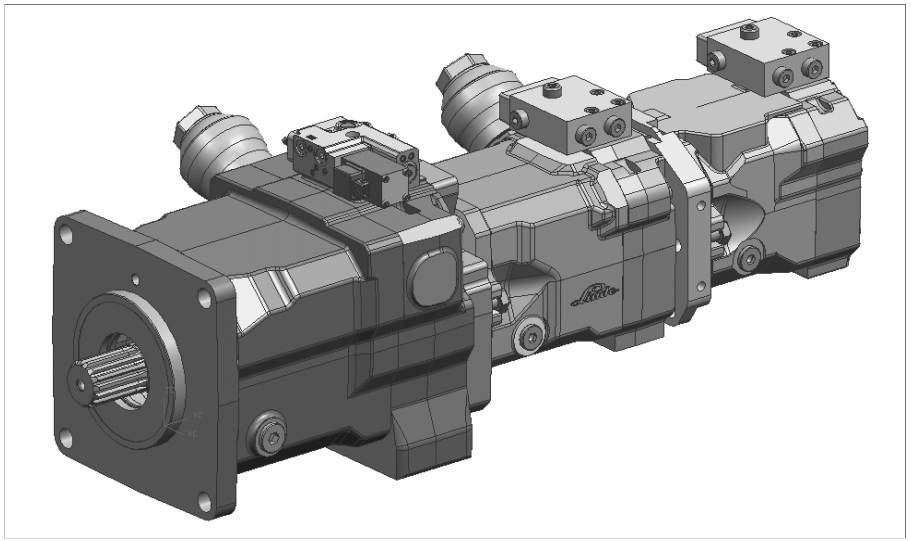
RETURN TO INDEX

LINDE HYDRAULICS CORPORATION

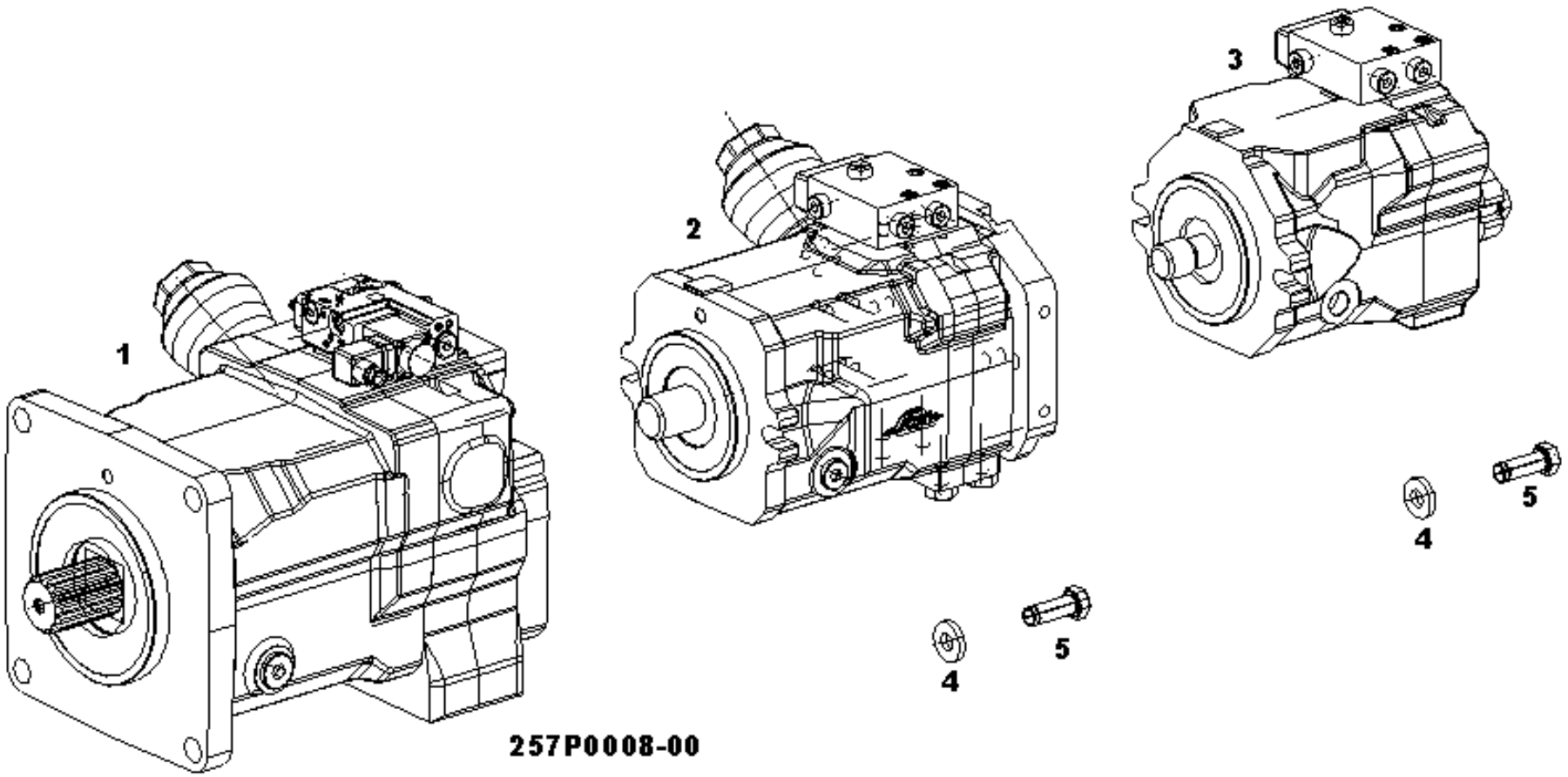
SECTION 00… ……LHC #: 2570037
MADILL #: 9770



