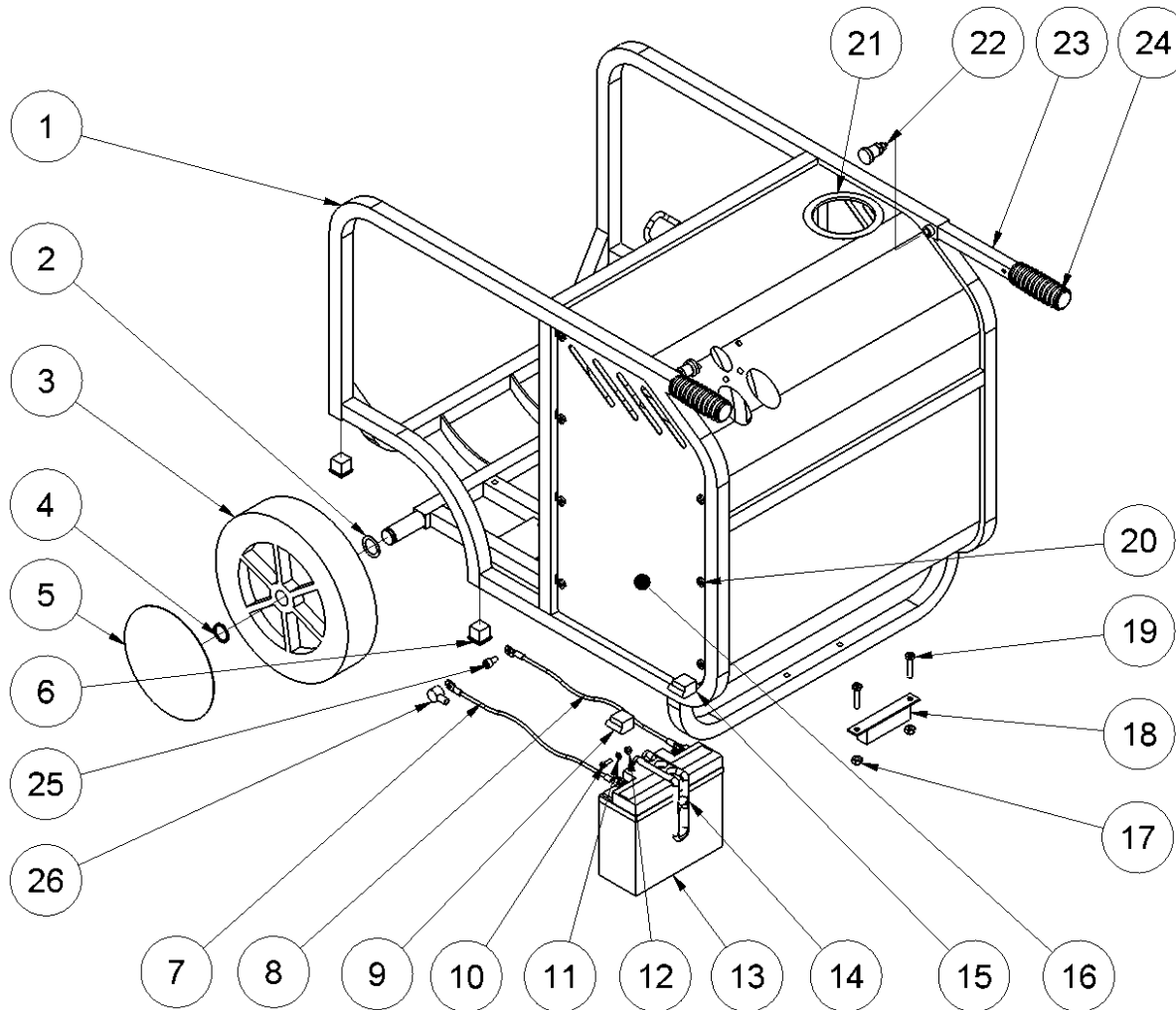


# HPP23V FLEX spare parts list

## From serial number 12234

Fig. 1

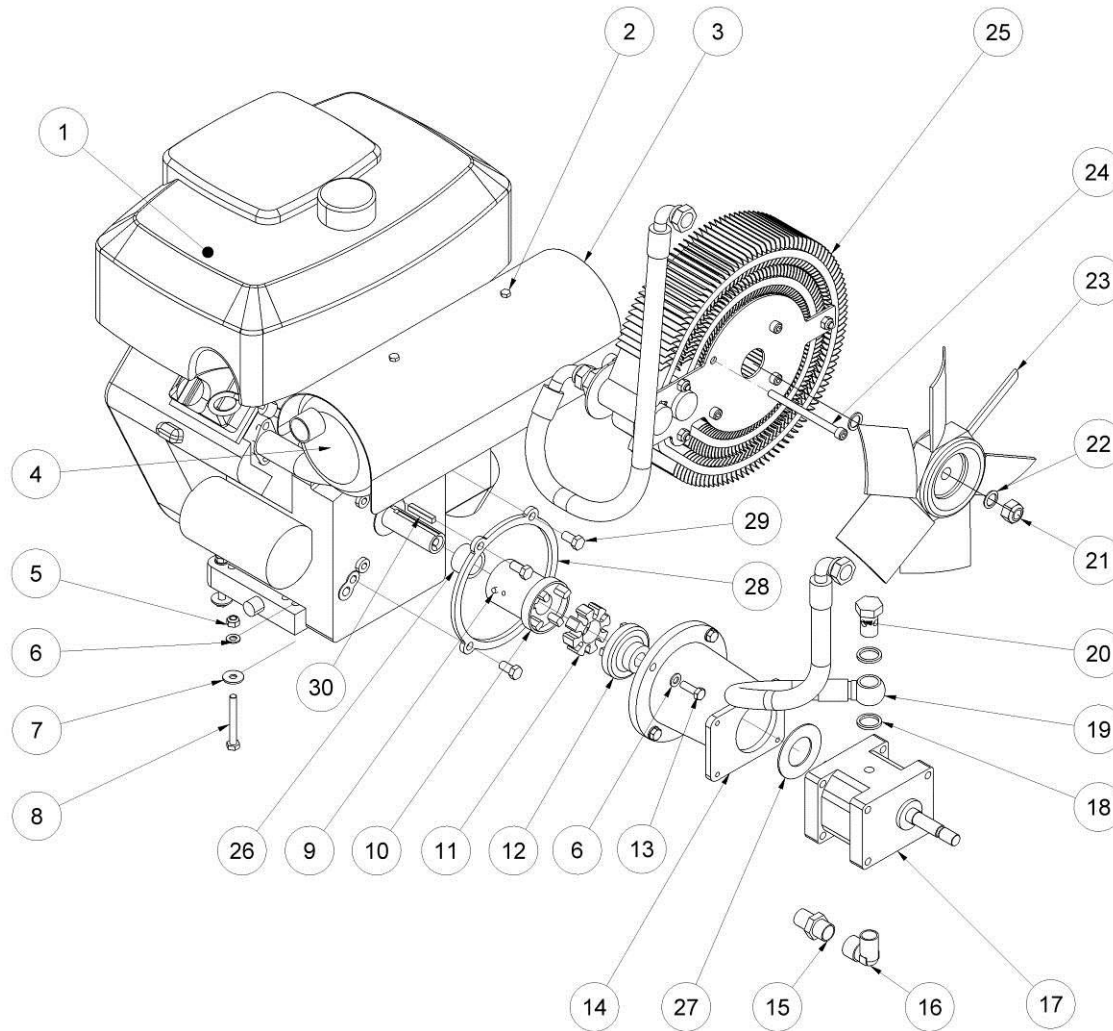


Pos.	Part No.	Description	Pcs.
1	8221186	Chassis complete HPP18	1
2	7621100	Shim ring 25/35/1 mm	2
3	7721139	Wheel HPP13/18	2
4	7621098	Retaining ring 25x2	2
5	7721140	Wheel cover	2
6	7721125	Tube plug 25x25	4
7	9021564	Cable red w/cable terminal	1
8	9021565	Cable black w/cable terminal	1
9	7721196	Cover (battery)	1
10	-	Screw (incl. in 7321194)	2
11	-	Washer (incl. in 7321194)	2
12	-	Nut (incl. in 7321194)	2
13	7321194	Battery 12V/17Amp	1
14	7721198	Rubber strap	1
15	7721195	Cover (battery)	1
16	8221187	Side cover set HPP18	1
17	7621010	Lock nut M8	2
18	8721095	Rubber foot	1
19	7621046	Screw M8x35	2
20	7621042	Screw M8x10	14
21	9021563	Rubber band	1
22	7721197	Bolt <i>Loctite 243</i>	2
23	9022430	Pull-out handle w/rubber grip	2
24	-	Rubber grip (incl. In 9022430)	-
25	7631395	Screw M8x14	1
26	7721950	Cover (battery)	1

