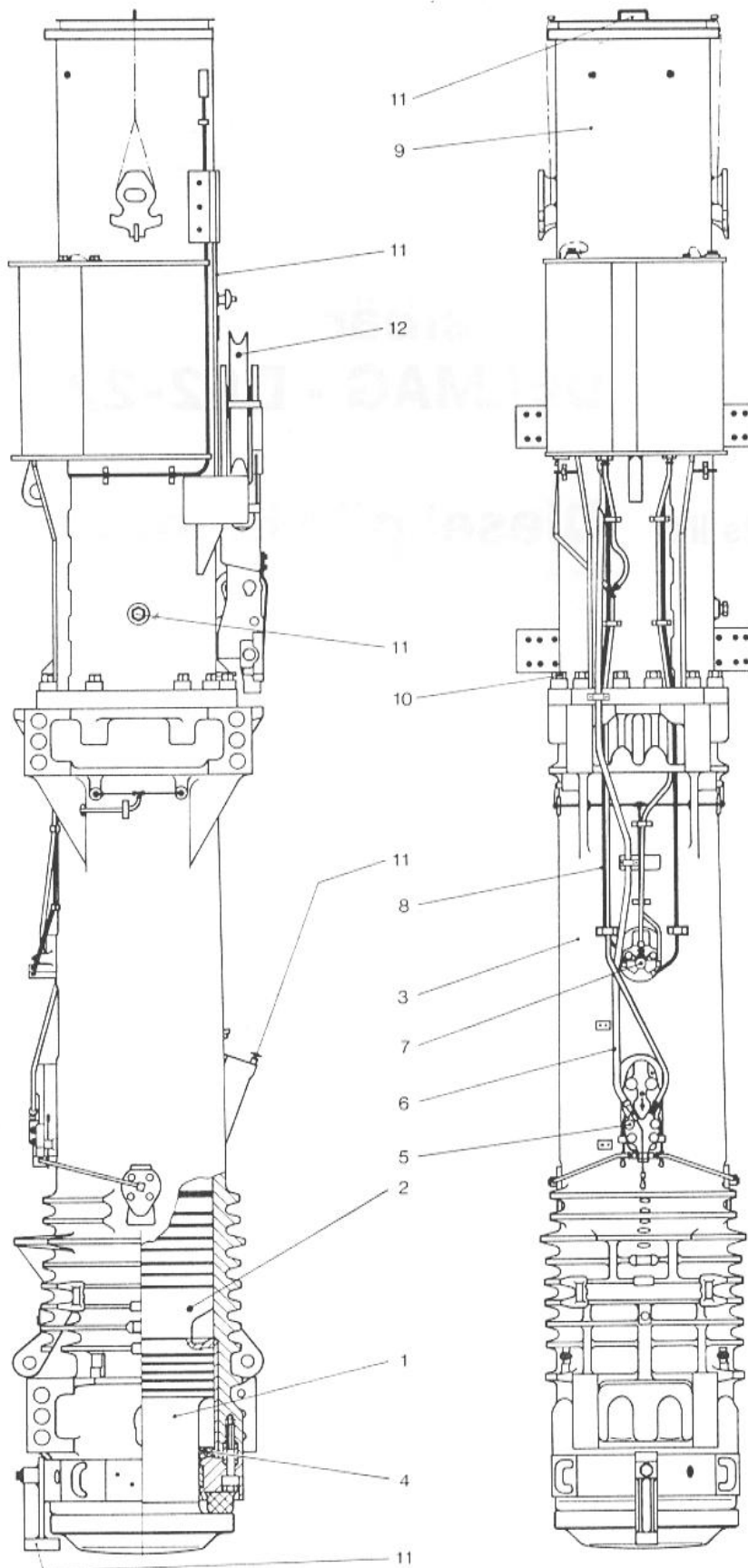


MODEL D62-42 DIESEL PILE HAMMER
D70-42

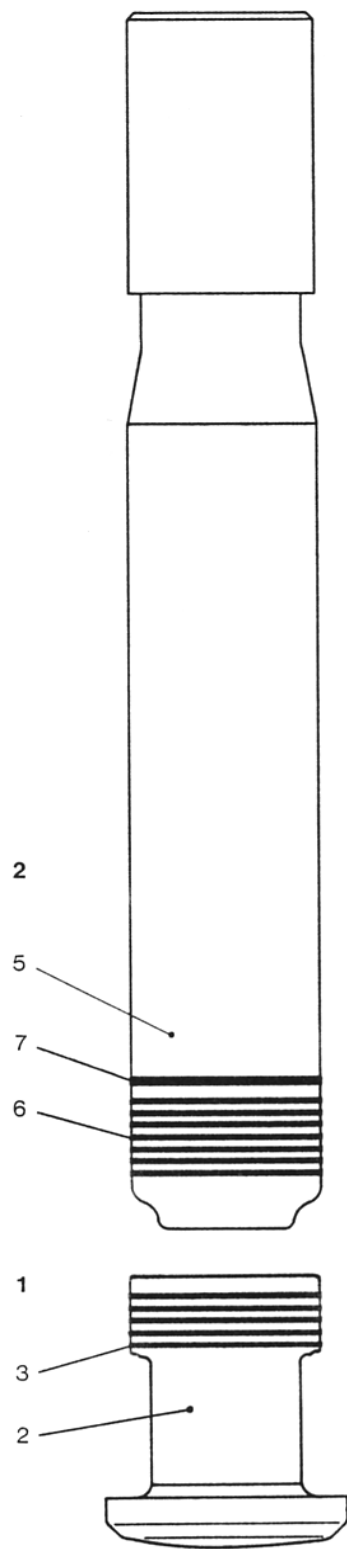


SPARE PARTS BOOK

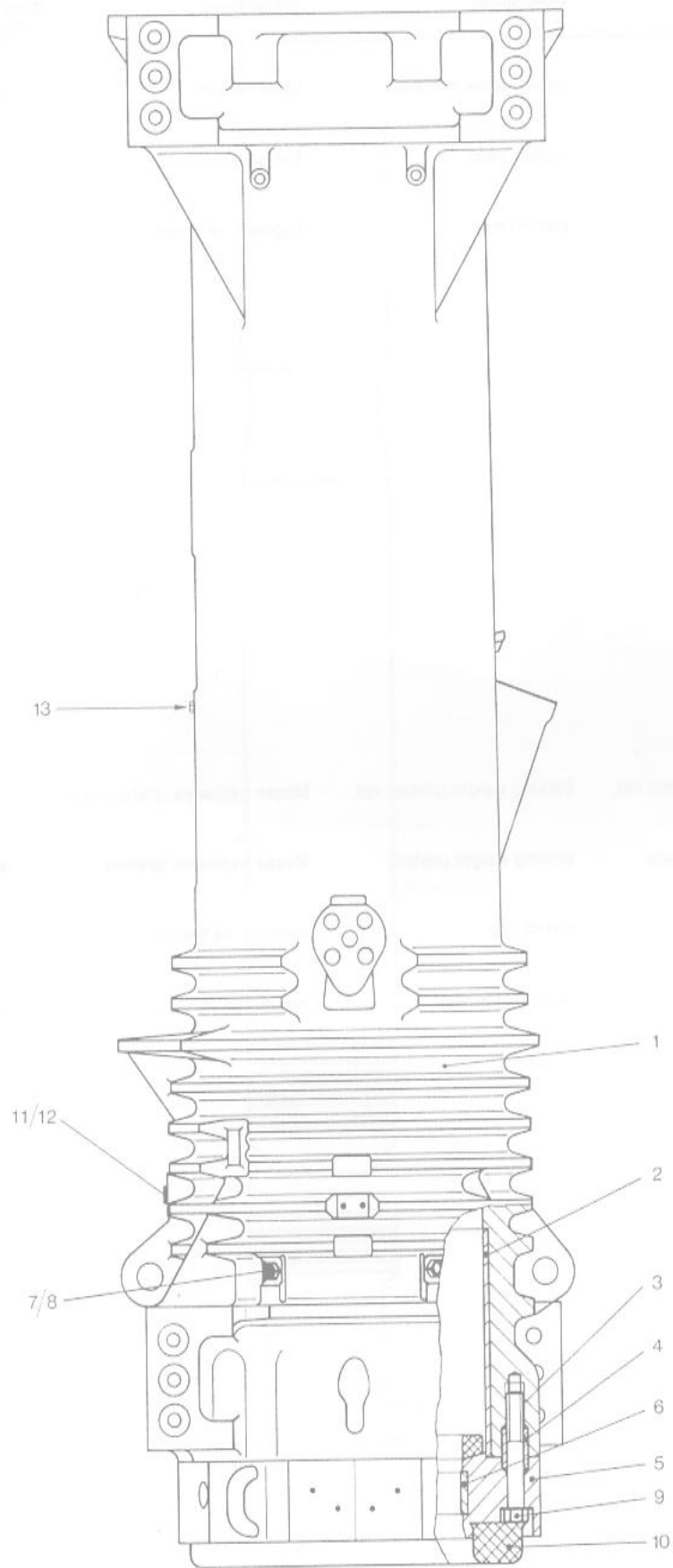
Corporate Office
7032 S. 196th Street
Kent, WA, USA 98032
Tel: 1-800-248-8498
Tel: 1-253-872-0141
Fax: 1-253-872-8710