SPARE PARTS LIST

REGULATED PUMP
HPR 210-02

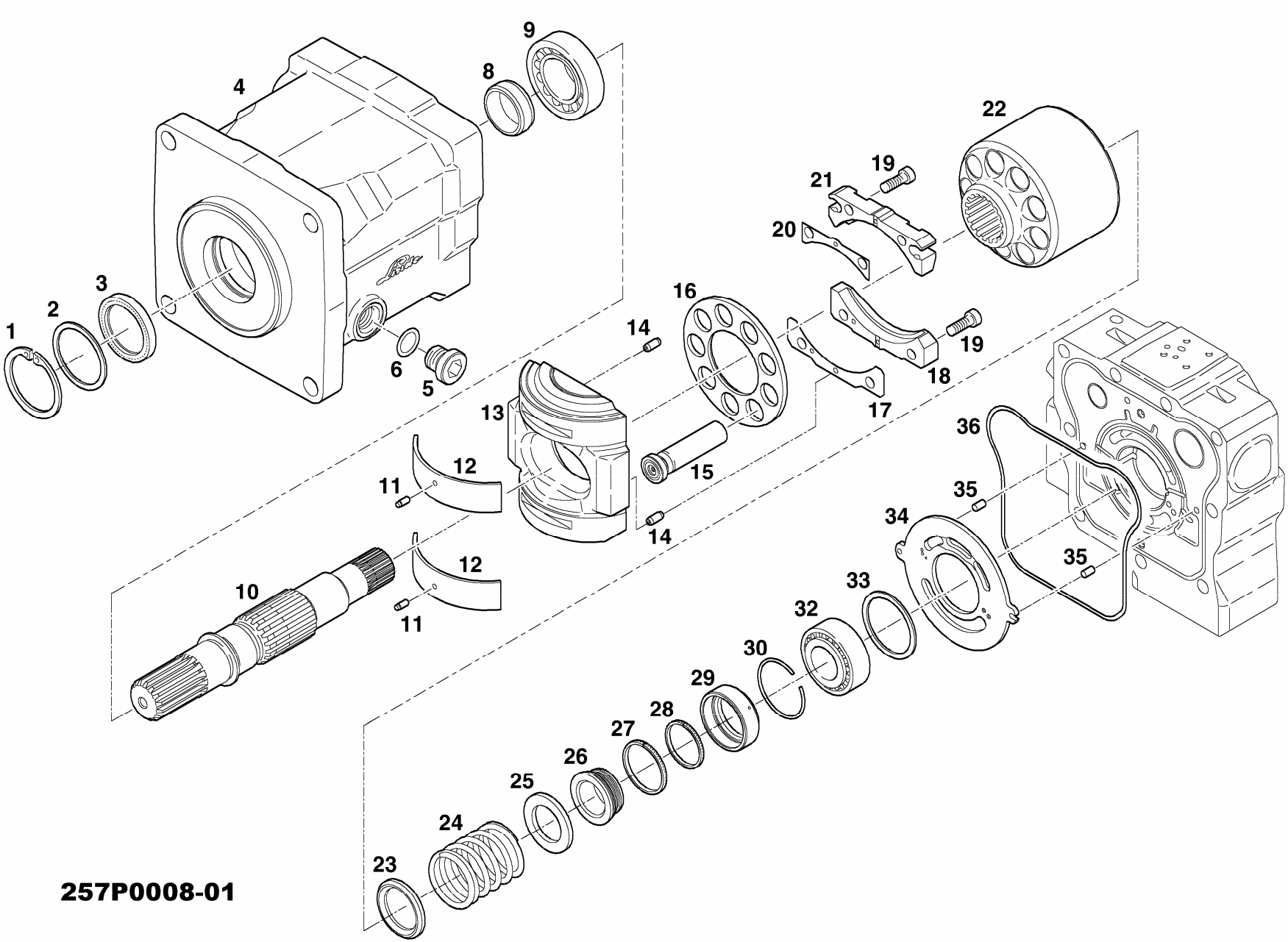
REVISION: 0……DOCUMENT NO: 257P0008



257P0008-00

SERVICE UNITS

POS.	PART-NO.	DESCRIPTION	QTY	REPLACED BY	REMARKS
	2570037	SERVICE UNIT – COMPLETE ASSEMBLY	1		MADILL # 9770 includes items 1-5
1	2570041	SERVICE UNIT HPR210-02	1		MADILL # 9771
2	2540109	SERVICE UNIT HPR105-02	1		MADILL # 9772
3	2520008	SERVICE UNIT HPR055-02	1		MADILL # 9773
4	0009141620	washer	4		2 per pump
5	9008311411	hexagon screw ISO 4017 M16x45-8.80A2C	4		2 per pump


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257P0008-01

POWER UNIT AND HOUSING

POS.	PART-NO.	DESCRIPTION	QTY	REPLACED BY	REMARKS
	2570041	SERVICE UNIT HPR210-02	1		MADILL # 9771
1	9456622672	retaining ring 82x2.5 DIN 472	1	9456622657	=>| 10/2005
1	9456622657	retaining ring 80x2.5 DIN 472			11/2005 |=>
2	0009280276	shaft seal ring DAS60x80x7-FP80	1		Loctite nr. 270
3	5133272033	Shim 1.8	1		11/2005 |=>
4	2573010003	housing ISO	1	2573010007	=>| 10/2005
					Change together with
					1 x 5133272033 shim
					1 x 9456622657 retaining ring
4	2573010007	housing ISO	1		
5	0009524022	plug screw M27x2-V80, WN 14104	1		With pos 6
6	0009639043	o-ring 23.4x2.97-V70	1		
8	2373230500	race	1		Loctite nr. 648
9	0009247701	tapered roller bear. 50.8x111.125	1		
10	2573230103	drive shaft ANSI B92.1 8/16Dp,15 tooth	1		
11	0009080261	cylindrical pin	2		
12	0009234045	bearing sliding	2		
13	2573232001	cradle	1		
14	0009160200	bush	3		
15	2573200402	piston assembly	9		exchange by set only
16	2673231403	pull-back plate	1		
17	2673432501	spacer plate 0.05	AR		
17	2673432502	spacer plate 0.075	AR		

AR = AS REQUIRED

POWER UNIT AND HOUSING

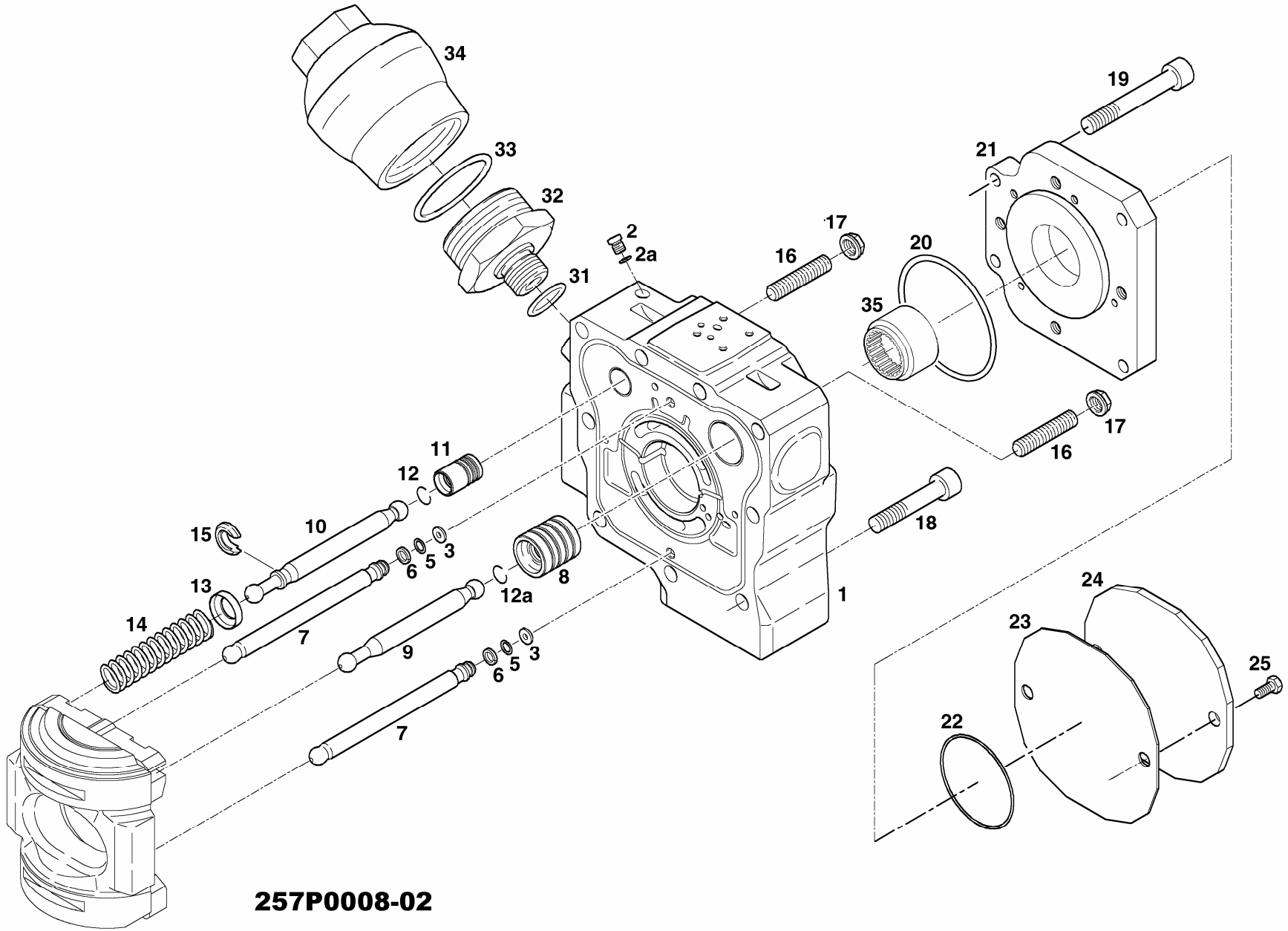
POS.	PART-NO.	DESCRIPTION	QTY	REPLACED BY	REMARKS
17	2673432503	spacer plate 0.1	AR		
18	2573431805	holding plate	1		
19	9048348300	socket-head screw M12x35-10.9-PHR	4		Loctite nr. 648
20	2573432501	spacer plate 0.05	AR		
20	2573432502	spacer plate 0.075	AR		
20	2573432503	spacer plate 0.1	AR		
21	2573431804	holding plate	1		
22	2573200802	cylinder block assembly	1	2573200803	
22	2573200803	cylinder block assembly	1		
23	0009144116	washer	1		
24	0009216604	compression spring 8x59x66.7x2.2	1		
25	0009144117	Washer	1		
26	2573231301	bush	1		
27	0009841010	seal ring 56x62x5	1		
28	0009841009	Seal ring 50x55x4	1		
29	2573231300	bush	1		
30	9464621295	snap ring B70 DIN 7993	1		
32	9509000818	tapered roller bear. 33108 DIN 720	1		
33	0009146221	shim 75x65x1.0	AR		
33	0009146222	shim 75x65x1.05	AR		
33	0009146223	shim 75x65x1.1	AR		

AR = AS REQUIRED

POWER UNIT AND HOUSING

POS.	PART-NO.	DESCRIPTION	QTY	REPLACED BY	REMARKS
33	0009146224	shim 75x65x1.15	AR		
33	0009146225	shim 75x65x1.2	AR		
33	0009146226	shim 75x65x1.25	AR		
33	0009146227	shim 75x65x1.5	AR		
33	0009146228	shim 75x65x1.75	AR		
34	2573240207	port plate, cw	1	2573240207	=>| H2X257N00024
34	2573240208	port plate, cw	1		H2X257N00025 |=>
35	9381660314	cylindrical pin 6m6x24 DIN 6325	2		
36	0009631316	o-ring 250x3-V80	1		