# HPP23V FLEX spare parts list

## From serial number 12234

Fig. 2



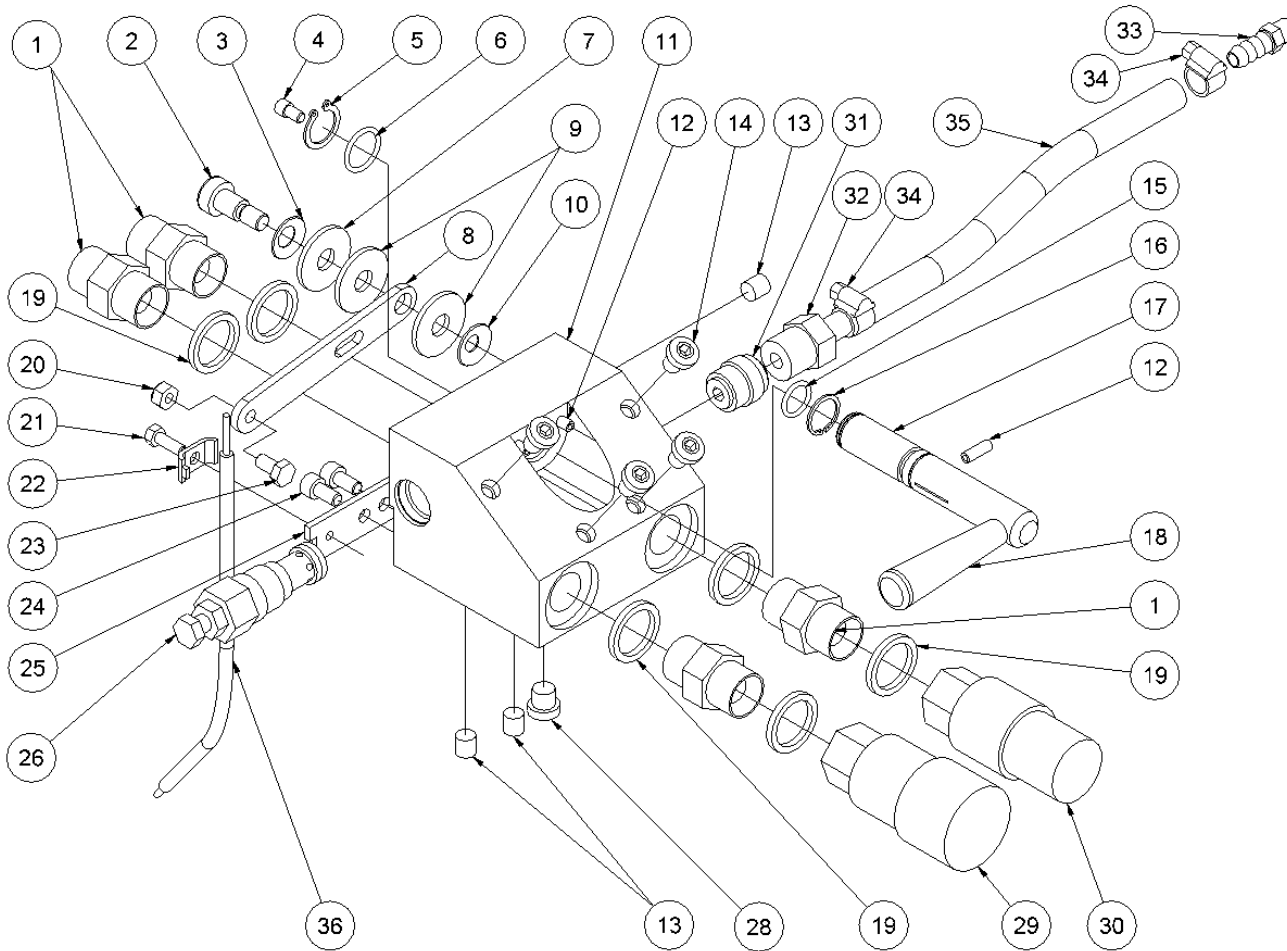
Revised 24.04.2017

Pos.	Part No.	Description	Pcs.
1	7322913	Engine 23 HP Vanguard	1
2	7621040	Screw M6x10	2
3	8221337	Exhaust cover	1
4	7321058	Exhaust	1
5	7621010	Lock nut M8	4
6	7621171	Washer M8	8
7	7621035	Washer M8	4
8	7621048	Screw M8x65	4
9	7621032	Set screw M6x8 <i>Loctite 243 - 5 Nm</i>	1
10	7421066	Coupling engine part	1
11	7421083	Rubber coupling	1
12	7421067	Coupling pump <i>20 Nm</i>	1
13	7621038	Screw 5/16" UNFx25 <i>Loctite 243 - 20 Nm</i>	4
14	9023068	Coupling housing Kit <i>Pos. 14,28,29</i>	1
15	7421080	Hose fitting 3/4"x1/2" <i>Loctite 542</i>	1
16	7421060	Angle nipple 1/2" <i>Loctite 542</i>	1
17	7421624	Pump 14 ccm	1
-	9021667	Seal kit for hydraulic pump	1
18	7521072	Seal ring 1/2"	2
19	8721312	Pressure hose	1
20	7421062	Banjo bolt 1/2" <i>80 Nm</i>	1
21	7621111	Nut M14x1.5 <i>40 Nm</i>	1
22	7621117	Spring washer M14	2
23	8321561	Fan ø280-6	1
24	7621770	Screw M8x120 <i>Loctite 243 - 15 Nm</i>	4
25	2121103	Cooler complete <i>See fig. 6</i>	1
26	8221560	Distance piece	1
27	9922133	Centering washer	1
28	8223051	Guide ring <i>Incl. in 9023068</i>	1
29	9931540	Screw <i>Incl. in 9023068</i>	4
30	7621480	Shaft Key	1