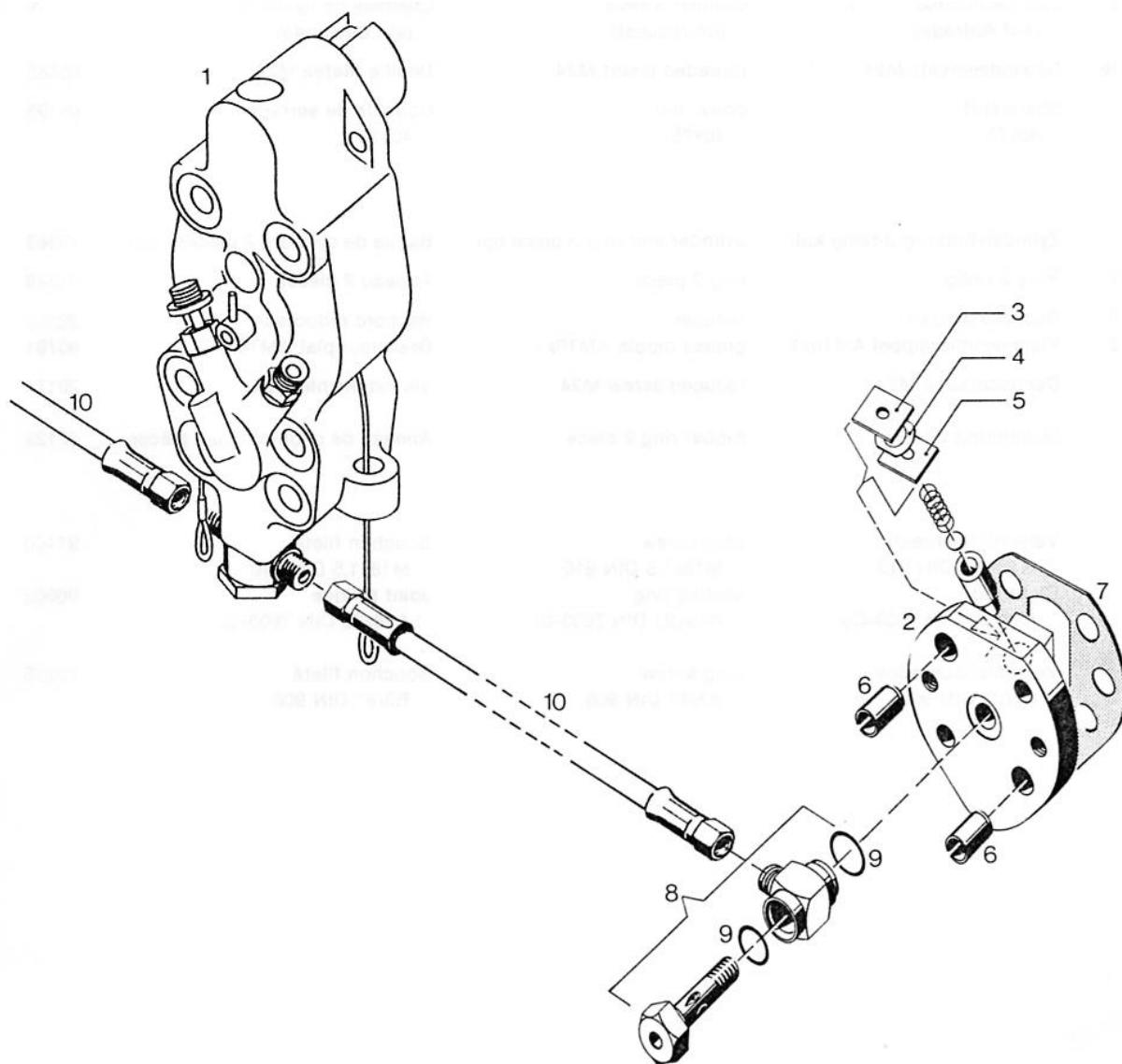
No.	Parts-No.	Description	Qty.	Order-No.
-	136.00	Diesel Pile Hammer D62-22	1	109068
1	136.08.00	Impact Block Complete(Page 3)	1	20001
2	136.09.00	Striking Weight (Piston)Complete(Page 3)	1	22559
3	136.01.00	Cylinder Lower Part Complete (Page 5)	1	100252
4	136.00-1	Inner Damping Ring	1	60835
5	136.02.00	Variable-Delivery Fuel Pump Complete (Page 7)	1	100258
6	136.11.00	Fuel Line/Breather Line Complete(Page 13)	1	109069
7	136.07.00	Lube Pump Complete(Page 15)	1	108325
8	136.12.00	Lube Line With Connecting Complete (Page 17)	1	109866
9	136.03.00	Cylinder Upper Part Complete(Page 19)	1	109870
10	136.06.00	Set Connecting Parts Complete(Page 21)	1	100254
11	136.10.00	Transport Protecting Kit Complete(Page 23)	1	100249
12	136.05.00	Trip Gear Complete(Page 25)	1	104953
	136.16.00	Tool Box Complete(Page 27)	1	100266
*	135.14.00	Guide Clamp	4	100283
*	136.15.00	Guide Gib	4	100266