AR = AS REQUIRED


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257P0008-02

PORT PLATE HOUSING AND VALVES

POS.	PART-NO.	DESCRIPTION	QTY	REPLACED BY	REMARKS
1	2573000303	port plate housing assembly	1		
2	0009524046	plug screw CM8x1-V80	1		Includes 2a
2a	0009630029	o-ring 6x1.5-V80	1		
3	0009140320	washer 1.95	AR		
3	0009140331	washer 2.02	AR		
3	0009140321	washer 2.1	AR		
3	0009140332	washer 2.17	AR		
3	0009140322	washer 2.25	AR		
3	0009140333	washer 2.32	AR		
3	0009140323	washer 2.4	AR		
3	0009140334	washer 2.47	AR		
3	0009140324	washer 2.55	AR		
3	0009140335	washer 2.62	AR		
3	0009140325	washer 2.70	AR		
3	0009140336	washer 2.77	AR		
3	0009140326	washer 2.85	AR		
3	0009140337	washer 2,92	AR		
3	0009140327	washer 3	AR		
3	0009140338	washer 3.07	AR		
3	0009140328	washer 3.15	AR		
3	0009140339	washer 3.22	AR		

AR=AS REQUIRED

PORT PLATE HOUSING AND VALVES

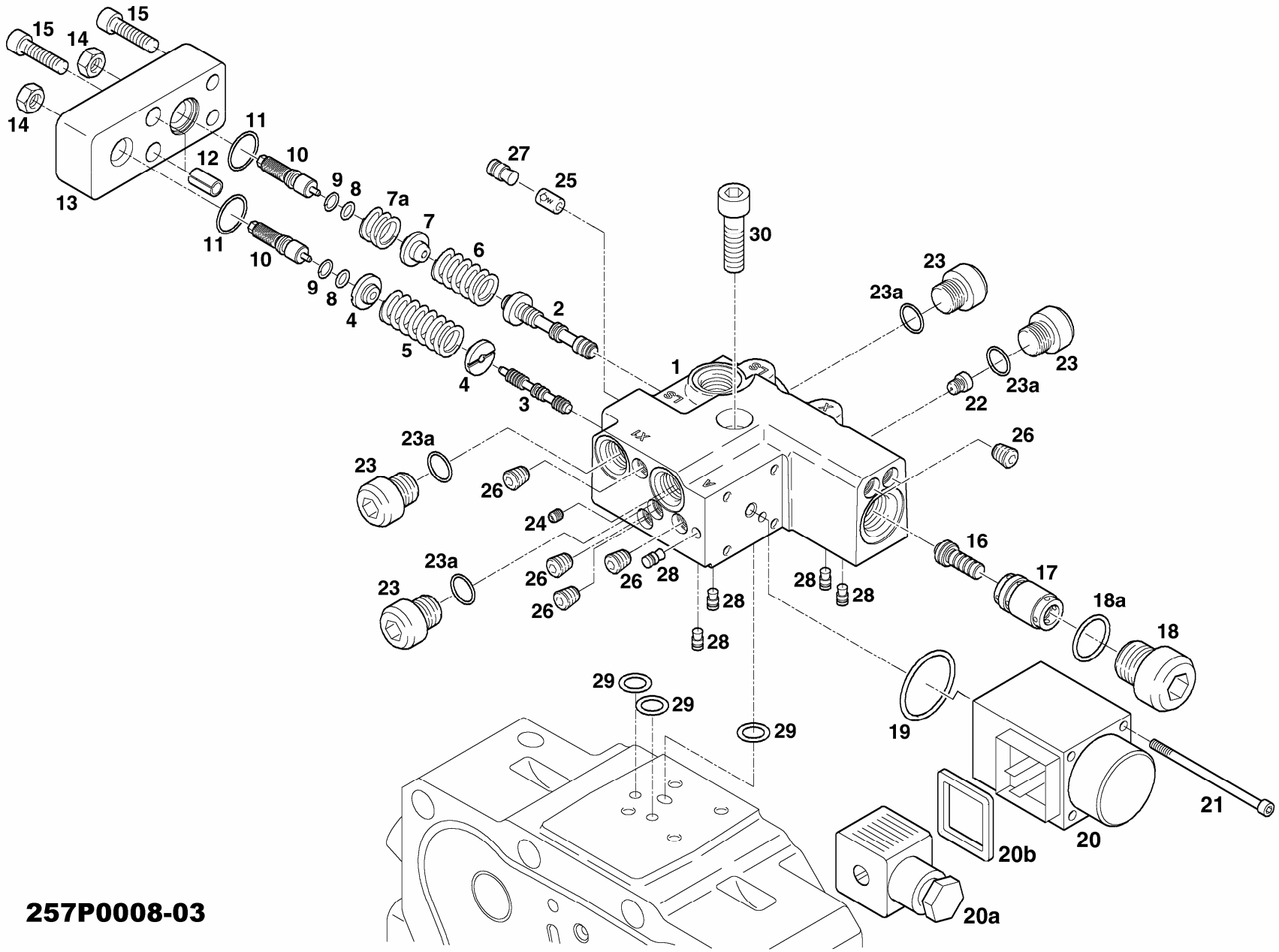
POS.	PART-NO.	DESCRIPTION	QTY	REPLACED BY	REMARKS
3	0009140329	washer 3.3	AR		
3	0009140340	washer 3.37	AR		
3	0009140330	washer 3.45	AR		
5	0009632031	o-ring 5x1.5-V80	2		
6	0009622753	support ring A8x1.1x1	2		
7	2573014000	pipe	2	2573014003	
7	2573014003	pipe	2		
8	2573450408	piston	1		
9	2573434504	piston rod	1		
10	2573434505	piston rod	1		
11	2573450404	piston	1		
12	9464621180	snap ring DIN 7993 B18	1		
12a	9464621200	snap ring DIN 7993 B20	1		
13	2573433802	spring plate	1		
14	0009215402	spring 5.6x26x154x14.2	1		
15	2573433800	spring plate	1		
16	9133339198	threaded pin M12x1x60-22H DIN 913	2		
17	9243281144	seal collar nut M12x1-8 WN 14302	2		
18	9045341372	socket-head screw M14x100-10.9 DIN 912	5		
19	9045341385	socket-head screw M14x135-10.9 ISO 4762	4		
20	0009630840	o-ring 84x2.5-V80	1		
21	2572311405	PTO flange, SAE C	1		

AR=AS REQUIRED

PORT PLATE HOUSING AND VALVES

POS.	PART-NO.	DESCRIPTION	QTY	REPLACED BY	REMARKS
22	0009631107	o-ring 132x3 – V80	1		
23	0009611084	seal	1		
24	0009646531	cover 6x214x186	1	0009646551	
24	0009646551	cover 10x220x220	1		
25	9008311408	Hex head bolt M16x35-8.8A2C ISO 4017	2		
	2533409500	Accumulator assembly	1		Includes items 31-34
31	0009632208	o-ring	1		
32	2533433000	adapter fitting	1		
33	0009630542	o-ring 57x3-V80	1		
34	2533412101	cap	1		
35	2573051206	Coupling, SAE C	1		

AR=AS REQUIRED


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PRESSURE REGULATOR

POS.	PART-NO.	DESCRIPTION	QTY	REPLACED BY	REMARKS
	5853400735	regulator assembly E1L ISO 24V DIN	1		includes items 1-29
	5853400816	Housing assembly E1L ISO	1		includes items 1-3
1	---	housing	1		
2	---	piston pilot	1		
3	---	PMV spool	1		
4	6053433800	spring hat	2		
5	0009211101	spring 1.1x8.1x23.5	1		
6	0009212632	spring 2.6x10.9x19.0	1		
7	5853433806	spring hat	1		
7a	0009211159	Spring 1.1 x 12,9 x 14.3 x 1.9	1		
8	0009630002	o-ring 6.9x1.8-V80	2		
9	0009622734	support ring A10x1.5x1	2		
10	5853432401	Adjustment stud	2		
11	0009632237	o-ring 20.35x1.8-V80	2		
12	9384620366	spring dowel sleeve 8x16 DIN 7346	2		
13	5853412004	cover	1		
14	9210317114	hexagon nut M8x1-8-A2C ISO 8673	2		
15	9045341135	SHCS M6x25-10.9 DIN 912	4		
16	5853450302	piston	1		
17	5853430902	bush	1		
18	0009524014	plug screw M18x1.5-V80 WN 14104	1		includes item 18a
18a	0009632124	o-ring 15.3x2.4-V80	1		

