVE	1
4	K254-304	AIR MANIFOLD	1
5	K254-305	COUPLING	1

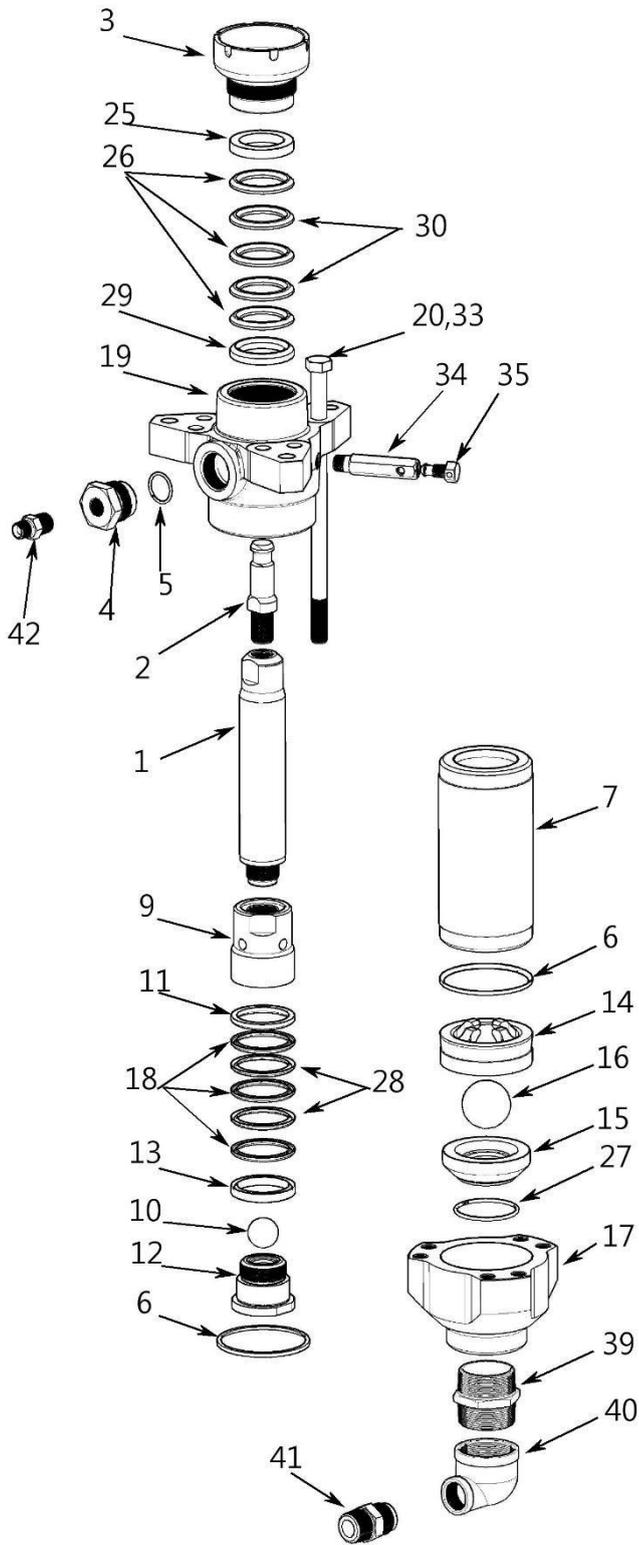
K254-600 SUCTION HOSE ASS'Y



No	D Part	Description	Qty
1	K254-601	SUCTION HOSE	1
2	K254-602	ELBOW	1
3	K254-603	SUCTION TUBE	1
4	K254-604	STRAINER	1

Parts drawing and Parts List

D180-100 PUMP



Note : part marked in color are the spare parts

No	D Code	Description	Qty
1	D180-001	ROD displacement	1
2	D180-002	ROD, JOINT	1
3	D180-003	PACKING NUT	1
4	D180-004	FITTINGH	1
5	D180-005	O-RING, PTFE	1
6	D180-006	SEAL	2
7	D180-007	CYLINDER	1
9	D180-009	GUIDE, ball piston	1
10	D180-010	BALL, piston 1.25"	1
11	D180-011	GLAND,male piston	1
12	D180-012	PISTON	1
13	D180-013	GLAND,female piston	1
14	D180-014	BALL GUIDE,intake	1
15	D180-015	SEAT, intake	1
16	D180-016	BALL, 2"	1
17	D180-017	HOUSING,intake	1
18	D180-018	V-PACKING,UHMWPE piston	3
19	D180-019	HOUSING,outlet	1
20	D180-020	HEX BOLT	6
25	D180-025	GLAND, female throat	1
26	D180-026	V-PACKING, UHMWPE throat	3
27	D180-027	O-RING, PTFE	1
28	D180-028	V-PACKING,leather piston	2
29	D180-029	GLAND male throat	1
30	D180-030	V-PACKING,leather throat	2
33	D180-033	WASHER	6
34	D180-034	HOUSING, valve	1
35	D180-035	PLUG, valve	1
37	D180-037	V-PACKING, PTFE piston	
38	D180-038	V-PACKING, PTFE throat	
39	D180-039	NIPPLE	1
40	D180-040	ELBOW	1
41	D180-041	NIPPLE	1
42	D180-042	NIPPLE	1

REPAIR KIT No: D180-500 (222-848)

With out ball
With 5, 6, 11, 13, 18, 25, 26, 27, 28, 29, 30,

REPAIR KIT No: D180-501 (222-845)

With out ball
With 5, 6, 11, 13, 18, 25, 26, 27, 29, 37, 38,
#28 LEATHER v-packing 3EA
#37 PTFE v-packing 2EA
#30 LEATHER v-packing 3EA
#38 PTFE v-packing 2EA

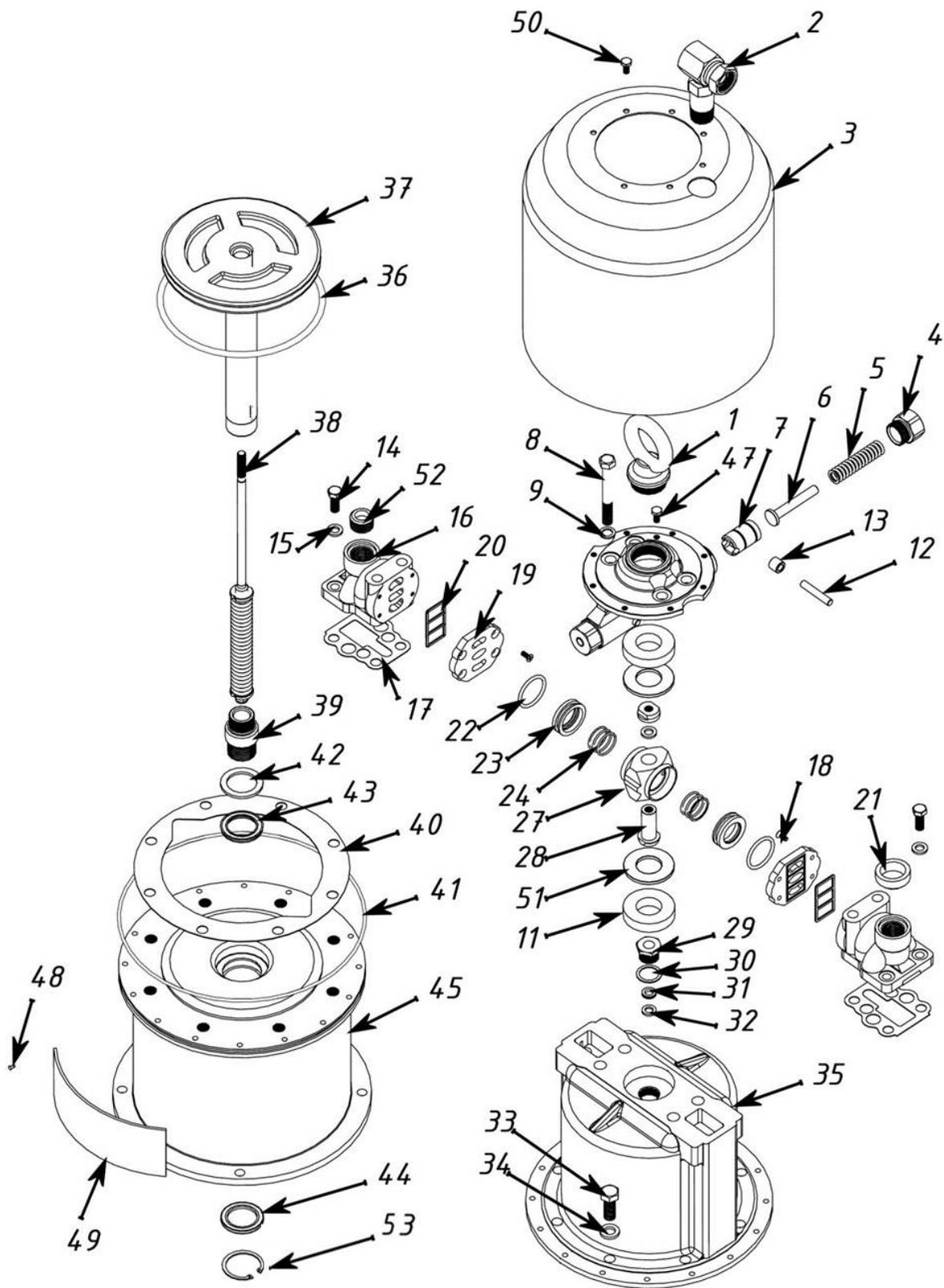
REPAIR KIT No: D180-503

With out ball
With 5, 6, 11, 13, 18, 25, 26, 27, 29, 37, 38,
#37 PTFE v-packing 5EA
#38 PTFE v-packing 5EA

REPAIR KIT No: D180-510

Ball included
With 5, 6, 10, 11, 13, 16, 18, 25, 26, 27, 28, 29, 30,

B178-100 Air Motor Part Drawing



No	D CODE	Description	Qty	No	D CODE	Description	Qty
1	K254-001	LIFT RING	1	27	K254-027	VALVE HOUSING	1
2	K254-002	ADAPTER UNION	1	28	K254-028	HUB	1
3	B178-003	MOTOR SHIELD	1	29	K254-029	BEARING, trip rod	1
4	K254-004	RETAINER	2	30	K254-030	GASKET	1
5	K254-005	SPRING, plunger	2	31	K254-031	BACKUP WASHER	1
6	K254-006	GUIDE	2	32	K254-032	V- PACKING	1
7	K254-007	PLUNGER	2	33	K254-033	HEX BOLT	12
8	K254-008	SCREW	4	34	K254-034	WASHER	12
9	K254-009	LOCK WASHER	4	35	B178-035	MOTOR CYLINDER	1
10	K254-010	HOUSING, detent	1	36	B178-036	O-RING, piston	1
11	K254-011	PAD, rubber	2	37	B178-037	PISTON ASS'Y	1
12	K254-012	AXLE	2	38	K254-038	TRIP ROD ASS'Y	1
13	K254-013	ROLLER	2	39	K254-039	STUD	1
14	K254-014	SCREW	4	40	B178-040	MOTOR GASKET	1
15	K254-015	WASHER	4	41	B178-041	O-RING, base	1
16	K254-016	AIR MANIFOLD	2	42	K254-042	V-PACKING	1
17	K254-017	MANIFOLD GASKET	2	43	K254-043	BACKUP WASHER	1
18	K254-018	SCREW, valve plate	8	44	K254-044	WIPER SEAL	1
19	K254-019	VALVE PLATE	2	45	B178-045	BASE	1
20	K254-020	PLATE SEAL	2	47	K254-047	SCREW	1
21	K254-021	GROMMET	1	48	K254-048	RIVET, name plate	10
22	K254-022	O-RING	2	49	K254-049	NAME PLATE	2
23	K254-023	AIR VALVE	2	50	K254-050	SCREW	8
24	K254-024	SPRING, air valve	2	51	K254-051	THRUST WASHER	2
25	K254-025	NUT, trip rod	2	52	K254-052	PLUG	1
26	K254-026	LOCK WASHER	1	53	K254-053	SNAP RING	1

Note : part marked in color are the spare parts

PART NO 17, 22, 30, 31, 32, 36, 42, 43,
Included in **Repair KIT No B178-500 (206-734)**

REPAIR INSTRUCTIONS

2018.01.09 Rev4

B- type Air Motor & X- type Displacement Sprayer

Part No. B178-X201, 20:1 Ratio X-type Pump (290cc)

2030 psi (140 bar) Maximum Fluid Working Pressure

Part No. B178-X241, 24:1 Ratio X-type Pump (250cc)

2400 psi (165 bar) Maximum Fluid Working Pressure

Part No. B178-X281, 28:1 Ratio X-type Pump (220cc)

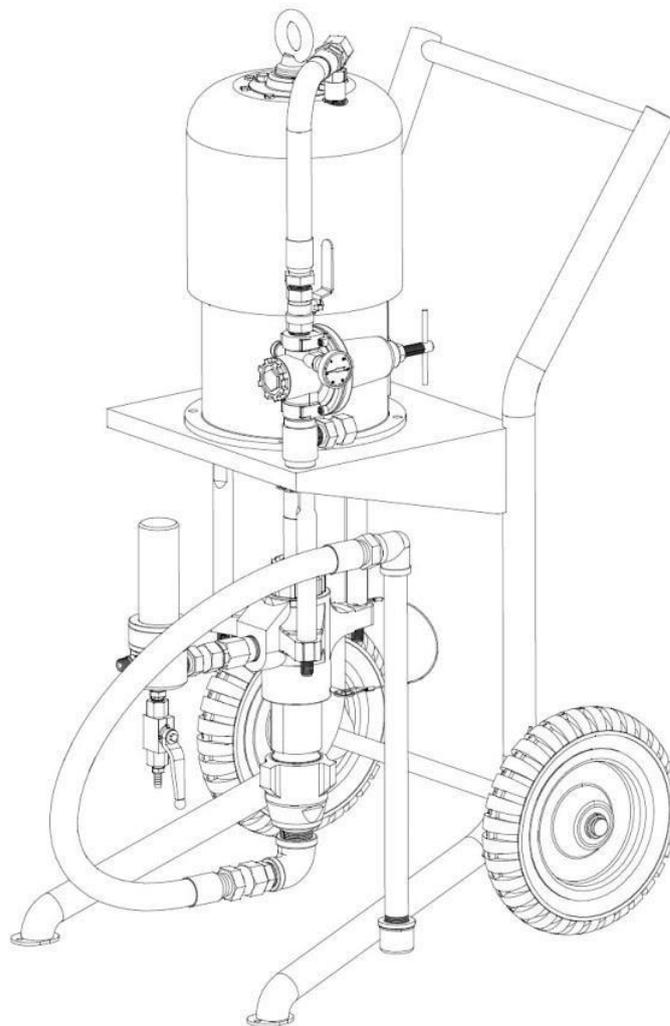
2800 psi (193 bar) Maximum Fluid Working Pressure

Part No. B178-X331, 33:1 Ratio X-type Pump (180cc)

3300 psi (228 bar) Maximum Fluid Working Pressure

Part No. B178-X401, 40:1 Ratio X-type Pump (145cc)

4060 psi (280 bar) Maximum Fluid Working Pressure



DSTech Co., LTD.

#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)

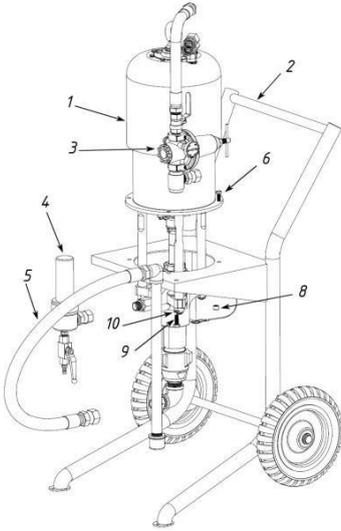
Tel: 82-51-207-8006

Fax: 82-51-207-8831

www.dstpump.com

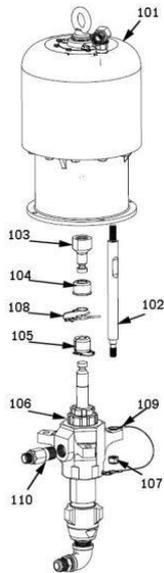


Part Drawing



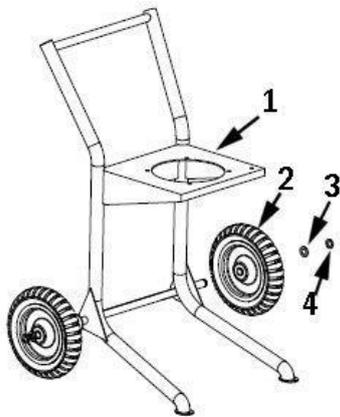
NO	D PART	DESCRIPTION	QTY
1	B178-Xxxx-1	BARE	1
2	K254-200	CART	1
3	K254-300	AIR REGULATOR KIT	1
4	S254-400	FLUID FILTER	1
5	K254-600	SUCTION HOSE ASS'Y	1
6	K254-111	BOLT	4
8	K254-113	NUT	4
9	K254-114	BOLT	1
10	K254-115	WASHER	1

B178-Xxxx-1 BARE



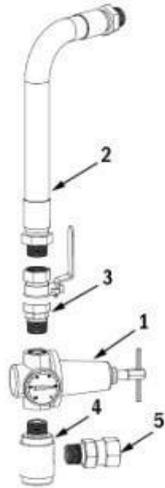
No	D Part No	Description	Qty
101	B178-100	AIR MOTOR	1
102	K254-101	ROD, Tie	3
103	K254-102	ADAPTER	1
104	K254-103	COVER	1
105	K254-104	COUPLING Assembly	1
106	Xxxx-100	PUMP Displacement	1
107	K254-105	NUT	3
108	K254-106	CLIP	1

K254-200 CART



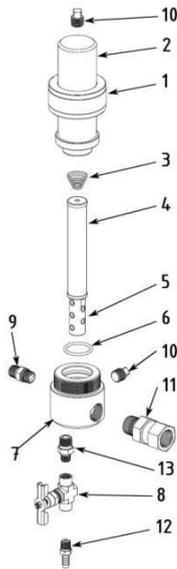
No	D Part No	Description	Qty
1	K254-201	CART	1
2	K254-202	TIRE	2
3	K254-203	WASHER	2
4	K254-204	SNAP RING	2

K254-300 AIR REGULATOR KIT



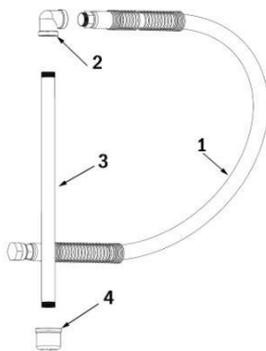
No	D Part No	Description	Qty
1	K254-301	AIR REGULATOR	1
2	K254-302	AIR HOSE	1
3	K254-303	SHUTOFF VALVE	1
4	K254-304	AIR MANIFOLD	1
5	K254-305	COUPLING	1

S254-400 FLUID FILTER



No	D Code	Description	Qty
1	S254-101	RING	1
2	S254-102	BOWL	1
3	S254-103	SPRING	1
4	S254-104	STRAINER #60	1
5	S254-105	SUPPORT	1
6	S254-106	PACKING ,O-ring	1
7	S254-107	MANIFOLD	1
8	S254-108	HAMMER V/V	1
9	S254-109	NPT 3/8\"/>	

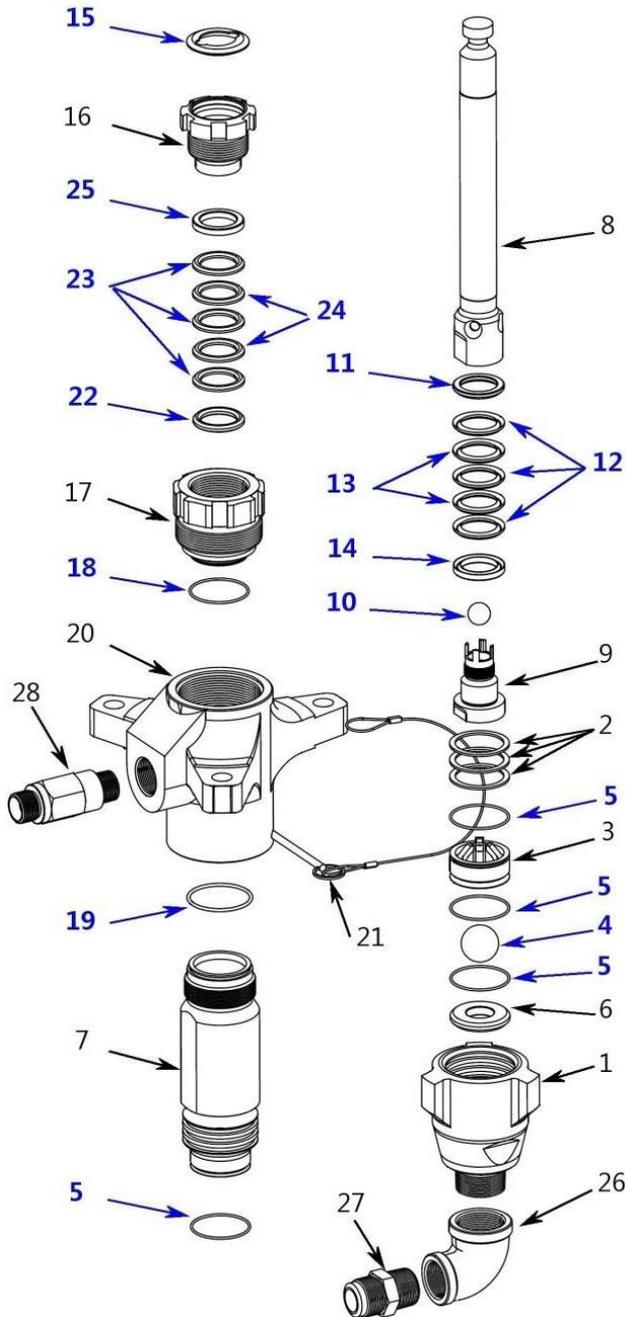
K254-600 SUCTION HOSE ASS'Y



No	D Code	Description	Qty
1	K254-601	SUCTION HOSE	1
2	K254-602	ELBOW	1
3	K254-603	SUCTION TUBE	1
4	K254-604	STRAINER	1

Parts drawing and Parts List

X201-100 PUMP (290cc)



Note : part marked in color are the spare part

No	D CODE	Description	Qty
1	X401-001	HOUSING , Inlet	1
2	X401-002	SHIM	3
3	X401-003	BALL GUIDE	1
4	X401-004	BALL (1 1/2")	1
5	X401-005	PACKING ,O-RING	4
6	X401-006	SEAT	1
7	X401-007	CYLINDER	1
8	X401-008	DISPLACEMENT ROD	1
9	X401-009	PISTON VALVE	1
10	X401-010	BALL (1")	1
11	X401-011	GLAND-M	1
12	X401-012	PACKING-V(UHMWPE)	3
13	X401-013	PCAKING-V(Leather)	2
14	X401-014	GLAND-F	1
15	X401-015	SEAL	1
16	X401-016	PACKING NUT	1
17	X401-017	CARTRIDGE	1
18	X401-018	PACKING, O-RING	1
19	X401-019	PACKING, O-RING	1
20	X401-020	HOUSING	1
21	X401-021	PIN	1
22	X401-022	GLAND-M	1
23	X401-023	PACKING-V(UHMWPE)	3
24	X401-024	PCAKING-V(Leather)	2
25	X401-025	GLAND-F	1
26	X401-026	TUBE	1
27	X401-027	NIPPLE	1
28	X401-028	JOINT NIPPLE	1

REPAIR KIT No : X201-500 (244-854)

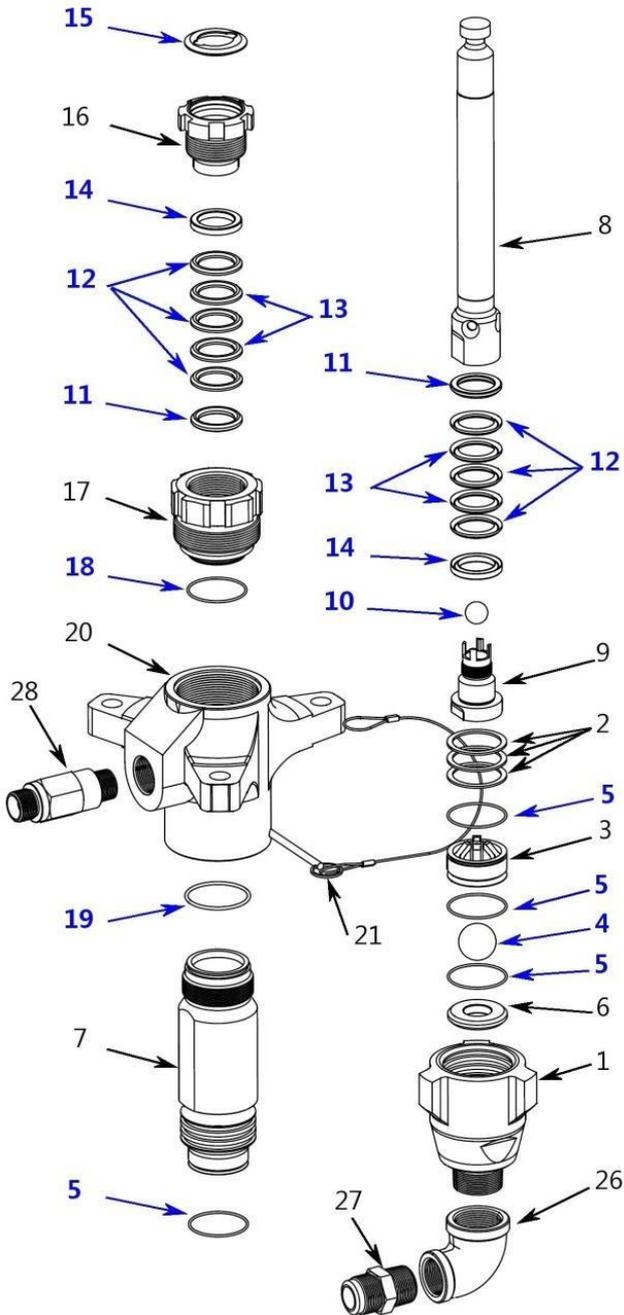
With 4,5,10,11,12,13,14,15,18,19,22,23,24,25

REPAIR KIT No : X201-501 (244-904)

With 4,5,10,11,13,14,15,18,19,22,24,25
 No #13 LEATHER v-packing 5EA
 #24 LEATHER v-packing 5EA

Parts drawing and Parts List

X241-100 PUMP(250cc)



Note : part marked in color are the spare part

No	D Part No	Description	Qty
1	X451-001	HOUSING , Inlet	1
2	X451-002	SHIM	3
3	X451-003	BALL GUIDE	1
4	X451-004	BALL(1 1/2")	1
5	X451-005	PACKING ,O-RING	1
6	X451-006	SEAT	1
7	X451-007	CYLINDER	1
8	X451-008	DISPLACEMENT ROD	1
9	X451-009	PISTON VALVE	1
10	X451-010	BALL(7/8")	1
11	X451-011	GLAND-M	1
12	X451-012	PACKING-V (UHMWPE)	1
13	X451-013	PACKING-V(Leather)	1
14	X451-014	GLAND-F	1
15	X451-015	SEAL	1
16	X451-016	PACKING NUT	1
17	X451-017	CARTRIDGE	1
18	X451-018	PACKING, O-RING	1
19	X451-019	PACKING, O-RING	1
20	X451-020	HOUSING	1
21	X451-021	PIN	1
26	X451-026	TUBE	1
27	X451-027	NIPPLE	1
28	X451-028	JOINT NIPPLE	1

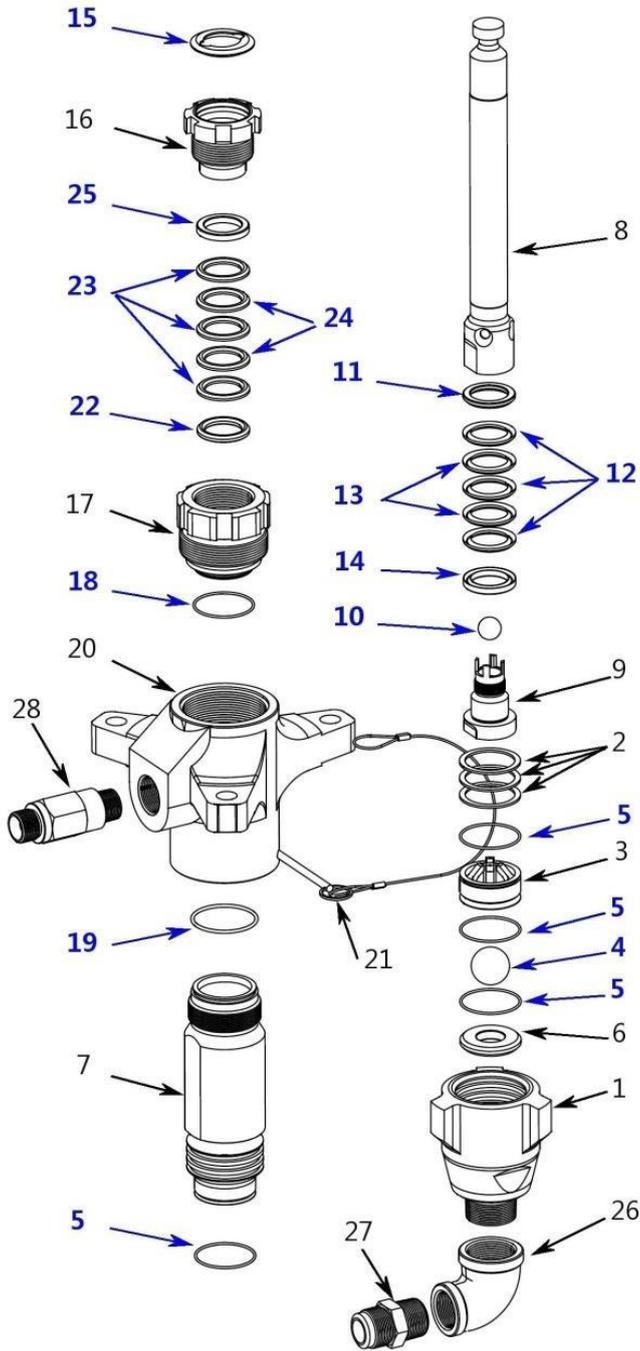
REPAIR KIT No : X241-500 (244-853)
With 4,5,10,11,12,13,14,15,18,19

REPAIR KIT No : X241-501 (244-903)
With 4,5,10,11,13,14,15,18,19
No #13 LEATHER v-packing 10EA

REPAIR KIT No : X241-502 (244-836)
With 4,5,10,11,12,13,14,15,18,19
No #12 UHMWPE v-packing 2EA
#13 LEATHWE v-packing 8EA

Parts drawing and Parts List

X281-100 PUMP(220cc)



Note : part marked in color are the spare part

No	D Part No	Description	Qty
1	X561-001	HOUSING , Inlet	1
2	X561-002	SHIM	3
3	X561-003	BALL GUIDE	1
4	X561-004	BALL(1 1/2")	1
5	X561-005	PACKING ,O-RING	4
6	X561-006	SEAT	1
7	X561-007	CYLINDER	1
8	X561-008	DISPLACEMENT ROD	1
9	X561-009	PISTON VALVE	1
10	X561-010	BALL	1
11	X561-011	GLAND-M	1
12	X561-012	PACKING-V (UHMWPE)	3
13	X561-013	PCAKING-V(Leather)	2
14	X561-014	GLAND-F	1
15	X561-015	SEAL	1
16	X561-016	PACKING NUT	1
17	X561-017	CARTRIDGE	1
18	X561-018	PACKING, O-RING	1
19	X561-019	PACKING, O-RING	1
20	X561-020	HOUSING	1
21	X561-021	PIN	1
22	X561-022	GLAND-M	1
23	X561-023	PACKING-V (UHMWPE)	3
24	X561-024	PCAKING-V(Leather)	2
25	X561-025	GLAND-F	1
26	X561-026	TUBE	1
27	X561-027	NIPPLE	1
28	K561-028	JOINT NIPPLE	1

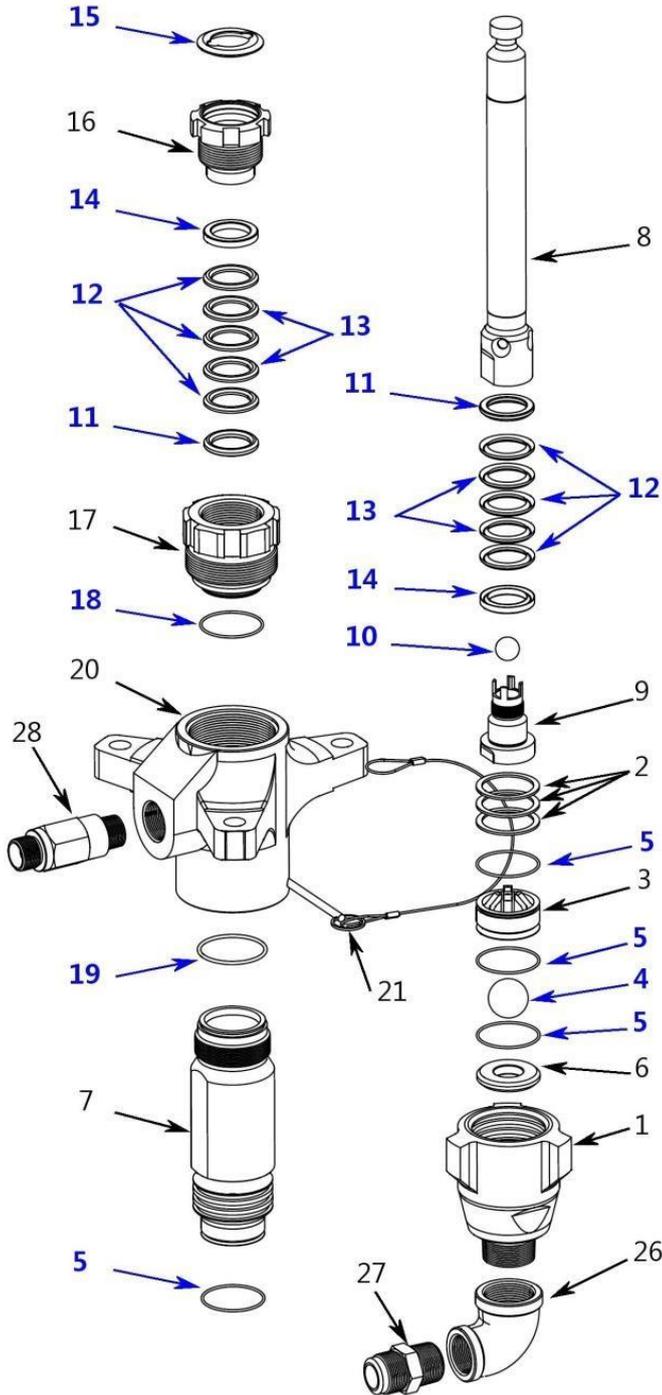
REPAIR KIT No : X281-500 (244-852)
 With 4,5,10,11,12,13,14,15,18,19,22,23,24,25

REPAIR KIT No : X281-501 (244-902)
 With 4,5,10,11,13,14,15,18,19,22,24,25
 No #13 LEATHER v-packing 5EA
 #24 LEATHER v-packing 5EA

REPAIR KIT No : X281-502 (246-835)
 With 4,5,10,11,12,13,14,15,18,19,22,23,24,25
 No #12 UHMWPE v-packing 1EA
 #13 LEATHER v-packing 4EA
 #23 UHMWPE v-packing 1EA
 #24 LEATHER v-packing 4EA

Parts drawing and Parts List

X331-100 PUMP(180cc)



Note : part marked in color are the spare parts

No	D Code	Description	Qty
1	X681-001	HOUSING , Inlet	1
2	X681-002	SHIM	3
3	X681-003	BALL GUIDE	1
4	X681-004	BALL(1 1/4")	1
5	X681-005	PACKING ,O-RING	4
6	X681-006	SEAT	1
7	X681-007	CYLINDER	1
8	X681-008	DISPLACEMENT ROD	1
9	X681-009	PISTON VALVE	1
10	X681-010	BALL(3/4")	1
11	X681-011	GLAND-M	2
12	X681-012	PACKING-V(UHMWPE)	6
13	X681-013	PACKING-V(Leather)	4
14	X681-014	GLAND-F	2
15	X681-015	SEAL	1
16	X681-016	PACKING NUT	1
17	X681-017	CARTRIDGE	1
18	X681-018	PACKING ,O-RING	1
19	X681-019	PACKING ,O-RING	1
20	X681-020	HOUSING	1
21	X681-021	PIN	1
26	X681-026	TUBE	1
27	X681-027	NIPPLE	1
28	X681-028	JOINT NIPPLE	1

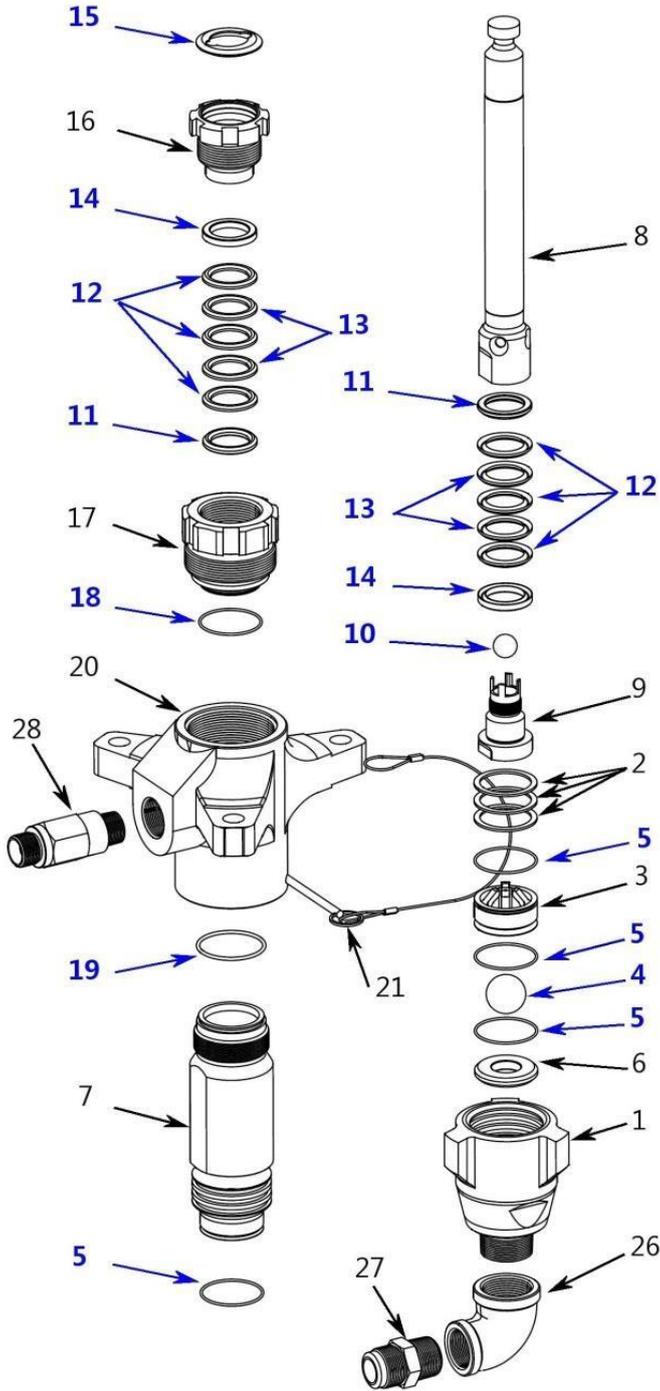
REPAIR KIT No: **X331-500 (244-851)**
With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19

REPAIR KIT No: **X331-501 (244-901)**
With 4, 5, 10, 11, 13, 14, 15, 18, 19
No #13 LEATHER v-packing 10EA

REPAIR KIT No: **X331-502 (246-834)**
With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19
No #12 UHMWPE v-packing 2EA
#13 LEATHER v-packing 8EA

Parts drawing and Parts List

X401-100 PUMP (145cc)



Note : part marked in color are the spare parts

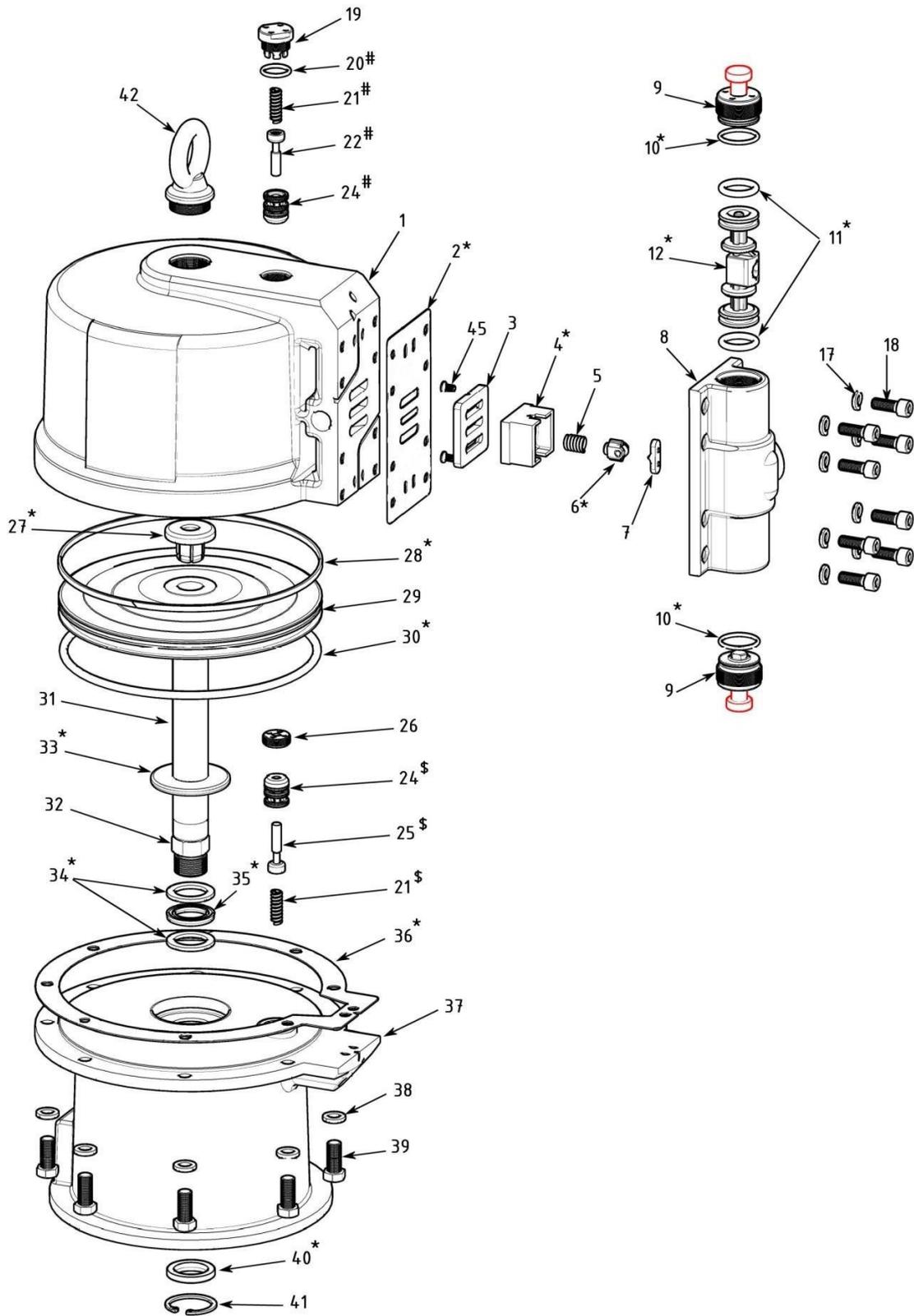
No	D Code	Description	Qty
1	X831-001	HOUSING , Inlet	1
2	X831-002	SHIM	3
3	X831-003	BALL GUIDE	1
4	X831-004	BALL(1 1/4")	1
5	X831-005	PACKING ,O-RING	4
6	X831-006	SEAT	1
7	X831-007	CYLINDER	1
8	X831-008	DISPLACEMENT ROD	1
9	X831-009	PISTON VALVE	1
10	X831-010	BALL(3/4")	1
11	X831-011	GLAND-M	2
12	X831-012	PACKING-V(UHMWPE)	6
13	X831-013	PACKING-V(Leather)	4
14	X831-014	GLAND-F	2
15	X831-015	SEAL	1
16	X831-016	PACKING NUT	1
17	X831-017	CARTRIDGE	1
18	X831-018	PACKING ,O-RING	1
19	X831-019	PACKING ,O-RING	1
20	X831-020	HOUSING	1
21	X831-021	PIN	1
26	X831-026	TUBE	1
27	X831-027	NIPPLE	1
28	X831-028	JOINT NIPPLE	1

REPAIR KIT No: **X401-500 (244-850)**
With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19

REPAIR KIT No: **X401-501 (244-900)**
With 4, 5, 10, 11, 12, 14, 15, 18, 19
No #12 UHMWPE v-packing 10EA

REPAIR KIT No: **X401-502 (246-833)**
With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19
No #12 UHMWPE v-packing 2EA
#13 LEATHER v-packing 8EA

N270-100 Air Motor Part Drawing



Parts

No	D Code	Description	Qty	No	D Code	Description	Qty
1	N270-001	CYLINDER	1	27	N270-027	PISTON PAD	1
2	N270-002	GASKET, piston housing	1	28	N270-028	WEAR RING	1
3	N270-003	VALVE PLATE	1	29	N270-029	PISTON PLATE	1
4	N270-004	PISTON VALVE	1	30	N270-030	SEAL O-RING	1
5	N270-005	SPRING, roller	1	31	N270-031	PISTON PIPE	1
6	N270-006	ROLLER ASS'Y	1	32	N270-032	STUD	1
7	N270-007	BLOCK	1	33	N270-033	PAD, base	1
8	N270-008	PISTON VALVE HOUSING	1	34	N270-034	GASKET, base	2
9	N270-009	HOUSING PLUG ASS'Y	2	35	N270-035	U-PACKING, base	1
10	N270-010	O-RING, housing plug	2	36	N270-036	MOTOR GASKET	1
11	N270-011	O-RING, piston	2	37	N270-037	BASE	1
12	N270-012	PISTON VALVE	1	38	N270-038	SPRING WASHER	8
17	N270-017	SPRING WASHER	8	39	N270-039	BOLT	8
18	N270-018	BOLT, piston housing	8	40	N270-040	SEAL	1
19	N270-019	VALVE CAP	1	41	N270-041	SNAP RING	1
20	N270-020	O-RING, valve cap	1	42	N270-042	HOOK	1
21	N270-021	SPRING, check valve	2	43	N270-043	NAME PLATE	2
22	N270-022	STEM, upper check valve	1	44	N270-044	RIVET, name plate	10
24	N270-024	CHECK VALVE HOUSING ASS'Y	2	45	N270-045	SCREW	2
25	N270-025	STEM, lower check valve	1	46	N270-046	GASKET, block	1
26	N270-026	STEM SCREW	1	47	M270-047	BOLT, block	1

Note : part marked in color are the spare parts

PART NO 2, 4, 6, 10, 11, 12, 27, 28, 30, 33, 34, 35, 40,

Included in AIRMOTOR

Repair KIT No N270-500

PART NO 20, 21(1), 22, 24(1)

Included in UPPER CHECK VALVE Repair KIT No N270-501

PART NO 21(1), 24(1), 25

Included in LOWER CHECK VALVE Repair KIT No N270-502

REPAIR INSTRUCTIONS

2018.05.09Rev14

PAT NO. 10-1310083, 10-1449968, 30-0733086, 30-0735073, 10-2014-0047957, 30-2014-0015351
30-2014-0047452

N270 type Air Motor & X- type Displacement Sprayer

Part No.N270-N471, 47:1 Ratio X-type Pump (311cc)

4786 psi (330 bar) Maximum Fluid Working Pressure

Part No.N270-N551, 55:1 Ratio X-type Pump (270cc)

5511psi (380 bar) Maximum Fluid Working Pressure

Part No.N270-N631, 63:1 Ratio X-type Pump (233cc)

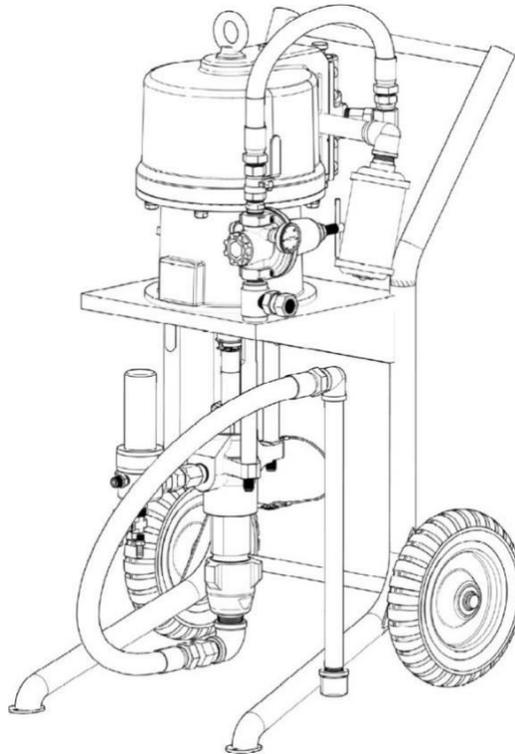
6381 psi (440 bar) Maximum Fluid Working Pressure

Part No.N270-N751, 75:1 Ratio X-type Pump (195cc)

7686 psi (530 bar) Maximum Fluid Working Pressure

Part No.N270-N951, 95:1 Ratio X-type Pump (155cc)

9572 psi (660 bar) Maximum Fluid Working Pressure



DSTech Co., LTD.

#1461-2, Songjung-dong, Gangseo-gu,

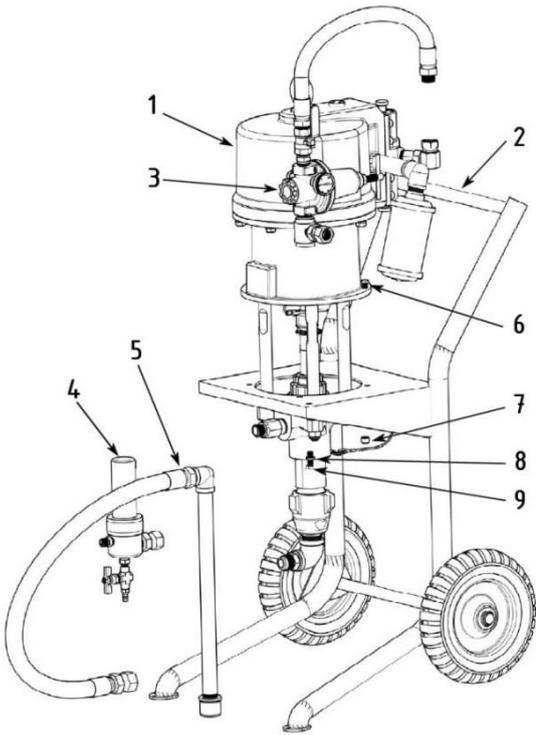
Busan, Korea (618-817)

Tel: 82-51-207-8006

Fax: 82-51-207-8831

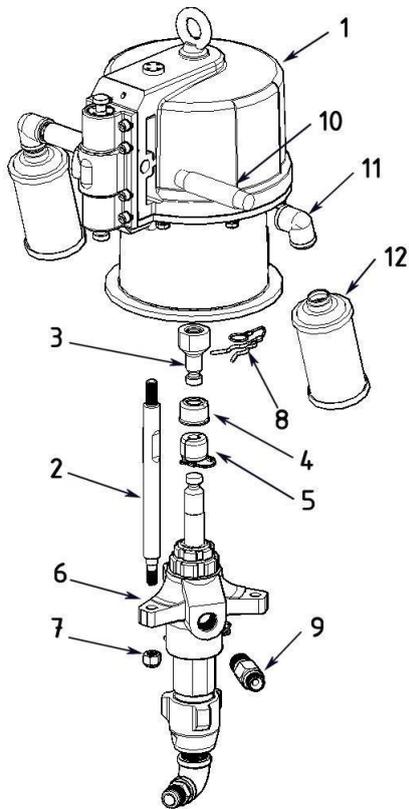
www.dstpump.com

Parts drawing and Parts List



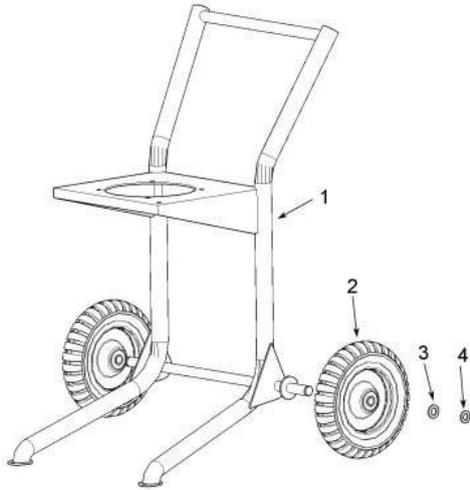
NO	D Code	DESCRIPTION	Qty
1	N270-Nxxx-1	BARE	1
2	K254-200	CART	1
3	N270-300	AIR REGULATOR KIT	1
4	S254-400	FLUID FILTER	1
5	K254-600	SUCTION HOSE ASS'Y	1
6	K254-111	BOLT	4
7	K254-113	NUT	4
8	K254-115	WASHER	1
9	K254-114	BOLT	1

N270-Nxxx-1BARE



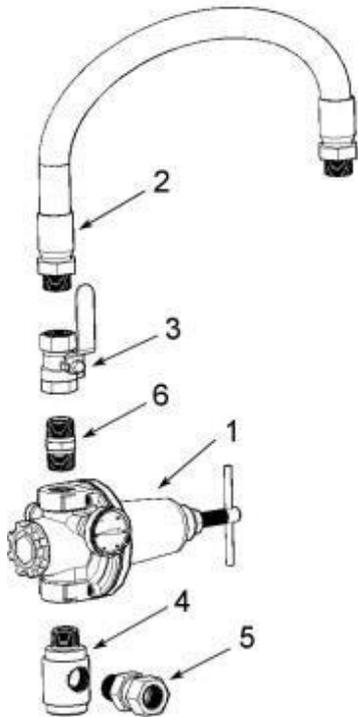
No	D Code	Description	Qty
1	N270-100	AIR MOTOR	1
2	K254-101	ROD, Tie	3
3	K254-102	ADAPTER	1
4	K254-103	COVER	1
5	K254-104	COUPLING Assembly	1
6	Nxxx-100	PUMP Displacement	1
7	K254-105	NUT	3
8	K254-106	CLIP	1
9	X681-028	NIPPLE	1
10	N270-101	PIPE	2
11	N270-102	ELBOW	2
12	N270-103	MUFFLER	2

K254-200 CART



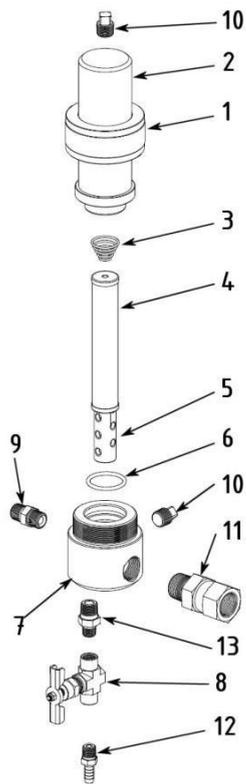
No	D Code	Description	Qty
1	K254-201	CART	1
2	K254-202	TIRE	2
3	K254-203	WASHER	2
4	K254-204	SNAP RING	2

N270-300 AIR REGULATOR KIT



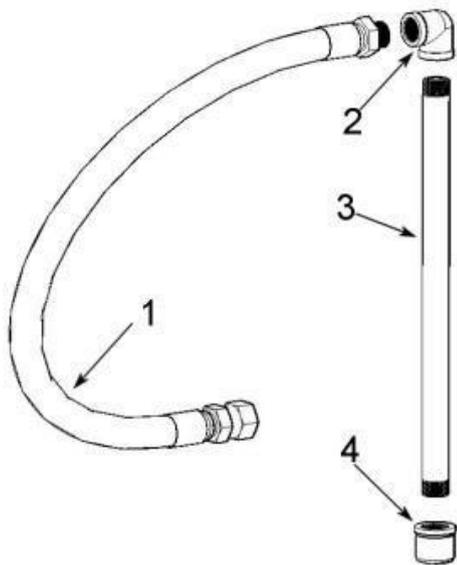
No	D Code	Description	Qty
1	K254-301	AIR REGULATOR	1
2	N270-302	AIR HOSE	1
3	K254-303	SHUTOFF VALVE	1
4	K254-304	AIR MANIFOLD	1
5	K254-305	COUPLING	1
6	K254-306	NIPPLE	1

S254-400 FLUID FILTER



No	D Code	Description	Qty
1	S254-101	RING	1
2	S254-102	BOWL	1
3	S254-103	SPRING	1
4	S254-104	STRAINER #60	1
5	S254-105	SUPPORT	1
6	S254-106	PACKING ,O-ring	1
7	S254-107	MANIFOLD	1
8	S254-108	HAMMER V/V	1
9	S254-109	NIPPLE	1
10	S254-110	PLUG	2
11	S254-111	UNION	1
12	S254-112	NIPPLE	1
13	S254-113	NIPPLE	1

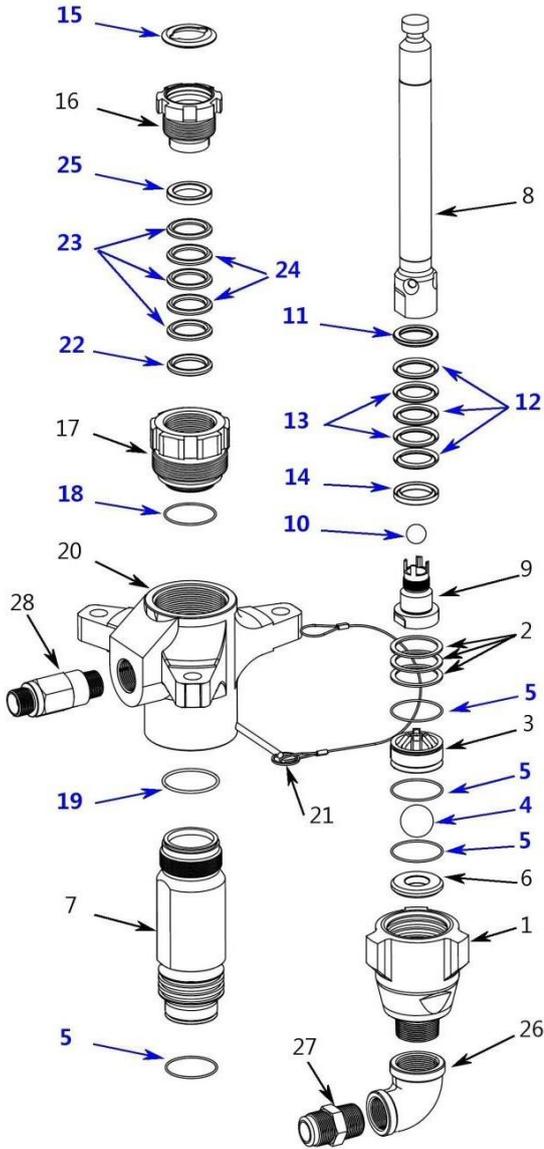
K254-600 SUCTION HOSE ASS'Y



No	D Code	Description	Qty
1	K254-601	SUCTION HOSE	1
2	K254-602	ELBOW	1
3	K254-603	SUCTION TUBE	1
4	K254-604	STRAINER	1

Parts Drawing and Parts List

N471-100 PUMP (311cc)



Note : part marked in color are the spare part

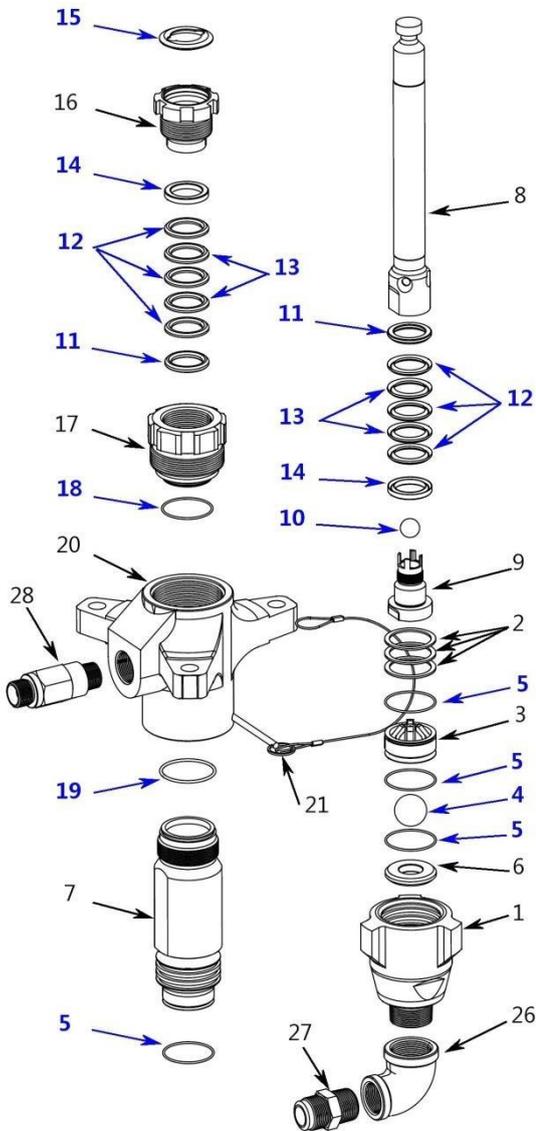
No	D CODE	G CODE	Description	Qty
1	N471-001	197-304	HOUSING , Inlet	1
2	N471-002	244-856	SHIM	3
3	N471-003	197-308	BALL GUIDE	1
4	N471-004	253-030	BALL(1 1/2")	1
5	N471-005	244-894	PACKING ,O-RING	4
6	N471-006	197-344	SEAT	1
7	N471-007	197-319	CYLINDER	1
8	N471-008	197-324	DISPLACEMENT ROD	1
9	N471-009	197-313	PISTON VALVE	1
10	N471-010	244-899	BALL (1")	1
11	N471-011	244-886	GLAND-M	1
12	N471-012	244-868	PACKING-V (UHMWPE)	3
13	N471-013	244-874	PCAKING-V(Leather)	2
14	N471-014	244-880	GLAND-F	1
15	N471-015	244-999	SEAL	1
16	N471-016	197-331	PACKING NUT	1
17	N471-017	197-327	CARTRIDGE	1
18	N471-018	244-891	PACKING, O-RING	1
19	N471-019	244-893	PACKING, O-RING	1
20	N471-020	197-335	HOUSING	1
21	N471-021	244-826	PIN	1
22	N471-022	244-885	GLAND-M	1
23	N471-023	244-867	PACKING-V (UHMWPE)	3
24	N471-024	244-873	PCAKING-V(Leather)	2
25	N471-025	244-879	GLAND-F	1
26	N471-026		TUBE	1
27	N471-027		NIPPLE	1
28	N471-028		JOINT NIPPLE	1

REPAIR KIT No : N471-500 (244-854)
With 4,5,10,11,12,13,14,15,18,19,22,23,24,25

REPAIR KIT No : N471-501 (244-904)
With 4,5,10,11,13,14,15,18,19,22,24,25
No #13 LEATHER v-packing 5EA
#24 LEATHER v-packing 5EA

Parts drawing and Parts List

N551-100 PUMP (270cc)



Note : part marked in color are the spare part

No	D CODE	G CODE	Description	Qty
1	N551-001	197-304	HOUSING , Inlet	1
2	N551-002	244-856	SHIM	3
3	N551-003	197-308	BALL GUIDE	1
4	N551-004	253-030	BALL(1 1/2")	1
5	N551-005	244-894	PACKING ,O-RING	4
6	N551-006	197-344	SEAT	1
7	N551-007	197-318	CYLINDER	1
8	N551-008	197-323	DISPLACEMENT ROD	1
9	N551-009	197-312	PISTON VALVE	1
10	N551-010	244-898	BALL(7/8")	1
11	N551-011	245-232	GLAND-M	2
12	N551-012	245-229	PACKING-V (UHMWPE)	6
13	N551-013	245-230	PCAKING-V(Leather)	4
14	N551-014	245-233	GLAND-F	2
15	N551-015	244-999	SEAL	1
16	N551-016	197-331	PACKING NUT	1
17	N551-017	197-328	CARTRIDGE	1
18	N551-018	244-891	PACKING, O-RING	1
19	N551-019	244-893	PACKING, O-RING	1
20	N551-020	197-335	HOUSING	1
21	N551-021	244-826	PIN	1
26	N551-026		TUBE	1
27	N551-027		NIPPLE	1
28	N551-028		JOINT NIPPLE	1

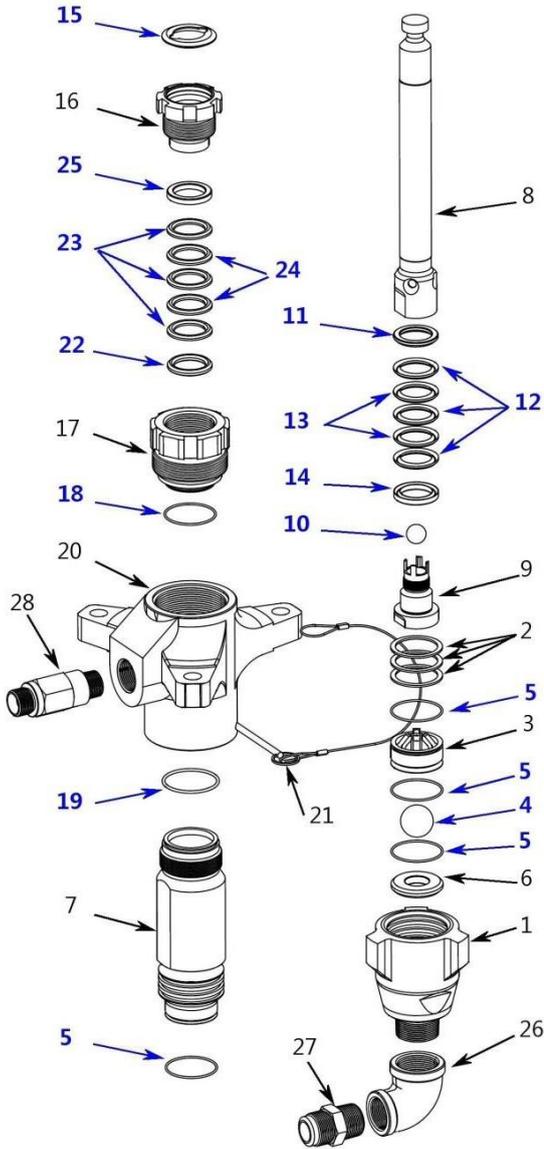
REPAIR KIT No : N551-500 (244-853)
With 4,5,10,11,12,13,14,15,18,19