# HPP23V FLEX spare parts list

## From serial number 12234

Fig. 3

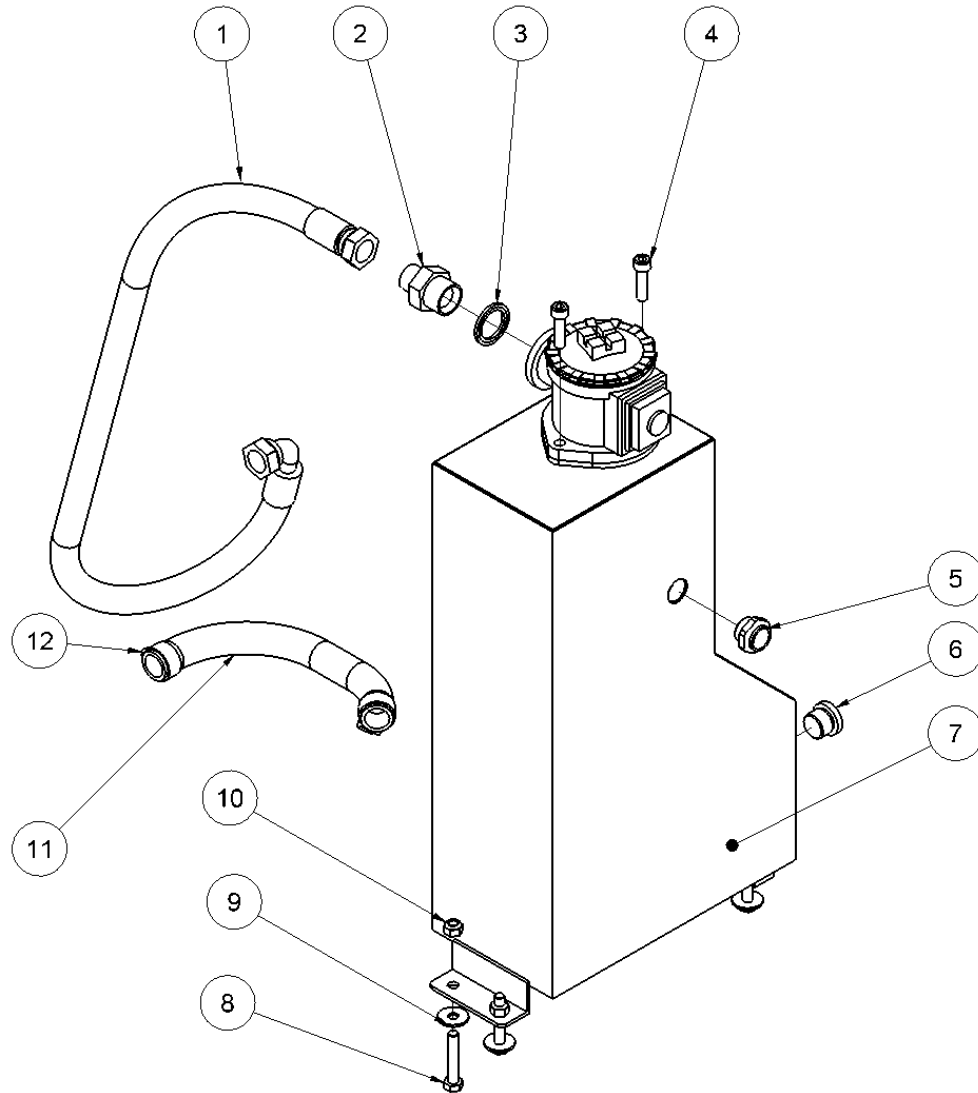


Pos.	Part No.	Description	Pcs.
1	7421063	Fitting 1/2"x1/2" BSP	4
2	7621647	Shoulder bolt $\varnothing 10/M8 \times 12$ <i>Loctite 638 - 20 Nm</i>	1
3	7621648	Disc spring $\varnothing 10.2/\varnothing 20 \times 0.8$	1
4	8621658	Screw M5x8 <i>Loctite 638</i>	1
5	7621606	Retaining ring A17	1
6	7521609	O-ring 17x2 mm	1
7	7621809	Washer 10x30x2	1
8	8221650	Eccentric plate	1
9	7621649	Nylon washer $\varnothing 10.5/30/2.5$	2
10	7621651	Disc spring $\varnothing 8.2/\varnothing 20 \times 1.0$	1
11	8221731	Valve block	1
12	7621050	Roll pin $\varnothing 5 \times 14$	3
13	7621037	Pipe plug 1/8" <i>Loctite 542</i>	3
14	7621044	Screw M8x16	4
15	7521608	O-ring 13x2 mm	1
16	7621607	Retaining ring AV17	1
17	8221605	Spool	1
18	7721094	Lever ON/OFF <i>Loctite 243</i>	1
19	7521072	Seal ring 1/2"	6
20	7621029	Nut M6	1
21	9921656	Screw M5	1
22	9921657	Cable clamp	1
23	8221652	Screw	1
24	7621653	Screw M6x12 <i>Loctite 243</i>	2
25	8221655	Cable plate	1
26	7421587	Pressure relief valve 40 Nm	1
28	7621323	Threaded plug 1/8" w/seal	1
29	7401142	Q.R. coupling 1/2" BSP female	1
30	7401141	Q.R. coupling 1/2" BSP male	1
31	7421733	Check valve	1
32	7421735	Hose fitting 3/8"x1/2" <i>Loctite 542</i>	1
33	7421734	Hose fitting 3/8"x1/8" <i>Loctite 542</i>	1
34	7421740	Hose clip 3/8"	2
35	9021739	Hose 3/8"	1
36	9022063	Throttle cable complete	1
-	2121742	Valve block complete HPP18V	1

