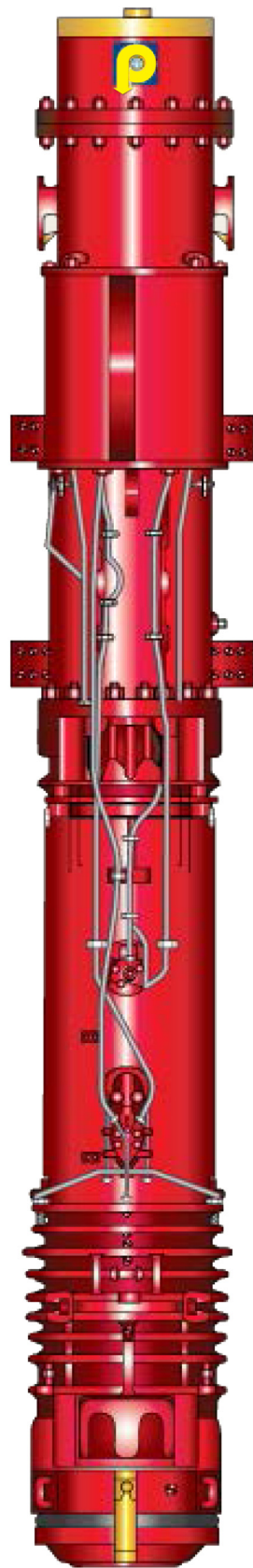


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PARTS BOOK

Spare Parts List

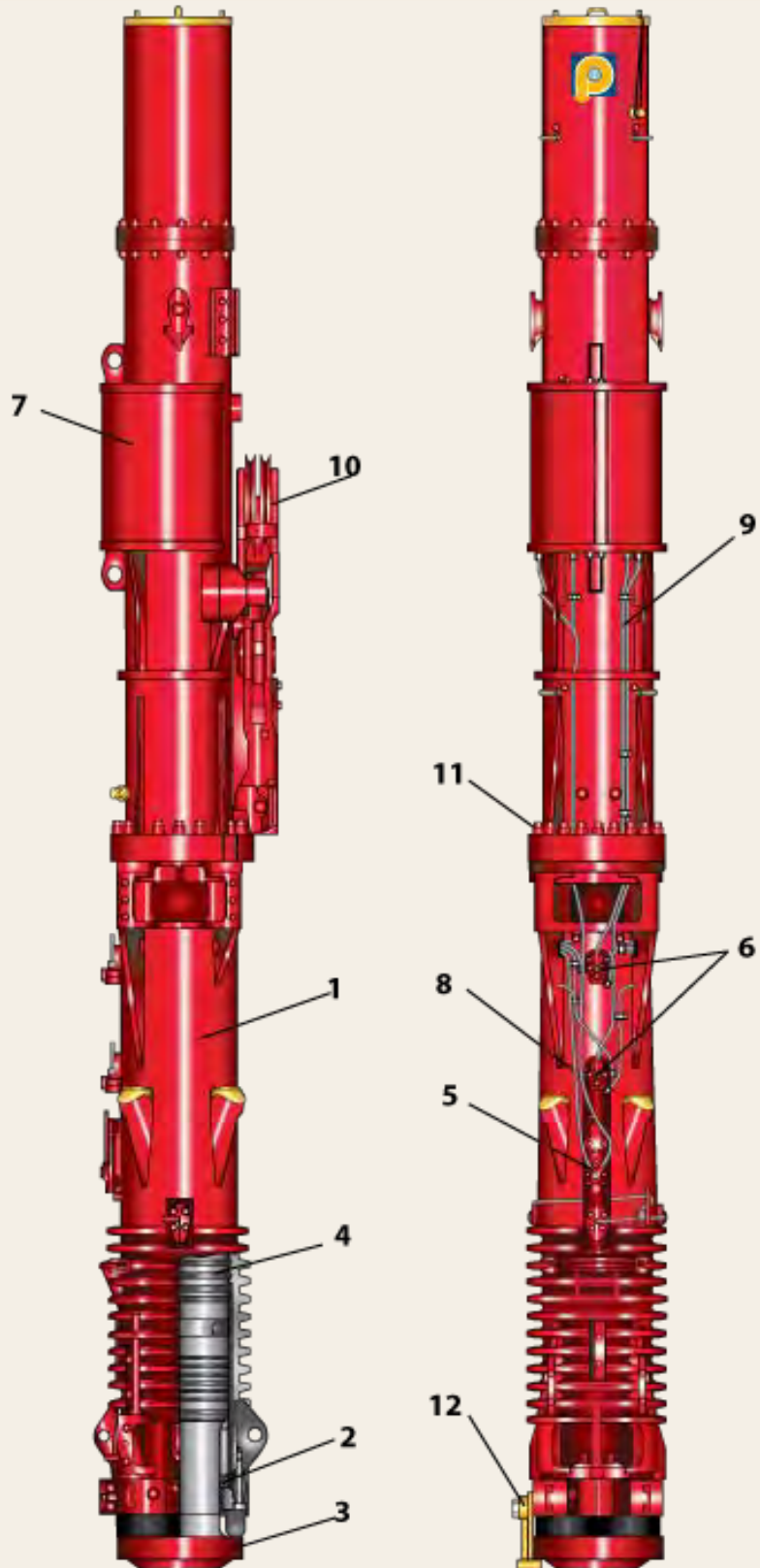




Parts Book

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Spare Parts List





Diesel Pile Hammer

Parts # 109841

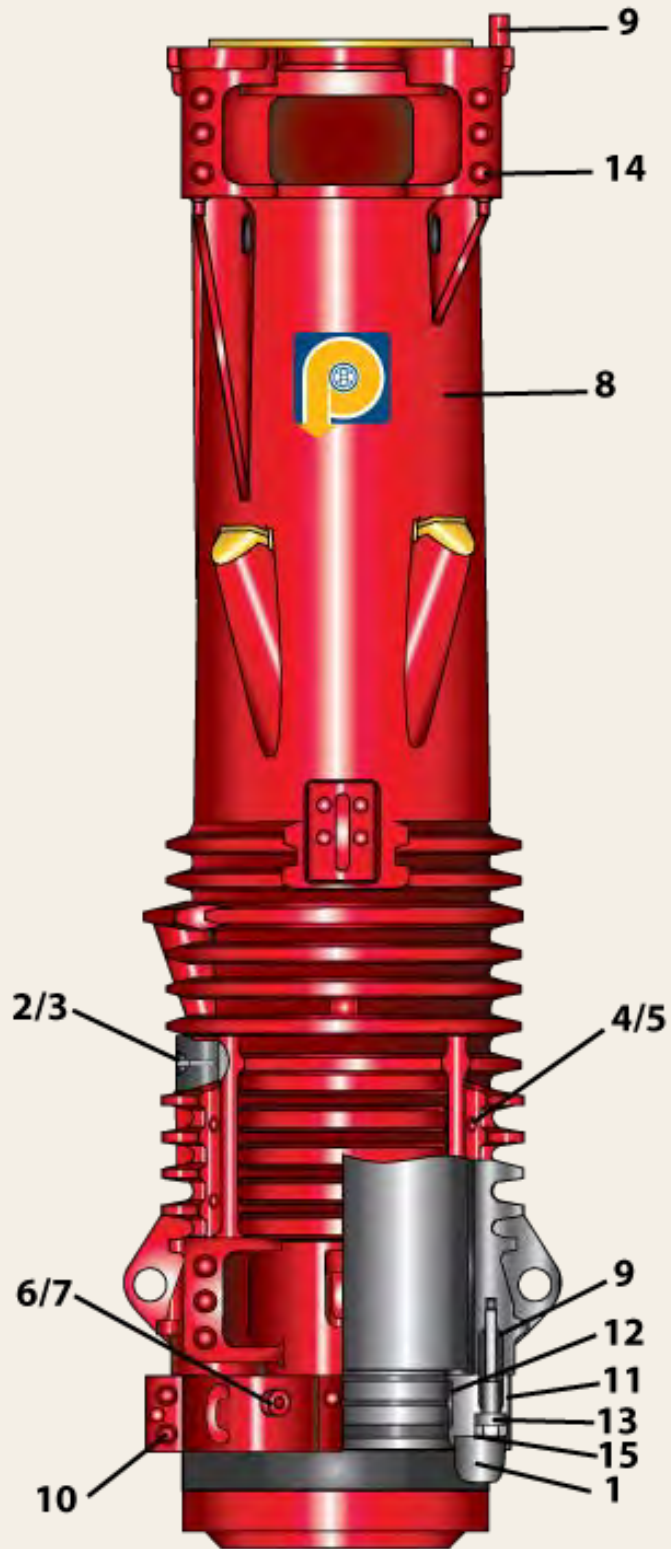
Parts Book

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Spare Parts List

Pos	Order No.	Pg	Description	Qty
	109841		Diesel Pile Hammer D80-23 cml	1
1	21446	4	Cylinder Lower Part cml.	1
2	21445	2	Inner Damp Ring	1
3	108493	8	Impact Block cml.	1
4	109852	6	Striking Weight (piston) cml.	1
5	66947	10	Fuel Injection Device	1
6	108325	16	Lube Pump	2
7	109840	18	Cylinder Upper Part cml.	1
8	41950	20	Fuel / Breather Line cml.	1
9	109854	22	Lube Line with Connecting Parts	1
10	41823	24	Starting Device cml	1
11	41945	26	Set - Connecting Parts	1
12	109844	28	Transport Protection Kit cml.	1
13	66917	30	Toolbox cml.	1







Cylinder Lower Part

Parts # 21446

Parts Book

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Spare Parts List

Pos	Order No.	Pg	Description	Qty
	21446		Cylinder Lower Part compl.	1
