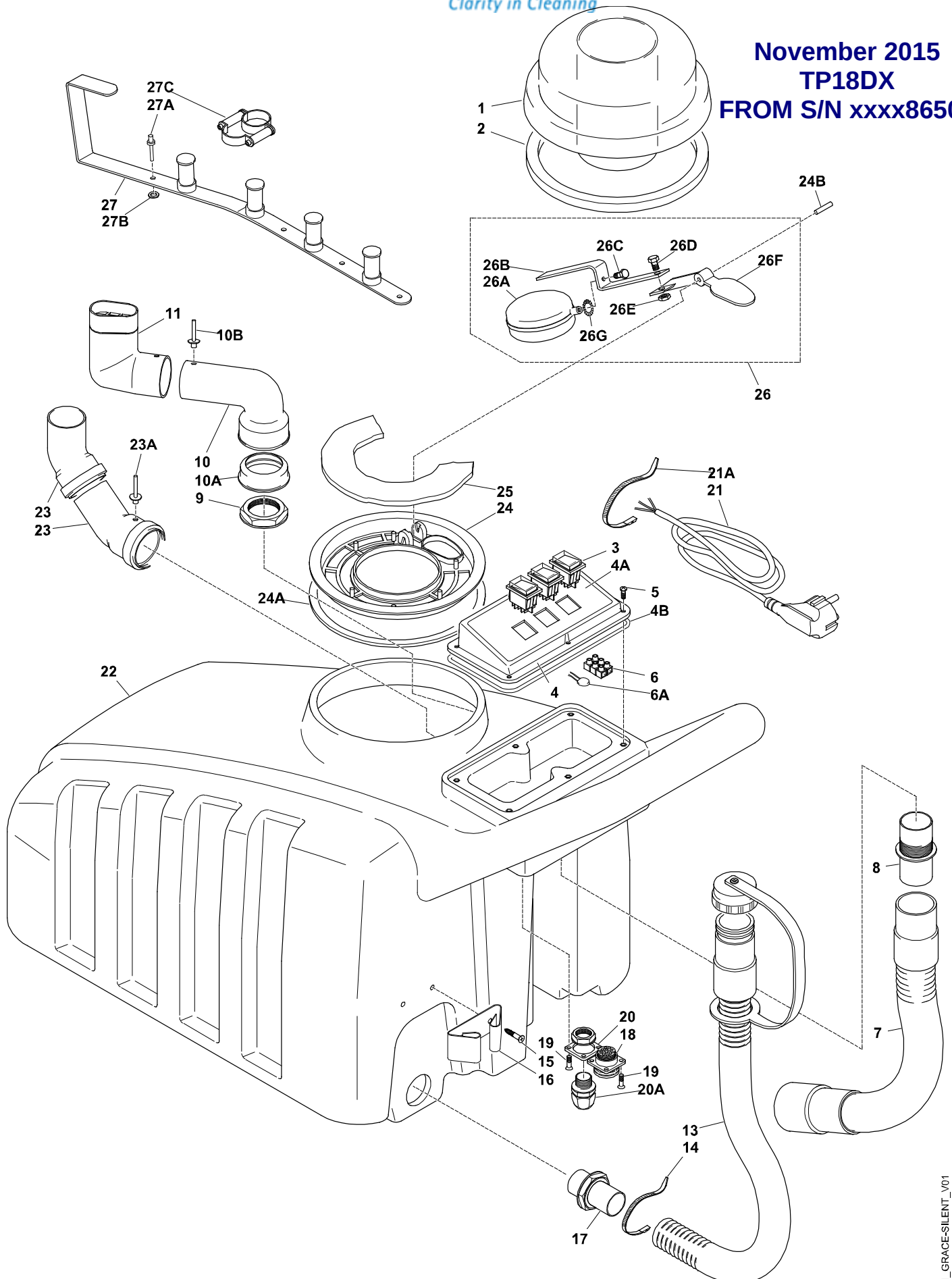
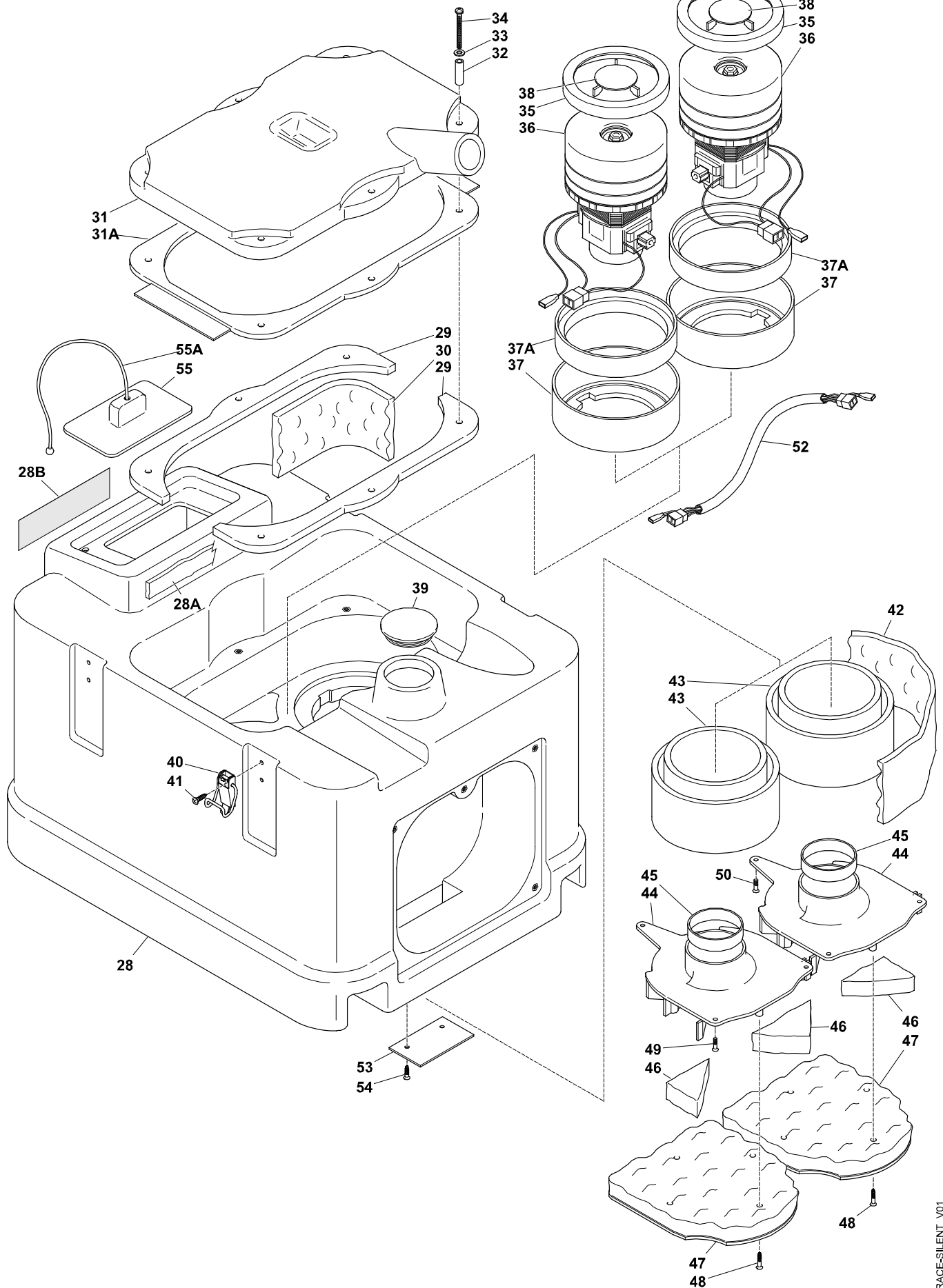


