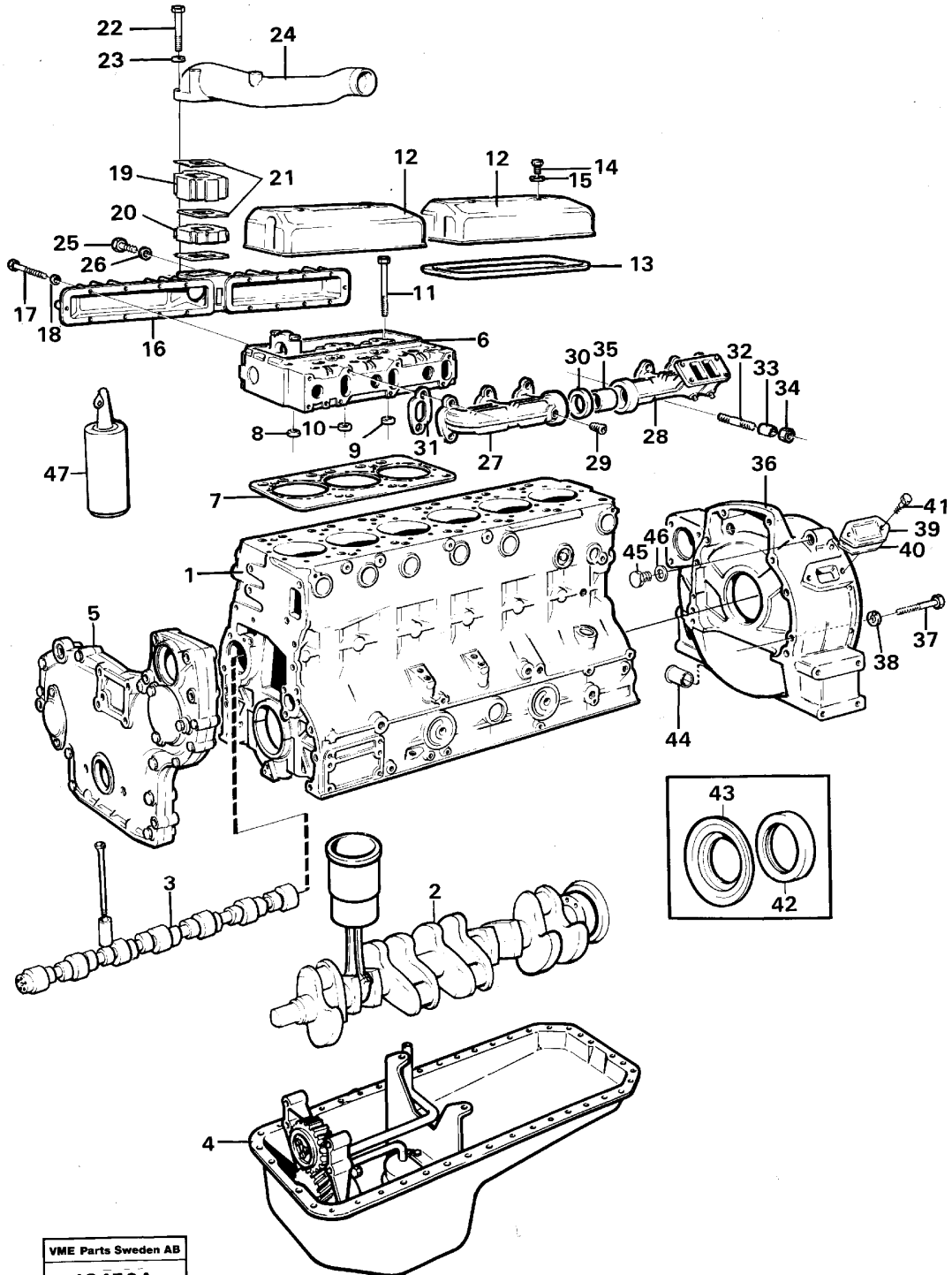


Date: <b>2014/2/25</b>	Image id: <b>18450A</b>	Catalogue: <b>97320</b>	Model: <b>L120</b>
Brand: <b>Volvo BM</b>	Serial: <b>5000-9000, 50000-70000</b>	Group/Section: <b>21/50</b>	Title: <b>Engine with fitting parts</b>



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Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
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	VOE15003916	1						Engine		(VOE497285)TD 71G
	VOE497284	1					OP	Engine	VOE91351	(VOE497284)TD 71KBE
1		1						Cylinder block		See ref 21/100
2		1						Crankshaft		See ref 21/150
3		1						Camshaft		See ref 21/200
4		1						Lubricating system		SEE GROUP 22
5		1						Timing gear casing		See ref 21/250
6		2						Cylinder head		See ref 21/300
	VOE275779	2					SS	Gasket kit		ENG - 62970
7		2					NS	•Gasket		
8	VOE465784	12						•Sealing		
9	VOE466421	16						•Sealing ring		
10	VOE422413	2						•Sealing ring		
	VOE276816	2						Gasket kit		ENG 62971 -
7	VOE477874	2					SE	•Gasket		
8	VOE465784	12						•Sealing		
9	VOE466421	16						•Sealing ring		
10	VOE422413	2						•Sealing ring		
11	VOE471481	40						Screw		
12	VOE471426	2						Valve cover		
13	VOE471520	2						Gasket		
14	VOE465961	4						Cap nut		
15	VOE471856	4						Sealing ring		
16	VOE471817	1						Inlet pipe		
		1						Inlet manifold	VOE91351	See ref 26/350
17	VOE13965180	18						Screw		STD ENG - 44669
	VOE13965180	15						Screw		STD ENG 44670 -
18	VOE13941907	18						Washer		(VOE941907)
19		1					NS	Spacer		
20		1					NS	Spacer		
		1						Starter element		See ref 37/350
21	VOE471682	2					K	Gasket		(VOE424619)STD: (466436)
22	VOE955309	2						Hexagon screw		L = 120: STD, 91351
	VOE13955310	2						Screw		L = 130: STD
	VOE967825	1						Hexagon screw		L = 165: STD, 91351
	VOE968006	2					OP	Hexagon screw		L = 200: STD
23	VOE13955894	7						Washer		STD, 91351
	VOE13955894	3						Washer		91351
24	VOE466464	1					OP	Tube		STD
25	VOE960628	1						Plug		M10: STD
	VOE960629	1						Plug		M12: STD, 91351
26	VOE13947281	1						Gasket		STD
	VOE13947282	1						Gasket		STD: 91351
27	VOE3978602	1						Exhaust pipe		(VOE471618)ENG - 102275
	VOE3978602	1						Exhaust pipe		ENG 102276 -

28	VOE3978601	1						Exhaust pipe		(VOE471619)
29	VOE13947814	1						Plug		
30	VOE275748	1					K	Sealing kit		
	VOE1545109	2						•Sealing ring		
	VOE471219	1						•Sealing ring		
31	VOE471650	6					K	Gasket		
32	VOE953077	12						Stud		ENG - 102275
	VOE13975105	11						Flange screw		ENG 102276 -
	VOE3978603	1						Stud		ENG 102276 -
33	VOE422217	12						Spacer sleeve		ENG - 102275
	VOE3978600	11						Spacer sleeve		ENG 102276 -
	VOE465517	1						Sleeve		ENG 102276 -
34	VOE471622	12						Flange lock nut		ENG - 102275
	VOE471622	1						Flange lock nut		ENG 102276 -
35	VOE421544	1						Ring retainer		
36	VOE11030955	1						Flywheel housing		(VOE4772142)
37	VOE13946544	2						Screw		M6 x 16
	VOE13966361	6						Flange screw		M14 x 55
	VOE968753	2						Flange screw		M14 x 75
38	VOE941911	2						Spring washer		
39	VOE4772168	1						Cover		
	VOE1543173	1						Setting indicator		
40	VOE4804167	1						Gasket		
41	VOE971003	2						Hexagon screw		(VOE962911)
42	VOE477119	1						Crankshaft seal		(VOE821755)
43	VOE4772132	1						Oil Catcher		
44	VOE739393	1						Tube		
45	VOE467367	1						Plug		(VOE467649)
46	VOE1556907	1						Gasket		(VOE468462)
47	VOE1161277	REQ						Sealant		
	VOE11998686	1						Gasket kit		STD
	VOE11998685	1						Gasket kit	VOE91351	intercooler

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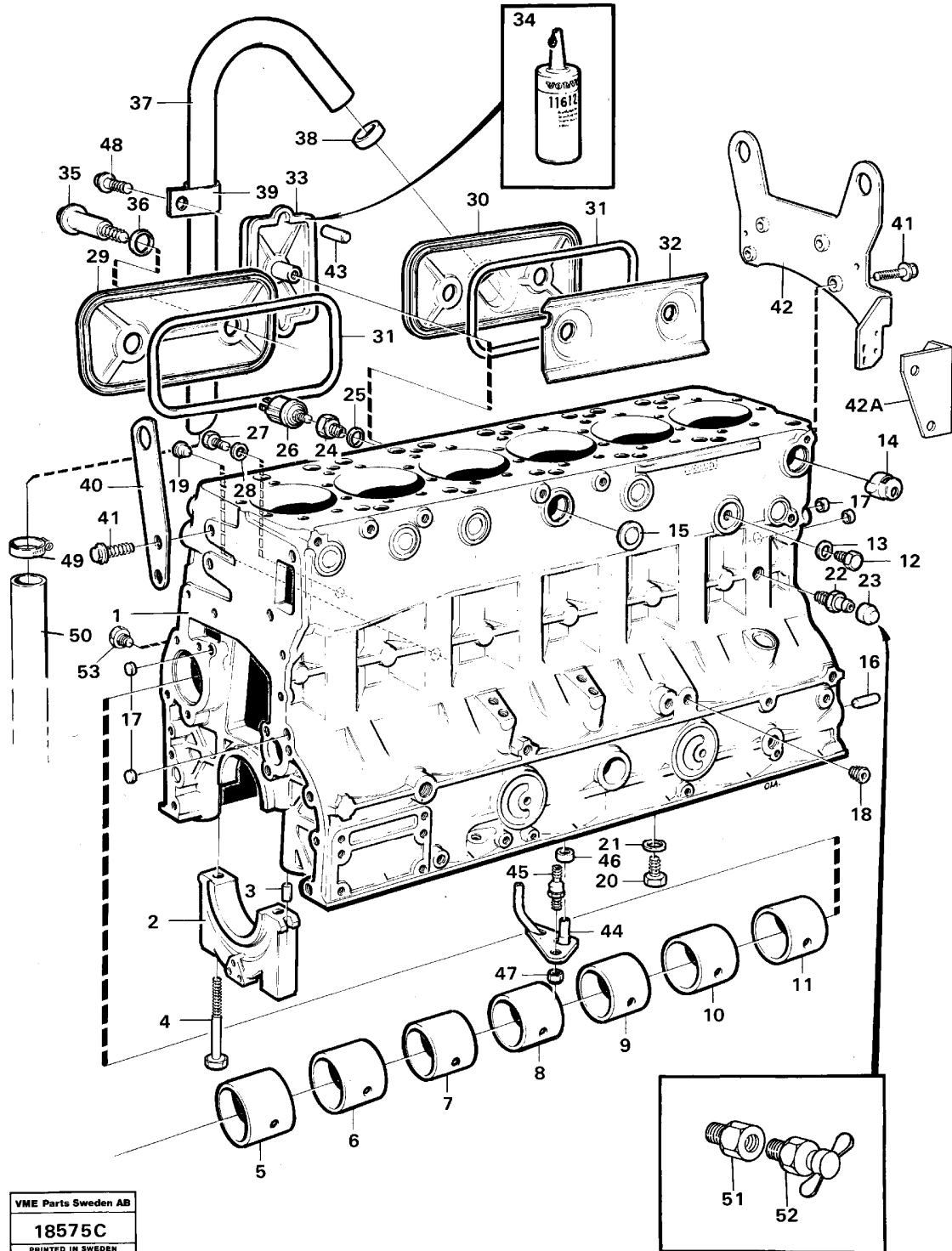
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**<https://www.ebooklibonline.com>**