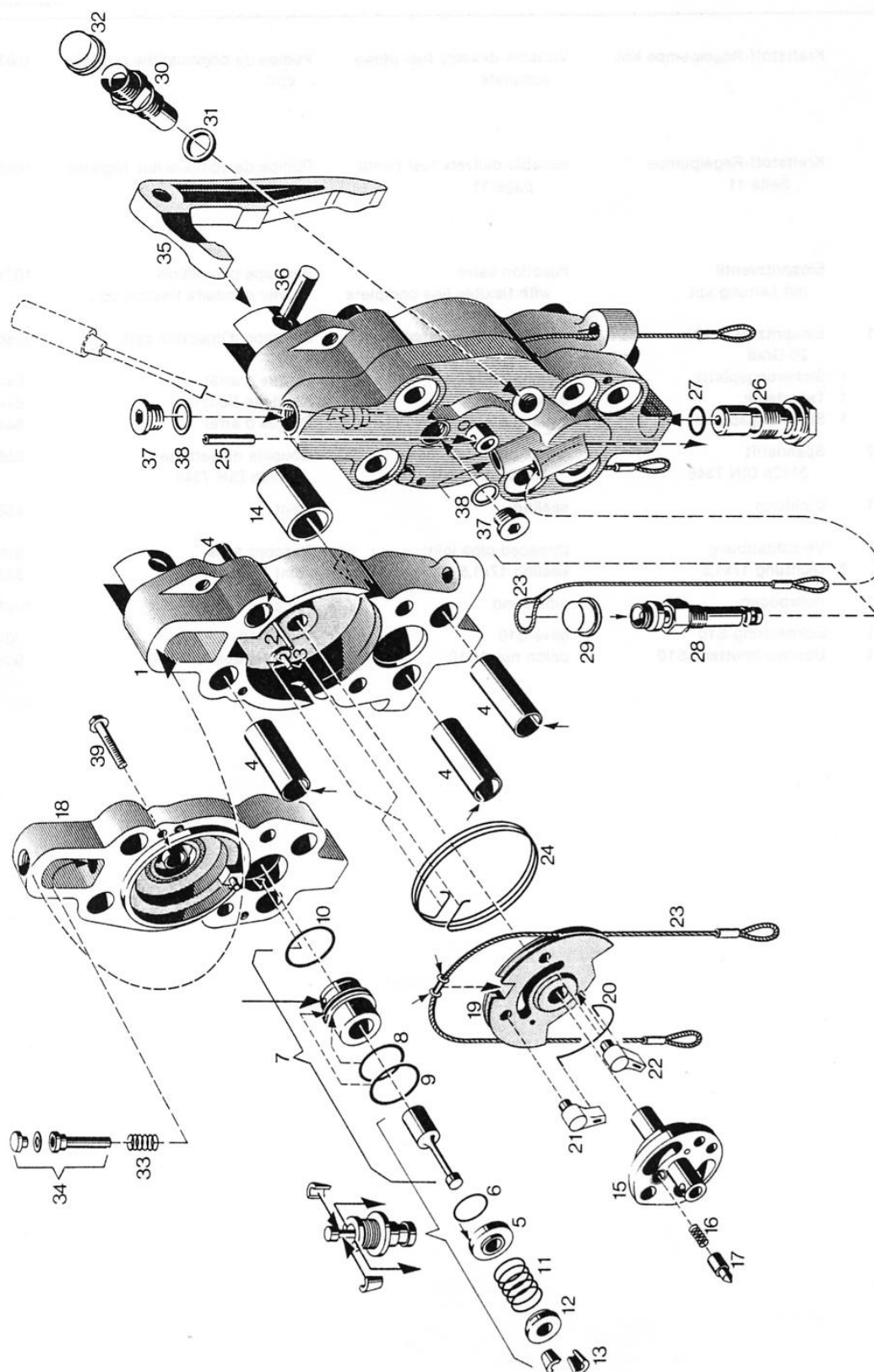
No.	Parts-No.	Description	Qty.	Order-No.
1	136.08.00	Impact Block Complete	1	20001
2	136.08.00-1	Impact Block	1	20002
3	136.08.00-2	Piston Ring	5	16626
4	136.09.00	Striking Weight (Piston) Complete	1	22559
5	136.09.00-1	Striking Weight (Piston)	1	41330
6	136.08.00-2	Piston Ring	7	16626
7	136.09.00-2	Catch Piston Ring	1	16623



No.	Parts-No.	Description	Qty.	Order-No.
-	136.01.00	Cylinder Lower Part Complete	1	100252
1	136.01.01	Cylinder Lower Part	1	100220
2	136.01.01-2	Cylinder Sleeve (On Request)	2	17654
3	136.01.01-3	Threaded Insert M30	24	95234
4	136.01.01-4	Tension Bush	24	94281
5	136.01.02.01	Cylinder End Ring 2 Piece Complete	1	103419
6	136.01.02-1	Ring 2 Piece	1	17325
7	135.01.02-2	Reducer	2	22952
8	135.01.02.02A	Grease Nipple M10×1	2	90791
9	136.01.00-2	Reduced Screw M36	12	20038
10	136.01.00-1	Rubber Ring 2 Piece	1	20036
11	JB/T1000-1977	Plug Screw M1 8×1.5 DIN910	2	91460
12	135.01.00-2	Sealing Ring A18×22 DIN7603-Cu	2	90002
13	135.01.00-4	Plug Screw R3/8” DIN908	1	93235

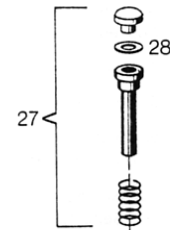
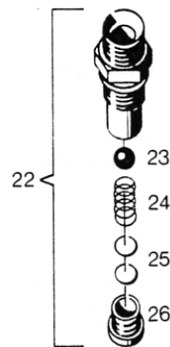
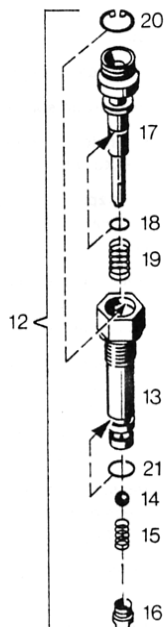
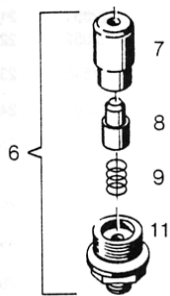
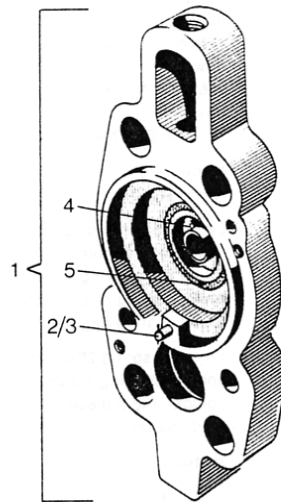


No.	Parts-No.	Description	Qty.	Order-No.
-	136.02.00	Fuel Injection Device	1	200258
1		Variable-Delivery Fuel Pump Complete (Page 11)		200259
	136.02.02	Injection Valve Complete	2	104675
2	136.02.02-1	Injection Valve Body 20°	2	104676
3	135.02.07-3	Locking Plate	2	64460
4	135.02.07-2A	Spring Washer	2	64461
5	135.02.07-3	Locking Plate	2	64460
6	135.02.07-5	Pressure Spring	2	97569
7	135.02.07-7	Adjusting Washer	4	97573
8	135.02.07-4	Valve Piston	2	63843
9	135.02.00-28	Sealing	2	45647
10	135.02.00-27	Dowel Pin 21×28 DIN7346	4	95633
11	135.02.00-26	Threaded Pipe Joint	2	97038
12	135.02.00-32	Round Sealing Ring 17×1.5	4	97258
13	135.02.00-33	Hollow Screw	2	
14	136.02.01A	High Pressure Hose Line	2	97174