1	21455		Rubber Ring (2 pcs)	1
2	91460		Plug Screw M18x1.5	2
3	90002		Sealing Ring 18x22	2
4	92016		Plug Screw M20x1.5	4
5	92031		Sealing Ring 20x24	4
6	22592		Reducer	6
7	90791		Grease Nipple M10x1	6
8	109865		Lower Cylinder	1
9	94281		Dowel Pin Φ 50x80	20
10	20038		Hex Bolt M36x210	4
11	21451		Cylinder Endring compl. (2 pcs)	1
12	21456		Inner Endring (2 pcs)	1
13	20038		Hex Bolt M36x210	16
14	93233		Threaded Insert M36	24
15	130986		Rubber Ring Spacer (2 pcs)	1

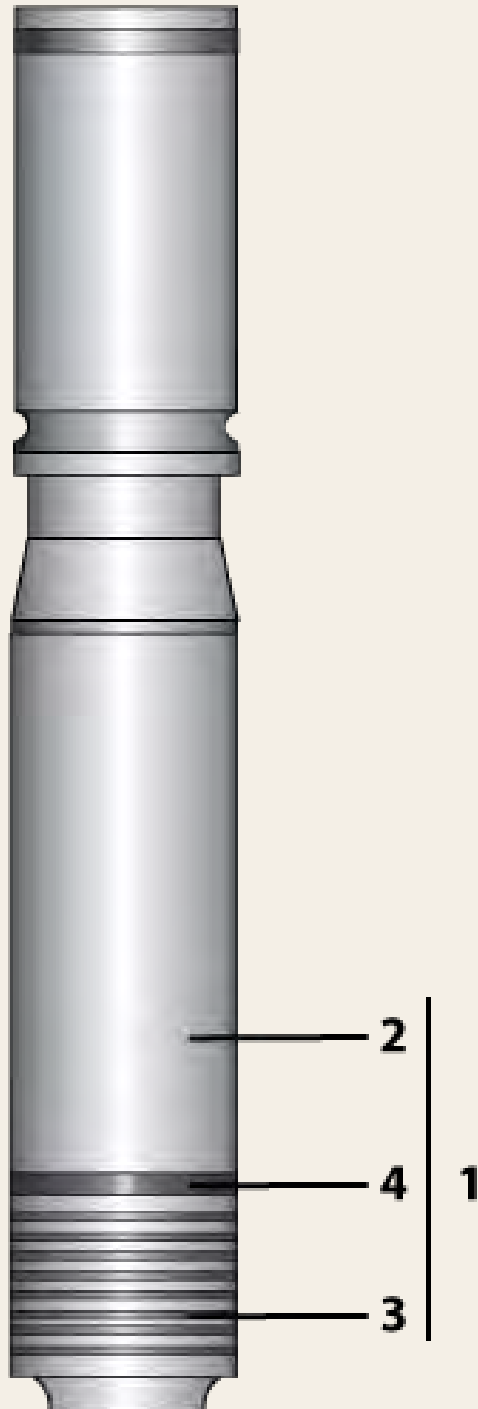




Parts Book

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Spare Parts List





Striking Weight (piston)

Parts # 109852

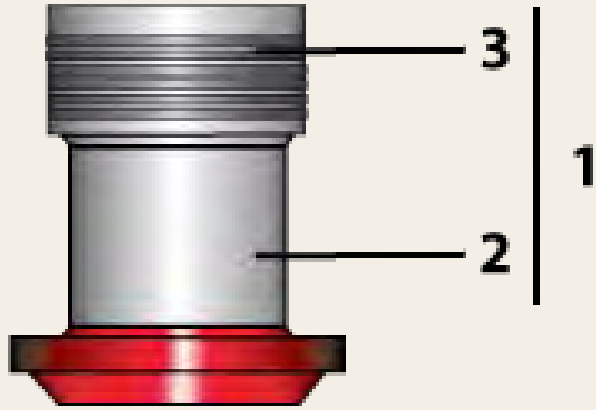
Parts Book

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Spare Parts List

Pos	Order No.	Pg	Description	Qty
1	109852		Striking Weight (piston) compl.	1
2	109853		Striking Weight (piston)	1
3	21439		Piston Ring	7
4	21443		Catch Piston Ring	1







Impact Block

Parts # 108493

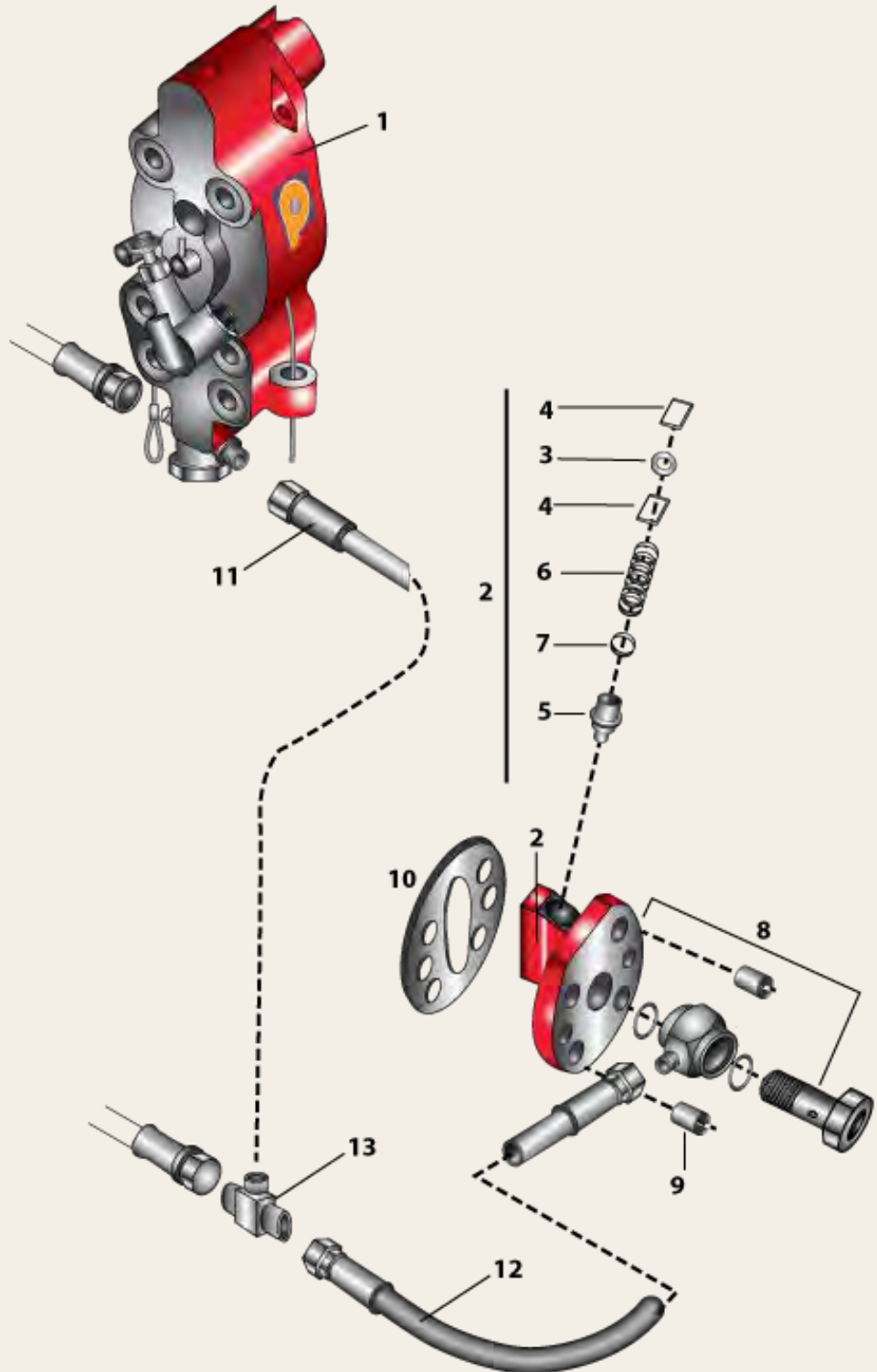
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Pos	Order No.	Pg	Description	Qty
1	108493		Impact Block cmpl.	1
2	108494		Impact Block	1
3	21439		Piston Ring	7