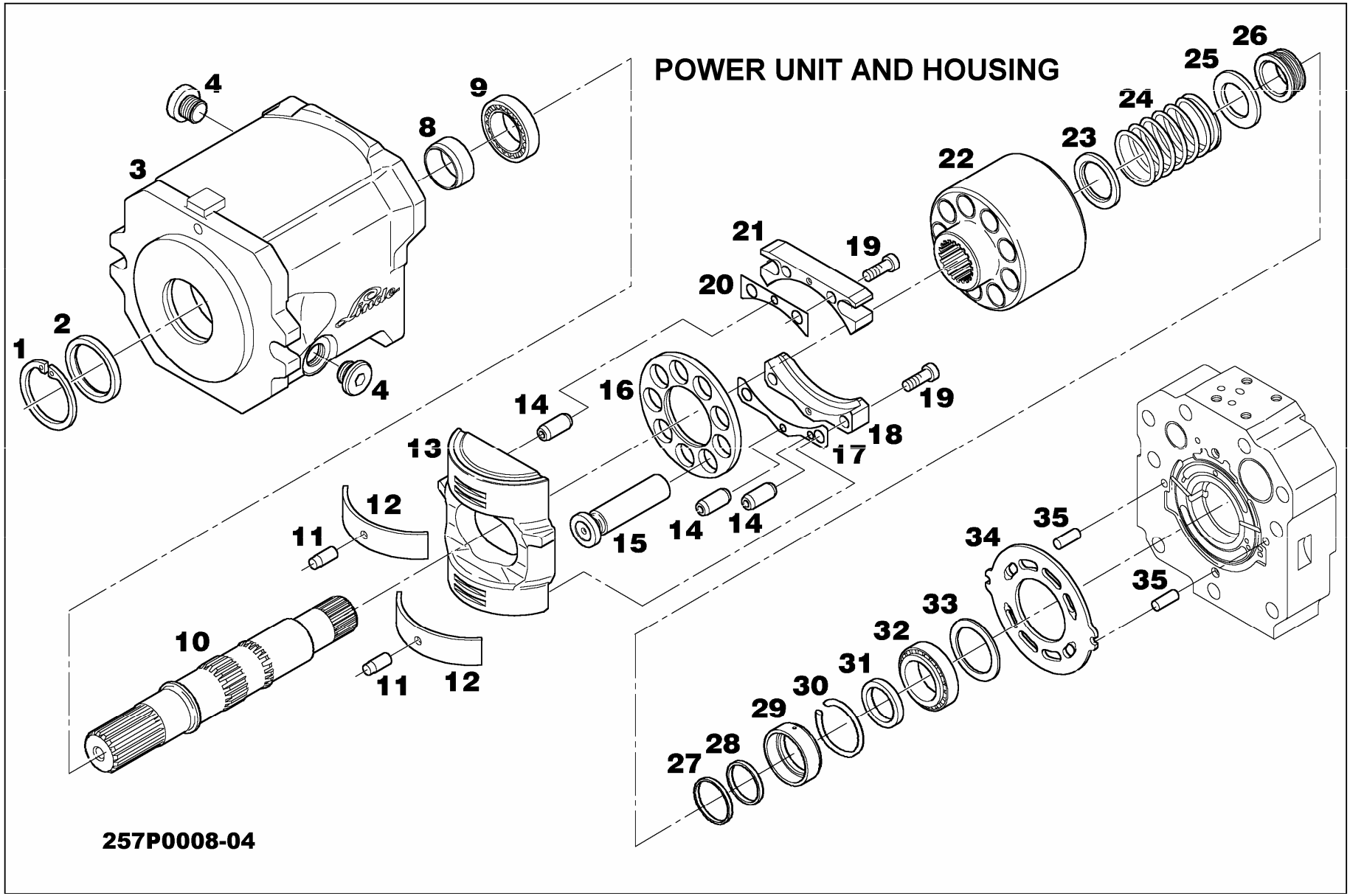
AS REQUIRED

PRESSURE REGULATOR

POS.	PART-NO.	DESCRIPTION	QTY	REPLACED BY	REMARKS
19	0009632216	o-ring 23.52x1.8-V80	1		
20	0009736026	Solenoid 24V DIN	1		Includes item 21
20a	0009750508	Connector AF2-PG9 DIN 43650	1		
20b	7915001590	Seal GDM3-16	1		
21	9045311080	SHCS M4 X 50 – 8.8 DIN 912	4		
22	0009445588	Orifice 0.8 – M6	1		
23	0009524020	plug screw M14x1.5-V80	4		Includes item 23a
23a	0009632106	o-ring 11.3x2.4-V80	4		
24	0009037045	nozzle D1.0-M6-St WN 42775	1		
25	0009441729	valve check	1		
26	0009033195	plug screw M8x1-5.8	6		
27	0009515130	sealing plug HK6x6.5x43AK WN 17253	1		
28	0009515127	sealing plug HK5x6x43AK WN 17253	6		
29	0009632114	o-ring 10.5 x 1.5-V80	3		
30	9045348186	socket-head screw M8x30-10.9-PHR DIN 912	3		

AS REQUIRED
257P0008

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POWER UNIT AND HOUSING
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POWER UNIT AND HOUSING

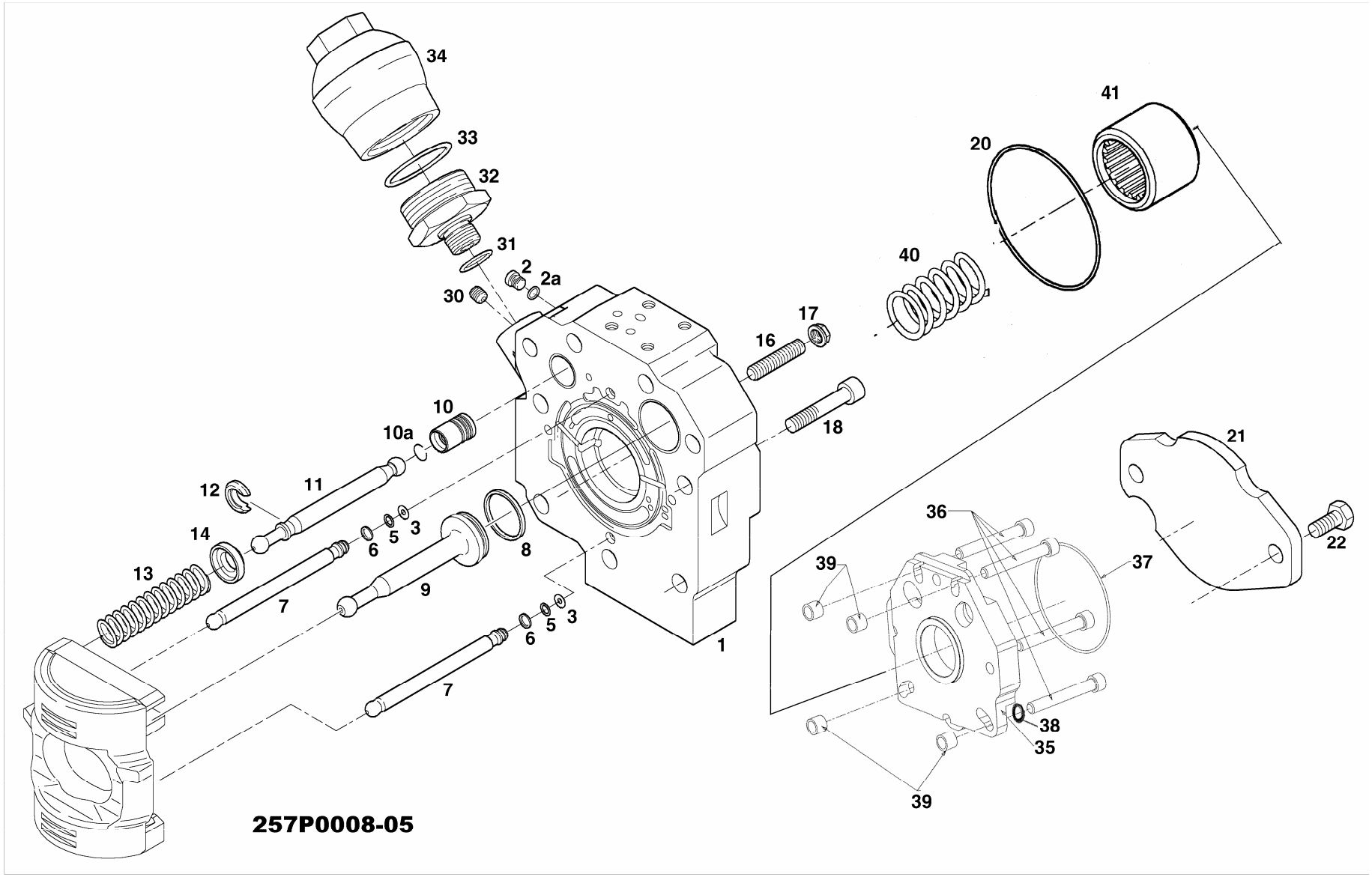
POS.	PART-NO.	DESCRIPTION	QTY	REPLACED BY	REMARKS
	2540109	SERVICE UNIT HPR105-02	1		MADILL # 9772
1	9456622588	retaining ring 65x2.5 DIN 472	1		
2	0009280393	shaft seal ring DAS 45x62x7FP80SH	1		Loctite nr. 270
3	2543010014	housing	1		
4	0009524021	plug screw M22x1.5 –V80	1		
8	2543230503	race	1		Loctite nr. 648
9	0009247326	tapered roller bearing 38x76.2x29.37	1		
10	2543230124	drive shaft SAE 16/32 pitch, 23 tooth	1		
11	0009080261	cylindrical pin	2		
12	0009234032	bearing sliding	2		
13	2543232002	cradle	1		
14	0009160200	bush	3		
15	2643200411	piston assembly	9		exchange by set only
16	2643231402	pull-back plate	1		
17	2343432501	spacer plate 0.05	AR		
17	2343432502	spacer plate 0.075	AR		
17	2343432503	spacer plate 0.10	AR		
18	5063431803	holding plate	1		
19	9048348239	socket-head screw M10x25-10.9-PHR	4		Loctite nr. 648
20	2643432501	spacer plate 0.05	AR		
20	2643432502	spacer plate 0.075	AR		
20	2643432503	spacer plate 0.10	AR		
21	2543431801	holding plate	1		

