



Electronic Service Manuals

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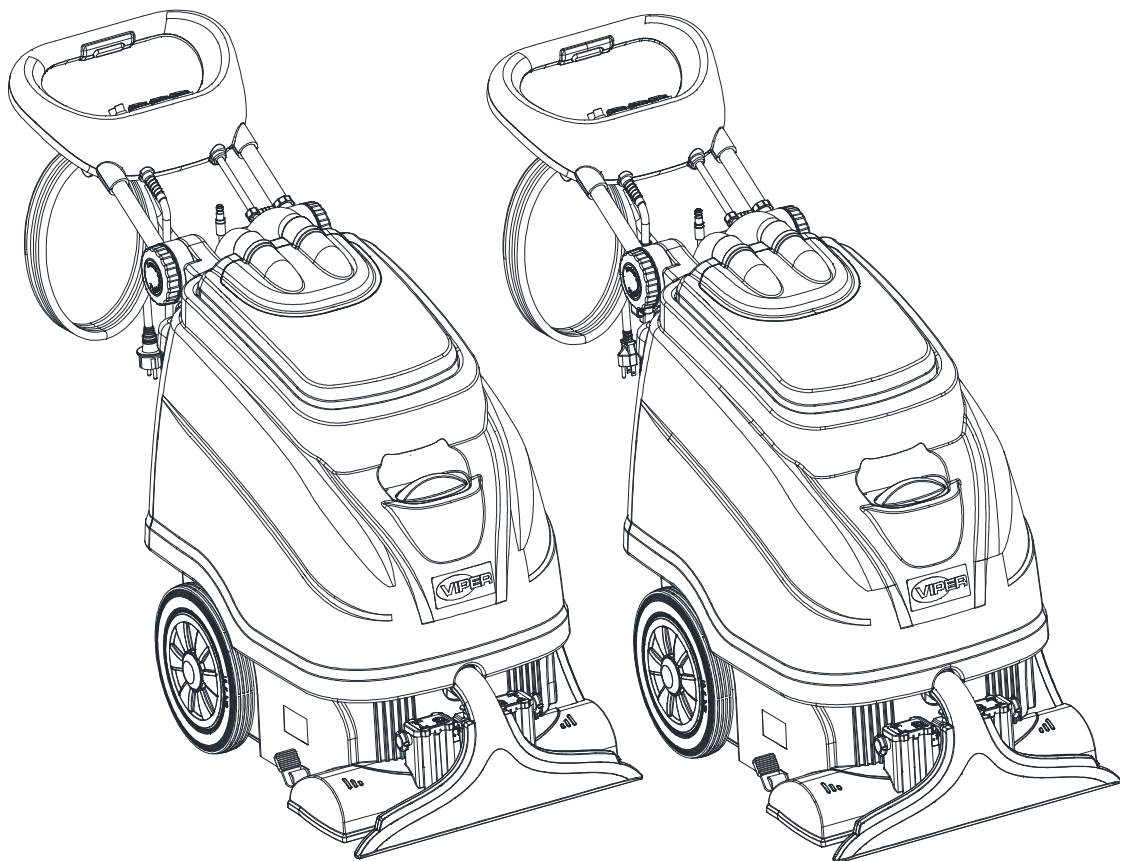
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CEX410-EU/US/CN 16 INCH /406mm

CARPET EXTRACTOR PART LISTS



Rev.A 2018.05.04



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WHEN ORDERING PARTS

*Use the part numbers from the "Part. No." columns in this parts list.

*Specify the model and serial number of the machine.

*Use the space below to record the model and serial number for future reference.