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Spare Parts List







Fuel Injection Device

Parts # 66947

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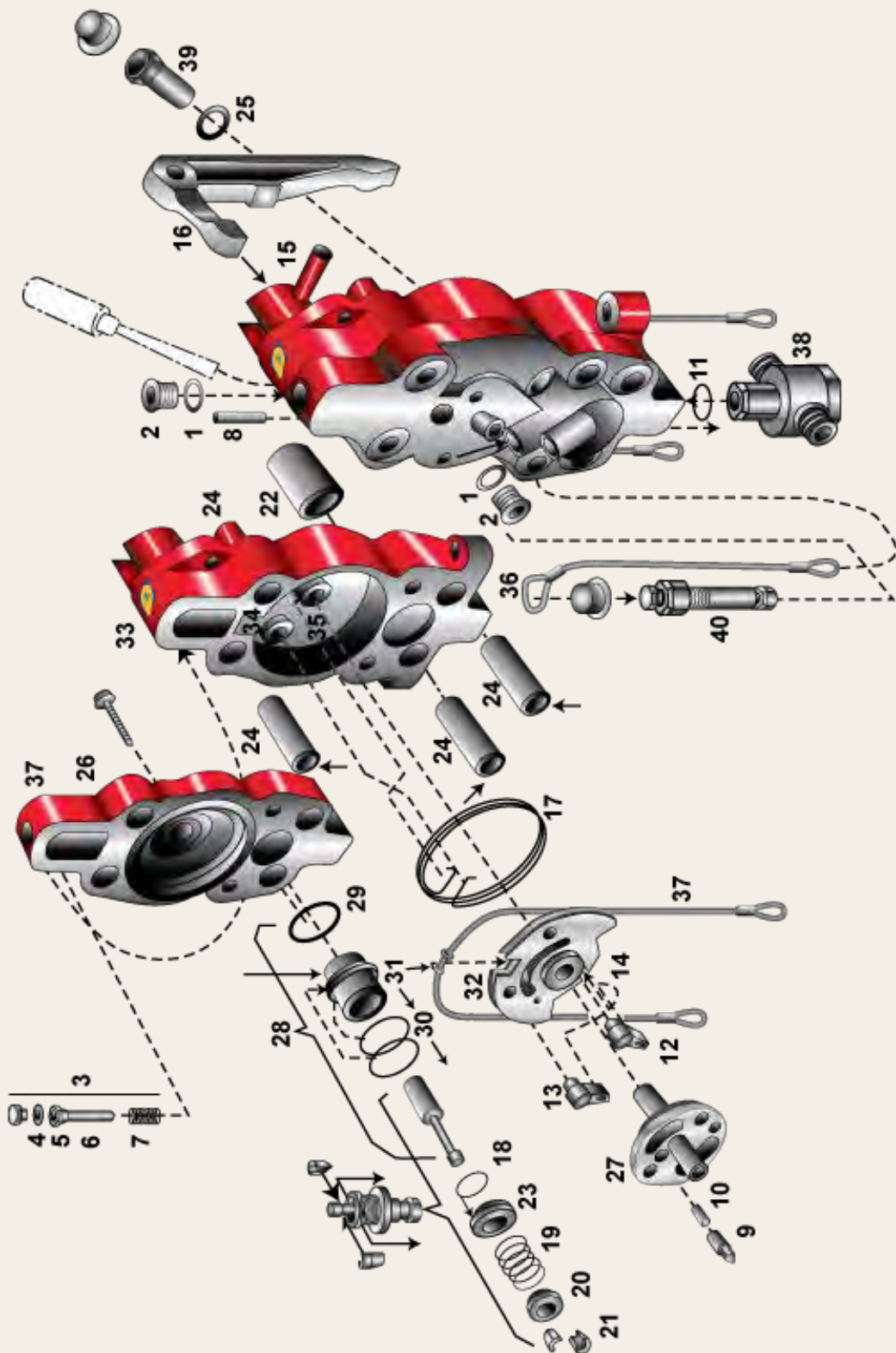
Spare Parts List

Pos	Order No.	Pg	Description	Qty
	66947		Fuel Injection Device cml	
1	66948	10	Variable-Delivery Fuel Pump	1
2	104675		Injection Valve cml.	4
3	64461		Spring Washer	4
4	64460		Locking Plate	8
5	63843		Valve Piston	4
6	97569		Pressure Spring 15.4x32.8x1.6	4
7	97573		Adjusting Washer	8
8	97038		Thread Pipe Joint	4
9	95633		Dowel Pin 21x28	8
10	45647		Gasket	4
11	98633		High Pressure Hose 0.92m long	2
12	98770		High Pressure Hose 0.285m long	4
13	98812		Threaded Pipe Joint	2





