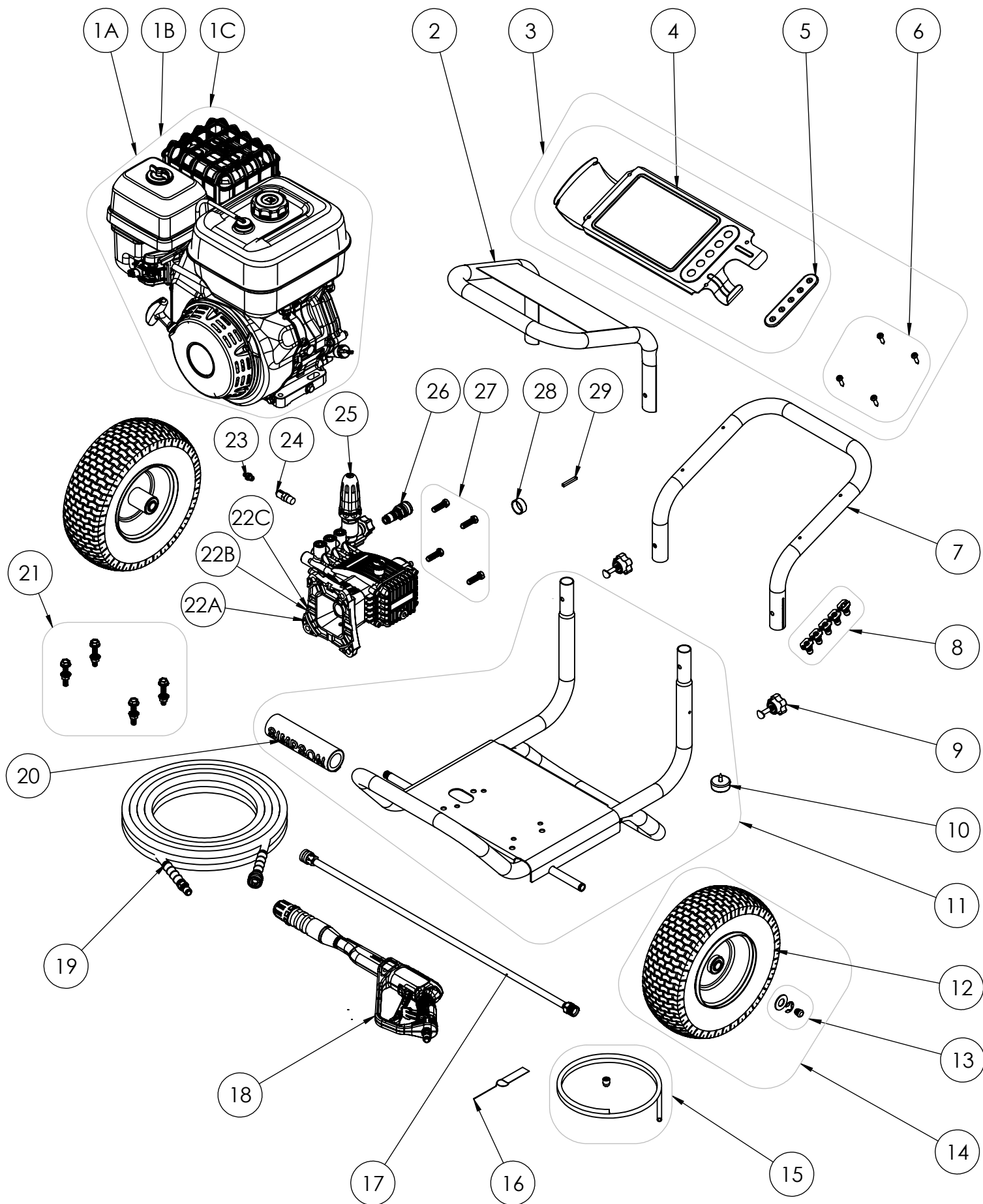


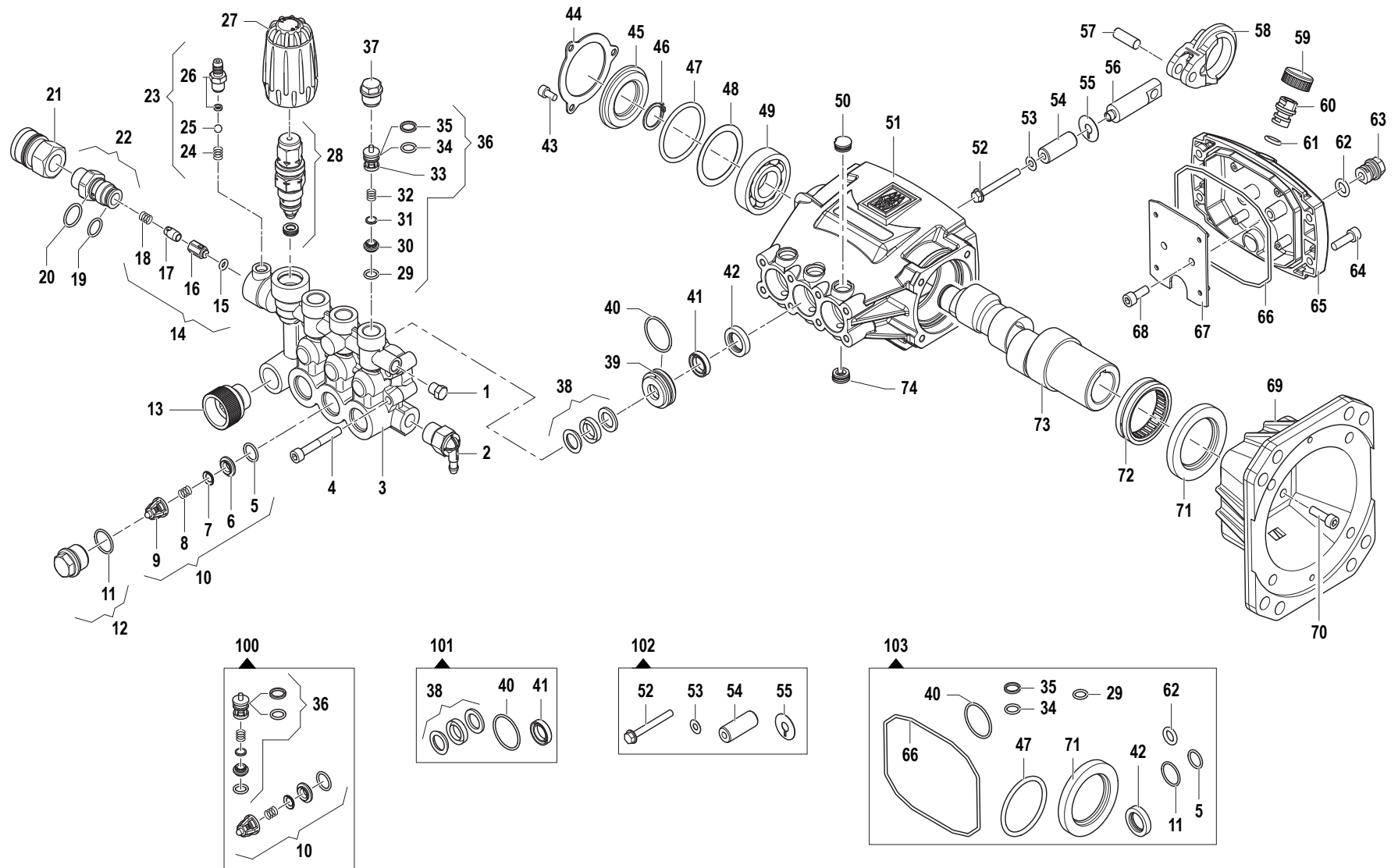


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1A	100702	GB420 420CC 50ST RECOIL START	1
1B	100701	ENGINE, 420CC HRZ BLK RECAL 49ST SIMPSON	1
1C	100562	ENGINE, SHINERAY 420CC HRZ BLK RECOIL	1
2	7104807	HANDLE, QS ASSY F/BLACK DXPW 13.25"	1
3	7109352	DASHBOARD SERVICE KIT W/LABELS	1
4	7108149	DASHBOARD ASSEMBLY, 13.25" C-C SILVER	1
5	7103161	NOZZLE HOLDER, 5PC RUBBER	1
6	7117740	MOUNTING SCREWS SVC ASSY KIT	1
7	7104807	HANDLE, REAR F BLACK DXPW 18GA. 13.25"	1
8	7101683	NOZZLE SET, 4.0 5PC 1/4" QC-M	1
9	7107941	KNOB-BOLT ASSEMBLY	2
10	7103292	KIT, FOOT SVC ASSY	2
11	7114956	FRAME KIT, 61041, 60456, 60843, 60869	1
12	7101416	WHEEL, 13" PNEUMATIC, BLACK	2
13	7111659	WHEEL MOUNTING KIT	2