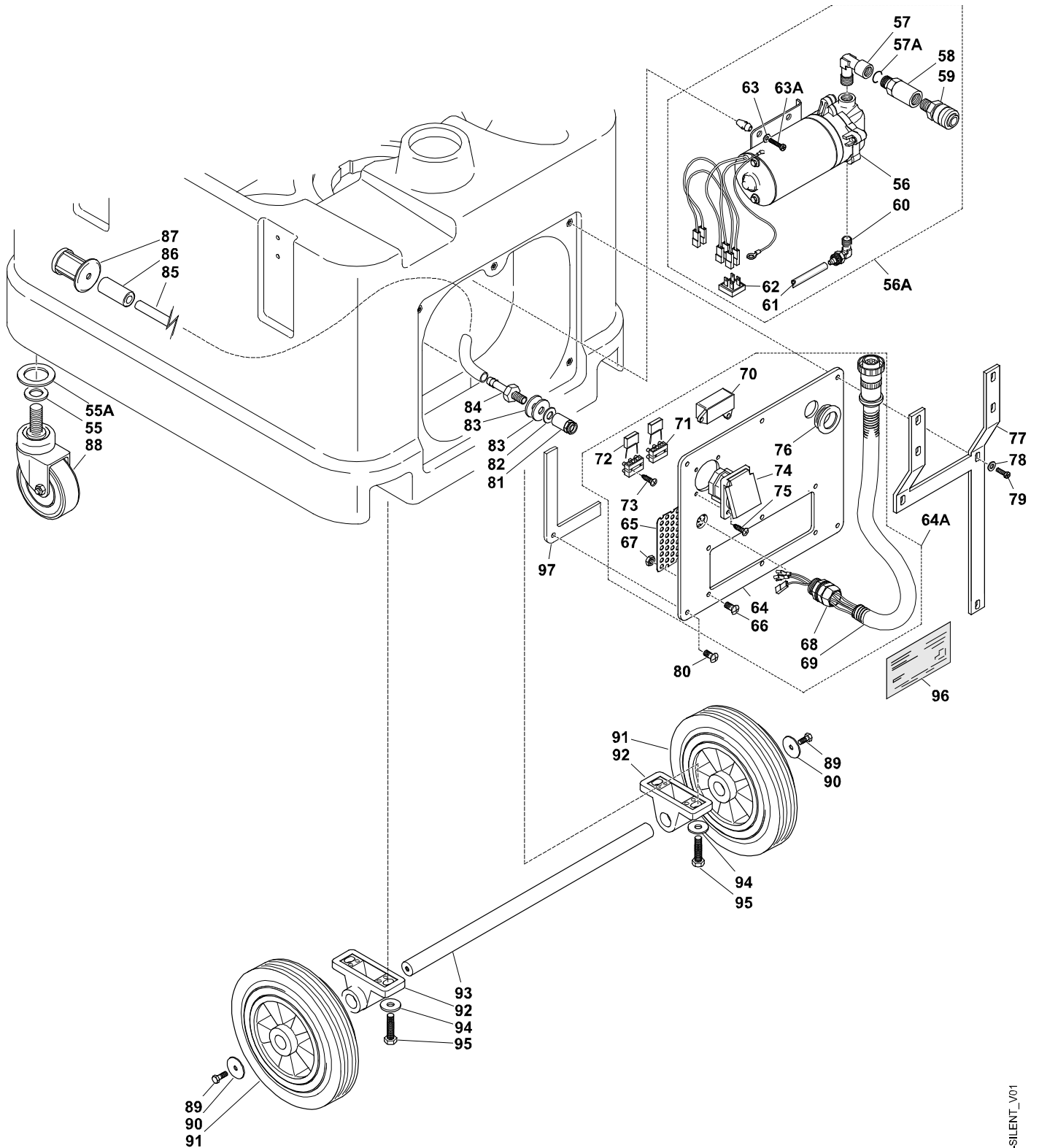
November 2015
TP18DX
FROM S/N xxxx86500





November 2015

TP18DX
FROM S/N xxxx86500



INJECTION-EXTRACTION MACHINE – TP18DX (SERIAL N> xxxx86500)

Ref.	Code	Description
1+2	15178C	COVER WITH GASKET
2	15179	GASKET
3	15217	2 POSITIONS SWITCH
4	15176	PANEL
4A	15181	LABEL FOR UPPER PANEL
4B	15128	UPPER PANEL GASKET
5	15551	STAINLESS STEEL SCREW TC+ 4x16
6	152361	CONNECTING TERMINAL
6A	158132	VARISTOR (230V)
7	153641C-GRACE	COMPLETE HOSE D.50 FOR GRACE-SILENT
8	153652	HOSE NIPPLE D.50 FOR GRACE SILENT
9	15548134	RING NUT 1 + 3/4" FOR GRACE-SILENT
10	15153.1	LARGE ELBOW 90° WITHOUT GASKET
10A	15153.2	GASKET FOR LARGE ELBOW 90°
10B	15519	RIVET 4 x 12
11	151533C	ELBOW 90° - OVAL SHAPE
13	151591C-GRSIL	COMPLETE DRAIN HOSE FOR GRACE-SILENT
14	15541	TIE
15	15542	SCREW 4,2x16
16	151602	CLIP FOR DRAIN HOSE D.38
17	151612	HOSE NIPPLE 1"1/4 FOR DIAM.38
18	15259-GRACE	SOCKET FOR GRACE, WITH WIRES
19	15538	SCREW TC+ 3,9x13
20	15109	FAIRLEAD PLATE
20A	15295	FAIRLEAD WITH NUT
21	152091	CABLE 3x2,5x10M. COMPLETE WITH EURO PLUG
	15215	CABLE 3xAWG14 L.15m. SJTW-CSA USA PLUG
21A	15541	TIE
22	151510AZ	GRACE-SILENT BLUE UPPER TANK
23	15183	ELBOW
23A	15519	RIVET 4 x 12
24	1518801	SUPPORT FOR GRACE-SILENT LARGE FILTER
24A	1518804	GASKET FOR FILTER SUPPORT
24B	15599	CYLINDRIC PIN 4x34,8 - INOX
25	1518803	LARGE FILTER PPI30 – GRACE-SILENT
26	1517042C-GRACESIL	COMPL.GROUP – GRACE-SILENT FLOATER MOVING PART
26A	151707	FLOATER WITH THREAD FOR SCREW
26B	151715	PLATE FOR GRACE-SILENT FLOATER
26C	1558206W	SCREW TE 6x8 INOX passo 1/4x3/8 WHITWORTH
26D	15582	SCREW TE 6x14 UNI 5739 INOX
26E	15562R	NUT INOX D.6 WITH WASHER
26F	1518802	MOVING PART GRACE-SILENT IND. FLOATER
26G	1552106I	LOCKING WASHER DIAM 6 INOX
27	1549150	SUPPORT FOR ACCESSORIES AND HOSES GRACE-SILENT
27A	15519	RIVET 4 x 12
27B	15529	WASHER 4x16x1 INOX UNI 6593
27C	15117-HOOK	HOOK D.38 FOR NS300
28	151520AZ	GRACE-SILENT BLUE LOWER TANK
28A	151552	FRONT GASKET FOR TANK
28B	151871	SANTOEMMA LABEL FOR TANKS
29	151556	GASKET TANK/MANIFOLD GRACE-SILENT (3 STAGES)
30	2061	UPPER SOUNDPROOFING PART GRACE SILENT