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Variable-Delivery Fuel Pump

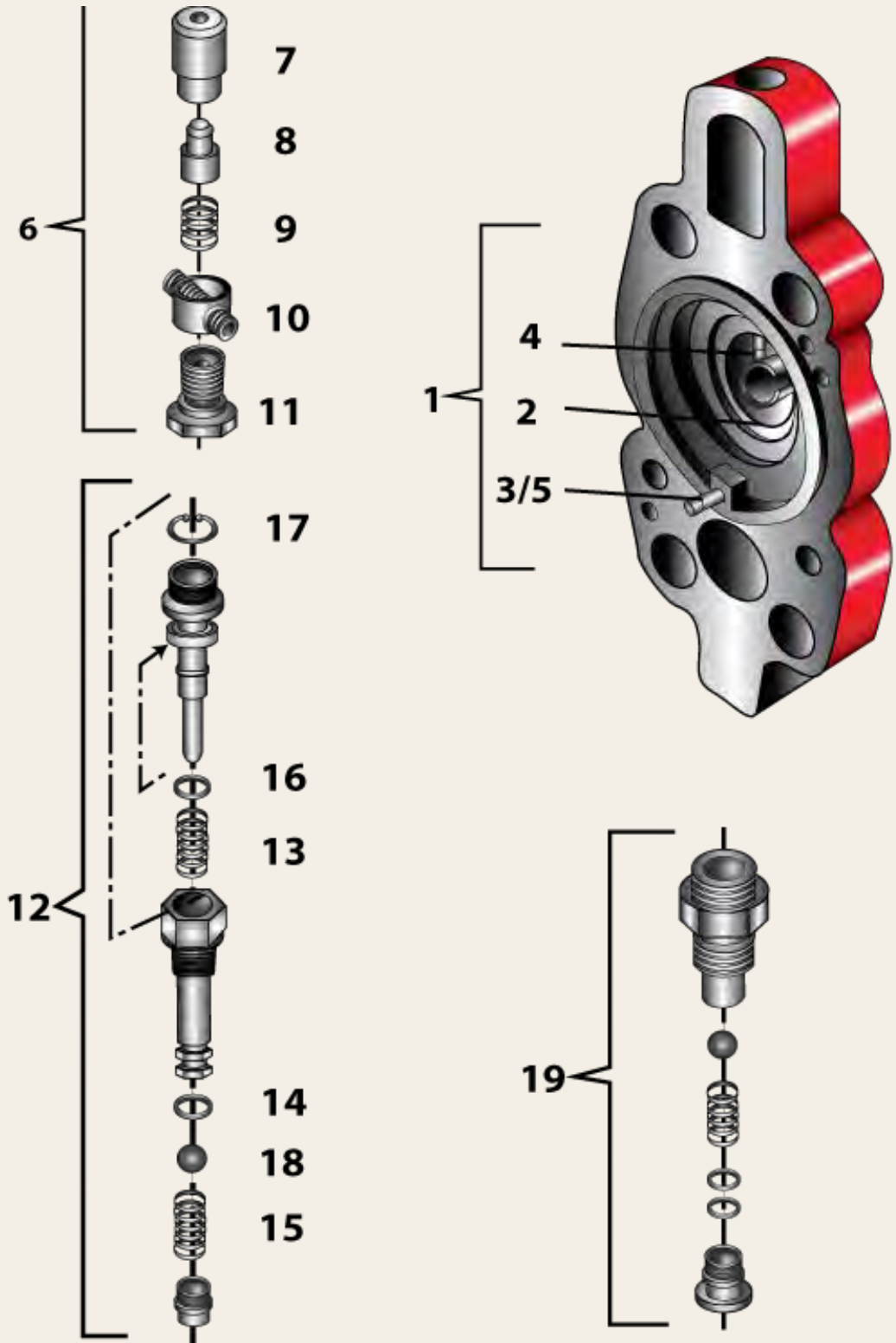
Parts # 66948

Parts Book

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Spare Parts List

Pos	Order No.	Pg	Description	Qty
	66948		Variable-Delivery Fuel Pump	1
1	90002		Sealing Ring A18x22	2
2	93055		Plug Screw M18x1.5	2
3	62125		Pressure Piece cmpl	1
4	62124		Push Cap	1
5	97332		Adjusting Washer 8.2x19.8x0.3	1
5	97333		Adjusting Washer 8.2x19.8x0.5	1
5	97334		Adjusting Washer 8.2x19.8x0.6	1
5	97348		Adjusting Washer 8.2x19.8x0.4	1
6	62126		Push Rod	1
7	22046		Pressure Spring 14.5x34x1	1
8	90150		Dowel Pin 6x40	1
9	22049		Screen Pin	1
10	22044		Pressure Spring 5.5x20x1.2	1
11	91296		O Ring 22x3	1
12	22052		Cam	1
13	22051		Cam	1
14	22245		Spring	1
15	22043		Pump Lever Pin	1
16	41869		Pump Lever	1
17	22062		Swivel Spring	1
18	92996		O Ring 35x2.5	1
19	22060		Pressure Spring 28x67.2x3.5	1
20	22058		Spring Retaining Collar	1
21	22059		Conical Ring (2 pcs)	1
22	43287		Guide Sleeve	1
23	43994		Holder Ring	1
24	94315		Dowel Pin 28x80	4
25	92031		Sealing Ring A20x24	1
26	93456		Locking Screw M8x50	1
27	43308		Switch Shaft	1
28	67207		Pump Element 32mm	1
29	95933		O Ring 42x3	1
30	91322		O Ring 44x3	1
31	91339		O Ring 40x2.5	1
32	22040		Rope Disc	1
33	43289		Pump Body	1
34	90137		Dowel Pin 6x28	1
35	90155		Dowel Pin 5x40	1
36	17546		Regulating Rope	2
37	43291		Pump Cover	1
38	60827		Check-Non-Return Valve	1
39	41863		Suction Valve	1
40	41868		Stop Valve	1