REPAIR KIT No : N551-501 (244-903)
With 4,5,10,11,13,14,15,18,19
No #13 LEATHER v-packing 10EA

REPAIR KIT No : N551-502 (244-836)
With 4,5,10,11,12,13,14,15,18,19
No #12 UHMWPE v-packing 2EA
#13 LEATHWE v-packing 8EA

Parts drawing and Parts List

N631-100 PUMP (233cc)



Note : part marked in color are the spare part

No	D CODE	G CODE	Description	Qty
1	N631-001	197-304	HOUSING , Inlet	1
2	N631-002	244-856	SHIM	3
3	N631-003	197-308	BALL GUIDE	1
4	N631-004	253-030	BALL(1 1/2")	1
5	N631-005	244-894	PACKING ,O-RING	4
6	N631-006	197-344	SEAT	1
7	N631-007	197-317	CYLINDER	1
8	N631-008	197-322	DISPLACEMENT ROD	1
9	N631-009	197-311	PISTON VALVE	1
10	N631-010	244-898	BALL (7/8")	1
11	N631-011	244-884	GLAND-M	1
12	N631-012	244-860	PACKING-V (UHMWPE)	3
13	N631-013	244-872	PCAKING-V(Leather)	2
14	N631-014	244-878	GLAND-F	1
15	N631-015	244-999	SEAL	1
16	N631-016	197-331	PACKING NUT	1
17	N631-017	197-327	CARTRIDGE	1
18	N631-018	244-891	PACKING, O-RING	1
19	N631-019	244-893	PACKING, O-RING	1
20	N631-020	197-335	HOUSING	1
21	N631-021	244-826	PIN	1
22	N631-022	244-883	GLAND-M	1
23	N631-023	244-859	PACKING-V (UHMWPE)	3
24	N631-024	244-871	PCAKING-V(Leather)	2
25	N631-025	244-877	GLAND-F	1
26	N631-026		TUBE	1
27	N631-027		NIPPLE	1
28	N631-028		JOINT NIPPLE	1

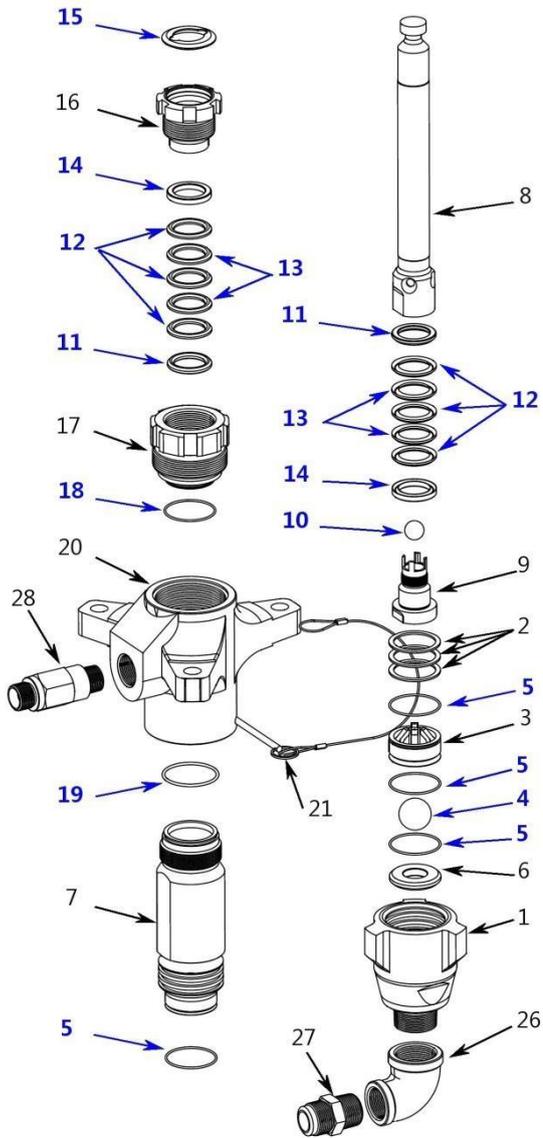
REPAIR KIT No : N631-500 (244-852)
With 4,5,10,11,12,13,14,15,18,19,22,23,24,25

REPAIR KIT No : N631-501 (244-902)
With 4,5,10,11,13,14,15,18,19,22,24,25
No #13 LEATHER v-packing 5EA
#24 LEATHER v-packing 5EA

REPAIR KIT No : N631-502 (246-835)
With 4,5,10,11,12,13,14,15,18,19,22,23,24,25
No #12 UHMWPE v-packing 1EA
#13 LEATHER v-packing 4EA
#23 UHMWPE v-packing 1EA
#24 LEATHER v-packing 4EA

Parts drawing and Parts List

N751-100 PUMP (195cc)



Note : part marked in color are the spare parts

No	D Code	G Code	Description	Qty
1	N751-001	197-303	HOUSING , Inlet	1
2	N751-002	244-855	SHIM	3
3	N751-003	197-307	BALL GUIDE	1
4	N751-004	253-031	BALL(1 1/4")	1
5	N751-005	244-890	PACKING ,O-RING	4
6	N751-006	196-358	SEAT	1
7	N751-007	197-316	CYLINDER	1
8	N751-008	197-321	DISPLACEMENT ROD	1
9	N751-009	197-310	PISTON VALVE	1
10	N751-010	253-029	BALL(3/4")	1
11	N751-011	244-882	GLAND-M	2
12	N751-012	244-864	PACKING-V(UHMWPE)	6
13	N751-013	244-870	PACKING-V(Leather)	4
14	N751-014	244-876	GLAND-F	2
15	N751-015	244-996	SEAL	1
16	N751-016	197-330	PACKING NUT	1
17	N751-017	197-326	CARTRIDGE	1
18	N751-018	244-890	PACKING, O-RING	1
19	N751-019	244-892	PACKING, O-RING	1
20	N751-020	197-334	HOUSING	1
21	N751-021	244-826	PIN	1
26	N751-026		TUBE	1
27	N751-027		NIPPLE	1
28	N751-028		JOINT NIPPLE	1

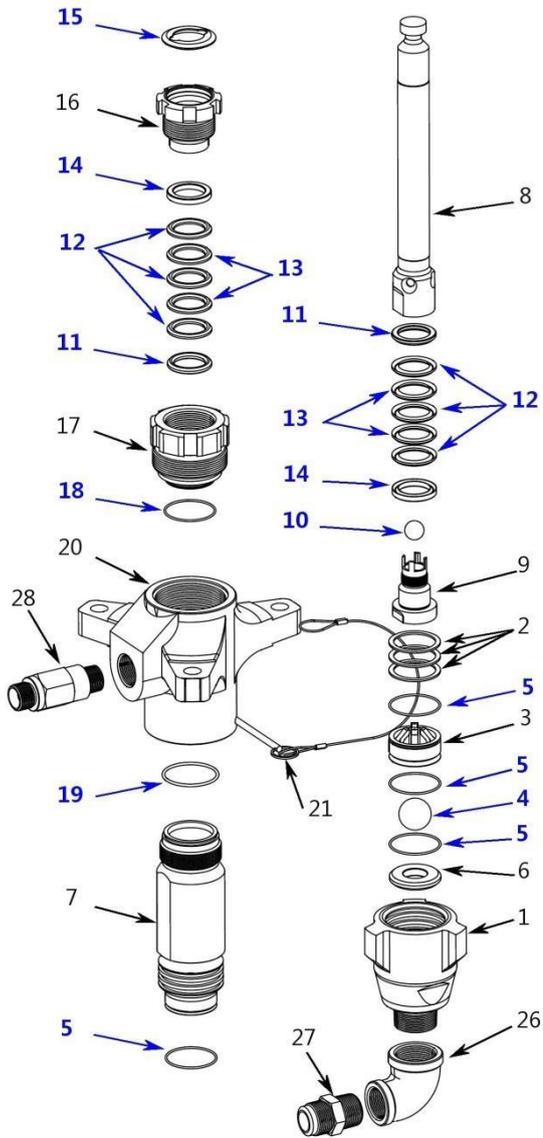
REPAIR KIT No: N751-500 (244-851)
With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19

REPAIR KIT No: N751-501 (244-901)
With 4, 5, 10, 11, 13, 14, 15, 18, 19
No #13 LEATHER v-packing 10EA

REPAIR KIT No: N751-502 (246-834)
With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19
No #12 UHMWPE v-packing 2EA
#13 LEATHER v-packing 8EA

Parts drawing and Parts List

N951-100 PUMP (155cc)



Note : part marked in color are the spare parts

No	D Code	G Code	Description	Qty
1	N951-001	197-303	HOUSING , Inlet	1
2	N951-002	244-855	SHIM	3
3	N951-003	197-307	BALL GUIDE	1
4	N951-004	253-031	BALL(1 1/4")	1
5	N951-005	244-890	PACKING ,O-RING	4
6	N951-006	196-358	SEAT	1
7	N951-007	197-315	CYLINDER	1
8	N951-008	197-320	DISPLACEMENT ROD	1
9	N951-009	197-309	PISTON VALVE	1
10	N951-010	253-029	BALL(3/4")	1
11	N951-011	244-881	GLAND-M	2
12	N951-012	244-863	PACKING-V(UHMWPE)	6
13	N951-013	244-869	PCAKING-V(Leather)	4
14	N951-014	244-875	GLAND-F	2
15	N951-015	244-996	SEAL	1
16	N951-016	197-330	PACKING NUT	1
17	N951-017	197-325	CARTRIDGE	1
18	N951-018	244-890	PACKING, O-RING	1
19	N951-019	244-892	PACKING, O-RING	1
20	N951-020	197-334	HOUSING	1
21	N951-021	244-826	PIN	1
26	N951-026		TUBE	1
27	N951-027		NIPPLE	1
28	N951-028		JOINT NIPPLE	1

REPAIR KIT No: N951-500 (244-850)
With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19

REPAIR KIT No: N951-501 (244-900)
With 4, 5, 10, 11, 12, 14, 15, 18, 19
No #12UHMWPE v-packing 10EA

REPAIR KIT No: N951-502 (246-833)
With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19
No #12 UHMWPE v-packing 2EA
#13 LEATHER v-packing 8EA

REPAIR INSTRUCTIONS

2014.12.18 REV 1

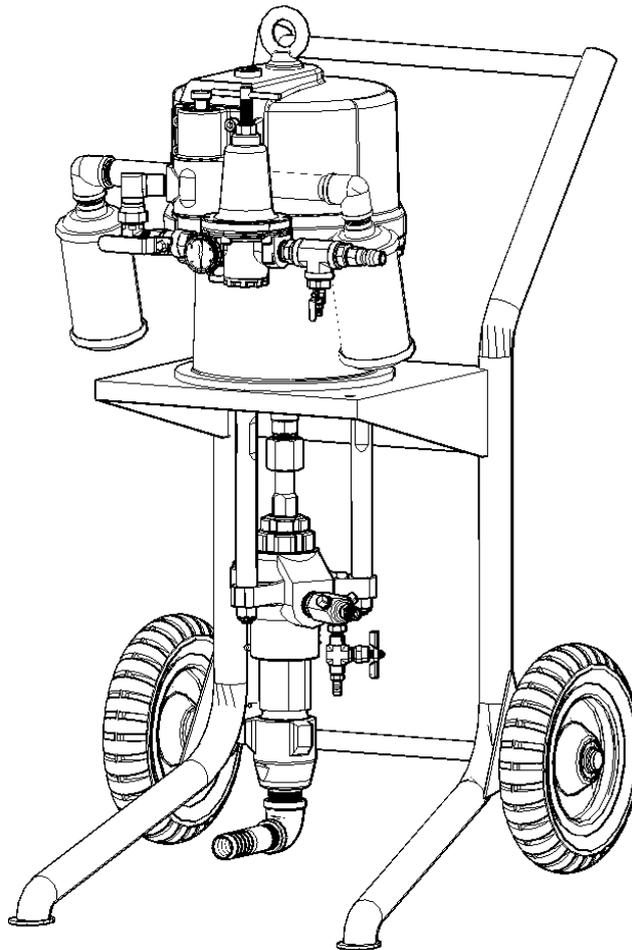
A PATENT APPLICATION

PAT NO. 10-1310083, 10-1449968, 30-0733086, 30-0735073, 10-2014-0047957, 30-2014-0015351
30-2014-0047452

N270 type Air Motor & X- type Displacement Sprayer

Part No.N270-S751, 75:1 Ratio X-type Pump (195cc)

7686 psi (530 bar) Maximum Fluid Working Pressure



DSTech Co., LTD.

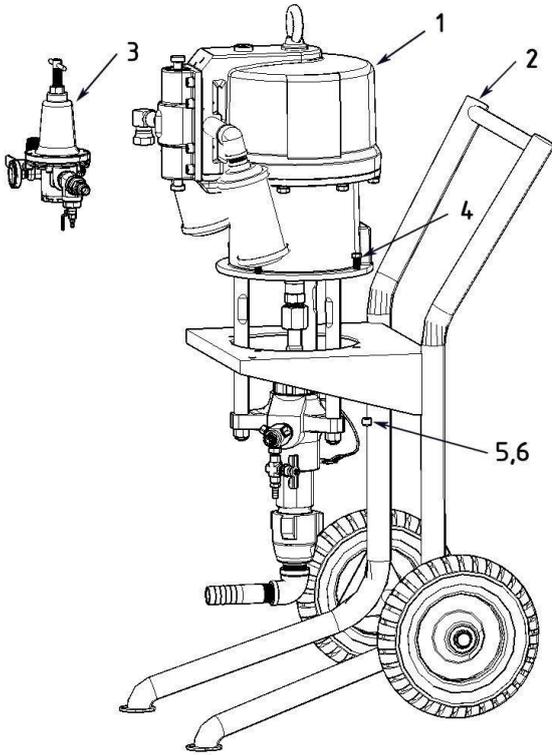
**#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)**

Tel: 82-51-207-8006

Fax: 82-51-207-8831

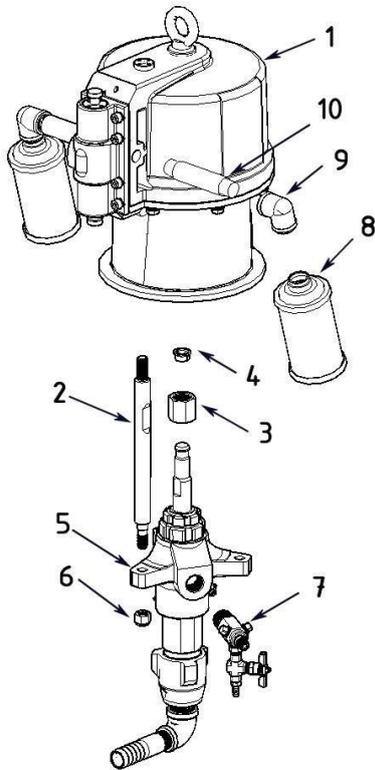
www.dstpump.com

Part Drawing



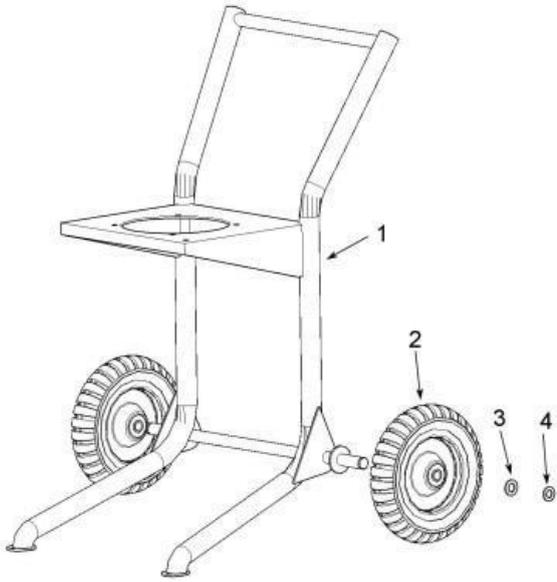
NO	D PART	DESCRIPTION	QTY
1	N270-100	PUMP	1
2	N270-200	CART	1
3	N270-300	AIR REGULATOR KIT	1
4	K254-111	BOLT	4
5	K254-113	NUT	4
6	K254-115	WASHER	1

Nxxx-100 BARE PART



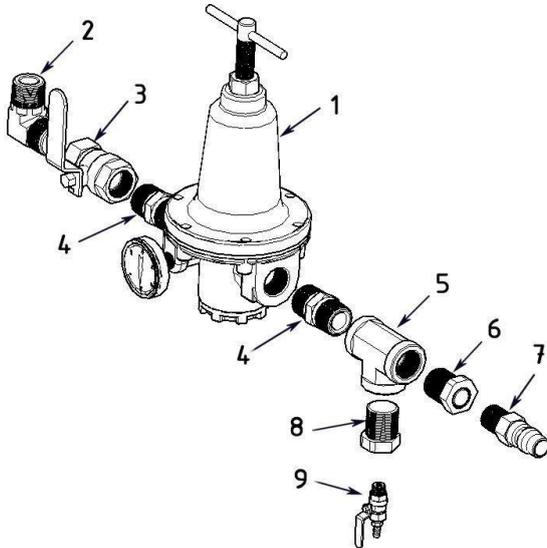
No	D Part No	Description	Qty
1	N270-100	AIR MOTOR	1
2	K254-101	ROD, Tie	3
3	K451-001	NUT, coupling	1
4	K451-002	COLLER	2
5	Nxxx-100	PUMP Displacement	1
6	K254-105	NUT	3
7	N270-107	NIPPLE	1
8	N270-103	MUFFLER	2
9	N270-102	ELBOW	2
10	N270-101	PIPE	2

N270-200 PART



No	D Part	Description	Qty
1	N270-201K	CART	1
2	K254-202	TIRE	2
3	K254-203	WASHER	2
4	K254-204	SNAP RING	2

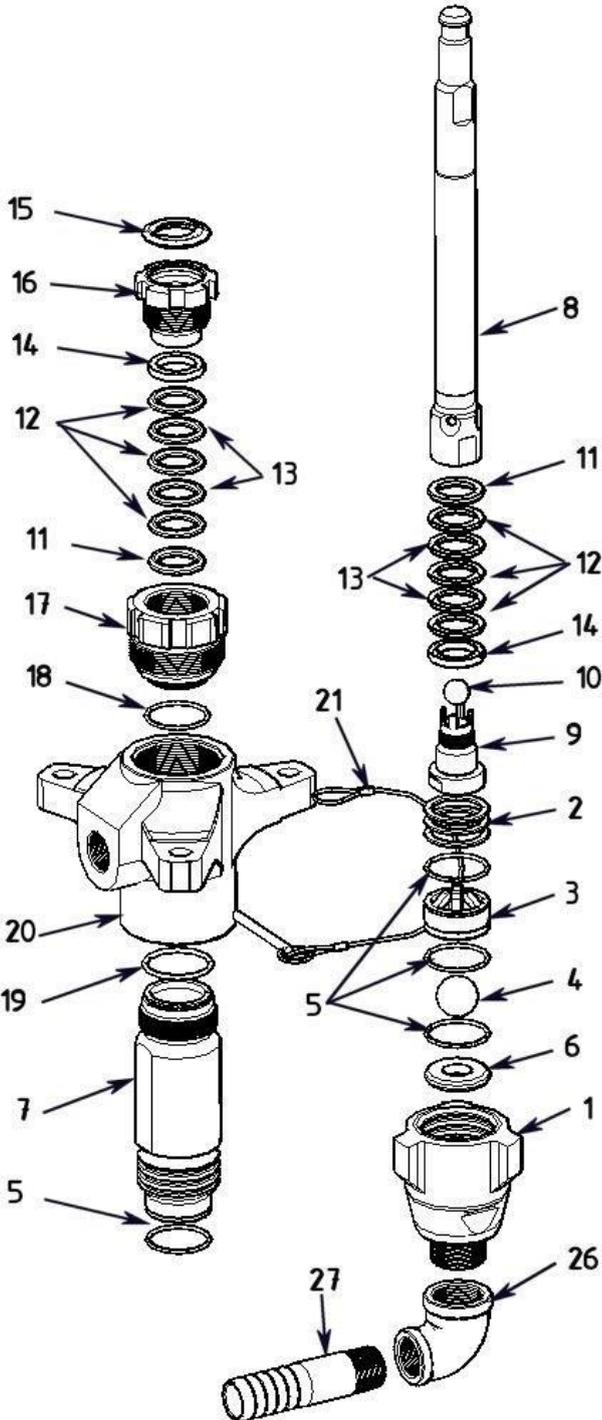
N270-300 Part



No	D Part	Description	Qty
1	K254-301	AIR REGULATOR	1
2	N270-111	ELBOW	1
3	K254-303	VALVE	1
4	K254-306	NIPPLE	2
5	N270-112	TEE	1
6	N270-113	PLUG	1
7	N270-114	AIR COUPLER	1
8	N270-115	PLUG	1
9	N270-116	VALVE	1

Parts drawing and Parts List

S751-100 PUMP (195cc)



Note : part marked in color are the spare parts

No	D Code	Description	Qty
1	N751-001	HOUSING , Inlet	1
2	N751-002	SHIM	3
3	N751-003	BALL GUIDE	1
4	N751-004	BALL(1 1/4")	1
5	N751-005	PACKING ,O-RING	4
6	N751-006	SEAT	1
7	N751-007	CYLINDER	1
8	S751-008	DISPLACEMENT ROD	1
9	N751-009	PISTON VALVE	1
10	N751-010	BALL(3/4")	1
11	N751-011	GLAND-M	2
12	N751-012	PACKING-V(UHMWPE)	6
13	N751-013	PCAKING-V(Leather)	4
14	N751-014	GLAND-F	2
15	N751-015	SEAL	1
16	N751-016	PACKING NUT	1
17	N751-017	CARTRIDGE	1
18	N751-018	PACKING ,O-RING	1
19	N751-019	PACKING ,O-RING	1
20	N751-020	HOUSING	1
21	N751-021	PIN	1
26	N751-026	TUBE	1
27	N751-027-1	NIPPLE	1

REPAIR KIT No: **N751-500 (244-851)** With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19

REPAIR KIT No: **N751-501 (244-901)** With 4, 5, 10, 11, 13, 14, 15, 18, 19
No #13 LEATHER v-packing 10EA

REPAIR KIT No: **N751-502 (246-834)** With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19
No #12 UHMWPE v-packing 2EA
#13 LEATHER v-packing 8EA

REPAIR INSTRUCTIONS

2018.05.09 Rev8

PAT NO. 10-1310083, 10-1449968, 30-0733086, 30-0735073, 10-2014-0047957, 30-2014-0015351
30-2014-0047452

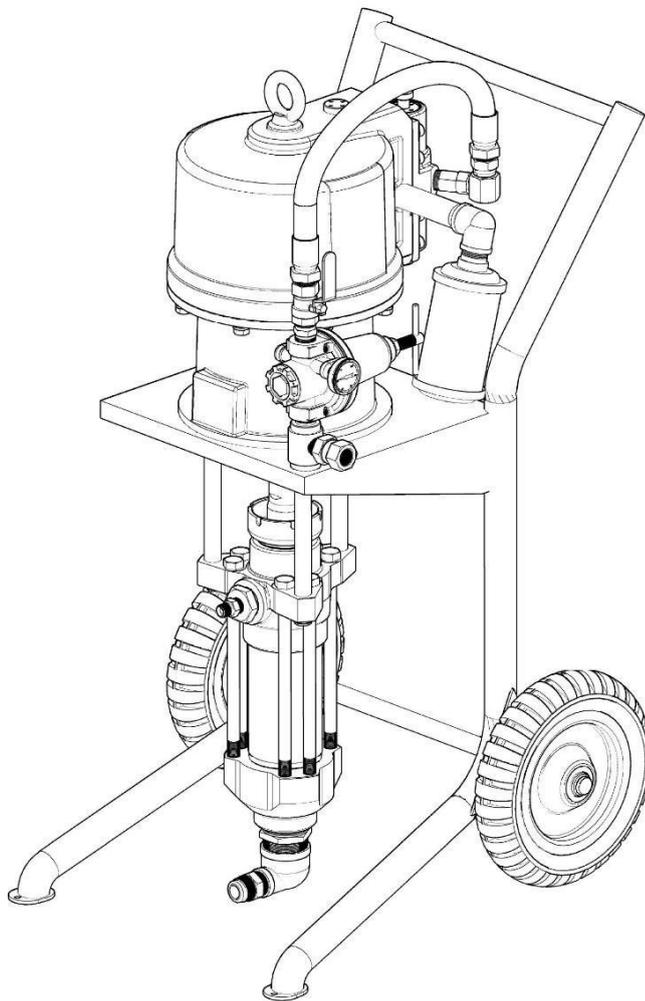
STAINLESS STEEL

N270 Motor & D-180 type Pumps

With Severe-Duty Rod and Cylinder

Part No. **N270-D180**, 32:1 Ratio D-type Pump

3248 psi (224 bar) Maximum Fluid Working Pressure



DSTech Co., LTD.

#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)

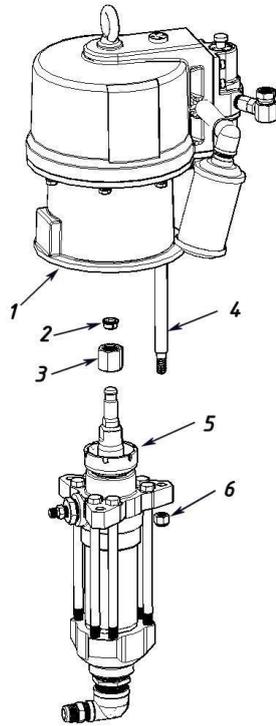
Tel: 82-51-207-8006

Fax: 82-51-207-8831

www.dstpump.com

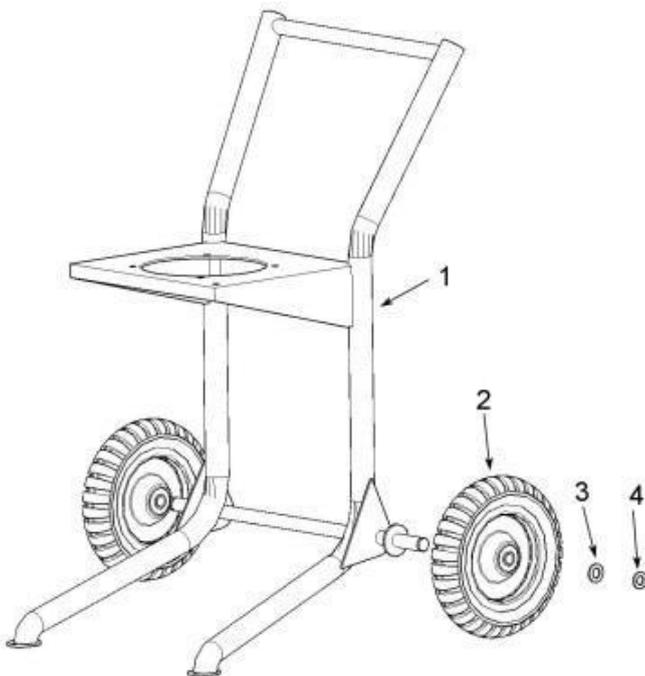
Parts drawing and Parts List

N270-D180-1



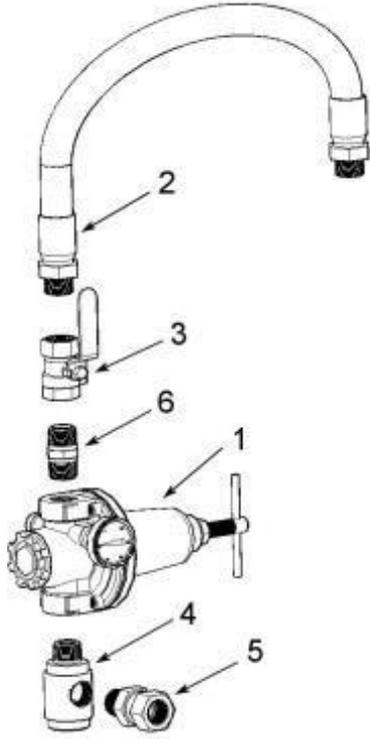
No	D Code	Description	Qty
1	N270-100	AIR MOTOR	1
2	K451-002	COLLER	2
3	K451-001	NUT	1
4	D180-121	ROD, tie	3
5	D180-100	PUMP	1
6	K451-125	NUT	3

K254-200 CART



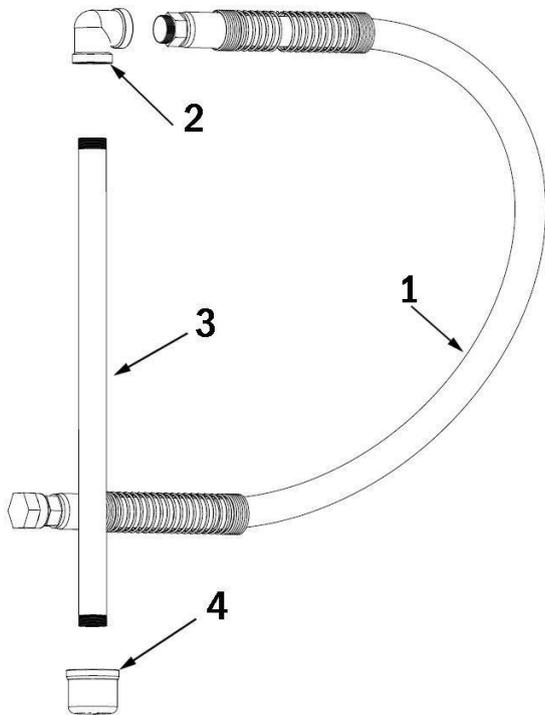
No	D Code	Description	Qty
1	K254-201	CART	1
2	K254-202	TIRE	2
3	K254-203	WASHER	2
4	K254-204	SNAP RING	2

N270-300 AIR REGULATOR KIT



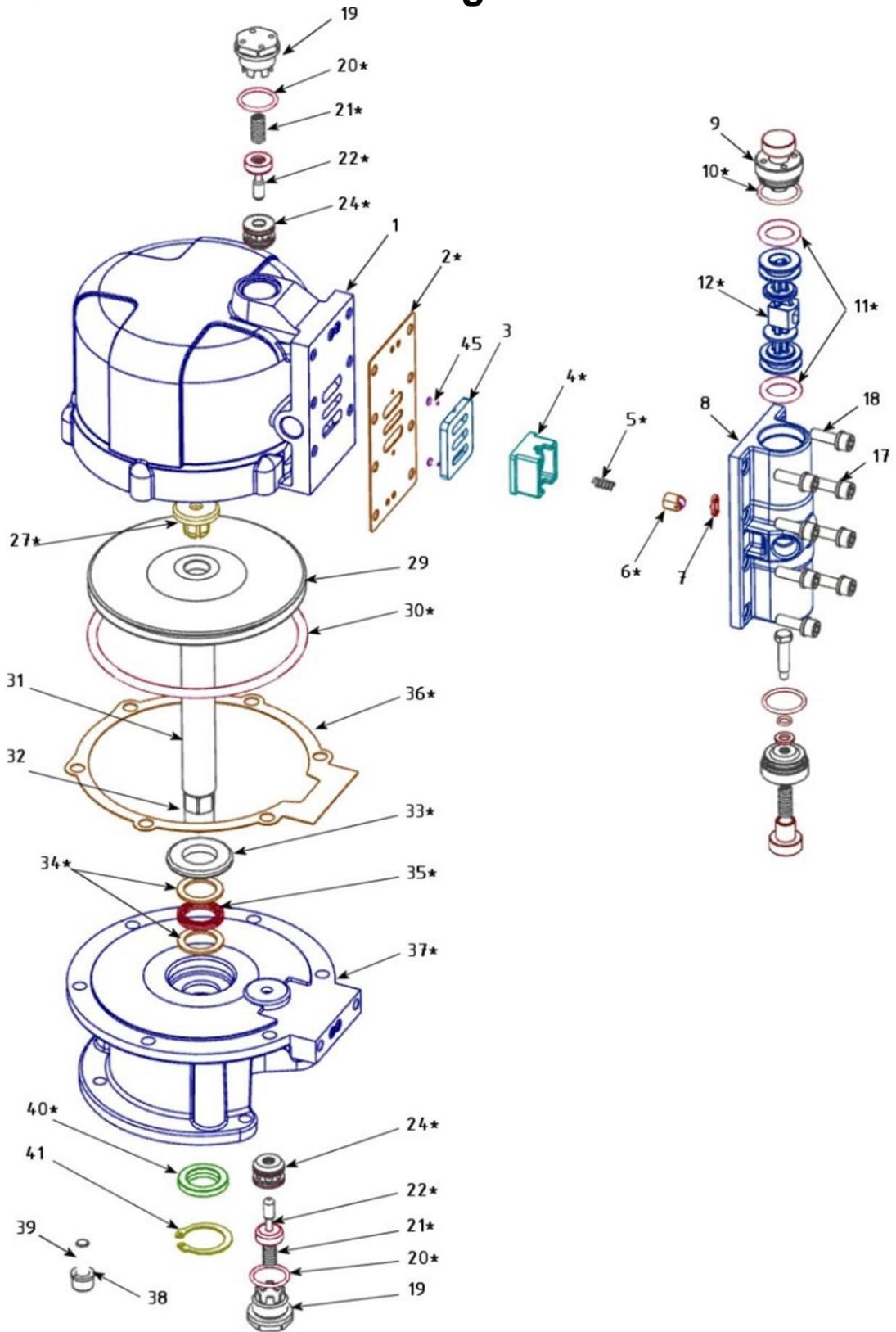
No	D Code	Description	Qty
1	K254-301	AIR REGULATOR	1
2	N270-302	AIR HOSE	1
3	K254-303	SHUTOFF VALVE	1
4	K254-304	AIR MANIFOLD	1
5	K254-305	COUPLING	1
6	K254-306	NIPPLE	1

K254-600 SUCTION HOSE ASS'Y



No	D Part	Description	Qty
1	K254-601	SUCTION HOSE	1
2	K254-602	ELBOW	1
3	K254-603	SUCTION TUBE	1
4	K254-604	STRAINER	1

N165-100 Air Motor Part Drawing



Parts

No	D Code	Description	Qty	No	D Code	Description	Qty
1	N165-001	CYLINDER	1	24	N165-024	VALVE HOUSING ASS'Y	2
2	N165-002	GASKET, piston housing	1	27	N165-027	PISTON PAD	1
3	N165-003	VALVE PLATE	1	29	N165-029	PISTON PLATE	1
4	N165-004	PISTON VALVE	1	30	N165-030	O-RING, piston	1
5	N165-005	Compression SPRING	1	31	N165-031	PISTON PIPE	1
6	N165-006	ROLLER ASS'Y	1	32	N165-032	STUD	1
7	N165-007	BLOCK	1	33	N165-033	PAD, base	1
8	N165-008	PISTON VALVE HOUSING	1	34	N165-034	GASKET	2
9	N165-009	HOUSING PLUG ASS'Y	2	35	N165-035	U-PACKING	1
10	N165-010	O-RING	2	36	N165-036	MOTOR GASKET	1
11	N165-011	O-RING, piston	2	37	N165-037	BASE	1
12	N165-012	PISTON VALVE	1	38	N165-038	SPRING WASHER	6
17	N165-017	SPRING WASHER	8	39	N165-039	BOLT	6
18	N165-018	BOLT	8	40	N165-040	SEAL, base	1
19	N165-019	VALVE CAP	2	41	N165-041	SNAP RING	1
20	N165-020	VALVE CAP O-RING	2	43	N270-043	NAME PLATE	2
21	N165-021	Compression SPRING	2	45	N270-045	RIVET, name plate	2
22	N165-022	STEM, valve ASS'Y	2				

Note : part marked in color are the spare parts

PART NO 2, 4, 5, 6, 10, 11, 12, 27, 30, 33, 34, 35, 40,
 Included in AIRMOTOR **Repair KIT No N165-500**

PART NO 20, 21, 22, 24
 Included in CHECK VALVE **Repair KIT No N165-501**

REPAIR INSTRUCTIONS

2018.05.04 Rev 5

PAT NO. 10-2014-0047957, 30-2014-0017906, 30-2014-0015351, 30-2013-0019993,
30-0735073, 30-2013-0019997, 10-2013-0041479, 10-1310083,

N165 type Air Motor, Displacement Sprayer

Part No.N165-X281, 28:1 Ratio (135cc)

2900 psi (200 bar) Maximum Fluid Working Pressure

Part No.N165-X351, 35:1 Ratio (107cc)

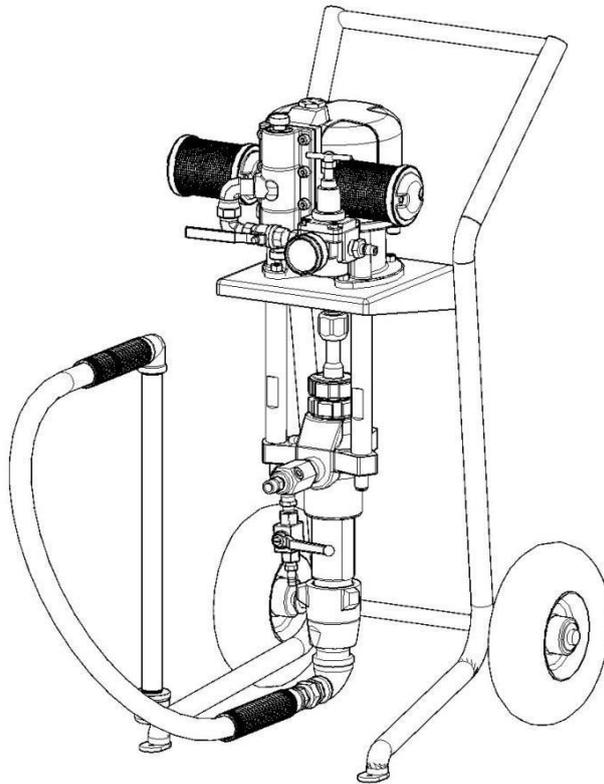
3625 psi (250 bar) Maximum Fluid Working Pressure

Part No.N165-X441, 44:1 Ratio (87cc)

4350 psi (300 bar) Maximum Fluid Working Pressure

Part No.N165-X601, 60:1 Ratio (64cc)

6090 psi (420 bar) Maximum Fluid Working Pressure



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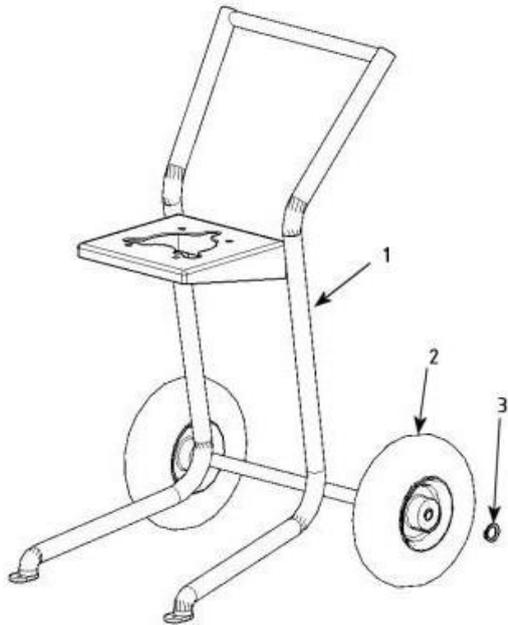
Parts drawing and Parts List

NO	D CODE	DESCRIPTION	QTY
1	N165-Xxxx-1	BARE	1
2	N165-400	CART	1
3	N165-300	AIR REGULATOR KIT	1
4	N165-800	MUFFLER	2
5	S300-500	SUCTION HOSE ASS'Y	1
6	N165-601	BOLT	4
7	N165-701	NUT	4
8	2K1-135	NUT, coupling	1
9	2k1-136	COLLER	2
10	NXXX-100	PUMP, DISPLACEMENT	1

N165-300 AIR REGULATOR KIT

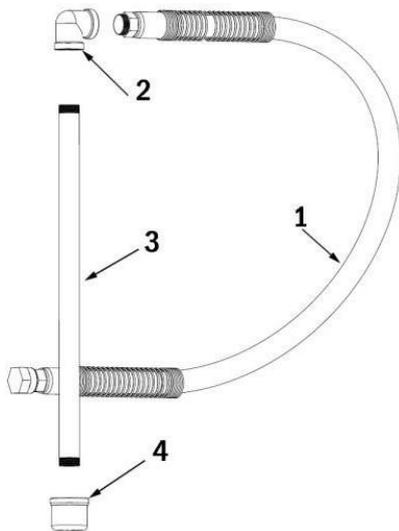
No	D Code	Description	Qty
1	N165-301	UNION ELBOE JOINT	1
2	N165-302	HOSE ELBOW	1
3	N165-303	BALL VALVE	1
4	N165-304	NIPPLE	1
5	N165-305	REGULATOR	1
6	N165-306	AIR COUPLER	1

N165-400 CART



No	D Code	Description	Qty
1	N165-401	CART	1
2	P300-202	TIRE	2
3	P300-203	SNAP RING	2

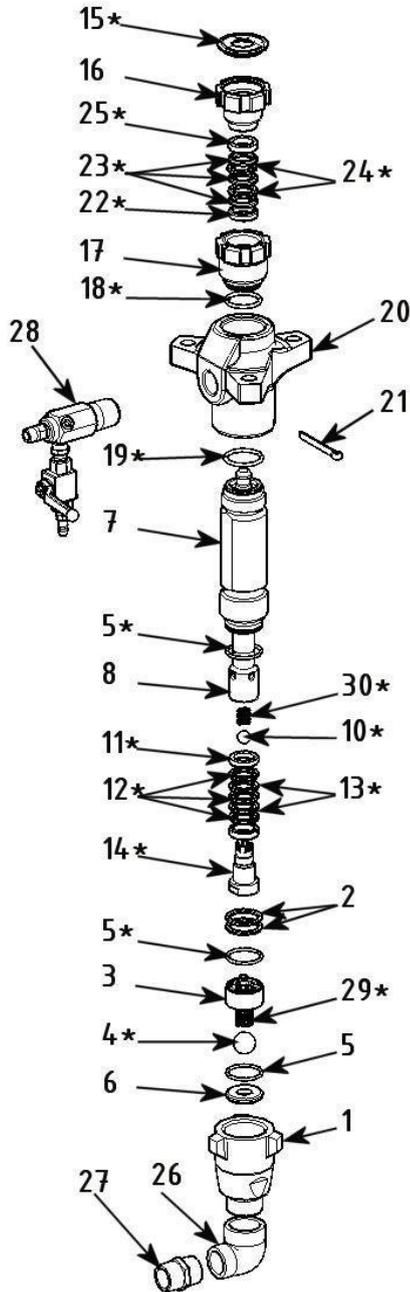
S300-500 SUCTION HOSE ASS'Y



No	D Code	Description	Qty
1	P300-501	SUCTION HOSE	1
2	P300-502	ELBOW	1
3	P300-503	SUCTION TUBE	1
4	P300-504	STRAINER	1

Parts drawing and Parts List

NX281-100 (135CC)



Note : part marked in color are the spare parts

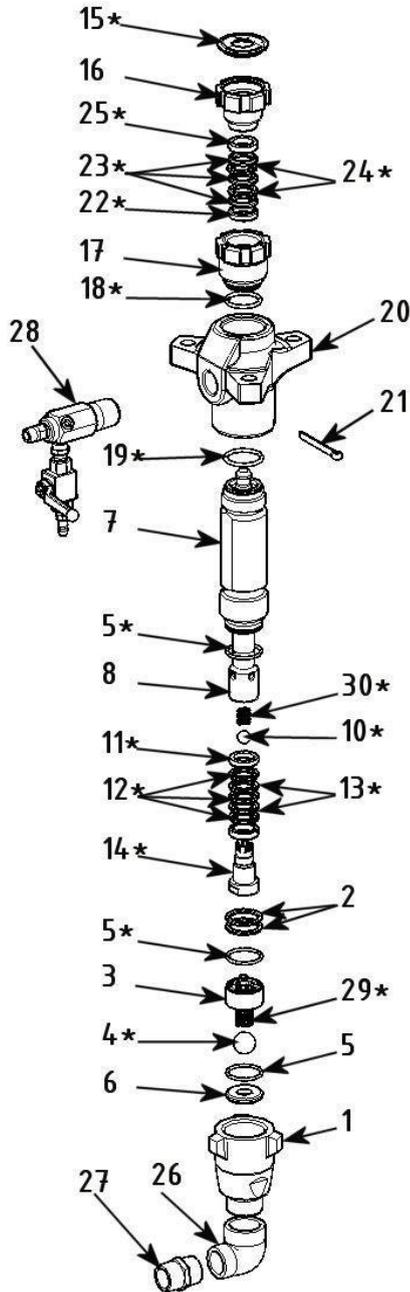
No	D Code	G Code	Description	Qty
1	X681-001	197303	HOUSING , Inlet	1
2	X681-002	244855	SHIM	3
3	X681-003	198648	BALL GUIDE	1
4	X681-004	253031	BALL	1
5	X681-005	244890	PACKING ,O-RING	3
6	X681-006	196358	SEAT	1
7	X681-007	197316	CYLINDER	1
8	X281-008	197321	DISPLACEMENT ROD	1
9	X681-009	197310	PISTON VALVE	1
10	X681-010	253029	BALL	1
11	X681-011	244858	GLAND-M	1
12	X681-012	244858	PACKING-V(UHMWPE)	3
13	X681-013	244870	PACKING-V(Leather)	2
14	X681-014	244876	GLAND-F	1
15	X681-015	244966	SEAL	1
16	X681-016	198330	PACKING NUT	1
17	X681-017	197326	NUT	1
18	X681-018	244890	PACKING , O-RING	1
19	X681-019	244892	PACKING, O-RING	1
20	X281-020		HOUSING	1
21	X120-021		PIN	1
22	X681-011	244858	GLAND-M	1
23	X681-012	244858	PACKING-V(UHMWPE)	3
24	X681-013	244870	PACKING-V(Leather)	2
25	X681-014	244876	GLAND-F	1
26	X120-026		TUBE	1
27	X120-027		NIPPLE	1
28	X120-028		NIPPLE	1
29	X120-029		SEAT SPRING	1
30	X120-030		PISTON SPRING	1

REPAIR KIT No: X281-500 (244-851)

With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19, 21, 22, 23, 24, 28, 29

Parts drawing and Parts List

NX351-100 (107CC)



Note : part marked in color are the spare parts

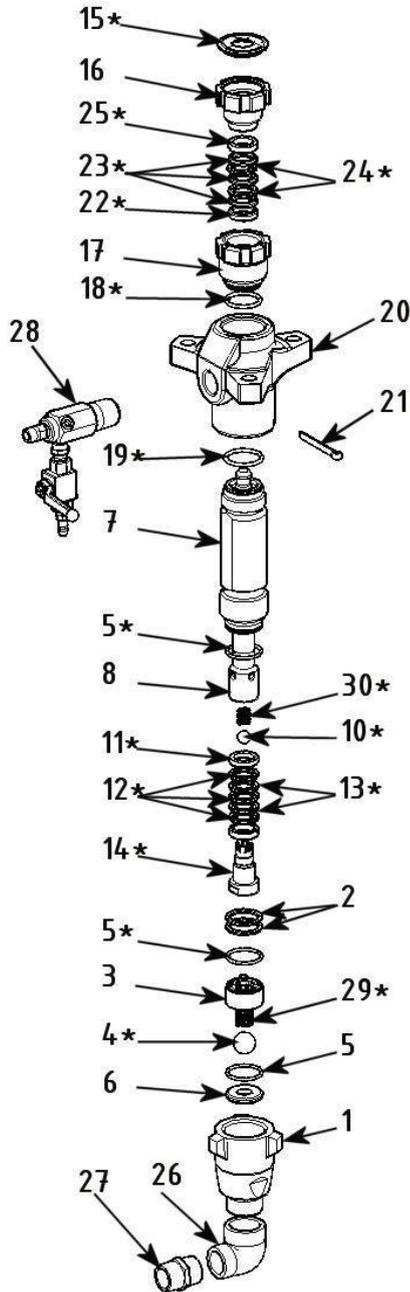
No	D Code	G Code	Description	Qty
1	X681-001	197303	HOUSING , Inlet	1
2	X681-002	244855	SHIM	3
3	X681-003	198648	BALL GUIDE	1
4	X681-004	253031	BALL	1
5	X681-005	244890	PACKING ,O-RING	3
6	X681-006	196358	SEAT	1
7	X831-007	197315	CYLINDER	1
8	X351-008	197320	DISPLACEMENT ROD	1
9	X831-009	197309	PISTON VALVE	1
10	X681-010	253029	BALL	1
11	X831-011	244881	GLAND-M	1
12	X831-012	244863	PACKING-V(UHMWPE)	3
13	X831-013	244869	PACKING-V(Leather)	2
14	X831-014	244875	GLAND-F	1
15	X681-015	244966	SEAL	1
16	X831-016	15K030	PACKING NUT	1
17	X831-017	197325	NUT	1
18	X681-018	244890	PACKING , O-RING	1
19	X681-019	244892	PACKING, O-RING	1
20	X281-020		HOUSING	1
21	X120-021		PIN	1
22	X831-011	244881	GLAND-M	1
23	X831-012	244863	PACKING-V(UHMWPE)	3
24	X831-013	244869	PACKING-V(Leather)	2
25	X831-014	244875	GLAND-F	1
26	X120-026		TUBE	1
27	X120-027		NIPPLE	1
28	X120-028		NIPPLE	1
29	X120-029		SEAT SPRING	1
30	X120-030		PISTON SPRING	1

REPAIR KIT No: X351-500 (244-850)

With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19, 21, 22, 23, 24, 28, 29

Parts drawing and Parts List

NX441-100 (87CC)



Note : part marked in color are the spare parts

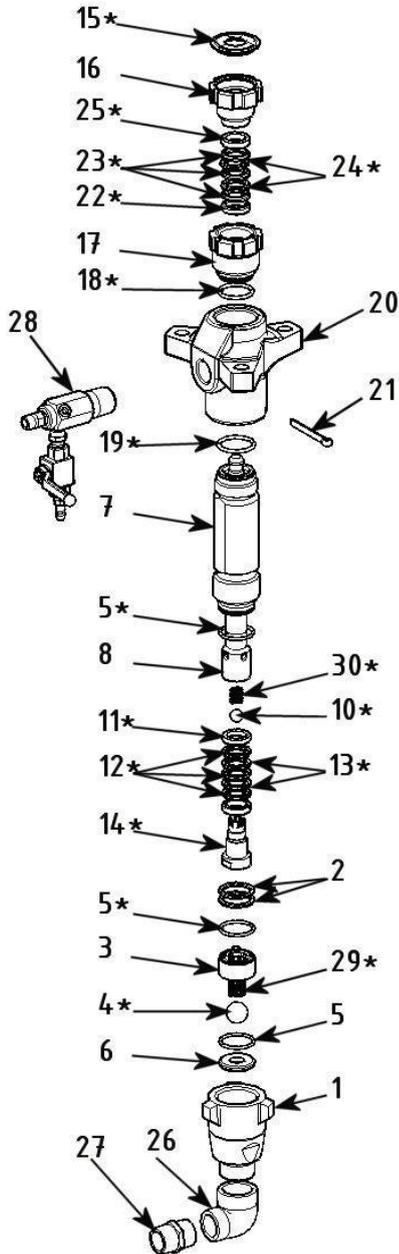
No	D Code	G Code	Description	Qty
1	X120-001	15F667	HOUSING , Inlet	1
2	X120-002	288064	SHIM	2
3	X120-003	16D472	BALL GUIDE	1
4	X120-004	244988	BALL	1
5	X120-005	288068	PACKING ,O-RING	3
6	X120-006	15F665	SEAT	1
7	X120-007	15F656	CYLINDER	1
8	X120-008	24B820	DISPLACEMENT ROD	1
9	X120-009	24B817	PISTON VALVE	1
10	X120-010	288065	BALL	1
11	X120-011	244881	GLAND-M	1
12	X120-012	244863	PACKING-V(UHMWPE)	3
13	X120-013	244869	PACKING-V(Leather)	2
14	X120-014	244875	GLAND-F	1
15	X120-015	244393	SEAL	1
16	X120-016	15K029	PACKING NUT	1
17	X120-017	15F661	NUT	1
18	X120-018	288068	PACKING , O-RING	1
19	X120-019	288068	PACKING, O-RING	1
20	2K1-112	2K1-112	HOUSING	1
21	X120-021		PIN	1
22	X120-011	244881	GLAND-M	1
23	X120-012	244863	PACKING-V(UHMWPE)	3
24	X120-013	244869	PACKING-V(Leather)	2
25	X120-014	244875	GLAND-F	1
26	X120-026		TUBE	1
27	X120-027		NIPPLE	1
28	X120-028		NIPPLE	1
29	X120-029		SEAT SPRING	1
30	X120-030		PISTON SPRING	1

REPAIR KIT No: **X441-500**

With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19, 21, 22, 23, 24, 28, 29

Parts drawing and Parts List

NX601-100 (64CC)



Note : part marked in color are the spare parts

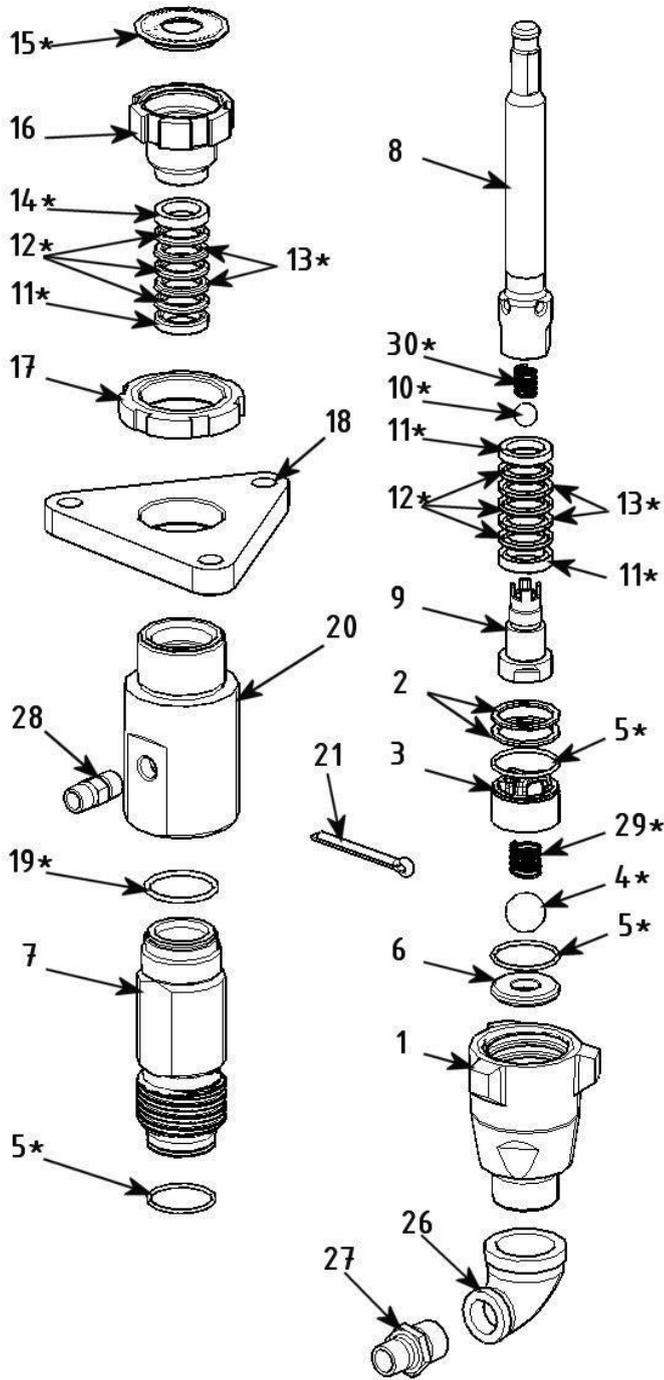
No	D Code	G Code	Description	Qty
1	X120-001	15F667	HOUSING , Inlet	1
2	X120-002	288064	SHIM	2
3	X120-003	16D472	BALL GUIDE	1
4	X120-004	244988	BALL	1
5	X120-005	288068	PACKING ,O-RING	3
6	X120-006	15F665	SEAT	1
7	X160-007	15F682	CYLINDER	1
8	X160-008	24B819	DISPLACEMENT ROD	1
9	X160-009	24B818	PISTON VALVE	1
10	X120-010	288065	BALL	1
11	X160-011	288072	GLAND-M	1
12	X160-012	288080	PACKING-V(UHMWPE)	3
13	X160-013	288081	PCAKING-V(Leather)	2
14	X160-014	288071	GLAND-F	1
15	X120-015	247393	SEAL	1
16	X120-016	15K029	PACKING NUT	1
17	X120-017	15F661	NUT	1
18	X120-018	262512	PACKING , O-RING	1
19	X120-019	288067	PACKING, O-RING	1
20	2K1-112		HOUSING	1
21	X120-021	244826	PIN	1
22	X160-022	288070	GLAND-M	1
23	X160-023	288077	PACKING-V(UHMWPE)	3
24	X160-024	288079	PCAKING-V(Leather)	2
25	X160-025	288069	GLAND-F	1
26	X120-026		TUBE	1
27	X120-027		NIPPLE	1
28	X120-028		NIPPLE	1
29	X120-029		SEAT SPRING	1
30	X120-030		PISTON SPRING	1

REPAIR KIT No: X601-500

With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19, 22, 23, 24, 25, 29, 30

Parts drawing and Parts List

N441-100 PUMP (87cc)



Note : part marked in color are the spare parts

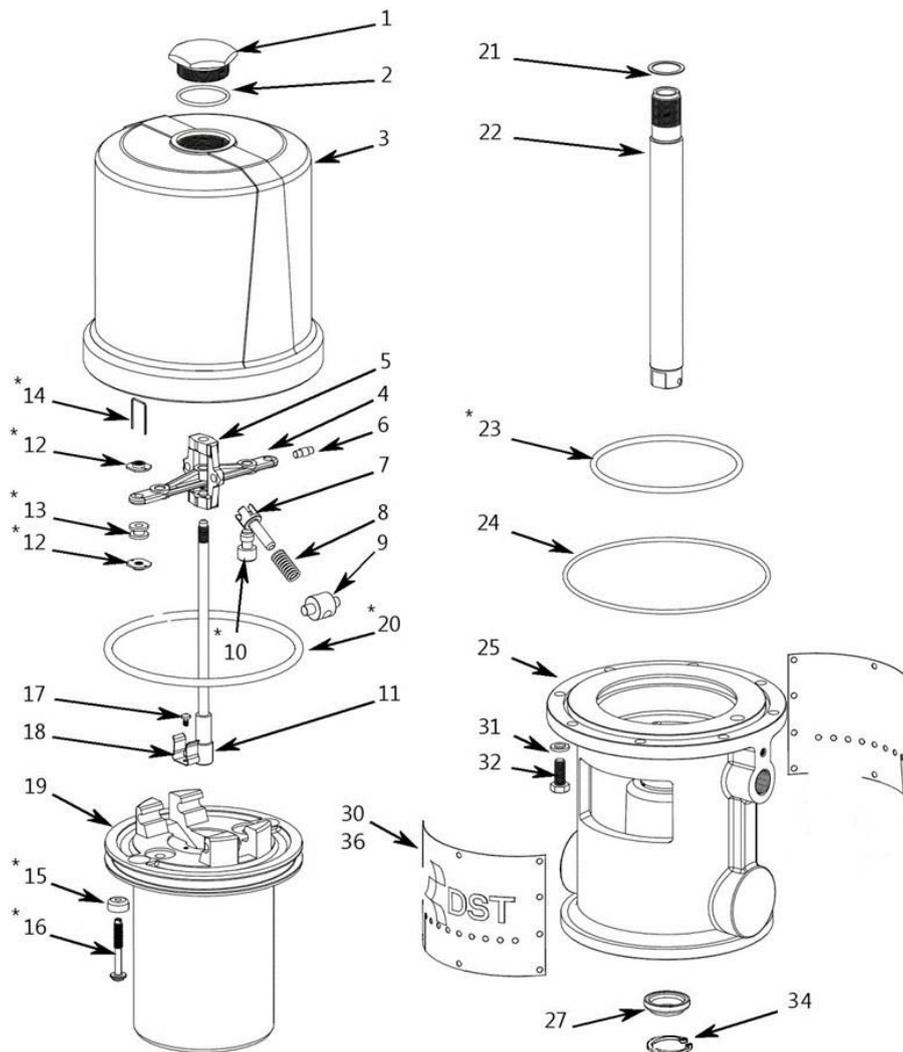
No	D Code	Description	Qty
1	X120-001	HOUSING , Inlet	1
2	X120-002	SHIM	2
3	X120-003	BALL GUIDE	1
4	X120-004	BALL(1 1/4")	1
5	X120-005	PACKING ,O-RING	3
6	X120-006	SEAT	1
7	N441-007	CYLINDER	1
8	N441-008	DISPLACEMENT ROD	1
9	X120-009	PISTON VALVE	1
10	X120-010	BALL	1
11	X120-011	GLAND-M	2
12	X120-012	PACKING-V(UHMWPE)	6
13	X120-013	PCAING-V(Leather)	4
14	X120-014	GLAND-F	2
15	X120-015	SEAL	1
16	X120-016	PACKING NUT	1
17	N441-017	NUT	1
18	N441-018	PLATE	1
19	X120-019	PACKING, O-RING	1
20	N441-020	HOUSING	1
21	X681-021	PIN	1
26	X681-026	TUBE	1
27	X681-027	NIPPLE	1
28	N441-028	NIPPLE	1
29	N441-029	SEAT SPRING	1
30	N441-030	PISTON SPRING	1

REPAIR KIT No: **N441-500**
With 4, 5, 10, 11, 12, 13, 14, 15, 19, 29, 30

REPAIR KIT No: **N441-501**
With 4, 5, 10, 11, 13, 14, 15, 19, 29, 30
No #13 LEATHER v-packing 10EA

REPAIR KIT No: **N441-502**
With 4, 5, 10, 11, 12, 13, 14, 15, 19, 29, 30
No #12 UHMWPE v-packing 2EA
#13 LEATHER v-packing 8EA

P301-100 Air Motor Part Drawing



No	D Code	G Code	Description	Qty	No	D Code	G Code	Description	Qty
1	P301-001	161-435	NUT, cylinder cap	1	17	P301-017	102-975	SCREW	2
2	P301-002	156-698	O-RING	1	18	P301-018	158-361	CLIP, spring	2
3	P301-003	162-629	CYLINDER, motor	1	19	P301-019		PISTON	1
4	P301-004	158-359	ACTUATOR, valve	1	20	P301-020	158-378	O-RING, piston	1
5	P301-005	158-360	YOKE	1	21	P301-021	150-647	GASKET, copper	1
6	P301-006	158-362	PIN, toggle	2	22	P301-022	164-925	ROD, piston	1
7	P301-007	160-623	ARM, toggle	2	23	P301-023	158-379	O-RING	1
8	P301-008	167-585	SPRING	2	24	P301-024	158-377	SEAL	1
9	P301-009	158-364	ROCKER, toggle	2	25	P301-025	164-924	BASE	1
10	P301-010	170-709	POPPET, valve	2	27	P301-027		DUST SEAL	1
11	P301-011	207-150	TRIP ROD	1	30	P301-030	177-844	PLATE, identification	2
12	P301-012	160-261	NUT, adjusting	4	31	P301-031		WASHER	8
13	P301-013	158-367	GROMMET, rubber	2	32	P301-032	101-578	SCREW	8
14	P301-014	160-618	LOCKWIRE	2	34	P301-034		SNAP RING	1
15	P301-015	170-708	POPPET, valve	2	36	P301-306		RIVET, plate	20
16	P301-016	160-896	STEM, valve	2					

Note : part marked in color are the spare parts

PART NO 10, 12, 13, 14, 15, 16, 20, 23
Included in [Repair KIT No P301-500\(207-385\)](#)

INSTRUCTIONS-PARTS LIST

2018.03.12 Rev12

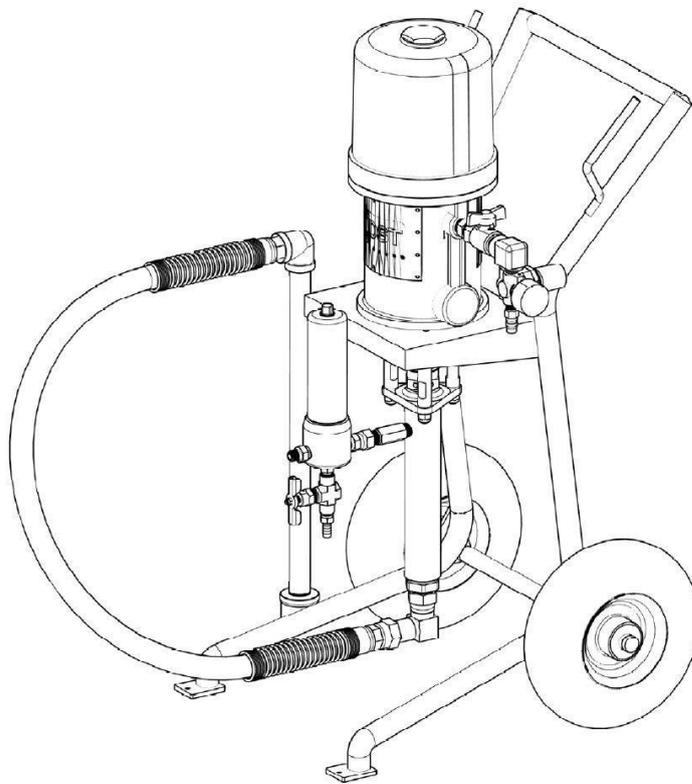
P-Type Spray Pump

Part No. **P301-L303** **30:1 Ratio**

100 psi (7 bar) MAXIMUM AIR INLET PRESSURE
3108 psi (214 bar) MAXIMUM FLUID WORKING PRESSURE

Part No. **P301-L231** **50:1 Ratio**

100 psi (7 bar) MAXIMUM AIR INLET PRESSURE
5243 psi (361 bar) MAXIMUM FLUID WORKING PRESSURE



DSTech Co., LTD.