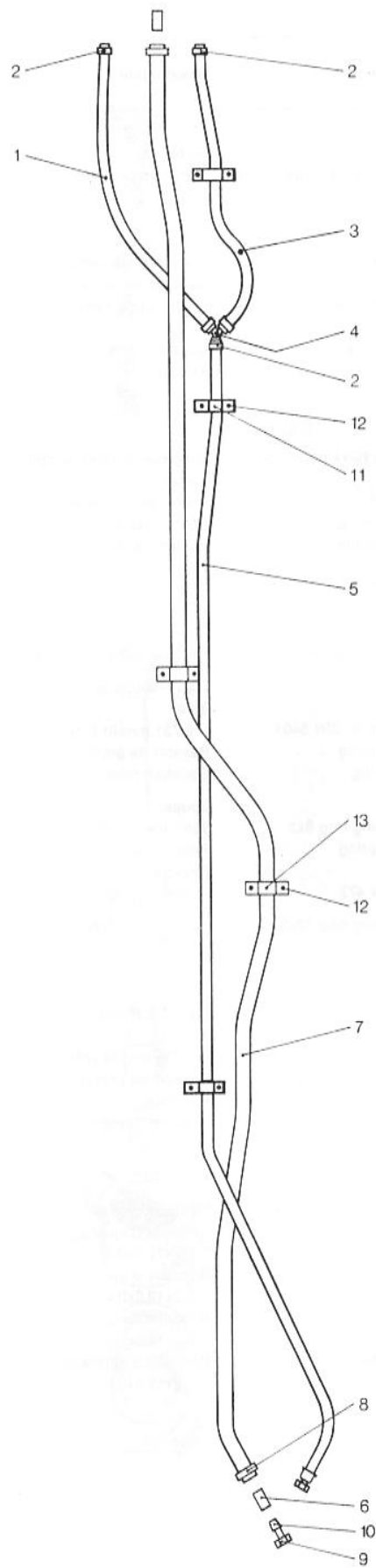


No.	Parts-No.	Description	Qty.	Order-No.
-	136.02.00	Variable-Delivery Fuel Pump Complete	1	100259
1	135.02.05	Pump Body Complete	1	43289
2	GB/T879-1986	Dowel Pin 5×40 DIN1481	1	90155
3	GB/T879-1986	Dowel Pin 6×28 DIN1481	1	90137
4	135.02.00-25	Dowel Pin 28×80 DIN7346	4	94315
5	135.02.00-24	Holder Ring	1	43994
6	135.02.00-19	Round Sealing Ring 35×2.5	1	92996
7	135.02.03	Pump Element Complete	1	67218
8	135.02.03-3	Round Sealing Ring 40×2.5	1	91339
9	135.02.03-2	Round Sealing Ring 47×2.5	1	96080
10	135.02.03-1	Round Sealing Ring 42×3	1	95933
11	135.02.00-20	Pressure Spring	1	22060
12	135.02.00-21	Spring Retaining Collar	1	22058
13	135.02.00-22	Conical Ring 2 Piece	1	22059
14	135.02.00-23	Guide Sleeve	1	43287
15	135.02.01	Switch Shaft	1	43308
16	135.02.00-11	Pressure Spring 5.5×20×1.2	1	22044
17	135.02.00-10	Screen Pin	1	22049
18	135.02.02	Pump Cover Complete Page 11	1	43291
19	135.02.04	Rope Disc Complete	1	22040
20	135.02.00-15	Spring	1	22245
21	135.02.00-13	Cam	1	22052
22	135.02.00-14	Cam	1	22051
23	135.02.11	Regulation Rope	1	17546
24	135.02.00-18	Swivel Spring	1	22062
25	GB/T879-1986	Dowel Pin 6×40 DIN1481	1	90150
26	135.02.06	Check-Non-Return Valve Complete(Page 11)	1	60827
27	135.02.00-12	Round Sealing Ring 22×3	1	91296
28	135.02.10	Stop Valve Complete(Page 11)	1	41868
29	135.02.00-31	Protecting Cap	2	93236
30	135.02.09	Suction Valve Complete(Page 11)	1	41863
31	135.02.00-29	Sealing Ring A20×24 DIN7603-Cu	1	92031
32	135.02.00-31	Protecting Cap	2	93236
33	135.02.00-8	Pressure Spring 14.5×34×1	1	22046
34	135.02.00-9	Push Rod	1	62126
	135.02.00-3	Push Cap	1	62124
	135.02.00-4	Adjusting Washer 8.2×19.8×0.3	1	97332
	135.02.00-5	Adjusting Washer 8.2×19.8×0.4	1	97348

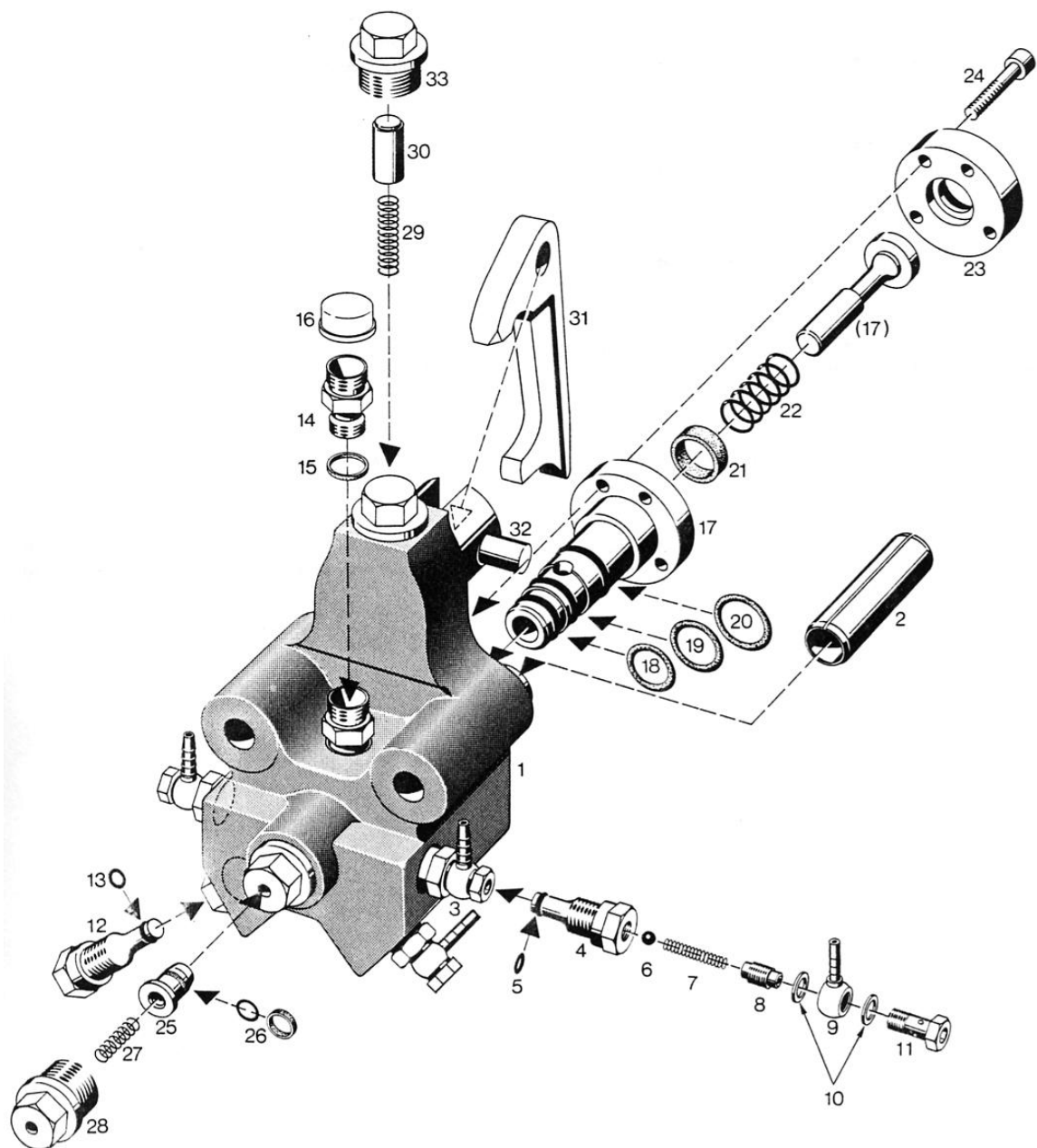
No.	Parts-No.	Description	Qty.	Order-No.
	135.02.00-6	Adjusting Washer 8.2×19.8×0.5	1	97333
	135.02.00-7	Adjusting Washer 8.2×19.8×0.6	1	97334
35	135.02.00-17	Pump Lever	1	41869
36	135.02.00-16	Pin	1	22043
37	JB1001	Plug Screw M18×1.5 DIN908	2	93055
38	135.02.00-1	Sealing Ring A18×22 DIN7603-Cu	2	90002
39	GB/T5782-1986	Locking Screw M8×50 DIN7603-Cu	1	93456