Pump Cover

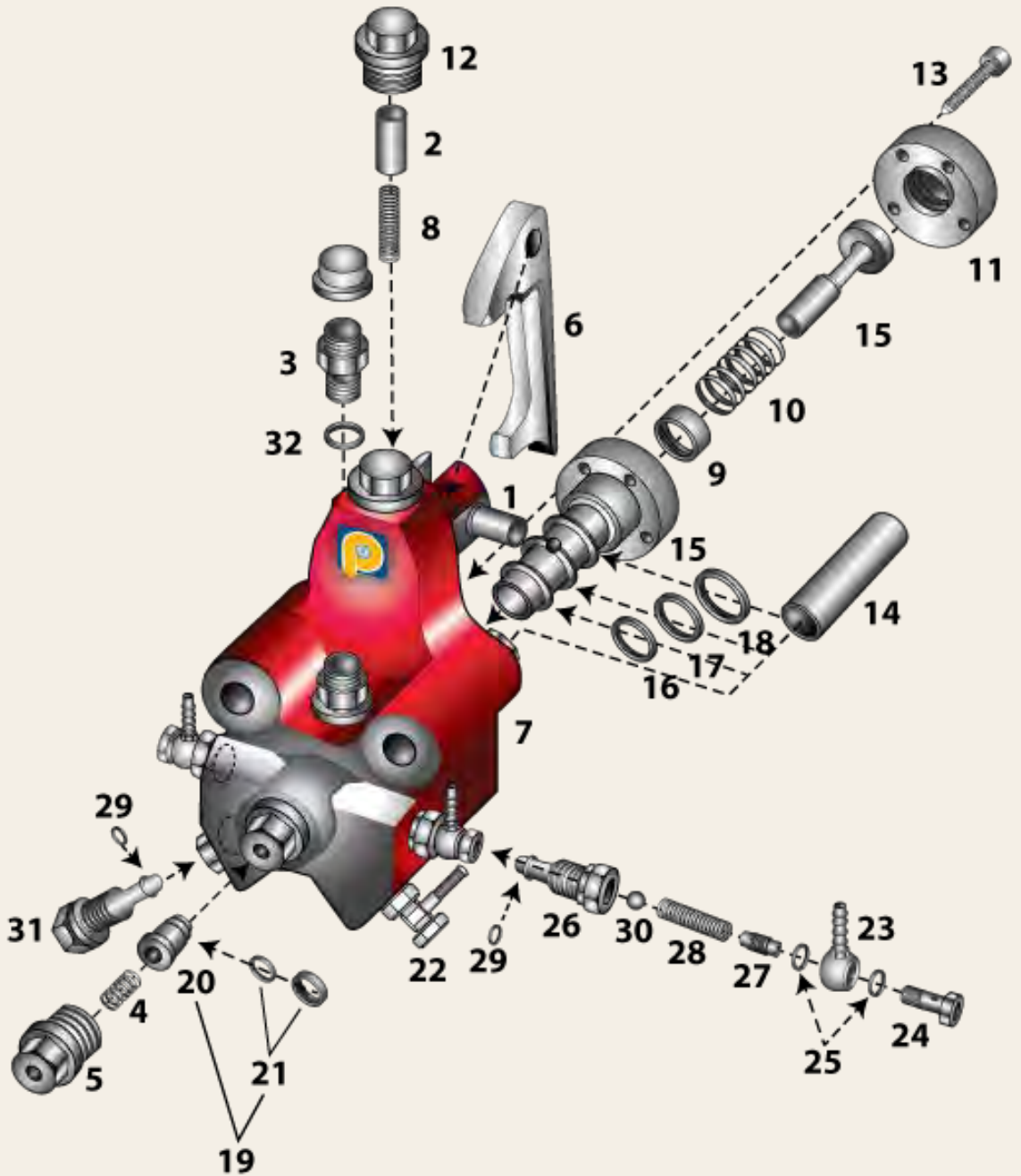
Parts # 43291

Parts Book

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Spare Parts List

Pos	Order No	Pg	Description	Qty
1	43291		Pump Cover cml	1
2	22050		Ring	1
3	22796		Stop	1
4	43307		Stop Pin	1
5	90231		Dowel Pin 10x32	1
6	60827		Check-Non-Return Valve cml.	1
7	43287		Housing	1
8	43299		Valve Piston	1
9	22034		Pressure Spring	1
10	60195		Ring Nipple	1
11	60194		Screw	1
12	41868		Stop Valve cml.	1
13	43279		Pressure Spring	1
14	94316		O Ring 12x3	1
15	98929		Pressure Spring	1
16	91894		O Ring 8x3	1
17	95768		Circlip 20x1	1
18	98511		Ball 8.73mm	1
19	41863		Suction Valve cml.	1





Lube Pump

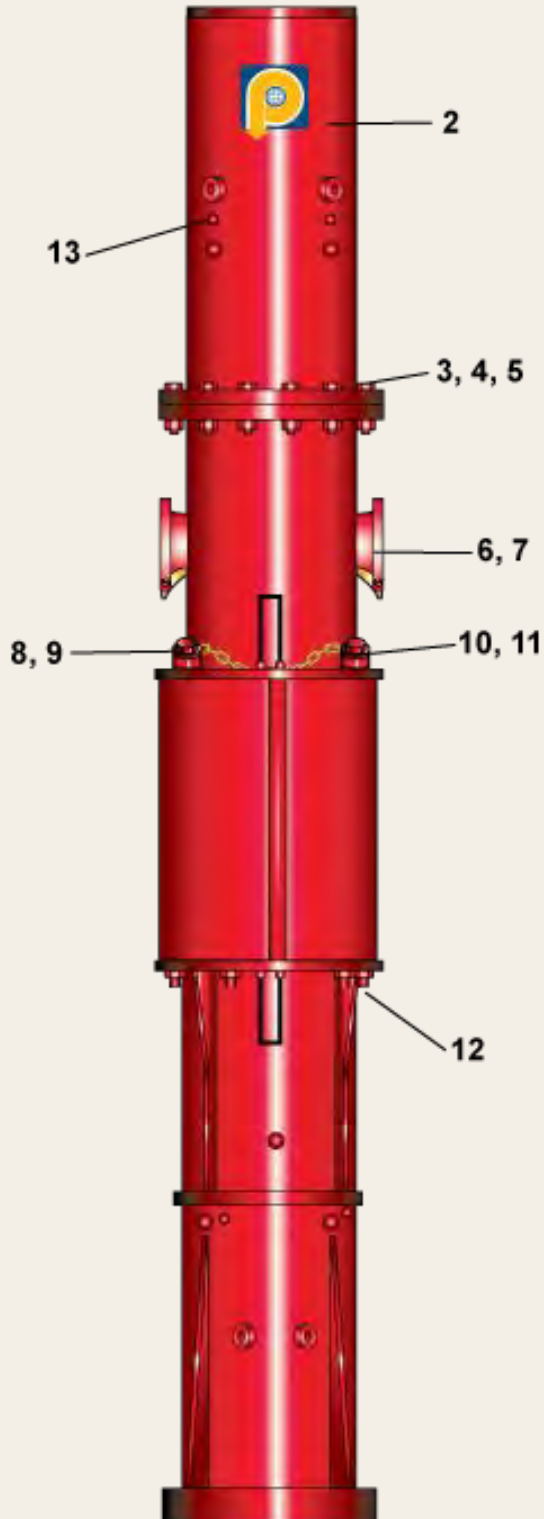
Parts # 108325

Parts Book

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Spare Parts List

Pos	Order No.	Pg	Description	Qty
	108325		Lube Pump cmpl	2
1	22082		Pump Lever Pin	2
2	22090		Sleeve	2
3	67290		Adaptor	2
4	190479		Pressure Spring7.3x29.4x1.2	2
5	108307		Plug Screw	2
6	22081		Pump Lever	2
7	108315		Pump Body	2
8	22089		Pressure Spring 10x43x2	2
9	67283		Ring	2
10	97325		Pressure Spring22x52x2.8	2
11	67282		Washer	2
12	91976		Plug Screw	2
13	90937		Screw M8x35	8
14	94315		Dowel Pin 28x80	4
15	67279		Cylinder cmpl	2
16	91296		O Ring 22x3	2
17	91357		O Ring 26x3	2
18	92952		O Ring 30x3	2
19	67284		Piston cmpl.	2
20	67285		Piston	2
21	97326		Slide Ring	2
22	108317		Pressure Valve cmpl.	6
23	97949		Ring Nipple	6
24	97948		Hollow Screw	6
25	91417		Sealing Ring A12x15.5	12
26	108319		Adaptor	6
27	104679		Plug Screw	6
28	190005		Pressure Spring 5x36x0.8	6
29	97855		O Ring 8x2	8
30	90307		Ball 6.000 VI DIN 5401	6
31	108316		Plug Screw	2
32	92031		Sealing Ring A20x24	2