Date: <b>2014/2/25</b>	Image id: <b>18575C</b>	Catalogue: <b>97320</b>	Model: <b>L120</b>
Brand: <b>Volvo BM</b>	Serial: <b>5000-9000, 50000-70000</b>	Group/Section: <b>21/100</b>	Title: <b>Cylinder block</b>



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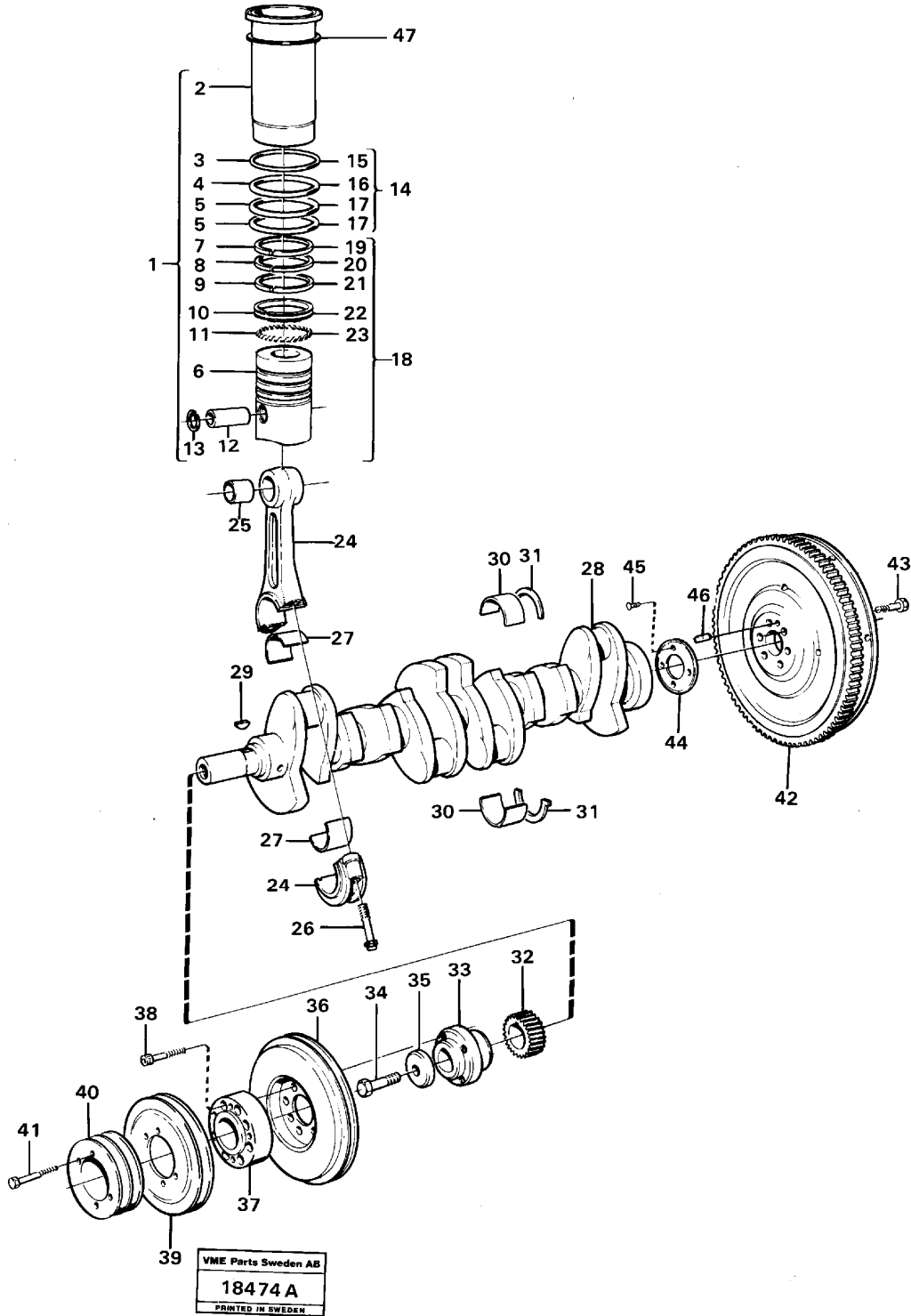
Q1-Q5	Option	Option description
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Q1 477910			
Q2 477930			
Q3 477990			
Q4 8192730			

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
	VOE477910	1					SS		Cylinder block		ENG - 61759: (471400)
	VOE477930		1				SS		Cylinder block		ENG 61760 - 64646
	VOE477990			1			OP		Cylinder block		ENG 64647 - 97292
	VOE8192730				1				Cylinder block		ENG 97293 -
1	VOE477911	1					NS		•Cylinder block		
	VOE477931		1				NS		•Cylinder block		
	VOE477991			1			NS		•Cylinder block		
	VOE8192731				1		NS		•Cylinder block		
2	VOE471935	1	1	1			NS		•Cap		MARKED: 1
	VOE471416	1	1	1			NS		•Cap		MARKED: 4
	VOE471415	5	5	5			NS		•Cap		MARKED: 2, 3, 5, 6, 7
	VOE8192740				1		NS		•Cap		MARKED: 1
	VOE8192741				1		NS		•Cap		MARKED: 4
	VOE8192742				5		NS		•Cap		MARKED: 2, 3, 5, 6, 7
3	VOE422426	1	1	1	1				•Pin		
4	VOE465899	14	14	14					•Screw		
	VOE8192738				14				•Screw		
5	VOE422076	1	1	1	1				•Bushing		
6	VOE422077	1	1	1	1				•Bushing		
7	VOE422078	1	1	1					•Bushing		
	VOE8192676				1				•Bushing		
8	VOE11000014	1	1	1					•Bushing		
	VOE8192677				1				•Bushing		
9	VOE422080	1	1	1					•Bushing		
	VOE8192678				1				•Bushing		
10	VOE422081	1	1	1					•Bushing		
	VOE8192679				1				•Bushing		
11	VOE422082	1	1	1	1				•Bushing		
12	VOE467367	1							•Plug		(VOE467649)
13	VOE1556907	1							•Gasket		(VOE469328)
14	VOE421154	6	6	6	6				•Nozzle		
15	VOE13968955	6	6	6	6				•Expansion plug		
16	VOE191171	2	2	2	2				•Pin		(VOE7191171)
17	VOE955082	4	6	6	6				•Cap plug		
18	VOE968145	1	1	1	1				•Plug		
19	VOE422369	7	2	2	2				•Plug		
20	VOE966146	1	1	1	1		SS		Plug		
21	VOE13947629	1	1	1	1				Plane gasket		(VOE947629)
22	VOE13946121	1	1	1	1				Nipple		ENG - 3066: (946121)
23	VOE476279	1	1	1	1				Protecting cap		ENG - 3066

24	VOE421528	1	1	1	1				Reduction		ENG - 61759
	VOE479979	1	1	1	1				Plug		(VOE191026)ENG 61760 -
25	VOE13947622	1	1	1	1				Plane gasket		ENG - 61759: (947622)
26	VOE1606877	1	1	1	1				Switch		
27	VOE960631	1	1	1	1				Plug		ENG - 61759
28	VOE13947622	1	1	1	1				Plane gasket		ENG - 61759: (947622)
29	VOE420120	1	1	1	1				Inspection lid		
30	VOE420121	1	1	1	1				Hatch		
31	VOE421121	2	2	2	2				Gasket		
32	VOE3978045	1	1	1	1				Splash plate		(VOE471858)
33	VOE471854	1	1	1	1				Cover		
34	VOE1161277	REQ	REQ	REQ	REQ				Sealant		
35	VOE471855	5	5	5	5				Screw		
36	VOE471856	5	5	5	5				Sealing ring		
37	VOE471857	1	1	1	1				Pipe		
38	VOE421158	1	1	1	1				Sealing ring		
39	VOE968124	1	1	1	1				Clamp		
40		1	1	1	1		NS		Iron		
41	VOE13965191	4	4	4	4				Screw		REAR LIFTING EYE
	VOE13965191	2	2	2	2				Screw		STD: (965191)
	VOE13965191	1	1	1	1				Screw	VOE91351	: M12 x 30
	VOE13965191	1	1	1	1				Screw	VOE91351	: M12 x 30
	VOE13965194	1	1	1	1				Screw	VOE91351	: M12 x 60
42		1	1	1	1		NS		Iron		E PROD
42A		1	1	1	1		NS		Iron		RH: L PROD
		1	1	1	1		NS		Lifting eye		LH: L PROD
43	VOE951974	1	1	1	1				Spring pin		
44	VOE420628	6	6	6	6				Nozzle		(VOE466836)
45	VOE471596	6	6	6	6				Stud		
46	VOE466874	6	6	6	6				Sealing ring		
47	VOE13948570	6	6	6	6				Lock nut		(MI948570)
48	VOE946329	1	1	1	1				Flange screw		
49	VOE927661	REQ	REQ	REQ	REQ				Rubber hose		L=450
50	VOE943475	1	1	1	1				Hose clamp		
51	VOE479954	1	1	1	1				Nipple		(VOE7190130)ENG 3067 -
52	VOE13947893	1	1	1	1				Crane		ENG 3067 - : (947893)
53	VOE479976	1	1	1	1				Plug		(VOE946559)L PROD

Date: <b>2014/2/25</b>	Image id: <b>18474A</b>	Catalogue: <b>97320</b>	Model: <b>L120</b>
Brand: <b>Volvo BM</b>	Serial: <b>5000-9000, 50000-70000</b>	Group/Section: <b>21/150</b>	Title: <b>Crankshaft and related parts</b>



Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
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1	VOE275628	6						Cylinder liner kit	(VOE275094)ENG - 97292
	VOE11704454	6						Cylinder liner kit	ENG 97293 -
2		1				NS		•Cylinder liner	
3		1				NS		•Seal ring	
4		1				NS		•Seal ring	
5		2				NS		•Seal ring	
6		1				NS		•Piston	
7		1				NS		•Piston ring	
8		1				NS		•Compression ring	
9		1				NS		•Piston ring	
10		1				NS		•Oil ring	
11		1				NS		•Expanding ring	
12	VOE3978588	1				OP		•Gudgeon pin	(VOE421033)ENG - 63586
	VOE3978588	1				OP		•Gudgeon pin	(VOE477927)ENG 63587 - 97292
	VOE3978588	1				OP		•Gudgeon pin	ENG 97293 -
13	VOE914525	2						•Retaining ring	
14	VOE271159	6						Sealing ring kit	(VOE275778)
15		1				NS		•Sealing strip	
16		1				NS		•Sealing strip	
17		2				NS		•Sealing strip	
18	VOE271117	6						Piston ring kit	
19		1				NS		•Piston ring	
20		1				NS		•Compression ring	
21		1				NS		•Piston ring	
22		1				NS		•Oil ring	
23		1				NS		•Expanding ring	
24	VOE471523	6						Connecting rod	
25	VOE471364	1						•Bushing	
26	VOE465815	2						•Screw	
27	VOE270115	6						Big End Brg Kit	STD D
	VOE270116	6						Big End Brg Kit	0,25 U SZ
	VOE270117	6						Big End Brg Kit	0,50 U SZ
	VOE270118	6				OP		Big End Brg Kit	0,75 U SZ
	VOE270119	6						Big End Brg Kit	1,00 U SZ
28	VOE477116	1						Crankshaft	(VOE471411)ENG - 97292
	VOE8192695	1						Crankshaft	ENG 97293 -
29	VOE422253	1						•Key	ENG - 97292
	VOE950681	1						•Pin	ENG 97293 -
30	VOE270432	7						Main bearing kit	STD D, ENG - 97292
	VOE270433	7						Main bearing kit	0,25 U SZ, ENG - 97292
	VOE270434	7						Main bearing kit	0,50 U SZ, ENG - 97292
	VOE270435	7						Main bearing kit	0,75 U SZ, ENG - 97292
	VOE270436	7						Main bearing kit	1,00 U SZ, ENG - 97292
	VOE270437	7						Main bearing kit	1,25 U SZ, ENG - 97292