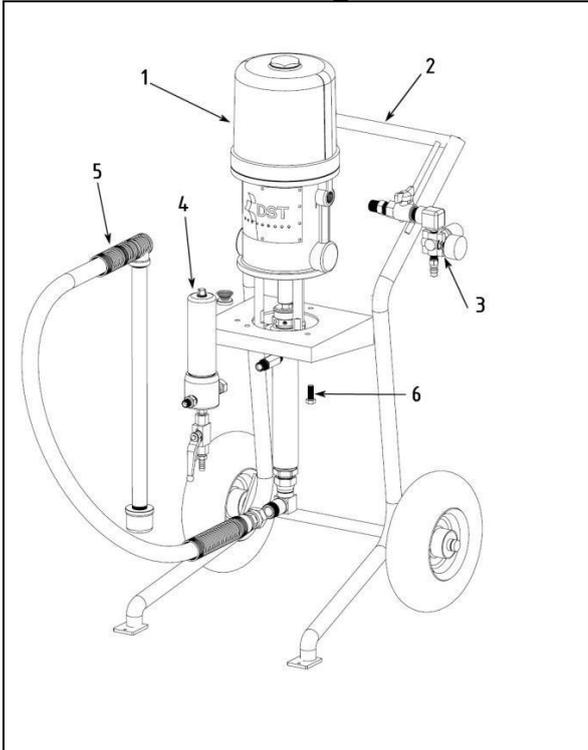
#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)

Tel: 82-51-207-8006

Fax: 82-51-207-8831

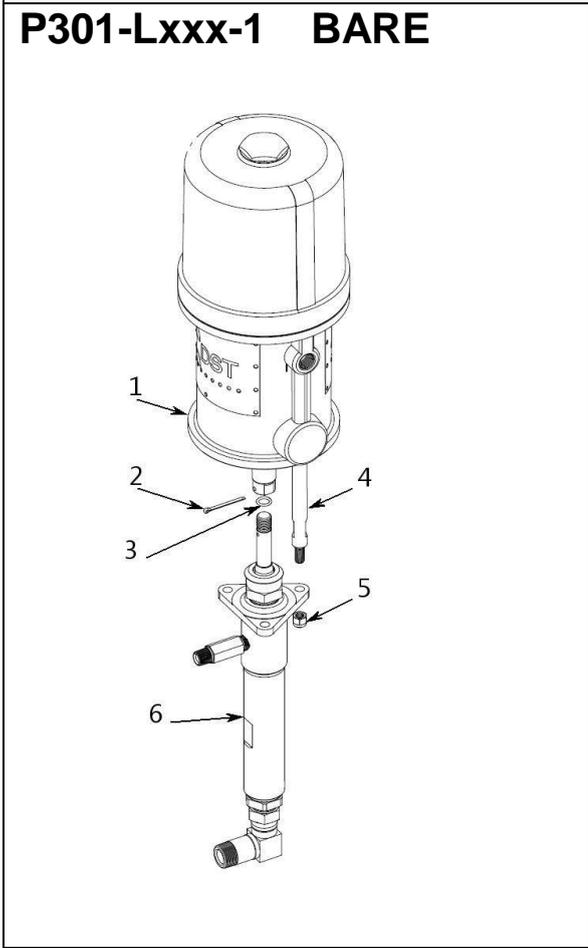
www.dstpump.com

Parts drawing and Parts List



NO	D Code	G Code	DESCRIPTION	Qty
1	P301-Lxxx-1	223-586	BARE	1
2	P300-200	224-044	CART	1
3	P300-300		AIR REGULATOR ASS'Y	1
4	SG300-400		SURGE TANK (small)	1
5	S300-500	214-960	SUCTION HOSE ASS'Y	1
6	S300-001	100-270	BOLT	3

P301-Lxxx-1 BARE



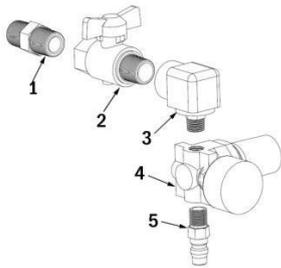
No	D Code	G Code	Description	Qty
1	P301-100	207-352	AIR MOTOR	1
2	P301-101	101-946	COTTER PIN	1
3	P301-102	156-082	O-RING	1
4	P301-103	168-221	TIE ROD	3
5	P301-104	101-566	NUT	3
6	Lxxx-100	221-074	DIS. PUMP	1

P300-200 CART



No	D Code	Description	Qty
1	P300-201	CART	1
2	P300-202	TIRE	2
3	P300-203	SNAP RING	2

P300-300 AIR REGULATOR KIT



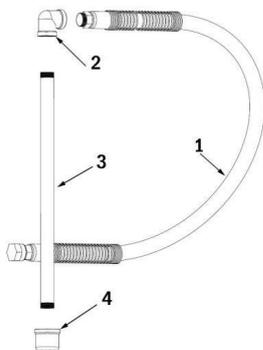
No	D Code	Description	Qty
1	P300-301	NIPPLE	1
2	P300-302	AIR SHOUTOFF VALVE	1
3	P300-303	ELBOW	1
4	P300-304	AIR REGULATOR	1
5	P300-305	NIPPLE	

SG300-400 SURGE TANK



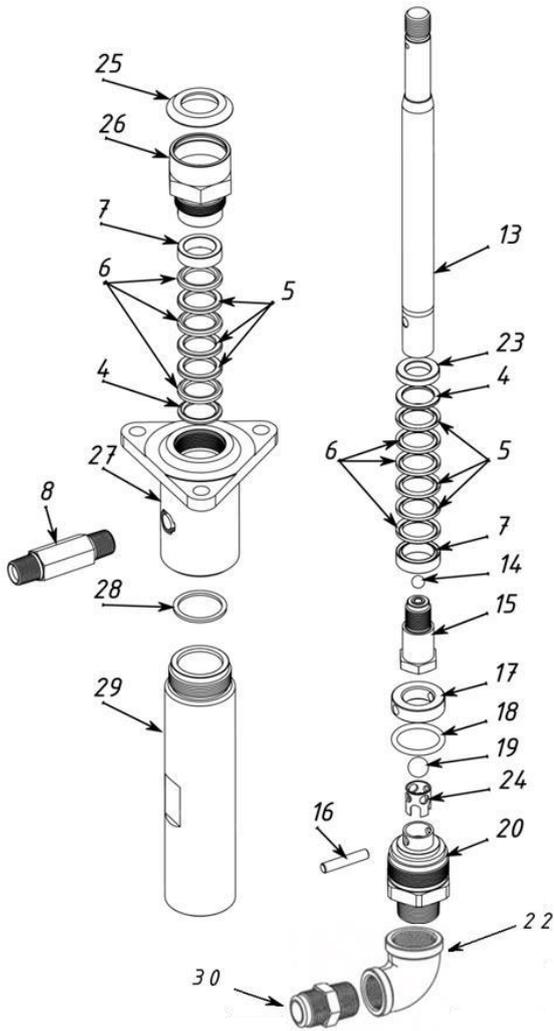
No	D Code	Description	Qty
1	SG300-001	BOWL	1
2	SG300-002	SPRING, compression	1
3	S302-003	SCREEN, 60mesh	1
4	S302-004	SUPPORT	1
5	S302-005	O-RING	1
6	SG300-006	HOUSING	1
7	S302-007	NIPPLE	1
8	S302-008	SWIVEL MALE	1
9	S302-009	NIPPLE	1
10	S302-010	PLUG	1
11	S302-011	BALL VALVE	1
12	S302-012	HOSE NIPPLE	1
13	SG300-013	PLUG	1

P300-500 SUCTION HOSE ASS'Y



No	D Code	Description	Qty
1	P300-501	SUCTION HOSE	1
2	P300-502	ELBOW	1
3	P300-503	SUCTION TUBE	1
4	P300-504	STRAINER (3/4")	1

L303-100 PUMP (30:1)



Note : part marked in color are the spare parts

No	D Code	G Code	Description	Qty
4	L301-004	186-182	GLAND , male	2
5	L301-005	164-477	V-LEATHER	6
6	L301-006	164-862	UHMWPE	6
7	L301-007	186-181	GLAND , female	2
8	L301-008	160-790	NIPPLE	1
13	L301-013	223-589	DIS. ROD	1
14	L301-014	105-444	BALL(5/16")	1
15	L301-015	223-565	PISTON VALVE	1
16	L301-016	186-179	PIN	1
17	L301-017	186-183	RETAINER	1
18	L301-018	165-052	SEAL(TEFLON)	1
19	L301-019	105-445	BALL(1/2")	1
20	L301-020	223-593	INTAKE	1
22	L301-022	207-648	ELBOW	1
23	L301-023	186-184	RETAINER	1
24	L301-024	186-187	GUIDE , BALL	1
25	L301-025	183-171	PLUG	1
26	L301-026		PACKING , NUT	1
27	L303-027		PUMP HOUSING	1
28	L303-028		PACKING ,	1
29	L303-029		SLEEVE	1
30	L301-022		NIPPLE	1

KIT No L303-500

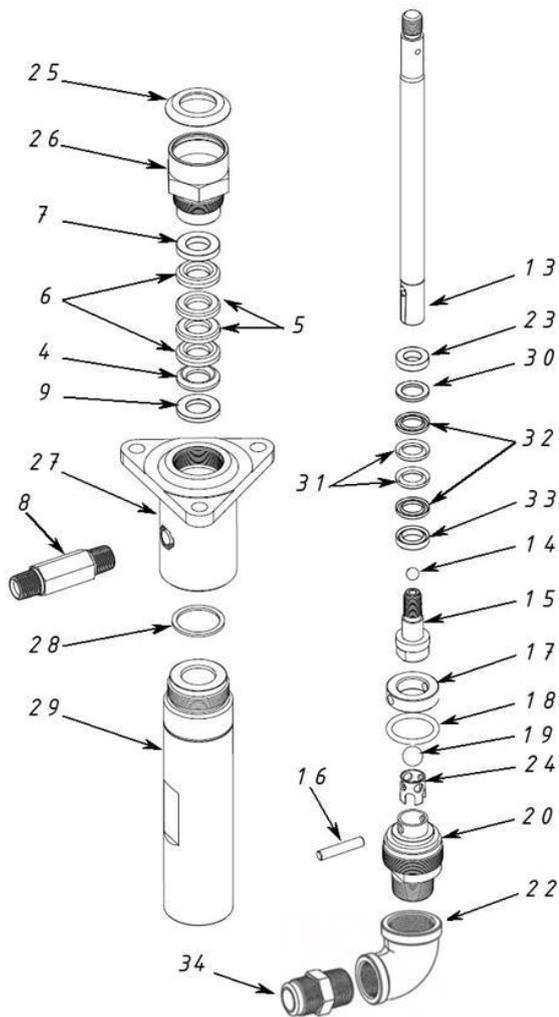
Part No 4, 5, 6, 7, 14, 18, 19, 28 Included in Repair

KIT No L303-501

Part No 4, 5, 6, 7, 14, 18, 19, 28 Included in Repair

No 5 Leather V-packing 10ea
 No 6 PTFE V-packing 2ea

L231-100 PUMP (50:1)



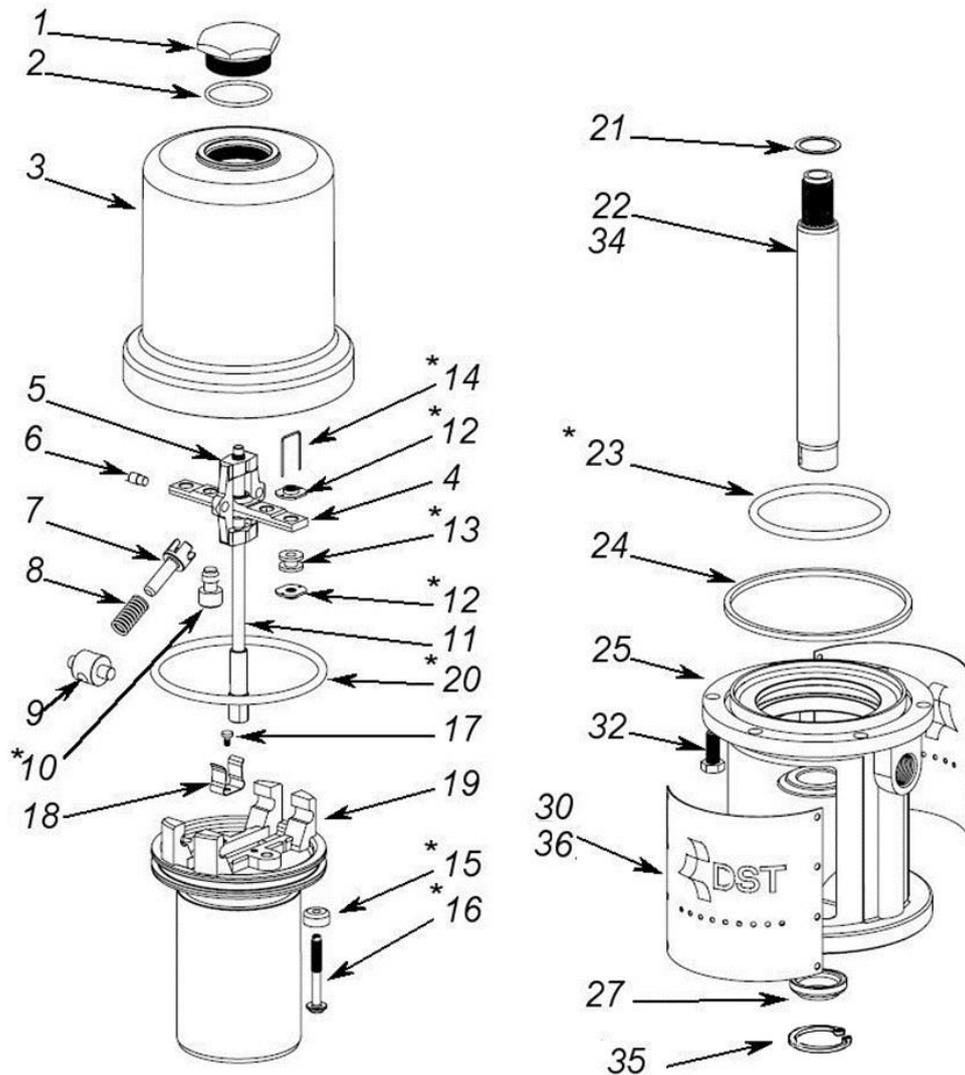
Note : part marked in color are the spare parts

No	D Code	G Code	Description	Qty
4	L231-004	186-196	GLAND , male	1
5	L231-005	164-397	V-LEATHER	2
6	L231-006	108-455	UHMWPE	2
7	L231-007	186-194	GLAND , female	1
8	L231-008	160-790	NIPPLE	1
9	L231-009	164-399	WASHER	1
13	L231-013	207-084	DIS. ROD	1
14	L231-014	101-823	BALL(5/16")	1
15	L231-015	205-538	PISTON VALVE	1
16	L231-016	186-179	PIN	1
17	L231-017	186-183	RETAINER	1
18	L231-018	165-052	SEAL(TEFLON)	1
19	L231-019	105-445	BALL(1/2")	1
20	L231-020	223-593	INTAKE	1
22	L231-022	207-648	ELBOW	1
23	L231-023	164-713	RETAINER	1
24	L231-024	186-187	GUIDE , BALL	1
25	L231-025	183-171	PLUG	1
26	L231-026		PACKING , NUT	1
27	L231-027		PUMP HOUSING	1
28	L231-028		PACKING ,	1
29	L231-029		SLEEVE	1
30	L231-030	186-195	GLAND , male	1
31	L231-031	164-715	V-LEATHER	2
32	L231-032	108-456	UHMWPE	2
33	L231-033	186-198	GLAND , female	1
34	L301-022		NIPPLE	1

KIT No L231-500

Part No 4, 5, 6, 7, 14, 18, 19, 23, 28, 30, 31, 32, 33
Included in Repair

M108-100 Air Motor Part Drawing



No	D Code	G Code	Description	Qty	No	D Code	G Code	Description	Qty
1	P301-001	161-435	NUT, cylinder cap	1	16	P301-016	160-896	STEM, valve	2
2	P301-002	156-698	O-RING	1	17	P301-017	102-975	SCREW	2
3	M108-003	164-186	CYLINDER, motor	1	18	M108-018	172-866	CLIP, spring	2
4	M108-004	172-867	ACTUATOR, valve	1	19	M108-019		PISTON	1
5	P301-005	158-360	YOKE	1	20	M108-020	160-621	O-RING, piston	1
6	P301-006	158-362	PIN, toggle	2	21	M108-021	160-932	GASKET, copper	1
7	P301-007	160-623	ARM, toggle	2	22	M108-022	164-705	ROD, piston(23:1 TYPE)	1
8	P301-008	167-585	SPRING	2	23	M108-023	160-625	O-RING	1
9	P301-009	158-364	ROCKER, toggle	2	24	M108-024	160-624	SEAL	1
10	P301-010	170-709	POPPET, valve	2	25	M108-025		BASE	1
11	M108-011	203-965	TRIP ROD	1	27	M108-027		DUST SEAL	1
12	P301-012	160-261	NUT, adjusting	4	32	M108-032	101-578	SCREW	8
13	P301-013	158-367	GROMMET, rubber	2	34	M108-034	177-136	ROD, piston(15:1 TYPE)	
14	P301-014	160-618	LOCKWIRE	2	35	P301-034		SNAP RING	1
15	P301-015	170-708	POPPET, valve	2	36	P301-306		RIVET, plate	20

Note : part marked in color are the spare parts

PART NO 10, 12, 13, 14, 15, 16, 20, 23
Included in [Repair KIT No PM108-500\(206-728\)](#)

INSTRUCTIONS-PARTS LIST

2018.03.12 Rev8

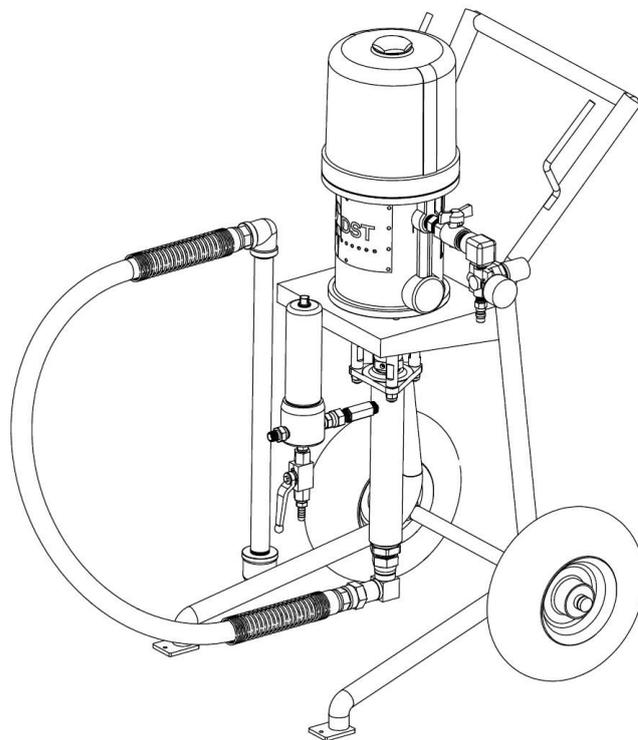
M-Type Spray Pump

Part No. **M108-L231** **23:1 Ratio**

100 psi (7 bar) MAXIMUM AIR INLET PRESSURE
2614 psi (180 bar) MAXIMUM FLUID WORKING PRESSURE

Part No. **M108-L303** **15:1 Ratio**

100 psi (7 bar) MAXIMUM AIR INLET PRESSURE
1554 psi (107 bar) MAXIMUM FLUID WORKING PRESSURE



DSTech Co., LTD.

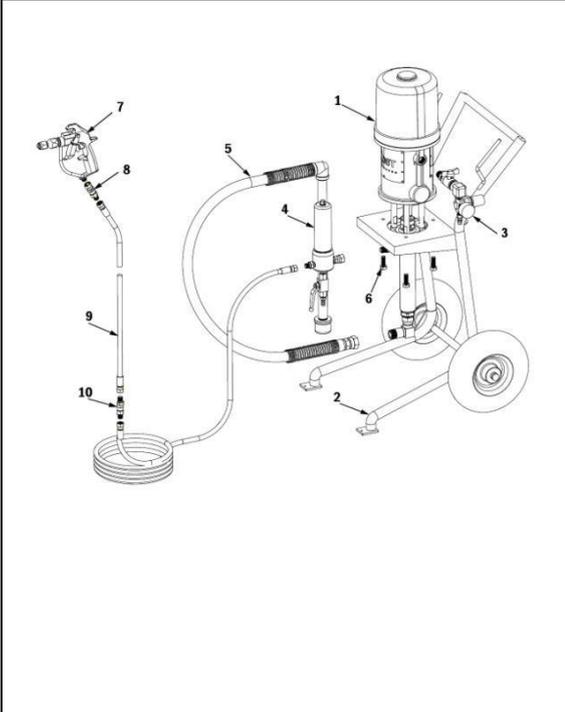
#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)

Tel: 82-51-207-8006

Fax: 82-51-207-8831

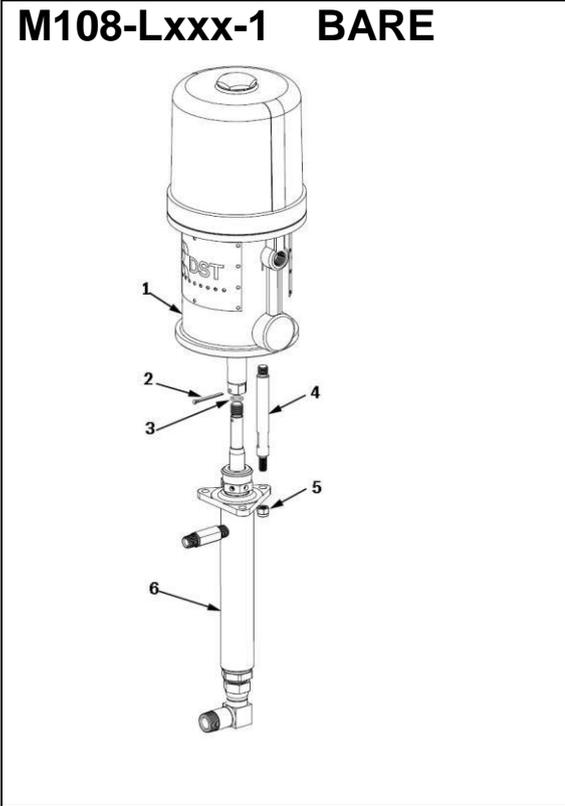
www.dstpump.com

Parts drawing and Parts List



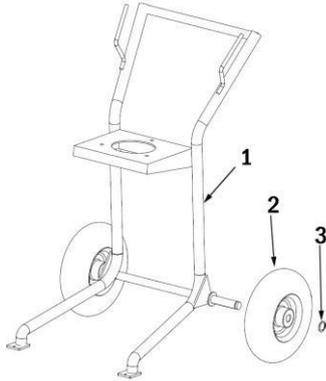
No	D CODE	G CODE	DESCRIPTION	Qty
1	M108-Lxxx-1	223-596	BARE	1
2	P300-200	224-044	CART	1
3	P300-300		AIR REGULATOR KIT	1
4	S300-400	218-029	SURGE TANK (small)	1
5	S300-500	214-960	SUCTION HOSE ASS'Y	1
6	S300-001	100-270	BOLT	2
7	G830-000	235-462	SPRAY GUN	1
8	ASG1-100	204-940	GUN SWIVEL	1
9	AH01-015		HOSE	1
10	ASH1-100		HOSE SWIVEL	1

M108-Lxxx-1 BARE



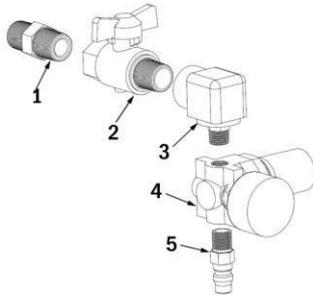
No	D Code	G Code	Description	Qty
1	M108-100	222-791	AIR MOTOR	1
2	M231-101	154-771	O-RING	1
3	M231-102	101-946	COTTER PIN	1
4	M231-103	164-722	TIE ROD	3
5	M231-104	101-566	NUT	3
6	Lxxx-100		DIS. PUMP	1

P300-200 CART



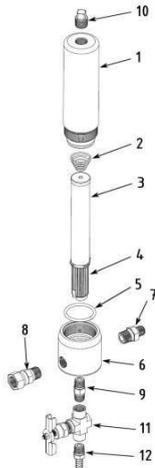
No	D Code	Description	Qty
1	P300-201	CART	1
2	P300-202	TIRE	2
3	P300-203	SNAP RING	2

P300-300 AIR REGULATOR KIT



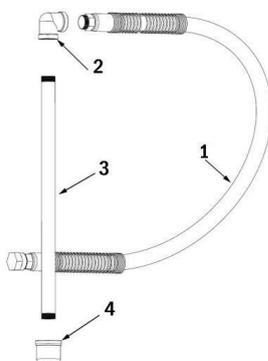
No	D Code	Description	Qty
1	P300-301	NIPPLE	1
2	P300-302	AIR SHUTOFF VALVE	1
3	P300-303	ELBOW	1
4	P300-304	AIR REGULATOR	1
5	P300-305	NIPPLE	

SG300-400 SURGE TANK



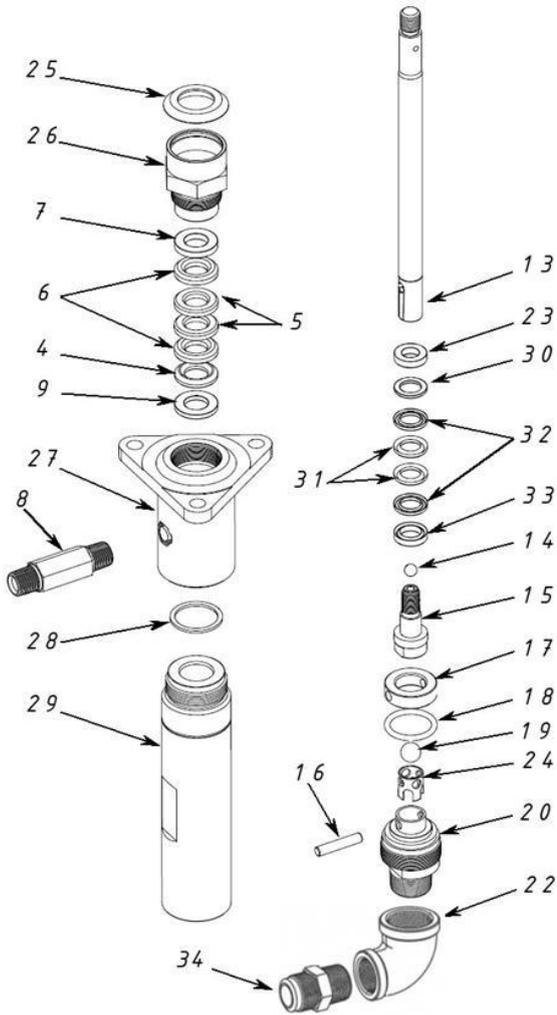
No	D Code	Description	Qty
1	SG300-001	BOWL	1
2	SG300-002	SPRING, compression	1
3	S302-003	SCREEN, 60mesh	1
4	S302-004	SUPPORT	1
5	S302-005	O-RING	1
6	SG300-006	HOUSING	1
7	S302-007	NIPPLE	1
8	S302-008	SWIVEL MALE	1
9	S302-009	NIPPLE	1
10	S302-010	PLUG	1
11	S302-011	BALL VALVE	1
12	S302-012	HOSE NIPPLE	1
13	SG300-013	PLUG	1

P300-500 SUCTION HOSE ASS'Y



No	D Code	Description	Qty
1	P300-501	SUCTION HOSE	1
2	P300-502	ELBOW	1
3	P300-503	SUCTION TUBE	1
4	P300-504	STRAINER	1

L231-100 Displacement 23:1



Note : part marked in color are the spare parts

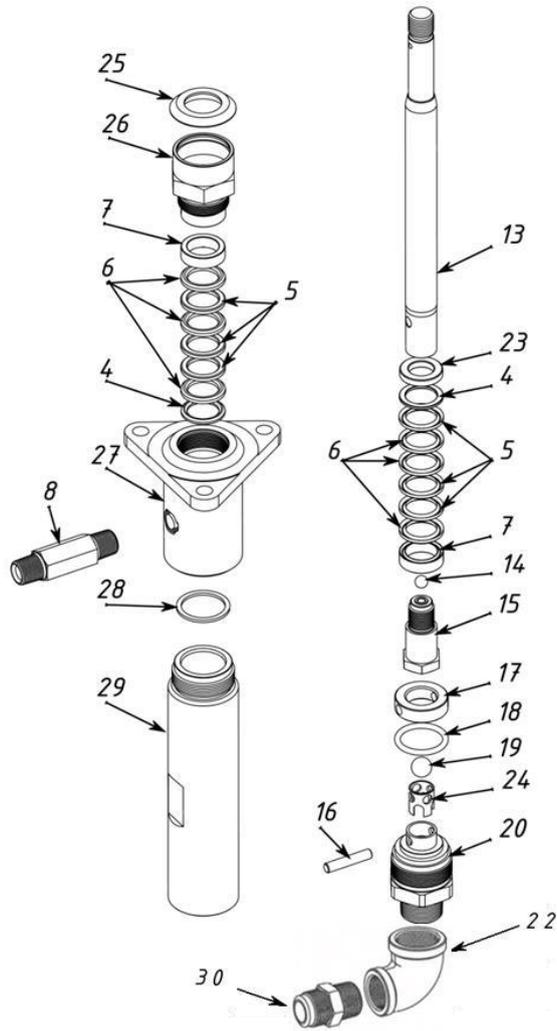
No	D Code	G Code	Description	Qty
4	L231-004	186-196	GLAND , male	1
5	L231-005	164-397	V-LEATHER	2
6	L231-006	108-455	UHMWPE	2
7	L231-007	186-194	GLAND , female	1
8	L231-008	160-790	NIPPLE	1
9	L231-009	164-399	WASHER	1
13	L231-013	207-084	DIS. ROD	1
14	L231-014	101-823	BALL(5/16")	1
15	L231-015	205-538	PISTON VALVE	1
16	L231-016	186-179	PIN	1
17	L231-017	186-183	RETAINER	1
18	L231-018	165-052	SEAL(TEFLON)	1
19	L231-019	105-445	BALL(1/2")	1
20	L231-020	223-593	INTAKE	1
22	L231-022	207-648	ELBOW	1
23	L231-023	164-713	RETAINER	1
24	L231-024	186-187	GUIDE , BALL	1
25	L231-025	183-171	PLUG	1
26	L231-026		PACKING , NUT	1
27	L231-027		PUMP HOUSING	1
28	L231-028		PACKING ,	1
29	L231-029		SLEEVE	1
30	L231-030	186-195	GLAND, male	1
31	L231-031	164-715	V-LEATHER	2
32	L231-032	108-456	UHMWPE	2
33	L231-033	186-198	GLAND, female	1
34	L301-022		NIPPLE	1

KIT No L231-500

Part No 4, 5, 6, 7, 14, 18, 19, 23, 28, 30, 31, 32, 33
Included in Repair

L303-100 Displacement

15:1



Note : part marked in color are the spare parts

No	D Code	G Code	Description	Qty
4	L301-004	186-182	GLAND , male	2
5	L301-005	164-477	V-LEATHER	6
6	L301-006	164-862	UHMWPE	6
7	L301-007	186-181	GLAND , female	2
8	L301-008	160-790	NIPPLE	1
13	L301-013	223-589	DIS. ROD	1
14	L301-014	105-444	BALL(5/16")	1
15	L301-015	223-565	PISTON VALVE	1
16	L301-016	186-179	PIN	1
17	L301-017	186-183	RETAINER	1
18	L301-018	165-052	SEAL(TEFLON)	1
19	L301-019	105-445	BALL(1/2")	1
20	L301-020	223-593	INTAKE	1
22	L301-022	207-648	ELBOW	1
23	L301-023	186-184	RETAINER	1
24	L301-024	186-187	GUIDE , BALL	1
25	L301-025	183-171	PLUG	1
26	L301-026		PACKING , NUT	1
27	L303-027		PUMP HOUSING	1
28	L303-028		PACKING ,	1
29	L303-029		SLEEVE	1
30	L301-022		NIPPLE	1

KIT No L303-500

Part No 4, 5, 6, 7, 14, 18, 19, 28 Included in Repair

KIT No L303-501

Part No 4, 5, 6, 7, 14, 18, 19, 28 Included in Repair

No 5 Leather V-packing 10ea
 No 6 PTFE V-packing 2ea

INSTRUCTIONS-PARTS LIST

2018.01.09 Rev4

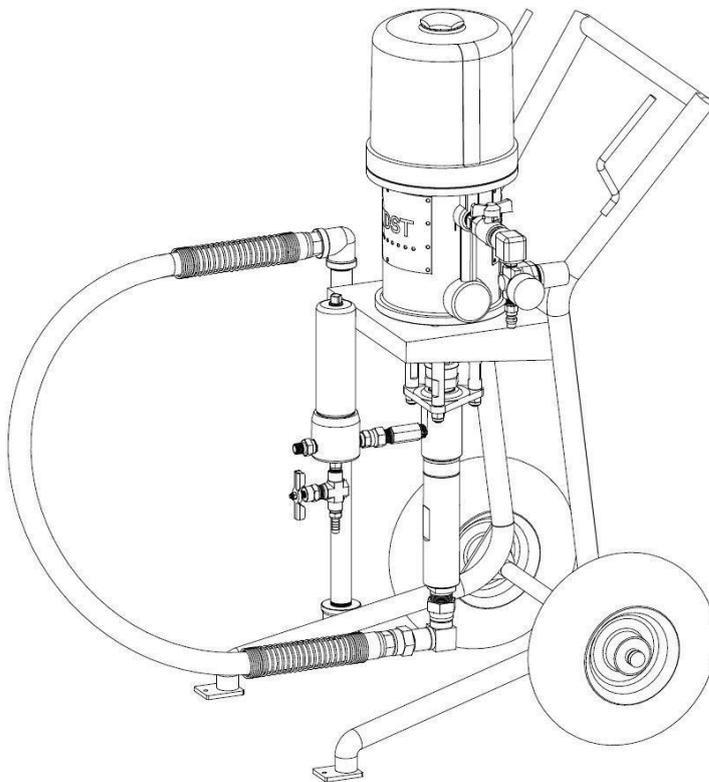
Stainless Steel **SUS CLEAN PUMP**

M108-L310 5:1 Ratio

120 psi (8.4 bar) MAXIMUM AIR INLET PRESSURE
581 psi (40bar) MAXIMUM FLUID WORKING PRESSURE

P301-L310 10:1 Ratio

180 psi (12.5 bar) MAXIMUM AIR INLET PRESSURE
1757 psi (121 bar) MAXIMUM FLUID WORKING PRESSURE



DSTech Co., LTD.

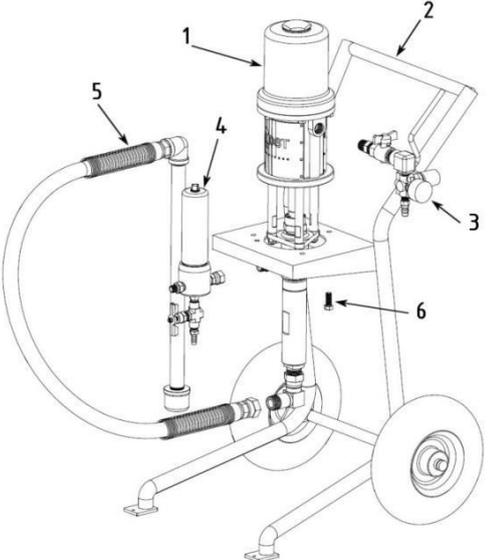
**#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)**

Tel: 82-51-207-8006

Fax: 82-51-207-8831

www.dstpump.com

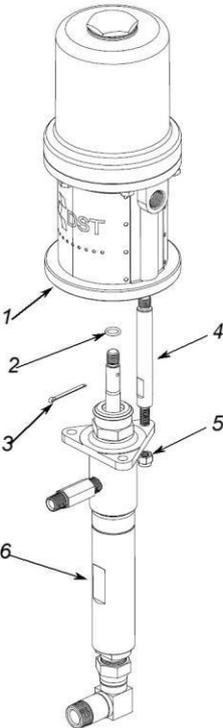
Parts drawing and Parts List



NO	D Code	G PART	DESCRIPTION	Qty
1	M108-100	...	BARE	1
	P301-100	...		
2	P300-200	224-044	CART	1
3	P300-300		AIR REGULATOR ASS'Y	1
4	S300-404	218-029	SURGE TANK (small)	1
5	P300-500	214-960	SUCTION HOSE ASS'Y	1
6	S300-001	100-270	BOLT	3

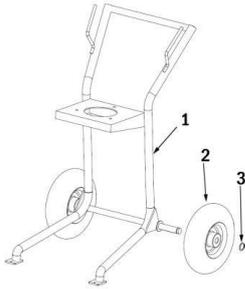
ACCESSORIES : Option part 8, 9, 10

M108-L310-1 BARE P301-L310-1 BAER



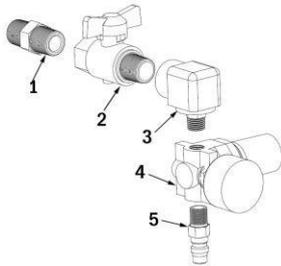
No	D Code	G Code	Description	Qty
1	M108-100	...	AIR MOTOR	1
	P301-100	...	AIR MOTOR	
2	P301-101	101-946	COTTER PIN	1
3	P301-102	156-082	O-RING	1
4	P310-103	166-237	TIE ROD	3
5	P301-104	101-566	NUT	3
6	L310-100	224-344	DIS. PUMP	1

P300-200 CART



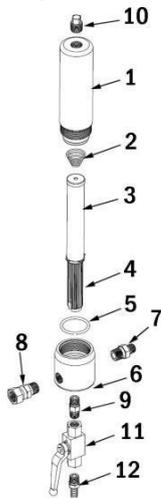
No	D Code	Description	Qty
1	P300-201	CART	1
2	P300-202	TIRE	2
3	P300-203	SNAP RING	2

P300-300 AIR REGULATOR KIT



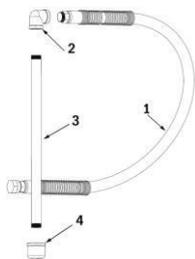
No	D Code	Description	Qty
1	P300-301	NIPPLE	1
2	P300-302	AIR SHUTOFF VALVE	1
3	P300-303	ELBOW	1
4	P300-304	AIR REGULATOR	1
5	P300-305	NIPPLE	

S300-404 SURGE TANK (stainless steel)



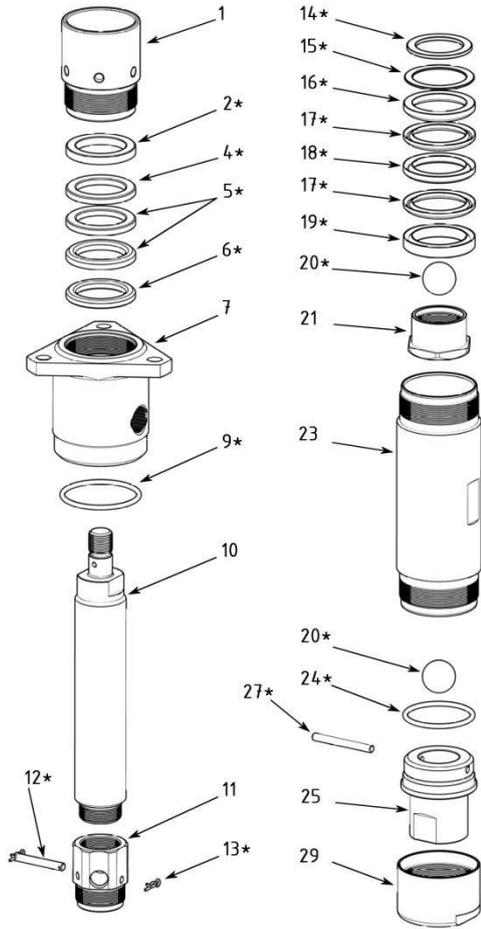
No	D Code	G Code	Description	Qty
1	S303-001	172-831	BOWL, stainless	1
2	S302-002	171-942	SPRING,compression	1
3	S302-003	167-025	SCREEN, 60mesh	1
4	S302-004	186-075	SUPPORT, filter	1
5	S302-005	104-361	O-RING, filter	1
6	S305-006	185-631	HOUSING, stainless	1
7	S302-007	.	NIPPLE	1
8	S302-008	.	SWIVEL MALE	1
9	S302-009	.	NIPPLE	1
10	S302-010	.	PLUG	1
11	AHBV-014	.	BALL VALVE	1
12	S302-012	.	HOSE NIPPLE	1

P300-500 SUCTION HOSE ASS'Y



No	D Code	Description	Qty
1	P300-501	SUCTION HOSE	1
2	P300-502	ELBOW	1
3	P300-503	SUCTION TUBE	1
4	P300-504	STRAINER	1

L310-100 PUMP



Note : part marked in color are the spare parts

No	D Code	G Code	Description	Qty
1	L310-001	186-995	PACKING NUT	1
2	L310-002	186-988	GLAND, T.F	1
4	L310-004	170-625	UHMWPE	1
5	L310-005		LEATHER	2
6	L310-006	186-987	GLAND, T.M	1
7	L310-007	205-999	HOUSING	1
9	L310-009	164-782	O-RING	1
10	L310-010	24C-506	DIS. ROD.	1
11	L310-011	176-644	STUD, PISTON	1
12	L310-012	176-637	PIN. PISTON	1
13	L310-013	100-063	SNAP PIN	2
14	L310-014	176-634	WASHER, PISTON	1
15	L310-015	111-790	SHIM, PISTON	1
16	L310-016	186-990	GLAND, P.M	1
17	L310-017	176-638	UHMWPE	2
18	L310-018	111-293	LEATHER	1
19	L310-019	186-989	GLAND, P.F	1
20	L310-020	101-917	BALL	2
21	L310-021	186-993	STUD, PISTON	1
23	L310-023	24C-505	CYLINDER	1
24	L310-024	164-846	O-RING	1
25	L310-025	186-992	HOUSING, INLET	1
27	L310-027	162-947	PIN, BALL STOP	1
29	L310-029	164-630	RING, LOCKING	1

KIT No L310-500 (224-402)

Part No 2, 4, 5, 6, 9, 12, 13, 14, 15, 16, 17, 18, 19, 20, 24, 27 Included in Repair

REPAIR INSTRUCTIONS

2018.11.14 REV 3

A PATENT APPLICATION

AK RAM PUMP SERIES Full Two Post Drum Type

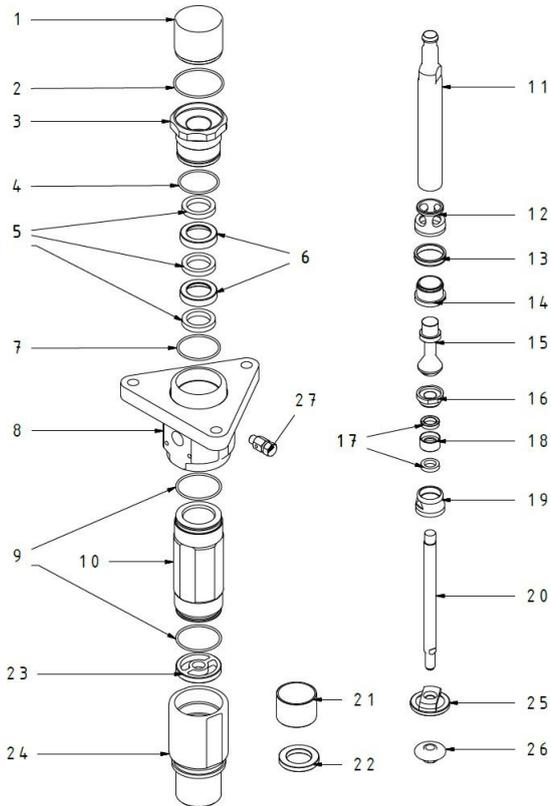
Part No. AKL-651, 65:1 Ratio Ram type Pump
6600 psi (455 bar) Maximum Fluid Working Pressure



DSTech Co., LTD.
#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)
Tel: 82-51-207-8006
Fax: 82-51-207-8831
www.dstpump.com

Parts drawing and Parts List

C200-200 CHECK MATE PUMP

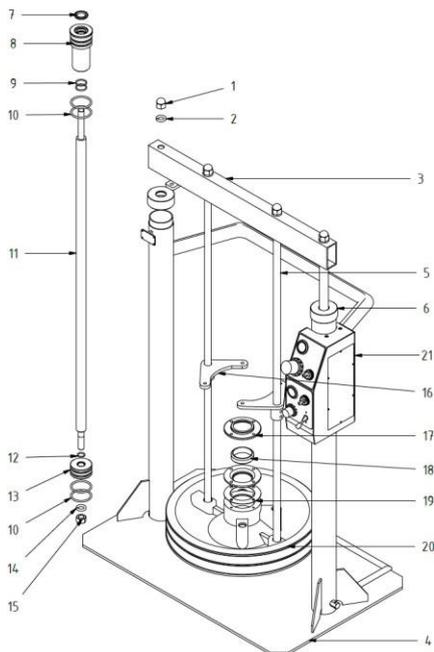


No	D Code	Description	Qty
1	C200-201	WER CUP	1
2	C200-202	O-RING	1
3	C200-203	PACKING NUT	1
4	C200-204	O-RING	1
5	C200-205	U-PACKING	3
6	C200-206	PACKING HOLDER	2
7	C200-207	O-RING	1
8	C200-208	PUMP HOUSING	1
9	C200-209	O-RING	2
10	C200-210	CYLINDER	1
11	C200-211	DIS-ROD	1
12	C200-212	PISTON GUIDE	1
13	C200-213	SEAL	1
14	C200-214	PISTON SEAT	1
15	C200-215	PISTON	1
16	C200-216	PACKING NUT	1
17	C200-217	U-PACKING	2
18	C200-218	PACKING HOLDER	1
19	C200-219	CHKECK VALVE BODY	1
20	C200-220	PISTON ROD	1
21	C200-221	TANK RING	1
22	C200-222	CHCK VALVE SEAT	1
23	C200-223	LOW HOUSING SEAT	1
24	C200-224	LOW HOUSING	1
25	C200-225	SHOVEL DISK	1
26	C200-226	SHOVEL PLATE	1
27	C200-227	BLEEDER VALVE	1

Note : part marked in color are the spare parts

PART NO 2, 4, 5, 6, 7, 9, 13, 17, 18
Included in **Repair KIT No C200-500**

AKL-300 RAM POST AKL-400 INDUCT PLATE



No	D Code	Description	Qty
1	AKL-301	CAP NUT	1
2	AKL-302	SPRING WASHER	4
3	AKL-304	Beam	1
4	AKL-305	RAM POST	1
5	AKL-306	SHATF ROD	2
6	AKL-307	CAP	2
7	AKL-308	SEAL	2
8	AKL-309	HOUSING	2
9	AKL-310	O-RING	4
10	AKL-311	O-RING	8
11	AKL-312	ROD	2
12	AKL-315	O-RING	2
13	AKL-316	SPACER	2
14	AKL-314	SPRING WASHER	2
15	AKL-317	NUT	3
16	AKL-318	BRACKET	2
17	AKL-319	LOW TANK	2
18	AKL-320	PACKING	1
19	AKL-321	GASKET	1
20	AKL-401	INTDUCTOR PLATE	1
21	AKL-500	CONTORL BOX	1

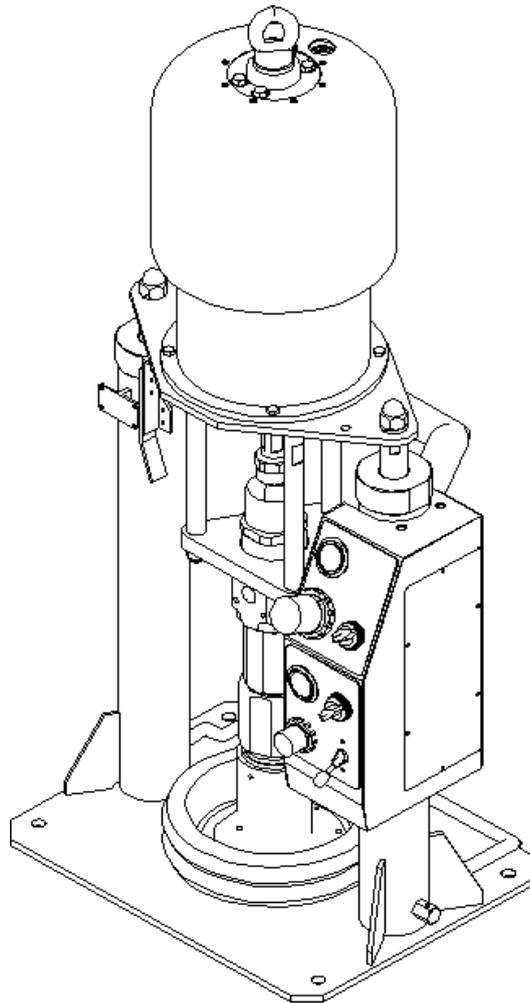
REPAIR INSTRUCTIONS

2018.05.31 REV 2

A PATENT APPLICATION

AK RAM PUMP SERIES Full Two Post Can Type

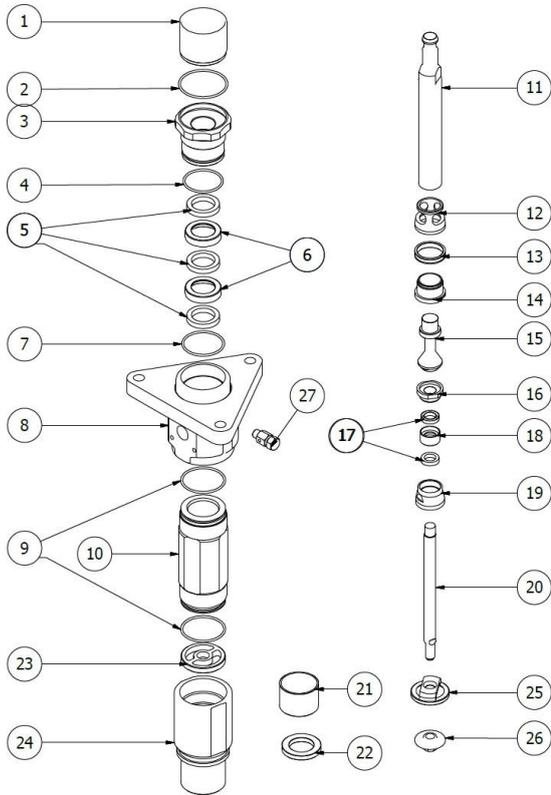
Part No. AKS-651, 65:1 Ratio Ram type Pump
6600 psi (455 bar) Maximum Fluid Working Pressure



DSTech Co., LTD.
#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)
Tel: 82-51-207-8006
Fax: 82-51-207-8831
www.dstpump.com

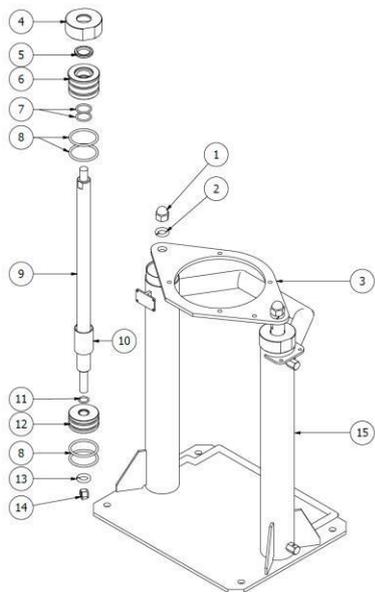
Parts drawing and Parts List

C200-200 Check-Mate Pump



No	D Code	Description	Qty
1	C200-201	WER CUP	1
2	C200-202	O-RING	1
3	C200-203	PACKING NUT	1
4	C200-204	O-RING	1
5	C200-205	U-PACKING	3
6	C200-206	PACKING HOLDER	2
7	C200-207	O-RING	1
8	C200-208	PUMP HOUSING	1
9	C200-209	O-RING	1
10	C200-210	CYLINDER	1
11	C200-211	DIS-ROD	1
12	C200-212	PISTON GUIDE	1
13	C200-213	SEAL(PE)	1
14	C200-214	PISTON SEAT	1
15	C200-215	PISTON	1
16	C200-216	PACKING NUT	1
17	C200-217	U-PACKING	2
18	C200-218	PACKING HOLDER	1
19	C200-219	CHKECK VALVE BODY	1
20	C200-220	PISTON ROD	1
21	C200-221	TANK RING	1
22	C200-222	CHCK VALVE SEAT	1
23	C200-223	LOW HOUSING SEAT	1
24	C200-224	LOW HOUSING	1
25	C200-225	SHOVEL DISK	1
26	C200-226	SHOVEL PLATE	1
27	C200-227	BLEEDER VALVE	1

AKS-300 Ram Post(Can type)

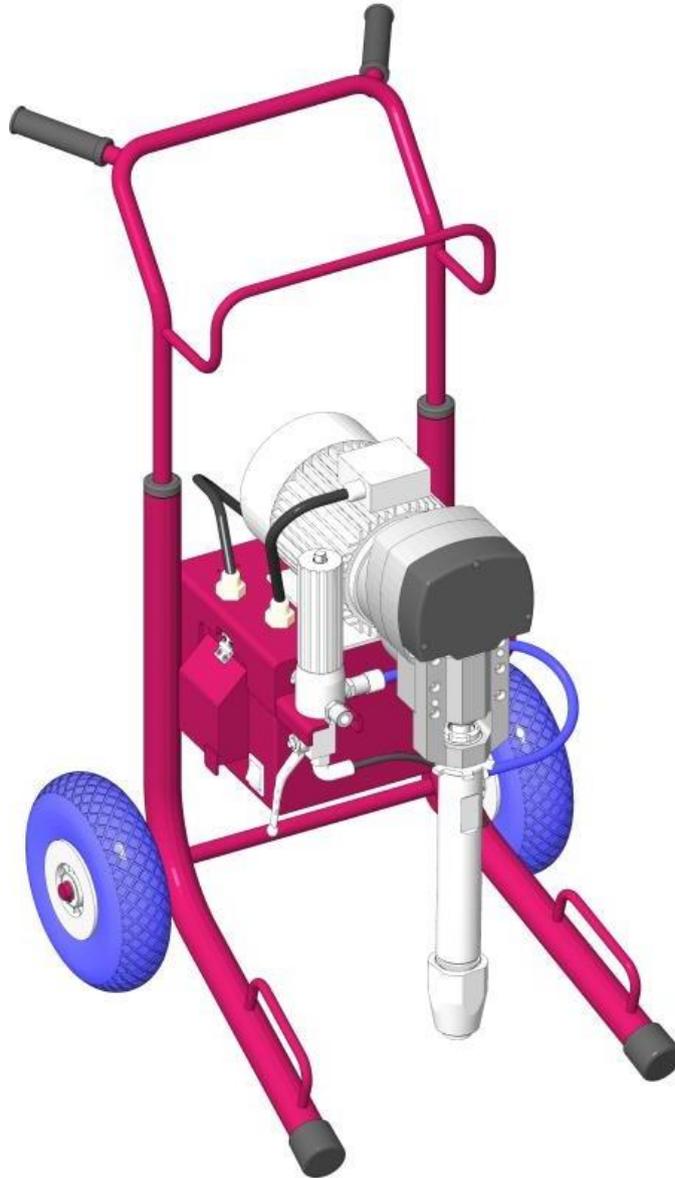


No	D Code	Description	Qty
1	AKL-301	CAP NUT	2
2	AKL-302	SPRING WASHER	2
3	AKS-318	BASE PLATE	1
4	AKL-307	CAP	2
5	AKL-308	SEAL	2
6	AKS-309	HOUSING, can	2
7	AKL-310	O-RING	4
8	AKL-311	O-RING	4
9	AKS-312	ROD	2
10	AKS-313	PIPE	2
11	AKL-315	O-RING	2
12	AKL-316	SPACER	4
13	AKL-314	SPRING WASHER	2
14	AKL-317	NUT	2
15	AKS-305	RAM POST(Can type)	1

REPAIR INSTRUCTIONS

2019.08.27 Rev 2

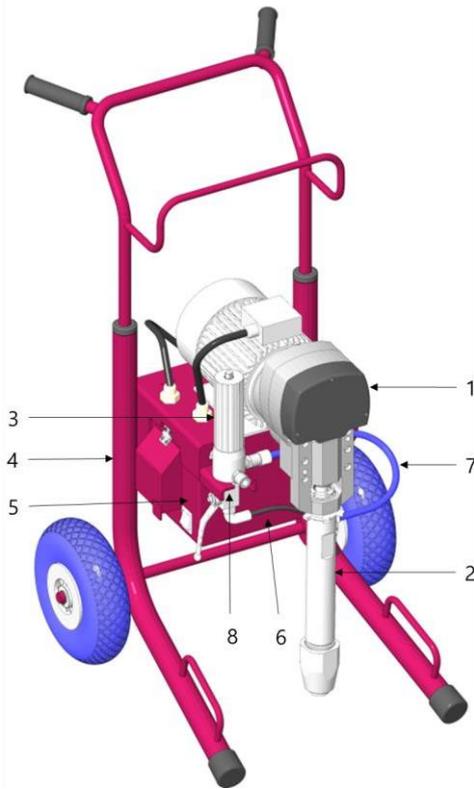
Part No. **AAE-M05**, Electric Pump



DSTech Co., LTD.
#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)
Tel: 82-51-207-8006
Fax: 82-51-207-8831
www.dstpump.com

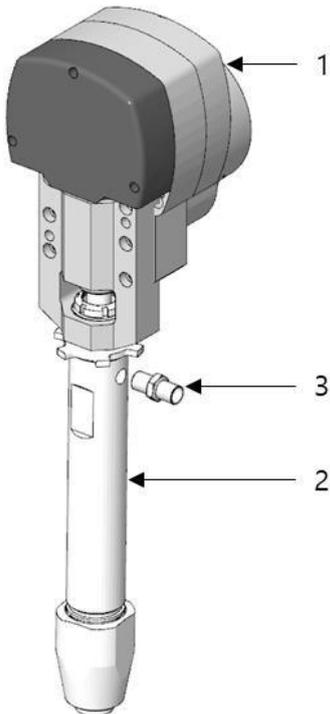
Part Drawing and Parts List

AAE-M05



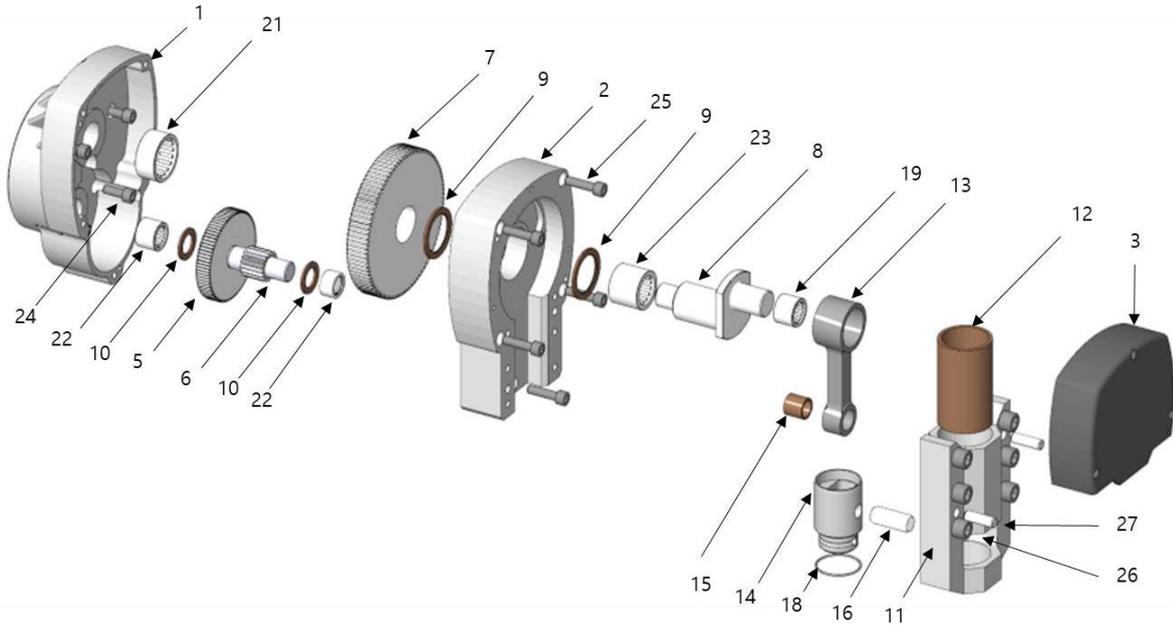
No	D Code	Description	Qty
1	M05-100	GEAR BOX	1
2	M05-200	DISPLACEMENT	1
3	M05-300	SURGE TANK	1
4	M05-400	FRAME	1
5	M05-500	TERMINAL BOX	1
6	M05-312	DRAIN HOSE	1
7	M05-900	HOSE	1
8	M05-907	WRENCH BOLT	2

AAE-M05-1 BARE



No	D Code	Description	Qty
1	M05-100	GEAR BOX	1
2	M05-200	DISPLACEMENT	1
3	M05-228	NIPPLE	1

M05-100 GEAR BOX Part Drawing

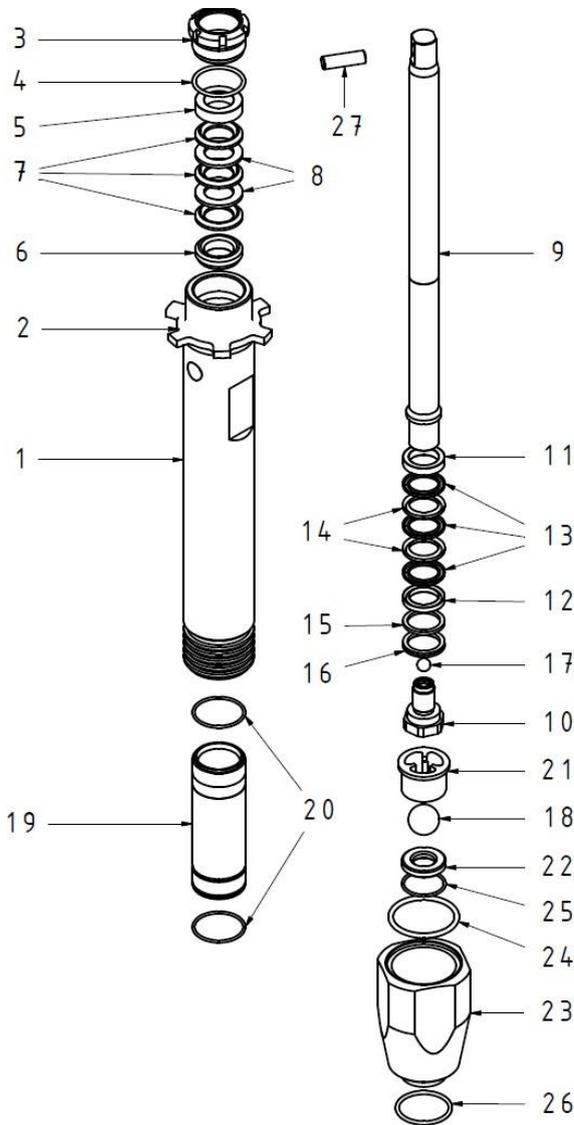


Parts

No	D Code	Description	Qty	No	D Code	Description	Qty
1	M05-101	HOUSING	1	15	M05-115	LINK BUSH	1
2	M05-102	GEAR BOX	1	16	M05-116	SK PIN	1
3	M05-103	COVER	1	18	M05-118	O-RING	1
5	M05-105	INPUT GEAR-A	1	19	M05-119	JOINT NEEDLE BEARING	1
6	M05-106	INPUT GEAR-B	1	21	M05-121	NEEDLE BEARING	1
7	M05-107	GEAR	1	22	M05-122	INPUT NEEDLE BEARING	2
8	M05-108	LINK SHAFT	1	23	M05-123	LINK NEEDLE BEARING	1
9	M05-109	COLAR-A	1	24	M05-901	BOLT	4
10	M05-110	COLAR-B	2	25	M05-902	BOLT	4
11	M05-111	SLIDE	2	26	M05-903	BOLT	1
12	M05-112	SLIDE BUSH	1	27	M05-904	BOLT	6
13	M05-113	JOINT BAR	1	27	M05-905	BOLT	4
14	M05-114	JOINT	1	28	M05-906	PIN	2

Parts drawing and Parts List

M05-200 DISPLACEMENT



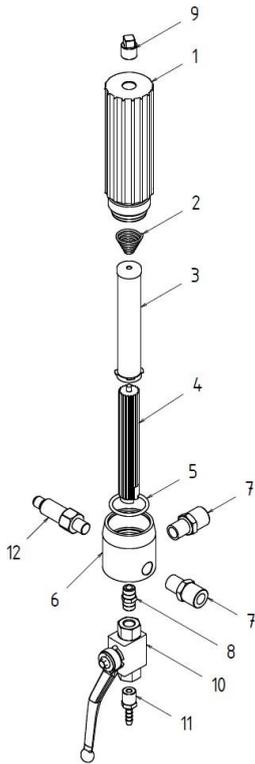
No	D Code	G code	Description	Qty
1	M05-201		CYLINDER	1
2	M05-202		NUT	1
3	M05-203	193-032	NUT PACKING	1
	M05-204	C20-987	O-RING	
	M05-205	15C-990	GLAND, female	
	M05-206	15C-989	GLAND, male	
	M05-207	193-124	V-PACKING	
	M05-208	183-175	V-PACKING	
9	M05-209	249-028	ROD	1
10	M05-210	240-150	VLAVE, piston	1
11	M05-211	183-178	GLAND, male	
12	M05-212	183-185	GLAND, female	
13	M05-213	193-125	V-PACKING	
14	M05-214	15E-329	V-PACKING	
15	M05-215	118-504	U-PACKING	
16	M05-216	15C-998	WASHER	
17	M05-217	101-947	BALL, piston	
18	M05-218	102-972	BALL, piston	
19	M05-219	240-525	SLEEVE	1
20	M05-220	107-098	O-RING	2
21	M05-221	196-967	BALL GLADE	1
22	M05-222	244-199	SEAT	1
23	M05-223		VALVE, intake	1
24	M05-224	156-663	O-RING	
25	M05-225	108-526	O-RING	
26	M05-226	118-494	O-RING	
27	M05-117		SK PIN	1

Note : part marked in color are the spare parts

KIT No M05-500(248-213)

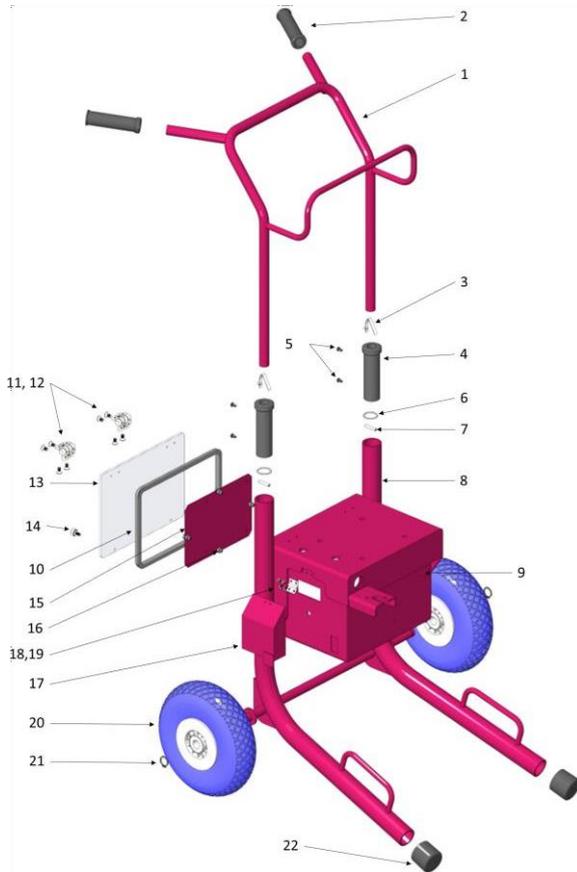
Part No 4, 5, 6, 7, 11, 12, 13, 14, 15, 16, 17, 18, 20, 24, 25, 26 Included in Repair Kit
 No 8 V-PACKING 3ea
 No 14 V-PACKING 3ea

M05-300 SURGE TANK



No	D Code	Description	Qty
1	M05-301	BOWL, filter	1
2	M05-302	SPRING	1
3	M05-303	SCREEN	1
4	M05-304	SUPPORT	1
5	M05-305	O-RING	1
6	M05-306	HOUSING, filter	1
7	M05-307	NIPPLE	2
8	M05-308	NIPPLE	1
9	M05-309	PLUG	1
10	M05-310	BALL VALVE	1
11	M05-311	HOSE NIPPLE	1

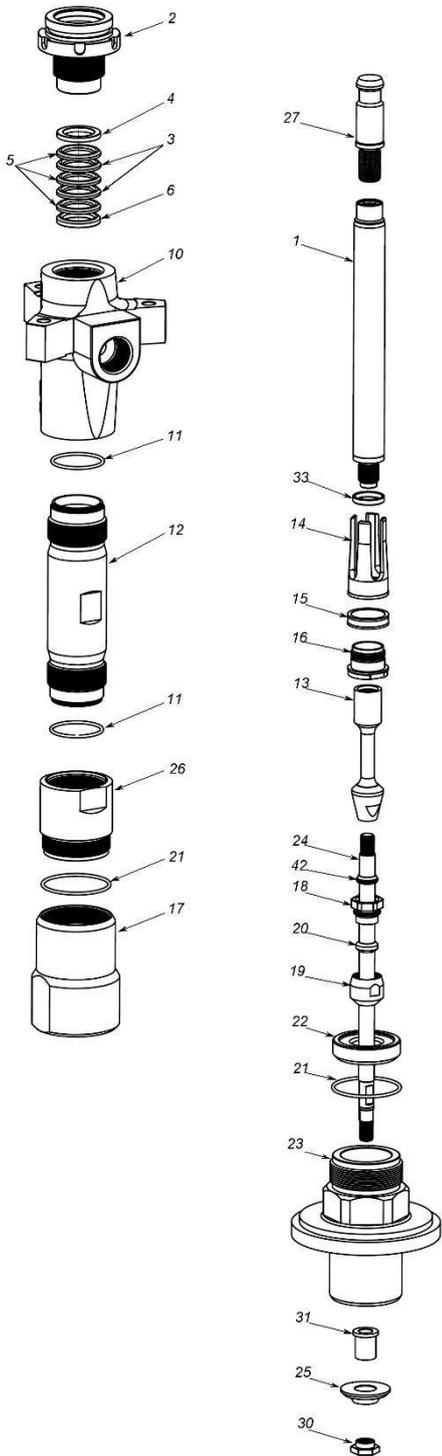
M05-400 FRAME



NO	D CODE	DESCRIPTION	Q'TY
1	M05-401	CART HANDLE	1
2	M05-402	HANDLE	2
3	M05-403	SPRING BUTTON	2
4	M05-404	COLLAR, cart	2
5	M05-405	SCREW, cart	4
6	M05-406	COLAR, handle	2
7	M05-407	SPRING PIN	2
8	M05-408	CART FRAME	1
9	M05-409	CONTROL BOX	1
10	M05-410	PACKING	1
11	M05-411	SCREW, cover	8
12	M05-412	HINGE, cover	2
13	M05-413	BOX COVER	1
14	M05-414	BOX BOLT	2
15	M05-415	INNER PLATE	1
16	M05-416	SCREW, plate	4
17	M05-417	GAGE COVER	1
18	M05-418	SPRING HINGE	1
19	M05-419	SCREW, gage cover	4
20	M05-420	CART CASTER	2
21	M05-421	SNAP RING	2
22	M05-422	FRAME CAP	2

Parts drawing and Parts List

PUMP



Note : part marked in color are the spare part

No	D Part No	G Part No	Description	Qty
1	C450-001		ROD, displacement	1
2	C450-002	184-039	NUT, packing	1
3	C450-003	184-302	V-PACKING,leather	2
4	C450-004	184-172	GLAND, female	1
5	C450-005	109-252	V-PACKING,uhmwpe	3
6	C450-006	184-222	GLAND, male	1
10	C450-010	184-038	HOUSING, outlet	1
11	C450-011	109-205	O-RING	2
12	C450-012	184-043	CYLINDER	1
13	C450-013	184-042	PISTON	1
14	C450-014	184-043	GUIDE	1
15	C450-015	184-053	SEAL, piston	1
16	C450-016	184-052	SEAT, piston	1
17	C450-017		HOUSING,	1
18	C450-018	184-493	NUT, packing	1
19	C450-019	184-616	VALVE BODY	1
20	C450-020	184-049	SEAL	1
21	C450-021	187-860	SEAL	1
22	C450-022	184-617	SEAT, intake	1
23	C450-023	187-859	CYLINDER	1
24	C450-024	187-858	ROD	1
25	C450-025	184-051	PISTON, priming	1
26	C450-026		HOUSING	1
27	C450-027		CONNECTING ROD	1
30	C450-030	184-121	NUT, priming	1
31	C450-031	184-122	GUIDE, priming	1
33	C450-033	184-124	SPACER	1
42	C450-042	184-469	SEAL	1

REPAIR KIT No :C450-500 (222-773)

With 11, 15, 20, 21, 42,

REPAIR KIT No :C450-501 (222-793)

With 19, 20, 21, 22, 42

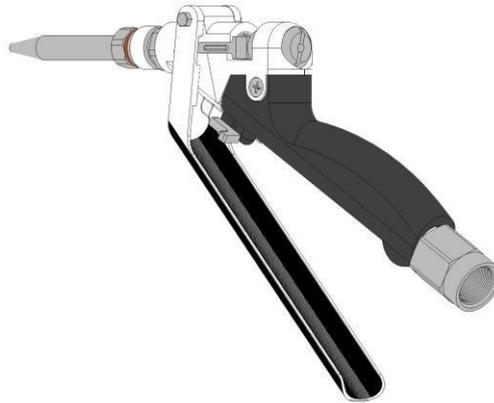
U-T Gun

2022.04.18 REV 10

5000 psi (350 bar, 35 MPa) Maximum Working Pressure
Ball End Valve Needle

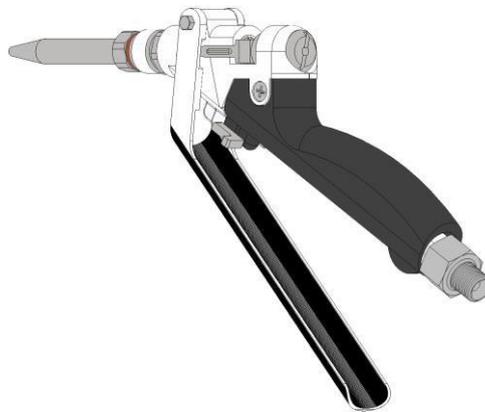
MODEL G330-100

Inlet 1/2"-14 NPSM



MODEL G330-200

Inlet 1/4" NPT



DSTech Co., LTD.