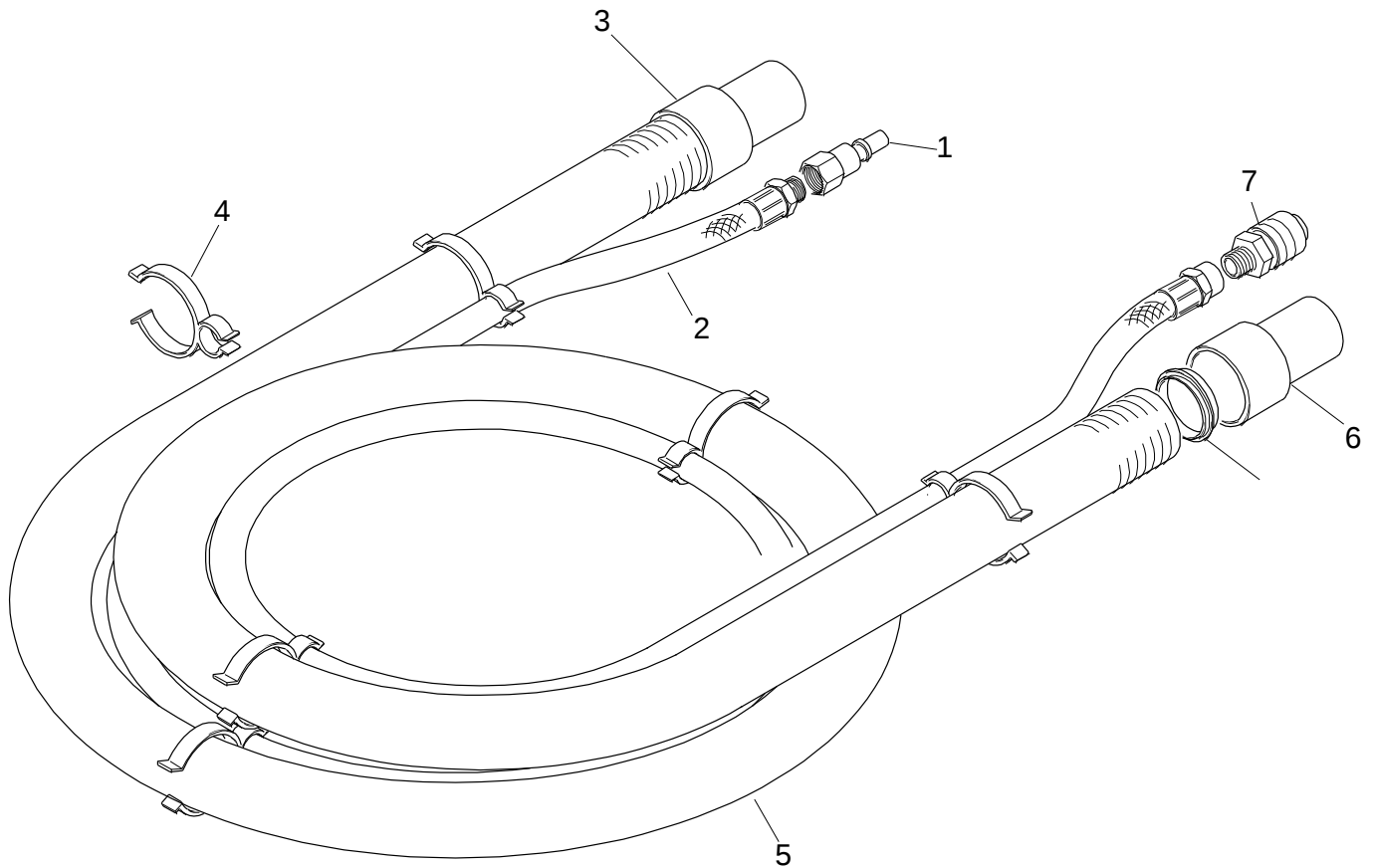
INJECTION-EXTRACTION MACHINE – TP18DX (SERIAL N> xxxx86500)

Ref.	Code	Description
31	151550N2	MANIFOLD FOR GRACE-SILENT MOTORS
31A	1515541	GASKET FOR GRACE-SILENT MANIFOLD
32	1556352	THIMBLE FOR MANIFOLD SCREWS GRACE-SILENT
33	155171	WASHER 5x15x1,5 UNI 6593 INOX
34	155713I	SCREW TC+ 5x50 UNI 7687 INOX (3 STAGES)
	15571I	SCREW TC+ 5x40 UNI 7687 INOX (2 STAGES)
35	15811	MOTOR GASKET D.145x5 (3 STAGES-240V)
	15825	MOTOR GASKET D.145x3 (2 STAGES 120V-240V)
	1581213	MOTOR GASKET D.145x13 (3 STAGES-100V)
36	15808PA/AK	3 STAGES AKUSTEK MOTOR 1500W 240V 60Hz (HW)
	15821	2 STAGES MOTOR 1200W 220-240V 50/60 HZ
	15820	2 STAGES MOTOR 1200W 110-120V 50/60 HZ
	15810PA	3 STAGES MOTOR 1300W 100V 50-60Hz
37	1513211	SOUNDPROOFING UPPER CYLINDER FOR GRACE-SILENT
37A	1581213	MOTOR GASKET D.145x13 (FOR 2 STAGES ONLY)
38	15824	MOTOR VALVE
39	1550243	ROUND CAP FOR GRACE LOWER TANK
40	15142	COUPLER
41	15542	SCREW TC+ 4,2x16 Zn
42	152062	LOWER SOUNDPROOFING PART GRACE SILENT
43	1513212	SOUNDPROOFING LOWER CYLINDER FOR GRACE-SILENT
44	151412	LOWER FLANGE GRACE-SILENT MOTOR
45	151322	ROUND SEALING PART FOR MOTOR COOLING AIR
46	1513221	SEALING PART FOR GRACE COOLING AIR
47	152000C	COMPLETE SOUNDPROOFING PANEL (2000+2011)
48	15544	SCREW TC+ 4.2x22 Zn
49	15536	STAINLESS STEEL SCREW TC+ 4x10
50	15536	STAINLESS STEEL SCREW TC+ 4x10
51	151334	COVER FOR LOWER TANK
51A	1513341	TIE FOR LOWER TANK COVER
52	1529714	CABLE 3x1,5mmq FOR GRACE-SILENT L700mm
53	151482	COVER PLATE FOR CABLES GRACE-SILENT
54	15542	SCREW TC+ 4,2x16 Zn
55	15540	WASHER 10x20x0,8
55A	15597	WASHER 20x37x3 UNI 6592 Zn
56	15643	PUMP 220-240V 50-60 Hz 100 PSI+ RECTIFIER 27935
	15644	PUMP 100-120V 50-60 Hz 100 PSI (INTERNAL RECT.)
56A	15643C-M	PUMP 220-240V 50-60 Hz 100 PSI+ RECTIFIER 27935 + FITTINGS + METAL COUPLING
	15644C-M	PUMP 100-120V 50-60 Hz 100 PSI (INTERNAL RECT.) +FITTINGS + METAL COUPLING
57	157201	ELBOW MF 3/8-3/8"
57A	1513738	ORING
58	15753	EXTENSION FOR METAL COUPLING
59	15687-T	QUICK DISCONNECT FEMALE – METAL
60	15622	ELBOW COUPLING M.3/8 FOR HOSE 6/8
61	15733	HOSE FOR PUMP L=230mm
62	1527935	RECTIFIER 35A 1000V GBPC
63	155171	WASHER 5x15x1,5 UNI 6593 INOX
63A	15546	SCREW TC+ 5x25 DIN 7985 Zn
64	151481	LOWER CONTROL PANEL GRACE-SILENT
	151481-USA	LOWER CONTROL PANEL GRACE-SILENT USA
64A	15PA-GRACE-INF	COMPLETE LOWER PANEL FOR GRACE (230V)
	15PA-GRACE USA2-INF	COMPLETE LOWER PANEL FOR GRACE USA (100-120V)

INJECTION-EXTRACTION MACHINE – TP18DX (SERIAL N> xxxx86500)

Ref.	Code	Description
65	151801	COOLING PLATE GRACE-SILENT PANEL
66	15536	SCREW TC+ 4x10 INOX UNI 7687
	1553620	SCREW TC+ 4x20 INOX UNI 7687
67	15523	NUT ES. 4 MA UNI 5587
68	15262C	CONNECTING PART FOR CABLE-PANEL
69	15261-GRACE	CABLE SHEATH WITH WIRES +COD.260+265
	15261-GRACE-USA	CABLE SHEATH WITH WIRES +COD.260+265 FOR USA
70	15290	RADIO INTERFERENCE SUPPRESSOR (230V)
71	15236	CONNECTING TERMINAL
72	15235	RADIO INTERFERENCE SUPPRESSOR FOR MOTOR (230V)
73	155612	SCREW TC+ SVASATA 2,9x16 INOX
74	152690	ELECTRICAL OUTLET FOR EURO PLUG
75	15538	SCREW TC+ 3,9x13
76	15163	BUSH
77	1547234	PLATE FOR FIXING HEATER / SMARTKIT ON GRACE-SILENT
78	15529	WASHER 4x16x1 INOX UNI 6593
79	1553620	SCREW TC+ 4x20 INOX UNI 7687
80	15536	SCREW TC+ 4x10 INOX UNI 7687
81	15714	QUICK DISCONNECT FEMALE
82	15540	BRASS WASHER
83	15147	NEOPRENE WASHER
84	15702D	CONNECTING PART
85	15745	EXTRAFLEX HOSE FOR FILTER 67cm
86	15747	BALLAST
87	15608	FILTER
88	15115.1	WHEEL
89	15582	STAINLESS STEEL SCREW TE 6x14
90	155632	WASHER 6x30x2 Zn
91	15422	WHEEL
92	15419N	PILLOW BLOCK
93	154181	SHAFT FOR WHEELS SERENA/ELITE
94	15594	WASHER 8x24 Zn
95	15583	SCREW TE 8x20 UNI 5739 Zn 8.8
96	15157	LABEL FOR LOWER PANEL GRACE-SILENT
97	151866	GASKET FOR GRACE-SILENT PANEL