Cylinder Upper Part

Parts # 109840

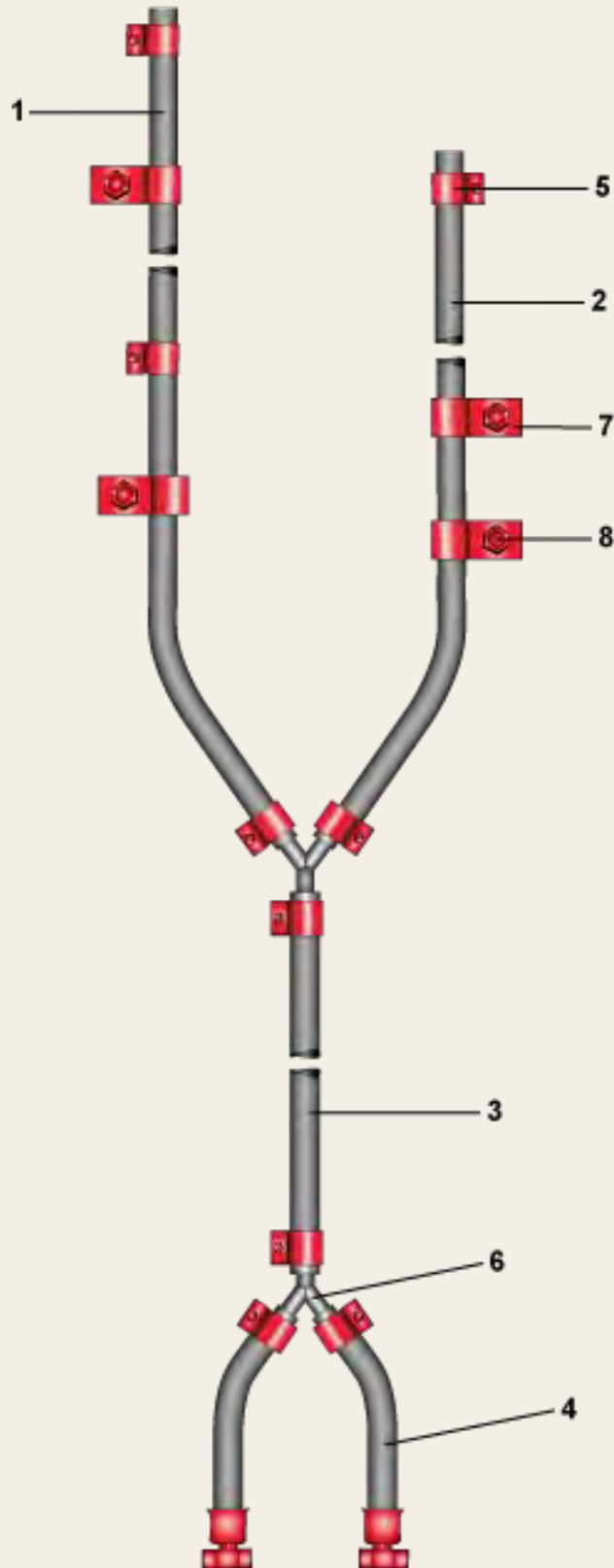
Parts Book

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Spare Parts List

Pos	Order No.	Pg	Description	Qty
	109840		Upper Cylinder cmpl.	1
1	109841		Upper Cylinder	1
2	138902		Upper Endring	1
3	91929		Hex Bolt M24x120	12
4	90091		Hex Nut M24	12
5	217997		Washer S24	12
6	17039		Ratchet	2
7	90044		Dowel Pin 13x60	2
8	17186		Plug Screw "Diesel" cmpl.	2
9	2253		Chain Link	2
10	17188		Plug Screw "Oil" cmpl.	1
11	2253		Chain Link	1
12	64403		Filter Elbow	4
13	90791		Grease Nipple	2

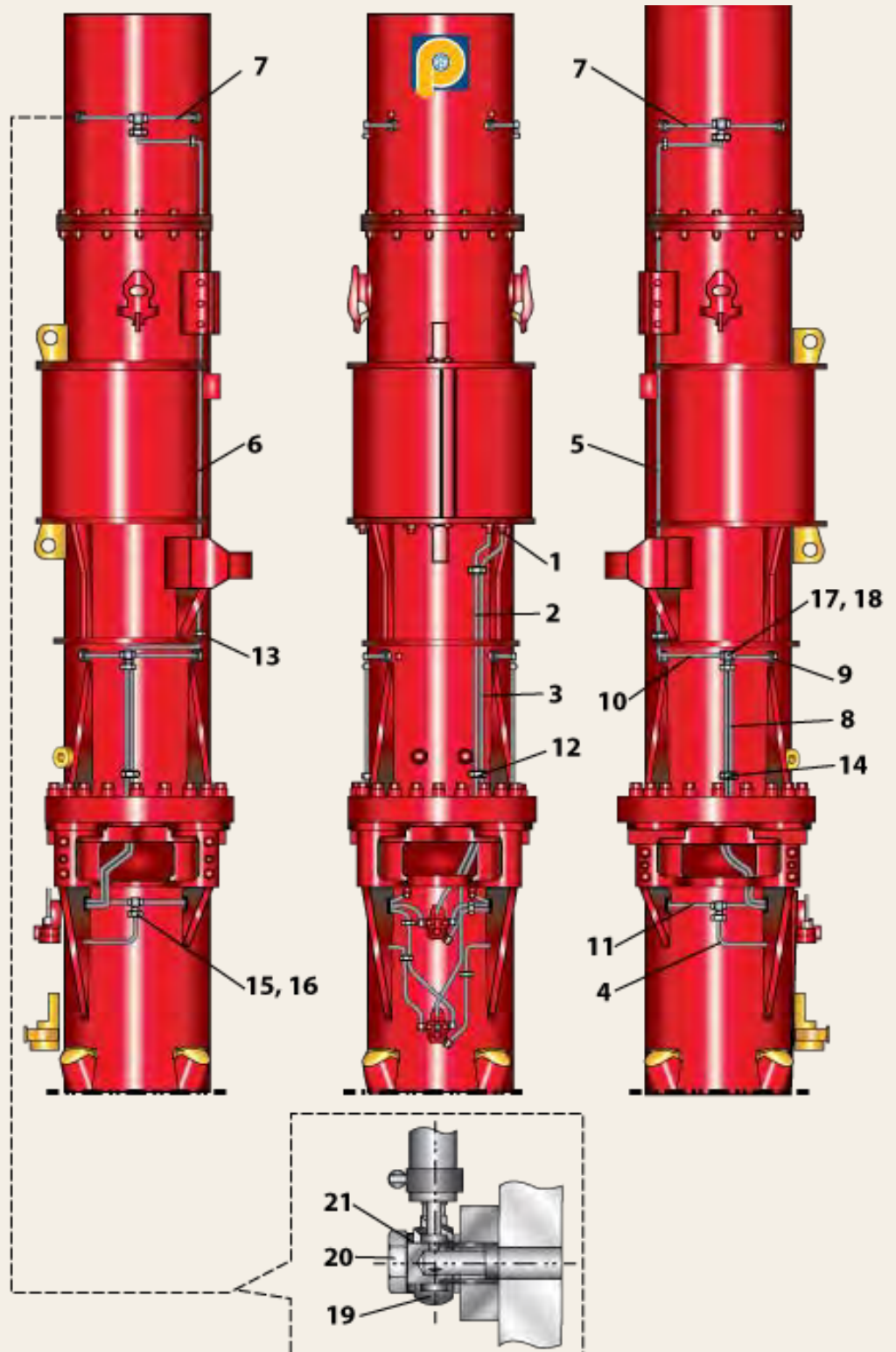






Pos	Order No.	Pg	Description	Qty
	41950		Fuel / Breather Line cmpl	1
1	41953		Hose 2.19m long	1
2	41952		Hose 1.9m long	1
3	41951		Hose 0.72m long	1
4	96504		Hose 0.275m long	2
5	94299		Hose clamp 5/8-1"	8
6	99019		Y-Piece	2
7	41980		Clip	4
8	93412		Locking Screw M8x12	4