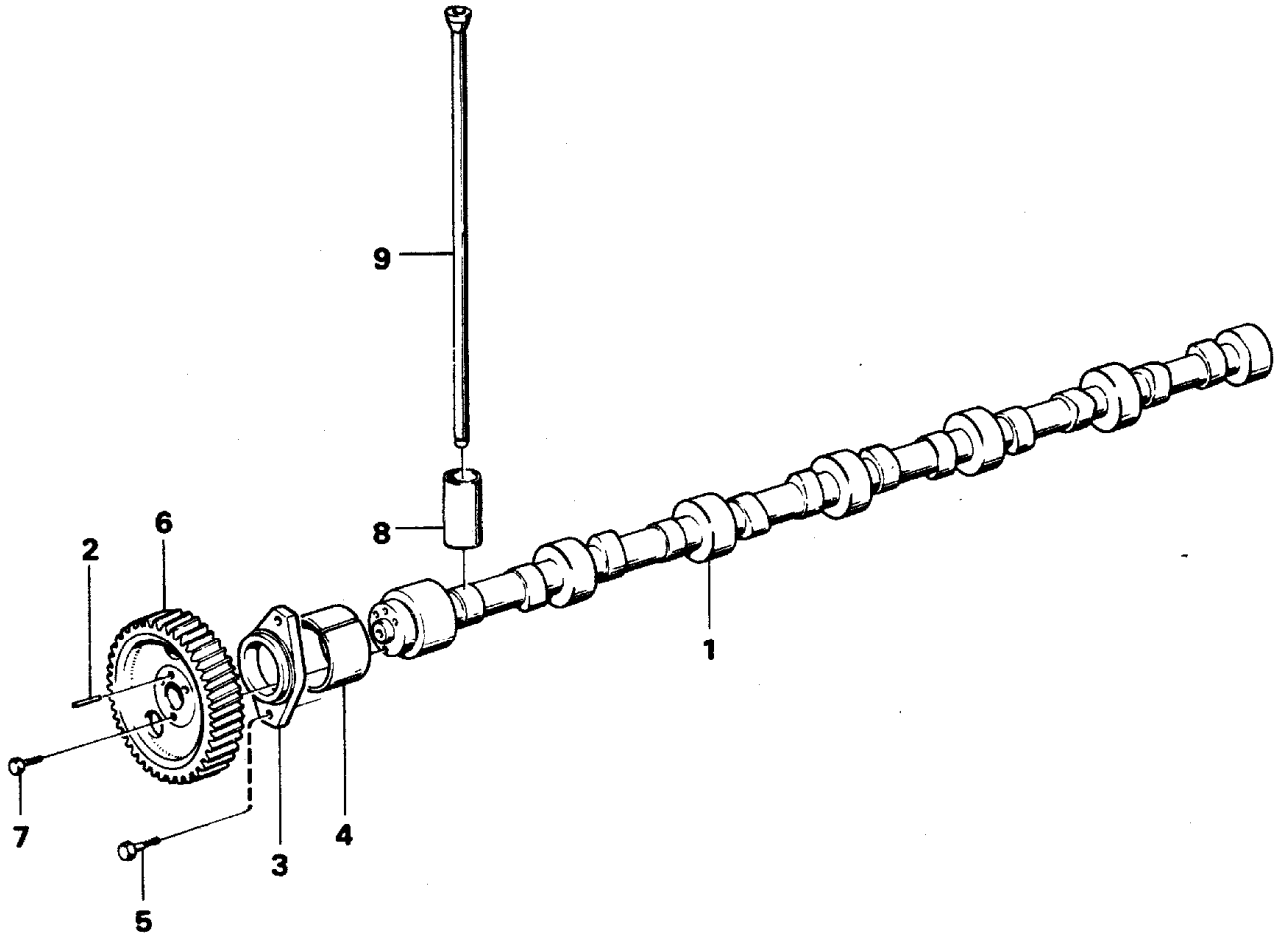
	VOE276894	7							Main bearing		STD, ENG 97293 -
	VOE276895	7							Main bearing kit		0,254MM U SZ, ENG 97293 -
	VOE276896	7							Main bearing kit		0,508MM U SZ, ENG 97293 -
	VOE276897	7							Main bearing kit		0,792MM U SZ, ENG 97293 -
	VOE276898	7							Main bearing kit		1,016MM U SZ, ENG 97293 -
	VOE276899	7							Main bearing kit		1,270MM U SZ, ENG 97293 -
31	VOE276754	1							Thrust washer		STD D, (7276754) ENG - 97292
	VOE276755	1							Thrust washer		(VOE276755)0,1 O SZ, ENG - 97292
	VOE276756	1							Thrust washer		(VOE276756)0,2 O SZ, ENG - 97292
	VOE276757	1							Thrust washer		(VOE276757)0,3 O SZ, ENG - 97292
	VOE276890	1							Thrust washer		STD, ENG 97293 -
	VOE276891	1							Thrust washer		0,1MM U SZ, ENG 97293 -
	VOE276892	1							Thrust washer		0,2MM U SZ, ENG 97293 -
	VOE276893	1							Thrust washer		0,3MM U SZ, ENG 97293 -
32	VOE471528	1							Gear		
33	VOE465779	1							Hub		
34	VOE470366	1							Screw		
35	VOE420124	1							Washer		
36	VOE421515	1							Vibration damper		(VOE471194)
37	VOE4772218	1							Hub		
38	VOE4772247	8							Screw		
39	VOE4772217	1							Pulley		SER NO 5011 - (USA) SER NO 60112 - IRAN
40	VOE4772236	1							Pulley		SER NO 5011 - (USA) SER NO 60112 - IRAN
	VOE4772220	1							Pulley	VOE90781	
41	VOE13965187	4							Screw		(MI965187)
42	VOE11030557	1							Flywheel		(VOE11030527)ENG - 97292
	VOE11030938	1							Flywheel		ENG 97293 -
	VOE420314	1							•Gear ring		(VOE420067)
43	VOE471541	9							Screw		
44	VOE786589	1							Deflector		
45	VOE905654	4							Drive screw		
46	VOE950677	1							Pin		
47	VOE466878	REQ							Shim		THICK = 0.12

VOE466114	REQ							Shim		THICK = 0.20
VOE466183	REQ							Shim		THICK = 0.30
VOE466184	REQ							Shim		THICK = 0.50

# VOLVO

## Construction Equipment

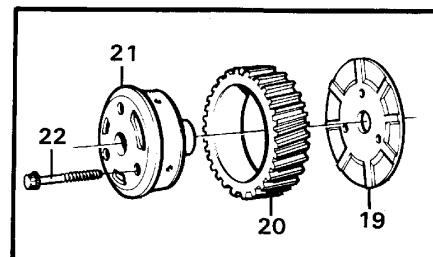
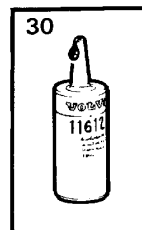
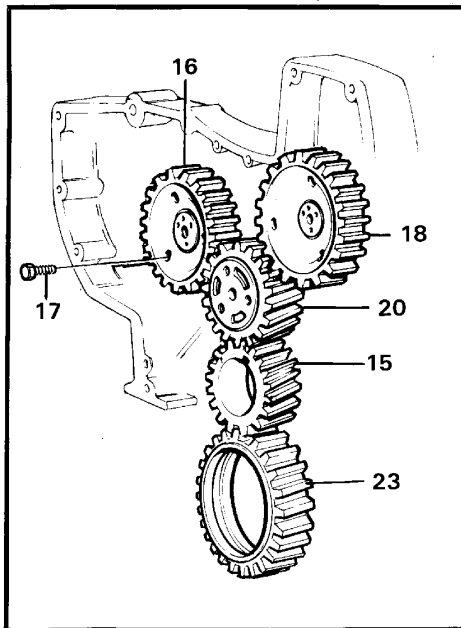
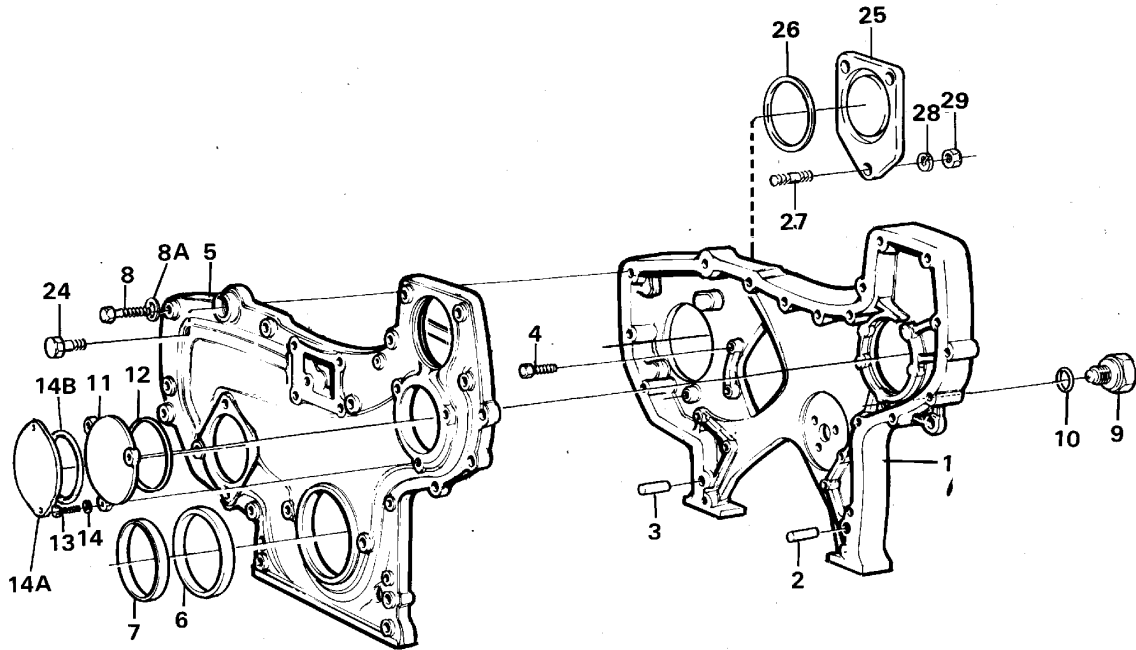
Date: <b>2014/2/25</b>	Image id: <b>18350A</b>	Catalogue: <b>97320</b>	Model: <b>L120</b>
Brand: <b>Volvo BM</b>	Serial: <b>5000-9000, 50000-70000</b>	Group/Section: <b>21/200</b>	Title: <b>Camshaft</b>



Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE471413	1							Camshaft		ENG - 97292
	VOE3978505	1							Camshaft		ENG 97293 -
2	VOE950588	1							•Pin		
3	VOE465789	1							Flange		
4		7							Bushing		See ref 21/100
5	VOE471509	2							Screw		

6		1							Camshaft gear		See ref 21/250
7		3							Screw		See ref 21/250
8	VOE11030953	12							Tappet		
9	VOE421385	12							Push rod		ENG - 97292
	VOE8192698	12							Push rod		ENG 97293 -

Date: <b>2014/2/25</b>	Image id: <b>18451A</b>	Catalogue: <b>97320</b>	Model: <b>L120</b>
Brand: <b>Volvo BM</b>	Serial: <b>5000-9000, 50000-70000</b>	Group/Section: <b>21/250</b>	Title: <b>Timing gear casing and gears</b>