AR = AS REQUIRED

POWER UNIT AND HOUSING

POS.	PART-NO.	DESCRIPTION	QTY	REPLACED BY	REMARKS
22	2543200802	cylinder block assembly	1		
23	0009143905	washer 39.2x53.8x4	1		
24	0009216003	compression spring 6.5x46.5x51.5	1		
25	0009154013	ring 40x53.8x4	1		
26	2543231301	bush	1		
27	0009841001	piston ring	1		
28	0009841015	piston ring	1		
29	2543231304	bush	1		
30	9461620280	snap ring B55 DIN 7993	1		
31	0009153203	ring 32.2x40x5	1		
32	9509000705	tapered roller bear. 320/32X DIN 720	1		
33	5213272010	spacer plate 1.05	AR		
33	5213272011	spacer plate 1.10	AR		
33	5213272012	spacer plate 1.15	AR		
33	5213272013	spacer plate 1.25	AR		
33	5213272014	spacer plate 1.50	AR		
33	5213272015	spacer plate 1.75	AR		
34	2543240210	port plate clockwise	1		
35	9381660312	cylindrical pin A-6x20-ST ISO 8734	2		

AR = AS REQUIRED


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257P0008-05

PORT PLATE HOUSING AND VALVES

POS.	PART-NO.	DESCRIPTION	QTY	REPLACED BY	REMARKS
1	2543000323	port plate housing assembly with SPU	1		
2	0009524046	plug screw M8x1-V80	1		Includes item 2a
2a	0009630029	o-ring 6x1.5-V80	1		
	5993209500	Repair Kit	1		Includes 2x each item 3
3	0009140310	washer 1.5	AR		
3	0009140311	washer 1.6	AR		
3	0009140312	washer 1.7	AR		
3	0009140313	washer 1.8	AR		
3	0009140314	washer 1.9	AR		
3	0009140320	washer 1.95	AR		
3	0009140331	washer 2.02	AR		
3	0009140321	washer 2.1	AR		
3	0009140332	washer 2.17	AR		
3	0009140322	washer 2.25	AR		
3	0009140333	washer 2.32	AR		
3	0009140323	washer 2.4	AR		
3	0009140334	washer 2.47	AR		
3	0009140324	washer 2.55	AR		
3	0009140335	washer 2.62	AR		
3	0009140325	washer 2.70	AR		
3	0009140336	washer 2.77	AR		
3	0009140326	washer 2.85	AR		
3	0009140337	washer 2.92	AR		

AR=AS REQUIRED

PORT PLATE HOUSING AND VALVES

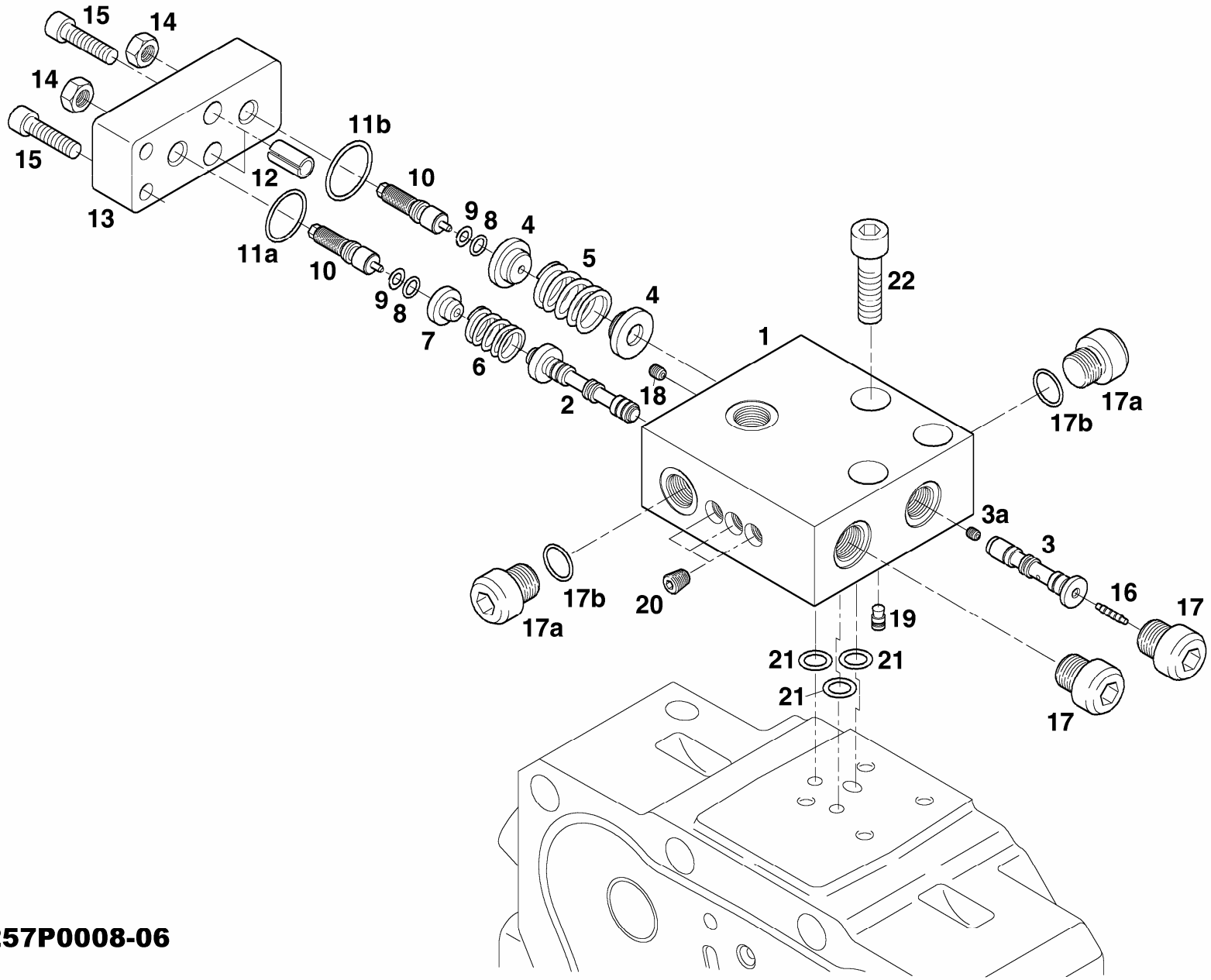
POS.	PART-NO.	DESCRIPTION	QTY	REPLACED BY	REMARKS
3	0009140327	washer 3	AR		
3	0009140338	washer 3.07	AR		
3	0009140328	washer 3.15	AR		
3	0009140339	washer 3.22	AR		
3	0009140329	washer 3.3	AR		
3	0009140340	washer 3.37	AR		
3	0009140330	washer 3.45	AR		
5	0009632031	o-ring 5x1.5-V80	2		
6	0009622753	support ring A8x1,1x1-TEF	2		
7	2543014003	pipe	2		
8	0009841011	piston ring 32.5x36x3.6	1		
9	2543450404	servopiston	1		
10	2543450408	piston	1		
10a	9464621160	Spring ring B16 DIN 7993	1		
11	2543434506	Piston rod	1		
12	2543433802	spring plate	1		
13	0009213605	compression spring 3.6x18.4x125.5	1		
14	2533433801	spring plate	1		
16	0009037400	threaded pin M12x1x45	2		
17	9243281144	seal collar nut M12x1-8 WN 14302	2		
18	9045341310	socket-head screw M12x70-10.9 DIN 912	5		
20	0009630840	o-ring 84x2.5-V80	1		
21	8883031540	cover	1		