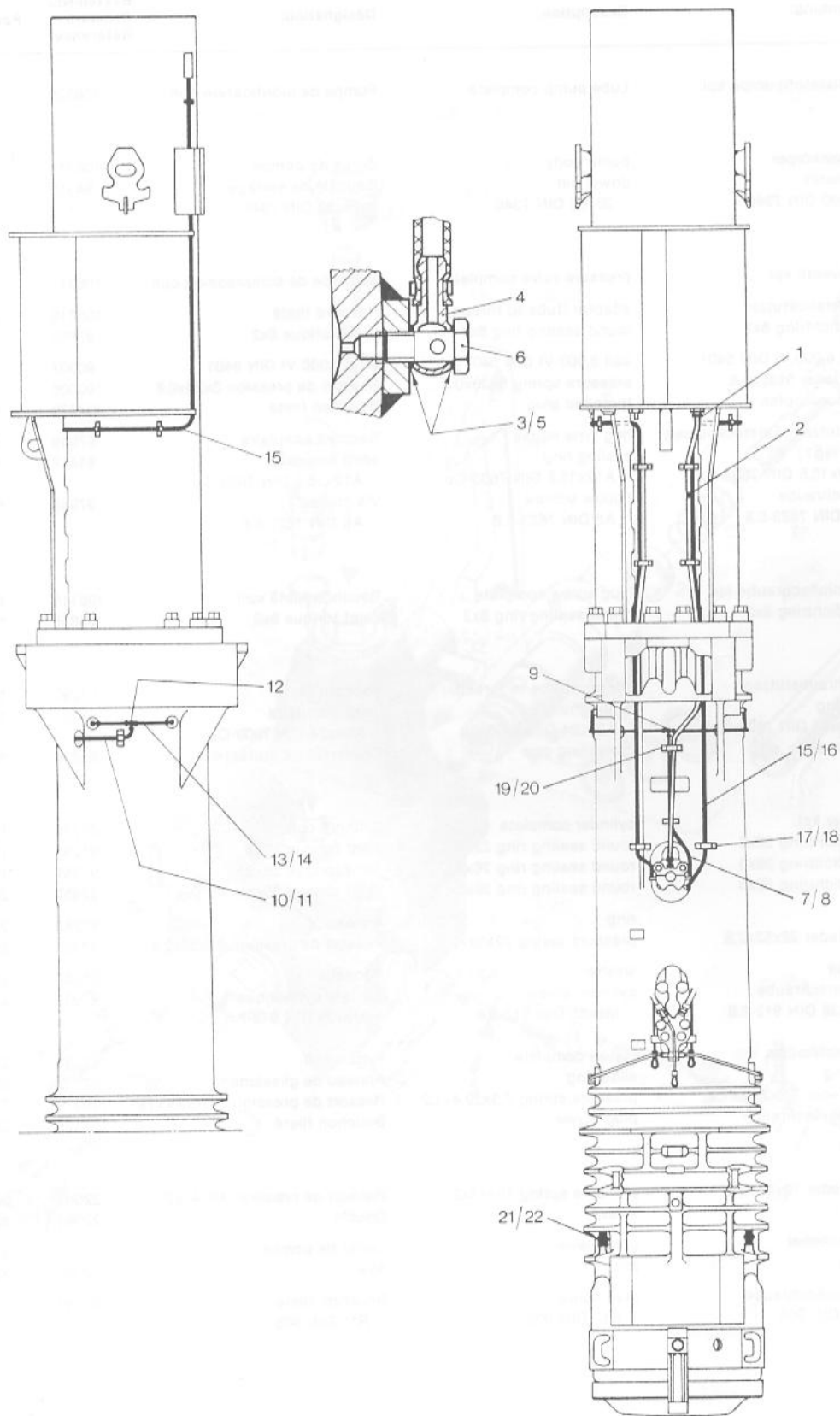
No.	Parts-No.	Description	Qty.	Order-No.
	136.02.00	Variable-Delivery Fuel Pump Complete	1	100259
1	135.02.02	Pump Cover Complete	1	43291
2	GB/T879-1986	Dowel Pin 10×32	1	90231
3	135.02.02.01	Stop	1	22796
4	135.02.02-3	Stop Pin	1	43307
5	135.02.02-2	Ring	1	22050
6	135.02.06	Check-Non-Return Valve Complete	1	60827
7	135.02.06-1	Housing	1	43297
8	135.02.06-2	Valve Piston	1	43299
9	135.02.06-3	Pressure Spring	1	22034
10	135.02.06-4	Screw	1	60195
11	135.02.06-4	Ring Type Nipple	1	60194
12	135.02.10	Stop Valve Complete	1	41868
13	135.02.10-7	Valve Screw	1	43130
14	GB/T308-1989	Ball Φ8.731	1	98511
15	135.02.10-5	Pressure Spring	1	98929
16	135.02.10-4	Threaded Plug	1	22021
17	135.02.10-1	Valve	1	43138
18	135.02.10-6	Round Sealing Ring 8×3	1	91894
19	135.02.10-2	Pressure Spring	1	43279
20	GB/T893-1986	Circlip 22×1 DIN 472	1	95786
21	135.02.10-3	Round Sealing Ring 12×3	1	94316
22	135.02.09	Suction Valve Complete	1	41863
23	GB/T308-1989	Ball Φ8.731	1	98511
24	135.02.09-2	Pressure Spring 7.3×8×0.7	1	22022
25	135.02.09-3	Washer	1	22023
26	135.02.09-4	Threaded Plug	1	41862
27	135.02.09-1	Sleeve	1	41861
28	135.02.09-5	Washer	1	22023
	135.02.09-6	Adjusting Washer	1	191300



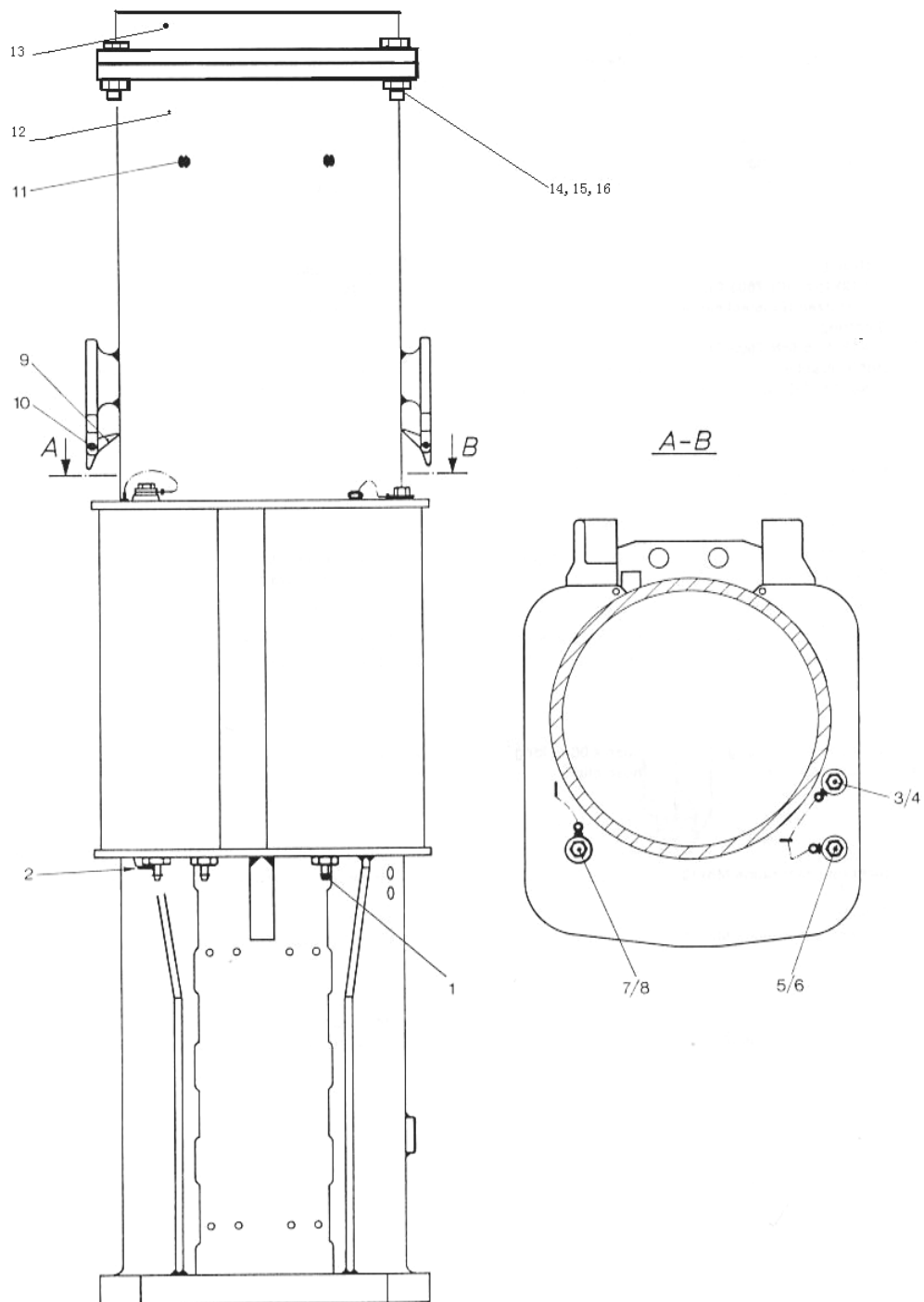
No.	Parts-No.	Description	Qty.	Order-No.
-	136.11.00	Fuel Line/Breather Line Complete	1	109069
1	136.11.00-2	Hose (0.8m Long)	1	17332
2	No.0	Hose Clip	2	94299
3	136.11.00-3	Hose (0.48m Long)	1	99066
2	No.0	Hose Clip	2	94299
4	135.11.01A	Y-Piece	1	99019
5	136.11.00-3	Hose (2.12m Long)	1	191226
2	No.0	Hose Clip	1	94299
6	136.11.03-3	Hose (0.03m Long)	2	191228
7	136.11.00-5	Hose (2.6m Long)	1	191227
8	No.1A	Hose Clip	2	95346
9	136.11.00-8	Union Nut	1	98831
10	136.11.00-9	Push-In Nipple	1	191229
11	136.11.00-4	Clip	3	100268
12	135.12.00-8	Locking Screw M8×12	6	93412
13	136.11.00-7	Clip	2	66951
14	135.12.00-8	Locking Screw M8×12	4	93412