14	7117057	WHEEL KIT, 13" PNUMATIC, E-CLIP & PLUG	2
15	7114268	SOAP HOSE KIT W/FILTER	1
16	7102045	TOOL, NOZZLE CLEANING, UNIVERSAL	1
17	7103261	LANCE, 31" 1/4"QC-F x M22(M)	1
18	7112779SIM	GUN, 4500PSI M22(F) X 3/8"QC(M), SIMPSON	1
19	7103642	HOSE, 3/8" x 50' x 4500PSI WIRE BRAID	1
20	7103750	ENGINE MOUNTING HARDWARE	1
21	7105186	HANDLE GRIP, SILVER/WHITE SIMPSON	1
22A	530006	PUMP, 53BRD40	1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
22B	7109267	PUMP, COMET EW4040	1
22C	7104826	PUMP HORZ 4200PSI @ 4.0GPM TRIPLEX COMET	1
23	7101359	THERMAL RELIEF VALVE	1
24	7104228	SOAP INJECTOR KIT	1
25	7114676	UNLOADER KIT	1
26	7110331	WATER OUTLET KIT	1
27	7105474	HARDWARE KIT, PUMP MOUNTING	1
28	7111997	SPACER, 1" ENGINE SHAFT 12.5 LONG	1
29	7101506	KEY, SHAFT 3/16 X 3/16 X 1-1/2	1