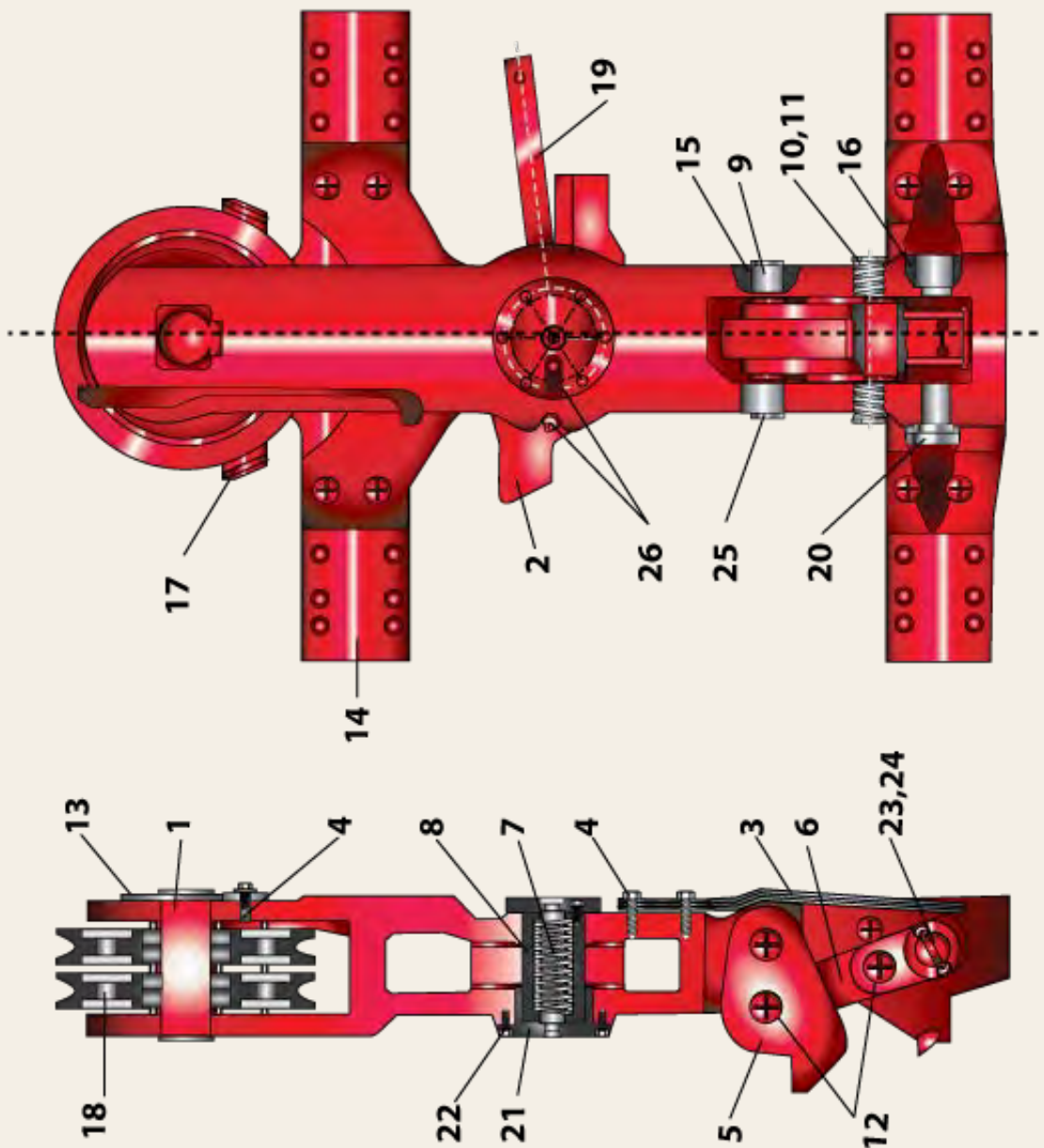




Pos	Order No.	Pg	Description	Qty
	109854		Lube Line with Connecting Parts	
1	94299		Hose Clamp 5/8"-1"	2
2	98549		Hose 2m long	1
3	98561		Hose 2.5m long	1
4	109862		Hose 1m long	2
5	43323		Hose 5.24m long	1
6	109864		Hose 4.8m long	1
7	43328		Hose 0.37m long	4
8	109861		Hose 1.65m long	2
9	41988		Hose 0.22m long	2
10	41989		Hose 0.31m long	2
11	41987		Hose 0.45m long	4
12	41965		Clip	2
13	41982		Clip	6
14	43478		Clip	6
15	2932		Clip	4
16	93412		Locking Screw M8X12	28
17	94522		T-Piece	6
18	95115		Hose Clamp 7/16-5/8"	36
19	97949		Ring Nipple	12
20	97948		Hollow Screw	12
21	91417		Sealing Ring	24

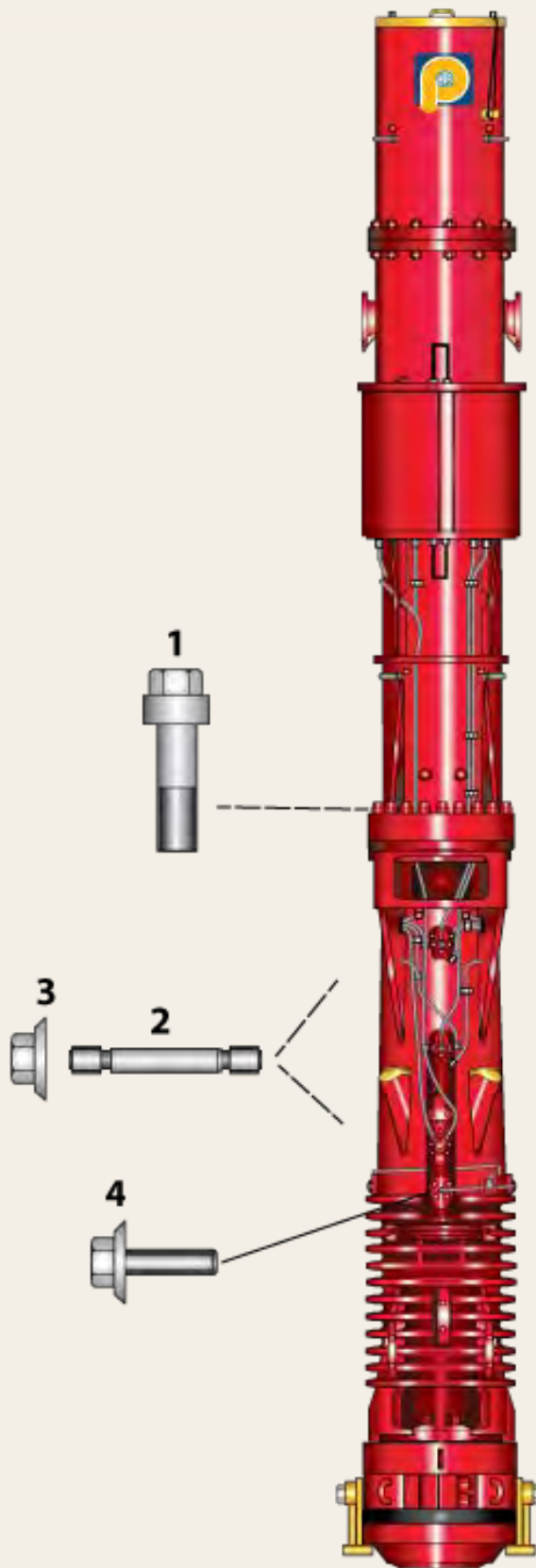


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Pos	Order No	Pg	Description	Qty
	41823		Starting Device cmpl.	1
1	41843		Sheave Pin	1
2	41844		Carrier	1
3	41850		Plate Spring	3
4	95639		Locking Screw M16x45	6
5	41845		Pawl	1
6	41847		Shackle	2
7	41851		Torsion Spring	1
8	41849		Shaft	1
9	41841		Shaft	1
10	98514		Pin	1
11	90638		Split Pin 10x80	2
12	41848		Joint Bolt	2
13	16802		Split Pin	1
14	22984		Guide Body	1
15	22986		Sleeve	2
16	22987		Sleeve	2
17	41842		Rope Guard	1
18	41839		Rope Pulley	2
19	41831		Lever	1
20	41824		Trip Cam with Lever	1
21	41835		Flange	1
22	91395		Cylinder Screw M12x30	12
23	90337		Dowel Pin 16x100	2
24	91410		Dowel Pin 10x100	2
25	90260		Circlip 60x2	2
26	90791		Grease Nipple M10x1	2