Model

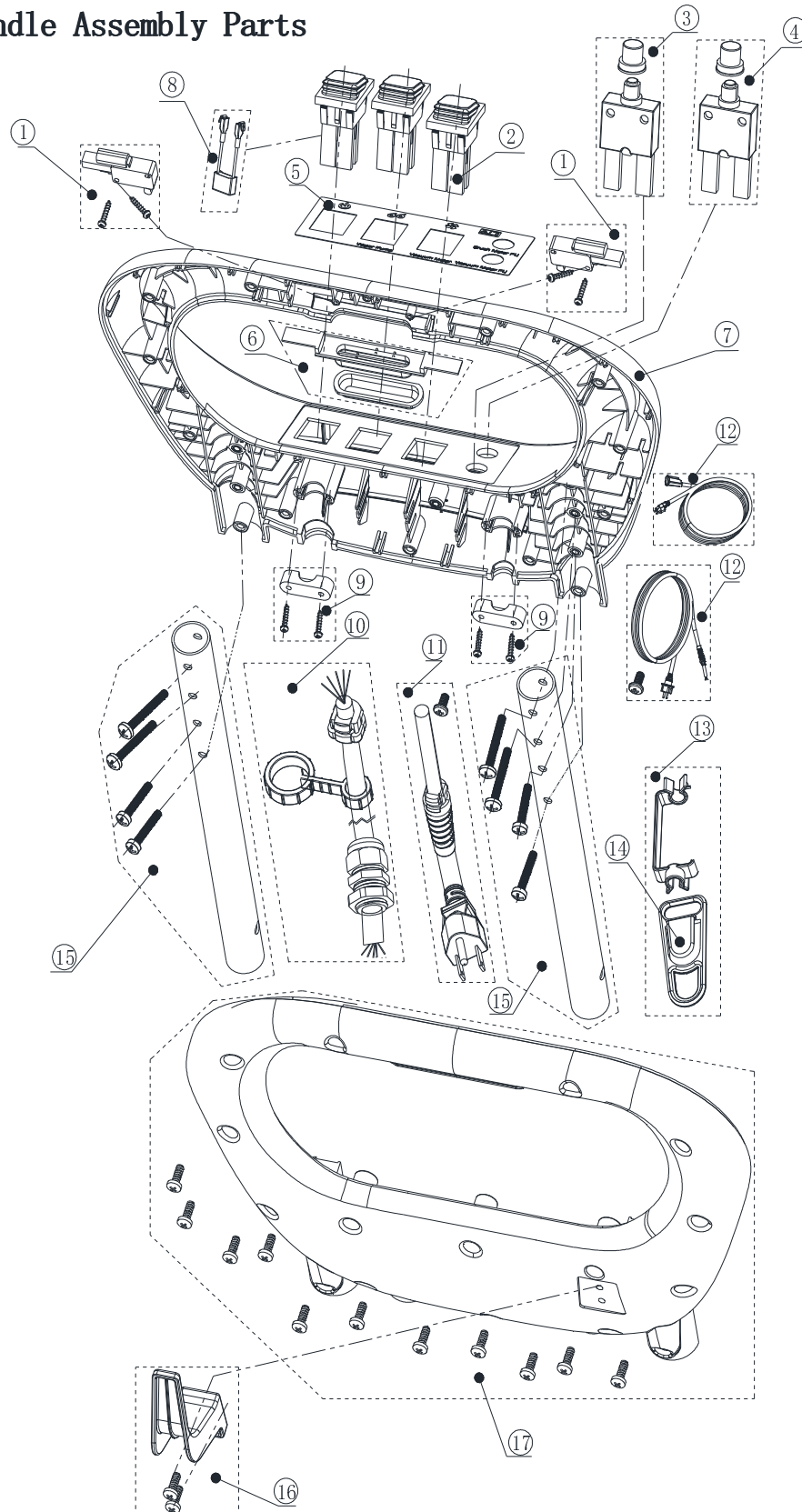
Serial No.

* = Optional

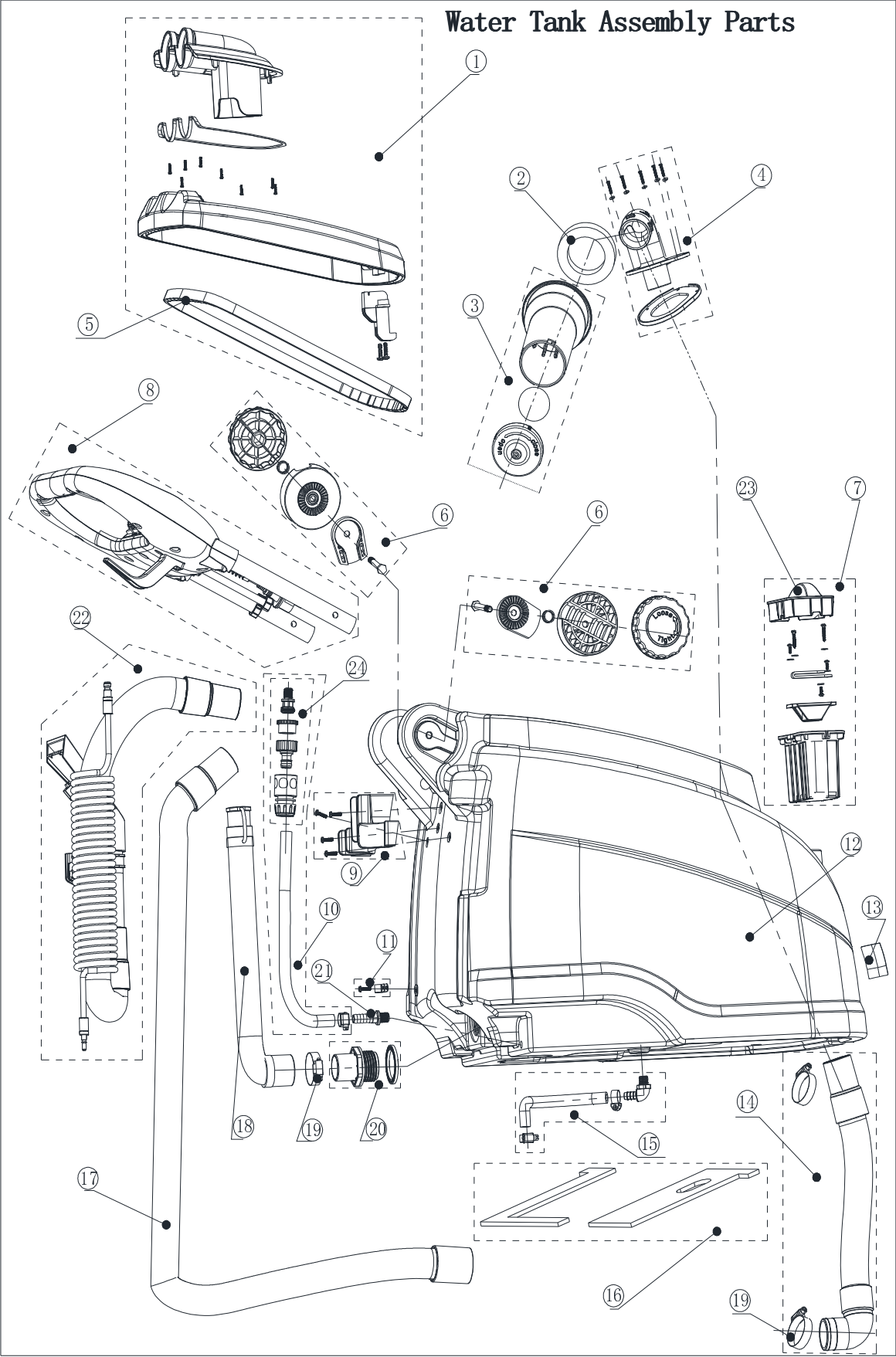
= Modified item No. or New item No.

