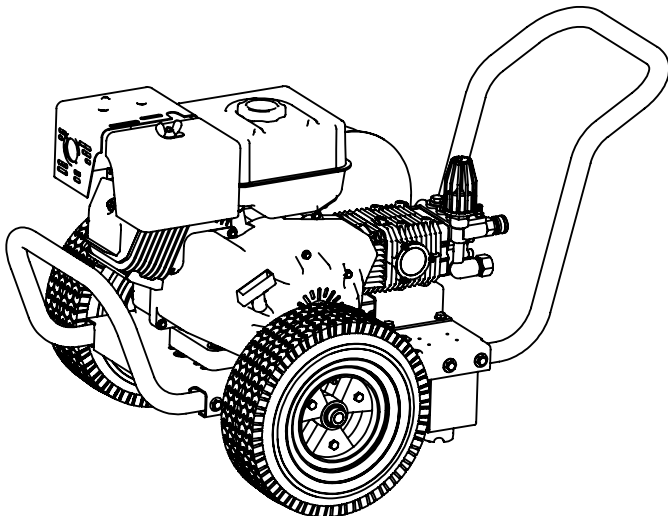


ITEM	PART NO	DESCRIPTION	QTY.
1	7103640	FRAME ASSY, FLAT BLACK	1
2	7104579	SUBFRAME, FLAT BLACK	1
3	7104580	BRACKET, LEG FLAT BLACK	1
4	7106186	HANDLE, REAR ASSEMBLY	1
4.1		HANDLE, REAR SILVER	1
4.2		BOLT, 5/16-18	4
4.3		WASHER, 5/16	8
4.4		NUT, LOCK 5/16-18	4
5	7106187	HANDLE, FRONT ASSEMBLY	1
5.1		HANDLE, FRONT SILVER	1
5.2		BOLT, 5/16-18	4
5.3		WASHER, 5/16	8
5.4		NUT, LOCK 5/16-18	4
6	7106188	ENGINE SERVICE ASSEMBLY, GX390	1
6.1		KEY, M6SQ X 25MM	1
6.2		BOLT, 3/8-24	4
6.3		WASHER, 3/8	4
6.4		NUT, 3/8-24 NYLOCK	4
7	7103089	KEY M6SQ X 25MM	1
8	7106232	PUMP HAT SERVICE ASSEMBLY	1
8.1	7104880	BRACKET, PUMP HAT F/BLACK	1
8.2		BOLT, 5/16-18	4
8.3		WASHER, FLAT 5/16	8
8.4		NUT, LOCK 5/16-18	4
9	7106189	PUMP, SERVICE ASSEMBLY	1
9.1	7104757	PUMP, 3900PSI@4.0GPM	1
9.2	7102469	PLUG, 3/8" NPT	1
9.3	7101331	THERMAL RELIEF VALVE 1/2 NPT(M)	1
9.4	7100019	COUPLER, 3/8" QC-F x 3/8" NPTF	1
9.5	7100051	INLET FITTING, 1/2" NPTM x 3/4" GHT	1
9.6		BOLT, M8	4
9.7		WASHER, SPLIT LOCK 5/16	4
10	7106190	BELTGUARD ASSEMBLY	1
10.1	7104615	BELTGUARD, BACK SILVER	1
10.2	7104616	BELTGUARD, FRONT SILVER	1
10.3	7104617	BELTGUARD, BRACKET SILVER	1
10.4		WASHER, SPLIT LOCK	1
10.5		NUT, CLINCH, 1/4-20	1
10.6		BOLT, 1/4-20	2
10.7	7101166	SPACER BACK	2
10.8		BOLT, 5/16-18	2
10.9		WASHER, 5/16	4
10.10		NUT, LOCK 5/16-18	2
10.11		RIVET	3
10.12	7100389	GROMMET, 7/16" RUBBER	2
11	7101997	PULLEY 2.3V500-H	1
12	7101788	PULLEY, 2.3V4-5H	1
13	7100174	FLANGE BUSHING, KEYED H x 24mm	1
14	7100173	BUSHING H X 1	1