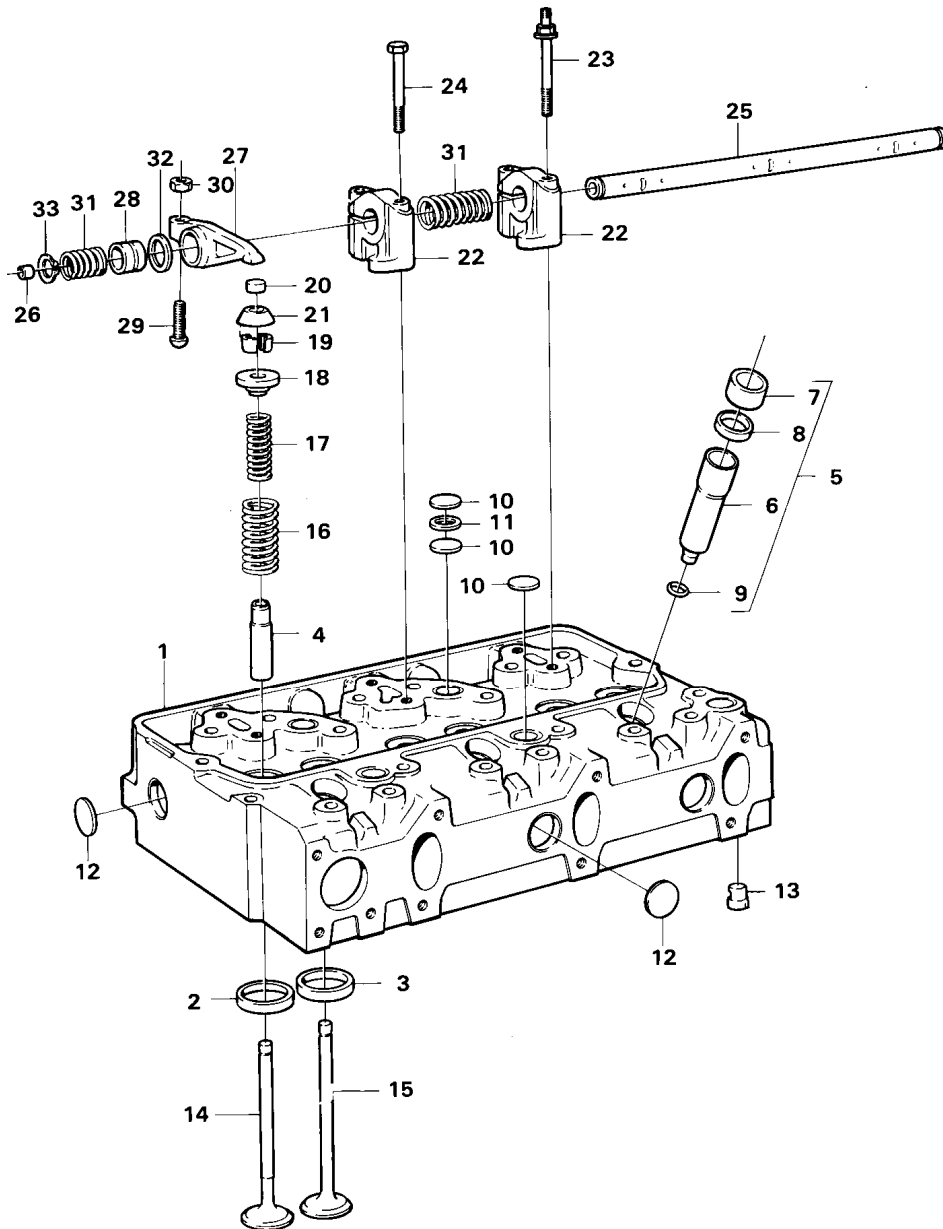
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Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
-----	------	----	----	----	----	----	----	-----	-------------	-----------	--------

1	VOE471505	1							Tmg Gear Casing		
2	VOE13941510	1							Pin		(VOE941510)
3	VOE13941511	1							Pin		(VOE941511)
4	VOE471534	2							Screw		L = 28
	VOE471535	2							Screw		L = 58
5	VOE471562	1						SS	Tmg Gear Cover		ENG - 69049
	VOE8192052	1						SS	Tmg Gear Cover		ENG 69050 - 82971
	VOE8192590	1							Tmg Gear Cover		ENG 82972 -
6	VOE477118	1							•Sealing ring		(471055)
7		1						NS	•Felt sealing		(942083)
8	VOE13947760	7							Flange screw		L = 40: (947760)
	VOE13948217	2							Flange screw		L = 45: (948217)
	VOE13965216	1							Screw		L = 55: (965216)
	VOE13965182	6							Flange screw		L = 80: (965182)
	VOE13965183	1							Flange screw		L = 90: (965183)
8A	VOE955895	2							Washer		
9	VOE13960632	1							Plug		(VOE960632)
10	VOE13947624	1							Plane Gasket		(VOE7011998)
11	VOE471559	1							Cap		
12	VOE925257	1							O-ring		
13	VOE13945444	3							Flange screw		(VOE945444)
14	VOE13941907	3							Spring Washer		(VOE941907)
14A	VOE465735	1							Cap		
14B	VOE925094	1							O-ring		(VOE465058)
15		1							Gear, crankshaft		See ref 21/150
16	VOE423079	1							Gear		ENG - 35286
	VOE478297	1							Gear		ENG 35287 -, "NITRO"
17	VOE471555	3							Screw		
18		1							Gear, inject. pump		See ref 23/300
19	VOE478951	1							Thrust Washer		(VOE467529)ENG - 82971
	VOE478951	2							Thrust Washer		ENG 82972 -
	VOE478954	1							Bearing Shield		ENG 82972 -
20	VOE8192518	1							Idler Gear		(VOE471552)ENG - 82971
	VOE8192578	1							Idler Gear		ENG 82972 -
	VOE479687	1							•Bushing		
21	VOE11704619	1							Axle		(VOE467463)ENG - 82971
	VOE8192636	1							Bearing spindle		(VOE479779)ENG 82972 -
22	VOE471554	3							Screw		ENG - 82971
	VOE8192579	3							Screw		ENG 82972 -
	VOE942180	3							Disc Spring		ENG 82972 -
23		1							Oilpump gear		See ref 22/100
24	VOE965225	1							Flange screw		
25	VOE420178	1							Cover		
26	VOE13975610	1							O-ring		(VOE413619)



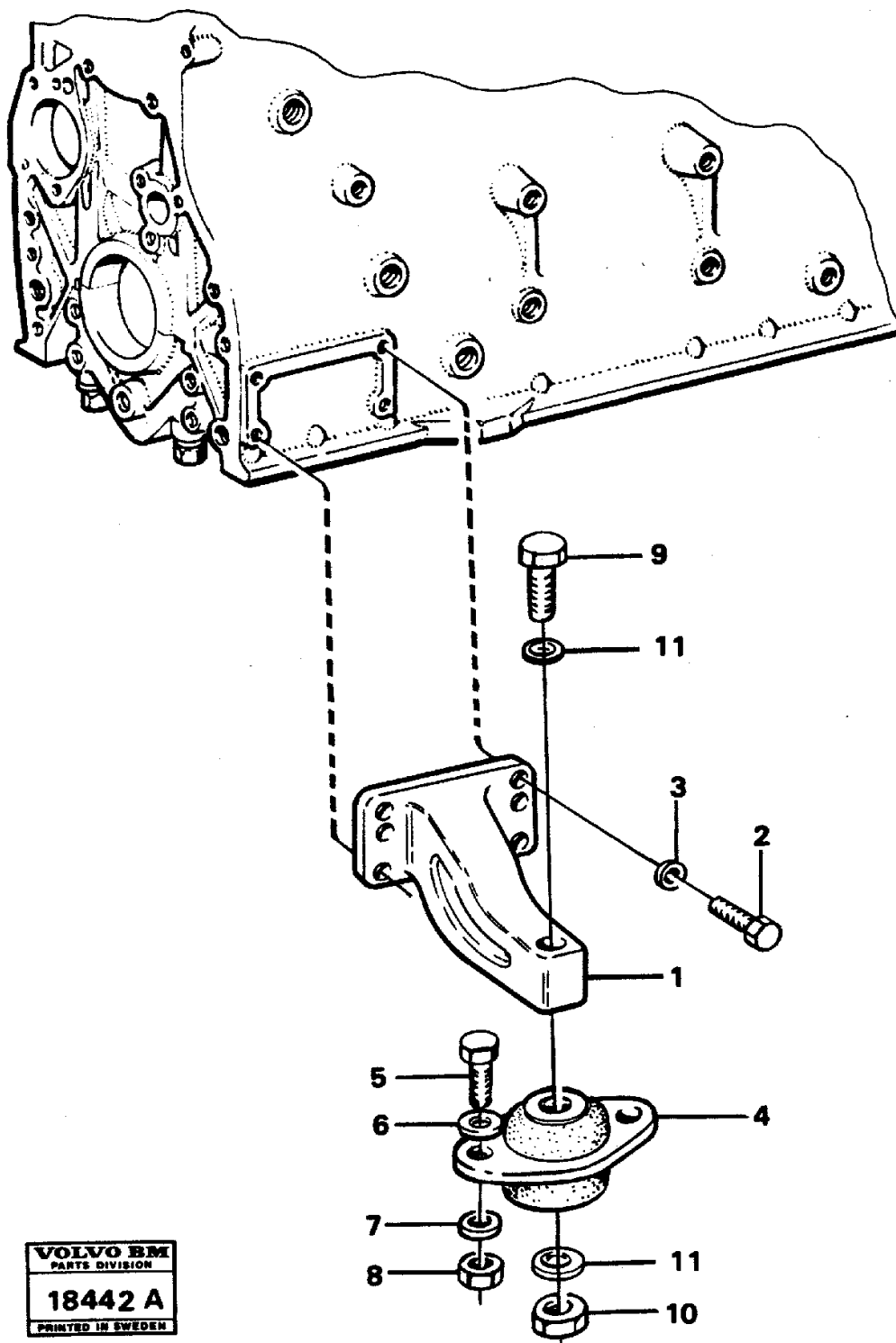
Date: <b>2014/2/25</b>	Image id: <b>18352</b>	Catalogue: <b>97320</b>	Model: <b>L120</b>
Brand: <b>Volvo BM</b>	Serial: <b>5000-9000, 50000-70000</b>	Group/Section: <b>21/300</b>	Title: <b>Cylinder head</b>



Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
-----	------	----	----	----	----	----	----	-----	-------------	-----------	--------

	VOE421500	1							Cylinder head		
1	VOE471409	1					SE		•Cylinder head		
2	VOE421011	3						K	••Valve seat		STD
	VOE421316	3							••Valve seat		0.20 O SZ
3	VOE466266	3						K	••Valve seat		STD
	VOE466307	3					OP		••Valve seat		0.20 O SZ
4	VOE466386	6						K	••Valve guide		
5	VOE273821	3					SS		••Repair kit		
6	VOE477928	3							•••Socket		(VOE466403)
7	VOE466420	3							•••Ring		
8	VOE466405	3							•••Sealing ring		
9	VOE466922	3							•••Sealing ring		
5	VOE276130	3						K	••Repair kit		
6		3					NS		•••Sleeve		
7	VOE466420	3							•••Ring		
8	VOE466405	3							•••Sealing ring		
9	VOE466922	3							•••Sealing ring		
10	VOE477026	7							••Expansion plug		(192426)
11	VOE947626	2							••Gasket		
12	VOE477024	4							••Expansion plug		(192211)
13	VOE465420	5							••Nozzle		
14	VOE466379	3						K	•Valve		
15	VOE421680	3						K	•Exhaust valve		(VOE471195)
16	VOE466384	6							•Valve spring		
17	VOE466383	6							•Valve spring		
18	VOE466382	6							•Washer		
19	VOE468305	12							•Valve Collet		
20	VOE478074	6							•Valve cap		(VOE469365)
21	VOE469456	6							•Protecting ring		
22	VOE477384	6							Bearing Bracket		(VOE471511)
23	VOE471512	4							Screw		
24	VOE471513	8							Screw		
25	VOE471518	2							Rocker arm shaft		
26	VOE946778	4							•Cap plug		
27	VOE422063	12							Rocker arm		
28	VOE422066	12							•Bushing		
29	VOE422993	12							•Bolt		(VOE423058)
30	VOE940175	12							•Nut		
31	VOE421173	4							Spring		
32	VOE941488	4							Washer		
33	VOE914459	4							Retaining ring		