[] = Not shown

Handle Assembly Parts

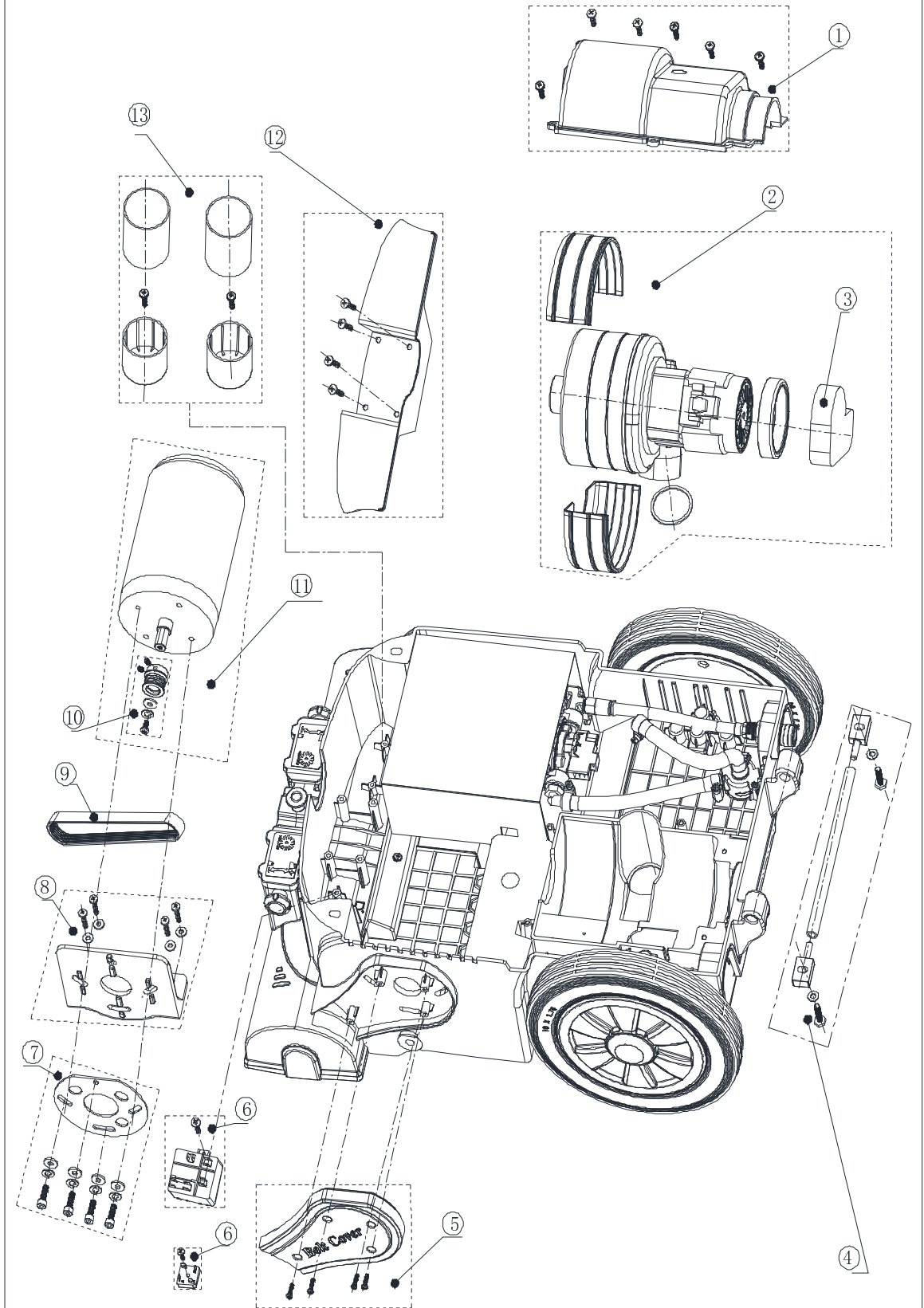


Handle Assembly Parts			
ITEM	PART NUMBER	DESCRIPTION	QTY.
1	VV81063	Micro switch for roller brush and pump Kit	2
2	VA81940	Rocker power switch	3
3	VV81065	12A Circuit breaker US	1
	VV81064	6A Circuit breaker EU	1
4	VV81064	6A Circuit breaker US	1
	VV81342	4A Circuit breaker EU	1
5	VV81201	Control panel label	1
6	VV81066	Plastic button kit	1
7	VV81101	Handle front cover	1
8	VA80705	Emc capacitor kit	1
9	VV81074	Wire clip kit	1
10	VV81069	Main cable kit	1
11	VV81070	US pig tail cord kit	1
12	VV81428-1	15m EU cord kit	1
	VV67116	US extension cord 50 feet	1
	VV81430-1	15m CN cord kit	1
13	VV81071	Power cord connection plate kit US	1
14	56382008	Belt clips EU CN	1
15	VV81072	Handle iron pipe kit	2
16	VV81073	Cord hook kit	1
17	VV81067	Hand rear cover kit	1