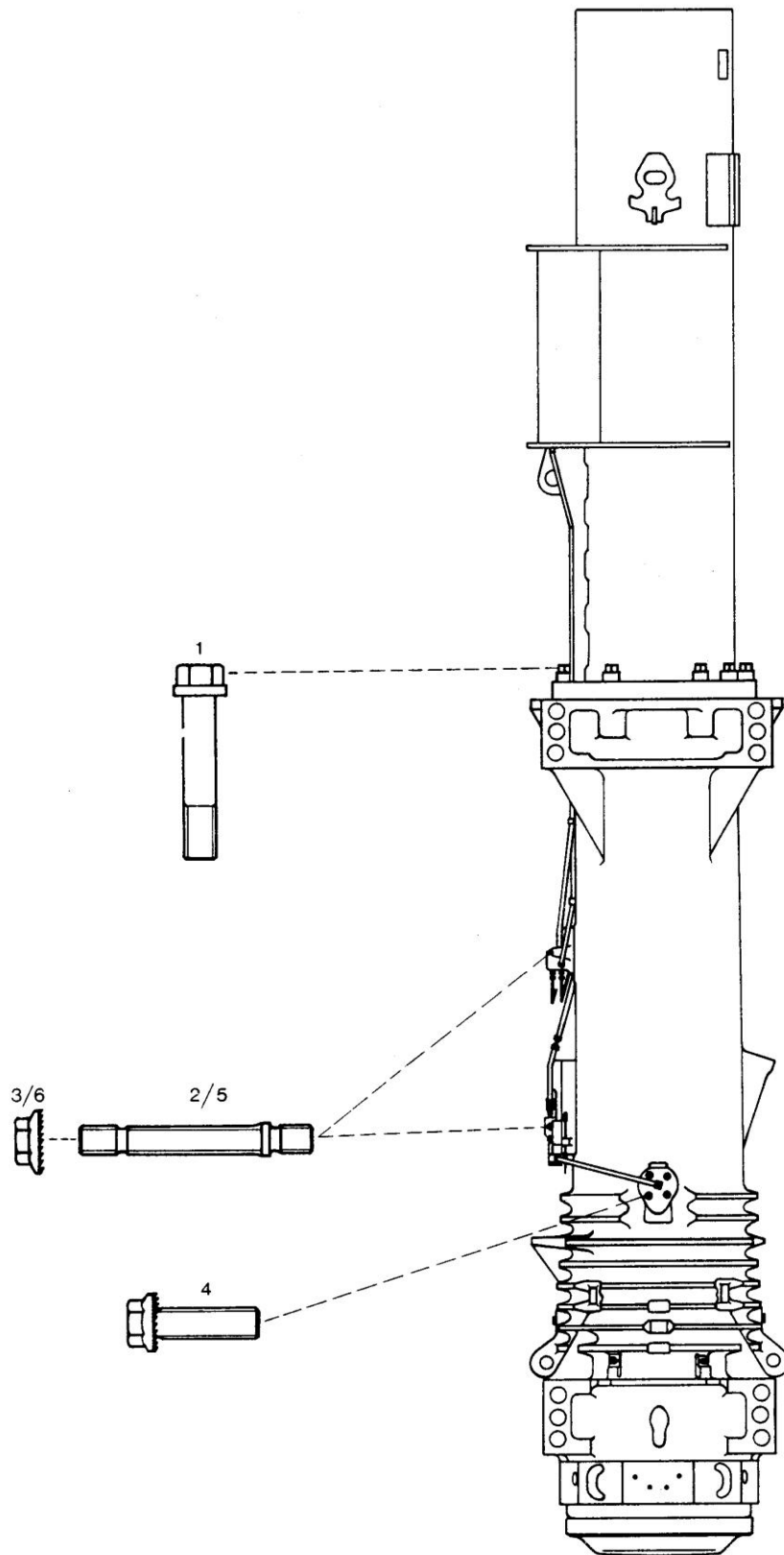
No.	Parts-No.	Description	Qty.	Order-No.
-	136.07.00	Lube Pump Complete	2	108306
1	135.07.00-7	Pump Body	2	108315
2	135.02.00-25	Dowel Pin 28×80 DIN 7346	4	94315
3	135.07.03	Pressure Vale Complete	3	108317
4	135.07.03-4	Adaptor(Tube To Thread)	3	108319
5	135.07.03-7	Round Sealing Ring 8×2	3	97855
6	GB/T308-1989	Ball Φ6	3	90307
7	135.07.03-6	Pressure Spring	3	190005
8	135.07.03-5	Threaded Plug	3	104679
9	135.07.03-1	Ring Type Nipple	3	97949
10	135.07.03-3	Sealing Ring A12×15.5 DIN 7603-Cu	6	91417
11	135.07.03-2	Hollow Screw A6 DIN 7623-6.8	3	97948
12	135.07.04-1	Plug Screw Complete	1	108316
13	135.07.03-7	Round Sealing Ring 8×2	1	97855
14	135.07.00-3	Adaptor (Tube To Thread)	1	67290
15	135.02.00-29	Sealing Ring A20×24 DIN 7603-Cu	1	92031
16	135.02.00-3l	Protecting Cap	1	93236
17	135.07.01	Cylinder Complete	1	67279
18	135.02.00-12	Round Sealing Ring 22×2	1	91296
19	135.07.01-3	Round Sealing Ring 26×3	1	91357
20	135.07.01-4	Round Sealing Ring 30×3	1	92952
21	135.07.00-9	Ring	1	67283
22	135.07.00-10	Pressure Spring 22×52×2.8	2	97325
23	135.07.00-11	Washer	1	67282
24	GB/T70-1985	Screw M8×35 DIN 912-8.8	4	90937
25	135.07.02	Piston Complete	1	67284
	135.07.02-1	Piston	1	67285
26	135.07.02-2	Round Sealing Ring	1	97236
27	135.07.00-4	Pressure Spring 7.3×29.4×1.2	1	190479
28	136.07.00-1	Plug Screw	1	108328
29	135.07.00-8	Pressure Spring 10×43×2	1	22089
30	135.07.00-2	Sleeve	1	22090
31	135.07.00-6	Pump Lever	1	22081
32	135.07.00-1	Pin	1	22082
33	135.07.00-12	Plug Screw R1” DIN910	1	91976