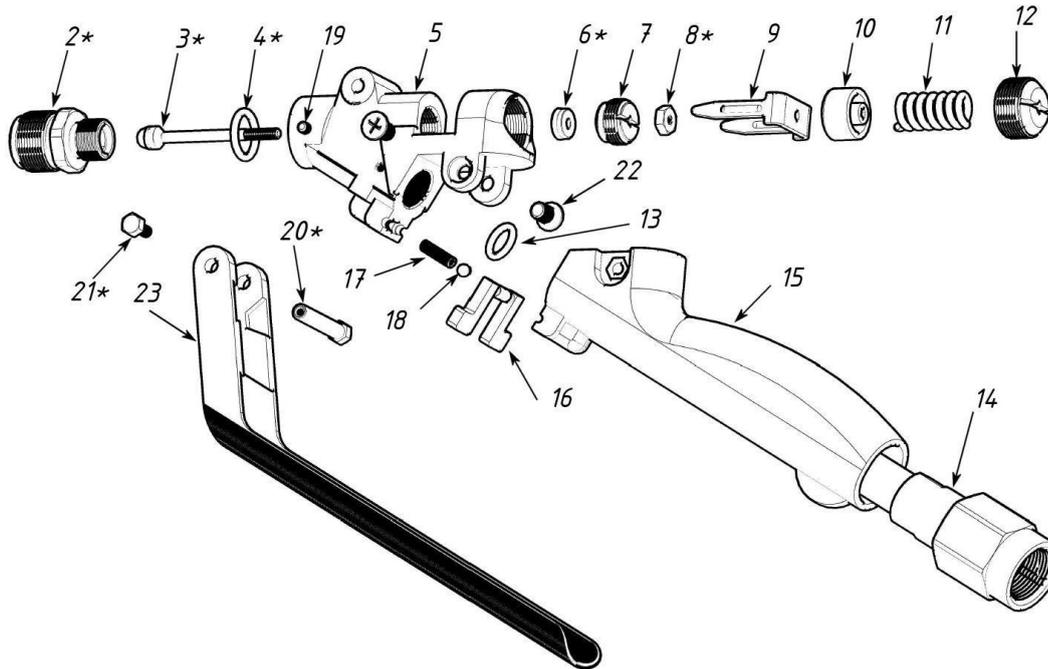
#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)

Tel: 82-51-207-8006

Fax: 82-51-207-8831

www.dstpump.com

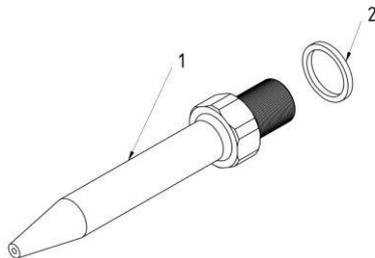
Parts



No	D Code	G Code	Description	Qty	No	D Code	G Code	Description	Qty
2	G330-102	236-235	VALVE SEAT	1	14	G330-114		TUBE G330-100	1
3	G330-103	236-234	VALVE STEM	1	14	G330-214		TUBE G330-200	1
4	G330-104	102-982	O-RING	1	15	G330-115	188-231	HANDLE	1
5	G330-105	188-242	HOUSING	1	16	G330-116	188-232	TLOCK, trigger	1
6	G330-106	102-921	SEAL	1	17	G330-117	111-902	SPRING,	1
7	G330-107	188-271	RETAINER, seal	1	18	G330-118	102-233	BALL	1
8	G330-108	100-975	NUT	1	19	G330-119	120-048	SET SCREW	1
9	G330-109	188-246	BRACKET	1	20	G330-120	189-055	ROD	1
10	G330-110	188-275	HOUSING, spring	1	21	G330-121	112-410	BOLT	1
11	G330-111	102-924	SPRING	1	22	G330-122	111-904	SCREW	2
12	G330-112	188-247	SCREW, spring	1	23	G330-123	237-604	TRIGGER	1
13	G330-113	111-316	O-RING	1					

These parts are included in repair kit which may be purchased separately. **Repair kit D code : G330-500** included (2, 3, 4, 6, 8, 20, 21)

Option NOZZLE



No	D Code	Description
1	G330-126	NOZZLE
2	G830-007	GASKET

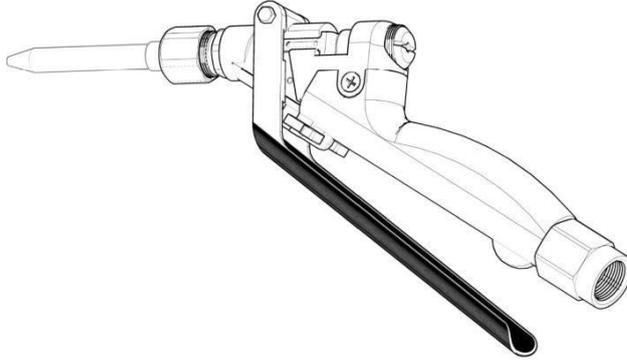
U-T Gun

2018.04.23 REV 9

5000 psi (350 bar, 35 MPa) Maximum Working Pressure
Ball End Valve Needle

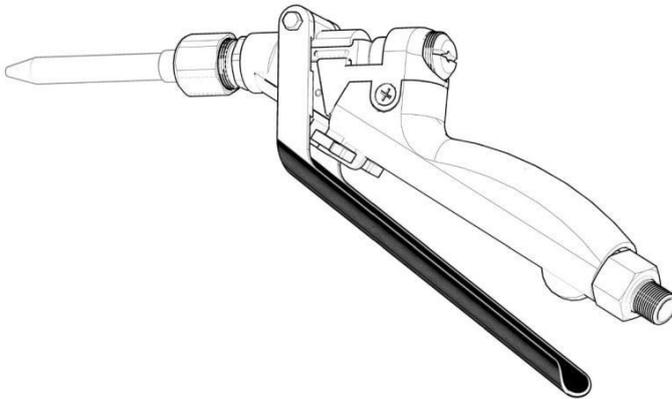
MODEL G330-100

Inlet 1/2"-14 npsm



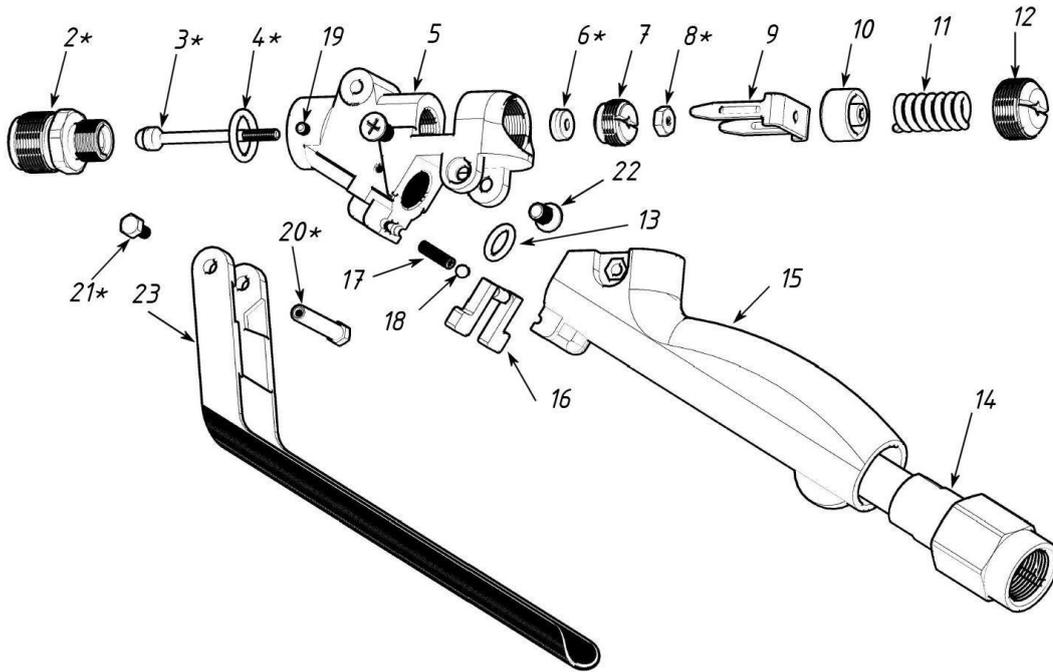
MODEL G330-200

Inlet 1/4" NPT



DSTech Co., LTD.
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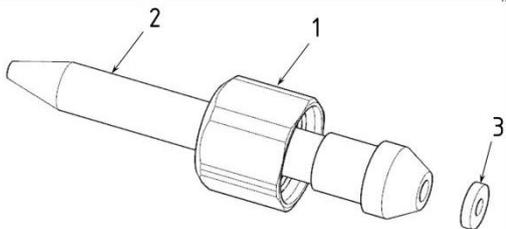
Parts



No	D Code	G Code	Description	Qty	No	D Code	G Code	Description	Qty
2	G330-102	236-235	VALVE SEAT	1	14	G330-114		TUBE G330-100	1
3	G330-103	236-234	VALVE STEM	1	14	G330-214		TUBE G330-200	1
4	G330-104	102-982	O-RING	1	15	G330-115	188-231	HANDLE	1
5	G330-105	188-242	HOUSING	1	16	G330-116	188-232	TLOCK, trigger	1
6	G330-106	102-921	SEAL	1	17	G330-117	111-902	SPRING,	1
7	G330-107	188-271	RETAINER, seal	1	18	G330-118	102-233	BALL	1
8	G330-108	100-975	NUT	1	19	G330-119	120-048	SET SCREW	1
9	G330-109	188-246	BRACKET	1	20	G330-120	189-055	ROD	1
10	G330-110	188-275	HOUSING, spring	1	21	G330-121	112-410	BOLT	1
11	G330-111	102-924	SPRING	1	22	G330-122	111-904	SCREW	2
12	G330-112	188-247	SCREW, spring	1	23	G330-123	237-604	TRIGGER	1
13	G330-113	111-316	O-RING	1					

These parts are included in repair kit which may be purchased separately. **Repair kit D code : G330-500** included (2, 3, 4, 6, 8, 20, 21)

Option NOZZLE



No	D Code	Description
1	G330-101	NUT, nozzle
2	G740-004	NOZZLE
3	G330-126	GASKET

HV U-T Gun

5000 psi (350 bar, 35 MPa) Maximum Working Pressure Ball End Valve Needle

Inline Texture Gun

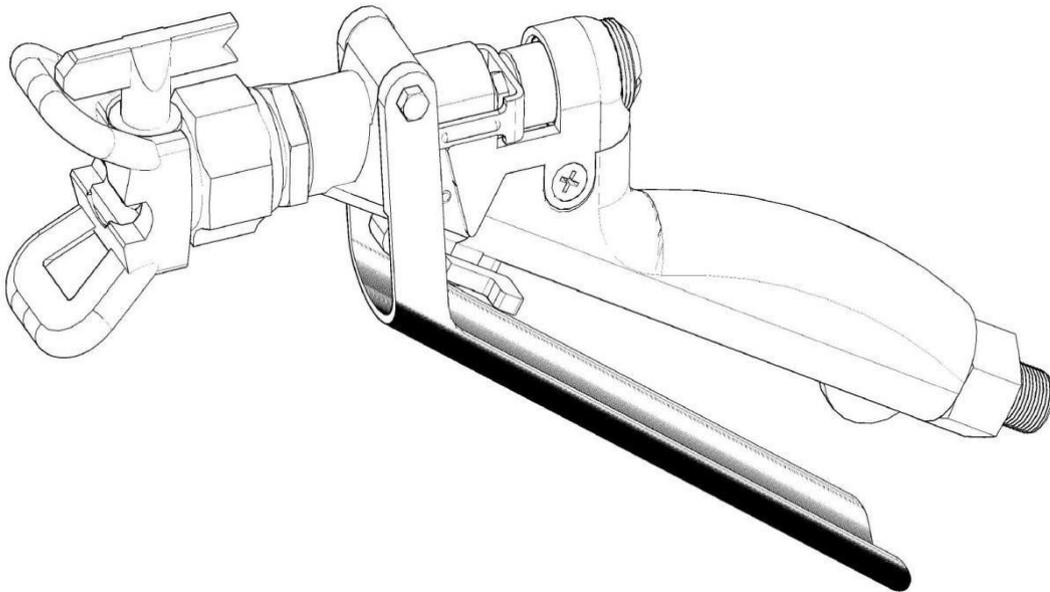
Inlet 1/4" npt Outlet 7/8"-14

MODEL G340-100 bare

MODEL G340-200 flat tip guard **MODEL G340-300** switch tip guard

R5 MODEL G340-400 switch tip guard RX

2018.04.23 REV9



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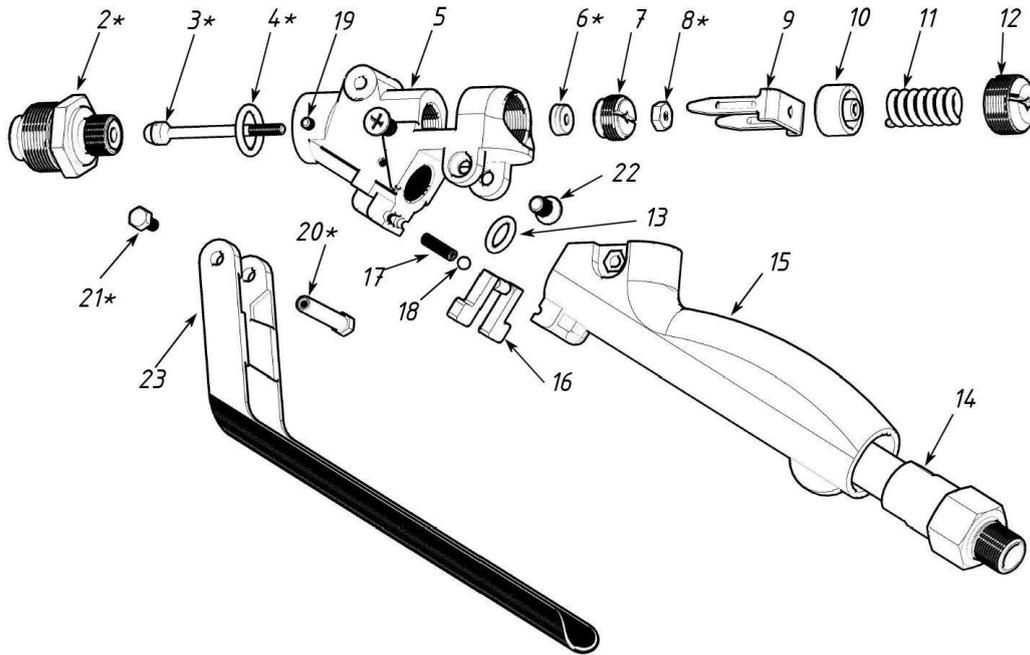
**#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)**

Tel: 82-51-207-8006

Fax: 82-51-207-8831

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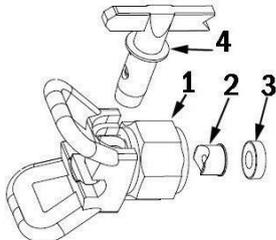
Parts



No	D Code	G Code	Description	Qty	No	D Code	G Code	Description	Qty
2	G340-102		VALVE SEAT	1	13	G330-113	111-316	O-RING	1
3	G330-103	236-234	VALVE STEM	1	14	G340-114		TUBE	1
4	G330-104	102-982	O-RING	1	15	G330-115	188-231	HANDLE	1
5	G330-105	188-242	HOUSING	1	16	G330-116	188-232	TLOCK, trigger	1
6	G330-106	102-921	SEAL	1	17	G330-117	111-902	SPRING,	1
7	G330-107	188-271	RETAINER, seal	1	18	G330-118	102-233	BALL	1
8	G330-108	100-975	NUT	1	19	G330-119	120-048	SET SCREW	1
9	G330-109	188-246	BRACKET	1	20	G330-120		ROD	1
10	G330-110	188-275	HOUSING, spring	1	21	G330-121		BOLT	1
11	G330-111	102-924	SPRING	1	22	G330-122	111-904	SCREW	2
12	G330-112	188-247	SCREW, spring	1	23	G330-123	237-604	TRIGGER	1

These parts are included in repair kit which may be purchased separately. **Repair kit D Code : G340-500** included (2, 3, 4, 6, 8, 20, 21)

Option S/W Tip GUARD



No	D Code	Description	Qty
1	ASTG-501	S/W TIP GUARD RAC 5	1
	ASTG-X01	S/W TIP GUARD RAC X	
2	ASTG-003	SADDLE	1
3	ASTG-004	PACKING	1
4	AST5-XXX	S/W TIP	1

HV U-T Gun

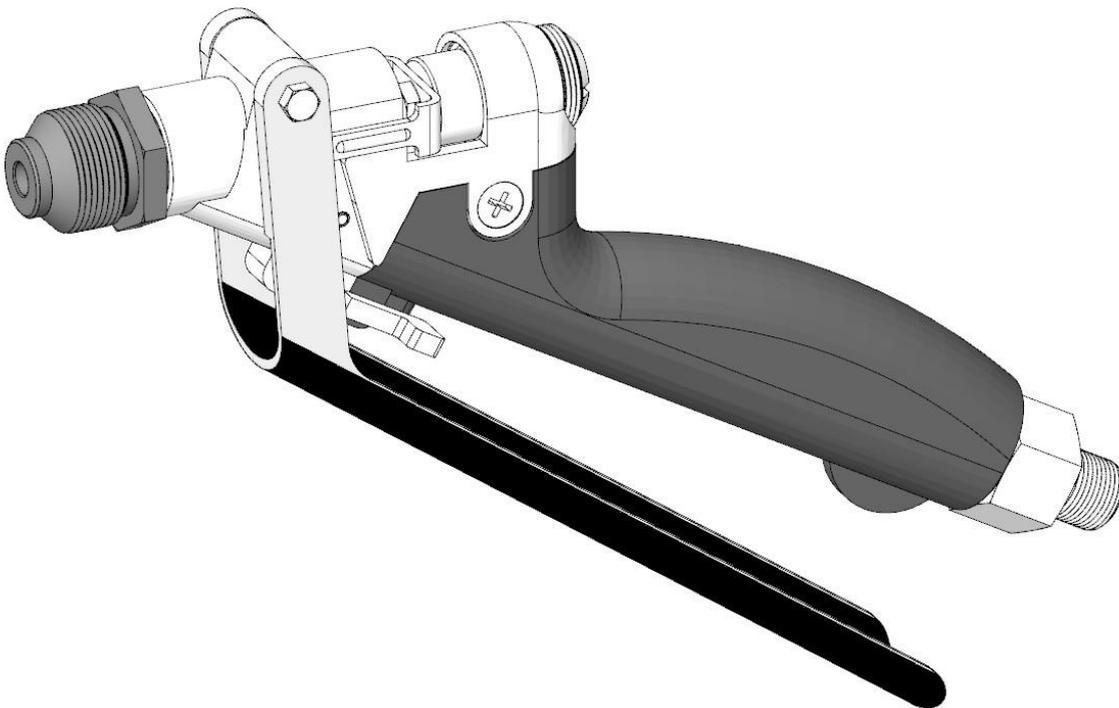
2019.10.15 REV10

5000 psi (350 bar, 35 MPa) Maximum Working Pressure
Ball End Valve Needle

Inline Texture Gun

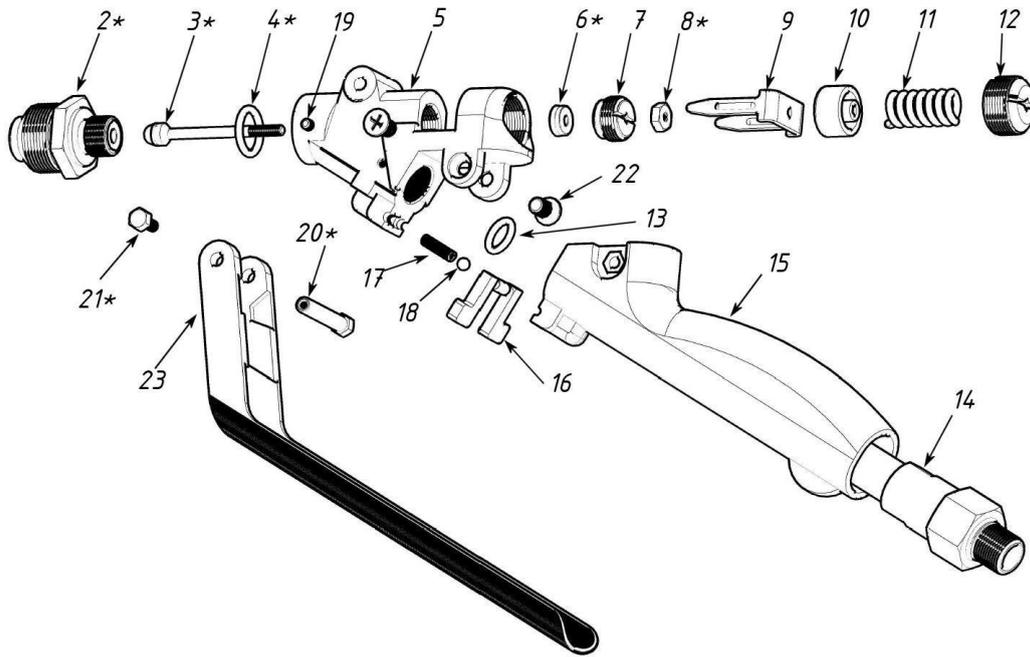
MODEL G341-100

Inlet 1/4" npt Outlet 11/16"-16



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Parts



No	D Code	G Code	Description	Qty	No	D Code	G Code	Description	Qty
2	G341-102		VALVE SEAT	1	13	G330-113	111-316	O-RING	1
3	G330-103	236-234	VALVE STEM		14	G330-114		TUBE	1
4	G330-104	102-982	O-RING	1	15	G330-115	188-231	HANDLE	1
5	G330-105	188-242	HOUSING	1	16	G330-116	188-232	TLOCK, trigger	1
6	G330-106	102-921	SEAL	1	17	G330-117	111-902	SPRING,	1
7	G330-107	188-271	RETAINER, seal	1	18	G330-118	102-233	BALL	1
8	G330-108	100-975	NUT	1	19	G330-119	120-048	SET SCREW	1
9	G330-109	188-246	BRACKET	1	20	G330-120		ROD	1
10	G330-110	188-275	HOUSING, spring	1	21	G330-121		BOLT	1
11	G330-111	102-924	SPRING	1	22	G330-122	111-904	SCREW	2
12	G330-112	188-247	SCREW, spring	1	23	G330-123	237-604	TRIGGER	1

These parts are included in repair kit which may be purchased separately. **Repair kit D code : G341-500**
 included (2, 3, 4, 6, 8, 20, 21)

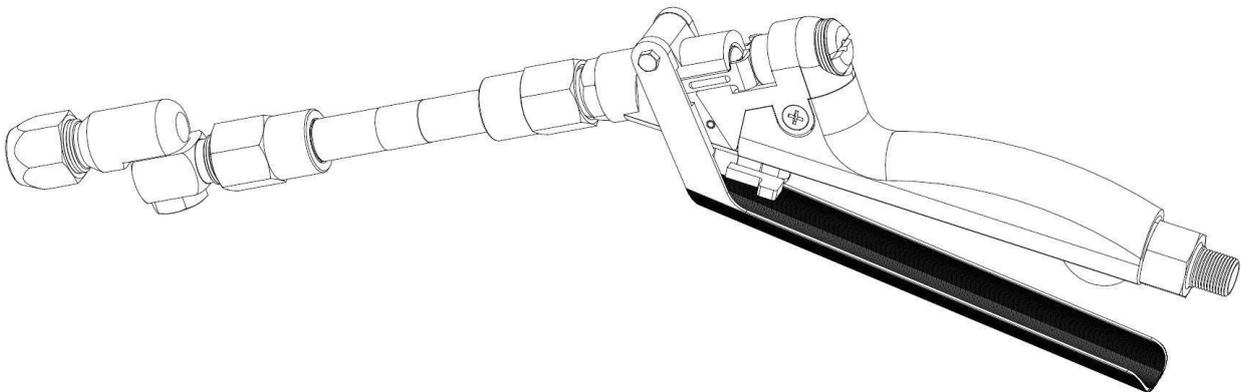
U-T POLE GUN

2018.04.23 REV8

5000 psi (345 bar) Maximum Working Pressure Fluid Inlet 1/4nps

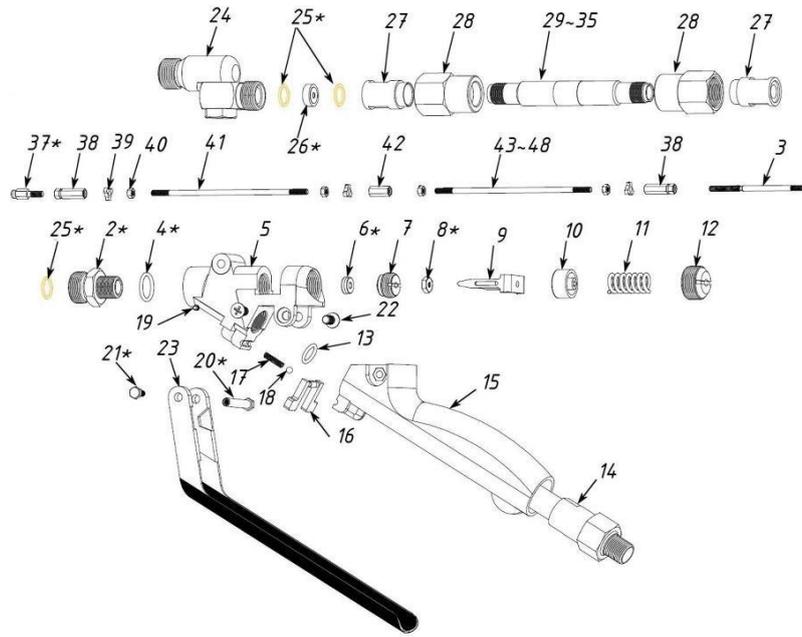
MODEL	G351-100	1 feet	(300 mm) length
MODEL	G352-100	2 feet	(600 mm) length
MODEL	G353-100	3 feet	(900 mm) length
MODEL	G354-100	4 feet	(1.2 m) length
MODEL	G355-100	5 feet	(1.5 m) length
MODEL	G356-100	6 feet	(1.8 m) length
MODEL	G358-100	8 feet	(2.4 m) length

A PATENT APPLICATION



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Parts

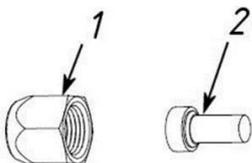


No	D Code	Description	Qty	No	D Code	Description	Qty
2	G350-102	ADAPTER	1	25	G720-006	GASKET	3
3	G350-103	ROD	1	26	G730-029	SEAT	1
4	G330-104	O-RING	1	27	G720-040	TUBE SCOKET	2
5	G330-105	HOUSING	1	28	G720-041	TUBE NUT	2
6	G330-106	SEAL	1	29	G720-042	G721 TUBE	
7	G330-107	RETAINER, seal	1	30	G720-043	G722 TUBE	
8	G330-108	NUT	1	31	G720-044	G723 TUBE	
9	G330-109	BRACKET	1	32	G720-045	G724 TUBE	
10	G330-110	HOUSING, spring	1	33	G720-046	G725 TUBE	
11	G330-111	SPRING	1	34	G720-047	G726 TUBE	
12	G330-112	SCREW, spring	1	35	G720-048	G728 TUBE	
13	G330-113	O-RING	1	37	G720-026	STEM. valve	1
14	G330-114	TUBE	1	38	G720-036	JOINT NUT	2
15	G330-115	HANDLE	1	39	G720-037	GUIDE	
16	G330-116	TLOCK, trigger	1	40	G720-038	NUT	
17	G330-117	SPRING,	1	41	G720-049	G721STEM 98mm	
18	G330-118	BALL	1	42	G720-039	MIDDLE JOINT NUT	
19	G330-119	SET SCREW	1	43	G720-050	G722 STEM 398mm	
20	G330-120	ROD	1	44	G720-051	G723 STEM 698mm	
21	G330-121	BOLT	1	45	G720-052	G724 STEM 300mm + 698mm	
22	G330-122	SCREW	2	46	G720-053	G725 STEM 600mm + 698mm	
23	G330-123	TRIGGER	1	47	G720-054	G726 STEM 300 + 600 + 698mm	
24	AGES-007	Nozzle SWIVEL	1	48	G720-055	G728 STEM 300+600+600+698mm	

These parts are included in repair kit which may be purchased separately.

Repair kit D code : **G350-500** included (2, 3, 4, 6, 8, 20, 21, 25, 26, 37)

Option Tip Filet



No	D Code	Description	Qty
1	G720-031	TIP NUT	1
2	ATOW-XXX	TIP FILET	1

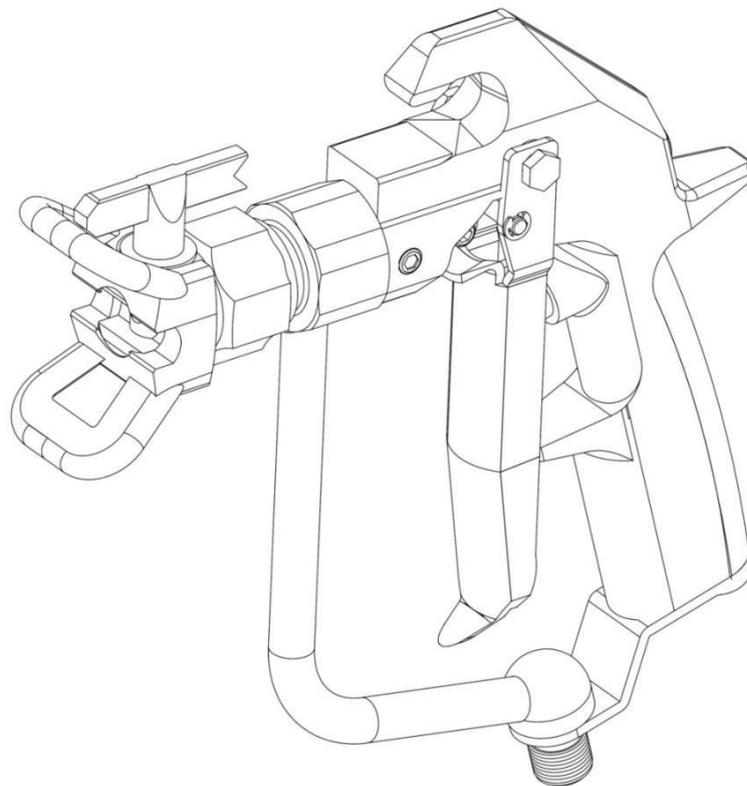
Airless Spray Gun

2018.03.12 REV5

7400 psi (510 bar, 50.8 MPa) Maximum Working Pressure

The spray tip is not included with the gun. Order the tip separately

MODEL	G510-000	bare
MODEL	G510-401	flat tip housing & nut
MODEL	G510-402	switch tip guard R5
MODEL	G510-403	switch tip guard RX



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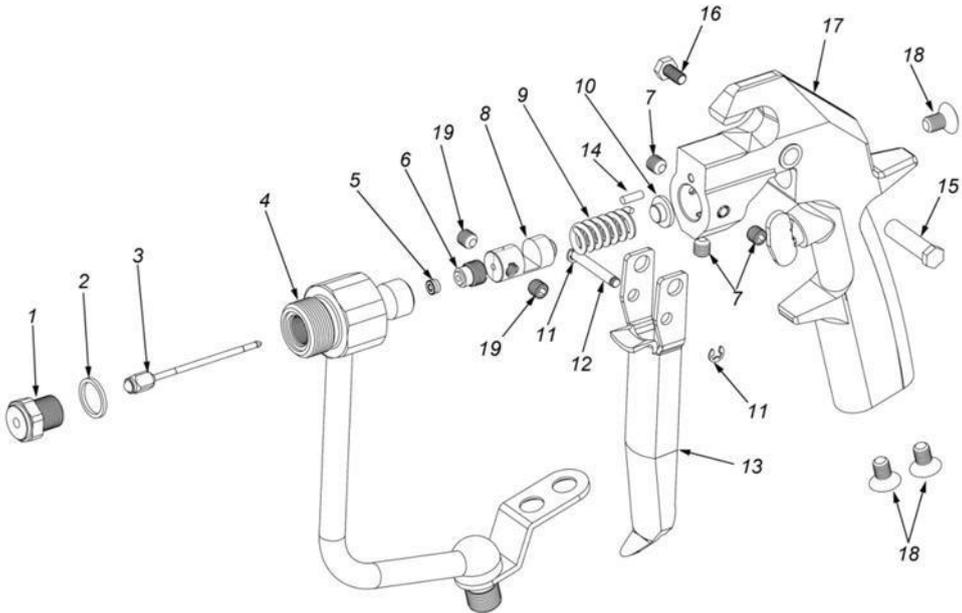
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Fax: 82-51-207-8831

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Parts



No	D Code	Description	Qty	No	D Code	Description	Qty
1	G510-001	SEAT	1	11	G510-011	SNAP RING	2
2	G510-002	GASKET, copper	1	12	G510-012	TRIGGER PIN	1
3	G510-003	NEEDLE	1	13	G510-013	TRIGGER	1
4	G510-004	FLUID HOUSING	1	14	G510-014	SPRING PIN	1
5	G510-005	SEAL	1	15	G510-015	PIVOT PIN	1
6	G510-006	SEAL RETAINER	1	16	G510-016	SCREW	1
7	G510-007	SET SCREW	3	17	G510-017	GUN BODY	1
8	G510-008	SPRING GUIDE	1	18	G510-018	SCREW	3
9	G510-009	SPRING	1	19	G510-019	SET SCREW	2
10	G510-010	SPRING ADJUSTER	1				

These parts are included in repair kit which may be purchased separately. **Repair kit D code : G510-500** included (1,2,3,5,6 installation tool)

PFS Spray Gun

2018.03.12 REV5

7400 psi (510 bar, 50.8 MPa) Maximum Working Pressure

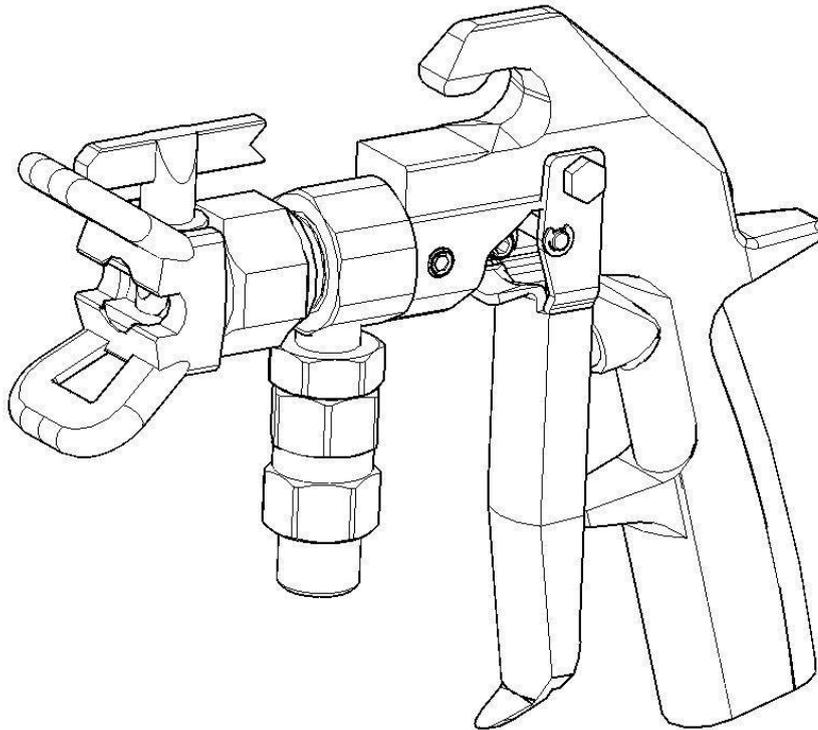
The spray tip is not included with the gun. Order the tip separately

MODEL G530-000

MODEL G530-401 flat tip housing & nut

MODEL G530-402 switch tip guard R5

MODEL G530-403 switch tip guard RX



DSTech Co., LTD.

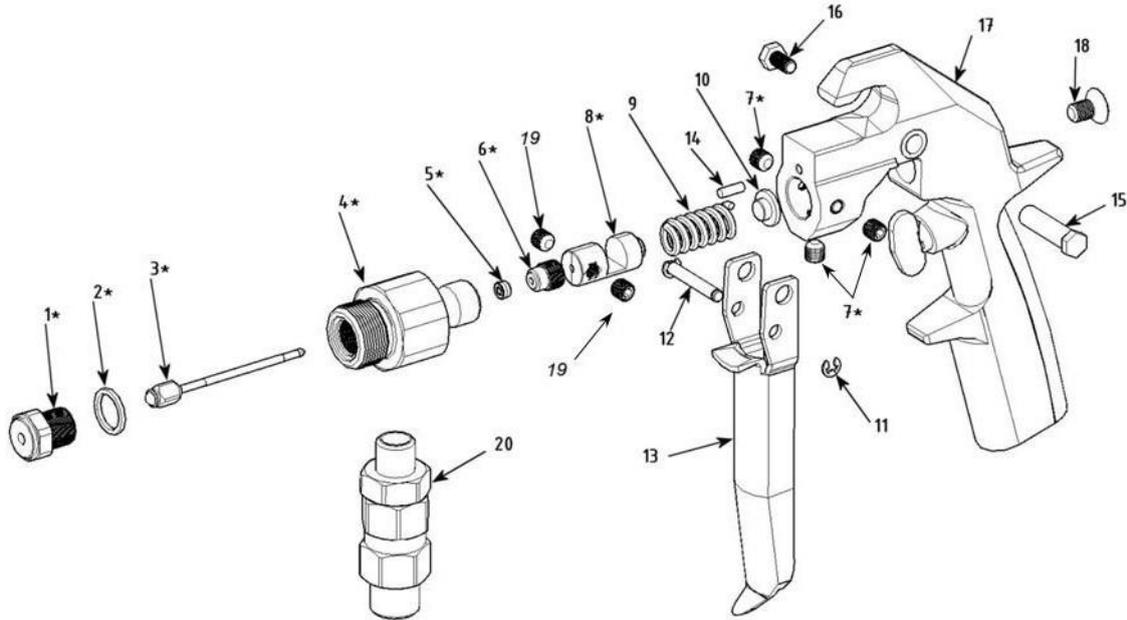
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PFS Spray Gun Parts



No	D Code	Description	Qty	No	D Code	Description	Qty
1	G510-001	SEAT	1	11	G510-011	SNAP RING	2
2	G510-002	GASKET, copper	1	12	G510-012	TRIGGER PIN	1
3	G510-003	NEEDLE	1	13	G510-013	TRIGGER	1
4	G530-004	FLUID HOUSING	1	14	G510-014	SPRING PIN	1
5	G510-005	SEAL	1	15	G510-015	PIVOT PIN	1
6	G510-006	SEAL RETAINER	1	16	G510-016	SCREW	1
7	G510-007	SET SCREW	3	17	G510-017	GUN BODY	1
8	G510-008	SPRING GUIDE	1	18	G510-018	SCREW	1
9	G510-009	SPRING	1	20	ASH4-001	SWIVEL	1
10	G510-010	SPRING ADJUDTER	1	21	G510-019	SET SCREW	2

These parts are included in repair kit which may be purchased separately. Repair kit D code : G530-500 included (1,2,3,4, 5,6, 7, 8 installation tool)

L-STRONG POLE

2018.05.09 REV8

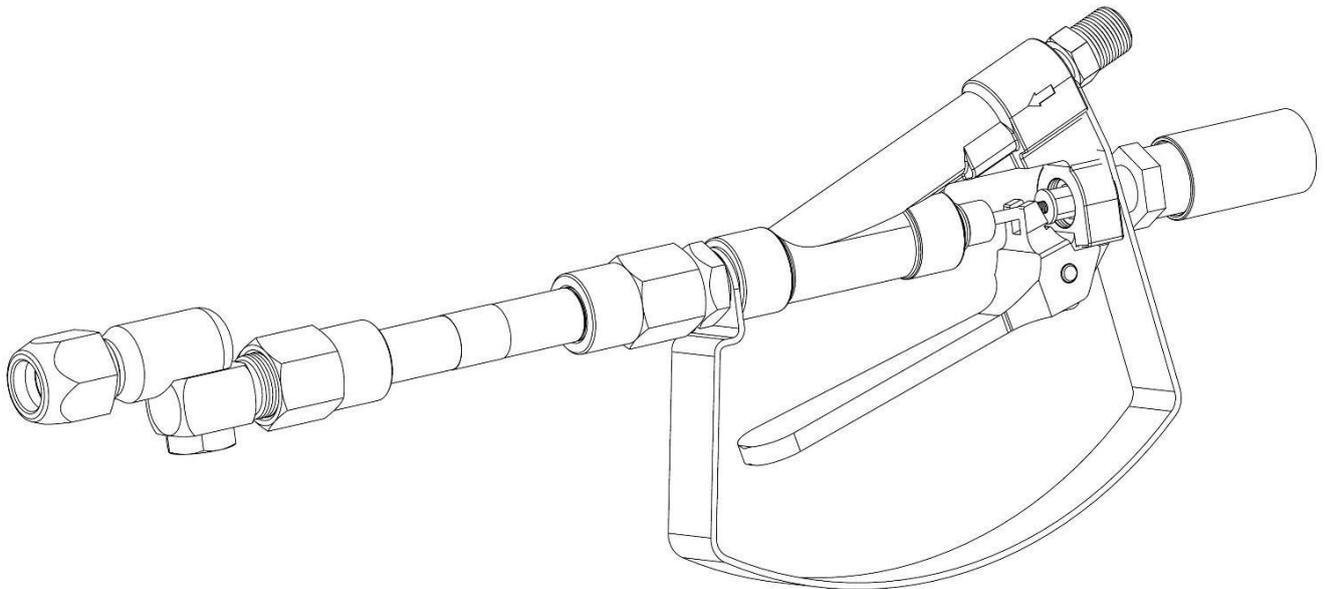
Forging Aluminum alloy Body

5000 psi (345 bar) Maximum Working Pressure Fluid Inlet 1/4nps

The Leather V-packing included with the gun

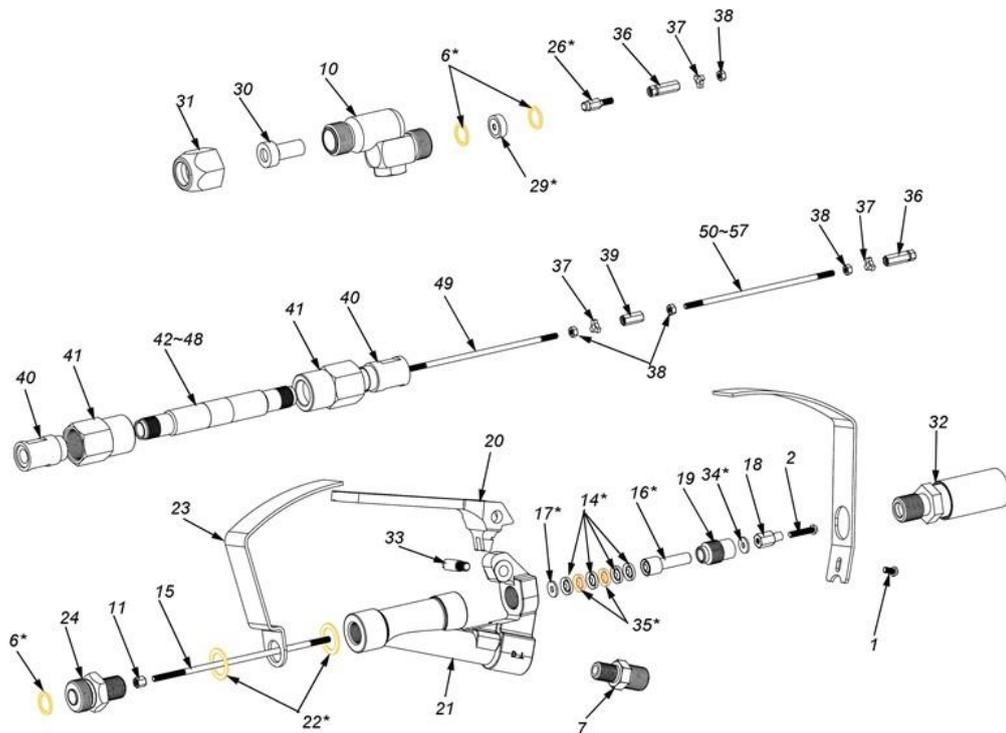
Part No. G721-100	1 feet	(300 mm) length
Part No. G722-100	2 feet	(600 mm) length
Part No. G723-100	3 feet	(900 mm) length
Part No. G724-100	4 feet	(1.2 m) length
Part No. G725-100	5 feet	(1.5 m) length
Part No. G726-100	6 feet	(1.8 m) length
Part No. G728-100	8 feet	(2.4 m) length

A PATENT APPLICATION



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Parts



No	Code	G Code	Description	Qty	No	Code	G Code	Description	Qty
1	G730-001	110-037	Screw	1	35	G730-035		Packing(Leather)	2
2	G730-002	104-301	Cap Screw	1	36	G720-036		JOINT NUT	2
6	G720-006		Gasket	3	37	G720-037		GUIDE	
7	G730-007	162-453	Nipple	1	38	G720-038		NUT	
10	G720-010 (AGES-007)		NOZZLE, swivel	1	39	G720-039		MIDDLE JOINT NUT	
11	G730-011	162-623	NUT	1	40	G720-040		TUBE SCOKET	2
14	G730-014	165-672	Packing(PTFE)	4	41	G720-041		TUBE NUT	2
15	G730-015	165-673	ROD	1	42	G720-042		G721 TUBE	
16	G730-016	165-674	GLAND (F)	1	43	G720-043		G722 TUBE	
17	G730-017	165-675	GLAND (M)	1	44	G720-044		G723 TUBE	
18	G730-018	165-676	NUT	1	45	G720-045		G724 TUBE	
19	G730-019	165-677	SCREW	1	46	G720-046		G725 TUBE	
20	G730-120	190-654	HANDLE	1	47	G720-047		G726 TUBE	
21	G730-121	165-679	BODY(AL)	1	48	G720-048		G728 TUBE	
22	G730-022	168-845	GASKET (copper)	2	49	G720-049		G721 STEM 98mm	
23	G730-023	224-707	GUARD	1	50	G720-050		G722 STEM 398mm	
24	G720-024		ADAPTER	1	51	G720-051		G723 STEM 698mm	
26	G730-026	218-903	STEM. valve	1	52	G720-052		G724 STEM 300mm + 698mm	
29	G730-029	218-902	SEAT	1	53	G720-053		G725 STEM 600mm + 698mm	
30	ATOW-XXX		TIP FILTER		54	G720-054		G726 STEM 300 + 600 + 698mm	
31	G730-031	220-255	TIP NUT	1	55	G720-055		G728 STEM 300+600+600+698mm	
32	G730-032	210-170	SAFETY KNOB	1	56	G720-056		STEM 300mm	
33	G730-033	165-086	SCREW	1	57	G720-057		STEM 600mm	
34	G730-034	151-395	WASHER	1					

Note : part marked in color are the Repair kit D code : **G720-500**

SAFETY KNOB



No	D Code	G Code	Description
1	G730-032	210-170	SAFETY KNOB(350 bar)
2	G730-032		SAFETY KNOB(250 bar)

POLE GUN

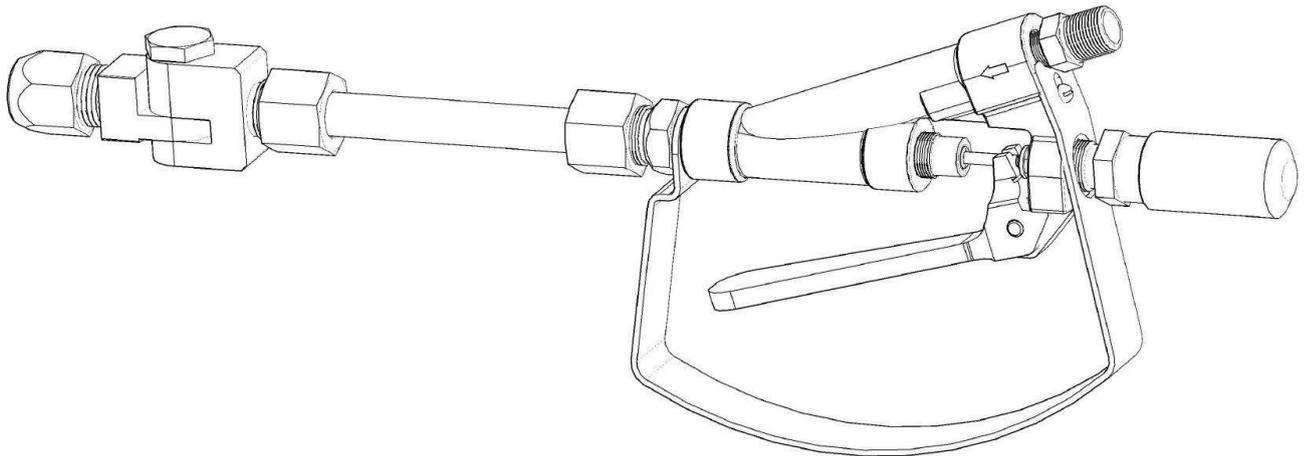
2015.09.21 rev8

Forging Aluminum alloy Body

5000 psi (345 bar) Maximum Working Pressure Fluid Inlet 1/4nps

The Leather V-packing included with the gun

Part No. G731-100 (237-768)	1 feet	(300 mm) length
Part No. G732-100 (237-769)	2 feet	(600 mm) length
Part No. G733-100 (205-129)	3 feet	(910 mm) length
Part No. G734-100 (237-770)	4 feet	(1.2 m) length
Part No. G735-100	5 feet	(1.5 m) length
Part No. G736-100 (204-979)	6 feet	(1.8 m) length
Part No. G738-100 (205-130)	8 feet	(2.4 m) length



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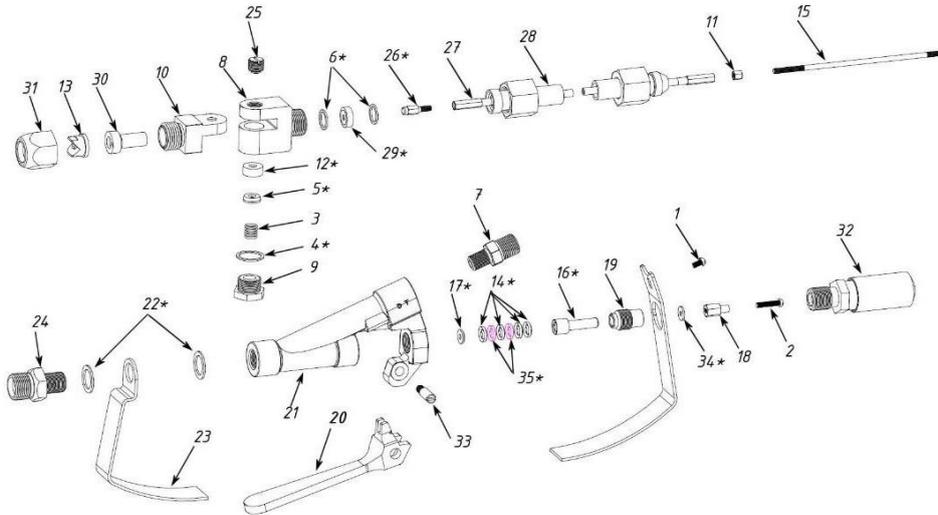
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Fax: 82-51-207-8831

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Parts



Note : part marked in color are the Repair Kit parts D part No **G730-501**

No	Code	G Code	Description	Qty	No	Code	G Code	Description	Qty
1	G730-001	110-037	Screw	1	19	G730-019	165-677	SCREW	1
2	G730-002	104-301	Cap Screw	1	20	G730-120	190-654	HANDLE	1
3	G730-003	150-081	Spring	1	21	G730-121	165-679	BODY(AL)	1
4	G730-004	150-451	Gasket (copper)	1	22	G730-022	168-845	GASKET (copper)	2
5	G730-005	151-395	Washer	1	23	G730-023	224-707	GUARD	1
6	G730-006	160-671	Gasket (copper)	2	24	G730-024	168-847	ADAPTER	1
7	G730-007	162-453	Nipple	1	25	G730-025	205-032	SCREW	1
8	G730-008	162-615	HOUSING, swivel	1	26	G730-026	218-903	STEM, valve	1
9	G730-009	162-617	Plug	1	27			STEM, extension	1
10	G730-010	162-618	NOZZLE, swivel	1	28			TUBE, extension	1
11	G730-011	162-623	NUT	1	29	G730-029	218-902	SEAT	1
12	G730-012	176-238	SEAL,	1	30	ATOW-XXX		TIP FILTER	
14	G730-014	165-672	Packing(PTFE)	4	31	G730-031	220-255	TIP NUT	1
15	G730-015	165-673	ROD	1	32	G730-032	210-170	SAFETY KNOB	1
16	G730-016	165-674	GLAND (F)	1	33	G730-033	165-086	SCREW	1
17	G730-017	165-675	GLAND (M)	1	34	G730-034	151-395	WASHER	1
18	G730-018	165-676	NUT	1	35	G730-035		Packing(Leather)	2

STEM ,extension

TUBE ,extension

No	D Code	G Code	Description	Qty	No	D Code	G Code	Description	Qty
27	G730-271	237-768	For model G731-000		28	G730-281	205-131	For model G731-000	
	G730-272	237-769	For model G732-000			G730-282	205-035	For model G732-000	
	G730-273	205-129	For model G733-000			G730-283	205-133	For model G733-000	
	G730-274	237-770	For model G734-000			G730-284	237-776	For model G734-000	
	G730-275		For model G735-000			G730-285		For model G735-000	
	G730-276	204-979	For model G736-000			G730-286	237-777	For model G736-000	
G730-278	205-130	For model G738-000		G730-288	237-778	For model G738-000			

POLE GUN NOZZLE



No	D Code	G Code	Description
1	G730-600		GUN NOZZLE

SAFETY KNOB



No	D Code	Description
1	G730-032	350 BAR SAFETY KNOB
2	G730-042	250 BAR SAFETY KNOB

IN LINE GUN

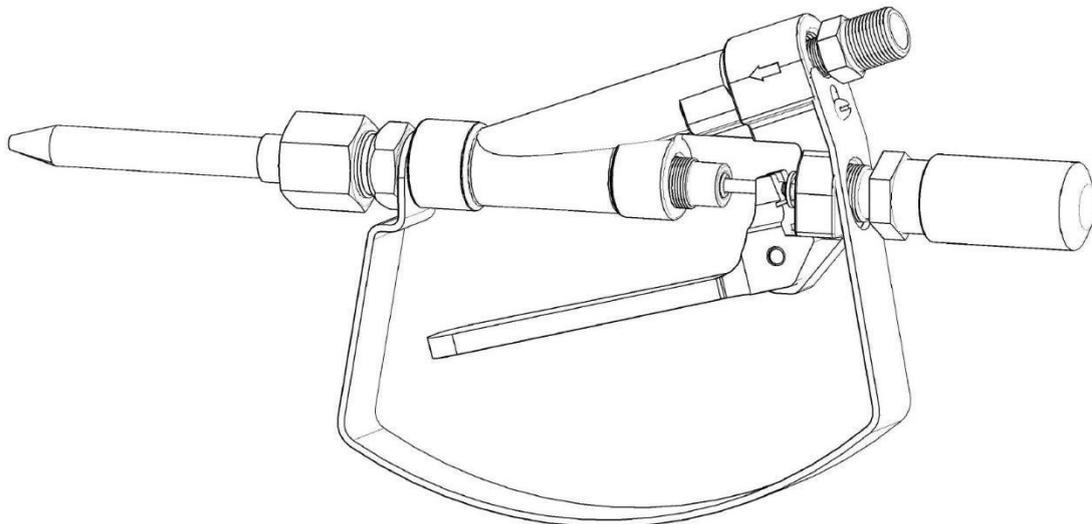
2018.03.12 REV4

Forging Aluminum alloy Body

The Leather V-packing included with the gun

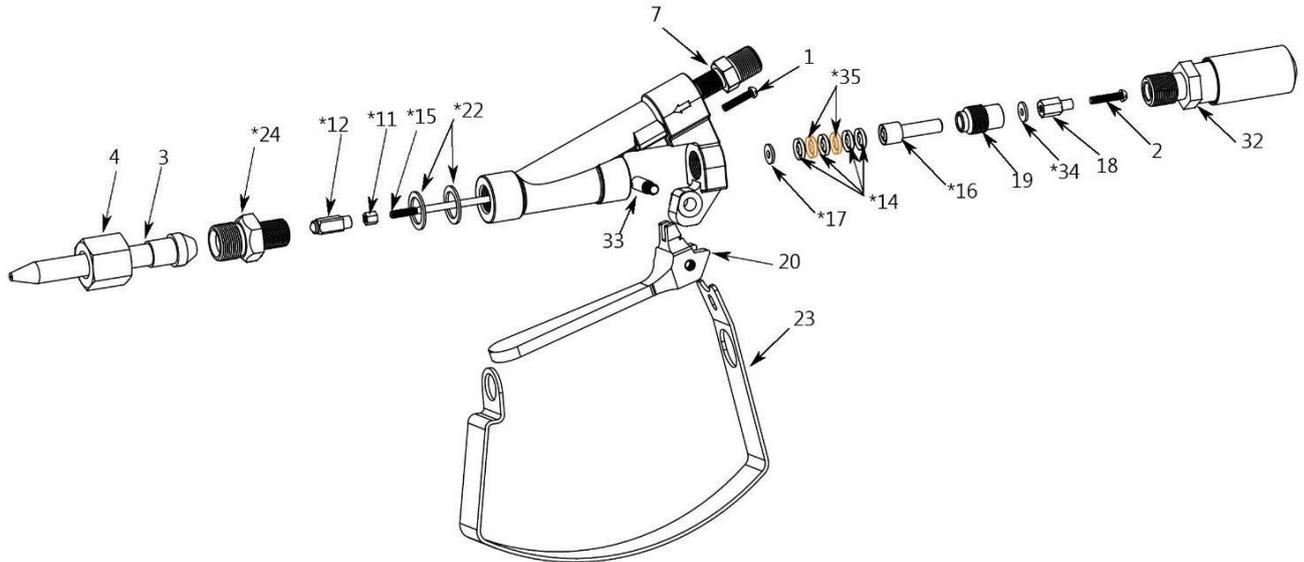
5000 psi (345 bar) Maximum Working Pressure Fluid Inlet 1/4nps

MODEL G740-000



DSTech Co., LTD.
#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)
Tel: 82-51-207-8006
Fax: 82-51-207-8831
www.dstpump.com

Parts



No	Code	G Code	Description	Qty	No	Code	G Code	Description	Qty
1	G730-001	110-037	Screw	1	18	G730-018	165-676	NUT	1
2	G730-002	104-301	Cap Screw	1	19	G730-019	165-677	SCREW	1
3	G740-003	.	Nozzle 1mm	1	20	G730-020	190-654	HANDLE	1
4	G740-004	150-451	Joint nut	1	21	G730-021	165-679	BODY	1
7	G730-007	162-453	Nipple	1	22	G730-022	168-845	GASKET (copper)	2
11	G730-011	162-623	NUT	1	23	G730-023	224-707	GUARD	1
12	G740-012	.	Needle	1	24	G740-024	.	VALVE SEAT	1
14	G730-014	165-672	V-Packing	4	32	G730-032	210-170	SAFETY KNOB	1
15	G740-015	.	ROD	1	33	G730-033	165-086	SCREW	1
16	G730-016	165-674	GLAND (F)	1	34	G730-034	151-395	WASHER	1
17	G730-017	165-675	GLAND (M)	1	35	G730-035		V-PACKING(LEATHER)	2

These parts are included in repair kit which may be purchased separately.