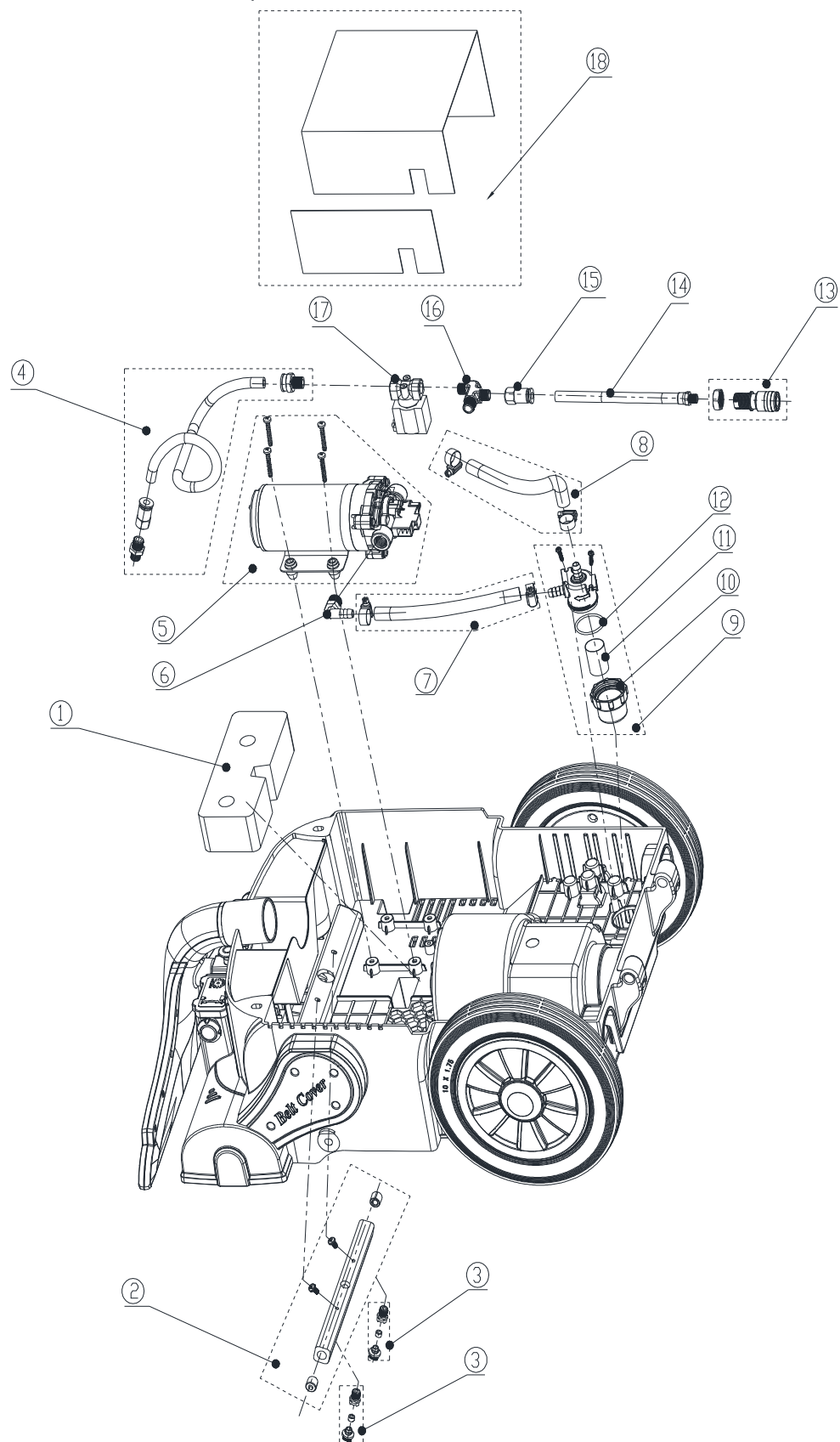
Water Tank Assembly Parts			
ITEM	PART NUMBER	DESCRIPTION	QTY.
1	VV81054	Recovery tank lid kit	1
2	VV81210	Float ball Cage filter sponge	1
3	VV81075	Float ball cage kit	1
4	VV81076	Float mounting bracket kit	1
5	VV81022	Recovery tank lid gasket	1
6	VV81077	Handle adjusting parts kit	2
7	VV81078	Solution tank lid kit	1
8	VV81051	US version handle assembly kit	1
	VV81048	EU version handle assembly kit	1
	VV81050	CN version handle assembly kit	1
9	VV81079	Hose clip kit	1
10	VV81080	Solution tank water level hose kit	1
11	VV81081	Main cord sleeve kit	1
12	VV81141	Water tank	1
13	VV81014	Viper logo Label	1
14	VV81324	Exhaust Hose kit	1
15	VV81326	PVC hose with spring kit	1
16	VA82183	Water tank EVA sealing mat kit	1
17	VV81158	Vacuum hose	1
18	VV81159	Drain hose	1
19	VA20304	CLAMP,HOSE 7/4"	3
20	VV81082	Drain hose connector kit	1
21	VF85105	Water level hose connector	1
22	VV81250	Handle tool kit(Optional part)	1
23	VV81116	Solution lid	1
24	VV81352	Plastic quick connector kit	1