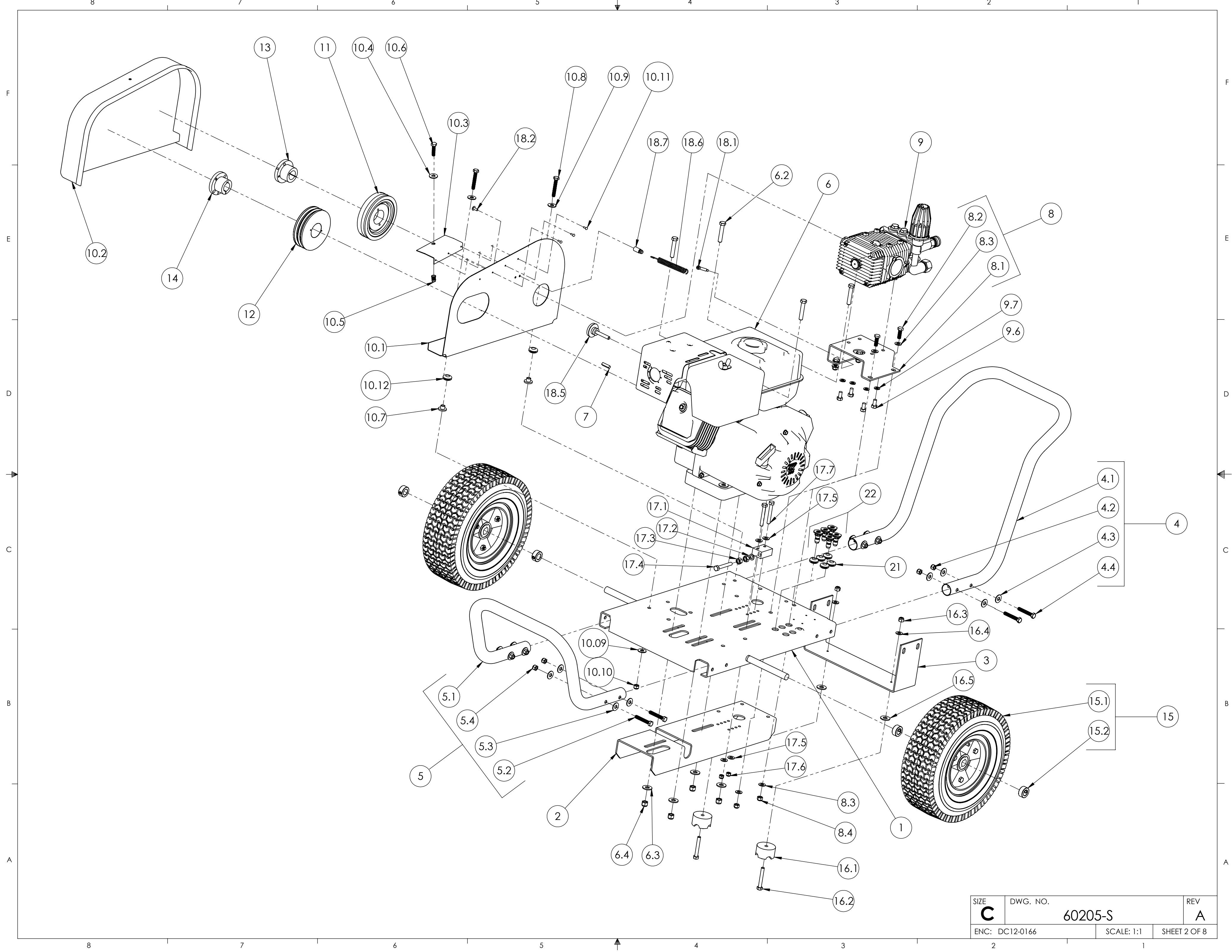
ITEM	PART NO	DESCRIPTION	QTY.
15	7106191	WHEEL, KIT	2
15.1		WHEEL, LARGE MAG	1
15.2		COLLAR, LOCKING 5/8	2
16	7103600	FOOT KIT, 1.250 TALL	2
16.1		FOOT, RUBBER 2IN OD X 1.125IN	1
16.2		BOLT, 5/16-18	1
16.3		NUT, LOCK 5/16-18 REG NYLOCK	1
16.4		WASHER, FLAT 5/16"	1
16.5		WASHER, 3/8	1
17	7103596	ENGINE ADJUST BLOCK SVC KIT	1
17.1	7100101	ENGINE ADJUSTING BLOCK	1
17.2		WASHER 3/8	1
17.3		NUT, 3/8-16	2
17.4		BOLT, 3/8-16	1
17.5		WASHER, 1/4	4
17.6		NUT, LOCK 1/4	2
17.7		BOLT, 1/4-28	2
18	7103599	BELT GUARD TENSIONER KIT	1
18.1		SCREW, 8MM SHOULDER	1
18.2		SCREW, 10-32 PAN HEAD PHILLIPS	1
18.3		BOLT, 5/16-24	1
18.4	7101378	WASHER, FENDER 3/8	1
18.5	7101373	WASHER, BUMPER RUBBER	1
18.6	7101170	SPRING, BELT GUARD TENSIONER	1
18.7	7100719	NUT, SPRING EYE	1
19	7103594	HARDWARE KIT, ENGINE MOUNT	1
19.1		BOLT, 3/8-24	4
19.2		WASHER, 3/8	8
19.3		NUT, LOCK 3/8-24	4
20	7106243	HARDWARE KIT, PUMP MOUNTING	1
20.1		BOLT, M8	4
20.2		WASHERS, 5/16 SPLIT LOCK	4
21	7100389	GROMMET	6
22	7100634	5 PC. 3.5 NOZZLE SET	1
23	7100393	GUN, 5000PSI@10GPM	1
24	7100551	LANCE, 48IN 1/4MPT, QC(F)	1
25	7016249	HOSE, 3/8IN X 50FT, 4500PSI 3/8QC	1
26	7103708	SOAP HOSE AND FILTER KIT	1
27	7102045	TOOL, NOZZLE CLEANING, UNIV	1
28	7102389	MANUAL, OWNERS, WB SERIES	1
29	7100144	CARTON, 45-1/2 X 26-1/2 X 24-5/8	1