AR=AS REQUIRED

PORT PLATE HOUSING AND VALVES

POS.	PART-NO.	DESCRIPTION	QTY	REPLACED BY	REMARKS
22	9008311295	hexagon screw M12x25-8.8-A2C ISO 4017	2		
30	0009037047	Nozzle Do, 8 – M6 – St Wn 42775	1		
31	0009632208	o-ring 22.2 x 3 –v80	1		
32	2533433000	Pipe adapter	1		
33	0009630542	o-ring 57 X V80	1		
34	2533412101	Cap	1		
35	8883037450	PTO flange, SAE C 4-bolt	1		
36	9045341316	SHCS, M12x10	4		
37	0009631107	o-ring 132 x 3 –V80	1		
38	9291429022	Washer	4		
39	8883034051	Bushing (Not Used In All Cases)	AR		
40	8880045522	Spring	1		
41	8883033980	coupling ANSI – SAE C	1		

AR=AS REQUIRED


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257P0008-06

PRESSURE REGULATOR

POS.	PART-NO.	DESCRIPTION	QTY	REPLACED BY	REMARKS
	5853400727	pressure regulator assy. LP 230-350 bar range	1		includes pos. 1-21
	5853400814	housing assembly ISO	1		includes pos. 1-3a
1	---	housing ISO	1		
2	---	pilot	1		
3	---	pilot	1		
3a	9133339031	Threaded pin M3x5-22H DIN 913	1		
4	5853433800	spring plate	2		
5	0009212447	compression spring 2.4x14.9x41.0x6	1		
6	0009212632	compression spring 2.6x10.9x19.0	1		
7	5853433801	spring plate	1		
8	0009630002	o-ring 6.9x1.8-V80	2		
9	0009622734	support ring A10x1.5x1-TEF	2		
10	5853432401	timing bolt	2		
11a	0009632237	o-ring 20.35x1.8-V80	1		
11b	0009632221	o-ring 25.12x1.8-V80	1		
12	9384620366	spring dowel sleeve 8x16 DIN 7346	2		
13	5853412003	cover	1		
14	9210317114	hexagon nut M8x1-8-A2C ISO 8673	2		
15	9045341135	socket-head screw M6x25-10.9 DIN 912	4		
16	2553450315	piston	1		
17	9148010156	plug screw M14x1.5-V80 WN 14141	2		
17a	0009524020	plug screw M14x1.5-V80	2		Includes item 17b

AS REQUIRED

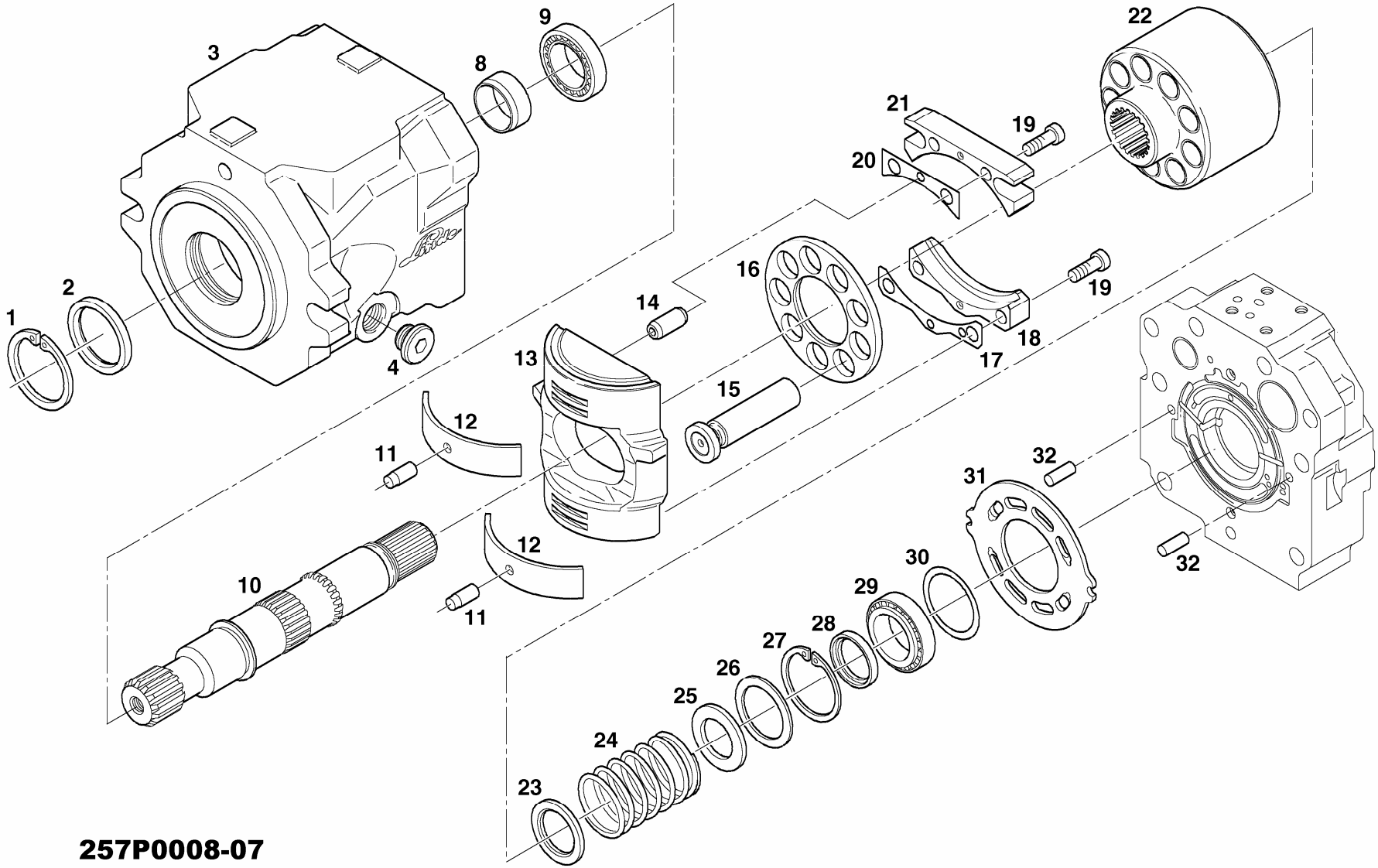
PRESSURE REGULATOR

POS.	PART-NO.	DESCRIPTION	QTY	REPLACED BY	REMARKS
17b	0009632106	o-ring 11.3x2.4-V80	2		
18	9133339061	threaded pin M4x6-22H DIN 913	1		
19	0009515127	sealing plug HK5x6x43AK	1		
20	0009033195	plug screw M8x1-5.8	3		
21	0009632114	o-ring 10.5x1.5-V80	3		
22	9045348186	socket-head screw M8x30-10.9-PHR DIN 912	3		

AS REQUIRED
257P0008

00/06/02

POWER UNIT AND HOUSING



257P0008-07

POWER UNIT AND HOUSING

POS.	PART-NO.	DESCRIPTION	QTY	REPLACED BY	REMARKS
	2520008	SERVICE UNIT HPR055-02	1		MADILL # 9773
1	9456622552	retaining ring 58x2 DIN 472	1		
2	0009280367	shaft seal ring DAS 40x55x6-V80	1		Loctite nr. 270
3	2523010003	housing DIN	1		
4	0009524029	plug screw M22x1.5	1		
8	2053230505	race	1	2933230501	Loctite nr. 648
8	2933230501	race	1		Loctite nr. 648
9	9509000731	tapered roller bearing DIN 720 32207	1		
10	2523230101	drive shaft SAE 11/24 pitch, 14 tooth	1		
11	0009080261	cylindrical pin	2		
12	0009234031	bearing sliding	2		
13	2533232008	cradle	1		
14	0009160200	bush	3		
15	2523200400	piston assembly	9		exchange by set only
16	2533231406	pull-back plate	1		
17	2533432501	spacer plate 0.05	AR		
17	2533432502	spacer plate 0.075	AR		
17	2533432503	spacer plate 0.10	AR		
18	2533431811	holding plate	1		
19	9048348183	socket-head screw M8x25-10.9-PHR	4		Loctite nr. 648
20	2533432506	spacer plate 0.05	AR		
20	2533432507	spacer plate 0.075	AR		
20	2533432508	spacer plate 0.10	AR		