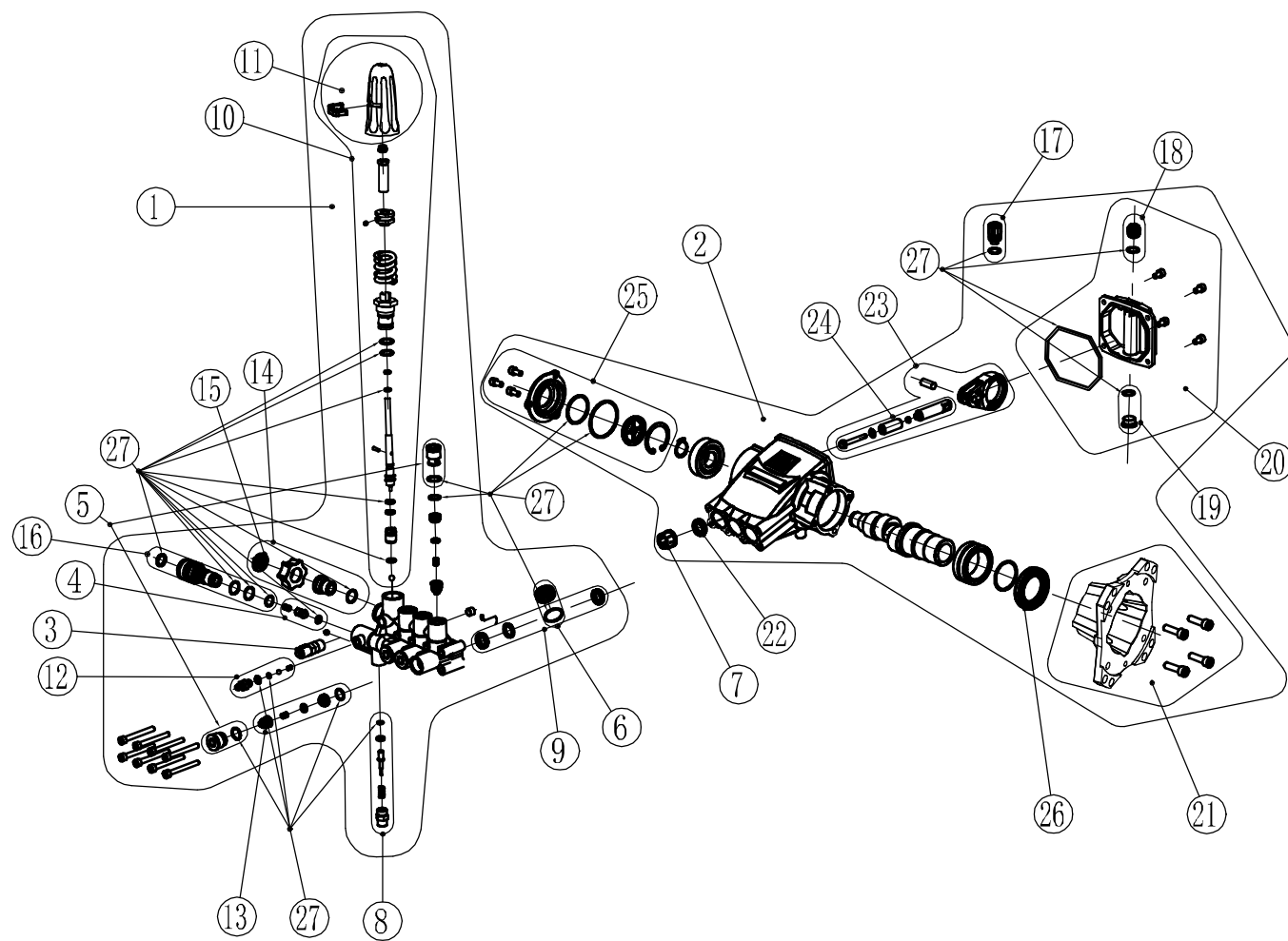
FNA 7109267 PUMP

EXPLODED VIEW



7109267 PARTS LIST

ITEM	PART	DESCRIPTION	QTY. Per Pump		ITEM	PART	DESCRIPTION	QTY. Per Pump
1	N/A	Cap G1/8"	1		42	N/A	Oil Seal Ø15 X 24 X 5	3
2	7110287	Thermo Valve Kit 1/4	1		43	7110293	Screw M5 x 10	3
3	N/A	Pump Manifold	1		44	7110294	Crankcase Flange	1
4	7110288	Screw M8x45	8		45	7104960	Transparent Cover	1
5	N/A	O-Ring Ø1,78 x 12,42	3		46	7110295	Outer Seger Ø20	1
6	N/A	Suction Valve Seat	3		47	7110296	O-Ring Ø3,53 X 44,04	1
7	N/A	Suction Valve	3		48	7110297	Spacer Ø41 X 51,8 X 0.5	1
8	N/A	Suction Spring	3		49	7110298	Ball Bearing Ø13 X 52 X 15	1
9	N/A	Suction Valve Cage	3		50	7110299	Cap	3
10	N/A	Suction Valve Ass. y Kit	3		51	N/A	Pump Crankcase	1
11	N/A	O-Ring Ø1,78 x 17,17	3		52	N/A	Special Screw M5 X 45	3
12	N/A	Suction Cap Kit	3		53	N/A	Washer Ø5,2 X 11,7 X 0.3	3
13	7110289	Coupling Kit 3/4-1/2"	1		54	N/A	Ceramic Bushing Ø13	3
14	7105406	Check Valve Kit	1		55	N/A	Washer	3
15	N/A	O-Ring Ø2,4 X 4,3	1		56	7110300	Piston Guide	3
16	N/A	Check Valve	1		57	7110301	Gudgeon Pin Ø8 X 25	3
17	N/A	Ejector	1		58	7110302	Con. Rod	3
18	N/A	Spring	1		59	7110303	Plug Cover	1
19	N/A	O-Ring Ø1,78 x 12,42	1		60	7111225	Breather Plug	1