\* 7101998 Belt 3V X 375  
 \* NOT SHOWN  
 † NOT SOLD SEPARATELY

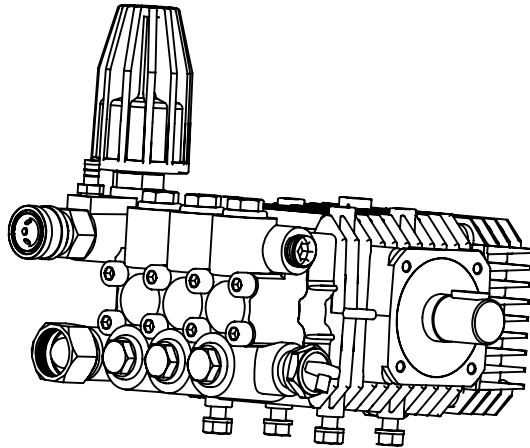
PUMP IDENTIFICATION TABLE		
PUMP MODEL	PUMP PART NO.	PUMP KIT
ZWD-K4042	7104757	7106189
TX SERIES 63	7103180	7106244



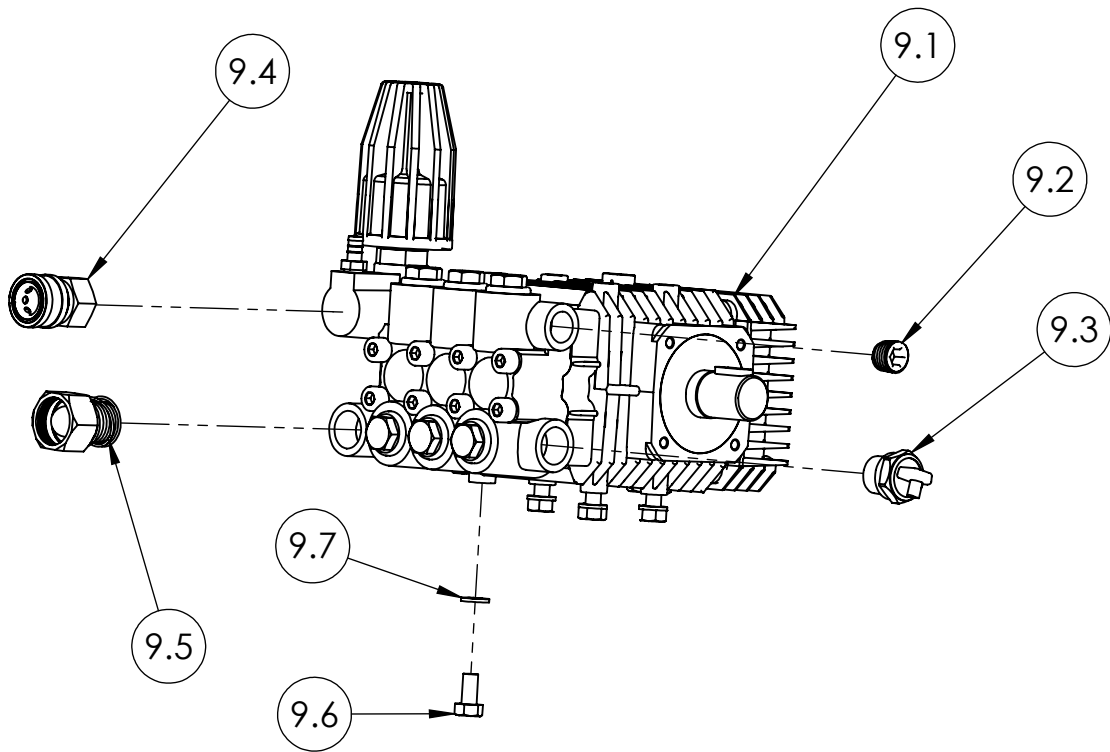
NAME			DATE		
DRAWN	MAV	11/13/2012	<b>FNA-GROUP</b> 1265 INDUSTRIAL STREET, DECATUR, AR 72722 TITLE: <h2 style="text-align: center;">WB4200</h2>		
CHECKED	MG	11/27/2012			
ENG APPR.	JEW	11/28/2012			
MFG APPR.	-	-			
Q.A. APPR.	JCP	11/26/2012			
SERVICE APPR.	DH	11/26/2012	SIZE DWG. NO. <b>60205-S</b> REV. <b>A</b> SCALE: N/A ECN# DC12-0166 SHEET 1 OF 8		
<b>PROPRIETARY AND CONFIDENTIAL</b> THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF FNA-GROUP. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF FNA-GROUP IS PROHIBITED.					



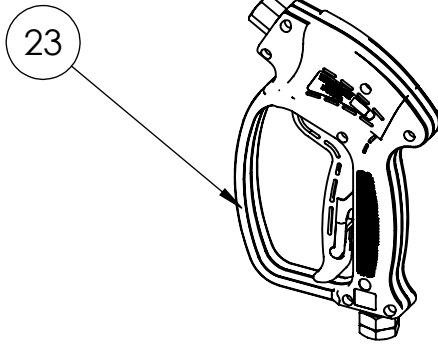
SIZE <b>C</b>	DWG. NO. <b>60205-S</b>	REV <b>A</b>
ENC: DC12-0166	SCALE: 1:1	SHEET 2 OF 8