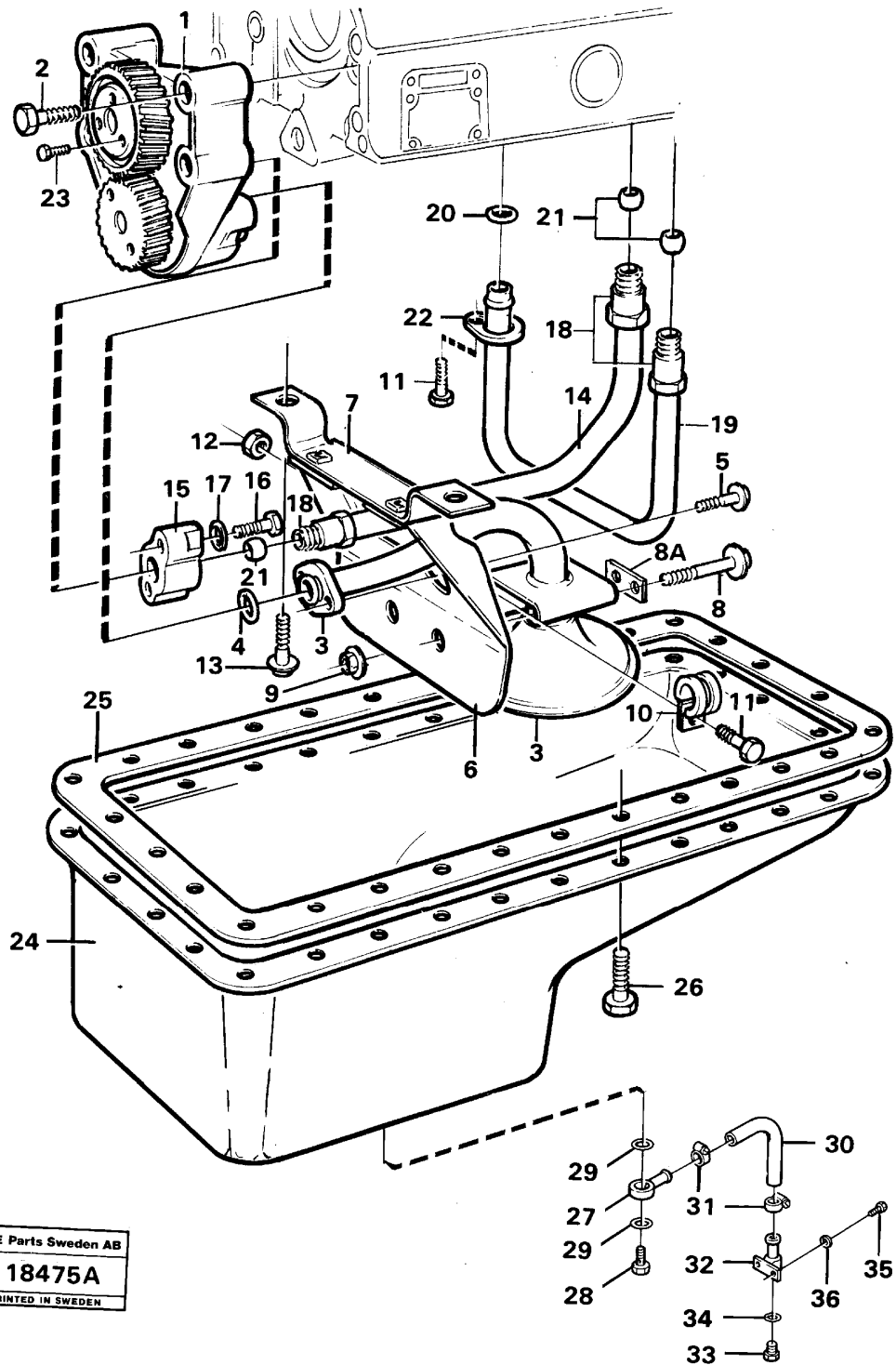
Date: <b>2014/2/25</b>	Image id: <b>18442A</b>	Catalogue: <b>97320</b>	Model: <b>L120</b>
Brand: <b>Volvo BM</b>	Serial: <b>5000-9000, 50000-70000</b>	Group/Section: <b>21/350</b>	Title: <b>Engine mounting</b>



Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
-----	------	----	----	----	----	----	----	-----	-------------	-----------	--------

1	VOE4856778	2							Engine Mounting		
2	VOE970976	8							Hexagon screw		(VOE13970976)SER NO - 5010 (USA) SER NO - 60069
											(13955346)
	VOE13970975	8							Hexagon screw		SER NO 5011 - (USA) SER NO 60070 -
											IRAN (955345)
3	VOE4850822	8							Spacer		SER NO - 5010
	VOE13955897	8							Washer		SER NO 5011 - USA, IRAN
											(955897)
4	VOE342812	2							Rubber cushion		(VOE7342812)
5	VOE13970950	4							Hexagon screw		(VOE955320)
6	VOE13960143	4							Washer		(VOE960143)
7	VOE11015657	4							Washer		(VOE4746470)
8	VOE13971098	4							Flange nut		(VOE13949279)
9	VOE13955378	2							Screw		(VOE955378)
10	VOE945884	2							Lock nut		
11	VOE13955900	4							Washer		

Date: <b>2014/2/25</b>	Image id: <b>18475A</b>	Catalogue: <b>97320</b>	Model: <b>L120</b>
Brand: <b>Volvo BM</b>	Serial: <b>5000-9000, 50000-70000</b>	Group/Section: <b>22/50</b>	Title: <b>Lubricating oil system</b>



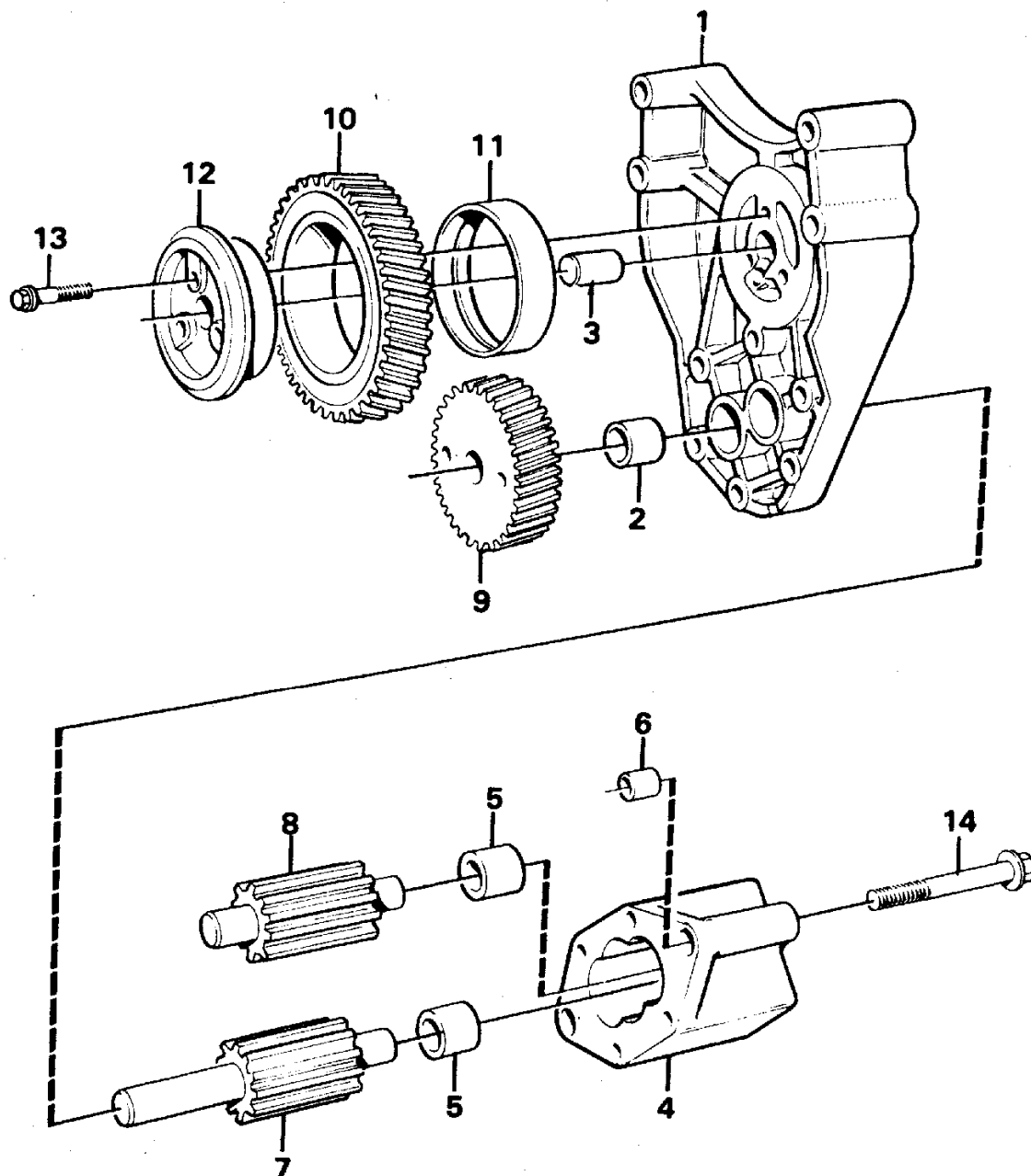
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**18475A**  
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Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
-----	------	----	----	----	----	----	----	-----	-------------	-----------	--------

1		1							Oil pump		See ref 22/100
2	VOE471513	4							Screw		
3	VOE4772100	1							Suction pipe		ENG - 97292
	VOE11030171	1							Suction pipe		ENG 97293 -
4	VOE470383	2							Sealing ring		
5	VOE13965183	2							Flange screw		(VOE965183)ENG - 97292
	VOE13965184	2							Flange screw		ENG 97293 -
6	VOE4772097	1							Baffle plate		ENG - 97292
	VOE11032801	1							Baffle plate		ENG 97293 -
7	VOE4772098	1							Bracket		ENG - 97292
	VOE11032855	1							Bracket		ENG 97293 -
8	VOE13965218	2							Screw		(VOE965218)ENG - 97292
	VOE13965218	1							Screw		ENG 97293 -
	VOE946440	1							Flange screw		ENG 97293 -
8A	VOE421750	1							Washer		ENG - 97292
	VOE421750	1							Washer		ENG 97293 -
	VOE11030174	1							Bracket		ENG 97293 -
	VOE11030722	1							Clamp		ENG 97293 -
	VOE13946544	2							Screw		ENG 97293 -
9	VOE946036	2							Lock nut		(EH945408)
10	VOE1545433	1							Clamp		
11	VOE946440	2							Flange screw		
12	VOE13945408	1							Nut		(EH945408)
13	VOE946440	2							Flange screw		
14	VOE477947	1							Oil feed pipe		ENG - 97292
	VOE471595	1							•Connector		
	VOE477948	1							•Oil feed pipe		ENG 97293 -
15	VOE465846	1							Sleeve		
16	VOE968553	2							Flange screw		
17	VOE13941907	2							Washer		(VOE941907)
18	VOE471588	3							Connector		
19	VOE420996	1							Oil feed pipe		
	VOE471595	1							•Connector		
	VOE471746	1							•Clamp		
20	VOE471956	2							Sealing ring		
21	VOE980786	3							Fitting		(VOE956972)
22	VOE471746	1							Clamp		
23	VOE471734	2							Screw		
24	VOE4772062	1					OP		Oil pan		
25	VOE11030779	1							Gasket		(424919, 424601)
26	VOE946440	36							Flange screw		
27	VOE4761859	1							Oil draining pipe		
28	VOE4746672	1							Hollow screw		
29	VOE13955997	2							O-ring		(VOE955997)
30	VOE13961191	REQ							Hydraulic hose		L = 610