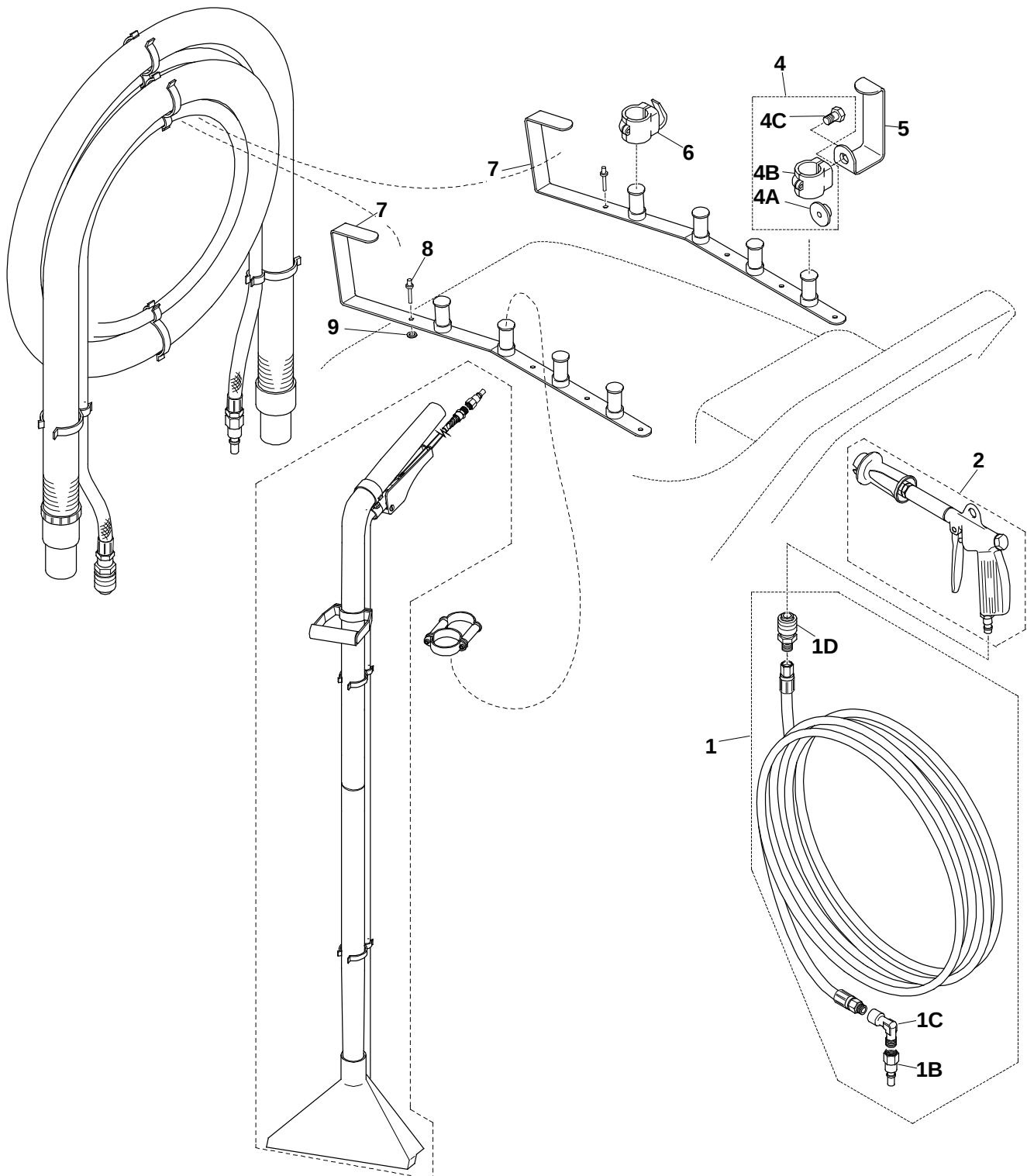
13020PE 20' Solution / Vacuum Hose (1 ½" Diameter)



REF	PART #	DESCRIPTION
1	15689PE	QUICK DISCONNECT MALE – ATT. F-1/4" – METAL
2	15344075	SOLUTION HOSE 20'
3	15334	HOSE CUFF 1 ½"
4	15695	CLIP FOR SOLUTION HOSE
6	15334	HOSE CUFF 1 ½"
7	15687PE	FEMALE QUICK