20	N/A	O-Ring Ø1,78 x 15,6	1		61	7110305	O-Ring Ø2,62 X 9,13	1
21	7100019	Quick Coupler 3/8 NPT	1		62	7110306	O-Ring Ø3 X 9	1
22	7105404	Injector Body Kit 3/8 NPT	1		63	7110304	Oil Drain Plug	1
23	7106543	Detergent Coupling Kit	1		64	7110307	Screw M5x20	4
24	7105407	Detergent Spring	1		65	7110308	Crankcase Cover	1
25	7105408	Detergent Ball 7/32"	1		66	7110309	O-Ring Ø12 X 100	1
26	7105409	Detergent Coupling	1		67	7110310	Plate	1
27	7110290	Knob	1		68	7110311	Screw M6 X 16	1
28	7105410	Reg. Valve Kit + Seat	1		69	7110312	Flange	1
29	N/A	O-Ring Ø1,78 x 8,73	3		70	7110313	Screw M5x20	4
30	N/A	Delivery Valve Seat	3		71	7110314	Oil Seal Ø40 X 62 X 7	1
31	N/A	Delivery Valve	3		72	7110315	Roller Bearing Ø45 X 52 X 16	1
32	N/A	Delivery Spring	3		73	N/A	Eccentric Shaft 1"	1
33	N/A	Delivery Valve Cage	3		74	7110316	Drilled Cap	3
34	N/A	O-Ring Ø1,78 x 9,25	3					
35	N/A	Anti-Extr. Ring	3					
36	N/A	Delivery Valve Ass.y Kit	3					
37	7110291	Delivery Cap	3		PUMP SERVICE KITS			
38	N/A	Packing Ø13 X 20 X 4,5	3		100	7109627	Complete Valve Kit	1
39	7110292	Packing Retainer Ø13	3		101	7107528	Water Seal Kit	1
40	N/A	O-Ring Ø1,78 X 26,7	3		102	7107527	Piston Kit	1
41	N/A	Packing Ø13 X 20 X 4,5	3		103	7109628	Oil Seal Kit	1