31	VOE13943472	2							Hose clamp		(VOE943472)
32	VOE4850236	1							Nipple		
33	VOE926370	1							Plug		
34	VOE958225	1							O-ring		
35	VOE13955294	2							Screw		(VOE955294)
36	VOE13955894	2							Washer		

Date: <b>2014/2/25</b>	Image id: <b>18476</b>	Catalogue: <b>97320</b>	Model: <b>L120</b>
Brand: <b>Volvo BM</b>	Serial: <b>5000-9000, 50000-70000</b>	Group/Section: <b>22/100</b>	Title: <b>Oil pump</b>



Q1-Q5	Option	Option description	
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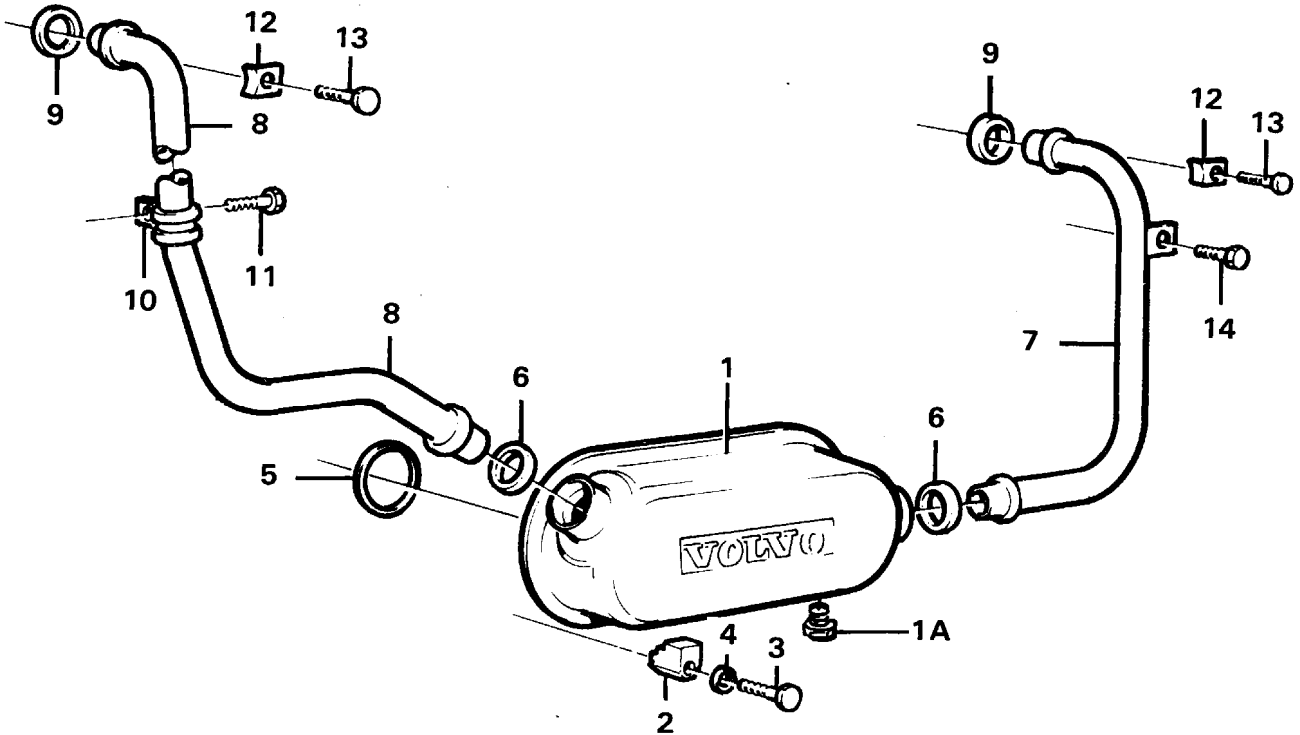
Q1 471733			
Q2 477547			
Q3 864760			

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
	VOE471733	1					SS		Oil pump housing		
	VOE477547		1						Oil pump		ENG - 97292
	VOE864760			1					Oil pump		ENG 97293 -
1	VOE471571	1	1	1					•Bracket		
2	VOE470347	2	2	2				K	••Bushing		
3	VOE191171	1	1	1					••Pin		(VOE7191171)
4	VOE471727	1	1				NS		•Oil pump housing		
	VOE470344			1			NS		•Oil pump housing		
5	VOE470347	2	2	2					••Bushing		
6	VOE401146	2	2	2					••Guide sleeve		
7	VOE471730	1					NS	K	•Drive shaft		
	VOE477549		1				NS	K	•Drive shaft		
	VOE478651			1			NS	K	•Drive shaft		
8	VOE471731	1					NS	K	•Pump gear		
	VOE477548		1				NS	K	•Pump gear		
	VOE478650			1			NS	K	•Pump gear		
9	VOE471941	1	1	1					•Drive Gear		
10	VOE471942	1	1	1					•Drive Gear		
11	VOE471585	1	1	1			NS		••Bushing		
12	VOE420048	1	1	1					•Bearing sleeve		
13	VOE471586	1	1	1					•Screw		
14	VOE13965218	2	2						•Screw		(VOE965218)
	VOE13965184			2					•Flange screw		
	VOE275777	1					SS		Oil pump kit		
	VOE276152		1						Repair kit		
	VOE276156			1					Repair kit		

# VOLVO

## Construction Equipment

Date: <b>2014/2/25</b>	Image id: <b>20254A</b>	Catalogue: <b>97320</b>	Model: <b>L120</b>
Brand: <b>Volvo BM</b>	Serial: <b>5000-9000, 50000-70000</b>	Group/Section: <b>22/125</b>	Title: <b>Oil cooler</b>

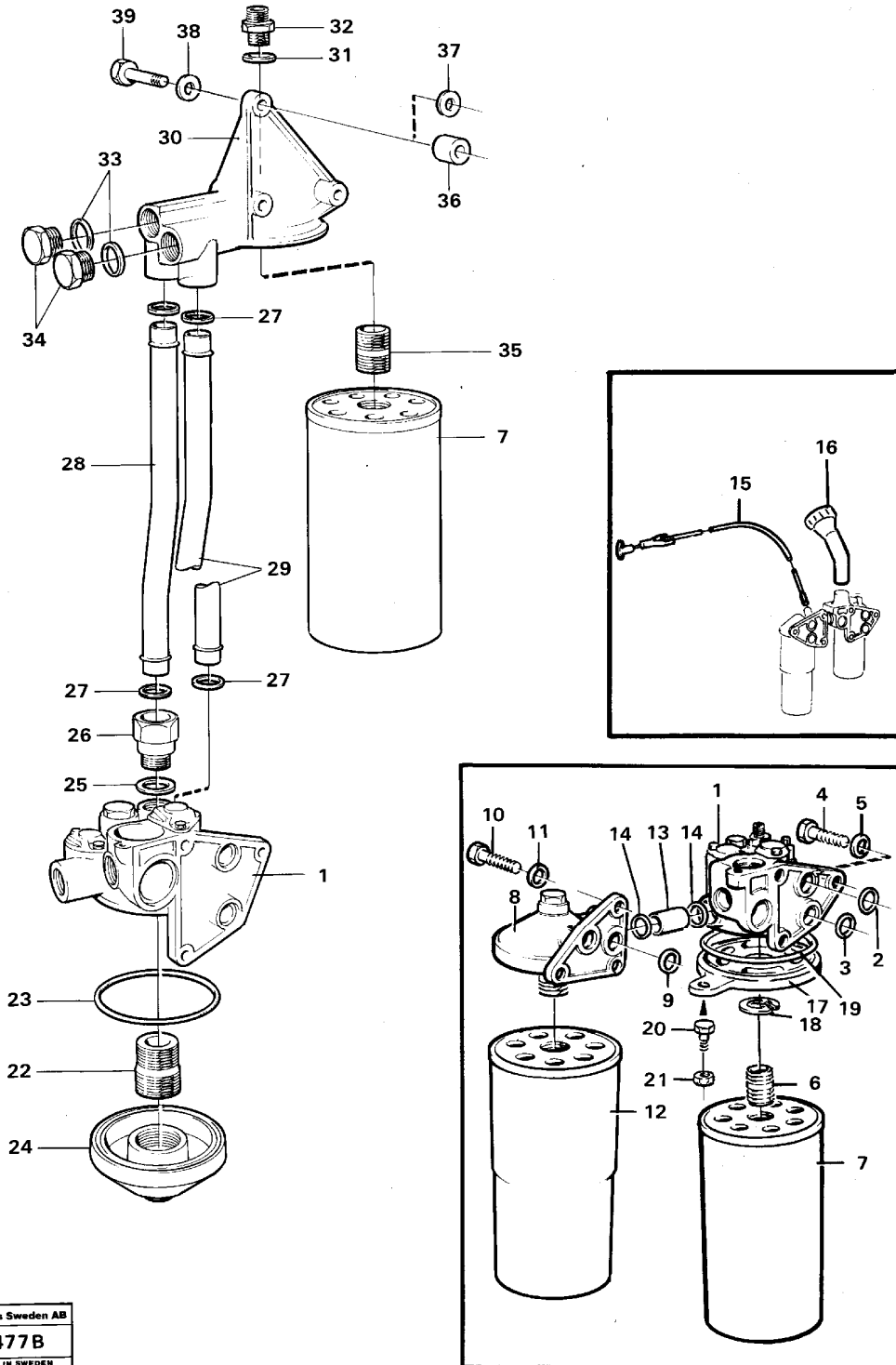


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<b>20254 A</b>
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Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE1661254	1							Oil Cooler		
1A	VOE180759	1							•Plugg		
2	VOE471804	4							Retainer		
3	VOE13965186	4							Flange screw		(VOE965186)L = 50
	VOE970952	2							Hexagon screw		(VOE13970952)L = 50; (13955322)

	VOE13970953	2							Hexagon screw		L = 55: (13955323)
4	VOE955895	4							Washer		
5	VOE471467	2							Sealing ring		
6	VOE471708	2							Sealing ring		
7	VOE3978502	1							Coolant Pipe		(VOE421650)
8	VOE849673	1							Pipe		
9	VOE471637	2							Sealing ring		
10	VOE968508	1							Clamp		
11	VOE946440	1							Flange screw		
12	VOE421654	2							Clamp		
13	VOE946440	1							Flange screw		L = 16
	VOE13949846	1							Screw		L = 20: (949846)
14	VOE946441	1							Flange screw		

Date: <b>2014/2/25</b>	Image id: <b>18477B</b>	Catalogue: <b>97320</b>	Model: <b>L120</b>
Brand: <b>Volvo BM</b>	Serial: <b>5000-9000, 50000-70000</b>	Group/Section: <b>22/150</b>	Title: <b>Oil filter</b>