March 2011

KIT-BRACKETS-GR FOR HOSES, WAND, AND PRESPRAY. MODELS TP12QX, TP18DX, AV12QX, AV18AX



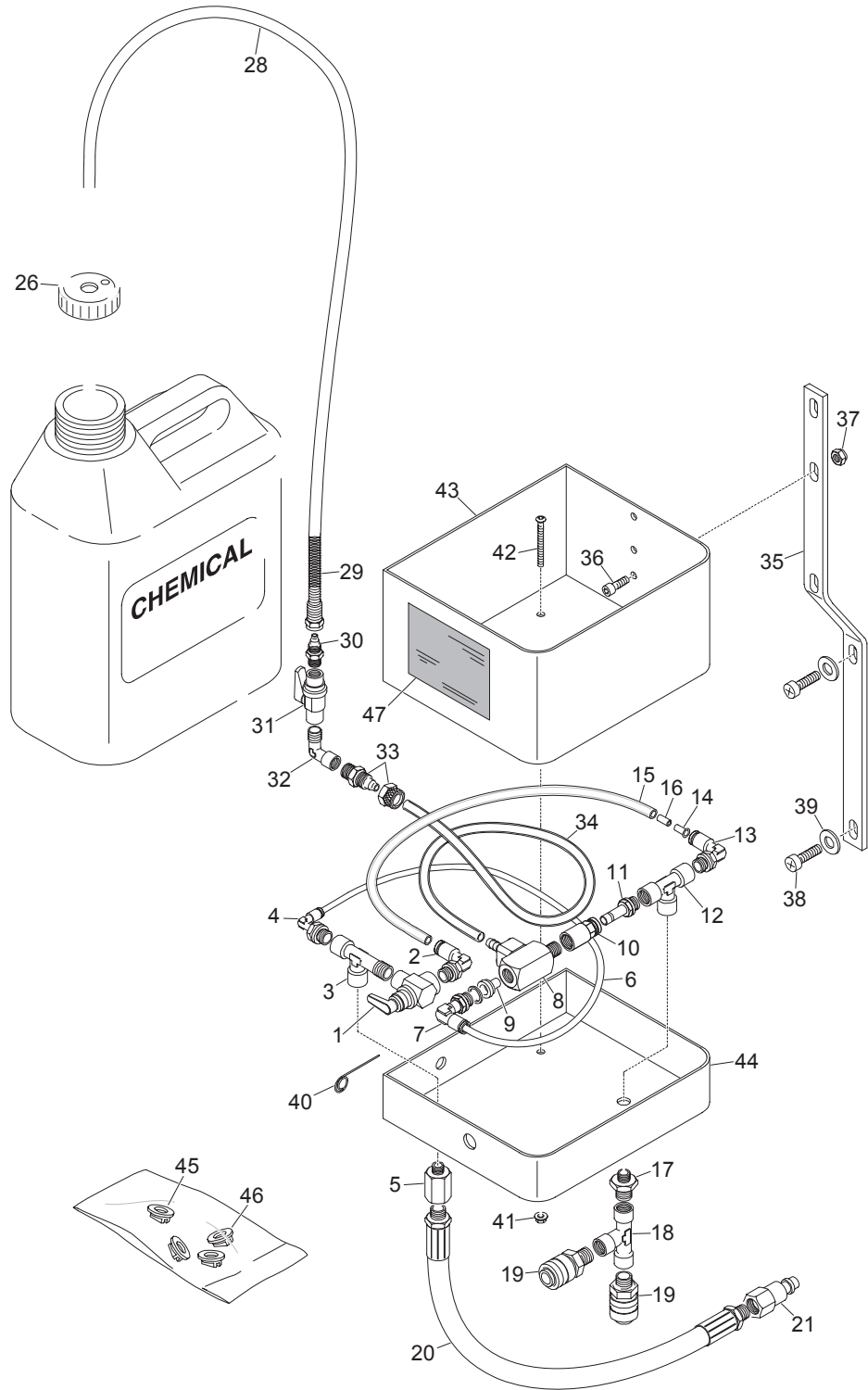


March 2011

KIT-BRACKETS-GR FOR HOSES, WAND, AND PRESpray. MODELS TP12QX, TP18DX, AV12QX, AV18AX

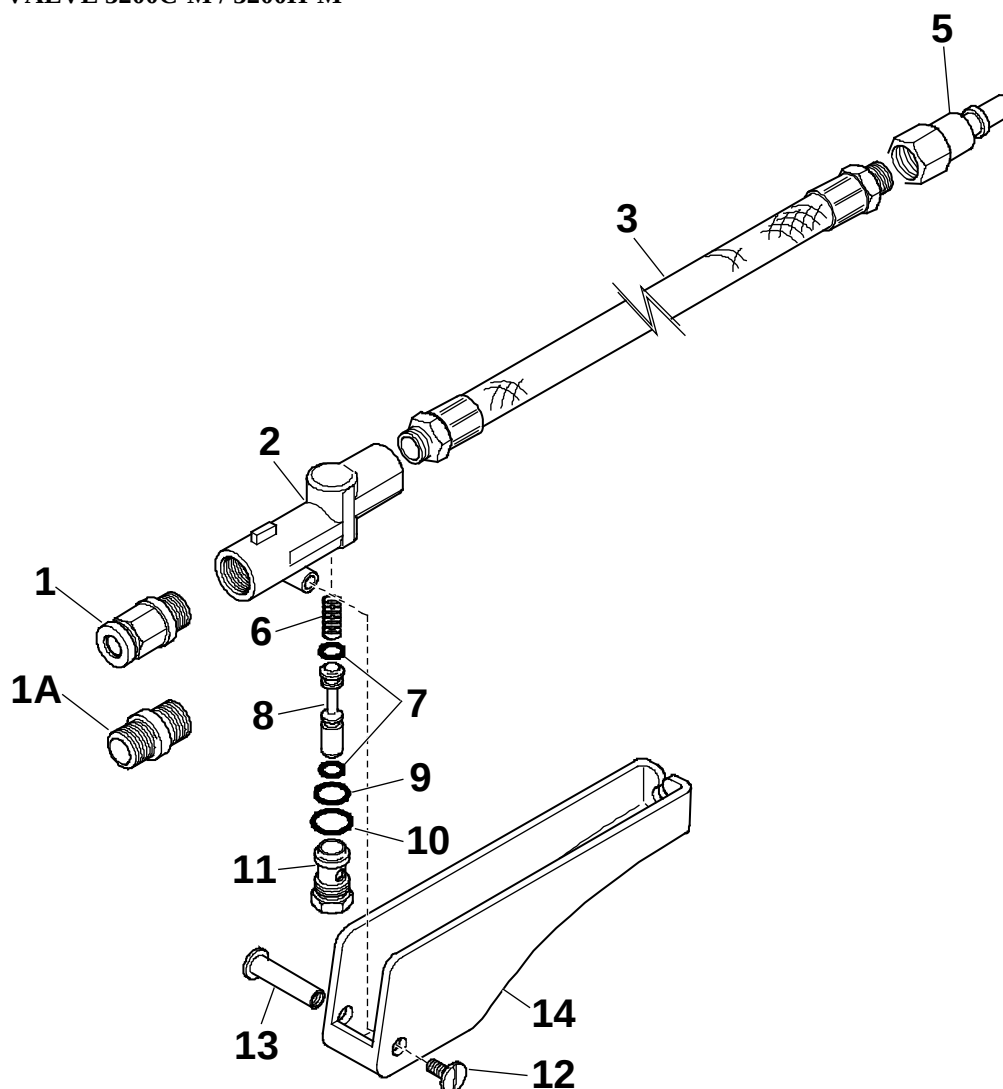
Ref	Code	Description
1	15344CL100MG	RAGNO HOSE 6x14 L=10M + MALE COUPLING +ELBOW
1B	15689-T	QUICK DISCONNECT MALE, ATT. F.1/4 WITH ANTIDRIP
1C	1562614	COUPLING – ELBOW MF A10 1/4 – 1/4
1D	15687-PE	QUICK DISCONNECT FEMALE, ATT. M. ¼
2	15-LANCIA-GR	COMPLETE PRESPraying GUN FOR SMARTKIT (06)
	15688-PE	QUICK DISCONNECT MALE, ATT. M.1/4
	159040	SPRAY GUN
	1590430	EXTENSION FOR PRESPray GUN 10M-M1/4
	159042-06	NOZZLE 06 WITH VARIABLE ANGLE AND BYPASS
4	159025	CLIP DIAM. 22 COMPLETE (49145+9023.1+58206)
4A	1549145	WASHER FOR LOCKING HOOK 49143
4B	159023.1	CLIP DIAM. 22 FOR HOOK SUPPORT (WITHOUT HOOK)
4C	1558206I	SCREW TE 6x8 INOX
5	1549143	GRACEHP SPRAY TUBE HOOK
6	159023	CLIP DIAM. 22 WITH HOOK FOR GUN
	8020283	COMPLETE KIT BRACKETS + HOOK TO HANG HOSES & WAND (CODEX: 2x49148+10x5191+10x529+1x117-HOOK)
7	1549148	LOWER SUPPORT FOR GRACE TOOLS AND HOSES
8	155191	RIVET 4x22
9	15529	STAINLESS STEEL WASHER 4x16