Model:
530006-S

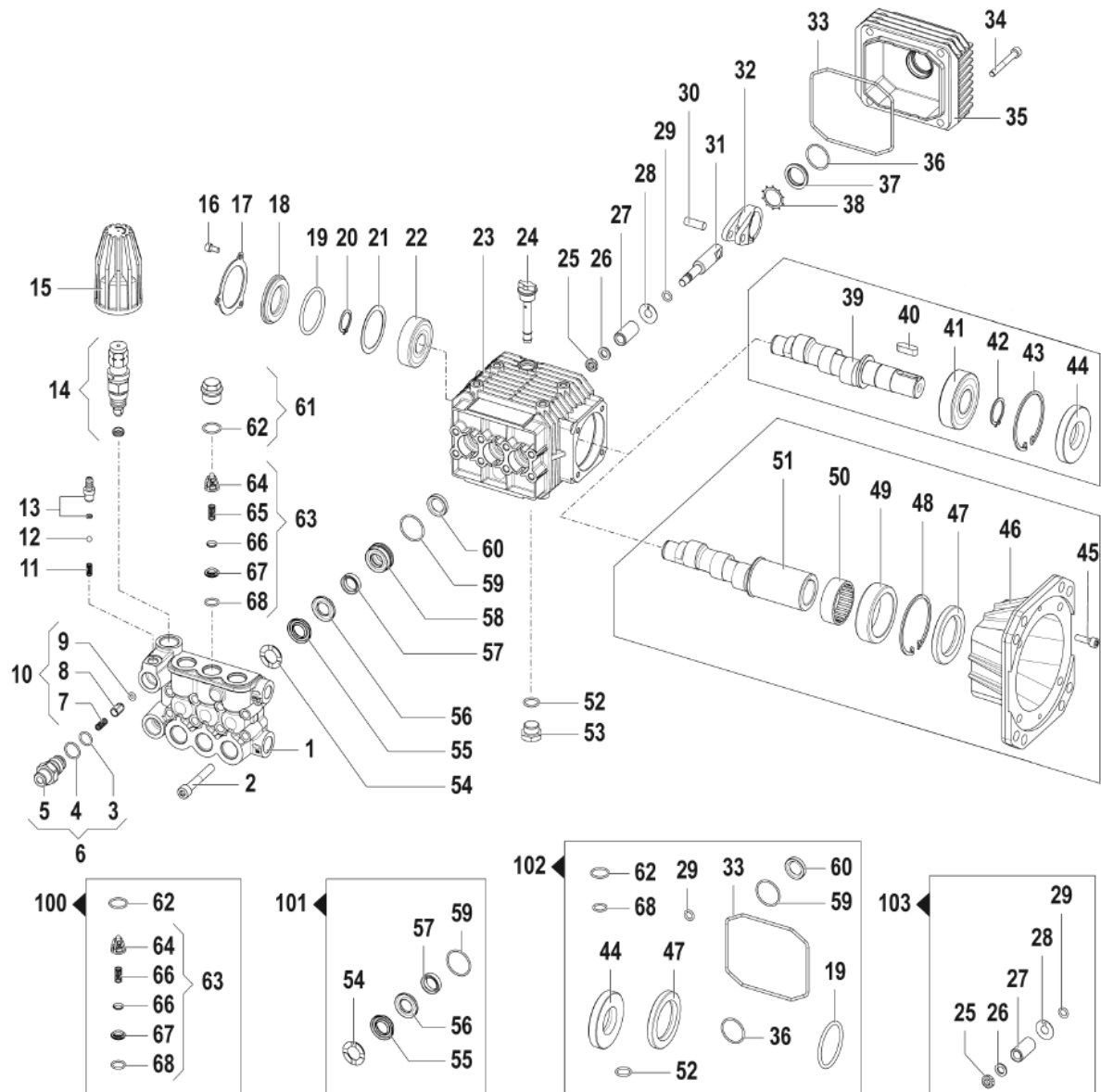
Rev:
C
Version

ITEM	PART NO	QTY.	DESCRIPTION
1	7109067	1	Manifold Kit
2	7114675	1	Crankcase Kit
3	7101359	1	Thermal Relief Valve
4	7110139	1	NRV Kit
5	7110140	1	Valve Cap Kit
6	7110142	1	Seal Retainer Kit
7	7113580	1	Seal Spacer Kit
8	7110117	1	Boost Valve Kit
9	7106733	1	Water Seal Kit
10	7114676	1	Unloader Kit
11	7109066	1	Unloader Cap Kit
12	7104228	1	Soap Injector Kit
13	7108750	1	Valve Kit
14	7110330	1	Water Inlet Kit
15	7000123	1	Water Inlet Screen
16	7110331	1	Water Outlet Kit
17	7111013	1	Oil Breather Kit
18	7111014	1	Red Plastic Oil Plug Kit
19	7105721	1	Oil Plug Kit
20	7113578	1	Rear Crank Cover Kit
21	7113579	1	Mounting Flange Kit
22	7110143	1	Oil Seal Kit
23	7110150	1	Connecting Rod Kit
24	7110828	1	Piston Kit
25	7110151	1	Sight Glass Kit
26	7106723	1	Crankshaft Oil seal Kit
27	7114678	1	O-ring kit, Complete

MODEL: 530006-S REV. C
Version:

PUMP DIAGRAM

ZWD-K3538 & ZWD-K4042



Pumps Covered By This Document	
Part No.	Model
7104757	ZWD-K4042
7104820	ZWD-K4042
7104858	ZWD-K3538

Torque Specifications						
No.	Part No.	Description	lb.ft	lb.in	N.m	Apply To Thread
2	7105403	M8 x 55 Screw	18.4	220	25	-
16	7105412	M5 x 10 Screw	3.0	40	4	-
25	-	Piston Nut	4.4	50	6	Loctite 243
34	7105425	M6 x 50 Screw	6.6	80	9	-
45	7105436	M6 x 20 Screw	6.6	80	9	-
61	7105446	Valve Plug	33.2	400	45	Loctite 243