Bottom Base Assembly Parts 1



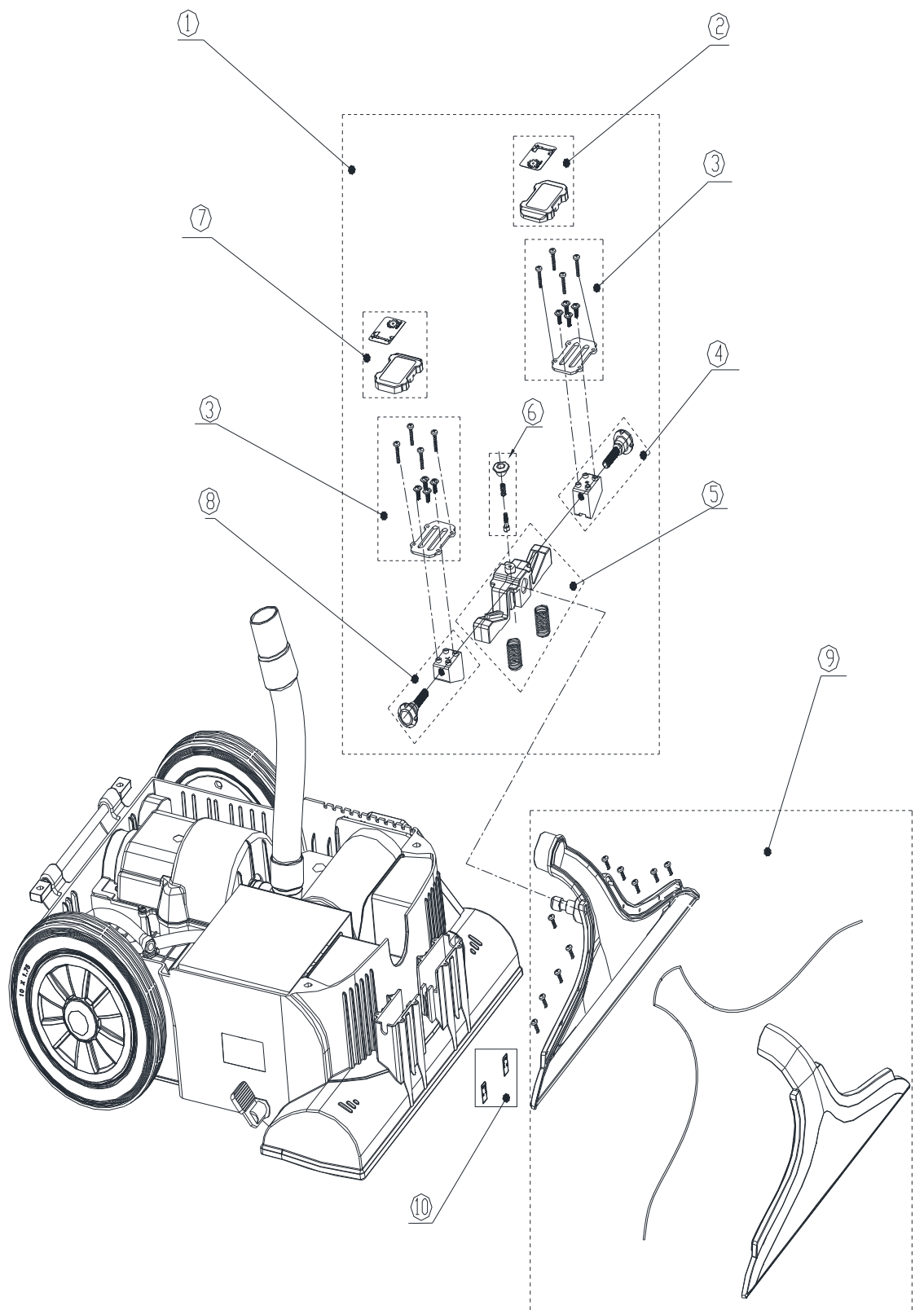
Bottom Base Assembly Parts 1			
ITEM	PART NUMBER	DESCRIPTION	QTY.
1	VV81083	Vacuum motor cover kit	1
2	VV81327	120V vacuum motor kit	1
	VV81328	220~240 vacuum motor kit	1
3	VV81215	Motor suction gate sponge	1
4	VV81085	Water tank rotation shaft kit	1
5	VV81086	Belt cover kit	1
6	VV81330	US Rectifier kit	1
	VV81329	EU Rectifier kit	1
7	VV81088	Brush motor attachment kit	1
8	VV81089	Brush mounting base kit	1
9	VV81042	V belt	1
10	VV81090	Main Sheave kit	1
11	VV81331	120V brush motor kit	1
	VV81332	230~240V brush motor kit	1
12	VV81091	Waterproof baffle kit	1
13	VV81321	Capacity holder kit EU	1

Bottom Base Assembly Parts 2



Bottom Base Assembly Parts 2			
ITEM	PART NUMBER	DESCRIPTION	QTY.
1	VV81214	Sponge for exhaust hose	1
2	VV81100	Spray tube kit	1
3	VV81099	Spray nozzle kit	2
4	VV81335	Hi pressure water hose kit	1
5	VV81336	120V pump kit	1
	VV81337	230V~240V pump kit	1
6	VV81229	90 degree plastic connector	1
7	VV81338	Low pressure PVC hose kit	1
8	VV81339	Water hose with spring kit	1
9	VV81302	Solution filter kit	1
10	VF90603	Filter lid	1
11	VF90608	Filter	1
12	VF90607	O gasket ring	1
13	VV81303	Female quick connector kit	1
14	VV81224	Water hose with connector kit	1
15	VV81220	1/4"NPT quick connector	1
16	VA82108	Three-way connector	1
17	VV81427	120V solution solenoid	1
	VV81426	230V solution solenoid	1
18	VV81304	Pump water proof parts kit	1