Repair kit D code G740-500, (G code 220-445)

included (12, 14, 15, 16, 17, 22, 24, 34, 35)

Note : part marked in color(*) are the option parts

POLE GUN NOZZLE



No	D Code	G Code	Description
1	G730-600		GUN NOZZLE

SAFETY KNOB



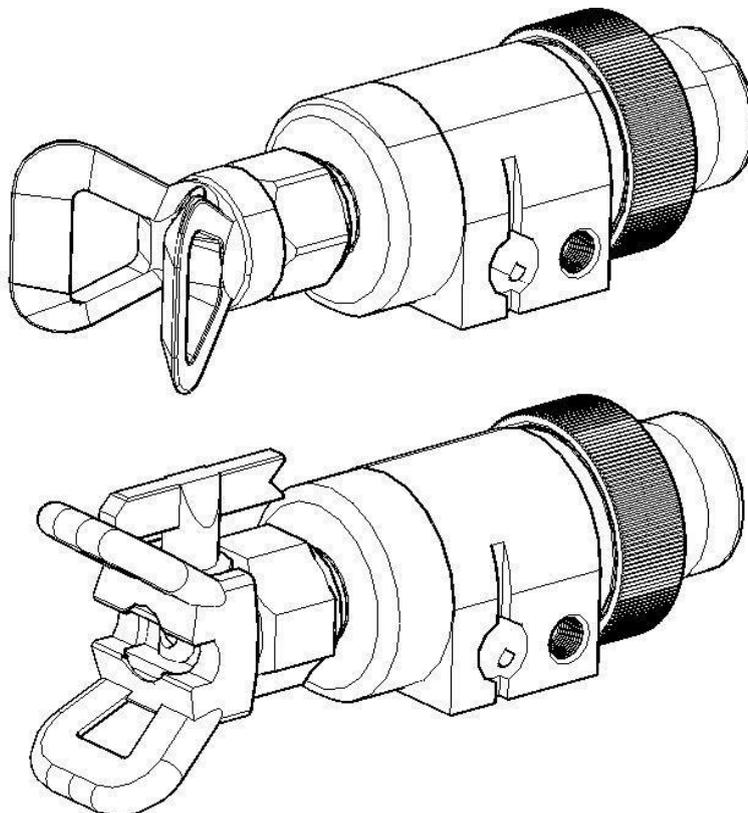
No	D Code	Description
1	G730-032	350 BAR SAFETY KNOB
2	G730-042	250 BAR SAFETY KNOB

Automatic Airless Spray Gun

2014.11.28. REV3

4000 psi (280 bar, 28 MPa) Maximum Working Pressure

- MODEL **G761-100** bare
- MODEL **G761-200** flat tip guard
- MODEL **G761-300** switch tip guard R5
- MODEL **G761-400** switch tip guard RX



DSTech Co., LTD.

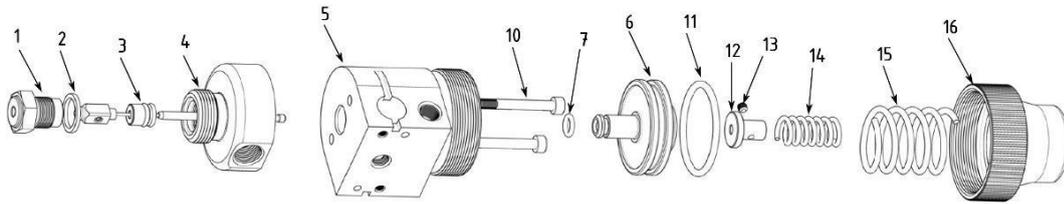
#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)

Tel: 82-51-207-8006

Fax: 82-51-207-8831

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Parts



No	D Code	G Code	Description	Qty
1	G760-001	288-196	SEAT	1
2	G760-002	189-970	GASKET	1
3	G760-003	24B-916	NEEDLE	1
4	G761-004		HOUSING	1
5	G761-005		BODY	1
6	G760-006	240-895	PISTON	1
7	G760-007	111-450	O-RING	1
10	G760-010	112-319	SCREW	2
11	G760-011	115-066	O-RING	1
12	G760-012	192-452	STOP	1
13	G760-013	114-137	SCREW	1
14	G760-014	114-138	SPRING	1
15	G760-015	114-139	SPRING	1
16	G760-016	192-453	PISTON CAP	1

REPAIR KIT NO: **G761-500**
 WITH 1. 2. 3. 7. 11.

S-Plus Airless Spray Gun

2018.04.23 REV9

5000 psi (345 bar, 34.5 MPa) Maximum Working Pressure

The spray tip is not included with the gun. Order the tip separately

MODEL G830-200 TRIGGER 2-finger bear

MODEL G830-201 flat tip guard & nut

MODEL G830-202 switch tip guard R5

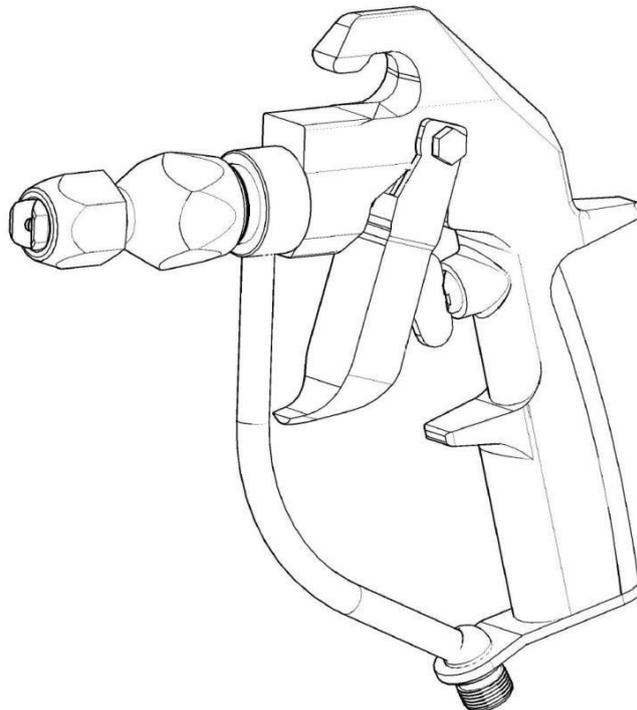
MODEL G830-203 switch tip guard RX

MODEL G830-400 TRIGGER 4-finger bear

MODEL G830-401 flat tip guard & nut

MODEL G830-402 switch tip guard R5

MODEL G830-403 switch tip guard RX



DSTech Co., LTD.

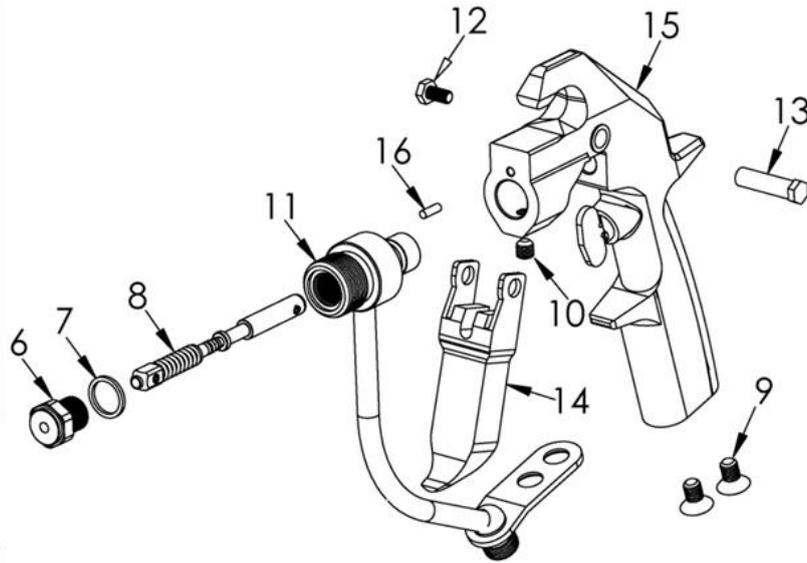
#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)

Tel: 82-51-207-8006

Fax: 82-51-207-8831

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Parts



No	D Code	Description	Qty	No	D Code	Description	Qty
6	G830-006	SEAT	1	12	G830-012	SCREW	1
7	G830-007	GASKET, copper	1	13	G830-013	PIN	1
8	G830-008	NEEDLE ass'y	1	14	G830-214	2 FINGER TRIGGER	1
9	G830-009	SCREW	2		G830-414	4FINGER TRIGGER	
10	G830-010	SET SCREW	1	15	G830-015	GUN BODY	1
11	G830-011	FLUID HOUSING	1	16	G830-016	SPRING PIN	1

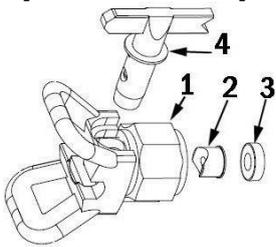
These parts are included in repair kit which may be purchased separately.

Repair kit D code : G830-500, (G code : 235-474)

included (6, 7, 8, installation tool)

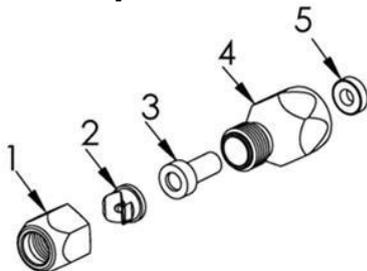
* No.14 2-Finger Trigger and 4-Finger Trigger is optional by customer.

Option S/W Tip GUARD



No	D Code	Description	Qty
1	ASTG-501	S/W TIP GUARD RAC 5	1
	ASTG-X01	S/W TIP GUARD RAC X	
2	ASTG-003	SADDLE	1
3	ASTG-004	PACKING	1
4	AST5-XXX	S/W TIP	1

Option Tip Filter



No	D Code	Description	Qty
1	G830-001	TIP GUARD	1
2		TIP	1
3		TIP FILTER	1
4	G830-004	HOUSING	1
5	G830-005	GASKET	1

S-Plus Airless Spray Gun

2018.04.23 REV11

5000 psi (345 bar, 34.5 MPa) Maximum Working Pressure

The spray tip is not included with the gun. Order the tip separately

MODEL G831-200 TRIGGER 2-finger bare

MODEL G831-201 flat tip guard & nut

MODEL G831-202 switch tip guard R5

MODEL G831-203 switch tip guard RX

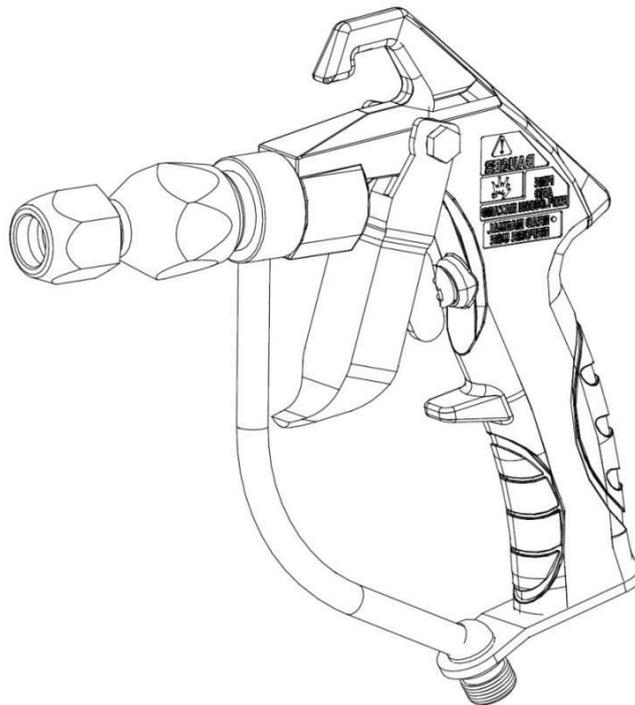
MODEL G831-400 TRIGGER 4-finger bare

MODEL G831-401 flat tip guard & nut

MODEL G831-402 switch tip guard R5

MODEL G831-403 switch tip guard RX

PAT NO. 20-0452354



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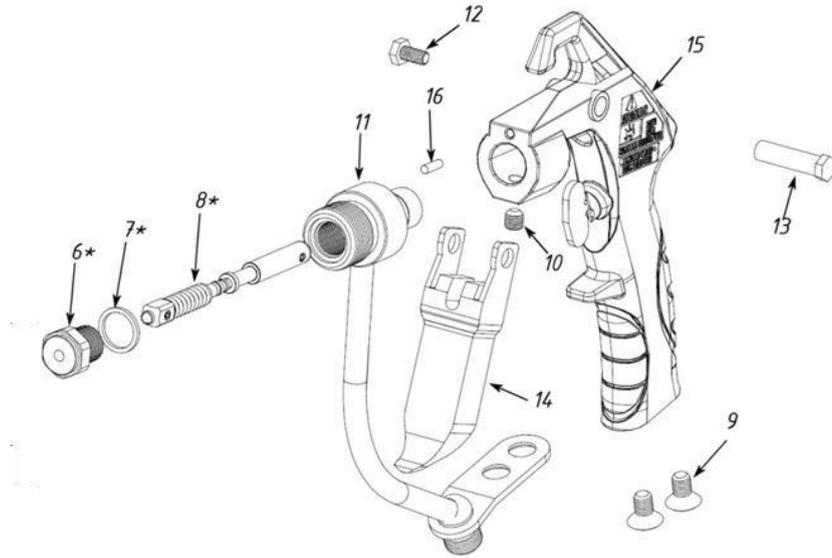
#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)

Tel: 82-51-207-8006

Fax: 82-51-207-8831

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Parts

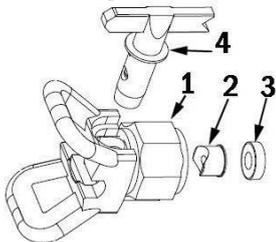


No	D Code	Description	Qty	No	D Code	Description	Qty
6	G830-006	SEAT	1	12	G830-012	SCREW	1
7	G830-007	GASKET, copper	1	13	G830-013	PIN	1
8	G830-008	NEEDLE ass'y	1	14	G830-214	2 FINGER TRIGGER	1
9	G830-009	SCREW	2		G830-414	4 FINGER TRIGGER	
10	G830-010	SET SCREW	1	15	G831-015	GUN BODY	1
11	G830-011	FLUID HOUSING	1	16	G831-016	SPRING PIN	1

These parts are included in repair kit which may be purchased separately. Repair kit D code : G830-500, (G code : 235-474) included (6, 7, 8, installation tool)

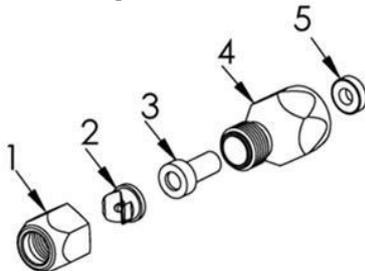
* No.14 2-Finger Trigger and 4-Finger Trigger is optional by customer.

Option S/W Tip GUARD



No	D Code	Description	Qty
1	ASTG-501	S/W TIP GUARD RAC 5	1
	ASTG-X01	S/W TIP GUARD RAC X	
2	ASTG-003	SADDLE	1
3	ASTG-004	PACKING	1
4	AST5-XXX	S/W TIP	1

Option Tip Filter



No	D Code	Description	Qty
1	G830-001	TIP GUARD	1
2		TIP	1
3		TIP FILTER	1
4	G830-004	HOUSING	1
5	G830-005	GASKET	1

CONTRACTOR Airless Spray Gun

2018.04.23 REV7

3600 psi (248 bar, 24.8 MPa) Maximum Working Pressure

MODEL G840-200 TRIGGER 2-finger bare

MODEL G840-201 flat tip guard & nut

MODEL G840-202 switch tip guard R5

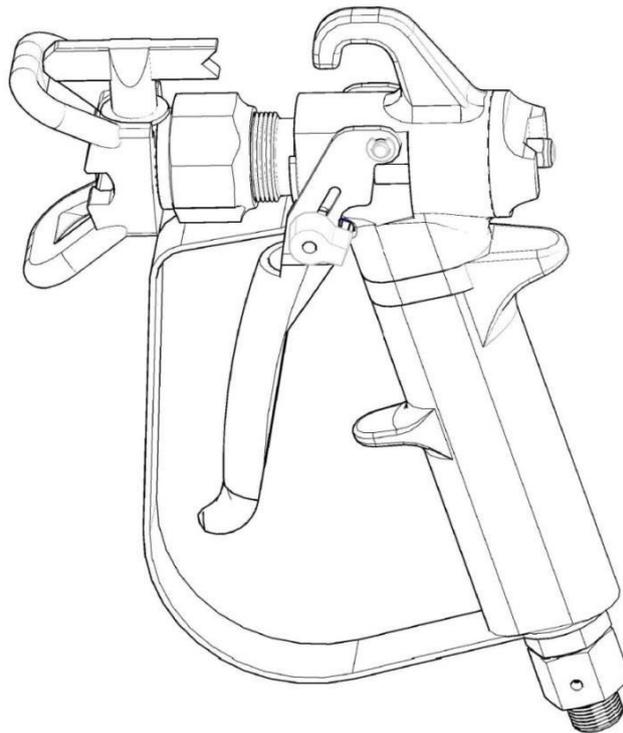
MODEL G840-203 switch tip guard RX

MODEL G840-400 TRIGGER 4-finger bear

MODEL G840-401 flat tip guard & nut

MODEL G840-402 switch tip guard R5

MODEL G840-403 switch tip guard RX



DSTech Co., LTD.

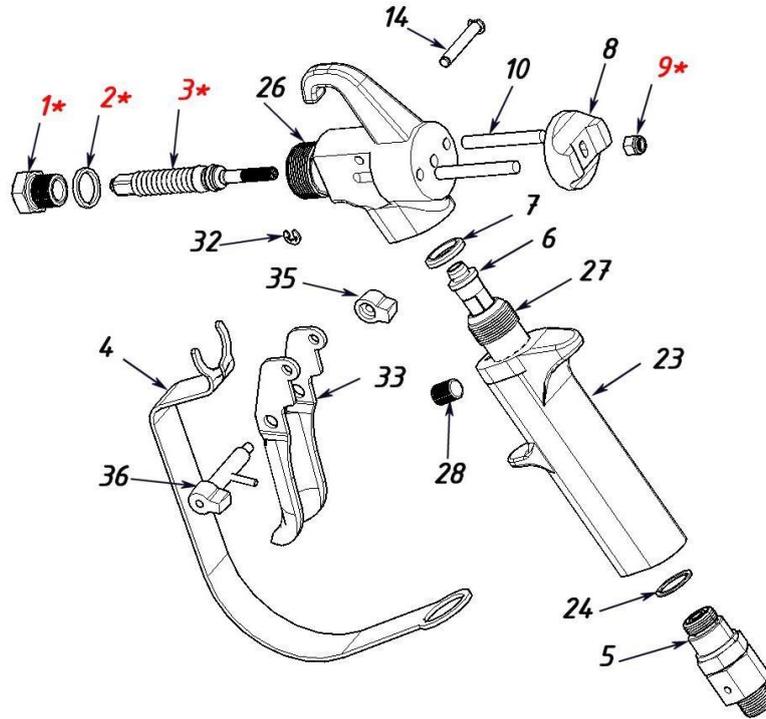
#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)

Tel: 82-51-207-8006

Fax: 82-51-207-8831

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Parts

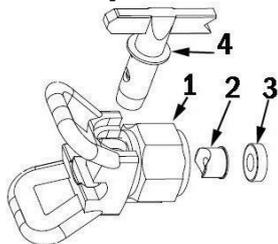


No	D Code	Description	Qty	No	D Code	Description	Qty
1	G840-001	SEAT	1	23	G840-023	HANDLE	1
2	G840-002	GASKET	1	24	G840-024	GASKET	1
3	G840-003	NEEDLE ASS'Y	1	26	G840-026	FLUID HOUSING	1
4	G840-004	GUARD trigger	1	27	G840-027	TUBE	1
5	G840-005	KIT swivel	1	28	G840-028	SCREEW	1
6	G840-006	FILTER	1	32	G840-032	STOP RING	2
7	G840-007	SEAL	1	33	G840-233	2 FINGER TRIGGER	1
8	G840-008	CAP	1		G840-433	4 FINGER TRIGGER	
9	G840-009	NUT	1	35	G840-035	HANDLE trigger	2
10	G840-010	PIN	2	36	G840-036	SHAFT trigger	1
14	G840-014	STUD	1				

These parts are included in repair kit which may be purchased separately. **Repair kit D code : G840-500, (G code 218-070)** included (1,2,3,9)

* No.33 2-Finger Trigger and 4-Finger Trigger is optional by customer.

Option S/W Tip GUARD



A PATENT APPLICATION
 PAT NO. 30-0690375, 30-0690433, 30-0706034,
 30-0677933

No	D Code	Description	Qty
1	ASTG-501	S/W TIP GUARD RAC 5	1
	ASTG-X01	S/W TIP GUARD RAC X	
2	ASTG-003	SADDLE	1
3	ASTG-004	PACKING	1
4	AST5-XXX	S/W TIP	1

CONTRACTOR Airless Spray Gun

2018.04.23 REV9

3600 psi (248 bar, 24.8 MPa) Maximum Working Pressure

MODEL G841-200 TRIGGER 2-finger bear

MODEL G841-201 flat tip guard & nut

MODEL G841-202 switch tip guard R5

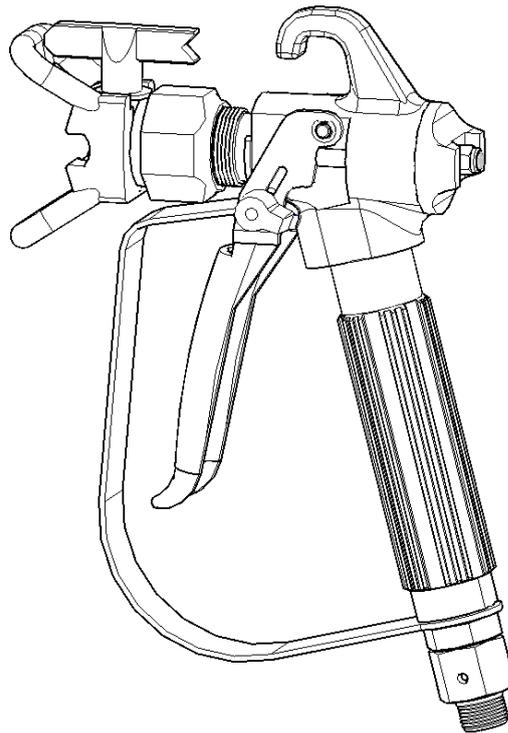
MODEL G841-203 switch tip guard RX

MODEL G841-400 TRIGGER 4-finger bear

MODEL G841-401 flat tip guard & nut

MODEL G841-402 switch tip guard R5

MODEL G841-403 switch tip guard RX



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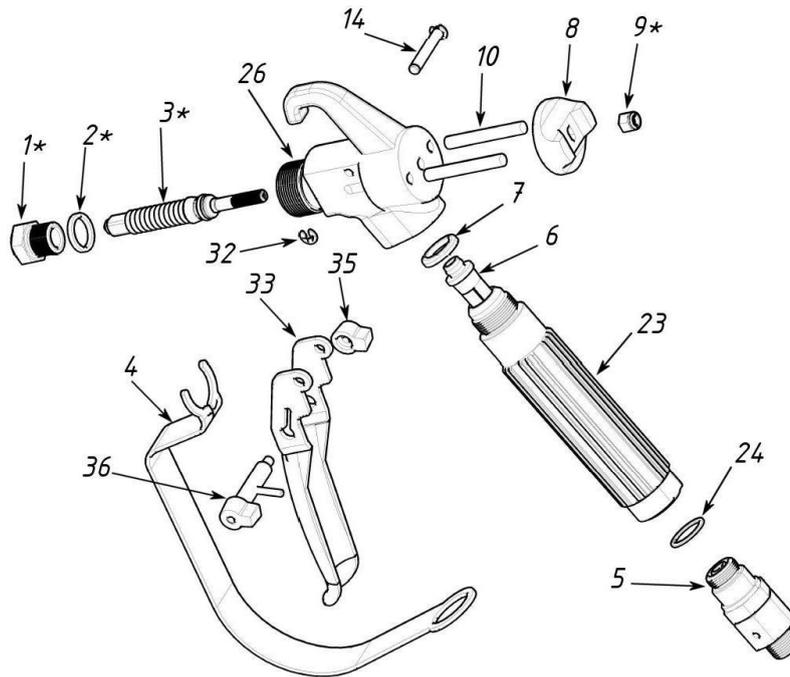
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Parts

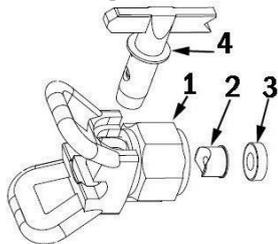


No	D Code	Description	Qty	No	D Code	Description	Qty
1	G840-001	SEAT	1	23	G841-023	HANDLE	1
2	G840-002	GASKET	1	24	G840-024	GASKET	1
3	G840-003	NEEDLE ASS'Y	1	26	G840-026	FLUID HOUSING	1
4	G840-004	GUARD trigger	1	27	G840-027	TUBE	1
5	G840-005	KIT swivel	1	28	G840-028	SCREW	1
6	G840-006	FILTER	1	32	G840-032	STOP RING	2
7	G840-007	SEAL	1	33	G840-233	TRIGGER 2finger	1
8	G840-008	CAP	1		G840-433	TRIGGER 4finger	
9	G840-009	NUT	1	35	G840-035	HANDLE trigger	2
10	G840-010	PIN	2	36	G840-036	SHAFT trigger	1
14	G840-014	STUD	1				

These parts are included in repair kit which may be purchased separately. **Repair kit D code : G840-500, (G code 218-070) included (1,2,3,9)**

* No.33 2-Finger Trigger and 4-Finger Trigger is optional by customer.

Option S/W Tip GUARD



A PATENT APPLICATION

PAT NO. 30-0690375, 30-0690433, 30-0706034, 30-0677933

No	D Code	Description	Qty
1	ASTG-501	S/W TIP GUARD RAC 5	1
	ASTG-X01	S/W TIP GUARD RAC X	
2	ASTG-003	SADDLE	1
3	ASTG-004	PACKING	1
4	AST5-XXX	S/W TIP	1

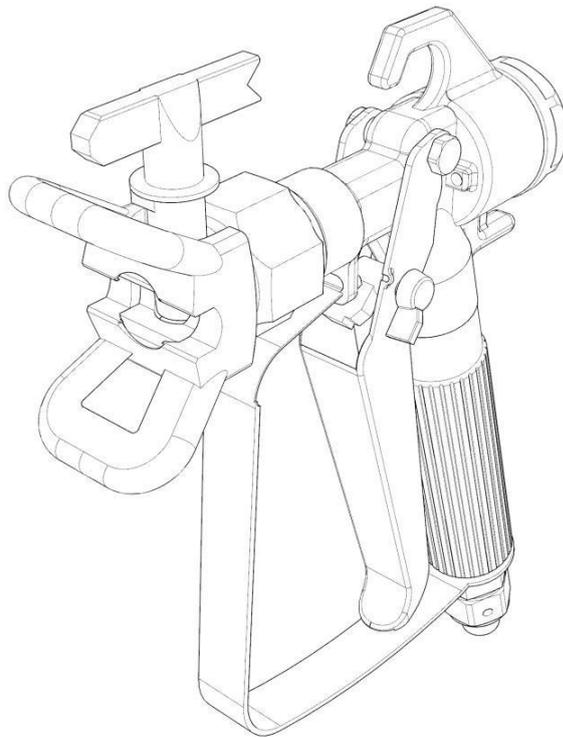
High Pressure Airless Spray Gun

2018.08.06 REV3

7,250 psi (500 bar, 50MPa) Maximum Working Pressure

The spray tip is not included with the gun. Order the tip separately.

MODEL	GHE-0500	Bare
MODEL	GHE-0501	Flat tip housing & nut
MODEL	GHE-0502	Switch tip guard R5
MODEL	GHE-0503	Switch tip guard RX



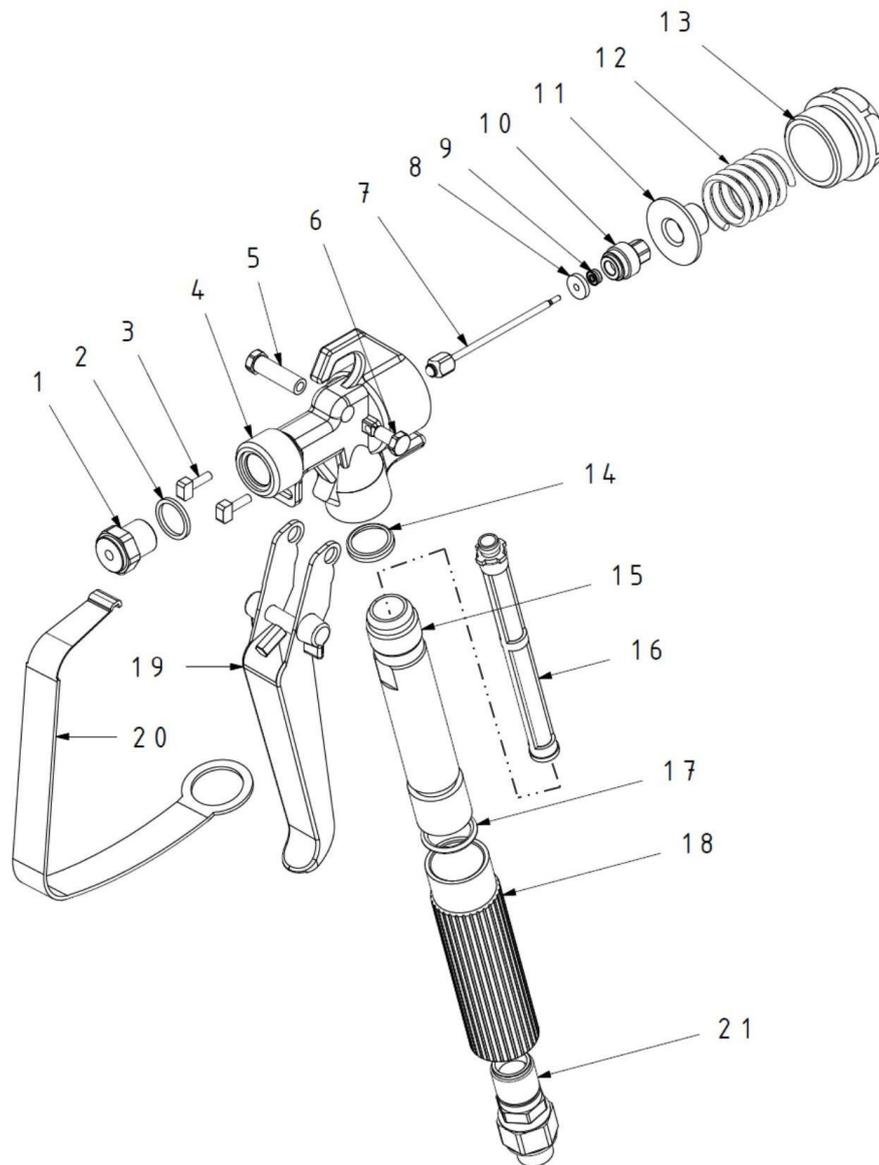
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Busan, Korea (618-817)

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No	D Code	Description	Qty	No	D Code	Description	Qty
1	G500-001	SEAT, valve	1	12	G500-012	SPRING	1
2	G500-002	GASKET	1	13	G500-013	CAP	1
3	G500-003	PIN, actuator	2	14	G500-014	SEAL, sleeve	1
4	G500-004	BODY	1	15	G500-015	HANDLE	1
5	G500-005	PIVOT PIN	1	16	G500-016	FILTER	1
6	G500-006	SCREW	1	17	G500-017	O-RING	1
7	G500-007	NEEDLE	1	18	G500-018	HANDLE SLEEVE	1
8	G500-008	GASKET	1	19	G500-019	TRIGGER KIT	1
9	G500-009	SEAL	1	20	G500-020	TRIGGER GUARD	1
10	G500-010	SEAL RETAINER	1	21	G500-021	SWIVEL	1
11	G500-011	RETAINER, needle	1				

These parts are included in repair kit which may be purchased separately.

Repair kit D code : **G500-500** included (1, 2, 7, 8, 9, 10, 14)

AIR REGULATOR

2010.07.07 REV3

Maximum Inlet Pressure 21bar, 2000kPa, 300PSIG
Relieving Type

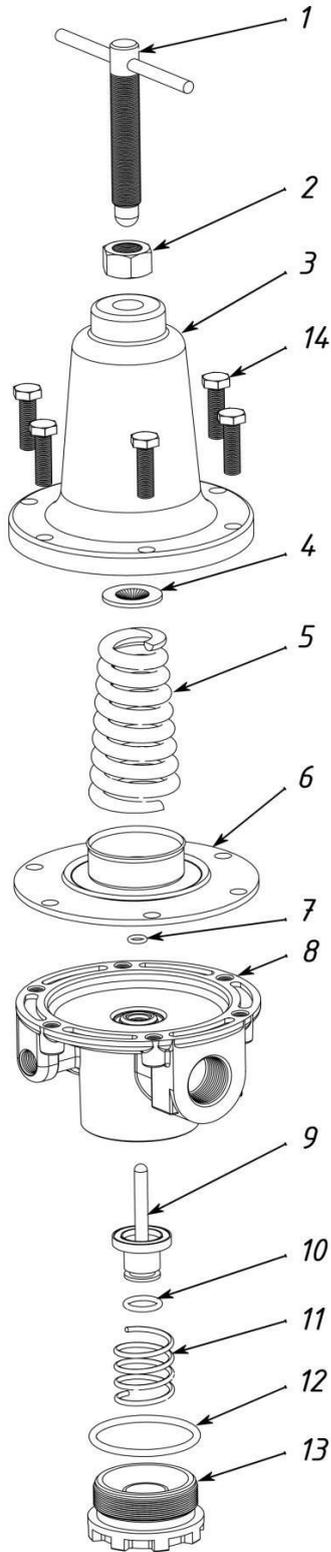
MODEL R340-100

3/4" PT x 3/4" PT
300 SCFM (8500 Liter/Min)



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Parts



No	D Code	Description	Qty
1	R340-101	T HANDLE	1
2	R340-102	NUT	2
3	R340-103	SPRING CAGE	1
4	R340-104	SPRING BUTTON	1
5	R340-105	CONTROL SPRING	1
6	R340-106	DIAPHRAGM ASS'Y	1
7	R340-107	O-RING	1
8	R340-108	BODY	1
9	R340-109	INNER VALVE ASS'Y	1
10	R340-110	O-RING	1
11	R340-111	SPRING BUTTON	1
12	R340-112	O-RING	1
13	R340-113	BOTTOM PLUG	1
14	R340-114	BOLT	6

Fluid PRESSURE Regulators

2014.05.30 REV4

For precise downstream pressure and flow control

MODEL R470-100

6000 psi (41 MPa , 414 bar) Maximum Fluid Inlet Pressure
500-2000 psi (3.4-14 MPa, 34-140 bar) Regulated Fluid Outlet Pressure

MODEL R470-200

6000 psi (41 MPa , 414 bar) Maximum Fluid Inlet Pressure
500-3000 psi (3.4-22 MPa, 34-220 bar) Regulated Fluid Outlet Pressure

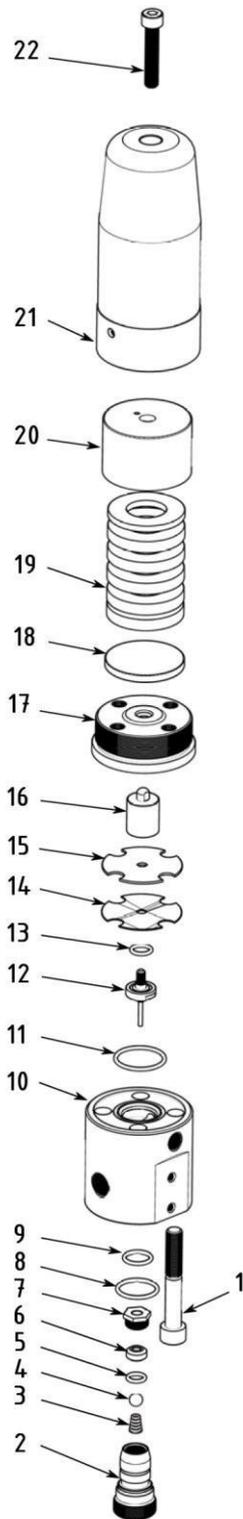
MODEL R470-300

6000 psi (41 MPa , 414 bar) Maximum Fluid Inlet Pressure
1500-5000 psi (10-34 MPa, 100-340 bar) Regulated Fluid Outlet Pressure



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Parts



No	Code	Description	Qty
1	R470-001	SCREW	4
2	R470-002	VALVE HOUSING	1
3	R470-003A	SPRING R470-100	1
	R470-003B	SPRING R470-200	
	R470-003C	SPRING R470-300	
4	R470-004	CARBIDE BALL	1
5	R470-005	O-RING, PTFE	1
6	R470-006	SEAT, CARBIDE	1
7	R470-007	NUT	1
8	R470-008	O-RING, PTFE	1
9	R470-009	O-RING, PTFE	1
10	R470-010	BASE HOUSING, sus	1
11	R470-011	O-RING, PTFE	1
12	R470-012	ACTUATOR, sus	1
13	R470-013	O-RING, PTFE	1
14	R470-014	DIAPHRAGM, PTFE	1
15	R470-015	DIAPHRAGM, PTE	1
16	R470-016	PLUNGER, sus	1
17	R470-017	PLATE	1
18	R470-018	RETAINER	1
19	R470-019	SPRING	1
20	R470-020	RETAINER	1
21	R470-021	COVER	1
22	R470-022	SCREW	1

Note : part marked in color are the Repair Kit parts

D Code No **R470-500**

No 11, 12, 13, 14, 15, 16

Note : part marked in color are the Repair Kit parts

D Code No **R470-501**

No 2, 3, 4, 5, 6, 7, 8, 9

HIGH PRESSURE

2018.03.12 REV4

Back Pressure Regulators

For use in a high pressure spray circulating system to regulate back pressure to gun and maintain proper pressure for circulation.

CARBON STEEL REGULATORS

3000 psi (21MPa, 207 bar) Maximum Working Pressure

MODEL B140-100

0~1000 psi (0~7MPa, 0~70 bar) Regulated Fluid Pressure Range

MODEL B140-200

1000~3000 psi (7~21MPa, 70~207 bar) Regulated Fluid Pressure Range



DSTech Co., LTD.

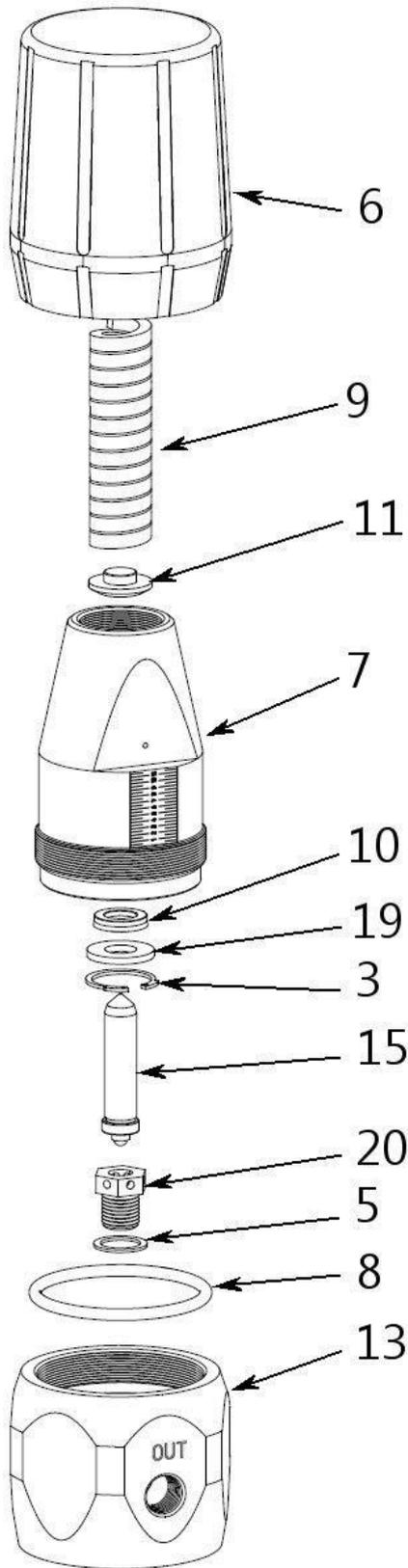
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Busan, Korea (618-817)

Tel: 82-51-207-8006

Fax: 82-51-207-8831

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Parts



No	Code	Description	Qty
3	F380-003	SNAP RING	1
5	F380-005	GASKET	1
6	B140-006	KNOB	1
7	F380-007	CYLINDER	1
8	F380-008	O-RING	1
9	B140-009A	SPRING B140-100	1
	B140-009B	SPRING B140-200	
10	F380-010	SEAL	1
11	F380-011	LOCATER	1
13	B140-013	HOUSING	1
15	B140-015	PISTON	1
19	F380-019	WASHER	1
20	B140-020	SEAT	1

**Note : part marked in color are the Repair Kit parts
D Code No B140-500**

No 5, 8, 10, 15, 20-1, 20-2

Technical Data

Maximum Fluid Inlet Pressure	3000psi (21 MPa, 207 bar)
B140-100 Regulated Fluid Pressure Range	0-1000 psi (0-7 MPa, 0-70bar)
B140-200 Regulated Fluid Pressure Range	1000-3000 psi (7-21 MPa, 70-207bar)
Maximum Flow Rate	3.5 gpm (13.25 liter/min) with 70 centipoise fluid at 75°F (23°C)
Fluid Inlet	1/4 npt(f)
Fluid Outlet	1/4 npt(f)

HIGH PRESSURE

2018.03.12 REV3

Fluid Regulators

For use in airless spray system to control and regulate fluid pressure to one spray gun dispensing valve, or atomizing head.

3000 psi (21 MPa, 207 bar) Maximum Inbound Fluid Pressure

MODEL F380-100

200-1000 psi (1.4-7 MPa, 14-70 bar) Regulated Fluid Pressure Range

MODEL F380-200

1000-3000 psi (7-21 MPa, 70-207 bar) Regulated Fluid Pressure Range



DSTech Co., LTD.

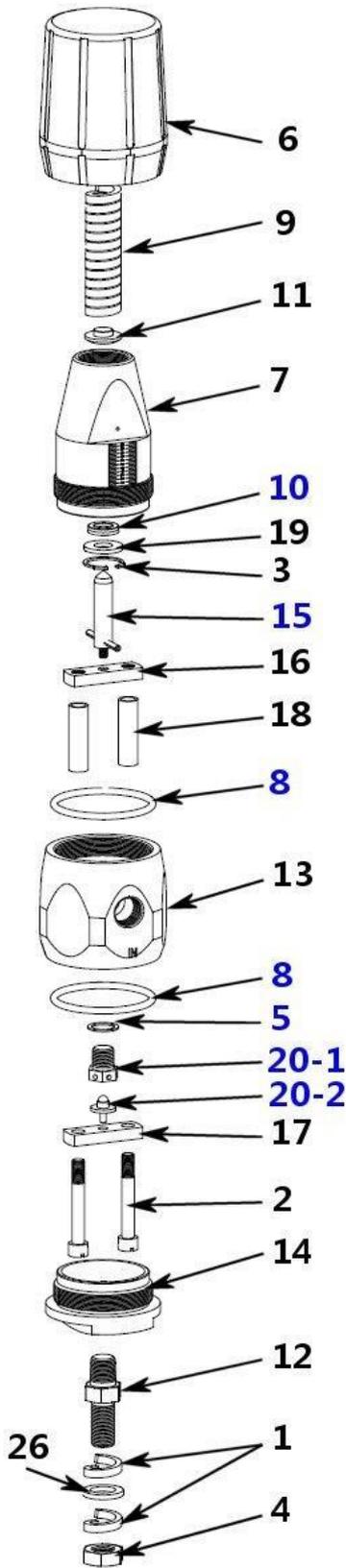
#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)

Tel: 82-51-207-8006

Fax: 82-51-207-8831

www.dstpump.com

Parts



No	Code	Description	Qty
1	F380-001	SPRING WASHER	2
2	F380-002	SCREW	2
3	F380-003	SNAP RING	1
4	F380-004	NUT	1
5	F380-005	GASKET	1
6	F380-006	KNOB	1
7	F380-007	CYLINDER	1
8	F380-008	O-RING	2
9	F380-009A	SPRING F380-100	1
	F380-009B	SPRING F380-200	
10	F380-010	SEAL	1
11	F380-011	LOCATER	1
12	F380-012	PLUG	1
13	F380-013	HOUSING	1
14	F380-014	CAP	1
15	F380-015	PISTON	1
16	F380-016	BAR	1
17	F380-017	BAR	1
18	F380-018	SPACER	2
19	F380-019	WASHER	1
20-1	F380-020-1	SEAT	1
20-2	F380-020-2	SUPPORT BALL	1
26	F380-026	FLAT WASHER	1

These parts are included in repair kit which may be purchased separately. **Repair kit D code: F380-500** included (5, 8, 10, 15, 20-1, 20-2)

Technical Date F380-200

Maximum Fluid Inlet Pressure	3000psi (21 MPa, 207 bar)
F380-100 Regulated Fluid Pressure Range	1000-3000 psi (7-21 MPa, 70-207bar)
F380-200 Regulated Fluid Pressure Range	1000-3000 psi (7-21 MPa, 70-207bar)
Maximum Flow Rate	3.5 gpm (13.25 liter/min) with 70 centipoise fluid at 75°F (23°C)
Fluid Inlet	3/8 npt(f)
Fluid Outlet	1/4 npt(f)

Fluid Pressure Regulators

STAINLESS STEEL, WATERBASE COMPATIBLE

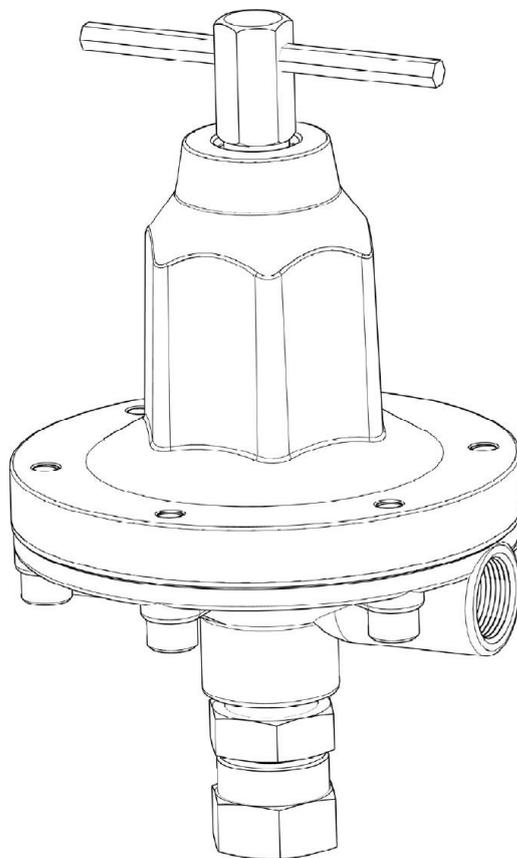
2013.11.20. REV. 1

MODEL R107-100

Used to regulate fluid pressure in low pressure systems only

250 psi (1800 kPa , 18 bar) Maximum Fluid Inlet Pressure

5-100 psi (334~700 kPa, 0.3~7 bar) Regulated Fluid Outlet Pressure



DSTech Co., LTD.

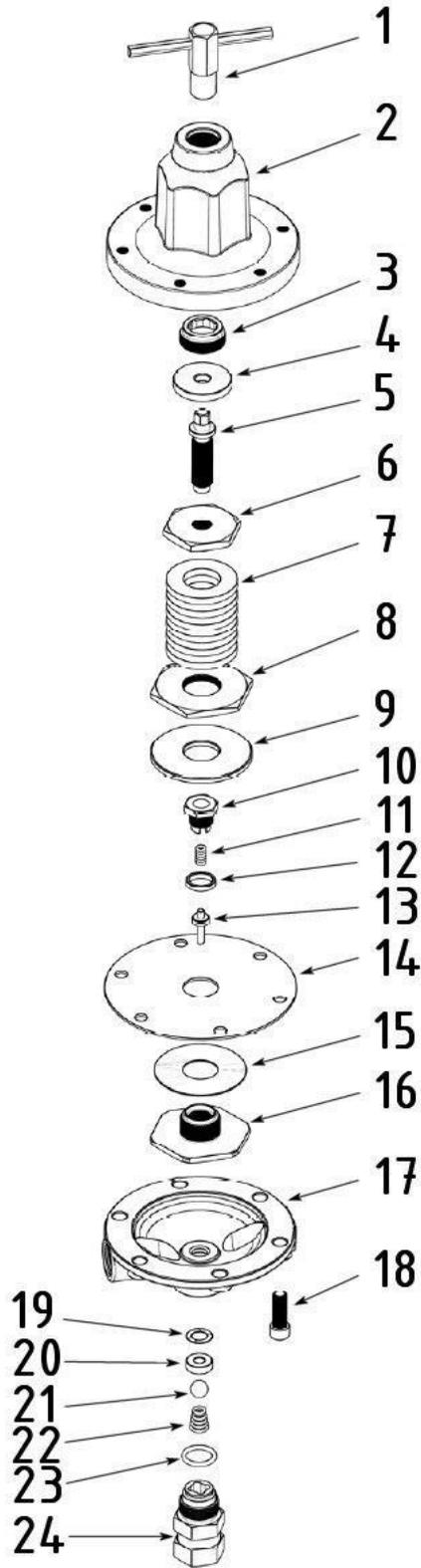
#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)

Tel: 82-51-207-8006

Fax: 82-51-207-8831

www.dstpump.com

Parts



No	Code	G Code	Description	Qty
1	R107-001	215-393	T- HANDLE	1
2	R107-002	176-135	CAP	1
3	R107-003	176-136	SCREW	1
4	R107-004	176-692	WASHER	1
5	R107-005	176-691	SCREW	1
6	R107-006	171-855	NUT	1
7	R107-007	105-291	SPRING	1
8	R107-008	171-858	NUT	1
9	R107-009	171-862	WASHER	1
10	R107-010	188-004	SCREW, sus	1
11	R107-011	111-736	SPRING, sus	1
12	R107-012	171-867	GASKET	1
13	R107-013	187-851	PIN, sus	1
14	R107-014	171-868	DIAPHRAGM, PTFE	1
15	R107-015	172-132	GASKET	1
16	R107-016	187-869	HOUSING, sus	1
17	R107-017	187-880	BODY	1
18	R107-018	.	SCREW , M6 L19	6
19	R107-019	171-860	GASKET	1
20	R107-020	112-366	SEAT	1
21	R107-021	112-365	BALL	1
22	R107-022	111-858	SPRING, sus	1
23	R107-023	104-319	O-RING	1
24	R107-024	235-209	UNION	1

Note : part marked in color are the Repair Kit parts

D Code No **R107-500**

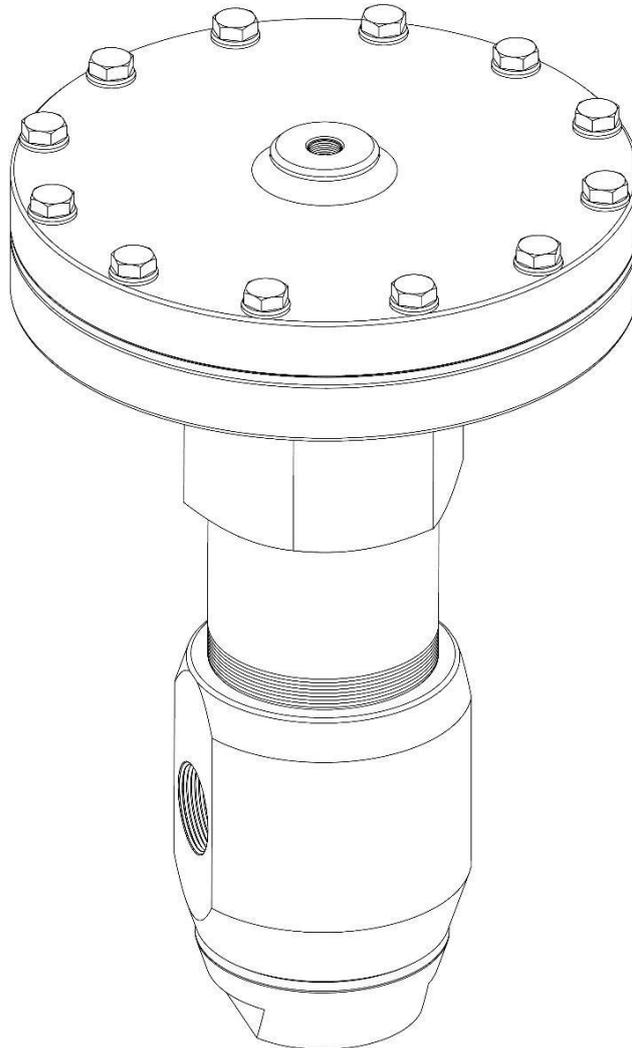
No 11, 12, 13, 14, 15, 19, 20, 21, 22, 23

Mastic Fluid Regulator

2014.11.28 REV2

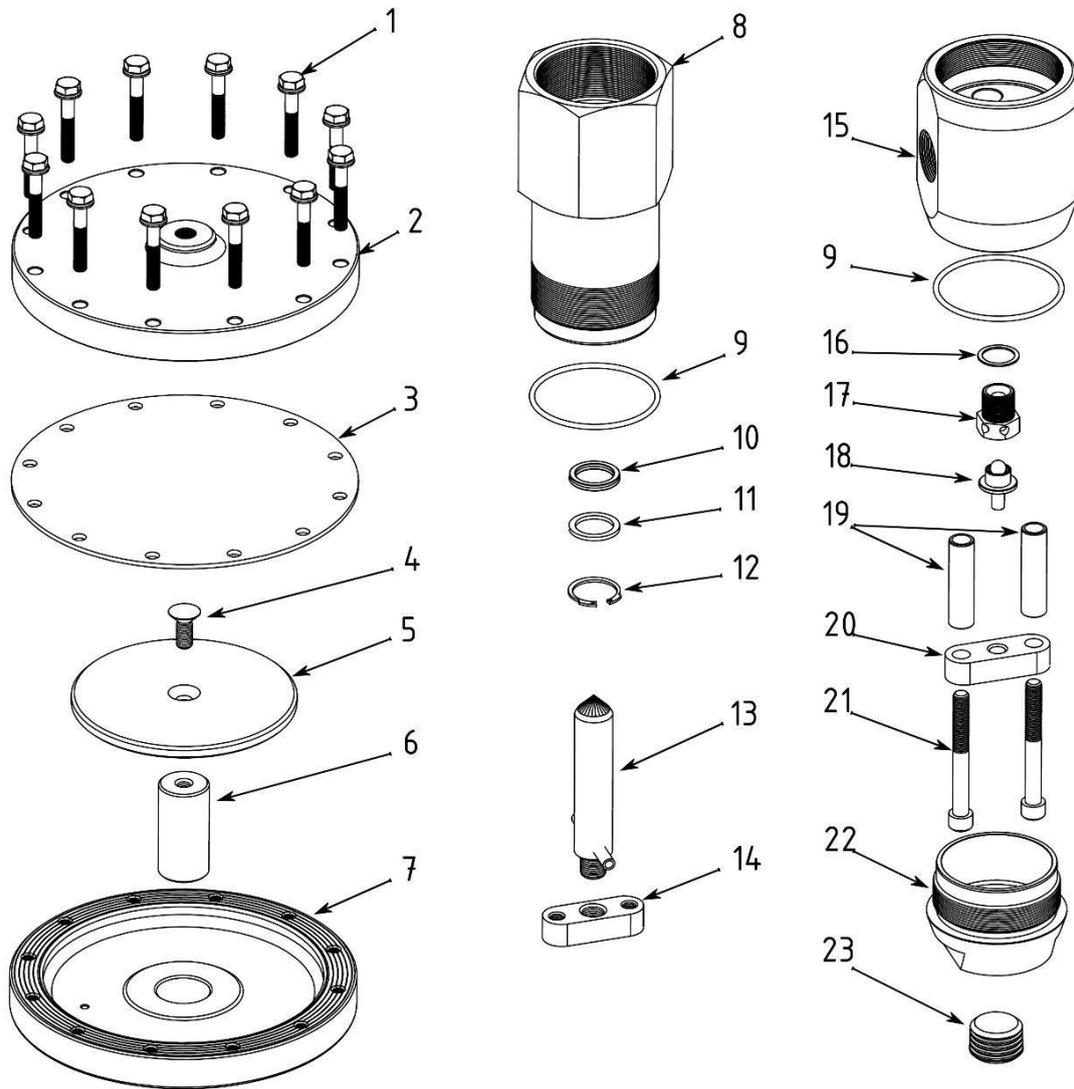
5000 psi (34.4 MPa, 344 bar) Maximum Inbound Fluid Pressure

MODEL R460



DSTech Co., LTD.
#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)
Tel: 82-51-207-8006
Fax: 82-51-207-8831
www.dstpump.com

Parts



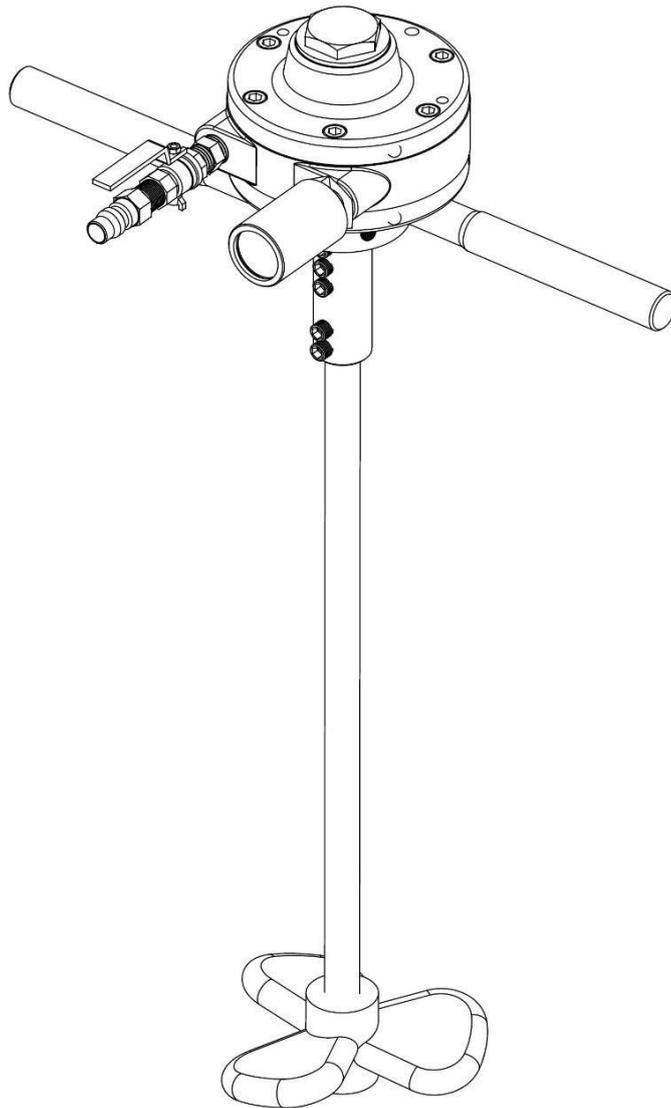
No	Code	Description	Qty	No	Code	Description	Qty
1	R460-001	CAP, Screw	12	13	R460-013	PISTON	1
2	R460-002	COVER	1	14	R460-014	BAR, top	1
3	R460-003	DIAPHRAGM	1	15	R460-015	HOUSING	1
4	R460-004	SCREW	1	16	R460-016	WASHER, seal	1
5	R460-005	WASHER	1	17	R460-017	SEAT	1
6	R460-006	ROD	1	18	R460-018	BALL, seat	1
7	R460-007	HOUSING	1	19	R460-019	SPACER	2
8	R460-008	CYLINDER	1	20	R460-020	BAR, bottom	1
9	R460-009	O-RING	2	21	R460-021	SCREW	2
10	R460-010	SEAL	1	22	R460-022	CAP	1
11	R460-011	WASHER	1	23	R460-023	PLUG	1
12	R460-012	RING	1				

These parts are included in repair kit which may be purchased separately. **Repair kit D code : R460-500** included (9, 10, 11, 12)

***PAIN*T AGITATOR PART**

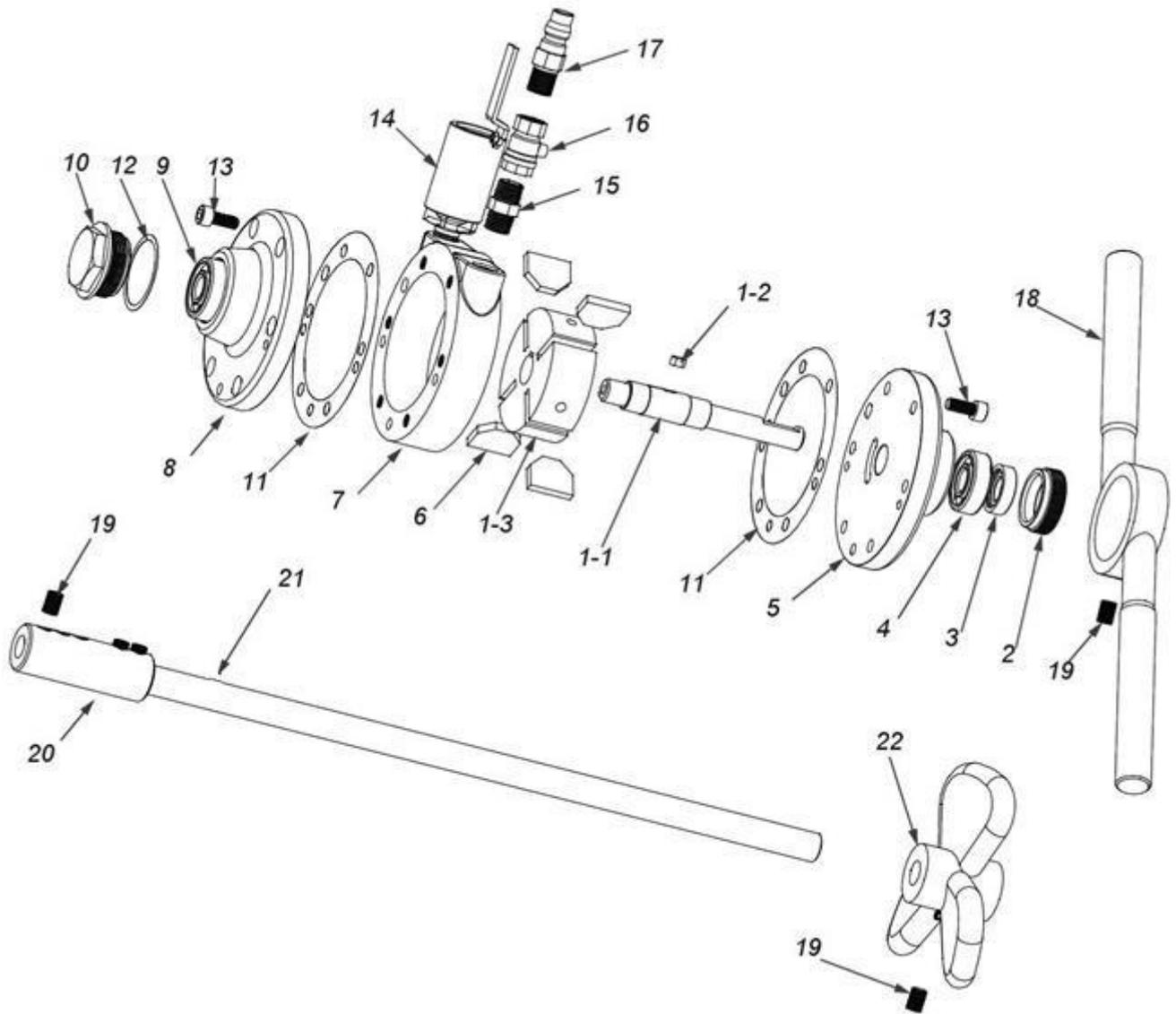
2018.03.12 REV3

*Recommended speed is 300~3000rpm
Maximum operating pressure is 100psi (7 bar)
Power 3/4HP (0.56 kw)
Capacity 20~200 liter*



DSTech Co., LTD.
#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)
Tel: 82-51-207-8006
Fax: 82-51-207-8831
www.dstpump.com

Parts



No	D part	Description	Qty	No	D part	Description	Qty
1-1	2AM-101	SHAFT	1	11	2AM-011	GASKET	2
1-2	2AM-102	KEY	1	12	2AM-012	GASKET	1
1-3	2AM-103	ROTOR	1	13	2AM-013	SCREW	12
2	2AM-002	FRONT CUP	1	14	2AM-014	SILENCER	1
3	2AM-003	RETAINER	1	15	2AM-015	NIPPLE	1
4	2AM-004	BEARING	1	16	2AM-016	BALL VALVE	1
5	2AM-005	FRONT COVER	1	17	2AM-017	AIR NIPPLE	1
6	2AM-006	BLADE	4	18	2AM-018	HANDEL	1
7	2AM-007	CYLINDER	1	19	2AM-019	SCREW	8
8	2AM-008	REAR COVER	1	20	2AM-020	HOLDER	1
9	2AM-009	BEARING	1	21	2AM-021	SHAFT	1
10	2AM-010	REAR CAP	1	22	2AM-022	IMPELLER	1

POLE GUN adapter Parts

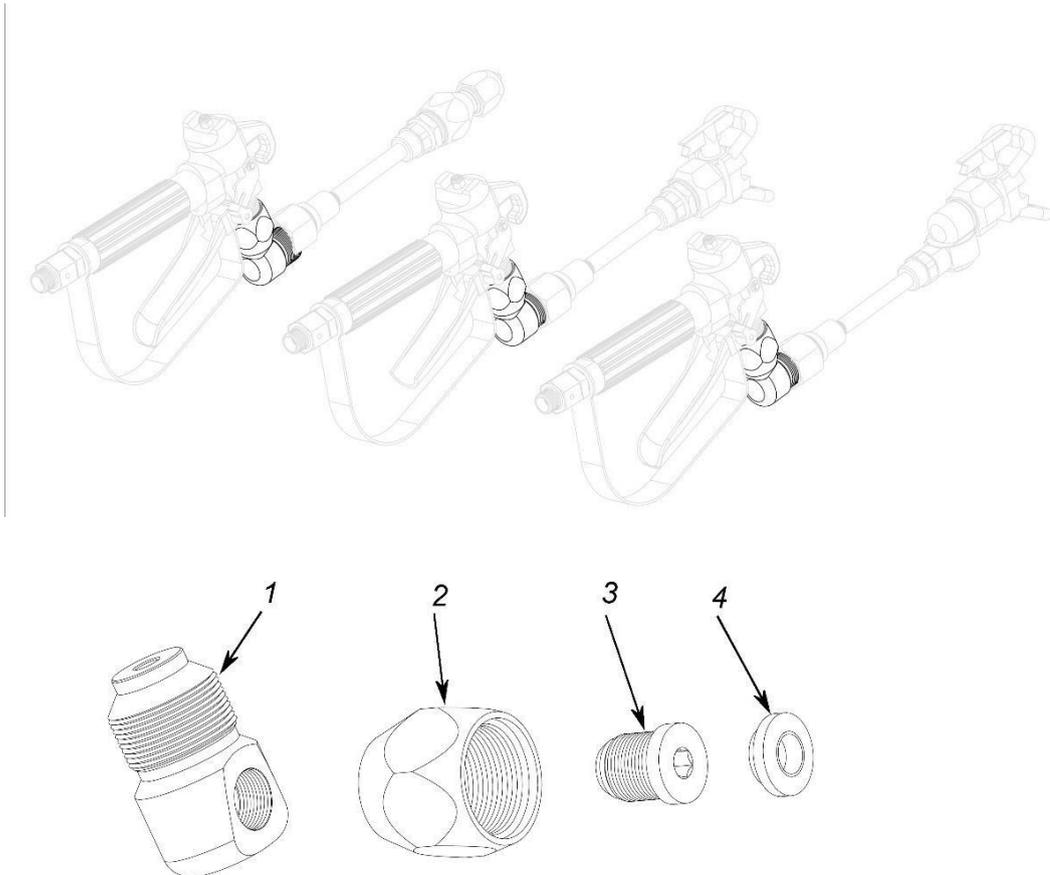
2012.07.11 rev2

3600 psi (250 bar, 25 MPa) Maximum Working Pressure

PAT NO. 10-2012-0029690

MODEL

APGA-001 7/8" – 7/8"



part

No	PART NO	Description		Qty
1	APGA-001	BODY		1
2	APGA-002	NUT	G830-600-3	1
3	APGA-003	BOLT	G830-600-2	1
4	APGA-004	GASKET		1



DSTech Co., LTD.