PUMP COMPONENTS

ZWD-K3538 & ZWD-K4042

DWG NO.	PART NO.	DESCRIPTION	QTY.	MODELS
1	7105402	BRASS PUMP MANIFOLD, Ø15mm	1	ALL
2	7105403	SCREW, M8 X 55mm	8	ALL
3	-	O-RING, Ø1.75 X 12.42mm	1	ALL
4	-	O-RING, Ø1.78 X 15.6mm	1	ALL
5	-	INJECTOR BODY, Ø2mm-3/8" NPT(M)	1	ALL
6	7105404	INJECTOR BODY KIT, Ø2mm3/8" NPT(M)	1	ALL
7	-	SPRING	1	ALL
8	-	CHECK VALVE	1	ALL
9	7105405	O-RING, Ø2.4 X 4.3mm	1	ALL
10	7105406	CHECK VALVE KIT	1	ALL
11	7105407	DETERGENT SPRING	1	ALL
12	7105408	DETERGENT BALL	1	ALL
13	7105409	DETERGENT COUPLING	1	ALL
14	7105410	UNLOADER VALVE KIT, 3600PSI[2508AR]	1	ALL
15	7105411	UNLOADER ADJUSTMENT KNOB	1	ALL
16	7105412	SCREW, M5 X 10mm	3	ALL
17	7105413	CRANKCASE FLANGE	1	ALL
18	7105414	ALUMINUM END COVER	1	ALL
19	7105415	O-RING, Ø3.53 X 44.04mm	1	ALL
20	7105416	EXTERNAL SNAP RING, Ø20mm C72	1	ALL
21	7105417	SPACER, Ø41 X 51.8 X 0.5mm	1	ALL
22	7105418	BALL BEARING, Ø20 X 52 X 15mm	1	ALL
23	7105419	PUMP CRANKCASE	1	ALL
24	7105420	OIL DIPSTICK	1	ALL
25	-	SPECIAL NUT	3	ALL
26	-	WASHER, Ø8.2 X 14 X 1.5mm	3	ALL
27	7105946	CERAMIC BUSHING, Ø15mm	3	ALL
28	-	WASHER	3	ALL
29	-	O-RING, Ø1.78 X 6.07mm	3	ALL
30	7105421	PISTON PIN	3	ALL
31	7105422	PISTON GUIDE	3	ALL
32	7105423	CONNECTING ROD ASSEMBLY	3	ALL
33	7105424	O-RING, Ø3.0 X 94mm	1	ALL
34	7105425	SCREW, M6 X 50mm	4	ALL
35	7105426	CRANKCASE COVER	1	ALL
36	7105427	O-RING, Ø1.78 X 23.25mm	1	ALL
37	7105428	OIL LEVEL SIGHT GLASS	1	ALL
38	7105429	SIGHT GLASS RETAINING RING, Ø28mm	1	ALL
39	7105430	CRANKSHAFT, Ø24 X 9.6mm	1	7104757 ONLY
40	7105431	SHAFT KEY, 8 X 7 X 25mm	1	7104757 ONLY
41	7105432	BALL BEARING, Ø25 X 62 X 17mm	1	7104757 ONLY
42	7105433	EXTERNAL SNAP RING, Ø25mm C72	1	7104757 ONLY
43	7105434	INTERNAL SNAP RING, Ø62mm C72	1	7104757 ONLY
44	7105435	OIL SEAL, Ø25 X 62 X 10/7mm	1	7104757 ONLY
45	7105436	SCREW, M6 X 20mm	4	7104858 & 7104820
46	7105437	MOUNTING FLANGE, 1.00"	1	7104858 & 7104820
47	7105438	OIL SEAL, Ø40 X 62 X 7mm	1	7104858 & 7104820
48	7105434	INTERNAL SNAP RING, Ø62mm C72	1	7104858 & 7104820
49	7105439	BUSHING	1	7104858 & 7104820
50	7105440	ROLLER BEARING, Ø40 X 47 X 16mm	1	7104858 & 7104820
51	7105441	CRANKSHAFT, Ø1.00" X 8.3mm	1	7104858
51	7105442	CRANKSHAFT, Ø1.00" X 9.6mm	1	7104820
52	7105443	O-RING, Ø2 X 14mm	1	ALL
53	7105444	CAP, 3/8" GAS PIPE THREAD	1	ALL
54	-	PACKING HEAD RING, Ø15mm	3	ALL
55	-	PACKING, Ø15mm	3	ALL
56	-	BACK RING, Ø15mm	3	ALL
57	-	PACKING, Ø15 X 22 X 5.5mm	3	ALL
58	7104949	PACKING RETAINER, Ø15mm	3	ALL
59	-	O-RING, Ø1.78 X 26.7mm	3	ALL
60	7105445	OIL SEAL, Ø15 X 24 X 5mm	3	ALL
61	7105446	PLUG AND O-RING KIT	6	ALL
62	7105447	O-RING, Ø1.78 X 17.17mm	6	ALL
63	-	SUCTION/PRESSURE VALVE ASSEMBLY KIT	6	ALL
64	-	SUCTION/PRESSURE VALVE CAGE	6	ALL
65	-	VALVE SPRING	6	ALL
66	-	SUCTION/PRESSURE VALVE	6	ALL
67	-	SUCTION/PRESSURE VALVE SEAT	6	ALL
68	-	O-RING, Ø1.78 X 12.42mm	6	ALL
SPARE PARTS KITS				
100	7105448	SUCTION/PRESSURE VALVE KIT	1	ALL
101	7105449	WATER SEAL KIT	1	ALL
102	7105450	OIL SEAL KIT	1	ALL
103	7105451	PISTON KIT, Ø15mm	1	ALL