Bottom Base Assembly Parts 3



Bottom Base Assembly Parts 3			
ITEM	PART NUMBER	DESCRIPTION	QTY.
1	VV81333	Vacuum shoe holder kit	1
2	VV81093	Right adjusting cover kit	1
3	VV81094	Adjusting pressing plate kit	2
4	VV81095	Right adjusting rotary knob kit	1
5	VV81343	Vacuum shoe bracket kit	1
6	VV81096	Vacuum shoe releasing knob kit	1
7	VV81097	Left adjusting cover kit	1
8	VV81098	Left adjusting rotary knob kit	1
9	VV81249	Vacuum shoe kit	1
10	VV81334	Scale label kit	1

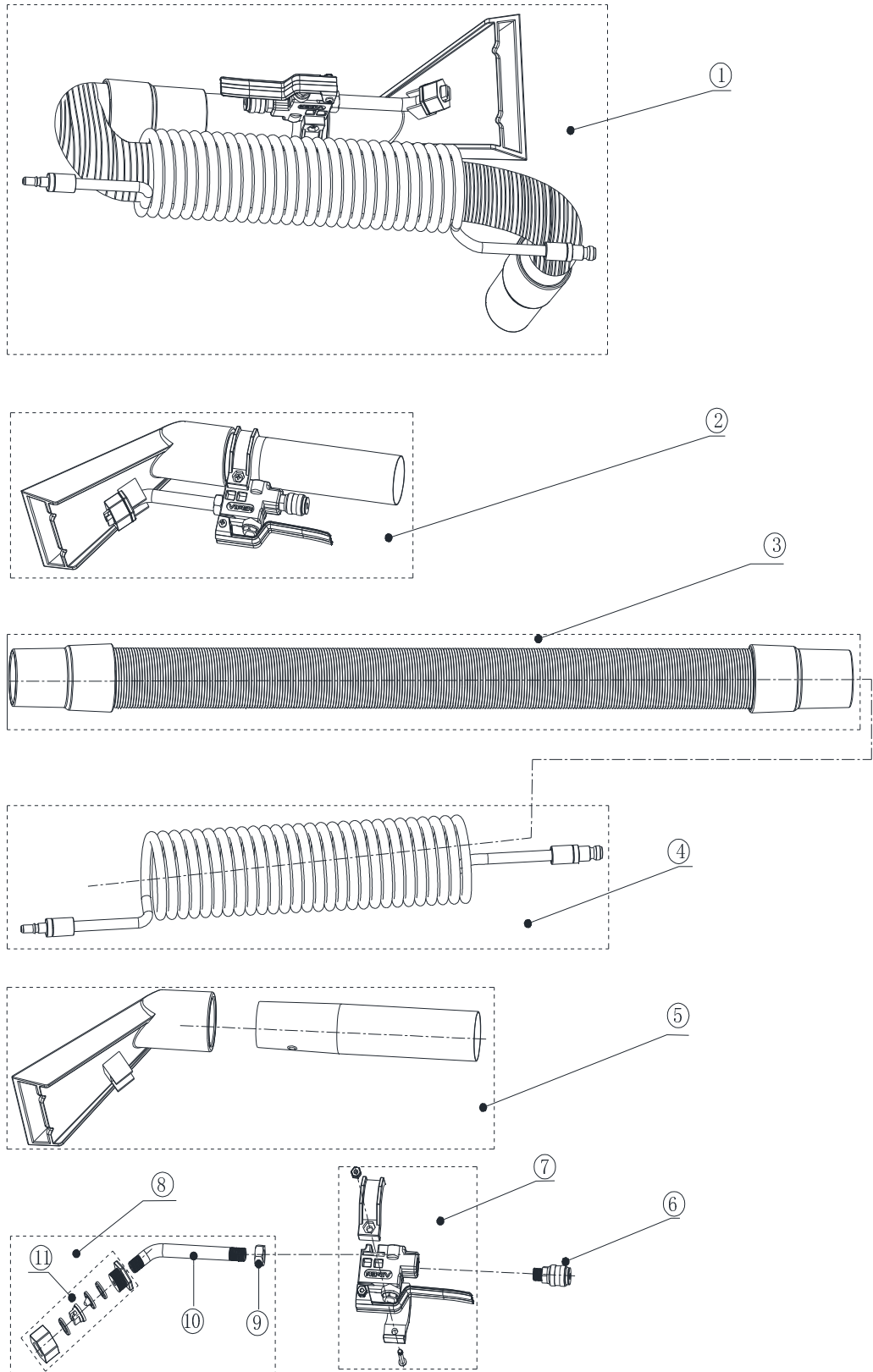
This exploded view diagram illustrates the assembly of a mechanical device, likely a portable engine or generator. The components are numbered 1 through 14:

- 1:** A collection of screws for the top cover.
- 2:** A long shaft with a series of small, evenly spaced protrusions or teeth along its length.
- 3:** A small pin or bolt used to secure the shaft.
- 4:** A bracket or support arm with mounting holes.
- 5:** A long, thin rod or pin.
- 6:** Two long, thin rods or pins, likely for the side supports.
- 7:** Two small pins or bolts.
- 8:** A small rectangular plate or bracket.
- 9:** A large, curved component, possibly a flywheel or a protective guard.
- 10:** The main body or housing of the device, showing internal mounting points.
- 11:** A small circular component, possibly a pulley or a bearing.
- 12:** A large, L-shaped bracket or support structure.
- 13:** A small bracket or support arm.
- 14:** Two wheels with spokes, mounted on axles.