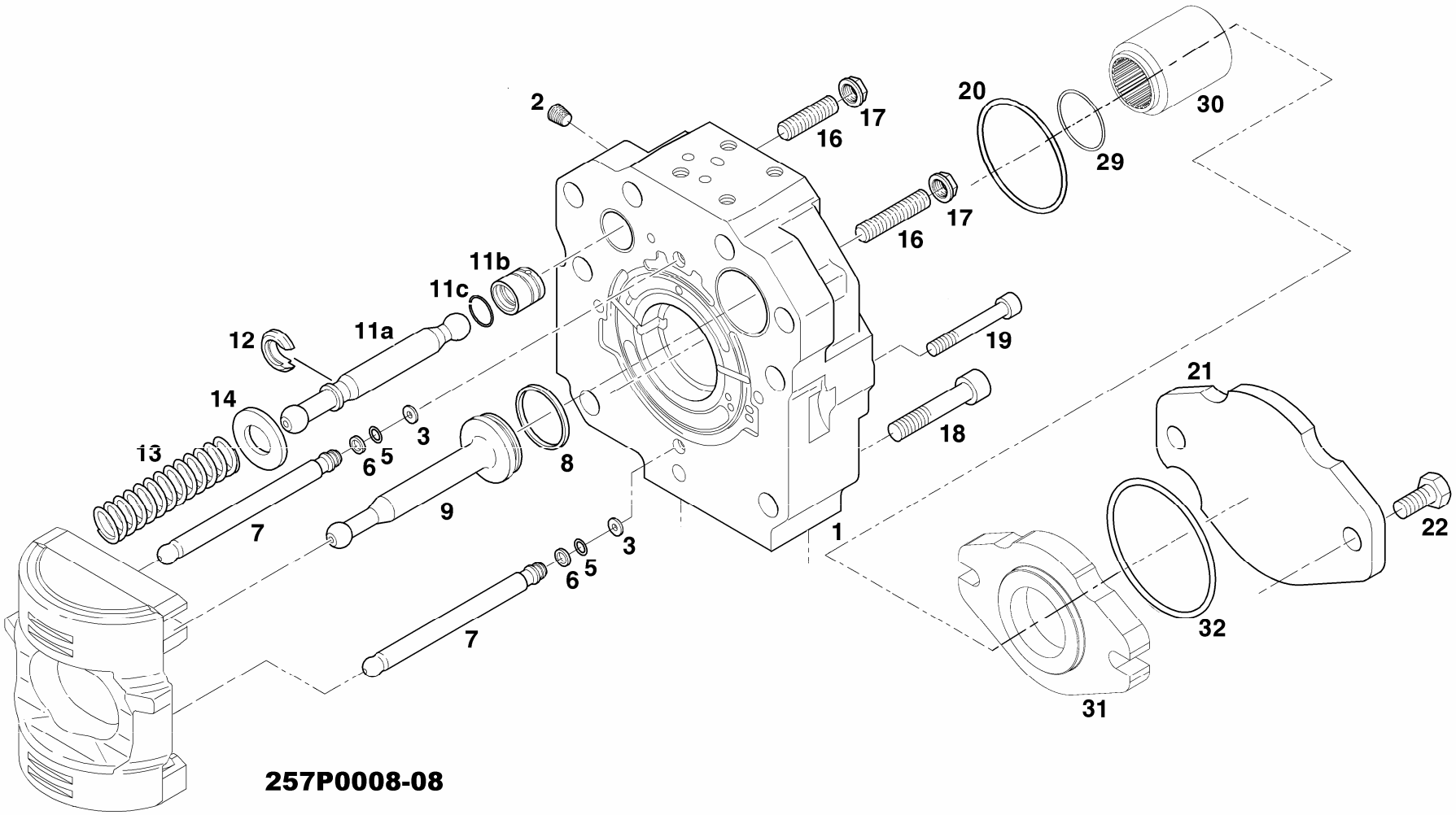
AR = AS REQUIRED

POWER UNIT AND HOUSING

POS.	PART-NO.	DESCRIPTION	QTY	REPLACED BY	REMARKS
21	2533431816	holding plate	1		
22	2523200800	cylinder block assembly	1		
23	0009143500	washer 35.2x48.6x3.5-H	1		
24	0009215629	compression spring 6x42.2x57.9x2.6	1		
25	0009143218	washer 33x49.9x3.5-H	1		
26	9289003580	shim DIN 988 40x50x0.1	AR		
26	9289003582	shim DIN 988 40x50x0.3	AR		
26	9289003586	shim DIN 988 40x50x1.0	AR		
27	9456622505	retaining ring DIN 472 50x2.0	1		
28	0009143002	washer 30.1x38x5.9	1		
29	9509000705	tapered roller bear. DIN 720 32006X	1		
30	0009146151	shim 45x55x1.00	AR		
30	0009146152	shim 45x55x1.05	AR		
30	0009146153	shim 45x55x1.10	AR		
30	0009146154	shim 45x55x1.15	AR		
30	0009146155	shim 45x55x1.20	AR		
30	0009146156	shim 45x55x1.25	AR		
30	0009146157	shim 45x55x1.50	AR		
30	0009146158	shim 45x55x1.75	AR		
31	2533240206	port plate clockwise	1		
32	9381660312	cylindrical pin A-6x20-ST ISO 8734	2		

AR = AS REQUIRED

PORT PLATE HOUSING ASSEMBLY



257P0008-08

PORT PLATE HOUSING AND VALVES

POS.	PART-NO.	DESCRIPTION	QTY	REPLACED BY	REMARKS
1	2533000304	port plate housing assembly	1		
2	0009033195	plug screw M8x1-5.8	1		
3	0009140320	washer 1.95	AR		
3	0009140331	washer 2.02	AR		
3	0009140321	washer 2.1	AR		
3	0009140332	washer 2.17	AR		
3	0009140322	washer 2.25	AR		
3	0009140333	washer 2.32	AR		
3	0009140323	washer 2.4	AR		
3	0009140334	washer 2.47	AR		
3	0009140324	washer 2.55	AR		
3	0009140335	washer 2.62	AR		
3	0009140325	washer 2.70	AR		
3	0009140336	washer 2.77	AR		
3	0009140326	washer 2.85	AR		
3	0009140337	washer 2.92	AR		
3	0009140327	washer 3	AR		
3	0009140338	washer 3.07	AR		
3	0009140328	washer 3.15	AR		
3	0009140339	washer 3.22	AR		
3	0009140329	washer 3.3	AR		
3	0009140340	washer 3.37	AR		
3	0009140330	washer 3.45	AR		

AR=AS REQUIRED

PORT PLATE HOUSING AND VALVES

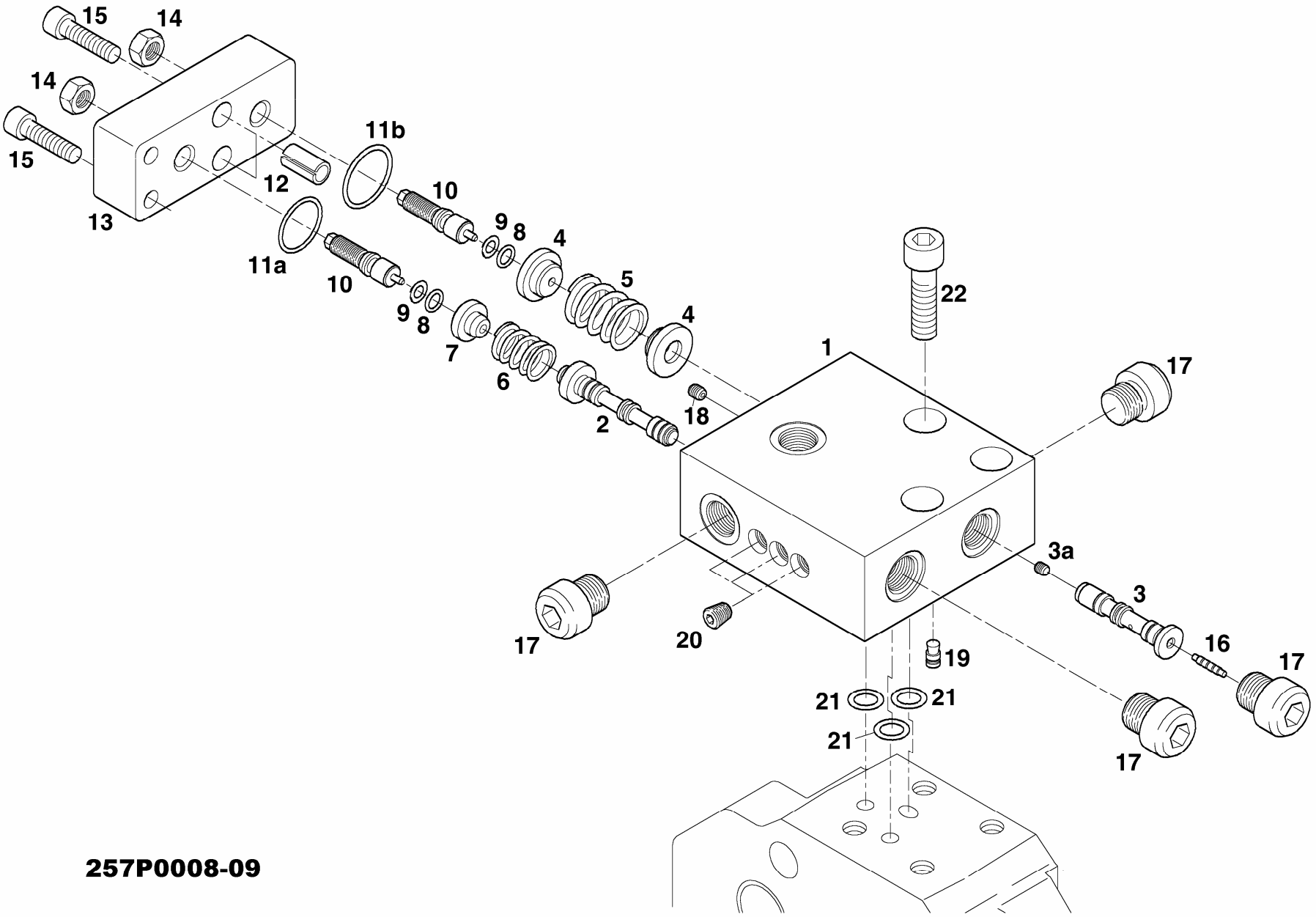
POS.	PART-NO.	DESCRIPTION	QTY	REPLACED BY	REMARKS
5	0009632031	o-ring 5x1.5-V80	2		
6	0009622753	support ring A8x1,1x1-TEF	2		
7	2523014000	pipe	2		
8	0009841011	piston ring 32.5x36x3.6	1		
9	2523450401	servopiston	1		
11a	2523434500	rod piston	1		
11b	2533450403	piston	1		
11c	9464621160	snap ring DIN 7993 B16	1		
12	2533433800	spring plate	1		
13	0009214010	compression spring 4x18x87.8x11.3	1		
14	0009145404	shim 14.7x29x2.5	1		
16	0009037400	threaded pin M12x1x45	2		
17	9243281144	seal collar nut M12x1-8 WN 14302	2		
18	9045341308	socket-head screw M12x60-10.9 DIN 912	8		
19	9045341197	socket-head screw M8x60-10.9 DIN 912	1		
20	0009630840	o-ring 84x2.5-V80	1		
21	8883031540	cover	1		
22	9008311302	hexagon screw M12x40-8.8-A2C ISO 4017	2		holds cover & flange
23	0009611096	seal	1		
24	0009182528	cover	1		
25	9008311293	hexagon screw ISO 4017 M12x20-8.80A2C	2		
26	0009611094	seal 3/4”	1		
27	0009182525	cover	1		