SMART KIT parts breakdown



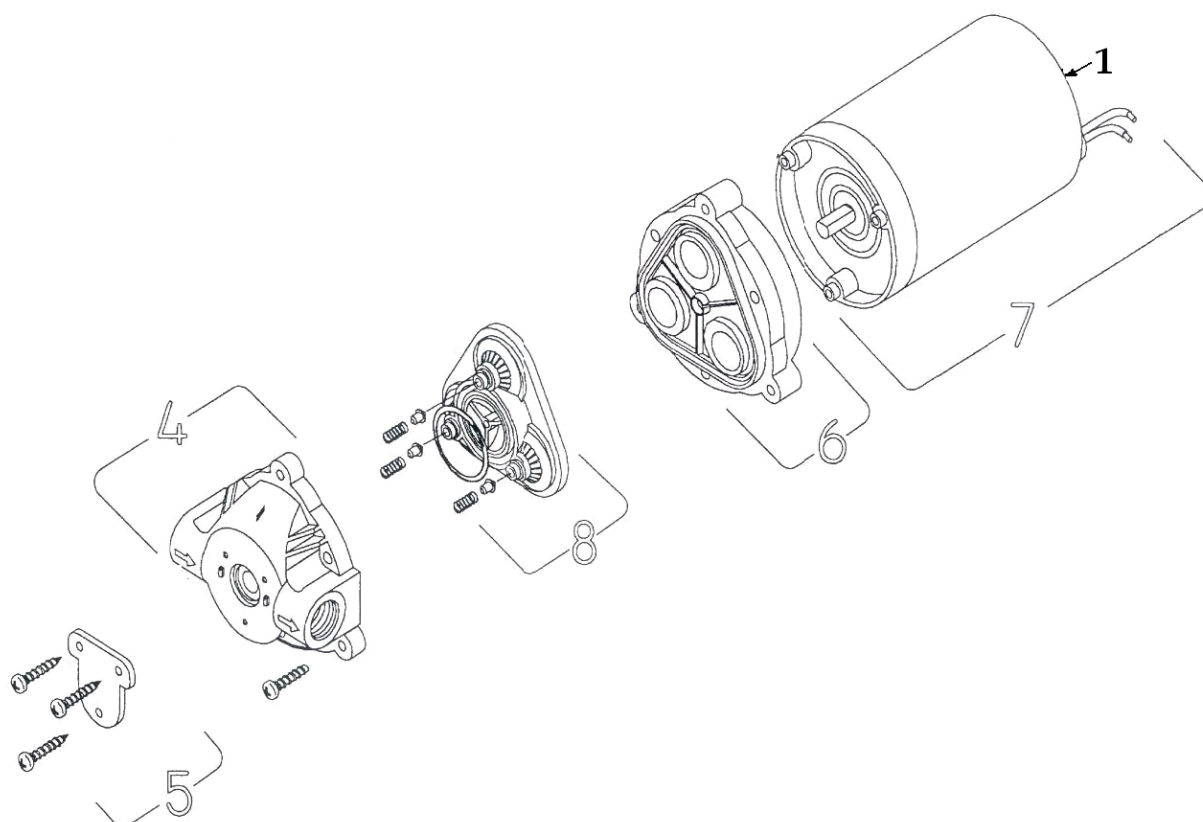
Ref	Part Number	description
1	15 6172	Ball valve 90° 1/8
2	15 6053A	Swivel elbow R31 FOR 6/8 PIPE
3	15 72232	"T" COUPLING FFM A13 1/8
4	15 6052A	Swivel elbow R31 FOR D.4 PIPE
5	15 6831	COUPLING FM A5Z 1/4 -1/8
6	15 6936	Hose 4/2,5 L=33cm
7	15 6052A	Swivel elbow R31 FOR D.4 PIPE
8	15 90452	DEMA chemical injector 1/8 – 1/8
9	15 90453-03	BUSHING 03 TYPE FOR DEMA INJECTOR
10	15 714	PTC COUPLING F. ATT. F. R2 8 – 1/8
11	15 698	PTC COUPLING M. ATT. M. R6 8 – 1/8
12	15 722.1	"T" COUPLING FFF A11 1/8
13	15 6053A	Swivel elbow R31 FOR 6/8 PIPE
14	15 7491	Restrictor
15	15 74061	RILSAN hose 6/8 L=260mm
16	15 90453-04	BUSHING 04 TYPE FOR DEMA INJECTOR
17	15 749	NIPPLE A2 1/4 - 1/8
18	15 72211	"T" COUPLING FFF A11 1/4
19	15 687-PE	QUICK DISCONNECT F. ATT. M. 1/4
20	15 344-L80-INN	Pressure hose 6x14 L=380mm M. 1/4 + M. 1/4
21	15 689-PE	QUICK DISCONNECT M. ATT.F.1/4 (14) PARKER
26	80 20946	Chemical cap 90 degree elbow
28	15 73522	Poly tube 6/8 L=50cm
29	15 6160.2	SPRING FOR 6/8 Poly tube
30	15 616	COUPLING C1 8/6 1/8
31	15 6171	VALVE FF 1/8
32	15 626	ELBOW COUPLING – MF A10 1/8 – 1/8
33	15 616	COUPLING C1 8/6 1/8
34	15 73522	Poly tube 6/8 L=50cm
35	15 4723	LOCKING PLATE
36	15 5741	SCREW 6x16 Zn
37	15 562A	LOCKING NUT DIAM. 6 Zn
38	15 53625	STAINLESS STEEL SCREW TC+ 4x25
39	15 529	STAINLESS STEEL WASHER 4x16
40	15 6072	PIN FOR SMARTKIT BUSHING CLEANING
41	15 562R	NUT DIAM.6 MA Zn WITH WASHER
42	15 57650	SCREW 6x50 INOX
43	15 4920	CHEMICAL TANK HOLDER
44	15 4918	Housing
45	15 719	NOZZLE 02/80 (FOR USING SMAKRTKIT WITH HAND TOOL)
46	15 730	NOZZLE 0.15/110 (FOR USING SMARTKIT WITH 3 NOZZLES WAND)

SOLUTION VALVE 3200C-M / 3200H-M



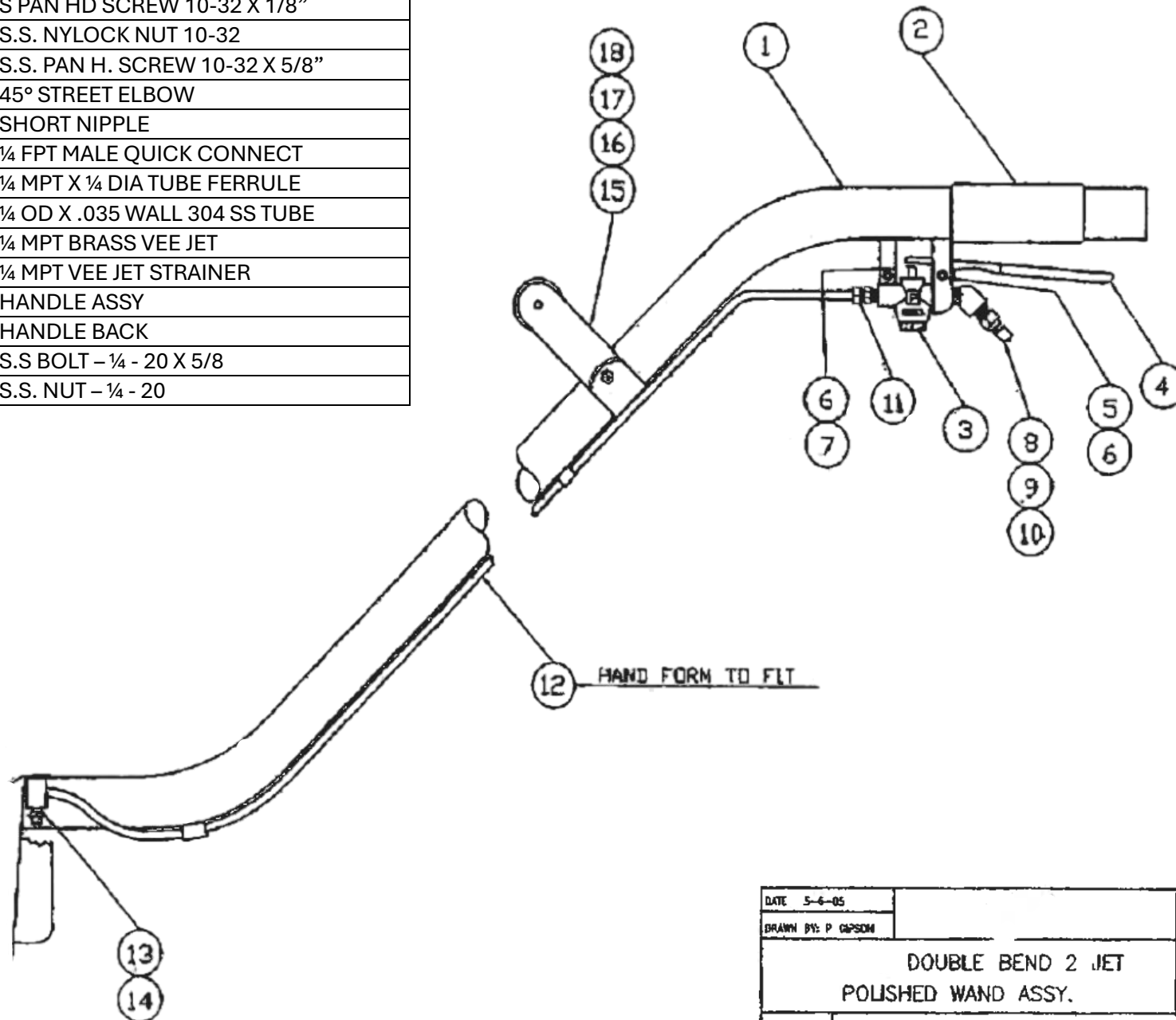
Ref	Code	Description
1	15750	COUPLING D.8 – M. ¼
1A	15764	COUPLING M. ¼ – M. ¼
2	153201	PLASTIC BODY FOR SOLUTION VALVE
3	1573501C	HIGH PRESSURE HOSE M. ¼ - ¼
5	15689-PE	MALE QUICK DISCONNECT – F. ¼" THREAD – METAL
6	153207	SPRING FOR SOLUTION VALVE
7	1532010	O-RING
8	153204	SOLUTION VALVE SHUTTER
9	153209	O-RING 7,66 x 1,78
10	153208	LOWER O-RING FOR SHUTTER
11	153203	SEAT FOR SHUTTER
12	153206	SCREW M. FOR SOLUTION VALVE
13	153205	SCREW F. FOR SOLUTION VALVE
14	153202	SOLUTION VALVE LEVER
	153200C-M	ITEMS 1 + FROM 2 TO 14, ASSEMBLED
	153200H-M	ITEMS 1A+FROM 2 TO 14, ASSEMBLED