The diagram shows how these parts fit together to form the complete assembly, with dashed lines indicating the alignment and position of each component.

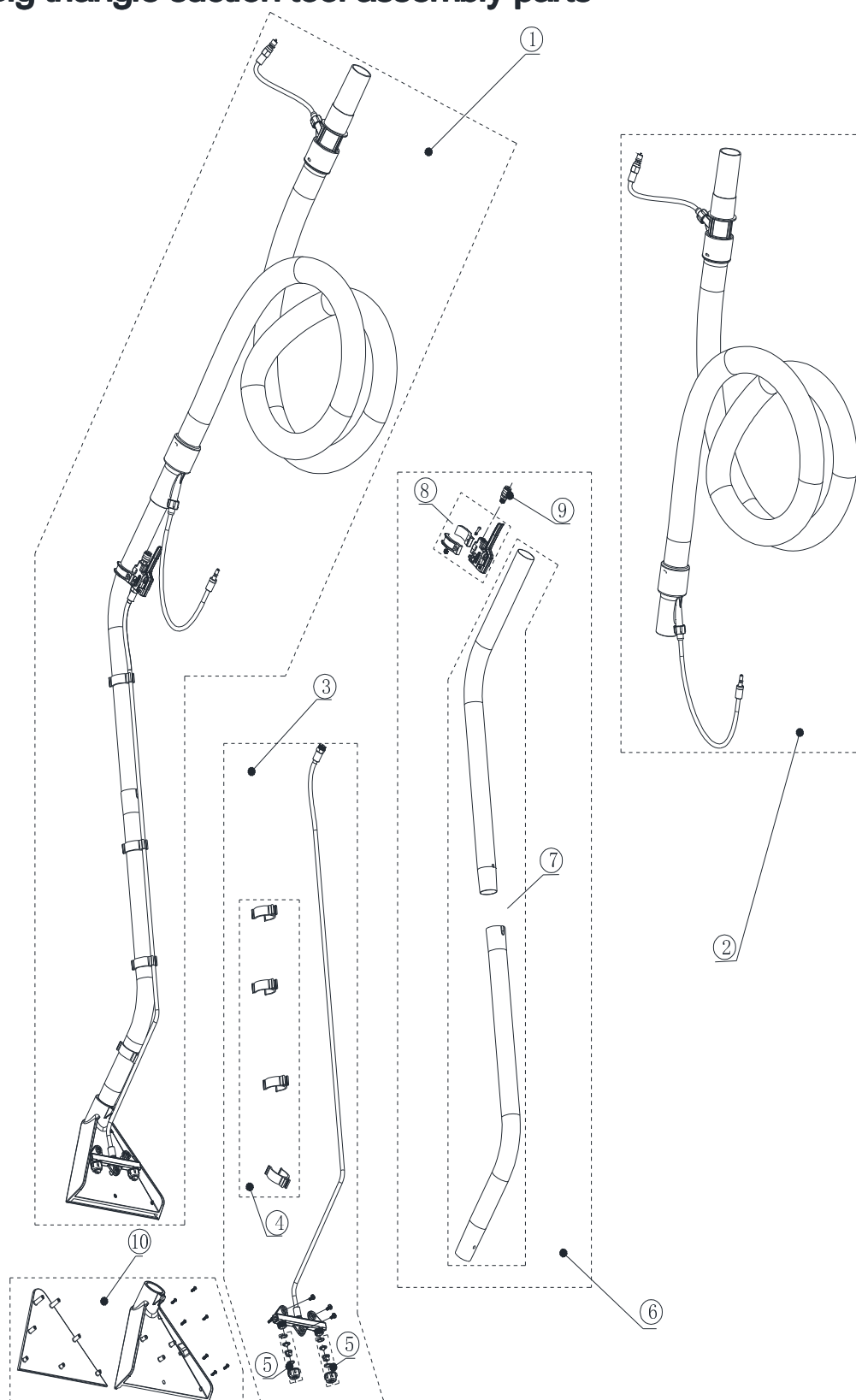
Bottom Base Assembly Parts 4			
ITEM	PART NUMBER	DESCRIPTION	QTY.
1	VV81305	Bellows cover plate kit	1
2	VV81059	Roller brush assembly kit	1
3	VV81340	Roller brush shaft assembly kit	1
4	VV81306	Roller brush mounting clip kit	1
5	VV81348	Storage base kit	1
6	VV81307	Locking water tank screw kit	2
7	VV81310	Storage stand spring kit	2
8	VV81308	Roller brush Cover kit	1
9	VV81135	Foot pedal	1
10	VV81130	Bottom Base	1
11	VV81060	Driven pulley kit	1
12	VV81311	Bottom mute sponge kit	1
13	VV81309	Shaft pressing plate kit	2
14	VV81056	Wheel assembly kit	2

Handle Tool Assembly Parts



Handle Tool Assembly Parts (optional parts)			
ITEM	PART NUMBER	DESCRIPTION	QTY.
1	VV81250	Handle tool kit (Optional part)	1
2	VV81314	Handle tool assembly 1	1
3	VV81161	Handle tool vacuum hose	1
4	VV81252	Handle tool solution hose kit	1
5	VV81347	Hand tool stainless tube and triangle part kit	1
6	VA80924	Female stainless quick connector	1
7	VA81192	Control valve kit	1
8	VV81349	Handle tool spray kit	1
9	VA80895	Bend tube fixing nut	1
10	VA81291	Stainless bent tube of handle tool	1
11	VV81341	Handle tool Spray jet kit	1