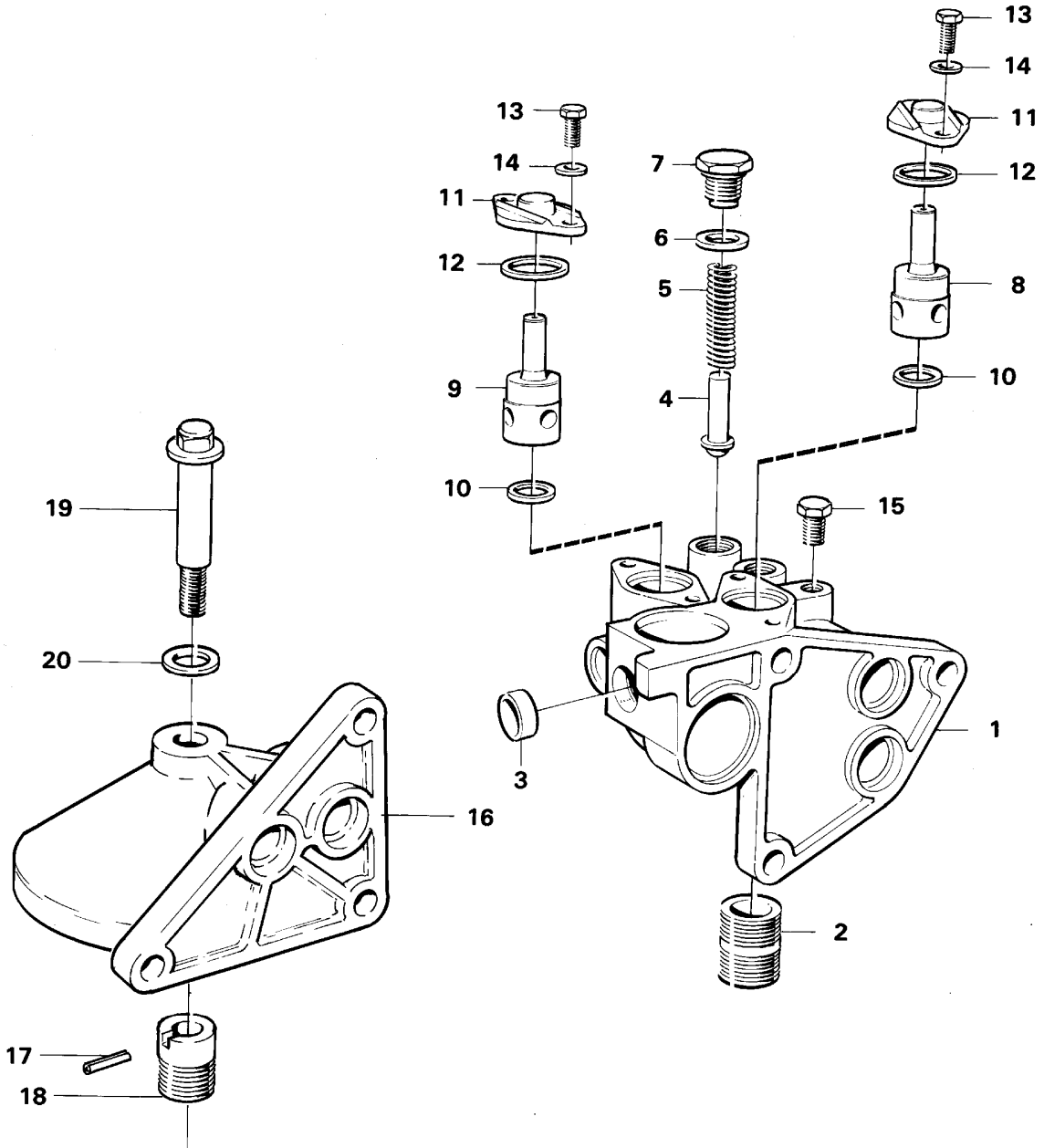


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Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
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1		1						Filter Housing		See ref 22/200
2	VOE13949656	2						O-ring		(VOE949656)
3	VOE13949722	1						O-ring		(VOE949722)
4	VOE946329	2						Flange screw		L = 25
	VOE13965222	1						Screw		L = 65: (965222)
5	VOE941908	3						Spring washer		
6		1						Nipple		See ref 22/200
7	VOE466634	1						Oil filter		
8		1						Housing		See ref 22/200
9	VOE13949656	2						O-ring		(VOE949656)
10	VOE946329	3						Flange screw		
11	VOE941908	3						Spring washer		
12	VOE477556	1						Oil Filter		(VOE471392)
13	VOE471602	1						Tube		
14	VOE471956	2						Sealing ring		
15		1						Oil dip stick		See ref 22/250
16		1						Filler pipe		See ref 22/250
17	VOE4771601	1						Plate		ENG - 44669
18	VOE914461	1						Retaining ring		ENG - 44669
19	VOE968759	1						O-ring		ENG - 44669
20	VOE946471	1						Flange screw		ENG - 44669
21	VOE13961293	1						Nut		ENG - 44669; (961293)
22		1						Nipple		See ref 22/200
23	VOE13948981	1						O-ring		See footnote 931)
24	VOE3812509	1						Casing		(VOE848431)See footnote 931)
25	VOE13947625	1						Plane gasket		See footnote 931)
26	VOE11030597	1						Nipple		See footnote 931)
27	VOE471956	4						Sealing ring		See footnote 931)
28	VOE11030595	1						Pipe		See footnote 931)
29	VOE11030598	1						Pipe		See footnote 931)
30	VOE11030594	1						Housing		See footnote 931)
31	VOE13947622	1						Plane gasket		See footnote 931)
32	VOE14213266	1						Fitting		See footnote 931)
	VOE14213676	1						•Sealing ring		
33	VOE13947627	2						Plane gasket		(VOE947627)See footnote 931)
34	VOE13966145	2						Plug		See footnote 931)
35	VOE466623	1						Nipple		See footnote 931)
36	VOE469909	3						Bushing		See footnote 931) : STD
37	VOE191172	3						Washer	VOE91351	See footnote 931)
38	VOE13955894	3						Washer		See footnote 931)
39	VOE955309	2						Hexagon screw		See footnote 931)
	VOE967825	1						Hexagon screw		See footnote 931)

Date: <b>2014/2/25</b>	Image id: <b>20255A</b>	Catalogue: <b>97320</b>	Model: <b>L120</b>
Brand: <b>Volvo BM</b>	Serial: <b>5000-9000, 50000-70000</b>	Group/Section: <b>22/200</b>	Title: <b>Housing, oil filter</b>



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Q1-Q5	Option	Option description
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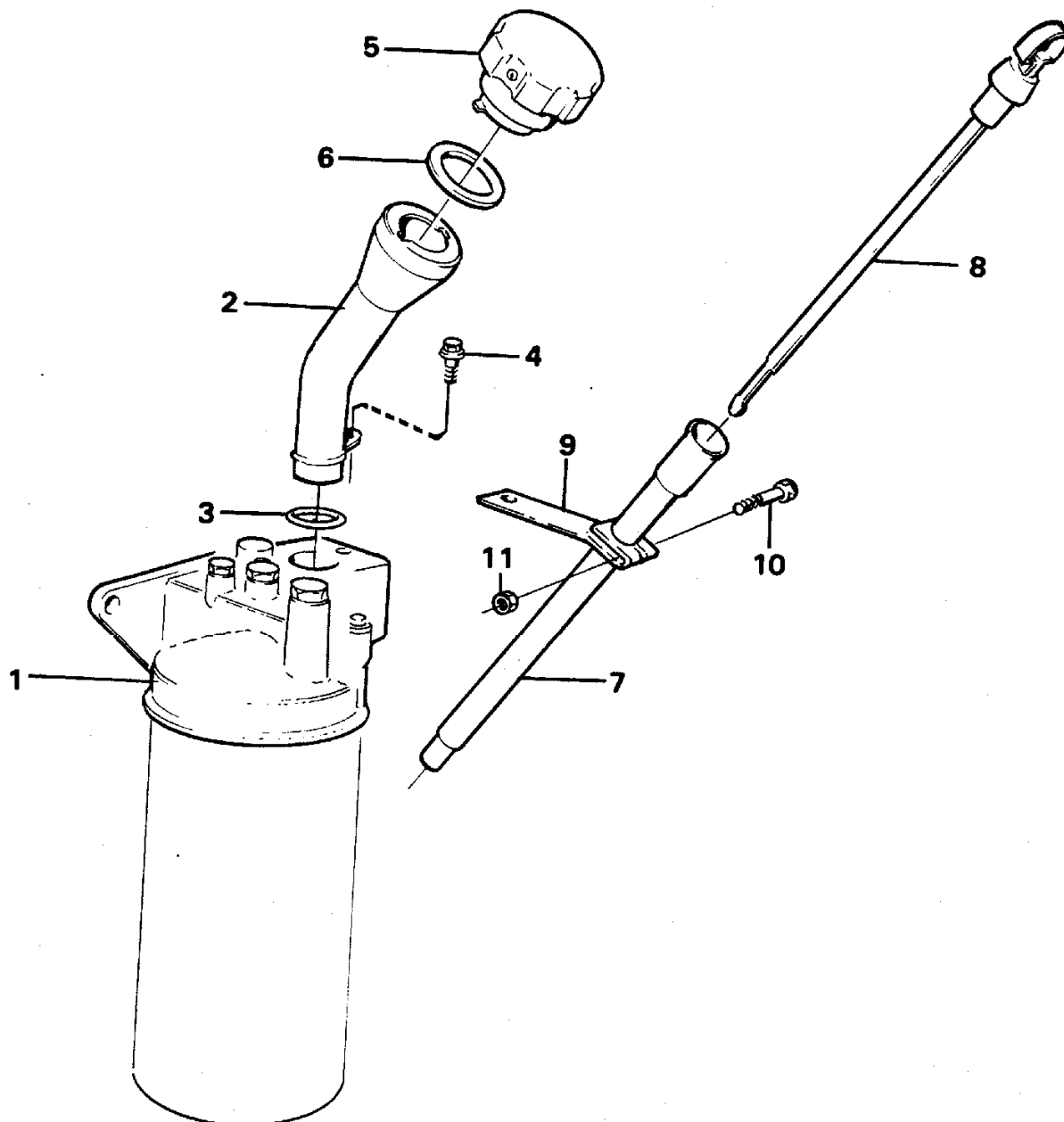
Q1 11030507			
Q2 11030601			

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
	VOE11030507	1							Housing		ENG - 44669
	VOE11030601		1						Housing		ENG 44670 -
1	VOE11030506	1					NS		•Housing		
	VOE11030600		1				NS		•Housing		
2	VOE4771600	1							••Nipple		
	VOE11030599		1						••Nipple		
3	VOE13948811	1	1						••Cap plug		
4	VOE471085	1	1						•Valve cone		
5	VOE466653	1	1						•Compression spring		
6	VOE13947627	1	1						•Plane gasket		(VOE947627)
7	VOE471598	1	1						•Plug		
8	VOE471706	1	1						•Reduction valve		
	VOE469332	1	1						••Compression spring		
9	VOE471646	1	1						•Piston cooling valve		
	VOE471775	1	1						••Compression spring		
10	VOE469846	2	2						•Sealing ring		
11	VOE471648	2	2						•Cover		
12	VOE949659	2	2						•O-ring		
13	VOE13955272	4	4						•Screw		(VOE955272)
14	VOE955892	4	4						•Washer		
15	VOE479979	1	1						•Plug		(VOE191026)
16	VOE11030503	1	1						Housing		
17	VOE951974	1	1						•Spring pin		
18	VOE11031514	1	1						Nipple		
19	VOE471855	1	1						Screw		
20	VOE471856	1	1						Sealing ring		

# VOLVO

## Construction Equipment

Date: <b>2014/2/25</b>	Image id: <b>18478</b>	Catalogue: <b>97320</b>	Model: <b>L120</b>
Brand: <b>Volvo BM</b>	Serial: <b>5000-9000, 50000-70000</b>	Group/Section: <b>22/250</b>	Title: <b>Oil filler and dipstick</b>