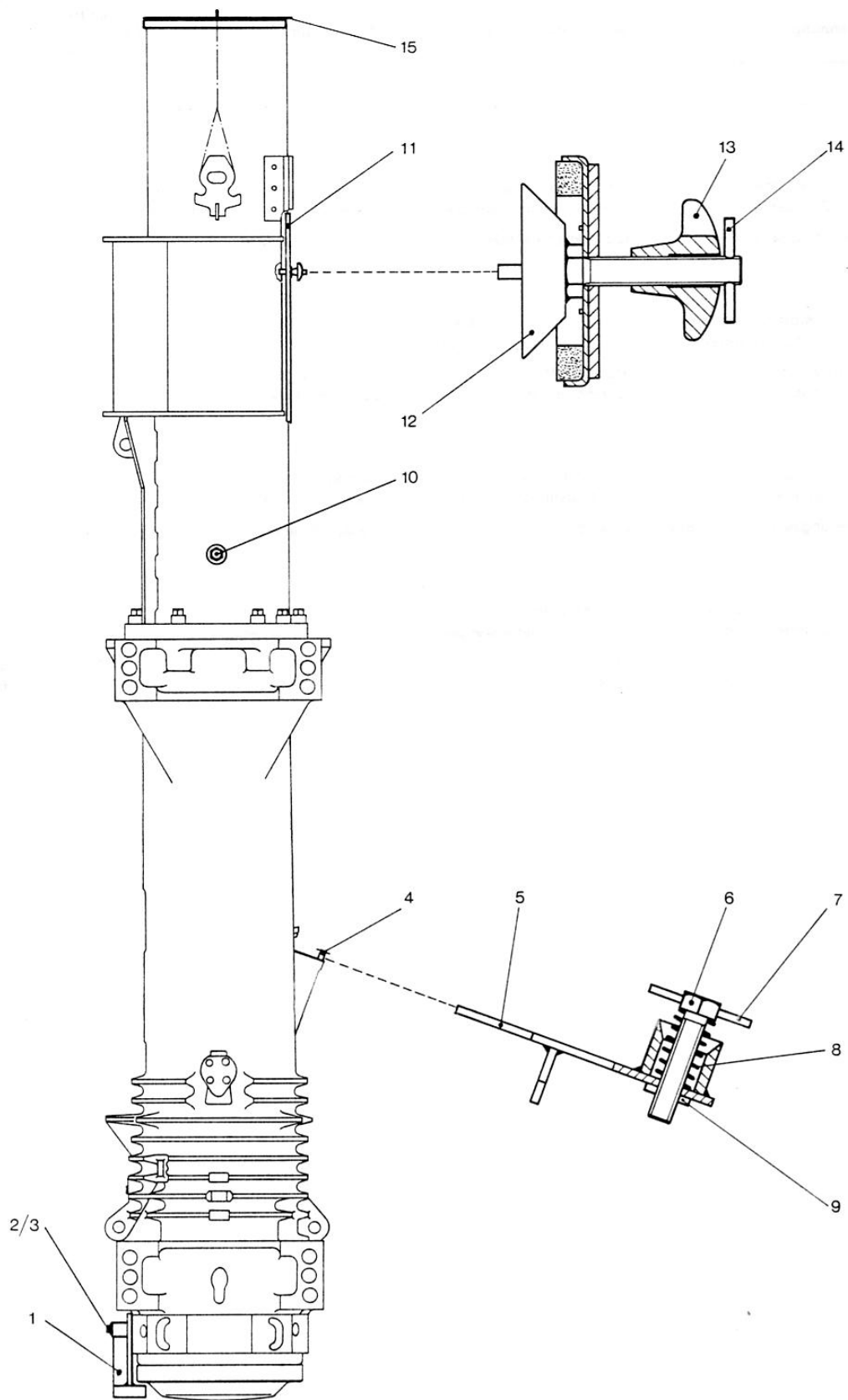
No.	Parts-No.	Description	Qty.	Order-No.
-	136.12.00	Lube Line With Connecting Cp1.	1	109866
1	136.12.01A	Hose (2.0m Long)	1	98549
2	No.0	Hose Clip	1	94299
3	135.07.03-3	Sealing Ring A12×15.5 DIN 7603-Cu	6	91417
4	135.07.03-1	Ring Type Nipple	6	97949
5	135.07.03-3	Sealing Ring A12×15.5 DIN 7603-Cu	6	91417
6	135.07.03-2	Hollow Screw A6 DIN 7623-6.8	6	97948
7	136.12.00-3	Hose (1.15m Long)	1	100568
8	No.000	Hose Clip	2	95115
9	135.12.00-7	T-Piece	1	94522
10	136.12.00-2	Hose (0.63m Long)	2	99063
11	No.000	Hose Clip	4	95115
12	135.12.00-7	T-Piece	2	94522
13	136.12.00-5	Hose (0.15m Long)	4	2976
14	No.000	Hose Clip	8	95115
15	136.12.00-4	Hose (4.06m Long)	2	43456
16	No.000	Hose Clip	4	95115
17	135.12.00-1	Hose Clip	6	2932
18	GB/T5782-1986	Locking Screw M8×12	12	93412
19	136.11.00-4	Clip	3	100268
20	GB/T5782-1986	Locking Screw M8×12	6	93412
21	135.01.02-2	Reducer	4	22592
22	135.01.02.02A	Grease Nipple M10×1	4	90791



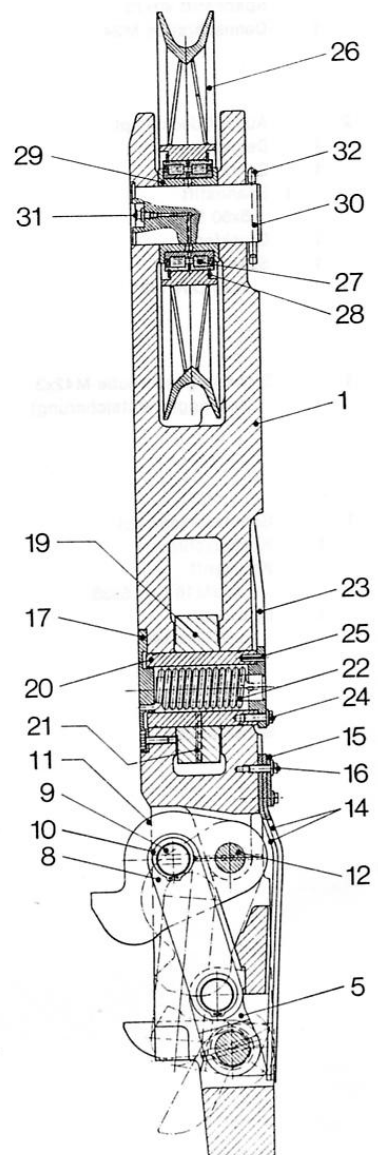
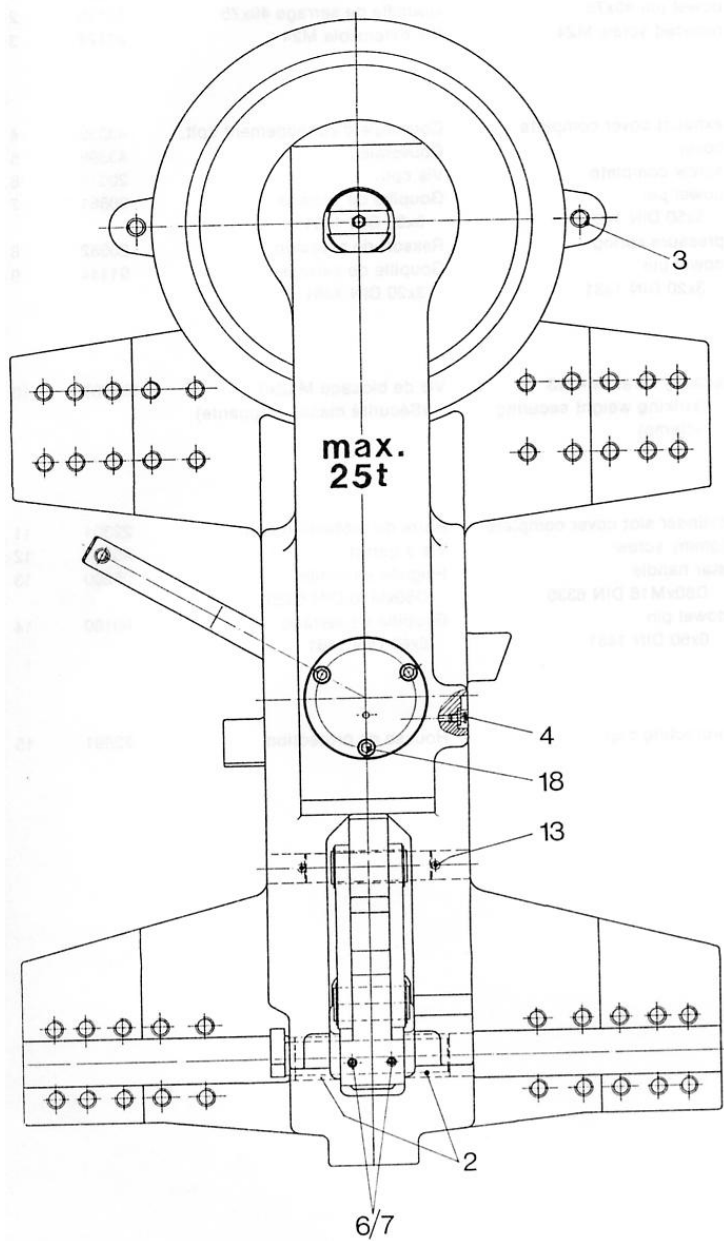
No.	Parts-No.	Description	Qty.	Order-No.
-	136.03.00A	Cylinder Upper Part Complete	1	109070
1	135.03.02-1	Filter Nozzle	4	64403
	135.03.02-1	Screwed Joint	4	66552
	135.01.02-2	Filter Element	4	99896
2	135.03.00-2	Protection Plug	1	96890
3	135.03.05-1	Plug Screw “Diesel”	1	17186
4	135.03.03-2	Chain Link, Exchangeable	1	2253
5	135.03.04-1	Plug Screw “Oil”	1	17188
6	135.03.03-2	Chain Link, Exchangeable	1	2253
7	135.03.03-1	Plug Screw “Ather”	1	20651
8	135.03.03-2	Chain Link, Exchangeable	1	2253
9	135.03.00-1	Ratchet	2	17039
10	135.03.00-3	Dowel Pin 13×60	2	90044
11	135.01.02.02A	Grease Nipple M10×L	4	90791
12	136.03.01B	Cylinder Upper Port	1	109071
13	135.03.01.02	Extend Cylinder	1	
14	GB/T5782-1986	Screw	12	
15	GB/T6185-1986	Nut	12	
16	GB/T93-1987	Washer	12	