Big triangle suction tool assembly parts

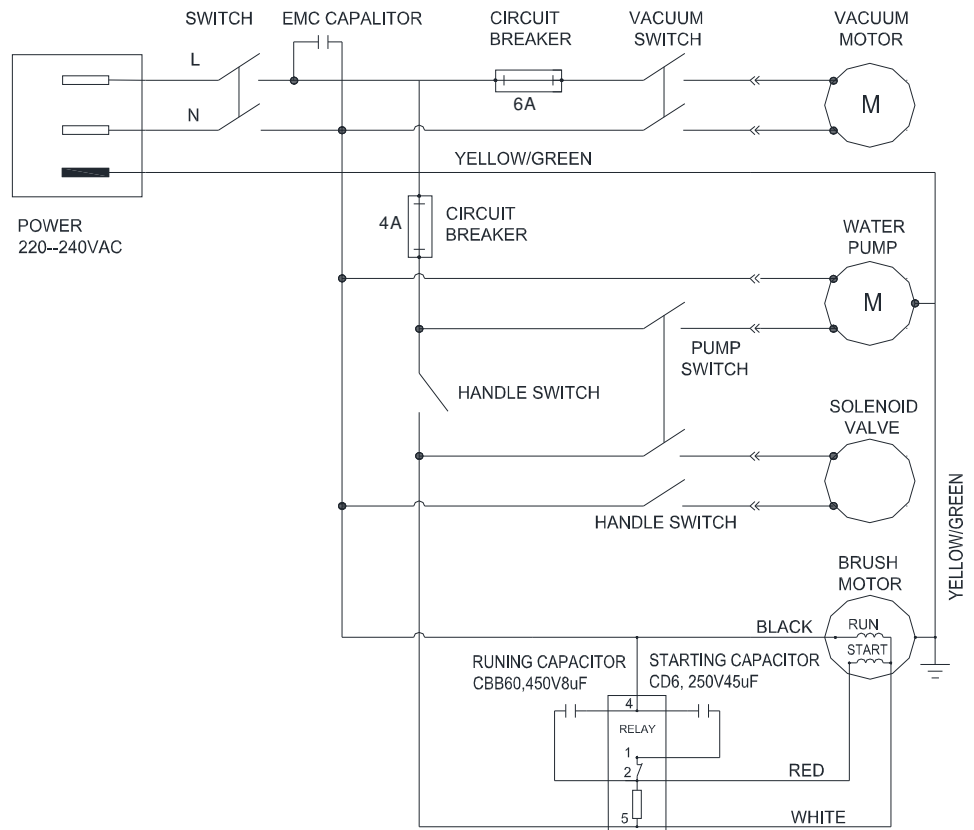


Big triangle suction tool assembly parts (optional parts)			
ITEM	PART NUMBER	DESCRIPTION	QTY.
1	VV81316	Floor tool kit	1
2	VV81317	2.5m floor tool hose kit	1
3	VA81099	Floor tool solution hose kit	1
4	VV81320	Solution clip kit	1
5	VV81318	Spray jet kit of floor tool	2
6	VV81319	Stainless tube and control valve kit	1
7	VA81100	Stainless bend tube kit	1
8	VA81192	Control valve kit	1
9	VA80924	Female stainless quick connector	1
10	VA81102	Floor tool head kit	1

CEX410 Carpet Extractor Wear and Tear Parts			
ITEM	PART NUMBER	DESCRIPTION	QTY.
1	VV81063	Micro switch for roller brush and pump Kit	2
2	VA81940	Rocker power switch	3
3	VV81065	12A Circuit breaker US	1
4	VV81064	6A Circuit breaker EU	1
5	VV81064	6A Circuit breaker US	1
6	VV81342	4A Circuit breaker EU	1
7	VV81428-1	15m EU cord kit	1
8	VV67116	US extension cord 50 feet	1
9	VV81430-1	15m CN cord kit	1
10	VV81070	US version pig tail cord kit	1
11	VV81022	Recovery tank lid gasket	1
12	VV81324	Exhaust Hose kit	1
13	VV81158	Vacuum hose	1
14	VV81159	Drain hose	1
15	VV81080	Solution tank water level hose kit	1

CEX410 Carpet Extractor Wear and Tear Parts			
ITEM	PART NUMBER	DESCRIPTION	QTY.
16	VV81250	Handle tool kit (Optional part)	1
17	VV81331	120V brush motor kit	1
18	VV81332	230~240V brush motor kit	1
19	VV81327	120V vacuum motor kit	1
20	VV81328	230~240 vacuum motor kit	1
21	VV81249	Vacuum shoe kit	1
22	VV81337	230V~240V pump kit	1
23	VV81336	120V pump kit	1
24	VV81099	Spray nozzle kit	2
25	VV81303	Female quick connector kit	1
26	VV81427	120V solution solenoid	1
27	VV81426	230V solution solenoid	1
28	VV81059	Roller brush assembly kit	1
29	VV81056	Wheel assembly kit	1
30	VV81060	Driven pulley kit	1
31	VV81090	Main Sheave kit	1
32	VV81161	Handle tool vacuum hose	1
33	VV81252	Handle tool solution hose kit	1
34	VA80924	Female stainless quick connector	1
35	VA81192	Control valve kit	1
36	VV81341	Handle tool Spray jet kit	1
37	VV81316	Floor tool kit	1
38	VV81317	2.5m floor tool hose kit	1
39	VV81318	Spray jet kit of floor tool	2

CEX410-EU Wiring Diagram



CEX410-US Wiring Diagram