# HPP23V FLEX spare parts list

## From serial number 12234

Fig. 4



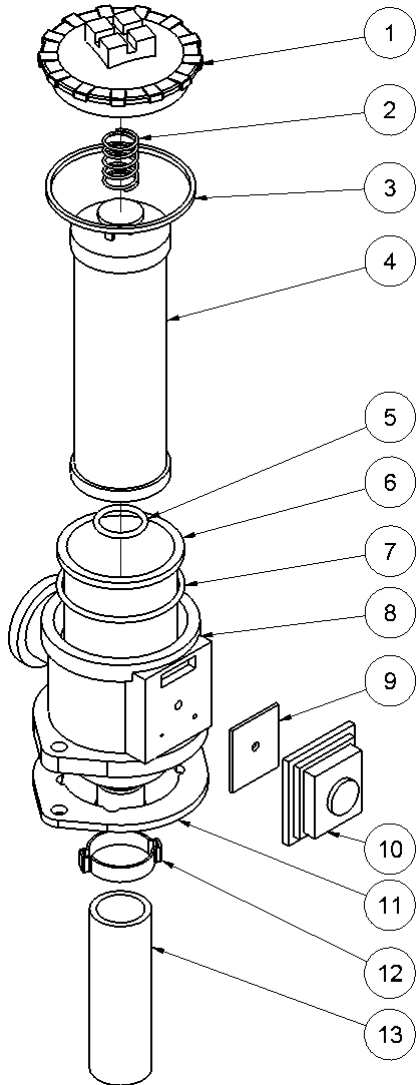
Pos.	Part No.	Description	Pcs.
1	8721583	Cooler pressure hose	1
2	7421582	Fitting 1/2"x3/4"	1
3	7521118	Seal ring 3/4"	1
4	7621045	Screw M8x30 <i>Loctite 243</i>	2
5	7721099	Sight glass 1/2" w/seal	1
6	7621075	Threaded plug 1/2" w/seal	1
7	8221325	Hydraulic tank HPP18	1
8	7621049	Screw M8x45	4
9	7621035	Washer M8	4
10	7621010	Lock nut M8	4
11	9021479	Suction hose	1
12	7421082	Hose clip 3/4"	2

# HPP23V FLEX spare parts list

## From serial number 12234

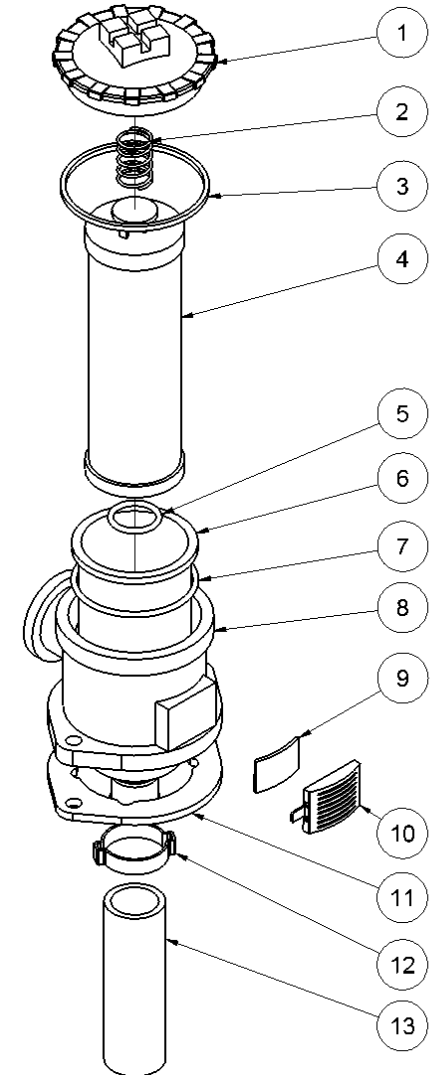
Fig. 5

### NEW TYPE



Pos.	Part No.	Description	Pcs.
1	9421189	Filter cover	1
2	9421193	Filter spring	1
3	9421502	Seal f/filter cover <i>Also included in 9421188</i>	1
4	9421190	Filter element	1
5	-	O-ring $\varnothing 3 \times 22$ <i>Included in 9421188</i>	1
6	-	Filter cup	1
7	-	O-ring $\varnothing 3 \times 60$ <i>Included in 9421188</i>	1
8	-	Filter housing	1
9	9421191	Ventilation filter <i>Old type</i>	1
9	9422041	Ventilation filter <i>New type</i>	1
10	9421192	Cover f/ventilation filter <i>Old type</i>	1
10	9422042	Cover f/ventilation filter <i>New type</i>	1
11	-	Seal <i>Included in 9421188</i>	1
12	7621789	Hose clamp	1
13	9022043	Filter hose	1
-	9421188	Seal kit filter <i>Pos. 3, 5, 7 and 11</i>	1
-	8421092	Filter complete <i>Pos. 1-13</i>	1