SHURFLO PUMP 15644 (110V)



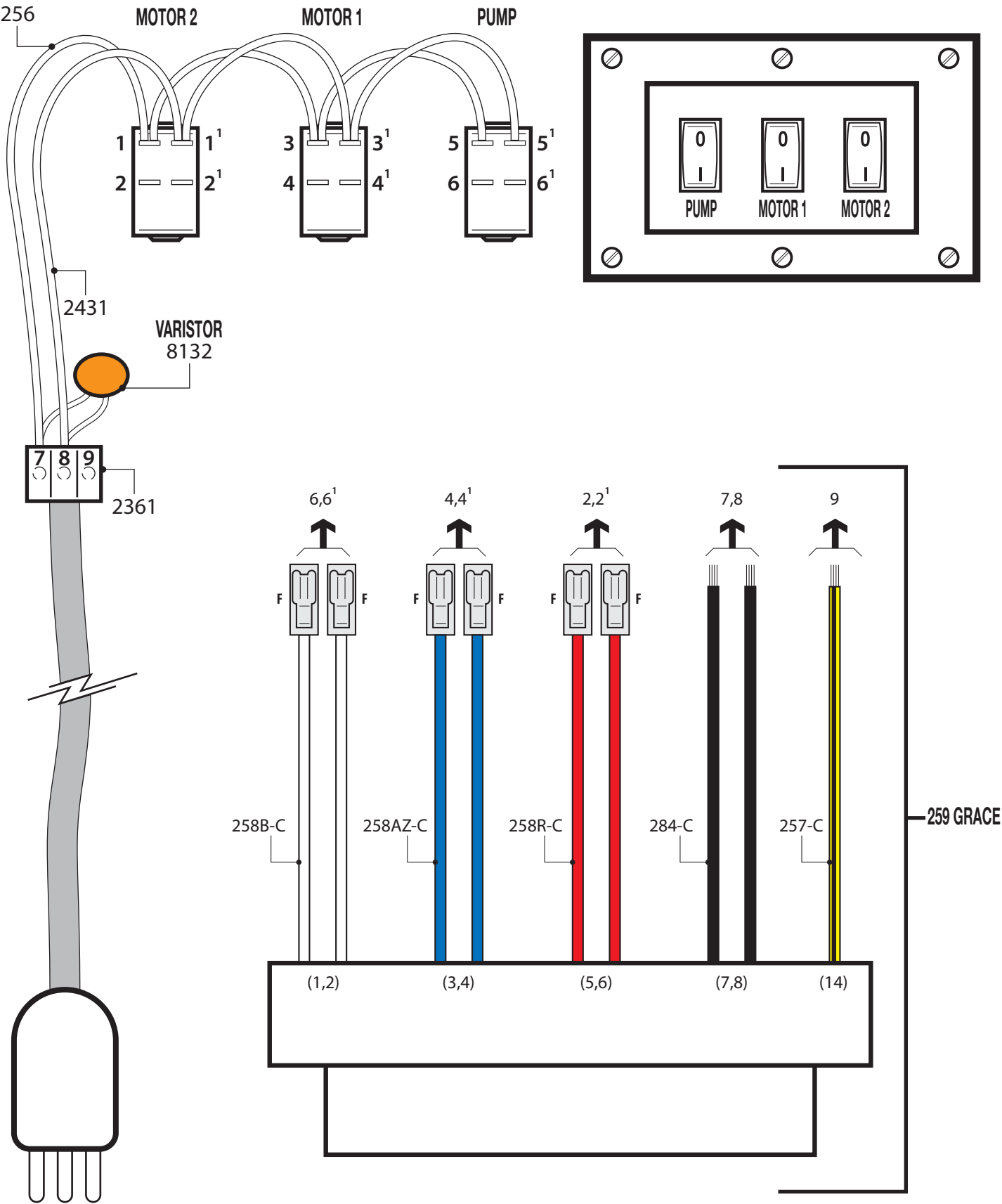
Pos.	Codex	Description
5	15644.5	Plate
4	15644.1	Upper housing 15644.1
8	15644.2	Bypass valve assembly 15644.2
6	15644.3	Diaphragm 15644.3
6+8+4+5	15644.H	Complete head
7	15644.4	Complete motor with carbon brushes 15644.4

ITEM	QTY	PART#	DESCRIPTION
1	1	16801-00	DOUBLE BEND 2 JET POLISHED WAND
2	1	AC15-00	1 1/2" X 4 BLACK VINYL GRIP
3	1	V2P-00	VALVE ASSY
4	1	AC64V2P-00	LEVER MODIFIED
5	1	N/A	S PAN HD SCREW 10-32 X 1/8"
6	2	N/A	S.S. NYLOCK NUT 10-32
7	1	N/A	S.S. PAN H. SCREW 10-32 X 5/8"
8	1	H24-00	45° STREET ELBOW
9	1	H13-00	SHORT NIPPLE
10	1	QD40-00	1/4 FPT MALE QUICK CONNECT
11	1	CFT9-00	1/4 MPT X 1/4 DIA TUBE FERRULE
12	1	SSL-00	1/4 OD X .035 WALL 304 SS TUBE
13	2	H50-8003-00	1/4 MPT BRASS VEE JET
14	1	H44-00	1/4 MPT VEE JET STRAINER
15	1	AC11-00	HANDLE ASSY
16	1	089005-00	HANDLE BACK
17	2	N/A	S.S BOLT - 1/4 - 20 X 5/8
18	2	N/A	S.S. NUT - 1/4 - 20