Set Connecting Parts

Part # 100254

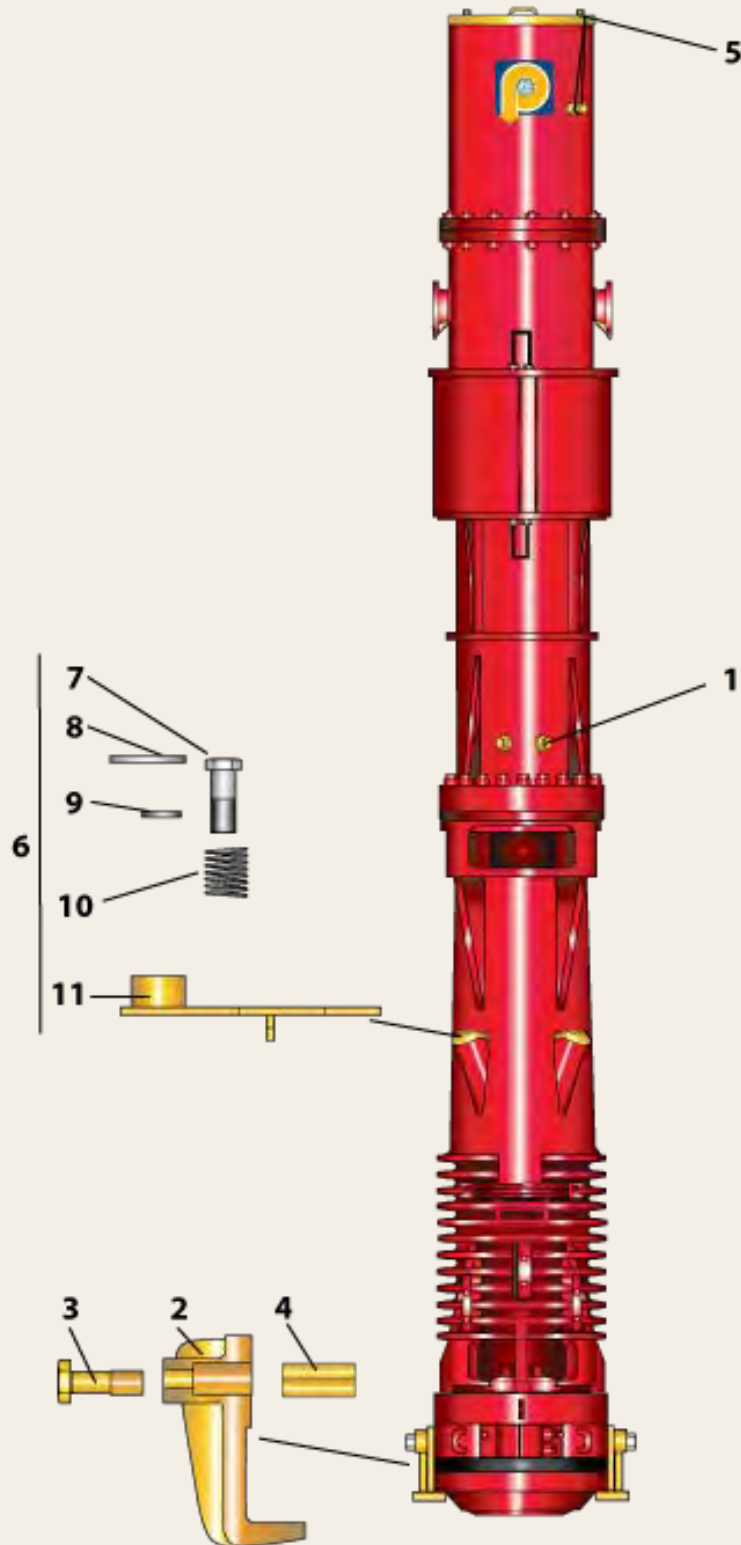
Parts Book

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Spare Parts List

Pos	Order No.	Pg	Description	Qty
	100254		Set Connecting Parts cml	1
			Upper Cylinder	
1	20038		Hex Bolt M36x210	18
			Fuel Pump	
2	20189		Stud Bolt M16	6
3	94722		Locking Nut M16	6
			Lube Pump	
2	20189		Pump Stud M16	4
3	94722		Locking Nut M16	4
			Injection Valve	
4	95639		Locking Bolt M16x45	16

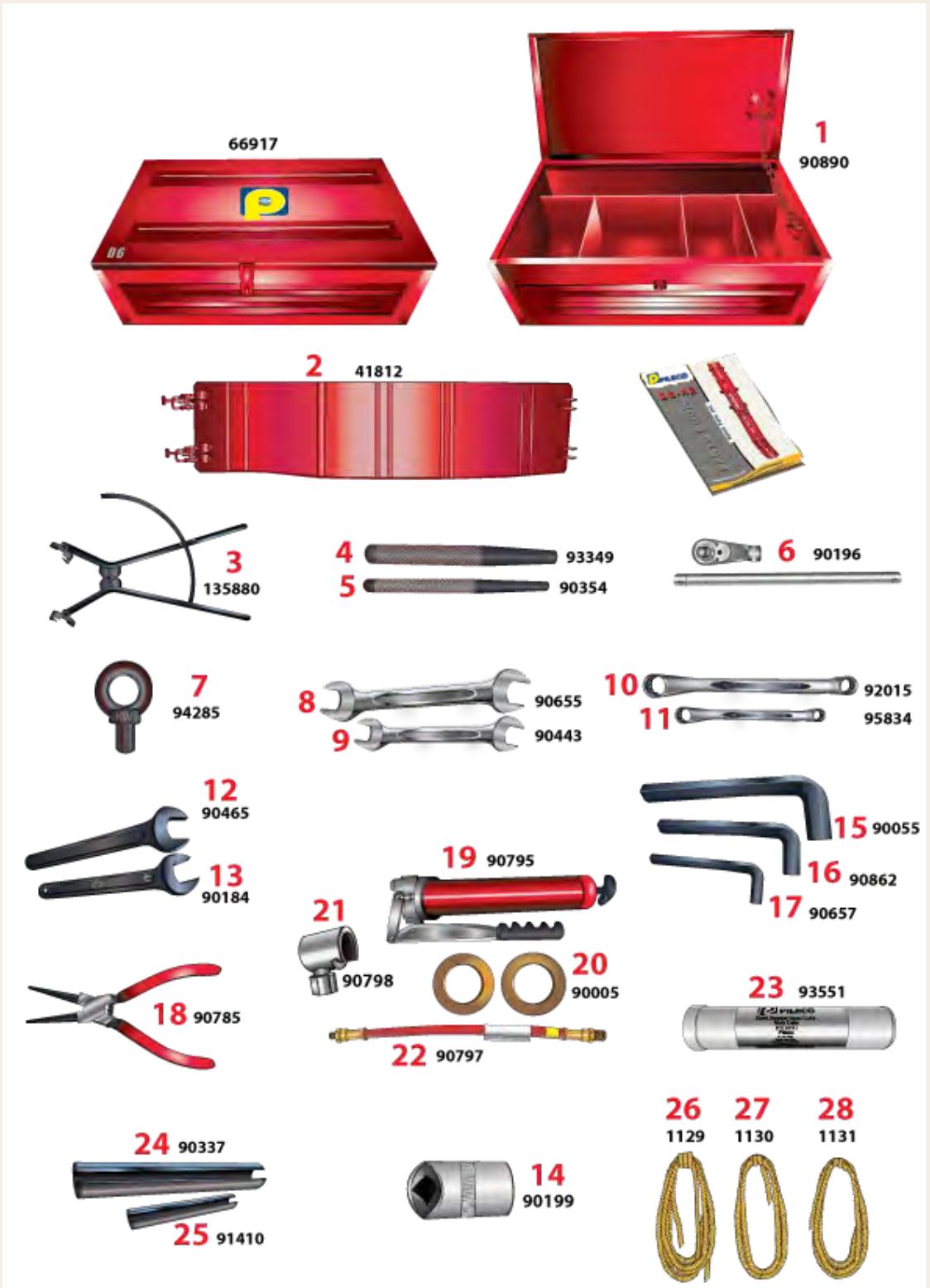






Pos	Order No	Pg	Description	Qty
	109844		Transport Protection Kit compl.	
1	105787		Locking Screw M42 × 3	2
2	41915		Impact Block Clamp	1
3	20174		Hex Bolt M24 × 165	1
4	95195		Dowel Pin 40 × 75	1
5	41940		Protection Cap	1
6	43237		Exhaust Cover compl.	4
7	20076		Hex Bolt	4
8	90661		Dowel Pin 5 × 50	4
9	91444		Dowel Pin 3 × 20	4
10	20082		Pressure Spring	4
11	43234		Cover	4







Pos	Order No	Pg	Description	Qty
1	90890		Toolbox cmpl	1
2	41812		Piston Ring Band	1
3	135880		Piston Ring Pliers	1
4	93349		Punch 12/16	1
5	90354		Punch 4/8	1
6	90196		Ratchet	1
7	90196		Ring Screw M56	1
8	90655		Wrench 30x32	1
9	90443		Wrench 19x22	1
10	92015		Wrench 17x19	1
11	95834		Wrench 22x24	1
12	90465		Wrench 27	1
13	90184		Wrench 46	1
14	90199		Socket SW46	1
15	90055		Allen Wrench 5	1
16	90862		Allen Wrench 6	1
17	90657		Allen Wrench 8	1
18	90785		Pliers A19	1
19	90795		Grease Gun	1
20	90005		Gasket	2
21	90798		Button Head Fitting	1
22	90797		Hose	1
23	93551		Molylube Grease	24
24	90337		Dowel Pin	2
25	91410		Dowel Pin	2
26	1129		Rope for Regulating fuel Pump	1
27	1130		Rope for Emergency Shut Off	1
28	1131		Rope for Tripping Device	1