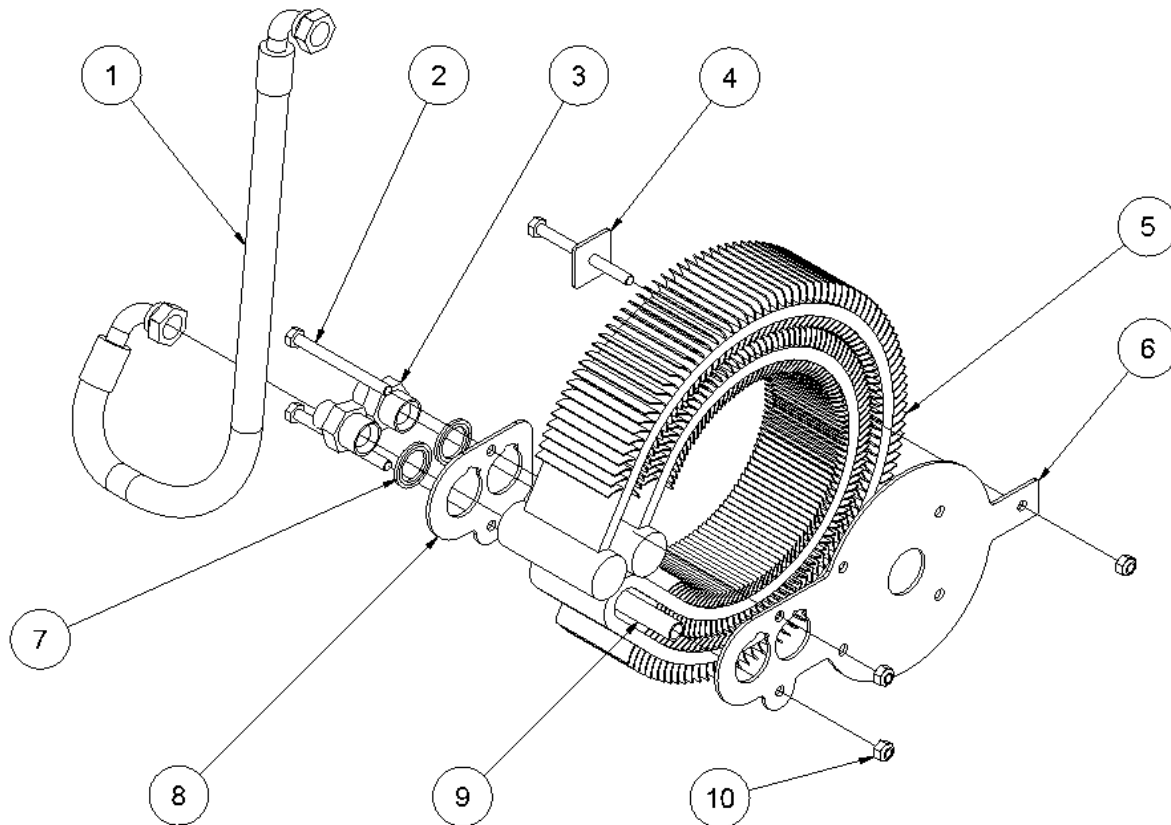
### OLD TYPE



# HPP23V FLEX spare parts list

## From serial number 12234

Fig. 6



Pos.	Part No.	Description	Pcs.
1	8721584	Cooler pressure hose	1
2	7621047	Screw M8x90	3
3	7421582	Fitting 1/2"x3/4"	2
4	8221121	Plate	1
5	8321093	Cooler ø280-12	1
6	8221112	Bracket for cooler	1
7	7521118	Seal ring 3/4"	2
8	8221116	Plate	1
9	8221086	Distance pipe ø12x1.5	1
10	7621010	Lock nut M8	3
-	2121103	Cooler complete <i>Pos. 2, 4, 5, 6, 8, 9, 10</i>	1