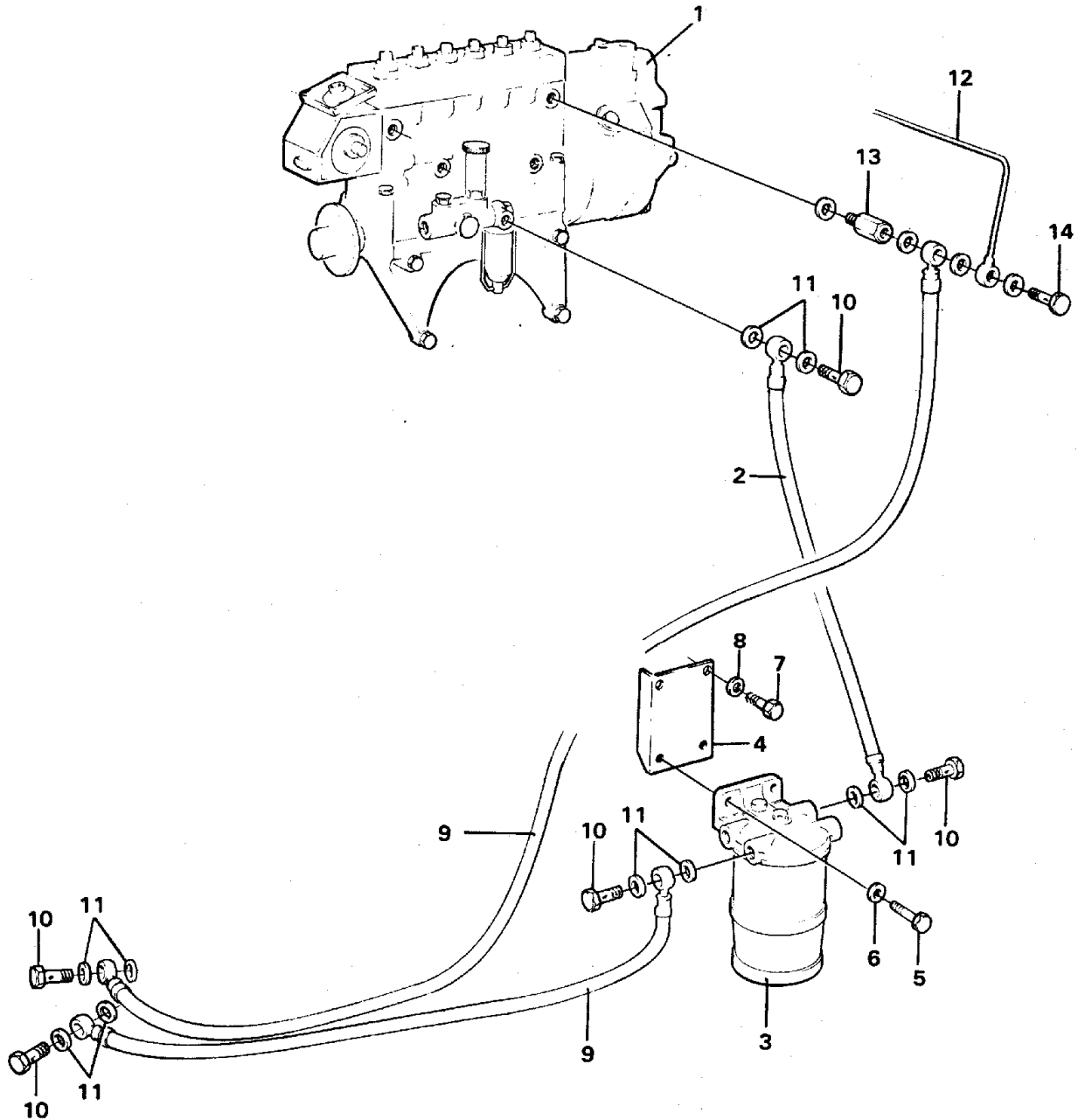
Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1		1							Filter Housing		See ref 22/200
2	VOE4772233	1							Oil Filler Pipe		

3	VOE421629	1							Sealing ring		
4	VOE946440	1							Flange screw		
5	VOE3547599	1					SS		Oil Filler Cap		
6	VOE1275379	1							Gasket		(VOE940096)
7	VOE4772103	1							Pipe		
8	VOE4772191	1							Dipstick		
9	VOE4772104	1							Clamp		
10	VOE13948356	1							Flange screw		(VOE948356)
11	VOE13945407	1							Nut		(VOE945407)

# VOLVO

## Construction Equipment

Date: <b>2014/2/25</b>	Image id: <b>18481</b>	Catalogue: <b>97320</b>	Model: <b>L120</b>
Brand: <b>Volvo BM</b>	Serial: <b>5000-9000, 50000-70000</b>	Group/Section: <b>23/50</b>	Title: <b>Fuel system</b>



Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
-----	------	----	----	----	----	----	----	-----	-------------	-----------	--------

1		1							Injection pump		See ref 23/300
2	VOE4804508	1							Fuel hose		
3	VOE4880463	1							Water separator		See ref 23/600
4	VOE4898403	1					NS		Attachment		SER NO - 6107 (USA) SER NO - 60405
											IRAN SER NO - 50362
	VOE11018423	1					NS		Attachment		SER NO 6108 - (USA) SER NO 60406 -
											IRAN SER NO 50363 -
5	VOE955297	2							Hexagon screw		
6	VOE13955894	2							Washer		
7	VOE13955294	2							Screw		(VOE955294)
8	VOE13955894	2							Washer		
9	VOE4804703	2							Fuel hose		
10	VOE7025167	5							Hollow screw		
11	VOE13947621	10							Plane gasket		(VOE947621)
12		1							Leak-off line		See ref 23/150
13		1							Overflow valve		See ref 23/150
14		1							Hollow screw		See ref 23/150



**Suggest:**

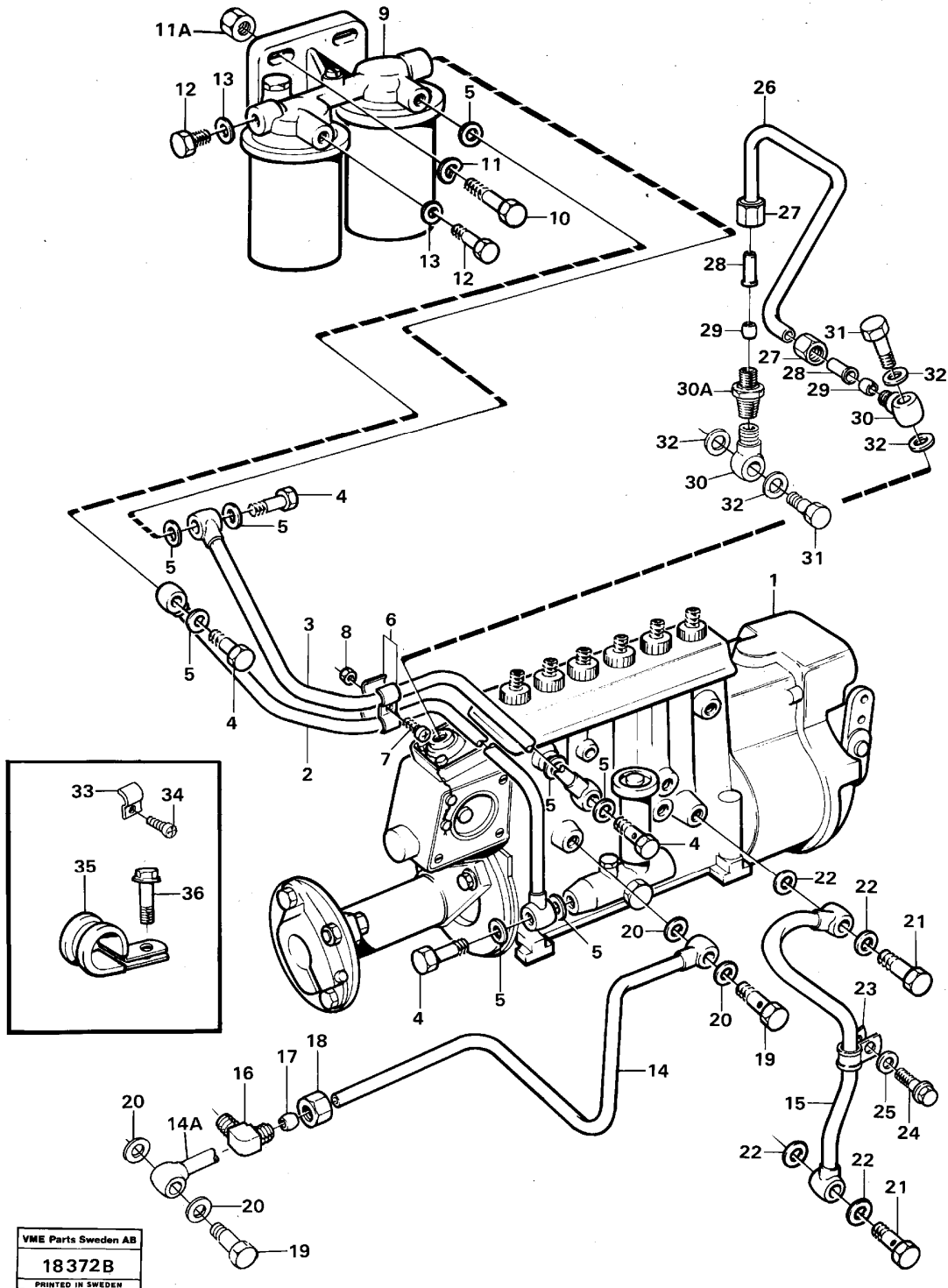
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**Thank you so much for reading**

Date: <b>2014/2/25</b>	Image id: <b>18372B</b>	Catalogue: <b>97320</b>	Model: <b>L120</b>
Brand: <b>Volvo BM</b>	Serial: <b>5000-9000, 50000-70000</b>	Group/Section: <b>23/100</b>	Title: <b>Fuel pipes, fuel injection pump - fuel filter</b>



Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
-----	------	----	----	----	----	----	----	-----	-------------	-----------	--------

1		1							Injection pump		See ref 23/300
2	VOE471484	1							Fuel pipe		STD
3	VOE471603	1							Fuel pipe		STD
4	VOE7025167	4							Hollow screw		
5	VOE13969011	8							Gasket		
6	VOE404279	4							Clamp		
7	VOE956095	2							Cross recessed screw		
8	VOE13955781	2							Nut		(VOE955781)
9		1							Fuel filter		See ref 23/250
10	VOE13965185	2							Screw		(EH965185)
11	VOE941908	2							Spring washer		
11A	VOE971071	2							Hexagon nut		(VOE955783)
12	VOE13968062	3							Plug		(968062)
13	VOE13969011	3							Gasket		
14	VOE471608	1							Pipe		ENG - 60206
14A	VOE477908	1					OP		Oil feed pipe		ENG 60207 - 64646
	VOE477986	1							Oil feed pipe		ENG 64647 -
15	VOE471609	1							Pipe		
16	VOE329638	1							Elbow nipple		ENG - 60206
17	VOE954364	1							Ferrule		ENG - 60206
18	VOE954356	1							Fitting nut		ENG - 60206
19	VOE7048634	1							Hollow screw		ENG - 60206
	VOE7048634	2							Hollow screw		ENG 60207 - 64646
	VOE968178	2							Hollow screw		ENG 64647 -
20	VOE13947281	2							Gasket		ENG - 60206
	VOE13947281	4							Gasket		ENG 60207 - 64646
	VOE13947281	2							Gasket		ENG 64647 -
	VOE13947282	2							Gasket		ENG 64647 -
21	VOE7025167	2							Hollow screw		
22	VOE13969011	4							Gasket		(VOE947621)
23	VOE942542	1							Clamp		
	VOE18387	1							Clamp		(VOE7018387)
24	VOE13944926	1							Screw		(VOE944926)
	VOE946471	1							Flange screw		
25	VOE190509	2							Washer		(VOE7190509)
26	VOE13945460	REQ							Plastic pipe		L = 650: STD
	VOE13945460	REQ							Plastic pipe		L = 760
										VOE91351	
27	VOE954356	2							Fitting nut		
28	VOE944717	2							Sleeve		
29	VOE954364	2							Ferrule		
30	VOE13945417	2							Banjo nipple		STD
	VOE13945417	1							Banjo nipple	VOE91351	
30A	VOE13954378	1							Nipple	VOE91351	
31	VOE968178	1							Hollow screw		STD
	VOE7048634	1							Hollow screw		STD

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