#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)

Tel: 82-51-207-8006

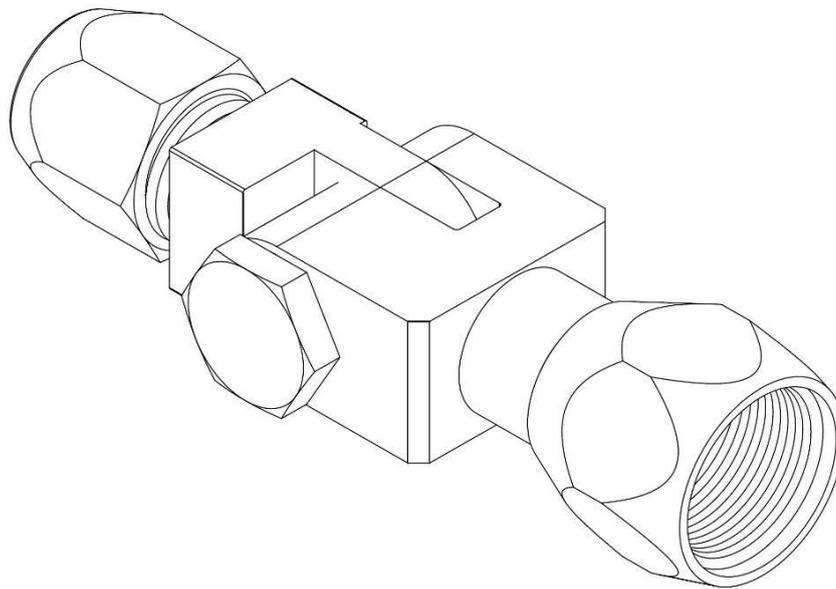
Fax: 82-51-207-8831

www.dstpump.com

GUN Nozzle Parts

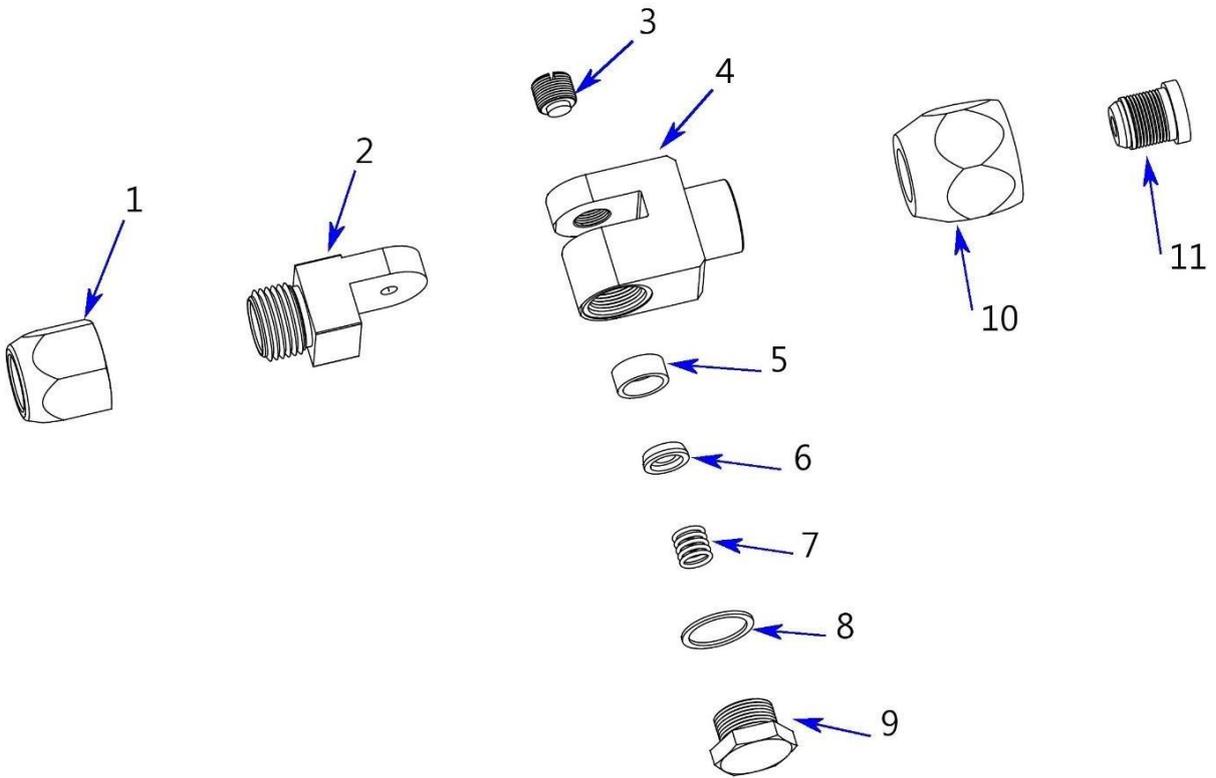
2010,04,12 rev1

MODEL G830-600



DSTech Co., LTD.
#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)
Tel: 82-51-207-8006
Fax: 82-51-207-8831
www.dstpump.com

part



No	D-Part No	G-Part No	Description	Qty
1	G830-001	220-255	TIP GUARD	1
2	G730-010	162-618	NOZZLE, swivel	1
3	G730-025	205-032	SCREW	1
4	G830-601		HOUSING	1
5	G730-012	176-238	SEAL	1
6	G730-005	151-395	Washer	1
7	G730-003	150-081	Spring	1
8	G730-004	150-451	Gasket	1
9	G730-009	162-617	Plug	1
10	G830-603		7/8" NUT	1
11	G830-602		BOLT	1

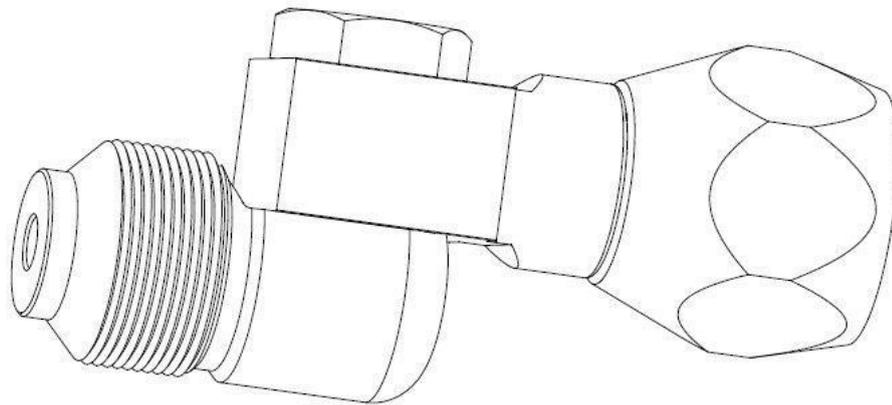
These parts are included in repair kit which may be purchased separately. Repair kit D code : G830-650

GUN Swivel Nozzle Parts

2012.04.13 rev2

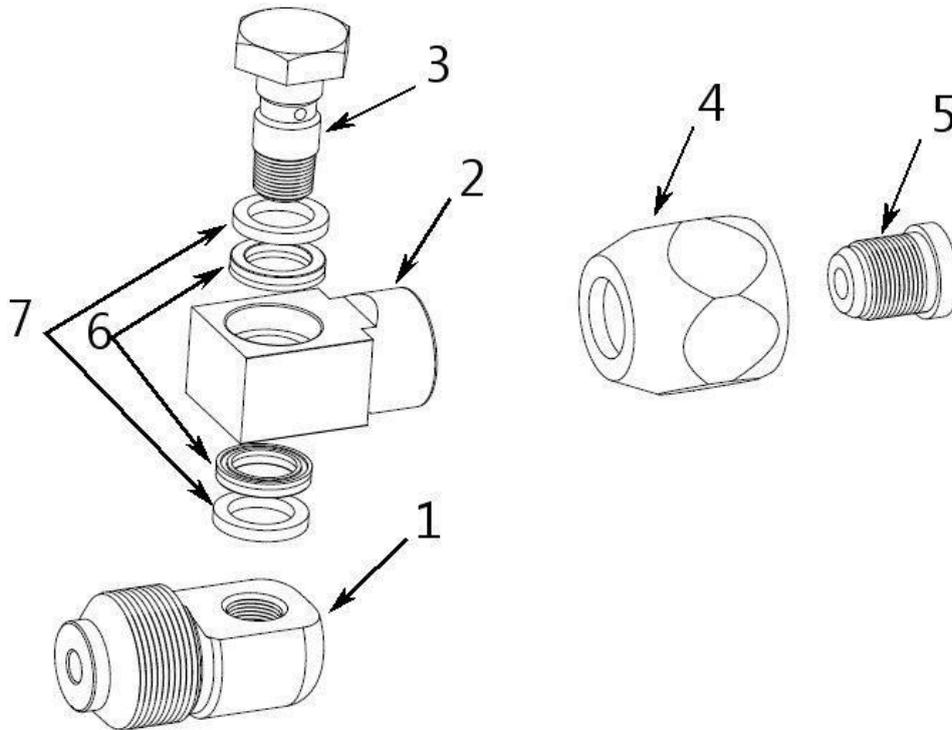
MODEL G830-700 7/8" Thread

MODEL G830-800 1 1/16" Thread



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part



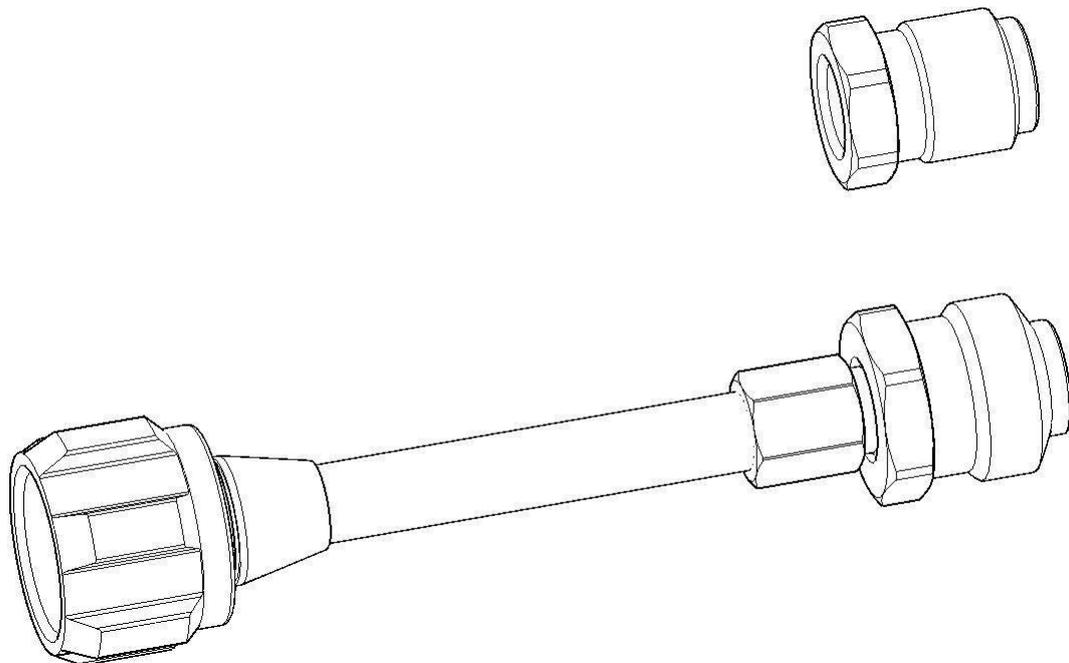
No	D-Part No	Description	Qty
1	G830-701	NOZZLE ,body	1
2	G830-702	NOZZLE,	1
3	G830-703	SCREW	1
4	G830-704, 804	CAP	1
5	G830-705	SCREW	1
6	G830-706	PACKING	2
7	G830-707	BACKUP WASHER	2

*These parts are included in repair kit which may be purchased separately. Repair kit D code : G830-750
D code : G830-850*

Gun Extension Pole and Accessories

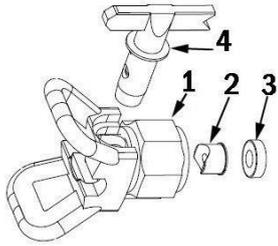
2015.09.21 rev3

AGEB-150	150mm	POLE
AGEB-300	300mm	POLE
AGEB-500	500mm	POLE
AGEB-700	700mm	POLE
AGEB-1000	1000mm	POLE



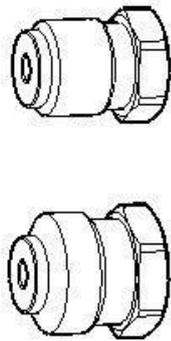
DSTech Co., LTD.
#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)
Tel: 82-51-207-8006
Fax: 82-51-207-8831
www.dstpump.com

S/W Tip GUARD



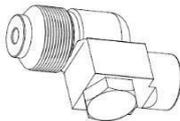
No	D Code	G Code	Description
1	AST0-001	237-859	7/8" S/W TIP GUARD
	AST0-002	237-858	11/16" S/W TIP GUARD
2	AST0-003		SADDLE
3	AST0-004		PACKING
4	AST0-XXX		S/W TIP

GUN Adapter



D Code	G Code	Description (IN)x(OUT)
E110-006		GUN ADAPTER (7/8")x (1/2-20)
E110-007		GUN ADAPTER (11/16")x (1/2-20)

Turn Spary Nozzle



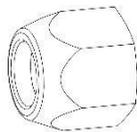
D Part	G Part	Description Inlet x Outlet
AGES-001	235-486	1/2"-20unf x 7/8"-14unc

Extension Pol



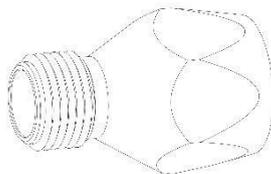
D Part	G Part	Description Inlet x Outlet
AGEB-150		150mm 7/8"-14unf x 1/2"-20unf
AGEB-300		300mm 7/8"-14unf x 1/2"-20unf
AGEB-500		500mm 7/8"-14unf x 1/2"-20unf
AGEB-700		700mm 7/8"-14unf x 1/2"-20unf
AGEB-1000		1000mm 7/8"-14unf x 1/2"-20unf

Flat Tip HOUSING NUT



D Part	G Part	Description
G830-001	220-255	TIP FILLET HOUSING NUT

Tip Filter Housing

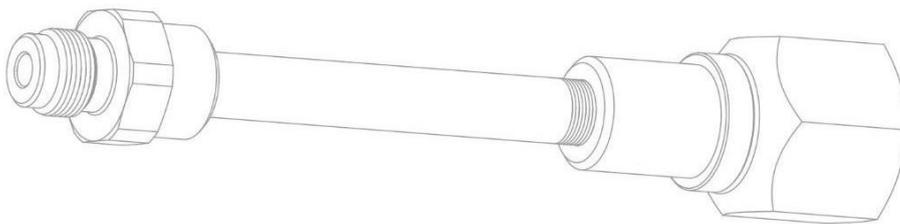


D Part	G Part	Description Inlet x Outlet
G830-004	164-120	7/8"-14unf x 11/16"-16unc

Gun Extension Pole and Accessories

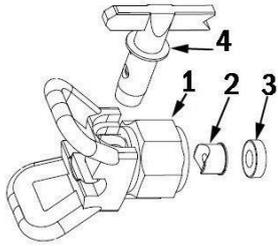
2015.09.21 rev3

AGEB-K01	300mm	POLE
AGEB-K02	500mm	POLE
AGEB-K03	700mm	POLE
AGEB-K04	1000mm	POLE



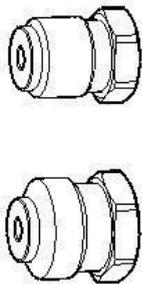
DSTech Co., LTD.
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S/W Tip GUARD



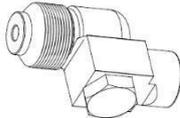
No	D Code	G Code	Description
1	AST0-001	237-859	7/8" S/W TIP GUARD
	AST0-002	237-858	11/16" S/W TIP GUARD
2	AST0-003		SADDLE
3	AST0-004		PACKING
4	AST0-XXX		S/W TIP

GUN Adapter



D Code	G Code	Description (IN)x(OUT)
E110-006		GUN ADAPTER (7/8")x (1/2-20)
E110-007		GUN ADAPTER (11/16")x (1/2-20)

Turn Spary Nozzle



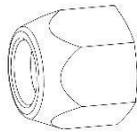
D Part	G Part	Description Inlet x Outlet
AGES-001	235-486	1/2"-20unf x 7/8"-14unc

Extension Pol



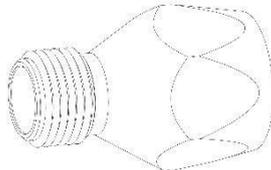
D Part	G Part	Description Inlet x Outlet
AGEB-K01		0.3M 7/8"-14unf x 1/2"-20unf
AGEB-K02		0.5M 7/8"-14unf x 1/2"-20unf
AGEB-K03		0.7M 7/8"-14unf x 1/2"-20unf
AGEB-N04		1.0M 7/8"-14unf x 1/2"-20unf

Flat Tip HOUSING NUT



D Part	G Part	Description
G830-001	220-255	TIP FILLET HOUSING NUT

Tip Filter Housing

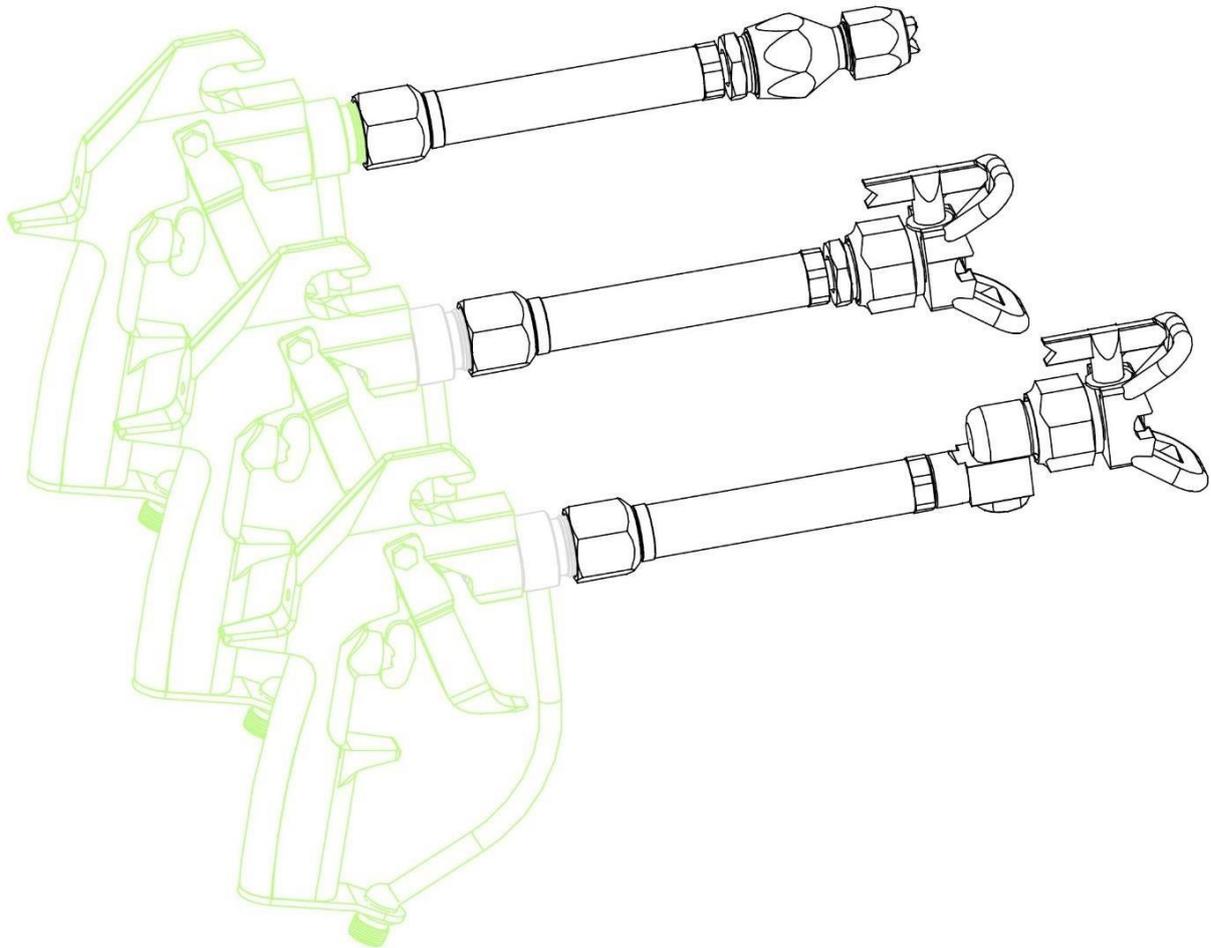


D Part	G Part	Description Inlet x Outlet
G830-004	164-120	7/8"-14unf x 11/16"-16unc

Gun Extension Pole and Accessories

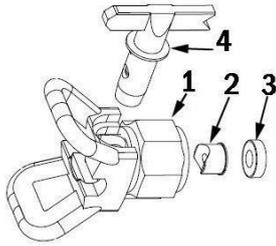
2015.09.21 rev3

- AGEB-001 3" POLE**
- AGEB-002 6" POLE**
- AGEB-003 9" POLE**



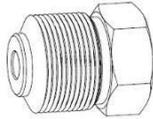
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#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)
Tel: 82-51-207-8006
Fax: 82-51-207-8831
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S/W Tip GUARD



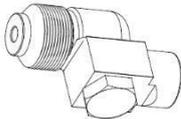
No	D Code	G Code	Description
1	AST0-001	237-859	7/8" S/W TIP GUARD
	AST0-002	237-858	11/16" S/W TIP GUARD
2	AST0-003		SADDLE
3	AST0-004		PACKING
4	AST0-XXX		S/W TIP

GUN Adapter



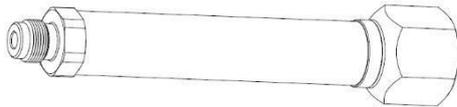
D Code	G Code	Description (IN)x(OUT)
AGA0-001	181-085	GUN ADAPTER (7/8")x (11/16")
AGA0-002		GUN ADAPTER (1/2")x (11/16")
AGA0-003		GUN ADAPTER M17P1.5x (11/16")

Turn Spary Nozzle



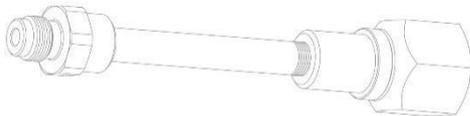
D Part	G Part	Description Inlet x Outlet
AGES-001	235-486	1/2"-20unf x 7/8"-14unc

Extension Pol



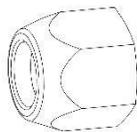
D Part	G Part	Description Inlet x Outlet
AGEB-001		3 feet 7/8"-14unf x 1/2"-20unf
AGEB-002		6 feet 7/8"-14unf x 1/2"-20unf
AGEB-003		9 feet 7/8"-14unf x 1/2"-20unf

Extension Pol



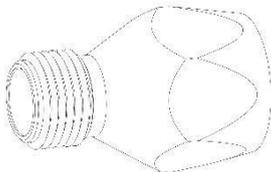
D Part	G Part	Description Inlet x Outlet
AGEB-N01		0.3M 7/8"-14unf x 1/2"-20unf
AGEB-N02		0.5M 7/8"-14unf x 1/2"-20unf
AGEB-N03		0.7M 7/8"-14unf x 1/2"-20unf
AGEB-N04		1.0M 7/8"-14unf x 1/2"-20unf

Flat Tip HOUSING NUT



D Part	G Part	Description
G830-001	220-255	TIP FILLET HOUSING NUT

Tip Filter Housing



D Part	G Part	Description Inlet x Outlet
G830-004	164-120	7/8"-14unf x 11/16"-16unc

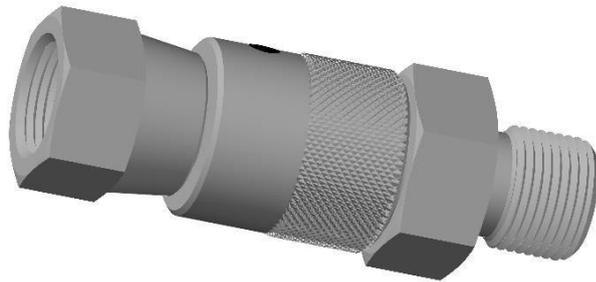
GUN Swivel Parts

2015.09.16 REV3

7400 psi (510 bar) Maximum Working Pressure

MODEL

ASG1-501 1/4"npsm(f) x 1/4"npsm(m)



3600 psi (250 bar, 25 MPa) Maximum Working Pressure

MODEL

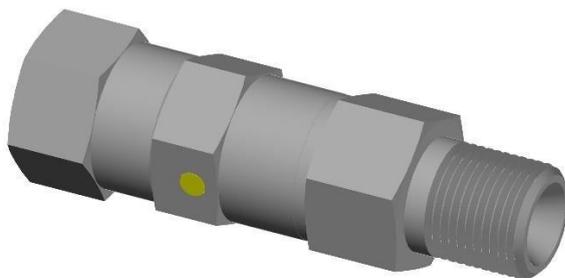
ASG1-001 1/4"npsm(f) x 1/4"npsm(m)

ASG2-001 3/8"npsm(f) x 3/8"npsm(m)

ASG3-001 1/2"npsm(f) x 1/2"npsm(m)

ASG4-001 1/4"npsm(f) x 3/8"npsm(m)

ASG5-001 3/8"npsm(f) x 1/2"npsm(m)



HOSE Swivel Parts

rev5

2009,8,25

3600 psi (250 bar, 25 MPa) Maximum Working Pressure

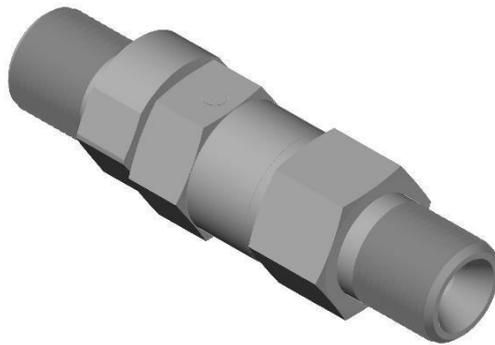
MODEL

ASH1-001 1/4"npsm(m) x 1/4"npsm(m)

ASH2-001 3/8"npsm(m) x 3/8"npsm(m)

ASH3-001 1/2"npsm(m) x 1/2"npsm(m)

ASH4-001 1/4"npsm(m) x 3/8"npsm(m)



DSTech Co., LTD.

#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)

Tel: 82-51-207-8006

Fax: 82-51-207-8831

www.dstpump.com

Z-Swivel Parts

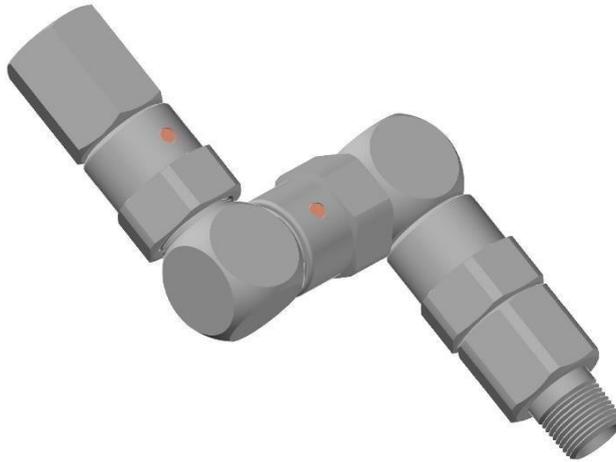
2009,11,05, rev1

6000 psi (415 bar,) Maximum Working Pressure swivel

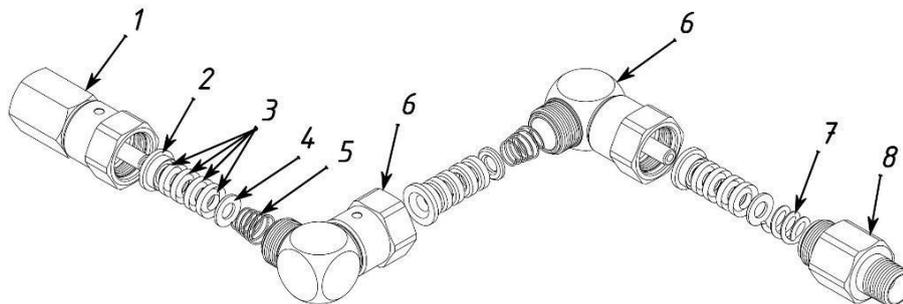
MODEL

ASZ1-100 (202-577) 1/4"npt(f) x 1/4"npt(m)

ASZ2-100 (224-569) 3/8"npt(f) x 3/8"npt(m)



Part



No	ASZ1-100	ASZ2-100	Description	Qty
1	ASZ1-101	ASZ2-101	NIPPLE	1
2	ASZ1-102	ASZ2-102	GLAND ,male	3
3	ASZ1-103	ASZ2-103	V-PACKING, PTFE	12
4	ASZ1-104	ASZ2-104	GLAND ,female	3
5	ASZ1-105	ASZ2-105	SPRING	2
6	ASZ1-106	ASZ2-106	BODY	2
7	ASZ1-107	ASZ2-107	SPRING	1
8	ASZ1-108	ASZ2-108	SPRING HOUSING	1
	ASZ1-500	ASZ2-500		

*These parts are included in repair kit which may be purchased separately. Repair kit D code : **ASZX-500** included (2, 3, 4, 5, 8)*

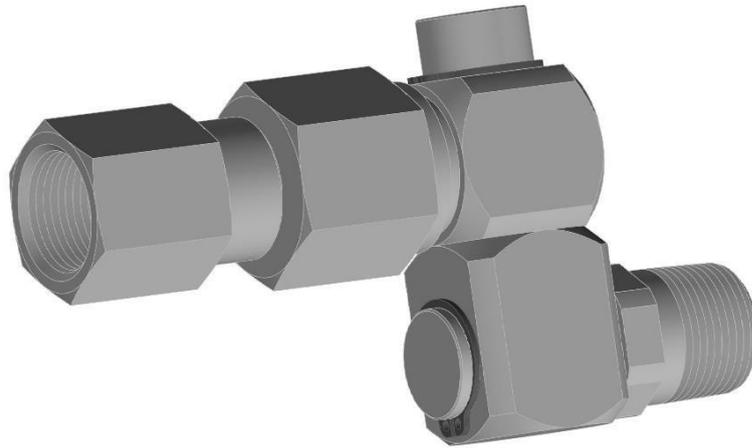
Z-Swivel Parts

2009,8,25 rev1

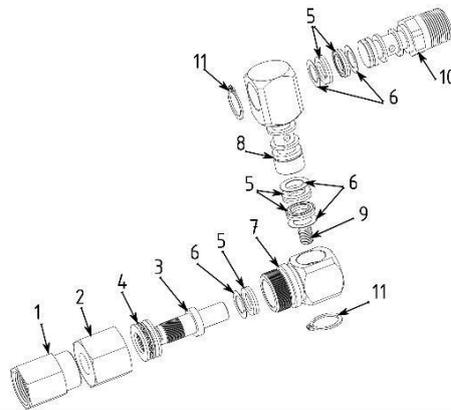
6000 psi (415 bar,) Maximum Working Pressure swivel

MODEL

ASZ3-100 1/2" npt(f) x 1/2" npt(m)



parts



No	D Code	G Code	Description	Qty
1	ASZ3-101	.	SOCKET 1/2" NPT(F)	1
2	ASZ3-102		CAP NUT	1
3	ASZ3-103		SHAFT	1
4	ASZ3-104		BEARING	1
5	ASZ3-105	102-918	SEAL	5
6	ASZ3-106	168-667	WASHER	5
7	ASZ3-107	168-671	HOUSING	1
8	ASZ3-108	168-672	STUD	1
9	ASZ3-109	.	SET SCREW	1
10	ASZ3-110	168-673	COUPLING	1
11	ASZ3-111	102-919	RING	2

FILTER HOLDERS Parts

STAINLESS STEEL

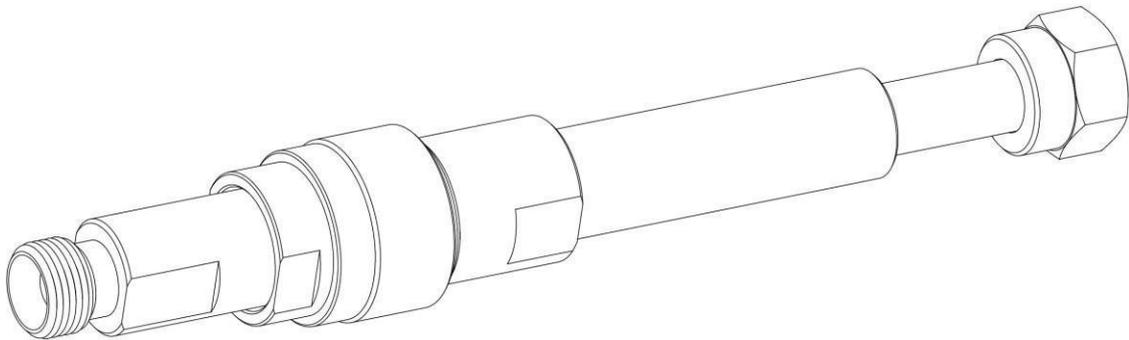
2010.01.14 rev2

MODEL

A631-000 1/4"npsm(f) x 1/4"npsm(m)

A632-000 1/4"npsm(f) x 3/8"npsm(m)

A633-000 3/8"npsm(f) x 3/8"npsm(m)



DSTech Co., LTD.

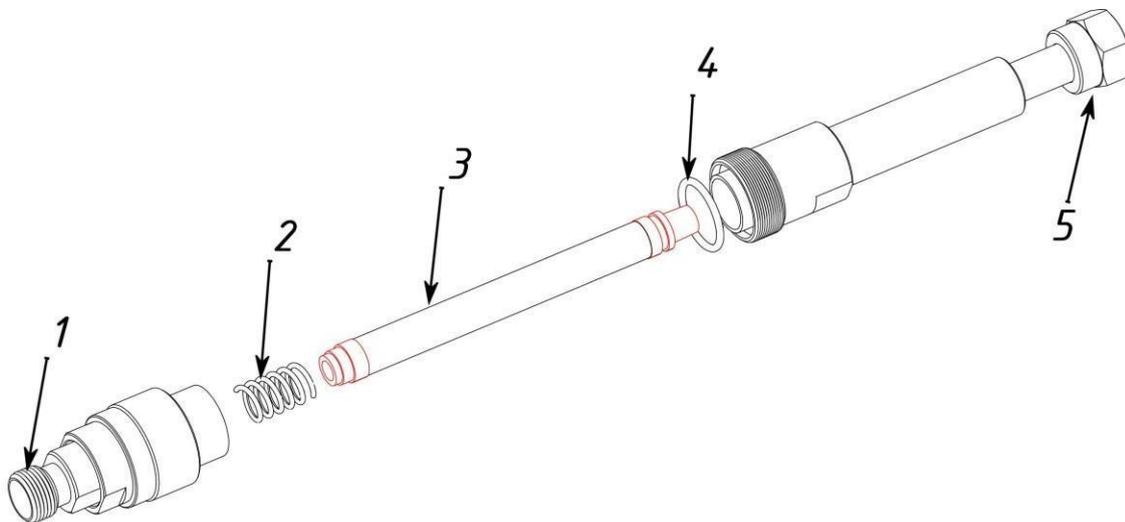
**#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)**

Tel: 82-51-207-8006

Fax: 82-51-207-8831

www.dstpump.com

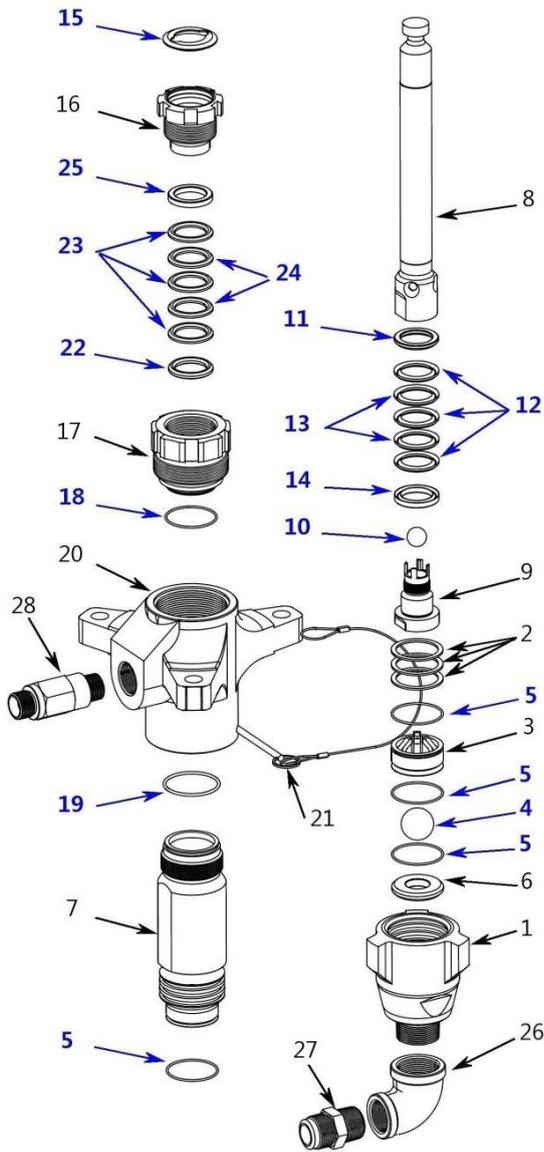
part



No	A631-000	A632-000	A633-000	Description	Qty
-001	F 1/4"	F 1/4"	F 3/8"	HOUSING CAP	1
-002	SPRING				1
-003	INSERT FILTERS				1
-004	PACKING				1
-005	M1/4"	M3/8"	M 3/8"	FILTER HOUSING	1
OPTION INSERT FILTERS No 2					
No	D Code	Mesh	Color	Description	Qty
3-1	AGFG-030	30	GREEN		
3-2	AGFW-050	50	WHITE		
3-3	AGFB-065	65	BLACK		
3-4	AGFY-100	100	YELLOW		
3-5	AGFB-150	150	BLUE		
3-6	AGFR-200	200	RED		

Parts drawing and Parts List

X401-100 PUMP (290cc, K254)
N471-100 PUMP (311cc, N270)
X201-100 PUMP (290cc, B178)



Note : part marked in color are the spare part

No	D CODE	N CODE	Description	Qty
1	X401-001	N471-001	HOUSING, inlet	1
2	X401-002	N471-002	SHIM, inlet	3
3	X401-003	N471-003	BALL GUIDE	1
4	X401-004	N471-004	BALL	1
5	X401-005	N471-005	O-RING	4
6	X401-006	N471-006	SEAT	1
7	X401-007	N471-007	CYLINDER	1
8	X401-008	N471-008	ROD, displacement	1
9	X401-009	N471-009	PISTON VALVE	1
10	X401-010	N471-010	BALL	1
11	X401-011	N471-011	GLAND, male(S)	1
12	X401-012	N471-012	V-PACKING(S)	3
13	X401-013	N471-013	V-PACKING, LEATHER(S)	2
14	X401-014	N471-014	GLAND, female(S)	1
15	X401-015	N471-015	PLUG, seal	1
16	X401-016	N471-016	PACKING NUT	1
17	X401-017	N471-017	CARTRIDGE	1
18	X401-018	N471-018	O-RING	1
19	X401-019	N471-019	O-RING	1
20	X401-020	N471-020	HOUSING	1
21	X401-021	N471-021	PIN	1
22	X401-022	N471-022	GLAND, male(L)	1
23	X401-023	N471-023	V-PACKING(L)	3
24	X401-024	N471-024	V-PACKING, LEATHER(L)	2
25	X401-025	N471-025	GLAND, female(L)	1
26	X401-026	N471-026	TUBE	1
27	X401-027	N471-027	NIPPLE	1
28	X401-028	N471-028	JOINT NIPPLE	1

REPAIR KIT No : X401-500

With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19, 22, 23, 24, 25

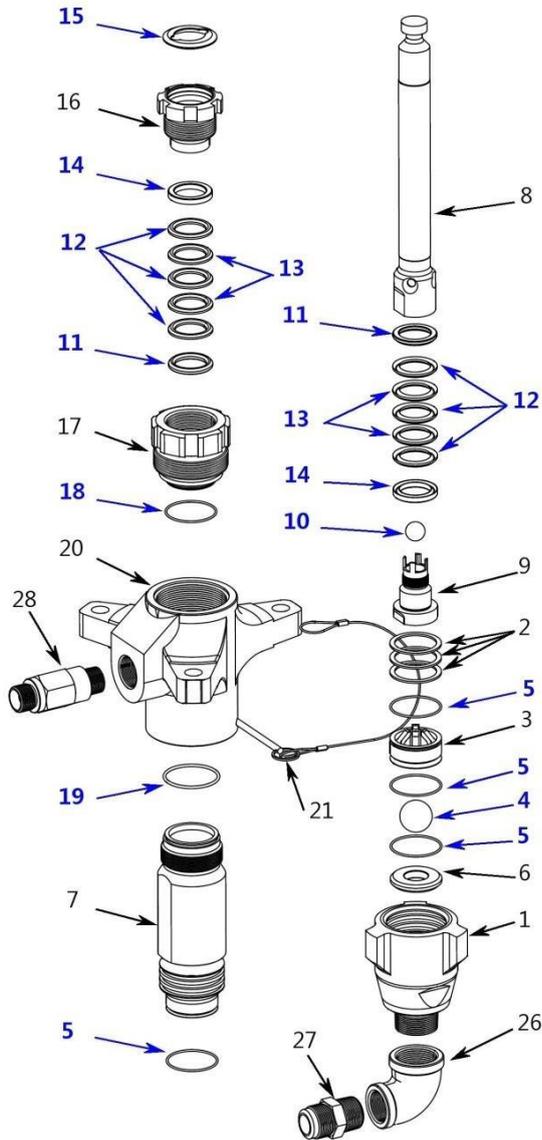
REPAIR KIT No : X401-501

With 4, 5, 10, 11, 13, 14, 15, 18, 19, 22, 24, 25

No #13	X401-013	V-PACKING, LEATHER(S)	5EA
#24	X401-024	V-PACKING, LEATHER(L)	5EA

Parts drawing and Parts List

X451-100 PUMP (250cc, K254)
N551-100 PUMP (270cc, N270)
X241-100 PUMP (250cc, B178)



Note : part marked in color are the spare part

No	D CODE	N CODE	Description	Qty
1	X451-001	N551-001	HOUSING, inlet	1
2	X451-002	N551-002	SHIM, inlet	3
3	X451-003	N551-003	BALL GUIDE	1
4	X451-004	N551-004	BALL	1
5	X451-005	N551-005	O-RING	4
6	X451-006	N551-006	SEAT	1
7	X451-007	N551-007	CYLINDER	1
8	X451-008	N551-008	ROD, displacement	1
9	X451-009	N551-009	PISTON VALVE	1
10	X451-010	N551-010	BALL	1
11	X451-011	N551-011	GLAND, male	2
12	X451-012	N551-012	V-PACKING	6
13	X451-013	N551-013	V-PACKING, LEATHER	4
14	X451-014	N551-014	GLAND, female	2
15	X451-015	N551-015	PLUG, seal	1
16	X451-016	N551-016	PACKING NUT	1
17	X451-017	N551-017	CARTRIDGE	1
18	X451-018	N551-018	O-RING	1
19	X451-019	N551-019	O-RING	1
20	X451-020	N551-020	HOUSING	1
21	X451-021	N551-021	PIN	1
26	X451-026	N551-026	TUBE	1
27	X451-027	N551-027	NIPPLE	1
28	X451-028	N551-028	JOINT NIPPLE	1

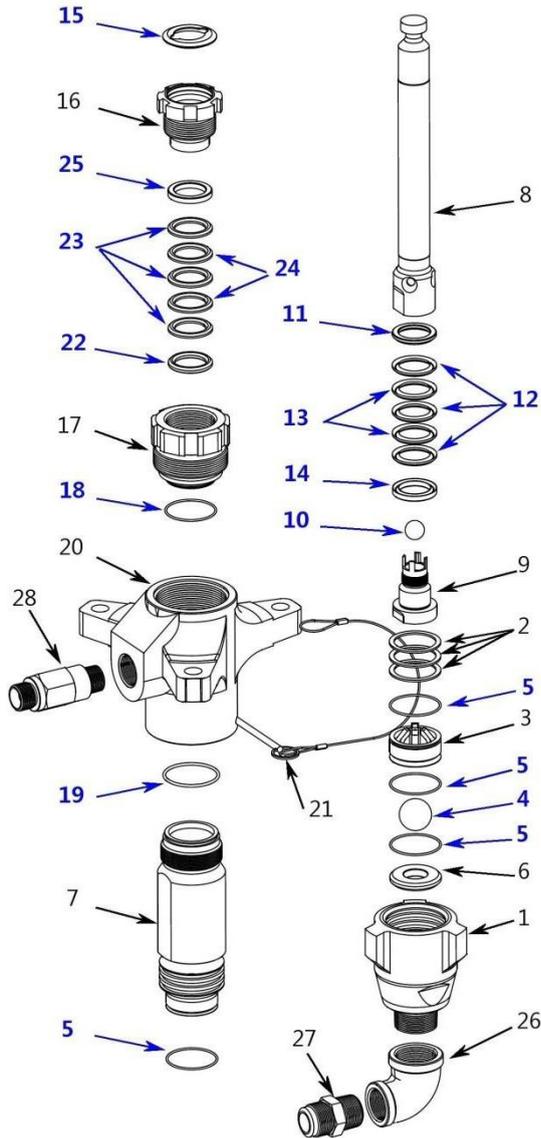
REPAIR KIT No : X451-500, N551-500
 With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19

REPAIR KIT No : X451-501, N551-501
 With 4, 5, 10, 11, 13, 14, 15, 18, 19
 No #13 X451-013 V-PACKING, LEATHER 10EA

REPAIR KIT No : X451-502, N551-502
 With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19
 No #12 X451-012 V-PACKING 2EA
 #13 X451-013 V-PACKING, LEATHER 8EA

Parts drawing and Parts List

X561-100 PUMP (220cc, K254)
N631-100 PUMP (233cc, N270)
BX281-100 PUMP (220cc, B178)



Note : part marked in color are the spare part

No	D Code	N Code	Description	Qty
1	X561-001	N631-001	HOUSING, inlet	1
2	X561-002	N631-002	SHIM, inlet	3
3	X561-003	N631-003	BALL GUIDE	1
4	X561-004	N631-004	BALL	1
5	X561-005	N631-005	O-RING	4
6	X561-006	N631-006	SEAT	1
7	X561-007	N631-007	CYLINDER	1
8	X561-008	N631-008	ROD, displacement	1
9	X561-009	N631-009	PISTON VALVE	1
10	X561-010	N631-010	BALL	1
11	X561-011	N631-011	GLAND, male(S)	1
12	X561-012	N631-012	V-PACKING(S)	3
13	X561-013	N631-013	V-PACKING, LEATHER(S)	2
14	X561-014	N631-014	GLAND, female(S)	1
15	X561-015	N631-015	PLUG, seal	1
16	X561-016	N631-016	PACKING NUT	1
17	X561-017	N631-017	CARTRIDGE	1
18	X561-018	N631-018	O-RING	1
19	X561-019	N631-019	O-RING	1
20	X561-020	N631-020	HOUSING	1
21	X561-021	N631-021	PIN	1
22	X561-022	N631-022	GLAND, male(L)	1
23	X561-023	N631-023	V-PACKING(L)	3
24	X561-024	N631-024	V-PACKING, LEATHER(L)	2
25	X561-025	N631-025	GLAND, female(L)	1
26	X561-026	N631-026	TUBE	1
27	X561-027	N631-027	NIPPLE	1
28	X561-028	N631-028	JOINT NIPPLE	1

REPAIR KIT No : X561-500, N631-500
 With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19, 22, 23, 24, 25

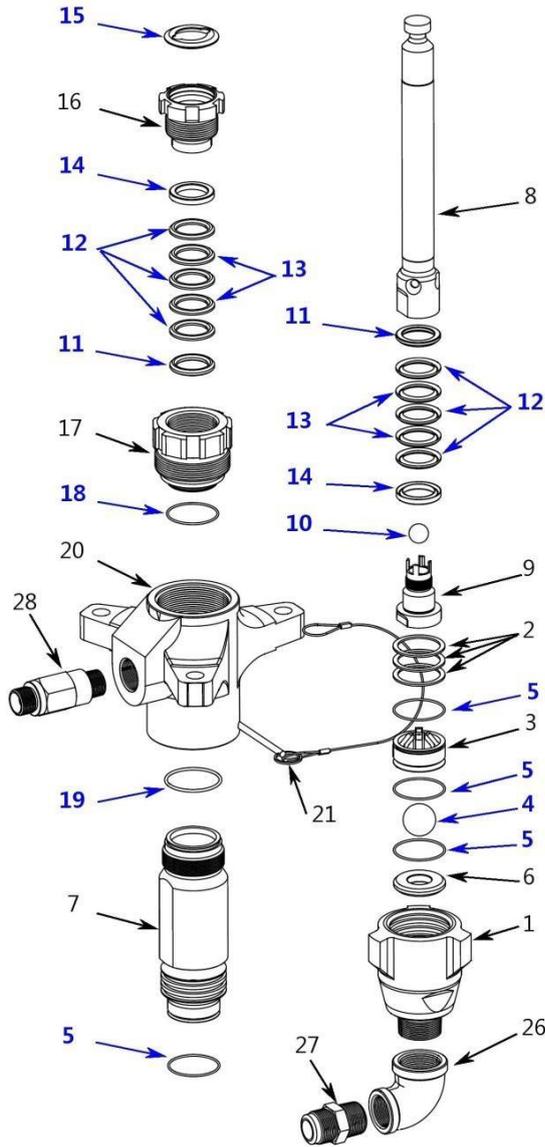
REPAIR KIT No : X561-501, N631-501
 With 4, 5, 10, 11, 13, 14, 15, 18, 19, 22, 24, 25
 No #13 X561-013 V-PACKING, LEATHER(S) 5EA
 #24 X561-024 V-PACKING, LEATHER(L) 5EA

REPAIR KIT No : X561-502, N631-502
 With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19, 22, 23, 24, 25
 No #12 X561-012 V-PACKING(S) 1EA
 #13 X561-013 V-PACKING, LEATHER(S) 4EA
 #23 X561-023 V-PACKING(L) 1EA
 #24 X561-024 V-PACKING, LEATHER(L) 4EA

REPAIR KIT No : X561-503, N631-503
 With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19, 22, 23, 24, 25
 No #12 X561-012 V-PACKING(S), UHMWPE 1EA
 #13 X561-013 V-PACKING, LEATHER(S) 4EA
 #23 X561-023 V-PACKING(L), UHMWPE 1EA
 #24 X561-024 V-PACKING, LEATHER(L) 4EA

Parts drawing and Parts List

X681-100 PUMP (180cc, K254)
N751-100 PUMP (195cc, N270)
X331-100 PUMP (180cc, B178)



Note : part marked in color are the spare parts

No	D Code	N Code	Description	Qty
1	X681-001	N751-001	HOUSING, inlet	1
2	X681-002	N751-002	SHIM, inlet	3
3	X681-003	N751-003	BALL GUIDE	1
4	X681-004	N751-004	BALL	1
5	X681-005	N751-005	O-RING	4
6	X681-006	N751-006	SEAT	1
7	X681-007	N751-007	CYLINDER	1
8	X681-008	N751-008	ROD, displacement	1
9	X681-009	N751-009	PISTON VALVE	1
10	X681-010	N751-010	BALL	1
11	X681-011	N751-011	GLAND, male	2
12	X681-012	N751-012	V-PACKING	6
13	X681-013	N751-013	V-PACKING, LEATHER	4
14	X681-014	N751-014	GLAND, female	2
15	X681-015	N751-015	PLUG, seal	1
16	X681-016	N751-016	PACKING NUT	1
17	X681-017	N751-017	CARTRIDGE	1
18	X681-018	N751-018	O-RING	1
19	X681-019	N751-019	O-RING	1
20	X681-020	N751-020	HOUSING	1
21	X681-021	N751-021	PIN	1
26	X681-026	N751-026	TUBE	1
27	X681-027	N751-027	NIPPLE	1
28	X681-028	N751-028	JOINT NIPPLE	1

REPAIR KIT No: X681-500, N751-500
 With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19

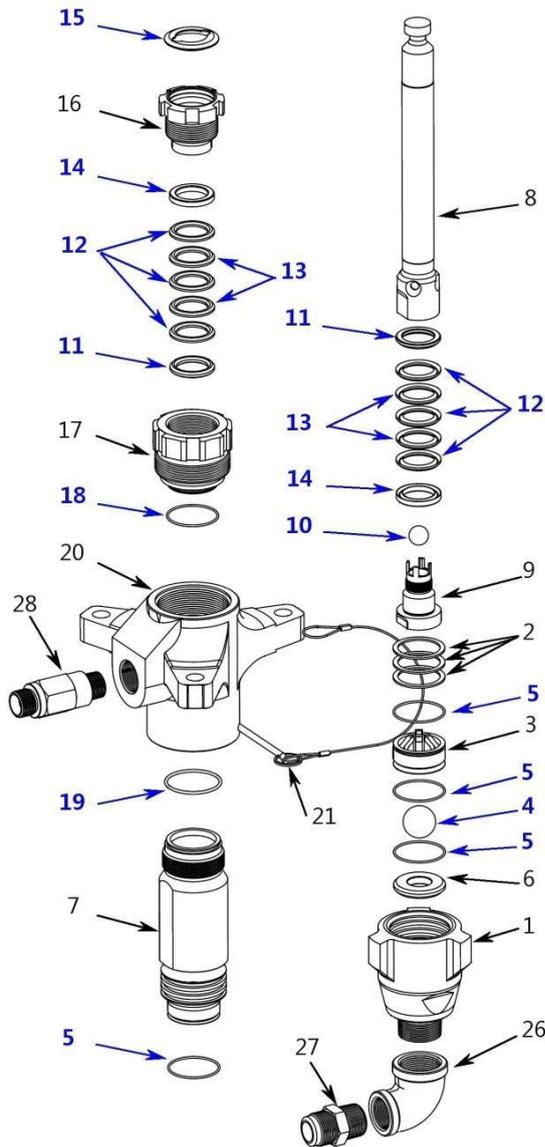
REPAIR KIT No: X681-501, N751-501
 With 4, 5, 10, 11, 13, 14, 15, 18, 19
 No #13 X681-013 V-PACKING, LEATHER 10EA

REPAIR KIT No: X681-502, N751-502
 With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19
 No #12 X681-012 V-PACKING 2EA
 #13 X681-013 V-PACKING, LEATHER 8EA

REPAIR KIT No: X681-503, N751-503
 With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19
 No #12 X681-012 V-PACKING, UHMWPE 2EA
 #13 X681-013 V-PACKING, LEATHER 8EA

Parts drawing and Parts List

X831-100 PUMP (145cc, K254)
N951-100 PUMP (155cc, N270)
BX401-100 PUMP (145cc, B178)



Note : part marked in color are the spare parts

No	D Code	N Code	Description	Qty
1	X831-001	N951-001	HOUSING, inlet	1
2	X831-002	N951-002	SHIM, inlet	3
3	X831-003	N951-003	BALL GUIDE	1
4	X831-004	N951-004	BALL	1
5	X831-005	N951-005	O-RING	4
6	X831-006	N951-006	SEAT	1
7	X831-007	N951-007	CYLINDER	1
8	X831-008	N951-008	ROD, displacement	1
9	X831-009	N951-009	PISTON VALVE	1
10	X831-010	N951-010	BALL	1
11	X831-011	N951-011	GLAND, male	2
12	X831-012	N951-012	V-PACKING	6
13	X831-013	N951-013	V-PACKING, LEATHER	4
14	X831-014	N951-014	GLAND, female	2
15	X831-015	N951-015	PLUG, seal	1
16	X831-016	N951-016	PACKING NUT	1
17	X831-017	N951-017	CARTRIDGE	1
18	X831-018	N951-018	O-RING	1
19	X831-019	N951-019	O-RING	1
20	X831-020	N951-020	HOUSING	1
21	X831-021	N951-021	PIN	1
26	X831-026	N951-026	TUBE	1
27	X831-027	N951-027	NIPPLE	1
28	X831-028	N951-028	JOINT NIPPLE	1

REPAIR KIT No: X831-500, N951-500
 With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19

REPAIR KIT No: X831-501, N951-502
 With 4, 5, 10, 11, 12, 14, 15, 18, 19
 No #12 X831-012 V-PACKING 10EA

REPAIR KIT No: X831-502, N951-502
 With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19
 No #12 X831-012 V-PACKING 2EA
 #13 X831-013 V-PACKING, LEATHER 8EA

Parts

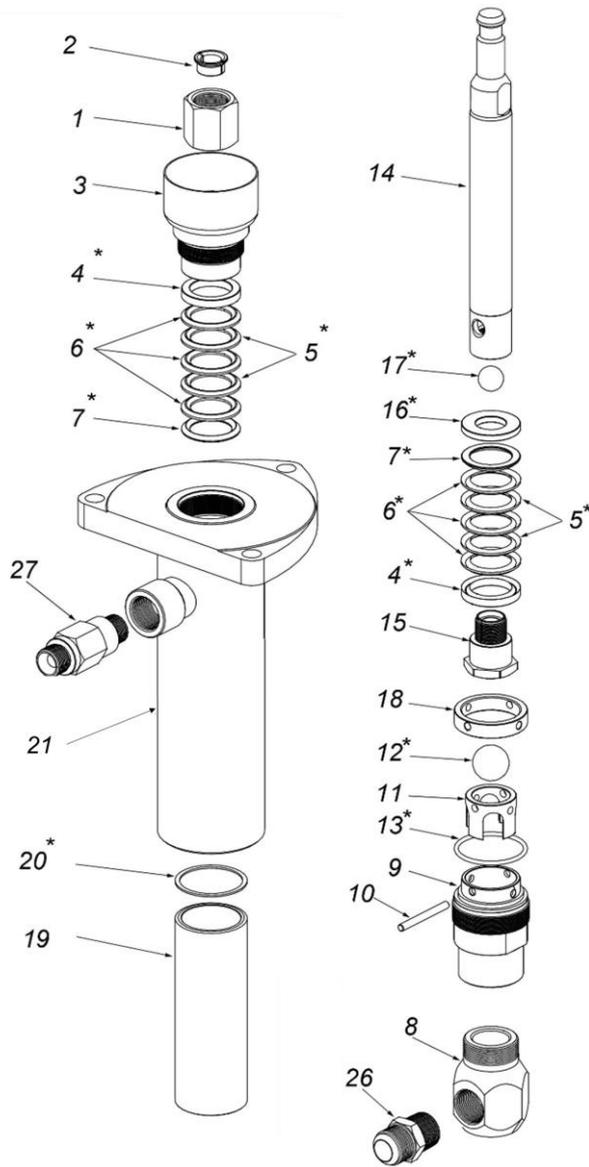
No	CODE	Description	Qty	No	CODE	Description	Qty
1	K254-001	LIFT RING	1	27	K254-027	VALVE HOUSING	1
2	K254-002	ADAPTER UNION	1	28	K254-028	HUB	1
3	K254-003	MOTOR SHIELD	1	29	K254-029	BEARING, trip rod	1
4	K254-004	RETAINER	2	30	K254-030	GASKET	1
5	K254-005	SPRING, plunger	2	31	K254-031	BACKUP WASHER	1
6	K254-006	GUIDE	2	32	K254-032	V- PACKING	1
7	K254-007	PLUNGER	2	33	K254-033	HEX BOLT	12
8	K254-008	SCREW	4	34	K254-034	WASHER	12
9	K254-009	LOCK WASHER	4	35	K254-035	MOTOR CYLINDER	1
10	K254-010	HOUSING, detent	1	36	K254-036	O-RING, piston	1
11	K254-011	PAD, rubber	2	37	K254-037	PISTON ASS'Y	1
12	K254-012	AXLE	2	38	K254-038	TRIP ROD ASS'Y	1
13	K254-013	ROLLER	2	39	K254-039	STUD	1
14	K254-014	SCREW	4	40	K254-040	MOTOR GASKET	1
15	K254-015	WASHER	4	41	K254-041	O-RING, base	1
16	K254-016	AIR MANIFOLD	2	42	K254-042	V-PACKING	1
17	K254-017	MANIFOLD GASKET	2	43	K254-043	BACKUP WASHER	2
18	K254-018	SCREW, valve plate	8	44	K254-044	WIPER SEAL	1
19	K254-019	VALVE PLATE	2	45	K254-045	BASE	1
20	K254-020	PLATE SEAL	2	47	K254-047	SCREW	1
21	K254-021	GROMMET	1	48	K254-048	RIVET, name plate	10
22	K254-022	O-RING	2	49	K254-049	NAME PLATE	2
23	K254-023	AIR VALVE	2	50	K254-050	SCREW	8
24	K254-024	SPRING, air valve	2	51	K254-051	THRUST WASHER	2
25	K254-025	NUT, trip rod	1	52	K254-052	PLUG	1
26	K254-026	LOCK WASHER	1	53	K254-053	SNAP RING	1

PART NO 17, 22, 30, 31, 32, 36, 42, 43,
Included in Repair KIT No K254-500

3. K-TYPE PUMP

L451-100 PUMP

A PATENT APPLICATION
PAT NO. 20-0452354



These parts are included in repair kit which may be purchased separately.