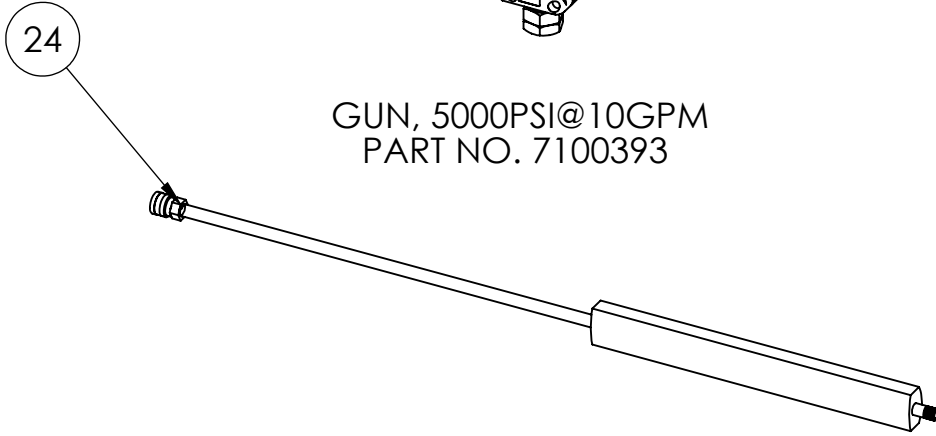
PUMP ASSEMBLY  
PART NO. 7106189



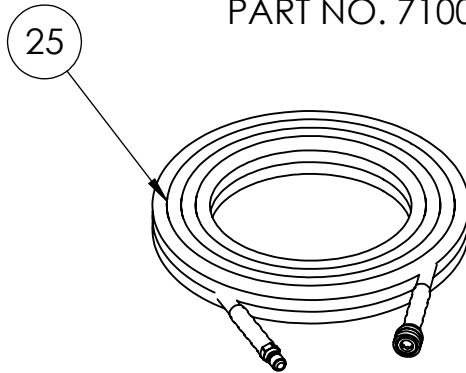
ITEM	PART NO	DESCRIPTION	QTY.
9.1	7104757	PUMP, ZWD-K4042	1
9.2	7102469	PLUG, 3/8" NPT	1
9.3	7101331	THERMAL RELIEF VALVE 1/2 NPT(M)	1
9.4	7100019	COUPLER, 3/8" QC-F x 3/8" NPTF	1
9.5	7100051	INLET FITTING, 1/2" NPTM x 3/4" GHT	1
9.6		BOLT, M8-1.25	4
9.7		WASHER, SPLIT LOCK 5/16	4