AR=AS REQUIRED

PORT PLATE HOUSING AND VALVES

POS.	PART-NO.	DESCRIPTION	QTY	REPLACED BY	REMARKS
28	9008311236	Hexagon screw ISO 4017 M10x20-8.8-A2C	2		
29	0009630227	o-ring 24.99 x 3.53 V80	1		used inside coupling
30	8883033670	coupling SAE BB	1		
31	8883034450	pto flange	1		
32	0009631056	o-ring 105 x 3 V80	1		

AR=AS REQUIRED


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257P0008-09

PRESSURE REGULATOR

POS.	PART-NO.	DESCRIPTION	QTY	REPLACED BY	REMARKS
	5853400724	pressure regulator assy. LP 230-350 bar range	1		includes pos. 1-21
	5853400814	housing assembly DIN	1		includes pos. 1-3a
1	---	housing DIN	1		
2	---	pilot	1		
3	---	pilot	1		
3a	9133339031	Threaded pin M3x5-22H DIN 913	1		
4	5853433800	spring plate	2		
5	0009212447	compression spring 2.4x14.9x41.0x6	1		
6	0009212632	compression spring 2.6x10.9x19.0	1		
7	5853433801	spring plate	1		
8	0009630002	o-ring 6.9x1.8-V80	2		
9	0009622734	support ring A10x1.5x1-TEF	2		
10	5853432401	timing bolt	2		
11a	0009632237	o-ring 20.35x1.8-V80	1		
11b	0009632221	o-ring 25.12x1.8-V80	1		
12	9384620366	spring dowel sleeve 8x16 DIN 7346	2		
13	5853412003	cover	1		
14	9210317114	hexagon nut M8x1-8-A2C ISO 8673	2		
15	9045341135	socket-head screw M6x25-10.9 DIN 912	4		
16	2553450315	piston	1		
17	9148010156	plug screw M14x1.5-V80 WN 14141	4		
18	9133339061	threaded pin M4x6-22H DIN 913	1		

AS REQUIRED

PRESSURE REGULATOR

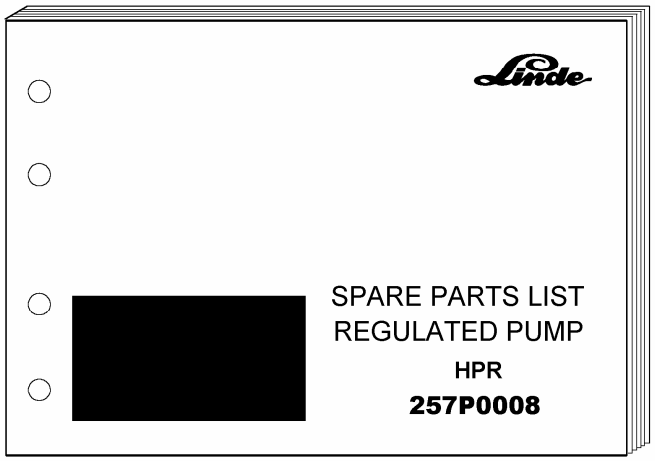
POS.	PART-NO.	DESCRIPTION	QTY	REPLACED BY	REMARKS
19	0009515127	sealing plug HK5x6x43AK	1		
20	0009033195	plug screw M8x1-5.8	3		
21	0009632114	o-ring 10.5x1.5-V80	3		
22	9045348186	socket-head screw M8x30-10.9-PHR DIN 912	3		

AS REQUIRED
257P0008

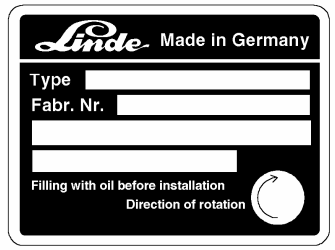
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MISCELLANEOUS

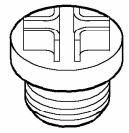
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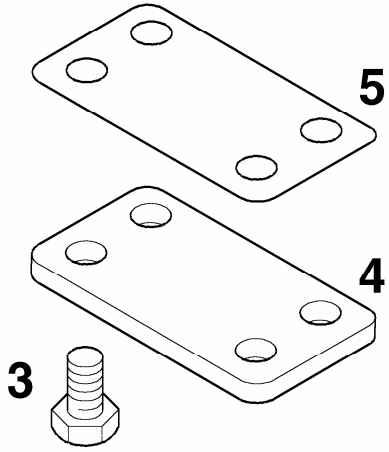


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257P0008-10

MISCELLANEOUS

POS.	PART-NO.	DESCRIPTION	QTY	REPLACED BY	REMARKS
1	257P0008	spare parts list HPR	1		
2	2573209900	set of seal assembly	1		HPR210
2	2543209907	set of seal assembly	1		HPR105
2	2533209901	set of seal assembly	1		HPR055
3	9008311406	hexagon screw ISO 4017 M16x30-8.80A2C	4		HPR210
3	9008311401	hexagon screw ISO 4017 M16x20-8.80A2C	2		HPR210
3	9008311239	hexagon screw ISO 4017 M10x25-8.80A2C	2		HPR105
3	9008311293	hexagon screw ISO 4017 M12x20-8.80A2C	2		HPR105
3	9008311293	hexagon screw ISO 4017 M12x20-8.80A2C	2		HPR055
3	9008311236	Hexagon screw ISO 4017 M10x20-8.8-A2C	2		HPR055
4	0009182511	cover 3”	1		HPR210
4	0009182547	cover 1 ½”	1		HPR210
4	0009182537	cover 2”	1		HPR105
4	0009182526	cover 1”	1		HPR105
4	0009182528	cover	1		HPR055
4	0009182525	cover ¾”	1		HPR055
5	0009611007	seal 3”	1		HPR210
5	0009611036	seal 1 ½”	1		HPR210
5	0009611025	seal 2”	1		HPR105

MISCELLANEOUS

POS.	PART-NO.	DESCRIPTION	QTY	REPLACED BY	REMARKS
5	0009611087	seal 1”	1		HPR105
5	0009611096	seal	1		HPR055
5	0009611094	seal 3/4”	1		HPR055
8	0009382738	identification plate	3		HPR210, HPR105 & HPR55
9	0009620177	plug screw M14x1.5-KS WN 14142	3		HPR210, HPR105 & HPR55
9	0009620167	plug screw M22x1.5-KS WN 14142	2		HPR105 & HPR55
9	0009620202	Plug screw M27x2-KS WN 14142	1		HPR210