No.	Parts-No.	Description	Qty.	Order-No.
-	136.06.00	Set Connecting Parts	1	100254
1	136.01.00-2	Reduced Screw M36	12	20038
2	136.06.00-1	Stud Bolt M16	6	20189
3	136.06.00-5	Locking Nut M16	6	94722
4	136.06.00-6	Locking Screw M16×45	8	95639
5	136.06.00-1	Stud Bolt M16	2	20189
6	136.06.00-5	Locking Nut M16	2	94722
*	136.14.00-4	Dowel Pin16×100	8	94281
*	GB/T5782-1986	Screw M36×220 (For Guide Runner With Lower Cylinder Part)	12	92607
*	GB/T5782-1986	Reduced Screw M24×240 (For Guide Pad With Trip Gear Complete)	8	96878



No.	Parts-No.	Description	Qty.	Remark
-	136.10.00	Transport Protection Complete	1	100249
1	136.10.01	Impact Block Securing Clamp	1	41915
2	135.06.00-4	Dowel Pin 40×75	1	95195
3	135.06.00-2	Reduced Screw M24	1	20174
	136.10.01.01	Securing Clamp	1	95196
4	135.10.04	Exhaust Complete	2	43399
5	135.10.04.01	Cover	2	43398
6	135.10.04.02	Screw Complete	2	20076
7	GB/T879-1986	Dowel Pin 5×50 DIN1481	2	90661
8	135.10.04-1	Pressure Spring	2	20082
9	GB/T879-1986	Dowel Pin 3×20 DIN1481	2	91144
10	135.10.00-1	Locking Screw M42×3	1	105787
11	136.10.02	Cylinder Slot Cover Complete	1	100562
	136.10.02.01	Cylinder Slot Cover	1	100563
12	135.10.02.02	Tommy Screw	1	45650
13	135.10.02-2	Star Handle D80×M16 DIN6335	1	96200
14	GB/T879-1986	Dowel Pin 6×60 DIN1481	1	90160
15	136.10.03A	Protecting Cap	1	100262
*	135.10.05	Transport Angle Bracket	4	



No.	Parts-No.	Description	Qty.	Remark
-	135.05.00	Trip Gear Complete	1	104953
1	135.05.00-6	Guide Body Complete	1	104954
2	135.05.00-11	Sleeve	2	16916
3	GB/T879-1986	Dowel Pin 25×140 DIN1481	2	92663
4	135.01.02.02A	Grease Nipple M10×L	2	90791
5	135.05.03	Pawl Lever	1	104952
6	GB/T879-1986	Dowel Pin 8×80	2	90173
7	GB/T879-1986	Dowel Pin 13×80	2	90600
8	135.05.00-1	Shackle	2	16781
9	135.05.00-2	Joint Bolt	2	16922
10	GB/T893-1986	Circlip 45×1.75 DIN471	1	93242
11	135.05.00-3	Pawl	1	16921
12	135.05.00-10	Pin	1	104944
13	GB/T879-1986	Dowel Pin 6×90	2	95186
14	135.05.00-9	Leaf Spring	2	16801
15	135.05.00-8	Plate	1	17045
16	135.05.00-14	Locking Screw M10×30	3	93414
17	135.05.00-5	Cover	1	104927
18	135.05.00-14	Locking Screw M10×30	3	93414
19	135.05.00-12	Carrier	1	104925
20	135.05.00-4	Shaft	1	104926
21	GB/T879-1986	Dowel Pin 16×70	1	90874
22	135.05.00-7	Torsion Spring	1	104943
23	135.05.00-17	Lever	1	104928
24	135.05.00-14	Locking Screw M10×30	3	93414
25	GB/T879-1986	Dowel Pin 10×32	1	90231
26	135.05.04A	Rope Pulley Complete	1	190106
	135.05.04A-2	Rope Pulley	1	
27	GB/T292-1994	Bearing 36220	2	
28	135.05.04A-4	Pressure Plate	1	
	GB/T93-1987	Washer 8	6	
	GB/T5782-1986	Screw M8×20	6	
29	135.05.04A-1	Sleeve	2	
	135.05.04A-3	Adjusting Ring	3	
30	135.05.01	Sheave Pin Complete	1	104946
	135.05.01-1	Sheave Shaft		104947
31	135.01.02.02A	Grease Nipple M10×L	1	90791
32	GB/T91-1986	Split Pin 10×112DIN94-St	1	95274

No.	Parts-No.	Description	Qty.	Remark
*	135.05.05	Hoist Plate Complete	1	
*		Shackle 4.9	1	
*	GB/T5782-2000	Screw M24×65	6	
*	GB/T93-1987	Washer 24	6	

No.	Parts-No.	Description	Qty.	Order-No.
-	136.16.00	Tools And Accessories	1	
1	136.16.01	Piston Ring Fitting Band Complete	1	16994
2	135.16.02	Piston Ring Fitting Pliers Complete	1	16897
3	135.16.03	Assembly Plate	2	22700
4	135.16.04-1	Assembly Plate	1	22251
5	135.16.04-2	Connecting Plate	1	22252
6	135.16.04-3	Bolt	2	22253
7	135.16.04-4	Pin Sheave	1	22259
8	135.16.04-5	Punch Φ12/Φ16	1	93349/90354
9	135.16.04-6	Punch Φ4/Φ8	1	90178/93348
10	135.16.04-7	Single-Head Spanner	1	
11	135.16.05	Tool Box	1	90890
12		Rope 35m Long	2	1130
13		Rope 70m Long	1	1129
14	135.16.06	Grease Gun	1	90795
15	135.01.02.02A	Grease Nipple M10×1	2	90791
16	2350-20/36 DWN29	Ratchet Spanner	1	90196
17	GB/T825-1988	Ring Screw M56	1	94285
18	GB/T879-1986	Dowel Pin 13×80	2	90600
19	GB/T879-1986	Dowel Pin 8×80	2	90173
20	GB/T879-1986	Dowel Pin 3×L6	1	
21	GB/T8918-1996	Cable Wire 3.5m	2	98643
22	GB/T5976-1986	Cable Clamp	10	90391
23	GB/T4388-1995	Double Ended Open Spanner 30×32	1	90655
24	GB/T4388-1995	Double Ended Open Spanner 19×22	1	90433
25	GB/T4388-1995	Double Ended Open Spanner 22×24	1	
26	GB/T4388-1995	Single Ended Open Spanner 36	1	90184
27	GB/T4388-1995	Single Ended Open Spanner 27	1	90465
28	GB/T4388-1995	Single Ended Open Spanner 17	1	95071
29	GB/T4388-1995	Double Ended Ring Spanner 22×24	1	95834
30	GB/T4388-1995	Double Ended Ring Spanner 17×19	1	92015
31	GB/T3390-1989	Socket Wrench SW46	1	90199
32	GB/T5356-1998	Angled Screw Driver 5	1	90055
33	GB/T5356-1998	Angled Screw Driver 6	1	90862
34	GB/T5356-1998	Angled Screw Driver 8	1	90657
35	GB/T5356-1998	Angled Screw Driver 10	1	90469
36	GB/T5356-1998	Angled Screw Driver 19	1	90194
37		Pliers A19 DIN 5254	1	90785

No.	Parts-No.	Description	Qty.	Order-No.
38		Safety Helmet	1	92133
39		Chain Link	1	
40		Oil Feeder	1	90670
41		Shackle 4.9	1	