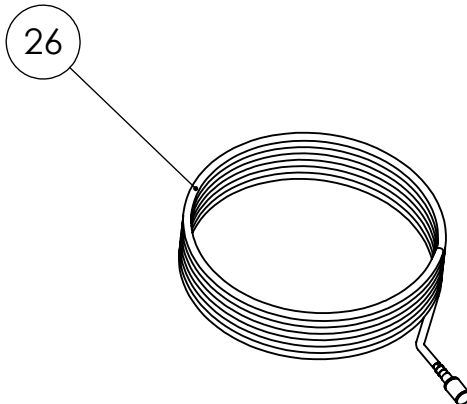
GUN, 5000PSI@10GPM  
PART NO. 7100393



LANCE, 48IN 1/4MPT QC(F)  
PART NO. 7100551



HOSE, 3/8IN 4500PSI X 50FT, 3/8QC  
PART NO. 7106249

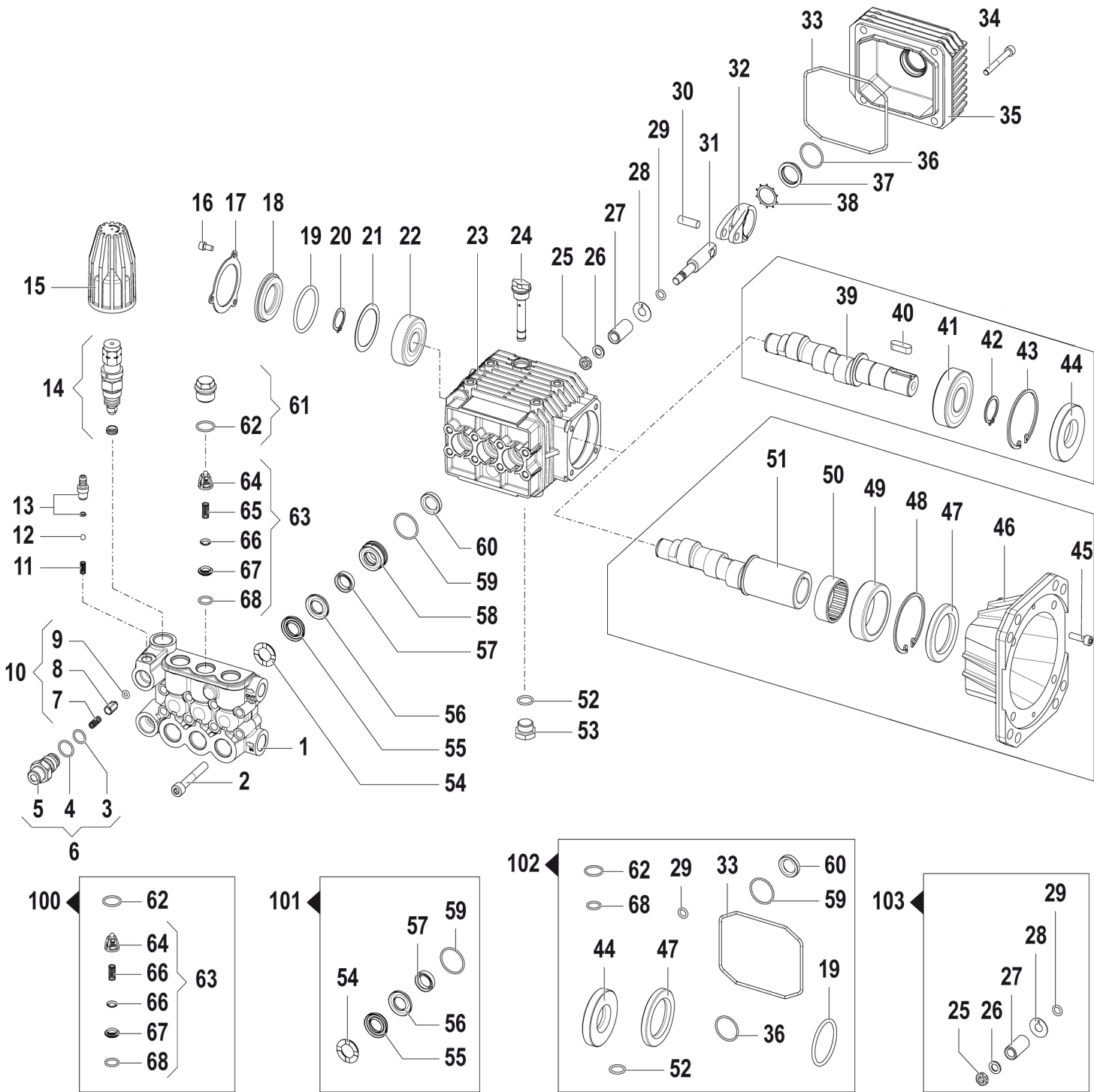


SOAP HOSE AND FILTER ASSEMBLY  
PART NO. 7103708

SIZE <b>A</b>	DWG. NO. 60205-S	REV. A
SCALE: N/A	ECN# DC12-0166	SHEET 4 OF 8

# 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

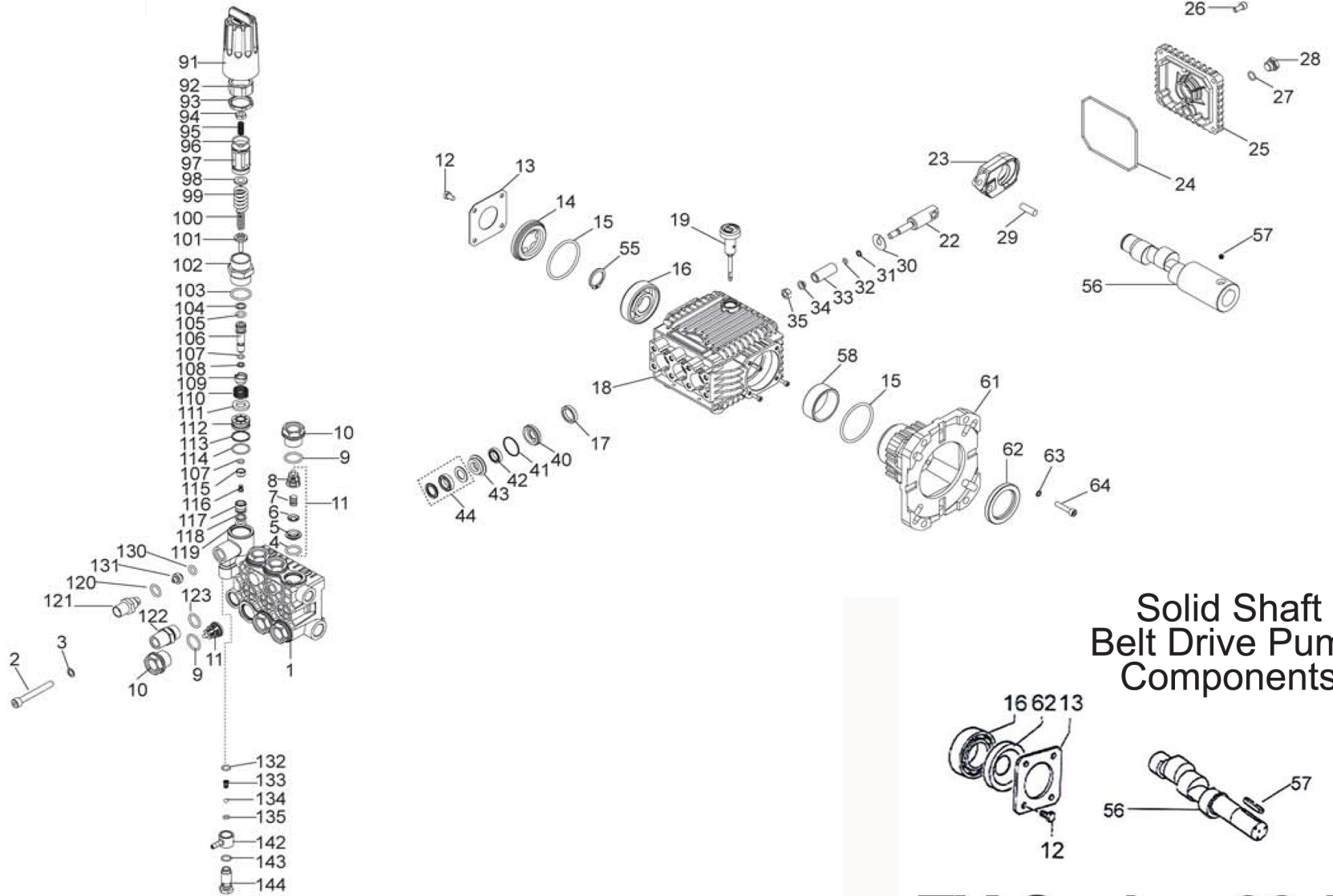
# PUMP COMPONENTS

## ZWD-K3538 & ZWD-K4042

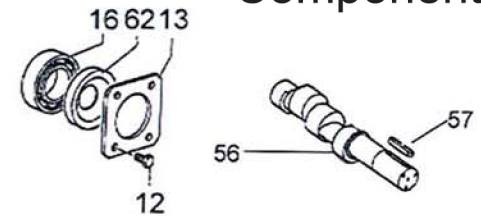
DWG NO.	PART NO.	DESCRIPTION	QTY.	MODELS
1	7105402	BRASS PUMP MANIFOLD, Ø15mm	1	ALL
2	7105403	SCREW, M8 X 55mm	8	ALL
3	-	O-RING, Ø1.75 X 12.42mm	1	ALL
4	-	O-RING, Ø1.78 X 15.6mm	1	ALL
5	-	INJECTOR BODY, Ø2mm-3/8" NPT(M)	1	ALL
6	7105404	INJECTOR BODY KIT, Ø2mm3/8" NPT(M)	1	ALL
7	-	SPRING	1	ALL
8	-	CHECK 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[250BAR]	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	-	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	-	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