Always use genuine DST parts

No	Code	Description	Qty
1	K451-001	COUPLING NUT	1
2	K451-002	COUPLING COLLAR	2
3	K451-003	PACKING NUT	1
4	K451-004	GLAND, female	2
5	K451-005	V-PACING, LEATHER	4
6	K451-006	V-PACING, TEFLON	6
7	K451-007	GLAND, male	2
8	K451-008	TUBE	1
9	K451-009	INTAKE HOUSING	1
10	K451-010	PIN	1
11	K451-011	BALL GUIDE	1
12	K451-012	BALL 1 1/4"	1
13	K451-013	O-RING	1
14	K451-014	ROD, displacement	1
15	K451-015	VALVE PISTON	1
16	K451-016	WASHER	1
17	K451-017	BALL 7/8"	1
18	K451-018	RETAINER	1
19	K451-019	SLEEVE	1
20	K451-020	GASKET	1
21	K451-021	PUMP HOUSING	1
26	K451-026	NIPPLE	1
27	K451-027	JOINT NIPPLE	1

REPAIR KIT No : K451-500

With 4, 5, 6, 7, 12, 13, 16, 17, 20

REPAIR KIT No : K451-501

With 4, 5, 6, 7, 12, 13, 16, 17, 20

No #5	K451-005	V-PACKING, LEATHER	4EA
#6	K451-006	V-PACKING, TEFLON	6EA

REPAIR KIT No : K451-502

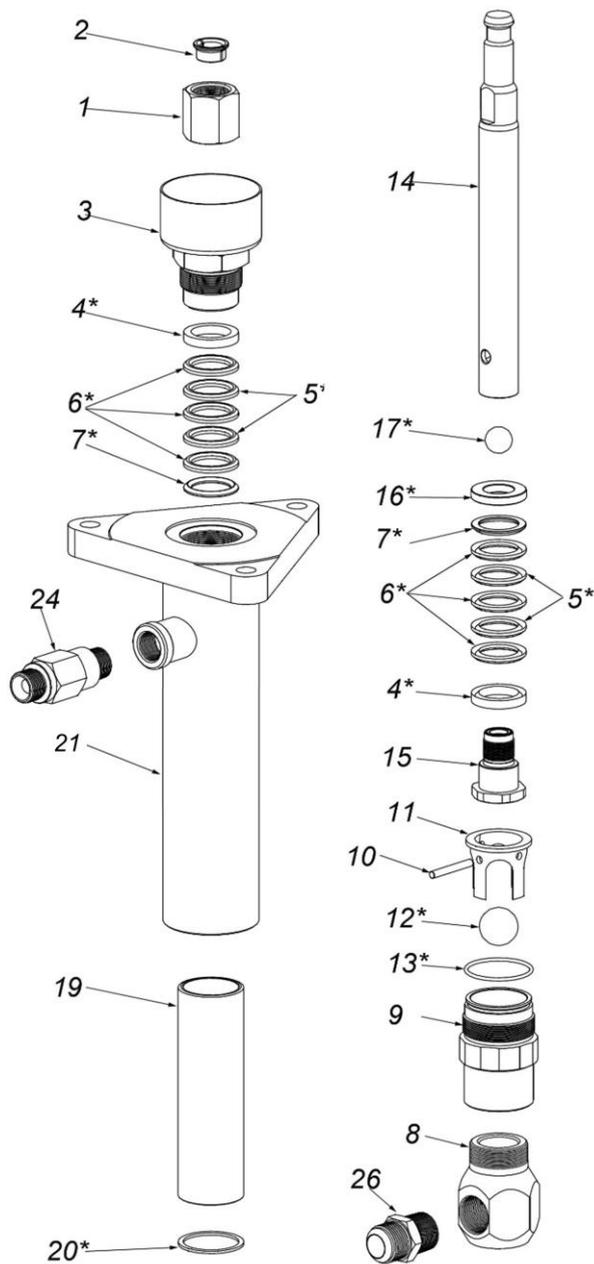
With 4, 6, 7, 12, 13, 16, 17, 20

No #6	K451-006	V-PACKING, TEFLON	10EA
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3. K-TYPE PUMP

L631-100 PUMP

A PATENT APPLICATION
PAT NO. 20-0452354



Always use genuine DST parts

No	Code	Description	Qty
1	K631-001	COUPLING NUT	1
2	K631-002	COUPLING COLLER	2
3	K631-003	PACKING NUT	1
4	K631-004	GLAND, female	2
5	K631-005	V-PACING, LEATHER	4
6	K631-006	V-PACING, TEFLON	6
7	K631-007	GLAND, male	2
8	K631-008	TUBE	1
9	K631-009	INTAKE HOUSING	1
10	K631-010	PIN	1
11	K631-011	BALL GUIDE	1
12	K631-012	BALL 1 1/4"	1
13	K631-013	O-RING	1
14	K631-014	ROD, displacement	1
15	K631-015	VALVE PISTON	1
16	K631-016	WASHER	1
17	K631-017	BALL 3/4"	1
19	K631-019	SLEEVE	1
20	K631-020	GASKET	1
21	K631-021	PUMP HOUSING	1
24	K631-024	JOINT NIPPLE	1
26	K631-026	NIPPLE	1

REPAIR KIT No : K631-500

With 4, 5, 6, 7, 12, 13, 16, 17, 20

REPAIR KIT No : K631-501

With 4, 5, 6, 7, 12, 13, 16, 17, 20

No #5	K631-005	V-PACKING, LEATHER	4EA
#6	K631-006	V-PACKING, TEFLON	6EA

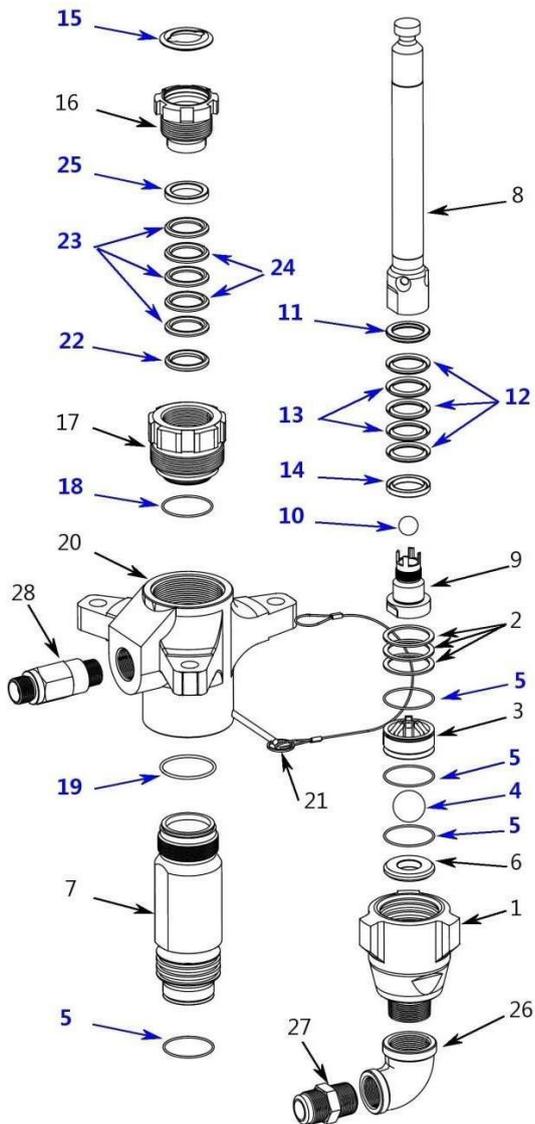
REPAIR KIT No : K631-502

With 4, 6, 7, 12, 13, 16, 17, 20

No #6	K631-006	V-PACKING, TEFLON	10EA
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4. X-TYPE PUMP

X401-100 PUMP (290cc, K254)
N471-100 PUMP (311cc, N270)



No	D CODE	N CODE	Description	Qty
1	X401-001	N471-001	HOUSING, inlet	1
2	X401-002	N471-002	SHIM, inlet	3
3	X401-003	N471-003	BALL GUIDE	1
4	X401-004	N471-004	BALL 1 1/2"	1
5	X401-005	N471-005	O-RING	4
6	X401-006	N471-006	SEAT	1
7	X401-007	N471-007	CYLINDER	1
8	X401-008	N471-008	ROD, displacement	1
9	X401-009	N471-009	PISTON VALVE	1
10	X401-010	N471-010	BALL 1"	1
11	X401-011	N471-011	GLAND, male(S)	1
12	X401-012	N471-012	V-PACKING(S), UHMWPE	3
13	X401-013	N471-013	V-PACKING, LEATHER(S)	2
14	X401-014	N471-014	GLAND, female(S)	1
15	X401-015	N471-015	PLUG, seal	1
16	X401-016	N471-016	PACKING NUT	1
17	X401-017	N471-017	CARTRIDGE	1
18	X401-018	N471-018	O-RING	1
19	X401-019	N471-019	O-RING	1
20	X401-020	N471-020	HOUSING	1
21	X401-021	N471-021	PIN	1
22	X401-022	N471-022	GLAND, male(L)	1
23	X401-023	N471-023	V-PACKING(L)	3
24	X401-024	N471-024	V-PACKING, LEATHER(L)	2
25	X401-025	N471-025	GLAND, female(L)	1
26	X401-026	N471-026	TUBE	1
27	X401-027	N471-027	NIPPLE	1
28	X401-028	N471-028	JOINT NIPPLE	1

REPAIR KIT No : X401-500, N471-500

With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19, 22, 23, 24, 25

REPAIR KIT No : X401-501, N471-501

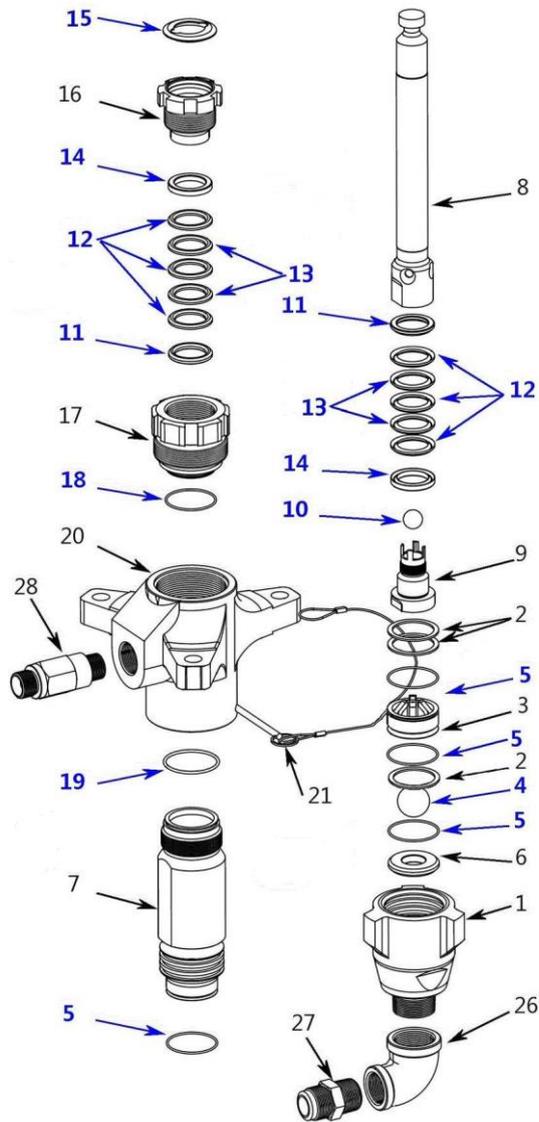
With 4, 5, 10, 11, 13, 14, 15, 18, 19, 22, 24, 25

No #13 X401-013 V-PACKING, LEATHER(S) 5EA

#24 X401-024 V-PACKING, LEATHER(L) 5EA

4. X-TYPE PUMP

X451-100 PUMP (250cc, K254)
N551-100 PUMP (270cc, N270)



No	D CODE	N CODE	Description	Qty
1	X451-001	N551-001	HOUSING, inlet	1
2	X451-002	N551-002	SHIM, inlet	3
3	X451-003	N551-003	BALL GUIDE	1
4	X451-004	N551-004	BALL 1 1/2"	1
5	X451-005	N551-005	O-RING	4
6	X451-006	N551-006	SEAT	1
7	X451-007	N551-007	CYLINDER	1
8	X451-008	N551-008	ROD, displacement	1
9	X451-009	N551-009	PISTON VALVE	1
10	X451-010	N551-010	BALL 7/8"	1
11	X451-011	N551-011	GLAND, male	2
12	X451-012	N551-012	V-PACKING, UHMWPE	6
13	X451-013	N551-013	V-PACKING, LEATHER	4
14	X451-014	N551-014	GLAND, female	2
15	X451-015	N551-015	PLUG, seal	1
16	X451-016	N551-016	PACKING NUT	1
17	X451-017	N551-017	CARTRIDGE	1
18	X451-018	N551-018	O-RING	1
19	X451-019	N551-019	O-RING	1
20	X451-020	N551-020	HOUSING	1
21	X451-021	N551-021	PIN	1
26	X451-026	N551-026	TUBE	1
27	X451-027	N551-027	NIPPLE	1
28	X451-028	N551-028	JOINT NIPPLE	1

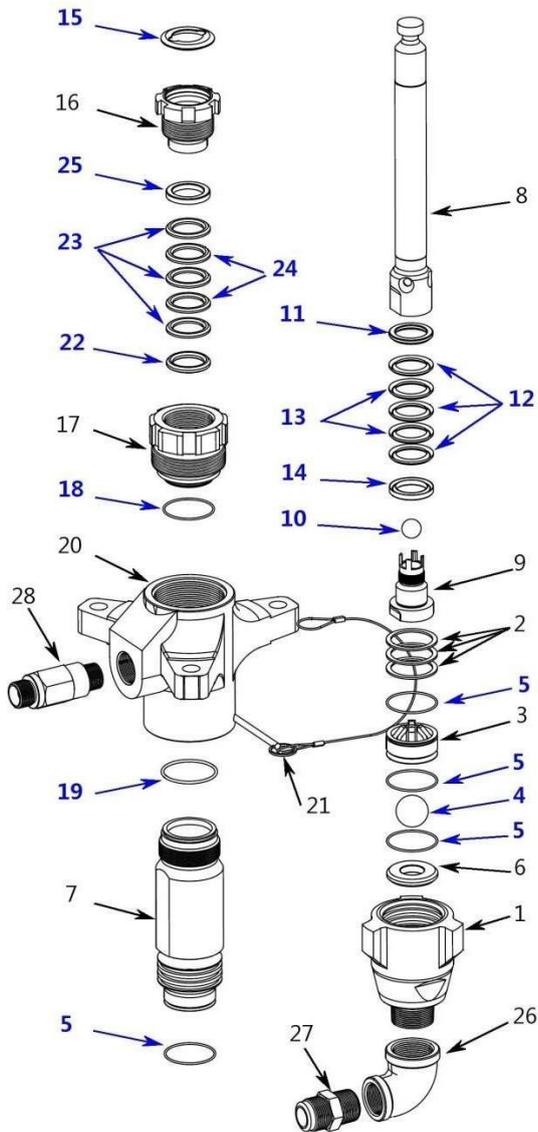
REPAIR KIT No : X451-500, N551-500
 With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19

REPAIR KIT No : X451-501, N551-501
 With 4, 5, 10, 11, 13, 14, 15, 18, 19
 No #13 X451-013 V-PACKING, LEATHER 10EA

REPAIR KIT No : X451-502, N551-502
 With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19
 No #12 X451-012 V-PACKING, UHMWPE 2EA
 #13 X451-013 V-PACKING, LEATHER 8EA

4. X-TYPE PUMP

X561-100 PUMP (220cc, K254) N631-100 PUMP (233cc, N270)



No	Code	N Code	Description	Qty
1	X561-001	N631-001	HOUSING, inlet	1
2	X561-002	N631-002	SHIM, inlet	3
3	X561-003	N631-003	BALL GUIDE	1
4	X561-004	N631-004	BALL 1 1/2"	1
5	X561-005	N631-005	O-RING	4
6	X561-006	N631-006	SEAT	1
7	X561-007	N631-007	CYLINDER	1
8	X561-008	N631-008	ROD, displacement	1
9	X561-009	N631-009	PISTON VALVE	1
10	X561-010	N631-010	BALL 7/8"	1
11	X561-011	N631-011	GLAND, male(S)	1
12	X561-012	N631-012	V-PACKING(S), T+G15%	3
13	X561-013	N631-013	V-PACKING, LEATHER(S)	2
14	X561-014	N631-014	GLAND, female(S)	1
15	X561-015	N631-015	PLUG, seal	1
16	X561-016	N631-016	PACKING NUT	1
17	X561-017	N631-017	CARTRIDGE	1
18	X561-018	N631-018	O-RING	1
19	X561-019	N631-019	O-RING	1
20	X561-020	N631-020	HOUSING	1
21	X561-021	N631-021	PIN	1
22	X561-022	N631-022	GLAND, male(L)	1
23	X561-023	N631-023	V-PACKING(L), T+G15%	3
24	X561-024	N631-024	V-PACKING, LEATHER(L)	2
25	X561-025	N631-025	GLAND, female(L)	1
26	X561-026	N631-026	TUBE	1
27	X561-027	N631-027	NIPPLE	1
28	X561-028	N631-028	JOINT NIPPLE	1

REPAIR KIT No : X561-500, N631-500

With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19, 22, 23, 24, 25

REPAIR KIT No : X561-501, N631-501

With 4, 5, 10, 11, 13, 14, 15, 18, 19, 22, 24, 25

No #13 X561-013 V-PACKING, LEATHER(S) 5EA
#24 X561-024 V-PACKING, LEATHER(L) 5EA

REPAIR KIT No : X561-502, N631-502

With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19, 22, 23, 24, 25

No #12 X561-012 V-PACKING(S),T+G15% 1EA
#13 X561-013 V-PACKING, LEATHER(S) 4EA
#23 X561-023 V-PACKING(L), T+G15% 1EA
#24 X561-024 V-PACKING, LEATHER(L) 4EA

REPAIR KIT No : X561-503, N631-503

With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19, 22, 23, 24, 25

No #12 X561-012 V-PACKING(S),UHMWPE 1EA
#13 X561-013 V-PACKING, LEATHER(S) 4EA
#23 X561-023 V-PACKING(L), UHMWPE 1EA
#24 X561-024 V-PACKING, LEATHER(L) 4EA

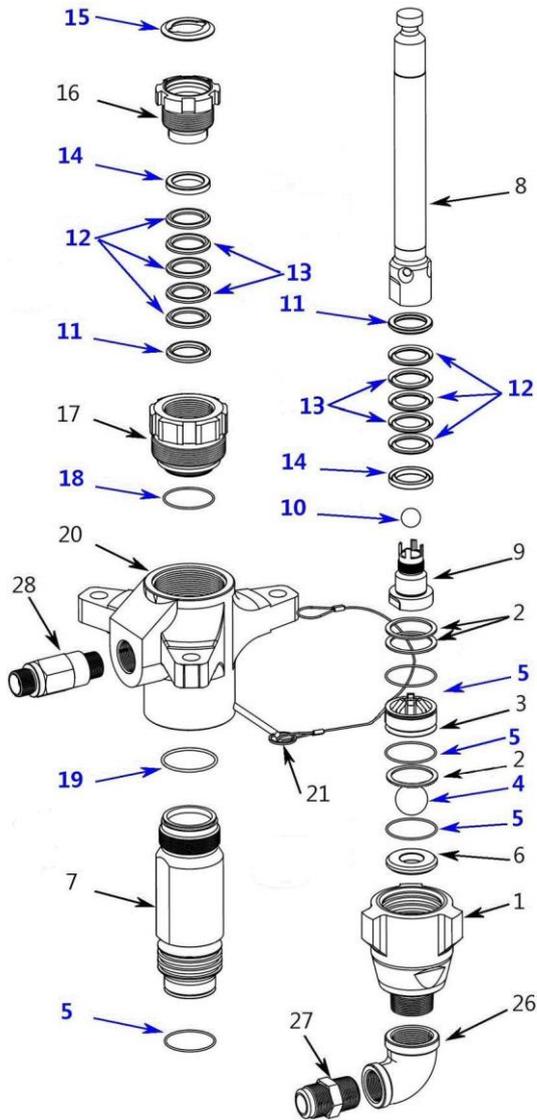
REPAIR KIT No : X561-504, N631-504

With 4, 5, 10, 11, 12, 14, 15, 18, 19, 22, 23, 25

No #12 X561-012 V-PACKING(S), T+G15% 5EA
#23 X561-023 V-PACKING(L), T+G15% 5EA

4. X-TYPE PUMP

X681-100 PUMP (180cc, K254) N751-100 PUMP (195cc, N270)



No	Code	N Code	Description	Qty
1	X681-001	N751-001	HOUSING, inlet	1
2	X681-002	N751-002	SHIM, inlet	3
3	X681-003	N751-003	BALL GUIDE	1
4	X681-004	N751-004	BALL 1 1/4"	1
5	X681-005	N751-005	O-RING	4
6	X681-006	N751-006	SEAT	1
7	X681-007	N751-007	CYLINDER	1
8	X681-008	N751-008	ROD, displacement	1
9	X681-009	N751-009	PISTON VALVE	1
10	X681-010	N751-010	BALL 3/4"	1
11	X681-011	N751-011	GLAND, male	2
12	X681-012	N751-012	V-PACKING, T+G15%	6
13	X681-013	N751-013	V-PACKING, LEATHER	4
14	X681-014	N751-014	GLAND, female	2
15	X681-015	N751-015	PLUG, seal	1
16	X681-016	N751-016	PACKING NUT	1
17	X681-017	N751-017	CARTRIDGE	1
18	X681-018	N751-018	O-RING	1
19	X681-019	N751-019	O-RING	1
20	X681-020	N751-020	HOUSING	1
21	X681-021	N751-021	PIN	1
26	X681-026	N751-026	TUBE	1
27	X681-027	N751-027	NIPPLE	1
28	X681-028	N751-028	JOINT NIPPLE	1

REPAIR KIT No: **X681-500, N751-500**

With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19

REPAIR KIT No: **X681-501, N751-501**

With 4, 5, 10, 11, 13, 14, 15, 18, 19

No #13 X681-013 V-PACKING, LEATHER 10EA

REPAIR KIT No: **X681-502, N751-502**

With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19

No #12 X681-012 V-PACKING, T+G15% 2EA
#13 X681-013 V-PACKING, LEATHER 8EA

REPAIR KIT No: **X681-503, N751-503**

With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19

No #12 X681-012 V-PACKING, UHMWPE 2EA
#13 X681-013 V-PACKING, LEATHER 8EA

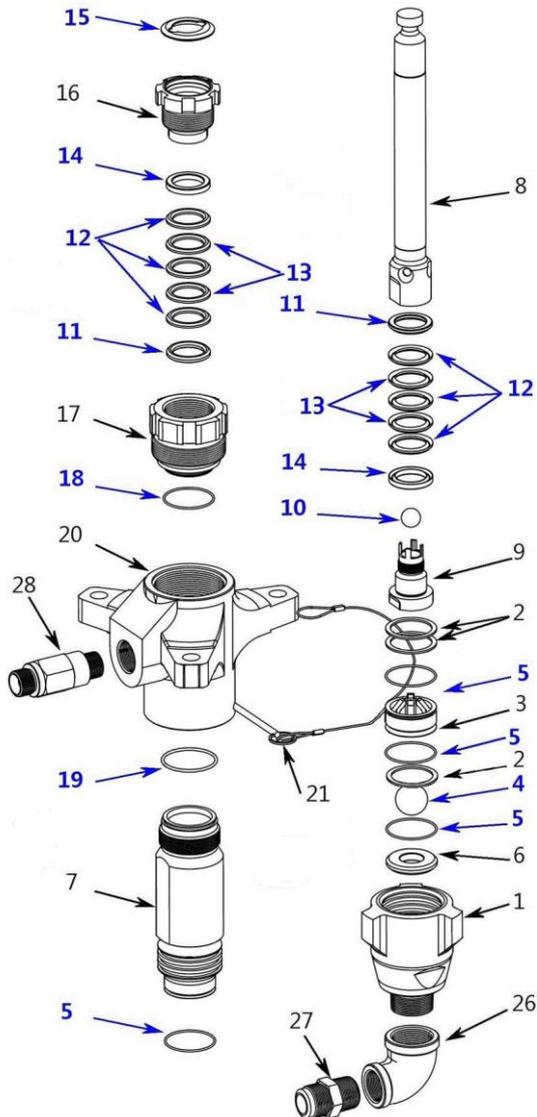
REPAIR KIT No: **X681-504, N751-504**

With 4, 5, 10, 11, 12, 14, 15, 18, 19

No #12 X681-012 V-PACKING, T+G15% 10EA

4. X-TYPE PUMP

X831-100 PUMP (145cc, K254)
N951-100 PUMP (155cc, N270)



No	D Code	N Code	Description	Qty
1	X831-001	N951-001	HOUSING, inlet	1
2	X831-002	N951-002	SHIM, inlet	3
3	X831-003	N951-003	BALL GUIDE	1
4	X831-004	N951-004	BALL 1 1/4"	1
5	X831-005	N951-005	O-RING	4
6	X831-006	N951-006	SEAT	1
7	X831-007	N951-007	CYLINDER	1
8	X831-008	N951-008	ROD, displacement	1
9	X831-009	N951-009	PISTON VALVE	1
10	X831-010	N951-010	BALL 3/4"	1
11	X831-011	N951-011	GLAND, male	2
12	X831-012	N951-012	V-PACKING, UHMWPE	6
13	X831-013	N951-013	V-PACKING, LEATHER	4
14	X831-014	N951-014	GLAND, female	2
15	X831-015	N951-015	PLUG, seal	1
16	X831-016	N951-016	PACKING NUT	1
17	X831-017	N951-017	CARTRIDGE	1
18	X831-018	N951-018	O-RING	1
19	X831-019	N951-019	O-RING	1
20	X831-020	N951-020	HOUSING	1
21	X831-021	N951-021	PIN	1
26	X831-026	N951-026	TUBE	1
27	X831-027	N951-027	NIPPLE	1
28	X831-028	N951-028	JOINT NIPPLE	1

REPAIR KIT No: X831-500, N951-500

With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19

REPAIR KIT No: X831-501, N951-501

With 4, 5, 10, 11, 12, 14, 15, 18, 19

No #12 X831-012 V-PACKING, UHMWPE 10EA

REPAIR KIT No: X831-502, N951-502

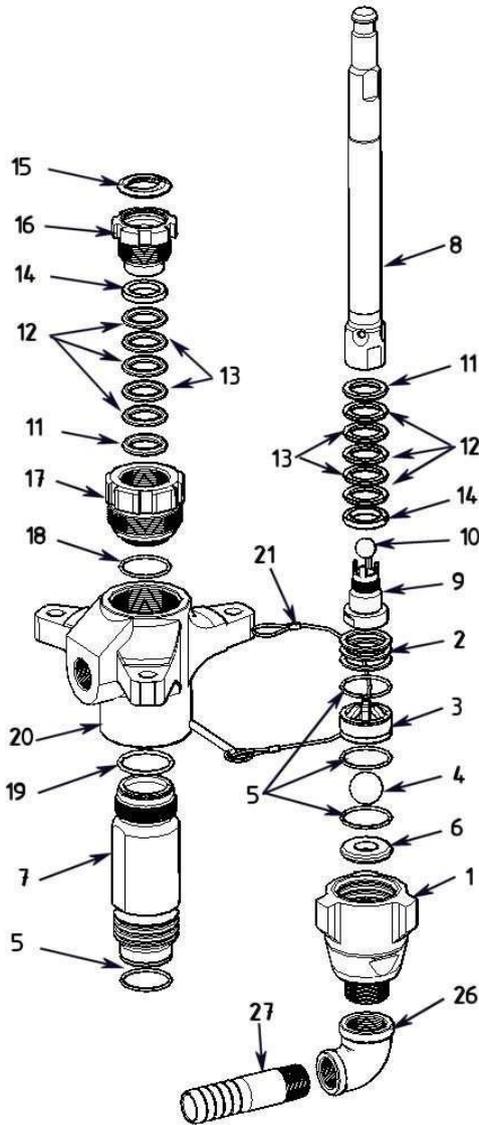
With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19

No #12 X831-012 V-PACKING, UHMWPE 2EA

#13 X831-013 V-PACKING, LEATHER 8EA

4.1 S-TYPE PUMP(or KX PUMP)

S751-100 PUMP (195cc)



No	Code	Description	Qty
1	N751-001	HOUSING, inlet	1
2	N751-002	SHIM, inlet	3
3	N751-003	BALL GUIDE	1
4	N751-004	BALL 1 1/4"	1
5	N751-005	O-RING	4
6	N751-006	SEAT	1
7	N751-007	CYLINDER	1
8	S751-008	ROD, displacement	1
9	N751-009	PISTON VALVE	1
10	N751-010	BALL 3/4"	1
11	N751-011	GLAND, male	2
12	N751-012	V-PACKING, T+G15%	6
13	N751-013	V-PACKING, LEATHER	4
14	N751-014	GLAND, female	2
15	N751-015	PLUG, seal	1
16	N751-016	PACKING NUT	1
17	N751-017	CARTRIDGE	1
18	N751-018	O-RING	1
19	N751-019	O-RING	1
20	N751-020	HOUSING	1
21	N751-021	PIN	1
26	N751-026	TUBE	1
27	N751-027-1	NIPPLE	1

REPAIR KIT No: **N751-500**

With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19

REPAIR KIT No: **N751-501**

With 4, 5, 10, 11, 13, 14, 15, 18, 19

No #13 N751-013 V-PACKING, LEATHER 10EA

REPAIR KIT No: **N751-502**

With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19

No #12 N751-012 V-PACKING, T+G15% 2EA

#13 N751-013 V-PACKING, LEATHER 8EA

REPAIR KIT No: **N751-503**

With 4, 5, 10, 11, 12, 13, 14, 15, 18, 19

No #12 N751-012 V-PACKING,UHMWPE 2EA

#13 N751-013 V-PACKING, LEATHER 8EA

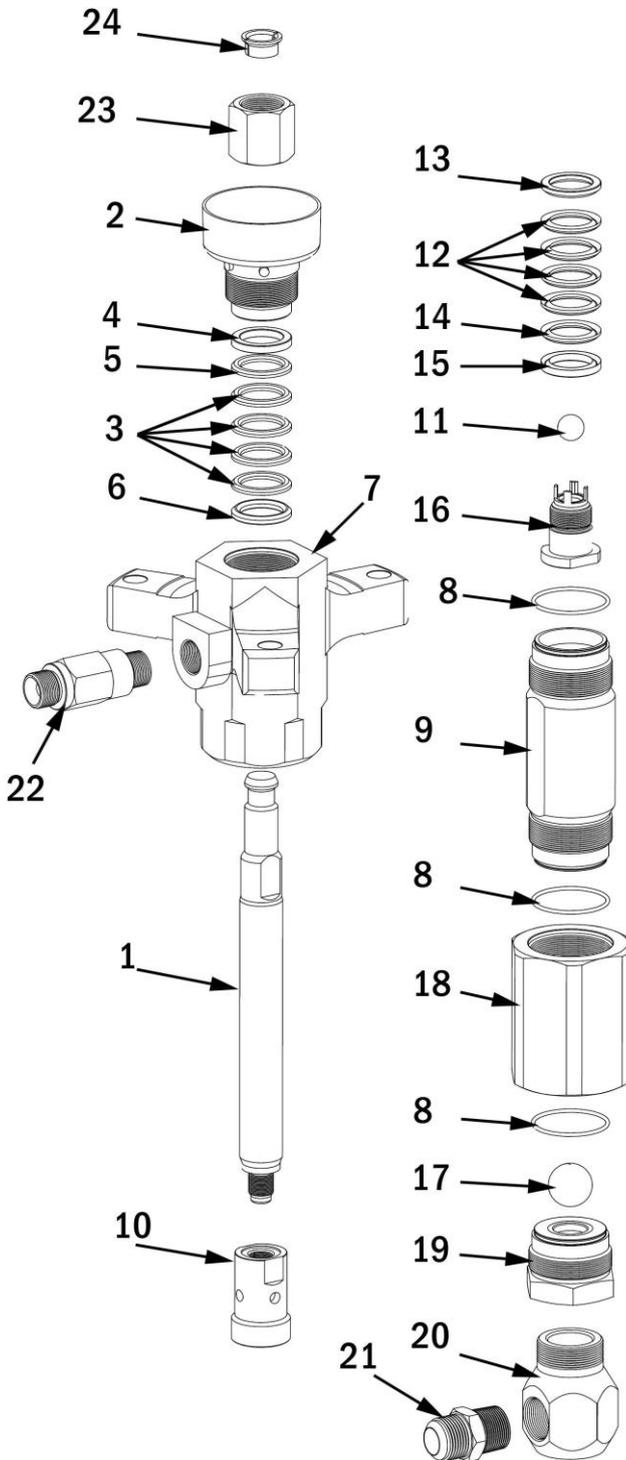
REPAIR KIT No: **N751-504**

With 4, 5, 10, 11, 12, 14, 15, 18, 19

No #12 N751-012 V-PACKING, T+G15% 10EA

DURA TYPE PUMP

D561-100 PUMP



No	Code	Description	Qty
1	D561-001	ROD, displacement	1
2	D561-002	PACKING NUT	1
3	D561-003	V-PACKING LEATHER	4
4	D561-004	GLAND, female	1
5	D561-005	V-PACKING	1
6	D561-006	GLAND, male	1
7	D561-007	HOUSING outlet	1
8	D561-008	O-RING	3
9	D561-009	CYLINDER	1
10	D561-010	BALL HOUSING	1
11	D561-011	BALL 3/4"	1
12	D561-012	V-PACKING LEATHER	4
13	D561-013	GLAND, male	1
14	D561-014	V-PACKING	1
15	D561-015	GLAND, male	1
16	D561-016	PISTON	1
17	D561-017	BALL 1 1/2"	1
18	D561-018	HOUSING intake	1
19	D561-019	VALVE INTAKE	1
20	D561-020	INTAKE HOUSING	1
21	D561-021	NIPPLE	1
22	D561-022	JOINT NIPPLE	1
23	D561-023	COUPLING NUT	1
24	D561-024	COUPLING COLLER	2

REPAIR KIT No: **D561-500**

With 3, 4, 5, 6, 11, 12, 13, 14, 15, 17

REPAIR KIT No: **D561-501**

With 4, 5, 6, 11, 13, 14, 15, 17

NO #5	D561-005	V-PACKING	5EA
#14	D561-014	V-PACKING	5EA

REPAIR KIT No: **D561-502**

With 3, 4, 5, 6, 11, 12, 13, 14, 15, 17

No #3	D561-003	V-PACKING, LEATHER	2EA
#5	D561-005	V-PACKING, UHMWPE	3EA
#12	D561-012	V-PACKING, LEATHER	2EA
#14	D561-014	V-PACKING, UHMWPE	3EA

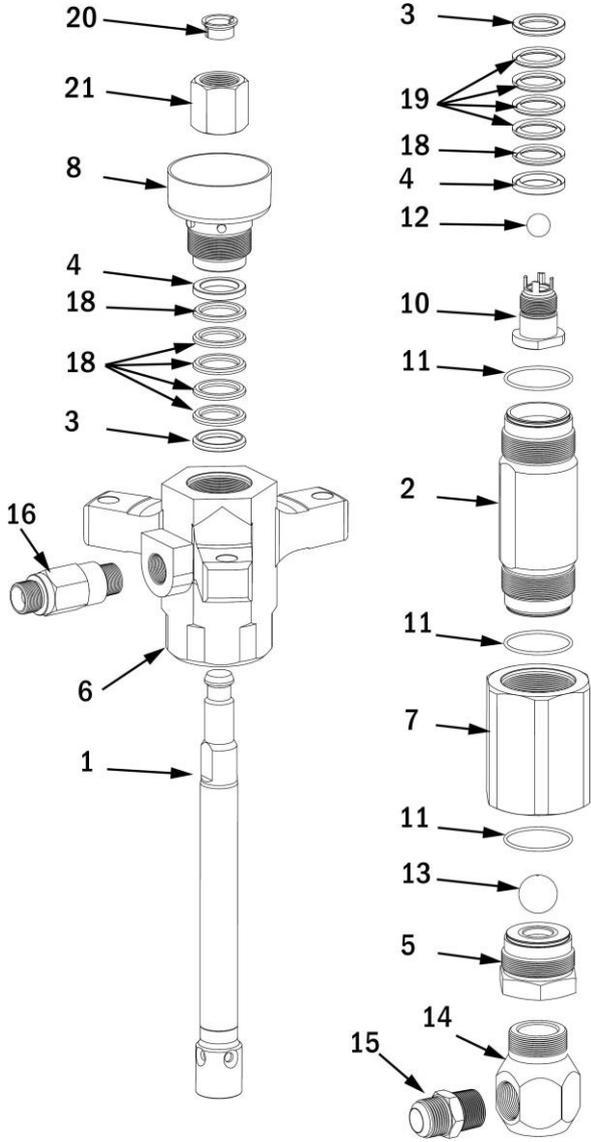
REPAIR KIT No: **D561-503**

With 3, 4, 5, 6, 11, 12, 13, 14, 15, 17

No #5	D561-005	V-PACKING	2EA
#5	D561-005	V-PACKING, UHMWPE	3EA
#14	D561-014	V-PACKING	2EA
#14	D561-014	V-PACKING, UHMWPE	3EA

DURA TYPE PUMP

D681-100 PUMP

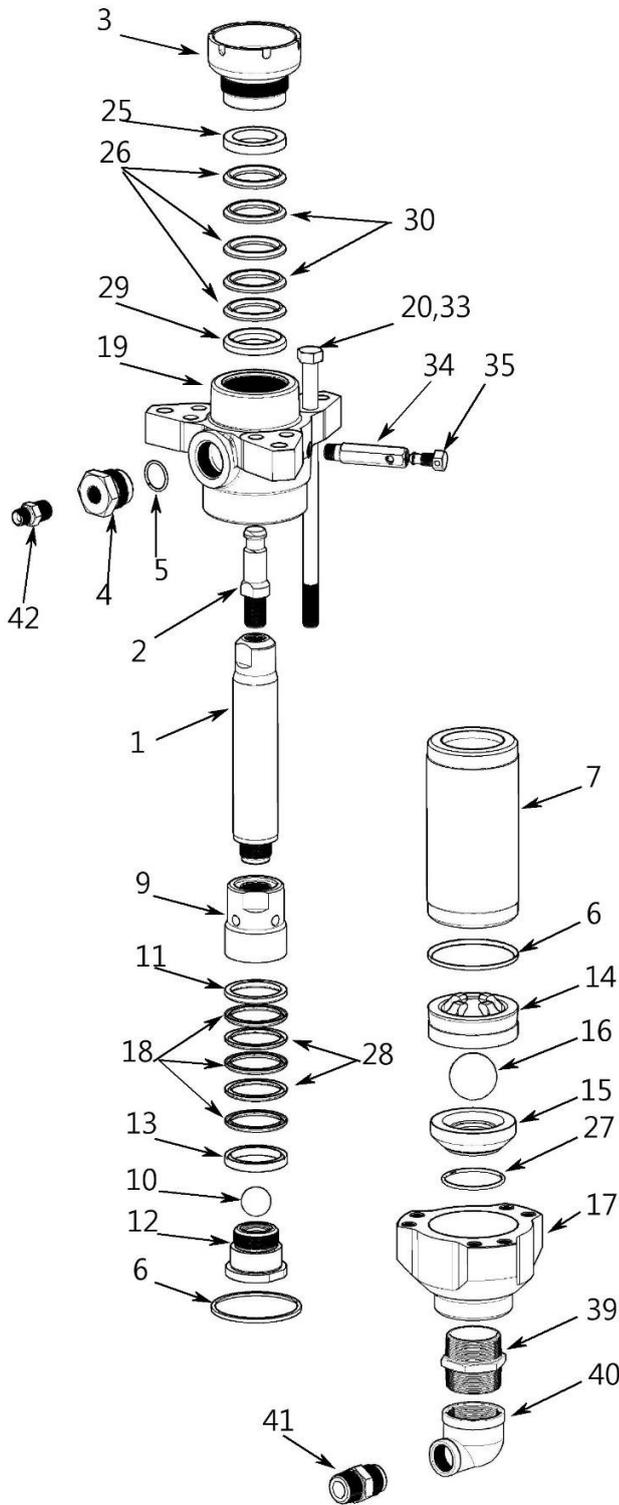


No	Code	Description	Qty
1	C681-001	ROD, displacement	1
2	D681-002	CYLINDER	1
3	D681-003	GLAND, male	2
4	D681-004	GLAND, female	2
5	D681-005	VALVE intake	1
6	D681-006	HOUSING outlet	1
7	D681-007	HOUSING inlet	1
8	D681-008	PACKING NUT	1
10	C681-010	PISTON VALVE	1
11	D681-011	O-RING	3
12	D681-012	BALL 3/4"	1
13	D681-013	BALL 1 1/4"	1
14	D681-014	INTAKE HOUSING	1
15	D681-015	NIPPLE	1
16	D681-016	JOINT NIPPLE	1
18	D681-018	V-PACKING, TEFLON	2
19	D681-019	V-PACKING, LEATHER	8
20	D681-020	COUPLING COLLER	2
21	D681-021	COUPLING NUT	1

REPAIR KIT No: D681-500
 With 3, 4, 11, 12, 13, 18, 19

Parts drawing and Parts List

D180-100 PUMP



No	Code	Description	Qty
1	D180-001	ROD, displacement	1
2	D180-002	ROD, JOINT	1
3	D180-003	PACKING NUT	1
4	D180-004	FITTINGH	1
5	D180-005	O-RING	1
6	D180-006	SEAL	2
7	D180-007	CYLINDER	1
9	D180-009	GUIDE, ball piston	1
10	D180-010	BALL 1 1/4"	1
11	D180-011	GLAND, male	1
12	D180-012	PISTON	1
13	D180-013	GLAND, female	1
14	D180-014	BALL GUIDE, intake	1
15	D180-015	SEAT, intake	1
16	D180-016	BALL 2"	1
17	D180-017	HOUSING, intake	1
18	D180-018	V-PACKING, UHEWPE	3
19	D180-019	HOUSING, outlet	1
20	D180-020	HEX BOLT	6
25	D180-025	GLAND, female	1
26	D180-026	V-PACKING, UHEWPE	3
27	D180-027	O-RING	1
28	D180-028	V-PACKING, LEATHER	2
29	D180-029	GLAND, male	1
30	D180-030	V-PACKING, LEATHER	2
33	D180-033	WASHER	6
34	D180-034	HOUSING, valve	1
35	D180-035	PLUG, valve	1
39	D180-039	NIPPLE	1
40	D180-040	ELBOW	1
41	D180-041	NIPPLE	1
42	D180-042	NIPPLE	1

REPAIR KIT No: D180-500

With out ball

With 5, 6, 11, 13, 18, 25, 26, 27, 28, 29, 30,

REPAIR KIT No: D180-501

With out ball

With 5, 6, 11, 13, 18, 25, 26, 27, 28, 29, 30

#18 D180-037 V-PACKING, UHMWPE 2EA

#28 D180-028 V-PACKING, LEATHER 3EA

#26 D180-038 V-PACKING, UHMWPE 2EA

#30 D180-030 V-PACKING, LEATHER 3EA

REPAIR KIT No: D180-502

With out ball

With 5, 6, 11, 13, 18, 25, 26, 27, 28, 29, 30

#18 D180-037 V-PACKING, UHMWPE 5EA

#26 D180-038 V-PACKING, UHMWPE 5EA

REPAIR KIT No: D180-503

Ball included

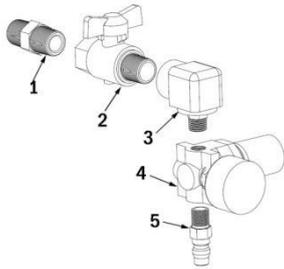
With 5, 6, 10, 11, 13, 16, 18, 25, 26, 27, 28, 29, 30

P300-200 CART



No	Code	Description	Qty
1	P300-201	CART	1
2	P300-202	TIRE	2
3	P300-203	SNAP RING	2

P300-300 AIR REGULATOR KIT



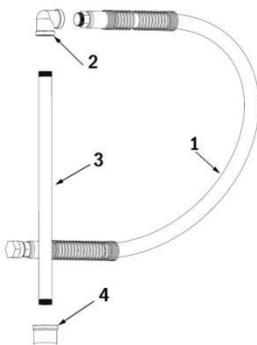
No	Code	Description	Qty
1	P300-301	NIPPLE	1
2	P300-302	AIR SHUTOFF VALVE	1
3	P300-303	ELBOW	1
4	P300-304	AIR REGULATOR	1
5	P300-305	NIPPLE	

S300-400 SURGE TANK



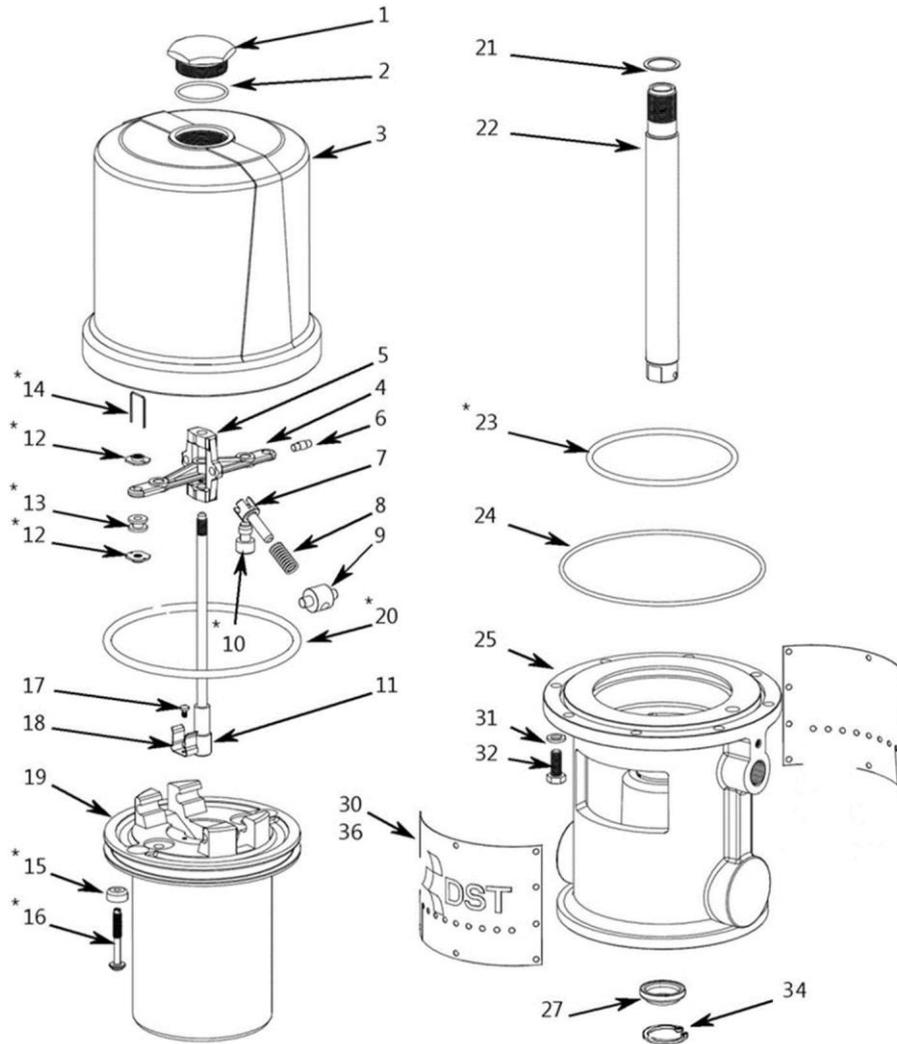
No	Code	Description	Qty
1	S300-001	BOWL	1
2	S300-002	SPRING,compression	1
3	S302-003	SCREEN, 60mesh	1
4	S302-004	SUPPORT	1
5	S302-005	O-RING	1
6	S300-006	HOUSING	1
7	S302-007	NIPPLE	1
8	S302-008	SWIVEL MALE	1
9	S302-009	NIPPLE	1
10	S302-010	PLUG	1
11	S302-011	BALL VALVE	1
12	S302-012	HOSE NIPPLE	1
13	S300-013	PLUG	1

P300-500 SUCTION HOSE ASS'Y



No	Code	Description	Qty
1	P300-501	SUCTION HOSE	1
2	P300-502	ELBOW	1
3	P300-503	SUCTION TUBE	1
4	P300-504	STRAINER	1

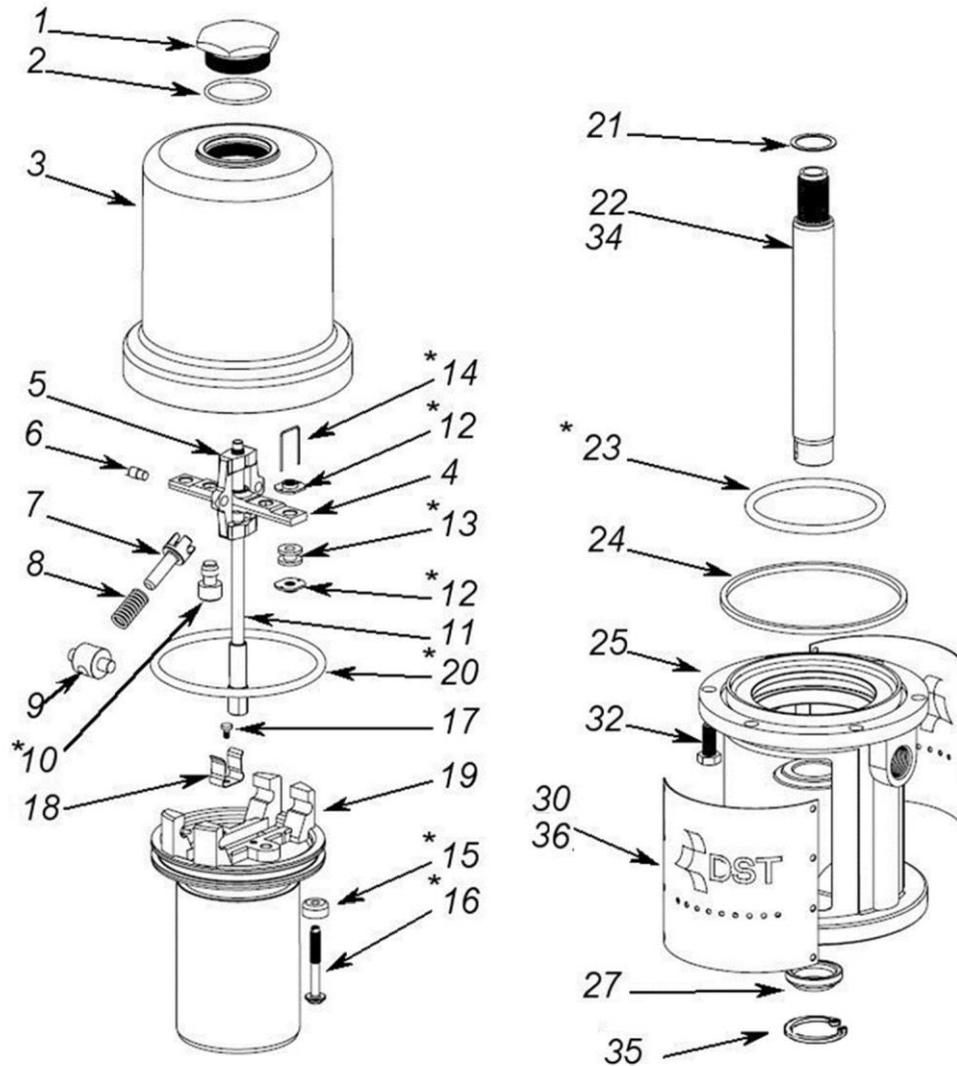
P301-100 Air Motor Part Drawing



No	Code	Description	Qty	No	Code	Description	Qty
1	P301-001	NUT, cylinder cap	1	17	P301-017	SCREW	2
2	P301-002	O-RING	1	18	P301-018	CLIP, spring	2
3	P301-003	CYLINDER, motor	1	19	P301-019	PISTON	1
4	P301-004	ACTUATOR, valve	1	20	P301-020	O-RING, piston	1
5	P301-005	YOKE	1	21	P301-021	GASKET, copper	1
6	P301-006	PIN, toggle	2	22	P301-022	ROD, piston	1
7	P301-007	ARM, toggle	2	23	P301-023	O-RING	1
8	P301-008	SPRING	2	24	P301-024	SEAL	1
9	P301-009	ROCKER, toggle	2	25	P301-025	BASE	1
10	P301-010	POPPET, valve	2	27	P301-027	DUST SEAL	1
11	P301-011	TRIP ROD	1	30	P301-030	PLATE, identification	2
12	P301-012	NUT, adjusting	4	31	P301-031	WASHER	8
13	P301-013	GROMMET, rubber	2	32	P301-032	SCREW	8
14	P301-014	LOCKWIRE	2	34	P301-034	SNAP RING	1
15	P301-015	POPPET, valve	2	36	P301-306	RIVET, plate	20
16	P301-016	STEM, valve	2				

PART NO 10, 12, 13, 14, 15, 16, 20, 23
Included in [Repair KIT No P301-500](#)

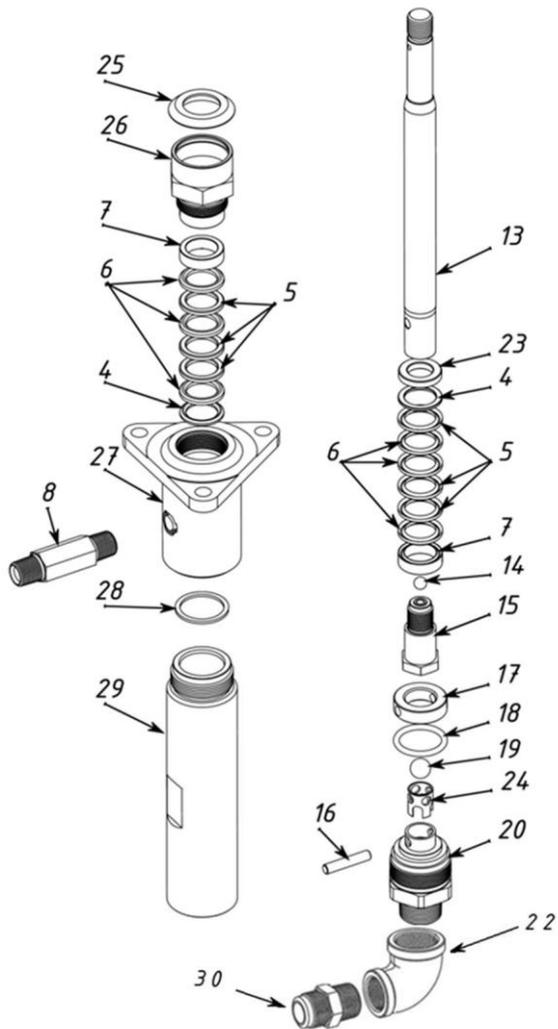
M108-100 Air Motor Part Drawing



No	Code	Description	Qty	No	Code	Description	Qty
1	P301-001	NUT, cylinder cap	1	16	P301-016	STEM, valve	2
2	P301-002	O-RING	1	17	P301-017	SCREW	2
3	M108-003	CYLINDER, motor	1	18	M108-018	CLIP, spring	2
4	M108-004	ACTUATOR, valve	1	19	M108-019	PISTON	1
5	P301-005	YOKE	1	20	M108-020	O-RING, piston	1
6	P301-006	PIN, toggle	2	21	M108-021	GASKET, copper	1
7	P301-007	ARM, toggle	2	22	M108-022	ROD, piston(23:1 TYPE)	1
8	P301-008	SPRING	2	23	M108-023	O-RING	1
9	P301-009	ROCKER, toggle	2	24	M108-024	SEAL	1
10	P301-010	POPPET, valve	2	25	M108-025	BASE	1
11	M108-011	TRIP ROD	1	27	M108-027	DUST SEAL	1
12	P301-012	NUT, adjusting	4	32	M108-032	SCREW	8
13	P301-013	GROMMET, rubber	2	34	M108-034	ROD, piston(15:1 TYPE)	1
14	P301-014	LOCKWIRE	2	35	P301-034	SNAP RING	1
15	P301-015	POPPET, valve	2	36	P301-306	RIVET, plate	20

PART NO 10, 12, 13, 14, 15, 16, 20, 23
Included in [Repair KIT No PM108-500](#)

L303-100 Displacement 15:1



No	Code	Description	Qty
4	L301-004	GLAND, male	2
5	L301-005	V-PACING, LEATHER	6
6	L301-006	V-PACING, TEFLON	6
7	L301-007	GLAND, female	2
8	L301-008	NIPPLE	1
13	L301-013	ROD, displacement	1
14	L301-014	BALL 5/16"	1
15	L301-015	PISTON VALVE	1
16	L301-016	PIN	1
17	L301-017	RETAINER	1
18	L301-018	O-RING	1
19	L301-019	BALL 1/2"	1
20	L301-020	INTAKE	1
22	L301-022	ELBOW	1
23	L301-023	RETAINER	1
24	L301-024	GUIDE, BALL	1
25	L301-025	PLUG	1
26	L301-026	PACKING NUT	1
27	L303-027	PUMP HOUSING	1
28	L303-028	GASKET	1
29	L303-029	SLEEVE	1
30	L301-022	NIPPLE	1

REPAIR KIT No : L303-500

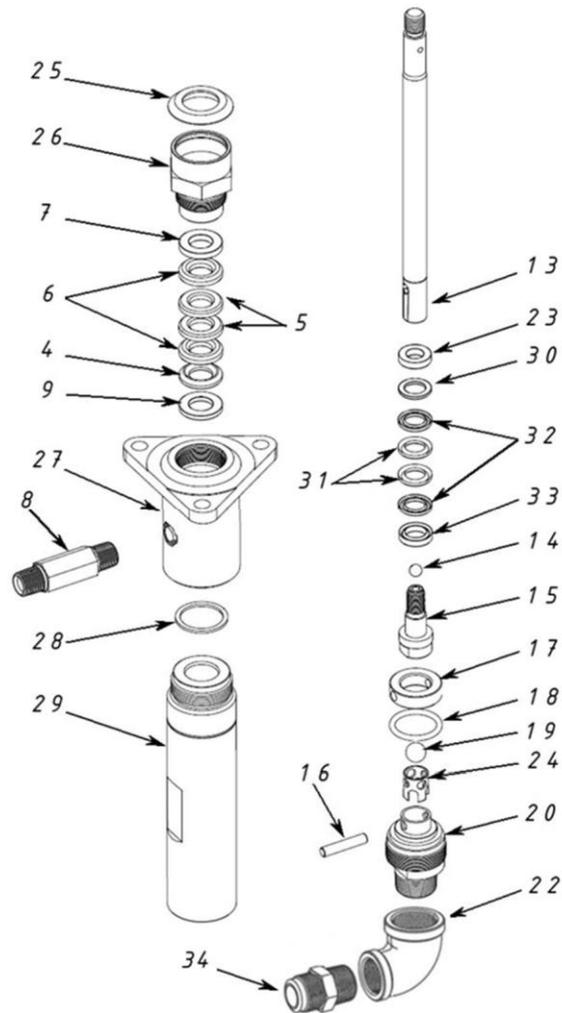
With 4, 5, 6, 7, 14, 18, 19, 28

REPAIR KIT No : L303-501

With 4, 5, 6, 7, 14, 18, 19, 28

No #5	L301-005	V-PACKING, LEATHER	10EA
#6	L301-006	V-PACKING, TEFLON	2EA

L231-100 Displacement 23:1

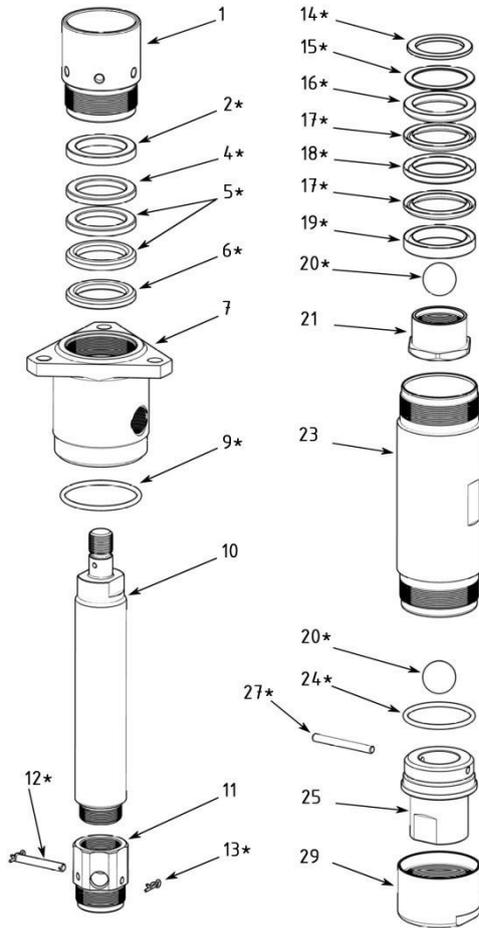


No	Code	Description	Qty
4	L231-004	GLAND, male(L)	1
5	L231-005	V-PACING, LEATHER(L)	2
6	L231-006	V-PACING(L), TEFLON	2
7	L231-007	GLAND, female(L)	1
8	L231-008	NIPPLE	1
9	L231-009	WASHER	1
13	L231-013	ROD, displacement	1
14	L231-014	BALL 5/16"	1
15	L231-015	PISTON VALVE	1
16	L231-016	PIN	1
17	L231-017	RETAINER	1
18	L231-018	O-RING	1
19	L231-019	BALL 1/2"	1
20	L231-020	INTAKE	1
22	L231-022	ELBOW	1
23	L231-023	RETAINER	1
24	L231-024	GUIDE, BALL	1
25	L231-025	PLUG	1
26	L231-026	PACKING NUT	1
27	L231-027	PUMP HOUSING	1
28	L231-028	GASKET	1
29	L231-029	SLEEVE	1
30	L231-030	GLAND, male(S)	1
31	L231-031	V-PACING, LEATHER(S)	2
32	L231-032	V-PACING(S), TEFLON	2
33	L231-033	GLAND, female(S)	1
34	L301-022	NIPPLE	1

REPAIR KIT No : L231-500

With 4, 5, 6, 7, 14, 18, 19, 23, 28, 30, 31, 32, 33

L101-100 Displacement 10:1



No	D Code	Description	Qty
1	L101-001	PACKING NUT	1
2	L101-002	GLAND, female	1
4	L101-004	V-PACING, UHMWPE	1
5	L101-005	V-PACING, LEATHER	2
6	L101-006	GLAND, male	1
7	L101-007	HOUSING	1
9	L101-009	O-RING, TEFLON	1
10	L101-010	ROD, displacement	1
11	L101-011	STUD, PISTON	1
12	L101-012	PIN, piston	1
13	L101-013	SNAP PIN	2
14	L101-014	WASHER, piston	1
15	L101-015	SHIM, piston	1
16	L101-016	GLAND, male	1
17	L101-017	V-PACING, UHMWPE	2
18	L101-018	V-PACING, LEATHER	1
19	L101-019	GLAND, female	1
20	L101-020	BALL, 7/8"	2
21	L101-021	STUD, piston	1
23	L101-023	CYLINDER	1
24	L101-024	O-RING, TEFLON	1
25	L101-025	HOUSING, inlet	1
27	L101-027	PIN, ball stop	1
29	L101-029	RING, locking	1

REPAIR KIT No : L101-500

With 2, 4, 5, 6, 9, 12, 13, 14, 15, 16, 17, 18, 19, 20, 24, 27

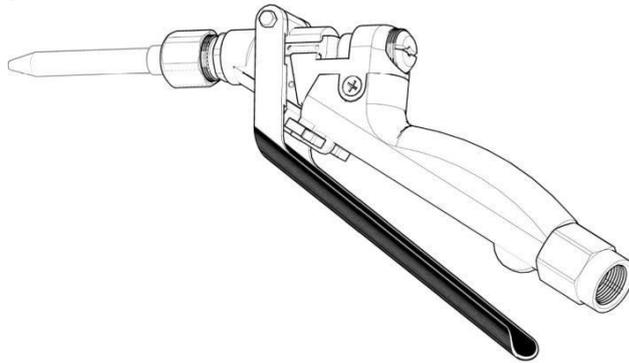
U-T Gun

2023.03.03 REV 10

5000 psi (350 bar, 35 MPa) Maximum Working Pressure
Ball End Valve Needle

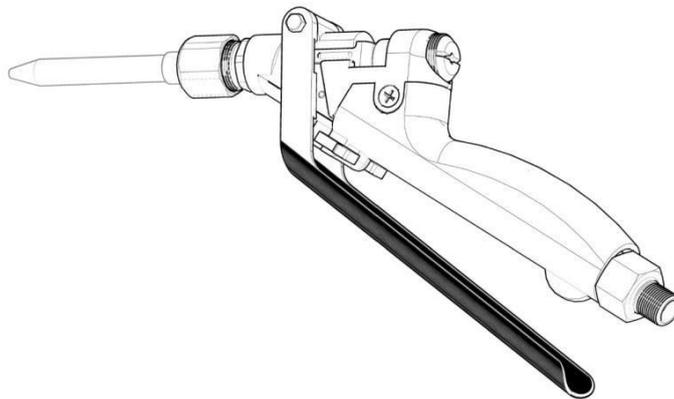
MODEL G330-100

Inlet 1/2"-14 npsm



MODEL G330-200

Inlet 1/4" NPT



DSTech Co., LTD.