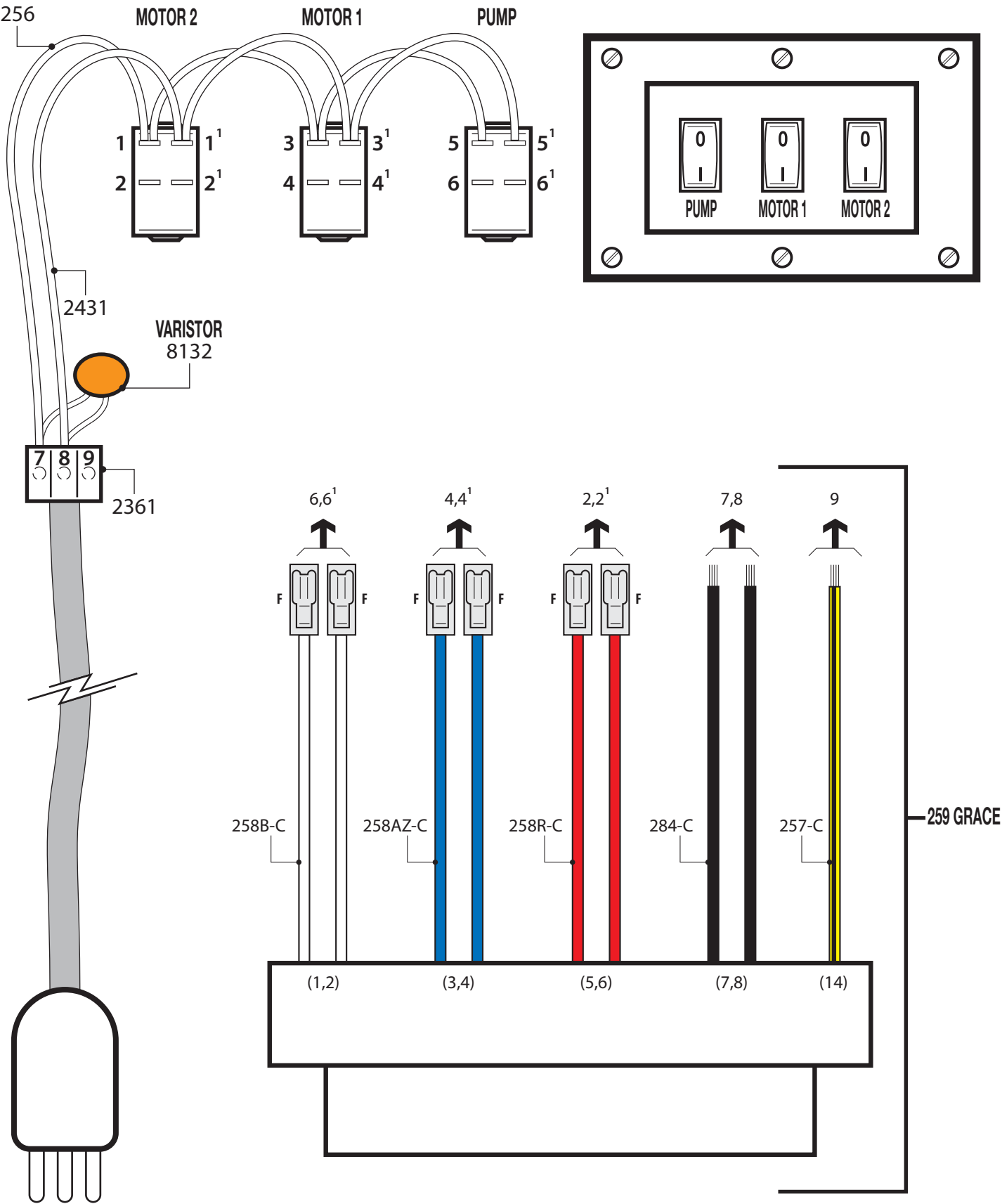


DATE 5-6-05	
DRAWN BY: P. CAPSON	
DOUBLE BEND 2 JET POLISHED WAND ASSY.	
SCALE 1:1	oz. PAGE 134

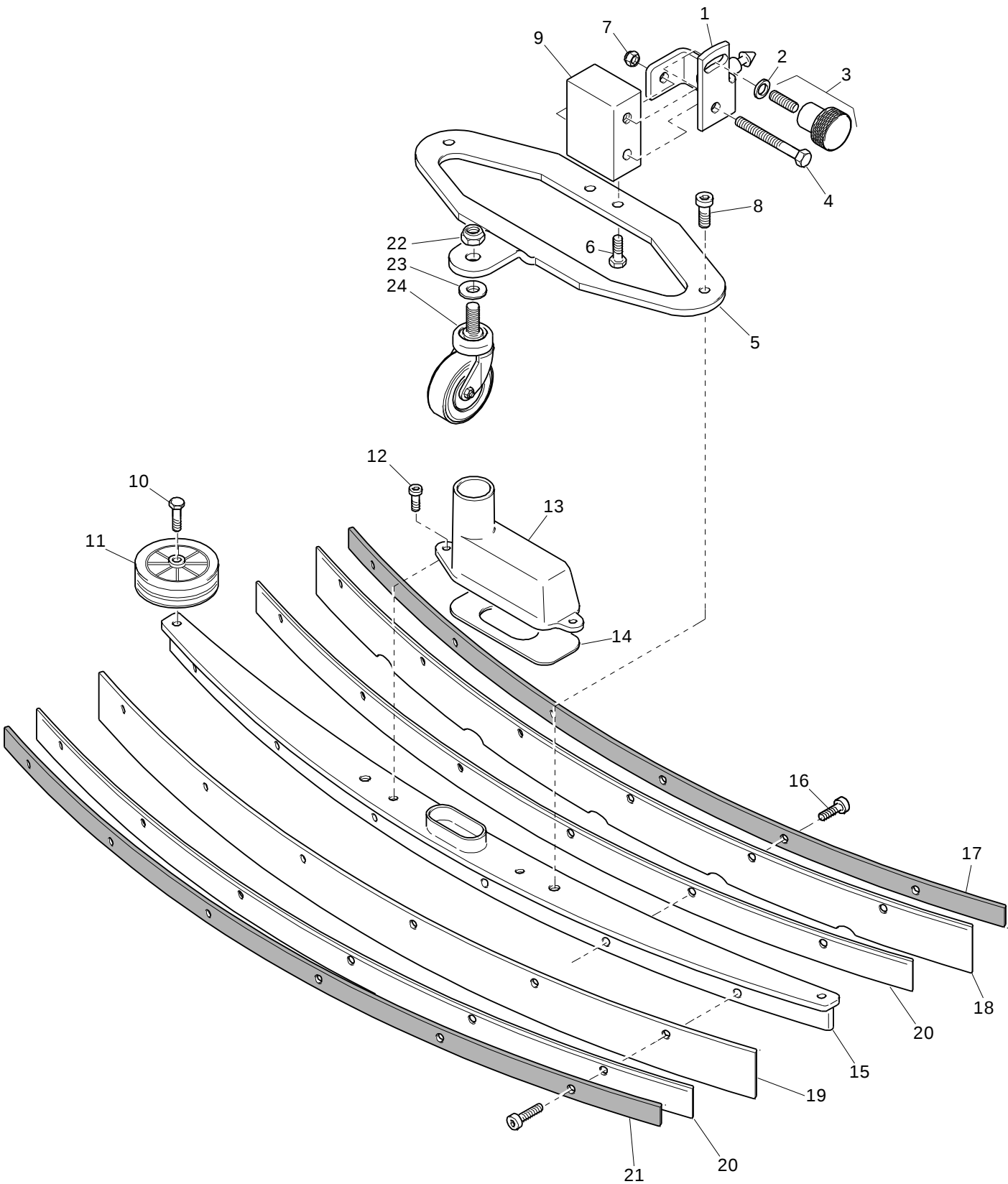
Electrical sketch of TP18DX UPPER TANK



Electrical sketch of TP18DX UPPER TANK



18270E Hard Floor Squeegee



18270E Hard Floor Squeegee

Ref	Part Number	Description
1	154717	FORK WITH STUD FOR SQUEEGEE
2	15540	BRASS WASHER 10x20x0.8
3	154713SQ	KNOB + STUD (4713+5815)
	154713	KNOB
	155815	DOWEL 10x50
4	15596	SCREW TE 8x70
5	1547191	SUPPORT PLATE FOR ELITE SQUEEGEE
6	15583	SCREW TE 8x20
7	15568A	LOCKING NUT DIAM.8 Zn
8	15576	SCREW TE 10x16
9	154718	BLOCK FOR SQUEEGEE ANGLE TUNING
10	15567	SCREW TE 8x40
11	15426N	LATERAL WHEEL DIAM.80
12	15574	SCREW TC BRUGOLA 6x14
13	15481	DRAIN TRAP FOR ELITE SQUEEGEE
14	15482	GASKET FOR DRAIN-TRAP
15	15480	ALUMINUM HEAD FOR ELITE SQUEEGEE
16	15574	SCREW TC BRUGOLA 6x14
17	154801	PLATE FOR FIXING FRONT RUBBER BLADE
18	154802	FRONT TRANSPARENT RUBBER FOR SQ720E
19	154803	RUBBER BLADE FOR SQ720E
20	154804	REINFORCE FOR RUBBER BLADE FOR SQ720E
21	154805	PLATE FOR FIXING REAR RUBBER BLADE
22	15568A	LOCKING NUT DIAM. 8 Zn
23	15594	WASHER 8x24x2 Zn
24	151152	WHEEL DIAM. 50, 8x20