FNA PART NO. 7103231

FNA PART NO. 7103180



Solid Shaft  
Belt Drive Pump  
Components



**TX Series 63 UI**  
Direct Drive Triplex Plunger Pump

**PART LIST**

Item	Part no.	Description	Qty	Item	Part no.	Description	Qty	Item	Part no.	Description	Qty
1	7103434	Manifold, 15 mm, LH, NPT	1	43	NA	Int. Ring, 15mm	3	111	NA	Valve	1
2	7103435	Screw, M8 x 65	8	44	NA	Packing Assy, 15mm	3	112	NA	Valve guide	1
3	7103436	Lockwasher, M8.4	8	55	7103455	Retaining Ring	1	113	NA	O-ring	1
4	NA	O-ring	6	56	7103456	Crankshaft, 8mm (1")		114	NA	Anti-Ext ring	1
5	NA	Valve Seat	6		7103486	Crankshaft, 9mm (1")		115	NA	Spherical valve	1
6	NA	Valve Plate	6		7103457	Crankshaft, 10mm (1")		116	NA	Screw	1
7	NA	Spring	6		7103678	Crankshaft, 10mm (Solid Shaft)		117	NA	Seat	1
8	NA	Valve Cage	6	57	7103458	Screw, M6 x 6	1	118	NA	O-ring	1
9	NA	O-ring	6	57	7103881	Key, Crankshaft (Solid Shaft)	1	119	NA	Anti-Ext ring	1
10	NA	Valve Cap	6	58	7103459	Roller bearing	1	120	7103464	O-ring	1
11	NA	Valve Assembly	6	61	7103460	Flange 1", gas engine	1	121	7103465	Nipple, Disch - 3/8"NPT-M	1
12	7103437	Screw, M6 x 10	8	62	7103461	Oil Seal	1	122	7103466	Inlet Fitting	1
13	7103438	Bearing Cover	1		7103679	Oil Seal (Solid Shaft)		123	7103487	O-ring	1
14	7103439	Oil Level Indicator	1	63	7103462	Washer	4	130	7103467	O-ring	1
15	7103440	O-ring	2	64	7103463	Screw, M6 x 30	4	131	7103468	Nozzle 2.2mm	1
16	7103441	Ball Bearing	1	91	NA	Handle (Black)	1	132	7103469	O-ring	1
17	NA	Oil Seal	3	92	NA	Locking sleeve	1	133	7103470	Conical spring	1
18	7103442	Crankcase	1	93	NA	Locking nut	1	134	7103471	Ball	1
19	7103443	Oil Dip Stick	1	94	NA	Nut	1	135	7103472	O-ring	1
22	7103483	Plunger Guide	3	95	NA	Set screw	1	142	7103473	Fixed Injector	1
23	7103484	Connecting Rod	3	96	NA	O-ring	1	143	NA	O-ring	1
24	7103444	O-ring, Cover	1	97	NA	Regulator knob	1	144	7103474	Banjo bolt, Injector	1
25	7103485	NEW Rear Crankcase Cover	1	98	NA	Spring seat	1				
26	7103445	Screw, M6 x 14	4	99	NA	Spring (3500 PSI)	1	K123	7103475	Valve Kit (4-8)	
27	7103446	O-ring	1	100	NA	Spring	1	K124	7103476	Valve Cap Kit (9, 10)	
28	7103447	Plug, 1/4" G	1	101	NA	Stem	1	K159	7103478	Oil Seal Kit (17)	
29	7103448	Connecting Rod Pin	3	102	NA	Guide bushing	1	K160	7103479	Short Seal Kit (42, 44)	
30	7103449	Flinger Washer	3	103	NA	O-ring	1	K166	7103480	Long Seal Kit (40-44)	
31	7103450	Anti-extrusion Ring	3	104	NA	Anti-Ext ring	1	K137	7103477	By-Pass Kit (Lower 104-119)	
32	7103451	O-ring	3	105	NA	O-ring	1	K235	7103481	By-Pass Kit (Upper 91-103)	
33	7103452	Ceramic Plunger, 15mm	3	106	NA	Sleeve	1	K237	7103482	Injector Kit (132-144)	
34	7103453	Bushing	3	107	NA	O-ring	2				
35	7103454	Nut, M8	3	108	NA	Anti-Ext ring	1				
40	NA	Seal Retn'r, 15mm	3	109	NA	Spacer	1				
41	NA	O-ring	3	110	NA	Spring	1				
42	NA	Seal, LP, 15mm	3								

NOTE: All "NA" Parts are only available in Kits