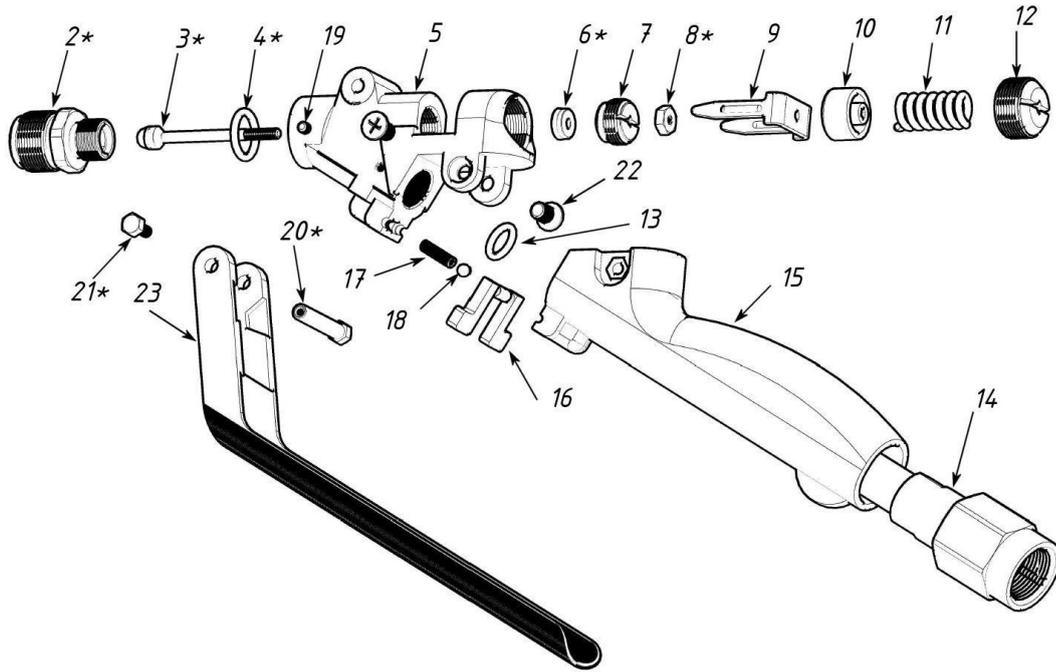
#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)

Tel: 82-51-207-8006

Fax: 82-51-207-8831

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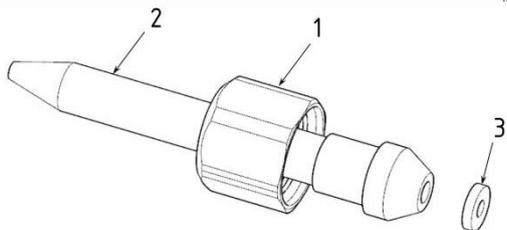
Parts



No	D Code	Description	Qty	No	D Code	Description	Qty
2	G330-102	VALVE SEAT	1	14	G330-114	TUBE G330-100	1
3	G330-103	VALVE STEM	1	14	G330-214	TUBE G330-200	1
4	G330-104	O-RING	1	15	G330-115	HANDLE	1
5	G330-105	HOUSING	1	16	G330-116	TLOCK, trigger	1
6	G330-106	SEAL	1	17	G330-117	SPRING,	1
7	G330-107	RETAINER, seal	1	18	G330-118	BALL	1
8	G330-108	NUT	1	19	G330-119	SET SCREW	1
9	G330-109	BRACKET	1	20	G330-120	ROD	1
10	G330-110	HOUSING, spring	1	21	G330-121	BOLT	1
11	G330-111	SPRING	1	22	G330-122	SCREW	2
12	G330-112	SCREW, spring	1	23	G330-123	TRIGGER	1
13	G330-113	O-RING	1				

These parts are included in repair kit which may be purchased separately. **Repair kit D code : G330-500** included (2, 3, 4, 6, 8, 20, 21)

Option NOZZLE



No	D Code	Description
1	G330-101	NUT, nozzle
2	G740-004	NOZZLE
3	G330-126	GASKET

HV U-T Gun

2018.04.23 REV9

5000 psi (350 bar, 35 MPa) Maximum Working Pressure
Ball End Valve Needle

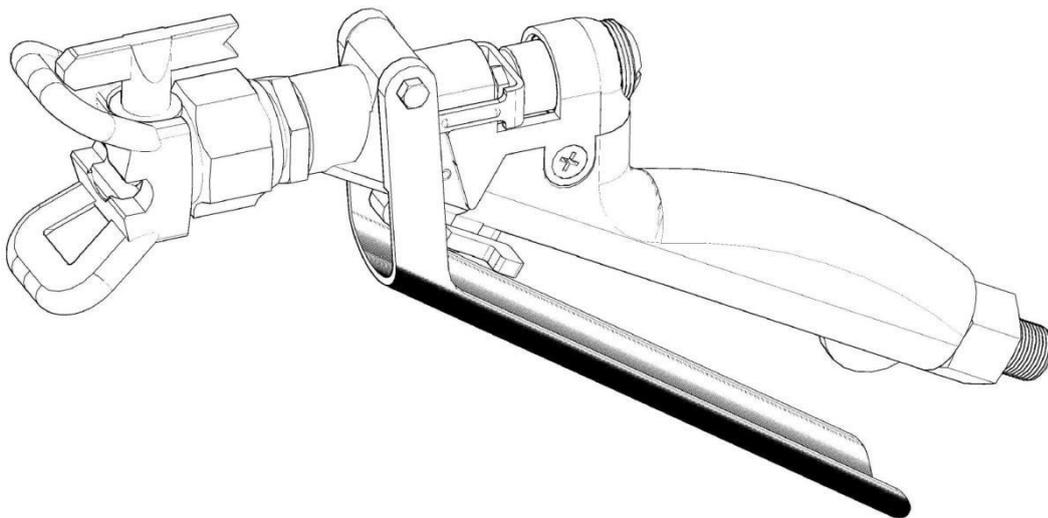
Inline Texture Gun

MODEL G340-100

Inlet 1/4" npt Outlet 7/8"-14

MODEL G341-100

Inlet 1/4" npt Outlet 11/16"-16



DSTech Co., LTD.

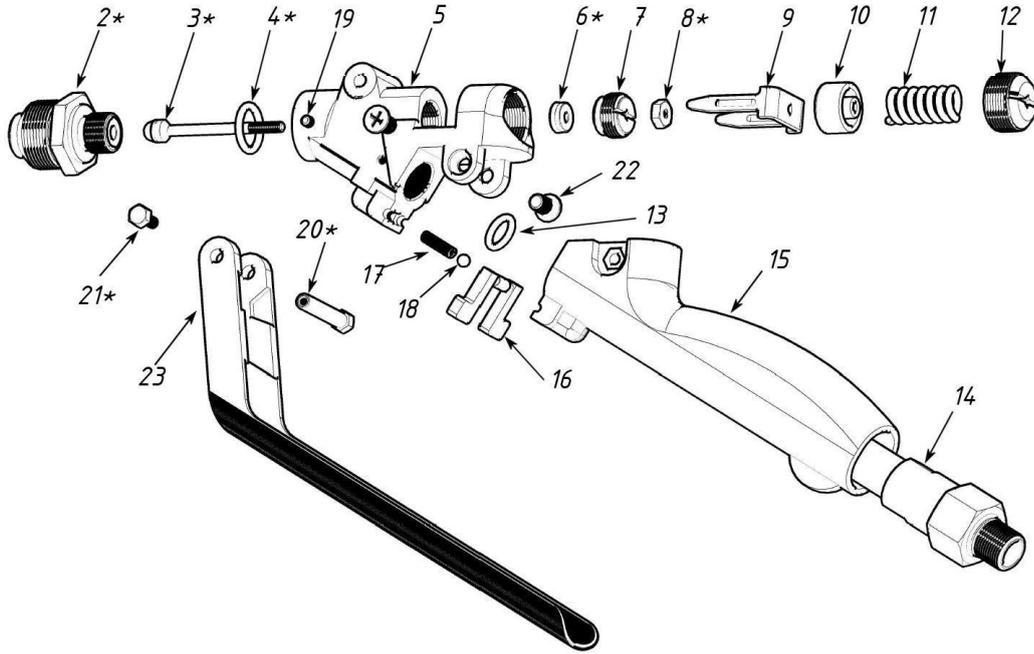
#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)

Tel: 82-51-207-8006

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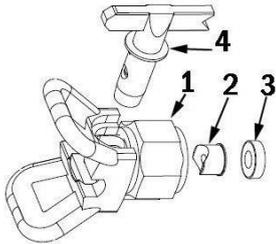
Parts



No	D Code	Description	Qty	No	D Code	Description	Qty
2	G340-102	VALVE SEAT (G340)	1	13	G330-113	O-RING	1
	G341-102	VALVE SEAT (G341)		14	G330-114	TUBE	1
3	G330-103	VALVE STEM	1	15	G330-115	HANDLE	1
4	G330-104	O-RING	1	16	G330-116	TLOCK, trigger	1
5	G330-105	HOUSING	1	17	G330-117	SPRING,	1
6	G330-106	SEAL	1	18	G330-118	BALL	1
7	G330-107	RETAINER, seal	1	19	G330-119	SET SCREW	1
8	G330-108	NUT	1	20	G330-120	ROD	1
9	G330-109	BRACKET	1	21	G330-121	BOLT	1
10	G330-110	HOUSING, spring	1	22	G330-122	SCREW	2
11	G330-111	SPRING	1	23	G330-123	TRIGGER	1
12	G330-112	SCREW, spring					

These parts are included in repair kit which may be purchased separately. **Repair kit D code : G340-500 , G341-500** included (2, 3, 4, 6, 8, 20, 21)

Option S/W Tip GUARD



No	D Code	Description	Qty
1	ASTG-501~2	S/W TIP GUARD RAC 5	1
	ASTG-X01~2	S/W TIP GUARD RAC X	
2	ASTG-003	SADDLE	1
3	ASTG-004	PACKING	1
4	AST5-XXX	S/W TIP	1

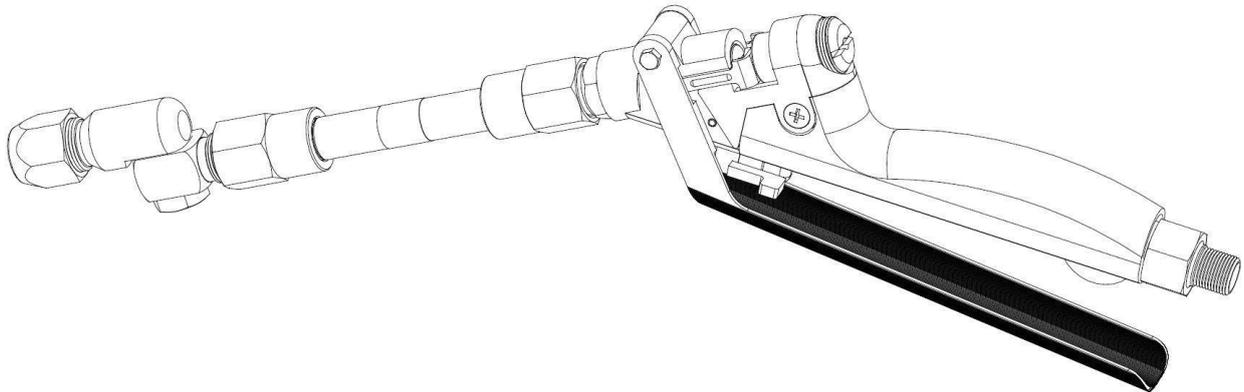
U-T POLE GUN

2018.04.23 REV8

5000 psi (345 bar) Maximum Working Pressure Fluid Inlet 1/4nps

Part No. G351-100	1 foot	(300 mm) length
Part No. G352-100	2 feet	(600 mm) length
Part No. G353-100	3 feet	(900 mm) length
Part No. G354-100	4 feet	(1.2 m) length
Part No. G355-100	5 feet	(1.5 m) length
Part No. G356-100	6 feet	(1.8 m) length
Part No. G358-100	8 feet	(2.4 m) length

A PATENT APPLICATION



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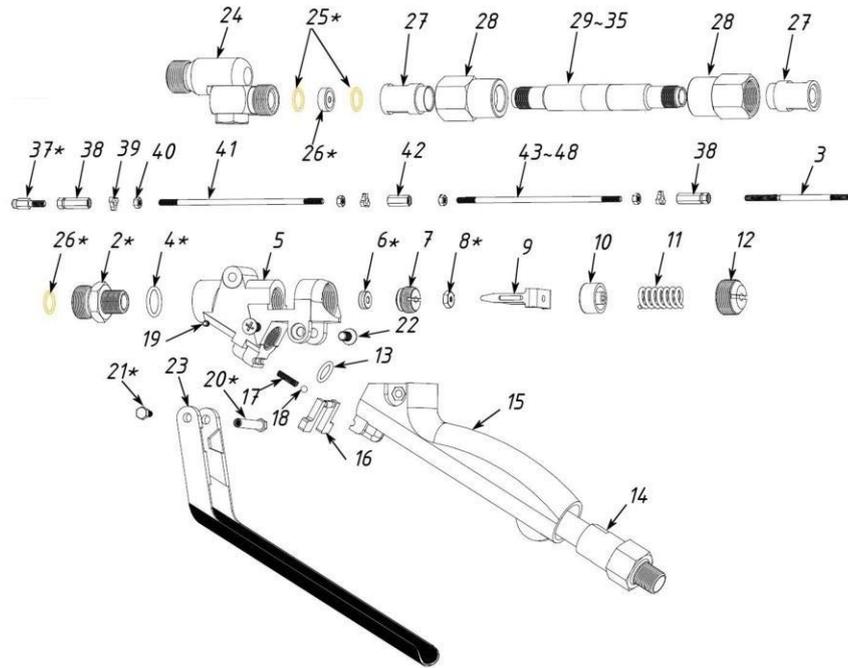
#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)

Tel: 82-51-207-8006

Fax: 82-51-207-8831

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Parts

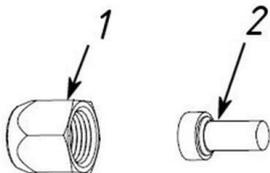


No	D Code	Description	Qty	No	D Code	Description	Qty
2	G350-102	ADAPTER	1	25	G720-006	GASKET	3
3	G350-103	ROD	1	26	G730-029	SEAT	1
4	G330-104	O-RING	1	27	G720-040	TUBE SCOKET	2
5	G330-105	HOUSING	1	28	G720-041	TUBE NUT	2
6	G330-106	SEAL	1	29	G720-042	G721 TUBE	
7	G330-107	RETAINER, seal	1	30	G720-043	G722 TUBE	
8	G330-108	NUT	1	31	G720-044	G723 TUBE	
9	G330-109	BRACKET	1	32	G720-045	G724 TUBE	
10	G330-110	HOUSING, spring	1	33	G720-046	G725 TUBE	
11	G330-111	SPRING	1	34	G720-047	G726 TUBE	
12	G330-112	SCREW, spring	1	35	G720-048	G728 TUBE	
13	G330-113	O-RING	1	37	G720-026	STEM. valve	1
14	G330-114	TUBE	1	38	G720-036	JOINT NUT	2
15	G330-115	HANDLE	1	39	G720-037	GUIDE	
16	G330-116	TLOCK, trigger	1	40	G720-038	NUT	
17	G330-117	SPRING,	1	41	G720-049	G721STEM 98mm	
18	G330-118	BALL	1	42	G720-039	MIDDLE JOINT NUT	
19	G330-119	SET SCREW	1	43	G720-050	G722 STEM 398mm	
20	G330-120	ROD	1	44	G720-051	G723 STEM 698mm	
21	G330-121	BOLT	1	45	G720-052	G724 STEM 300mm + 698mm	
22	G330-122	SCREW	2	46	G720-053	G725 STEM 600mm + 698mm	
23	G330-123	TRIGGER	1	47	G720-054	G726 STEM 300 + 600 + 698mm	
24	AGES-007	Nozzle SWIVEL	1	48	G720-055	G728 STEM 300+600+600+698mm	

These parts are included in repair kit which may be purchased separately.

Repair kit D code : **G350-500** included (2, 3, 4, 6, 8, 20, 21, 25, 26, 37)

Option Tip Filet



No	D Code	Description	Qty
1	G720-031	TIP NUT	1
2	ATOW-XXX	TIP FILET	1

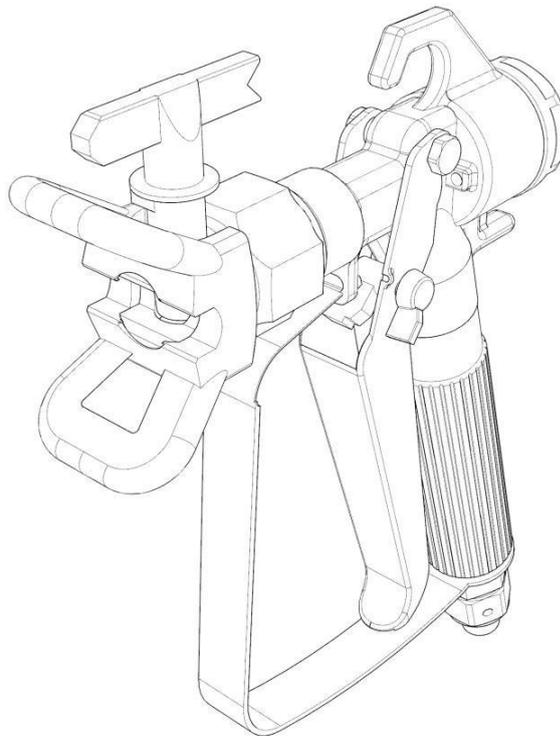
2. High Pressure Airless Spray Gun

2020.01.14 REV4

7,250 psi (500 bar, 50MPa) Maximum Working Pressure

The spray tip is not included with the gun. Order the tip separately.

MODEL	GHE-0500	Bare
MODEL	GHE-0501	Flat tip housing & nut
MODEL	GHE-0502	Switch tip guard R5
MODEL	GHE-0503	Switch tip guard RX



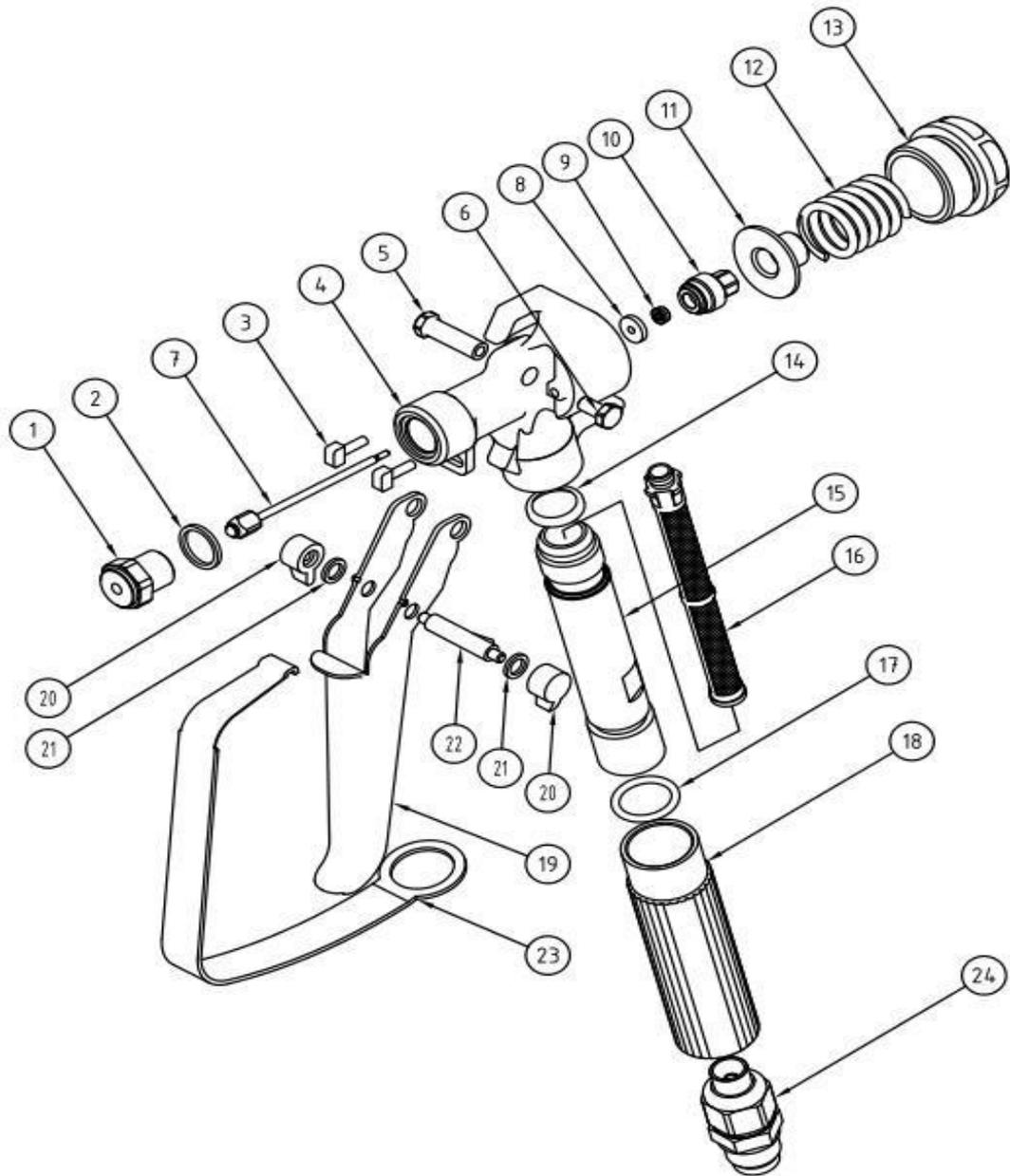
DSTech Co., LTD.

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Busan, Korea (618-817)

Tel: 82-51-207-8006

Fax: 82-51-207-8831

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No	D Code	Description	Qty	No	D Code	Description	Qty
1	GH500-001	SEAT, valve	1	13	GH500-013	CAP	1
2	GH500-002	GASKET	1	14	GH500-014	SEAL, sleeve	1
3	GH500-003	PIN, actuator	2	15	GH500-015	HANDLE	1
4	GH500-004	BODY	1	16	GH500-016	FILTER	1
5	GH500-005	PIVOT PIN	1	17	GH500-017	O-RING	1
6	GH500-006	SCREW	1	18	GH500-018	HANDLE SLEEVE	1
7	GH500-007	NEEDLE	1	19	GH500-019	TRIGGER	1
8	GH500-008	GASKET	1	20	GH500-020	SAFETY PIN	2
9	GH500-009	SEAL	1	21	GH500-021	BACK UP RING	2
10	GH500-010	SEAL RETAINER	1	22	GH500-022	SHAFT & DOWEL	1
11	GH500-011	RETAINER, needle	1	23	GH500-023	TRIGGER GUARD	1
12	GH500-012	SPRING	1	24	GH500-024	SWIVEL	1

These parts are included in repair kit which may be purchased separately.

Repair kit D code : GH500-500 included (1, 2, 7, 8, 9, 10, 14)

*** TRIGGER ASS'Y D code : GH500-019A** included (19, 20, 21, 22)

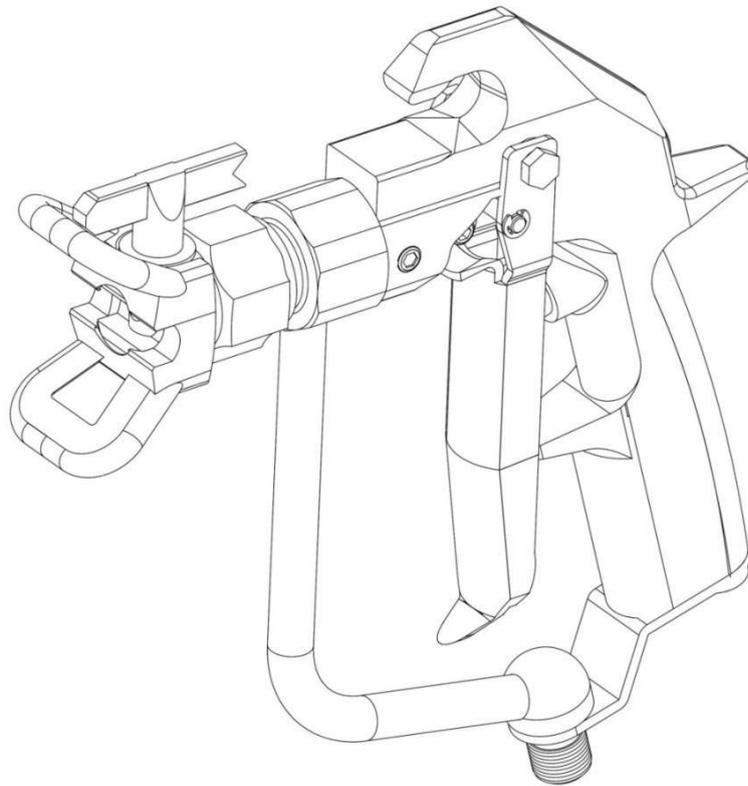
3. Airless Spray Gun

2018.03.12 REV5

7400 psi (510 bar, 50.8 MPa) Maximum Working Pressure

The spray tip is not included with the gun. Order the tip separately

- MODEL **G510-000** bare
- MODEL **G510-401** flat tip housing & nut
- MODEL **G510-402** switch tip guard R5
- MODEL **G510-403** switch tip guard RX



DSTech Co., LTD.

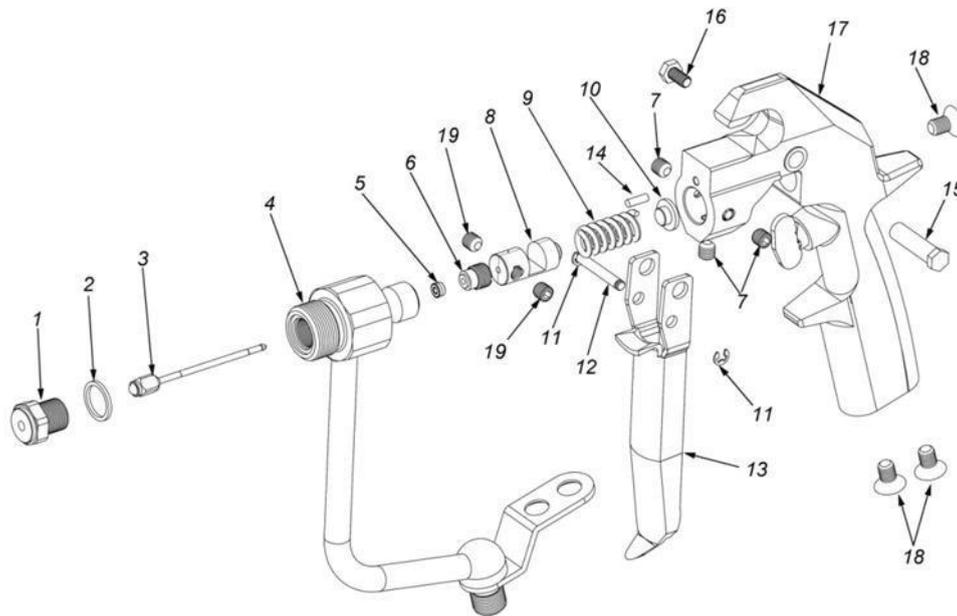
#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)

Tel: 82-51-207-8006

Fax: 82-51-207-8831

www.dstpump.com

Parts



No	D Code	Description	Qty	No	D Code	Description	Qty
1	G510-001	SEAT	1	11	G510-011	SNAP RING	2
2	G510-002	GASKET, copper	1	12	G510-012	TRIGGER PIN	1
3	G510-003	NEEDLE	1	13	G510-013	TRIGGER	1
4	G510-004	FLUID HOUSING	1	14	G510-014	SPRING PIN	1
5	G510-005	SEAL	1	15	G510-015	PIVOT PIN	1
6	G510-006	SEAL RETAINER	1	16	G510-016	HEX HEAD SCREW	1
7	G510-007	SET SCREW	3	17	G510-017	GUN BODY	1
8	G510-008	SPRING GUIDE	1	18	G510-018	FLAT HEAD SCREW	3
9	G510-009	SPRING	1	19	G510-019	SET SCREW	2
10	G510-010	SPRING ADJUSTER	1				

*These parts are included in repair kit which may be purchased separately. **Repair kit D code : G510-500** included (1,2,3,5,6 installation tool)*

PFS Spray Gun

2018.03.12 REV5

7400 psi (510 bar, 50.8 MPa) Maximum Working Pressure

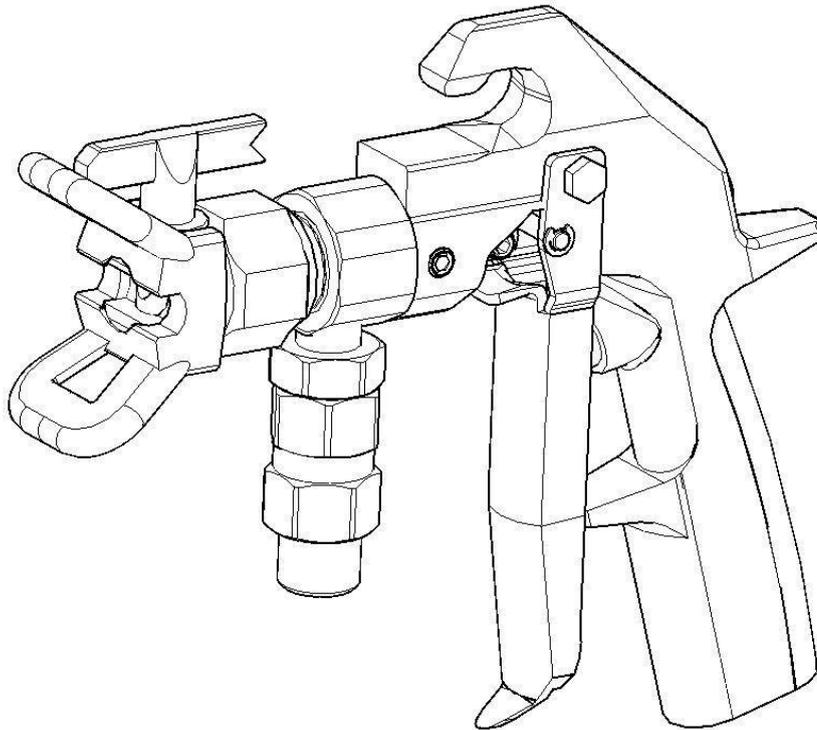
The spray tip is not included with the gun. Order the tip separately

MODEL G530-000

MODEL G530-401 flat tip housing & nut

MODEL G530-402 switch tip guard R5

MODEL G530-403 switch tip guard RX



DSTech Co., LTD.

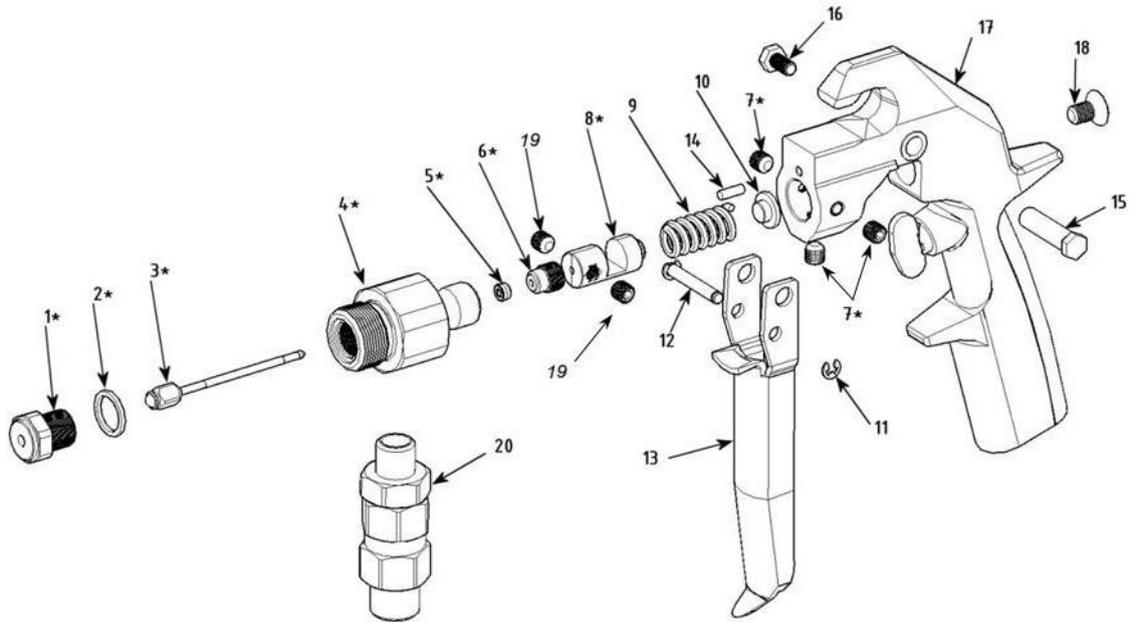
#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)

Tel: 82-51-207-8006

Fax: 82-51-207-8831

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PFS Spray Gun Parts



No	D Code	Description	Qty	No	D Code	Description	Qty
1	G510-001	SEAT	1	11	G510-011	SNAP RING	2
2	G510-002	GASKET, copper	1	12	G510-012	TRIGGER PIN	1
3	G510-003	NEEDLE	1	13	G510-013	TRIGGER	1
4	G530-004	FLUID HOUSING	1	14	G510-014	SPRING PIN	1
5	G510-005	SEAL	1	15	G510-015	PIVOT PIN	1
6	G510-006	SEAL RETAINER	1	16	G510-016	SCREW	1
7	G510-007	SET SCREW	3	17	G510-017	GUN BODY	1
8	G510-008	SPRING GUIDE	1	18	G510-018	SCREW	1
9	G510-009	SPRING	1	20	ASH4-001	SWIVEL	1
10	G510-010	SPRING ADJUDTER	1	21	G510-019	SET SCREW	2

These parts are included in repair kit which may be purchased separately. Repair kit D code : G530-500 included (1,2,3,4, 5,6, 7, 8 installation tool)

L-STRONG POLE

2018.05.09 REV8

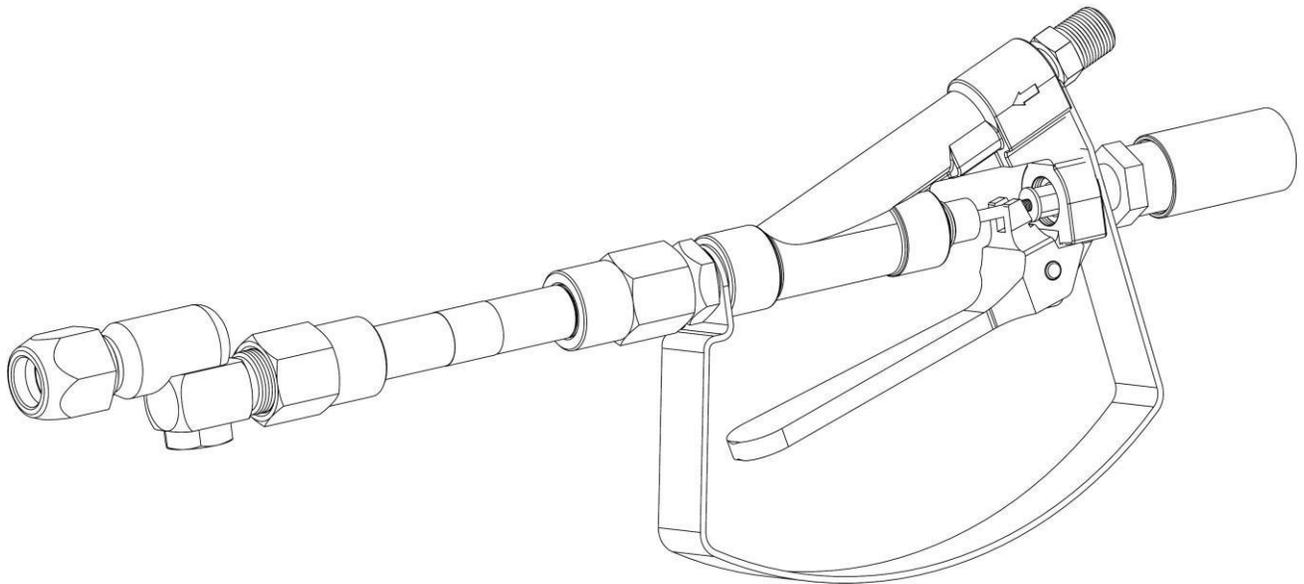
Forging Aluminum alloy Body

5000 psi (345 bar) Maximum Working Pressure Fluid Inlet 1/4nps

The Leather V-packing included with the gun

Part No. G721-100	1 feet	(300 mm) length
Part No. G722-100	2 feet	(600 mm) length
Part No. G723-100	3 feet	(900 mm) length
Part No. G724-100	4 feet	(1.2 m) length
Part No. G725-100	5 feet	(1.5 m) length
Part No. G726-100	6 feet	(1.8 m) length
Part No. G728-100	8 feet	(2.4 m) length

A PATENT APPLICATION



DSTech Co., LTD.

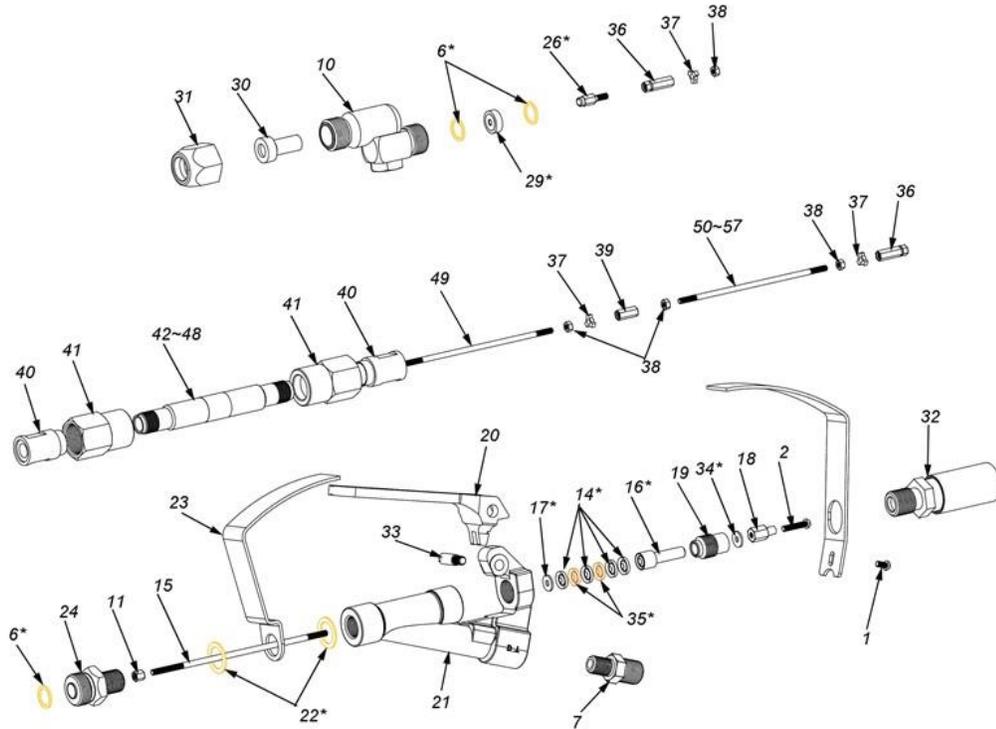
#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)

Tel: 82-51-207-8006

Fax: 82-51-207-8831

www.dstpump.com

Parts



No	Code	Description	Qty	No	Code	Description	Qty
1	G730-001	Screw	1	35	G730-035	Packing(Leather)	2
2	G730-002	Cap Screw	1	36	G720-036	JOINT NUT	2
6	G720-006	Gasket	3	37	G720-037	GUIDE	
7	G730-007	Nipple	1	38	G720-038	NUT	
10	G720-010 (AGES-007)	NOZZLE, swivel	1	39	G720-039	MIDDLE JOINT NUT	
11	G730-011	NUT	1	40	G720-040	TUBE SCOKET	2
14	G730-014	Packing(PTFE)	4	41	G720-041	TUBE NUT	2
15	G730-015	ROD	1	42	G720-042	G721 TUBE	
16	G730-016	GLAND (F)	1	43	G720-043	G722 TUBE	
17	G730-017	GLAND (M)	1	44	G720-044	G723 TUBE	
18	G730-018	NUT	1	45	G720-045	G724 TUBE	
19	G730-019	SCREW	1	46	G720-046	G725 TUBE	
20	G730-120	HANDLE	1	47	G720-047	G726 TUBE	
21	G730-121	BODY(AL)	1	48	G720-048	G728 TUBE	
22	G730-022	GASKET (copper)	2	49	G720-049	G721 STEM 98mm	
23	G730-023	GUARD	1	50	G720-050	G722 STEM 398mm	
24	G720-024	ADAPTER	1	51	G720-051	G723 STEM 698mm	
26	G730-026	STEM. valve	1	52	G720-052	G724 STEM 300mm + 698mm	
29	G730-029	SEAT	1	53	G720-053	G725 STEM 600mm + 698mm	
30	ATOW-XXX	TIP FILTER		54	G720-054	G726 STEM 300 + 600 + 698mm	
31	G730-031	TIP NUT	1	55	G720-055	G728 STEM 300+600+600+698mm	
32	G730-032	SAFETY KNOB	1	56	G720-056	STEM 300mm	
33	G730-033	SCREW	1	57	G720-057	STEM 600mm	
34	G730-034	WASHER	1				

Note : part marked in color are the Repair kit D code : **G720-500**

SAFETY KNOB



No	D Code	G Code	Description
1	G730-032	210-170	SAFETY KNOB(350 bar)
2	G730-032		SAFETY KNOB(250 bar)

POLE GUN

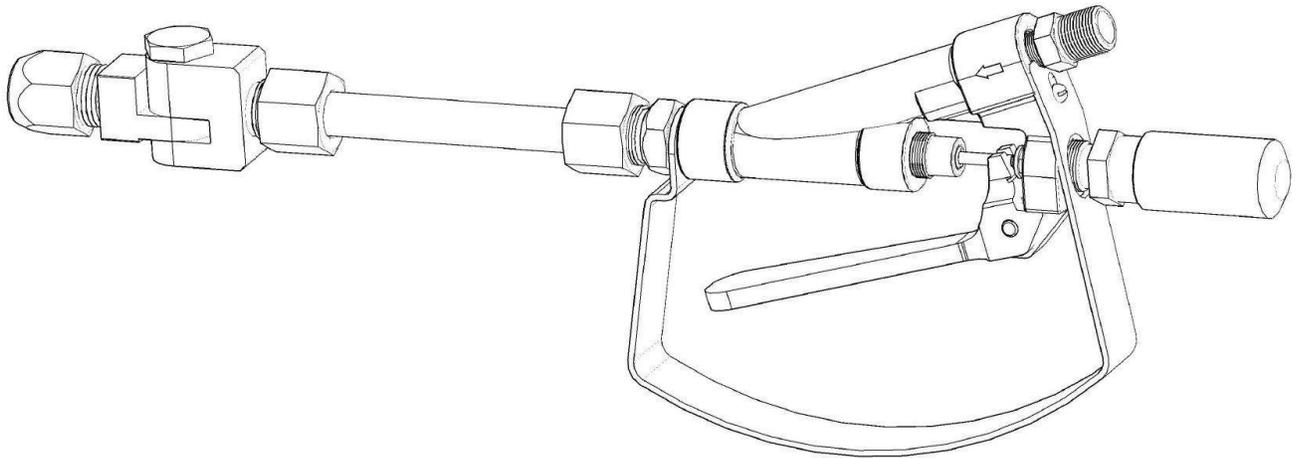
2015.09.21 rev8

Forging Aluminum alloy Body

5000 psi (345 bar) Maximum Working Pressure Fluid Inlet 1/4nps

The Leather V-packing included with the gun

Part No. G731-100 (237-768)	1 feet	(300 mm) length
Part No. G732-100 (237-769)	2 feet	(600 mm) length
Part No. G733-100 (205-129)	3 feet	(910 mm) length
Part No. G734-100 (237-770)	4 feet	(1.2 m) length
Part No. G735-100	5 feet	(1.5 m) length
Part No. G736-100 (204-979)	6 feet	(1.8 m) length
Part No. G738-100 (205-130)	8 feet	(2.4 m) length



DSTech Co., LTD.

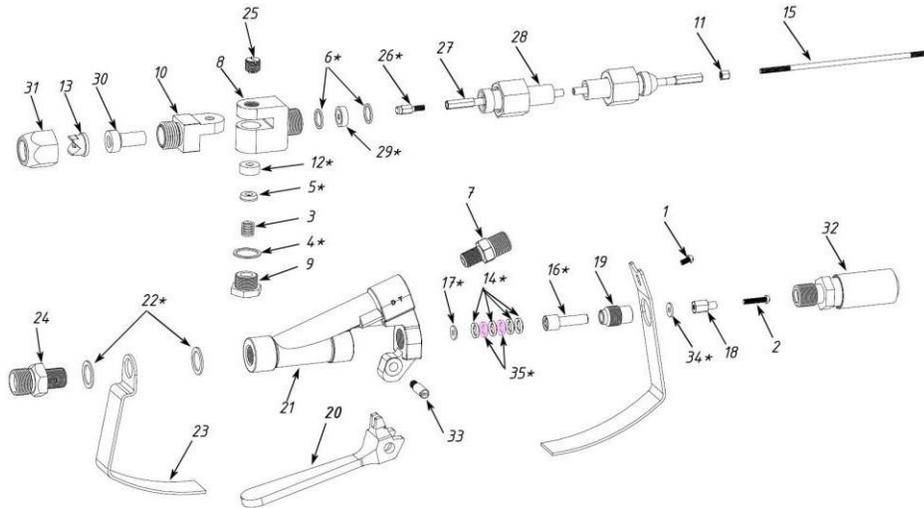
#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)

Tel: 82-51-207-8006

Fax: 82-51-207-8831

www.dstpump.com

Parts



Note : part marked in color are the Repair Kit parts D part No G730-501

No	Code	Description	Qty	No	Code	Description	Qty
1	G730-001	Screw	1	19	G730-019	SCREW	1
2	G730-002	Cap Screw	1	20	G730-120	HANDLE	1
3	G730-003	Spring	1	21	G730-121	BODY(AL)	1
4	G730-004	Gasket (copper)	1	22	G730-022	GASKET (copper)	2
5	G730-005	Washer	1	23	G730-023	GUARD	1
6	G730-006	Gasket (copper)	2	24	G730-024	ADAPTER	1
7	G730-007	Nipple	1	25	G730-025	SCREW	1
8	G730-008	HOUSING, swivel	1	26	G730-026	STEM. valve	1
9	G730-009	Plug	1	27		STEM, extension	1
10	G730-010	NOZZLE, swivel	1	28		TUBE, extension	1
11	G730-011	NUT	1	29	G730-029	SEAT	1
12	G730-012	SEAL,	1	30	ATOW-XXX	TIP FILTER	
14	G730-014	Packing(PTFE)	4	31	G730-031	TIP NUT	1
15	G730-015	ROD	1	32	G730-032	SAFETY KNOB	1
16	G730-016	GLAND (F)	1	33	G730-033	SCREW	1
17	G730-017	GLAND (M)	1	34	G730-034	WASHER	1
18	G730-018	NUT	1	35	G730-035	Packing(Leather)	2

STEM ,extension				TUBE ,extension			
No	D Code	Description	Qty	No	D Code	Description	Qty
27	G730-271	For model G731-000		28	G730-281	For model G731-000	
	G730-272	For model G732-000			G730-282	For model G732-000	
	G730-273	For model G733-000			G730-283	For model G733-000	
	G730-274	For model G734-000			G730-284	For model G734-000	
	G730-275	For model G735-000			G730-285	For model G735-000	
	G730-276	For model G736-000			G730-286	For model G736-000	
	G730-278	For model G738-000			G730-288	For model G738-000	

<p>POLE GUN NOZZLE</p> 	<table border="1"> <thead> <tr> <th>No</th> <th>D Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>G730-600</td> <td>GUN NOZZLE</td> </tr> </tbody> </table>	No	D Code	Description	1	G730-600	GUN NOZZLE			
No	D Code	Description								
1	G730-600	GUN NOZZLE								
<p>SAFETY KNOB</p> 	<table border="1"> <thead> <tr> <th>No</th> <th>D Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>G730-032</td> <td>350 BAR SAFETY KNOB</td> </tr> <tr> <td>2</td> <td>G730-042</td> <td>250 BAR SAFETY KNOB</td> </tr> </tbody> </table>	No	D Code	Description	1	G730-032	350 BAR SAFETY KNOB	2	G730-042	250 BAR SAFETY KNOB
No	D Code	Description								
1	G730-032	350 BAR SAFETY KNOB								
2	G730-042	250 BAR SAFETY KNOB								

IN LINE GUN

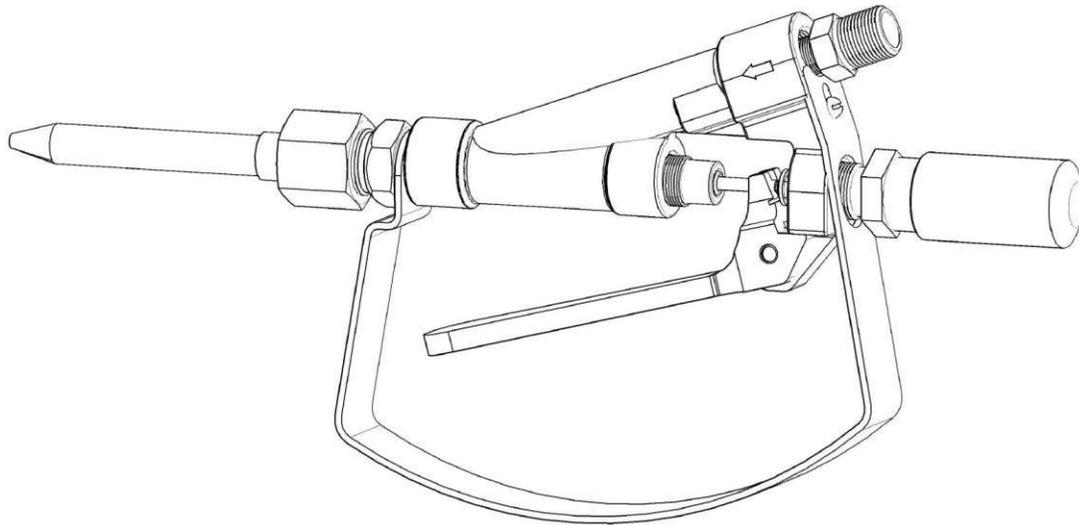
2018.03.12 REV4

Forging Aluminum alloy Body

The Leather V-packing included with the gun

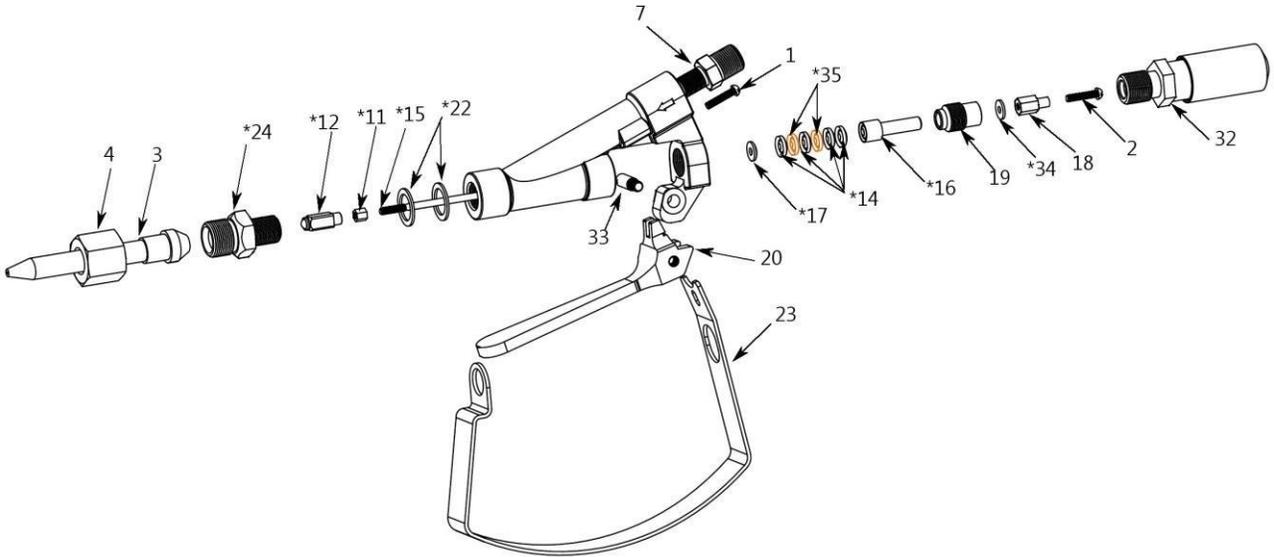
5000 psi (345 bar) Maximum Working Pressure Fluid Inlet 1/4nps

MODEL G740-000



DSTech Co., LTD.
#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)
Tel: 82-51-207-8006
Fax: 82-51-207-8831
www.dstpump.com

Parts



No	Code	Description	Qty	No	Code	Description	Qty
1	G730-001	Screw	1	18	G730-018	NUT	1
2	G730-002	Cap Screw	1	19	G730-019	SCREW	1
3	G740-003	Nozzle 1mm	1	20	G730-020	HANDLE	1
4	G740-004	Joint nut	1	21	G730-021	BODY	1
7	G730-007	Nipple	1	22	G730-022	GASKET (copper)	2
11	G730-011	NUT	1	23	G730-023	GUARD	1
12	G740-012	Needle	1	24	G740-024	VALVE SEAT	1
14	G730-014	V-Packing	4	32	G730-032	SAFETY KNOB	1
15	G740-015	ROD	1	33	G730-033	SCREW	1
16	G730-016	GLAND (F)	1	34	G730-034	WASHER	1
17	G730-017	GLAND (M)	1	35	G730-035	V-PACKING(LEATHER)	2

These parts are included in repair kit which may be purchased separately.

Repair kit D code G740-500

included (12, 14, 15, 16, 17, 22, 24, 34, 35)

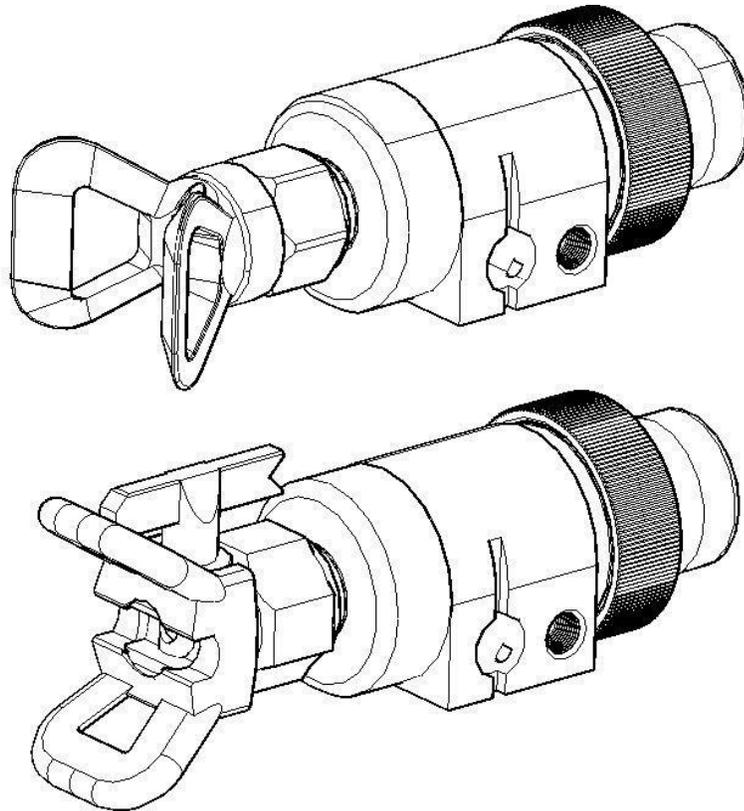
<p>POLE GUN NOZZLE</p> 	<table border="1"> <thead> <tr> <th>No</th> <th>D Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>G730-600</td> <td>GUN NOZZLE</td> </tr> </tbody> </table>	No	D Code	Description	1	G730-600	GUN NOZZLE			
No	D Code	Description								
1	G730-600	GUN NOZZLE								
<p>SAFETY KNOB</p> 	<table border="1"> <thead> <tr> <th>No</th> <th>D Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>G730-032</td> <td>350 BAR SAFETY KNOB</td> </tr> <tr> <td>2</td> <td>G730-042</td> <td>250 BAR SAFETY KNOB</td> </tr> </tbody> </table>	No	D Code	Description	1	G730-032	350 BAR SAFETY KNOB	2	G730-042	250 BAR SAFETY KNOB
No	D Code	Description								
1	G730-032	350 BAR SAFETY KNOB								
2	G730-042	250 BAR SAFETY KNOB								

5. Automatic Airless Spray Gun

2014.11.28. REV3

4000 psi (280 bar, 28 MPa) Maximum Working Pressure

- MODEL **G761-100** bare
- MODEL **G761-200** flat tip guard
- MODEL **G761-300** switch tip guard R5
- MODEL **G761-400** switch tip guard RX



DSTech Co., LTD.

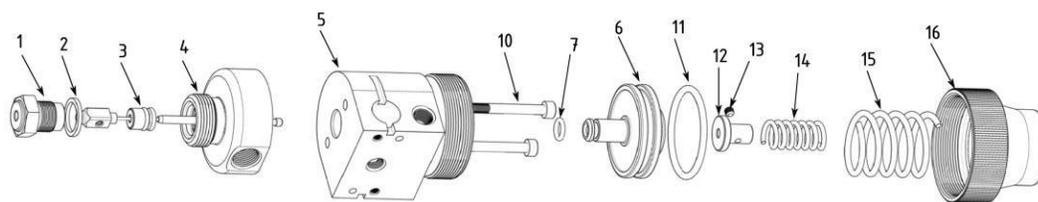
#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)

Tel: 82-51-207-8006

Fax: 82-51-207-8831

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Parts



No	D Code	Description	Qty
1	G760-001	SEAT	1
2	G760-002	GASKET	1
3	G760-003	NEEDLE	1
4	G761-004	HOUSING	1
5	G761-005	BODY	1
6	G760-006	PISTON	1
7	G760-007	O-RING	1
10	G760-010	SCREW	2
11	G760-011	O-RING	1
12	G760-012	STOP	1
13	G760-013	SCREW	1
14	G760-014	SPRING	1
15	G760-015	SPRING	1
16	G760-016	PISTON CAP	1
REPAIR KIT NO: G761-500 WITH 1. 2. 3. 7. 11.			

6. S-Plus Airless Spray Gun

2018.04.23 REV11

5000 psi (345 bar, 34.5 MPa) Maximum Working Pressure

The spray tip is not included with the gun. Order the tip separately

MODEL G831-200 TRIGGER 2-finger bear

MODEL G831-201 flat tip guard & nut

MODEL G831-202 switch tip guard R5

MODEL G831-203 switch tip guard RX

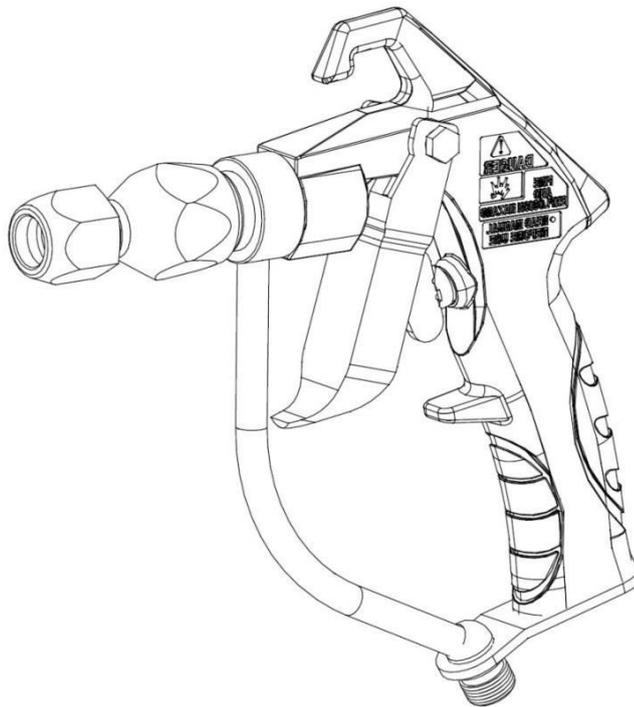
MODEL G831-400 TRIGGER 4-finger bear

MODEL G831-401 flat tip guard & nut

MODEL G831-402 switch tip guard R5

MODEL G831-403 switch tip guard RX

PAT NO. 20-0452354



DSTech Co., LTD.

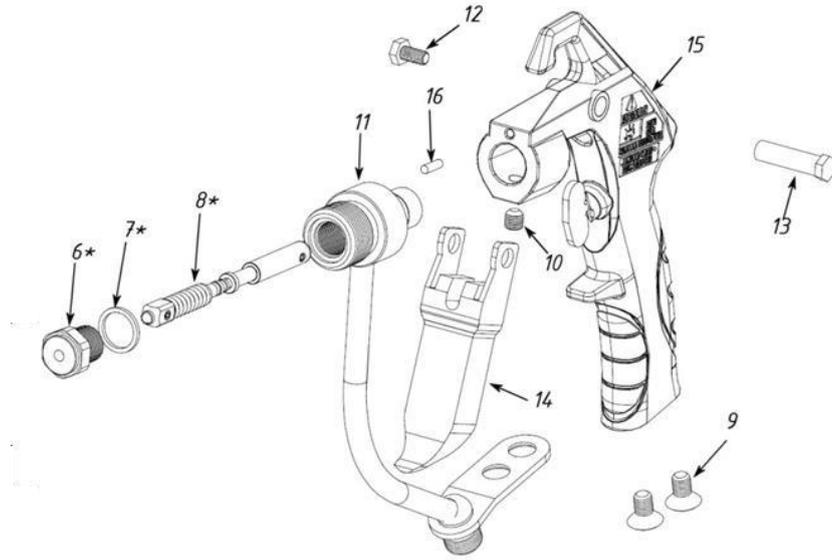
#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)

Tel: 82-51-207-8006

Fax: 82-51-207-8831

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Parts

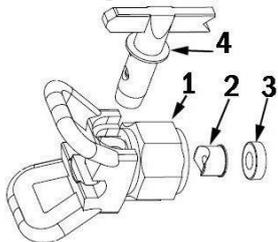


No	D Code	Description	Qty	No	D Code	Description	Qty
6	G830-006	SEAT	1	12	G830-012	SCREW	1
7	G830-007	GASKET, copper	1	13	G830-013	PIN	1
8	G830-008	NEEDLE ass'y	1	14	G830-214	2 FINGER TRIGGER	1
9	G830-009	SCREW	2		G830-414	4 FINGER TRIGGER	
10	G830-010	SET SCREW	1	15	G831-015	GUN BODY	1
11	G830-011	FLUID HOUSING	1	16	G831-016	SPRING PIN	1

These parts are included in repair kit which may be purchased separately. **Repair kit D code : G830-500, (G code : 235-474)** included (6, 7, 8, installation tool)

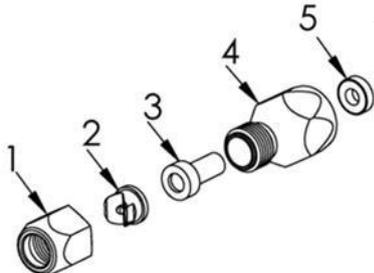
* No.14 2-Finger Trigger and 4-Finger Trigger is optional by customer.

Option S/W Tip GUARD



No	D Code	Description	Qty
1	ASTG-501	S/W TIP GUARD RAC 5	1
	ASTG-X01	S/W TIP GUARD RAC X	
2	ASTG-003	SADDLE	1
3	ASTG-004	PACKING	1
4	AST5-XXX	S/W TIP	1

Option Tip Filter



No	D Code	Description	Qty
1	G830-001	TIP GUARD	1
2		TIP	1
3		TIP FILTER	1
4	G830-004	HOUSING	1
5	G830-005	GASKET	1

CONTRACTOR Airless Spray Gun

2018.04.23 REV9

3600 psi (248 bar, 24.8 MPa) Maximum Working Pressure

MODEL G841-200 TRIGGER 2-finger bear

MODEL G841-201 flat tip guard & nut

MODEL G841-202 switch tip guard R5

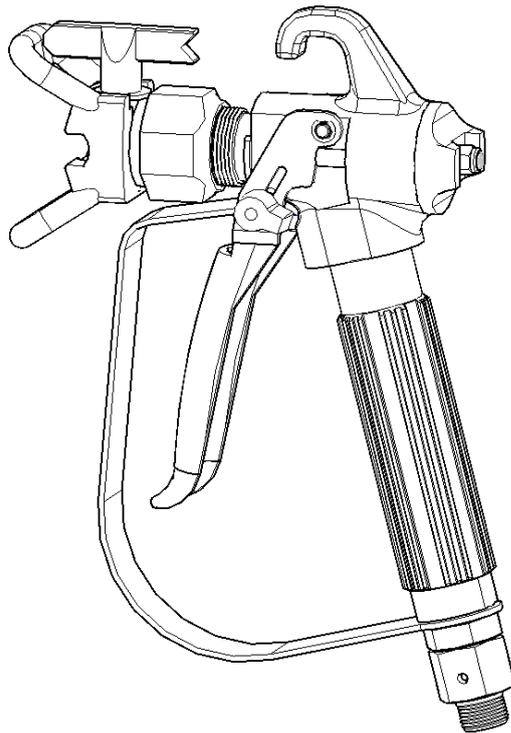
MODEL G841-203 switch tip guard RX

MODEL G841-400 TRIGGER 4-finger bear

MODEL G841-401 flat tip guard & nut

MODEL G841-402 switch tip guard R5

MODEL G841-403 switch tip guard RX



DSTech Co., LTD.

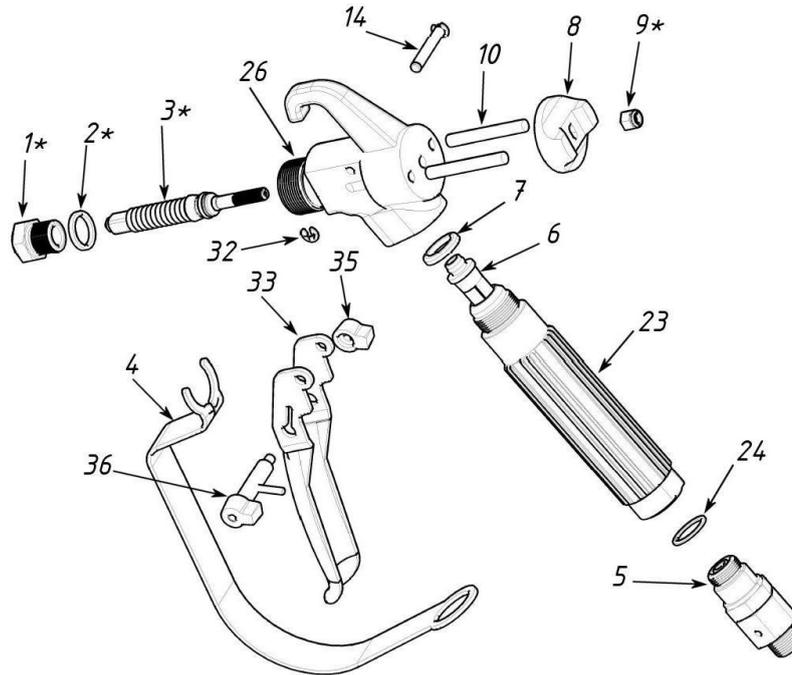
#1461-2, Songjung-dong, Gangseo-gu,
Busan, Korea (618-817)

Tel: 82-51-207-8006

Fax: 82-51-207-8831

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Parts

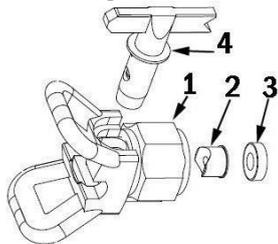


No	D Code	Description	Qty	No	D Code	Description	Qty
1	G840-001	SEAT	1	23	G841-023	HANDLE	1
2	G840-002	GASKET	1	24	G840-024	GASKET	1
3	G840-003	NEEDLE ASS'Y	1	26	G840-026	FLUID HOUSING	1
4	G840-004	GUARD trigger	1	27	G840-027	TUBE	1
5	G840-005	KIT swivel	1	28	G840-028	SCREW	1
6	G840-006	FILTER	1	32	G840-032	STOP RING	2
7	G840-007	SEAL	1	33	G840-233	TRIGGER 2finger	1
8	G840-008	CAP	1		G840-433	TRIGGER 4finger	
9	G840-009	NUT	1	35	G840-035	HANDLE trigger	2
10	G840-010	PIN	2	36	G840-036	SHAFT trigger	1
14	G840-014	STUD	1				

These parts are included in repair kit which may be purchased separately. **Repair kit D code : G840-500, (G code 218-070) included (1,2,3,9)**

* No.33 2-Finger Trigger and 4-Finger Trigger is optional by customer.

Option S/W Tip GUARD



A PATENT APPLICATION

PAT NO. 30-0690375, 30-0690433, 30-0706034, 30-0677933

No	D Code	Description	Qty
1	ASTG-501	S/W TIP GUARD RAC 5	1
	ASTG-X01	S/W TIP GUARD RAC X	
2	ASTG-003	SADDLE	1
3	ASTG-004	PACKING	1
4	AST5-XXX	S/W TIP	1