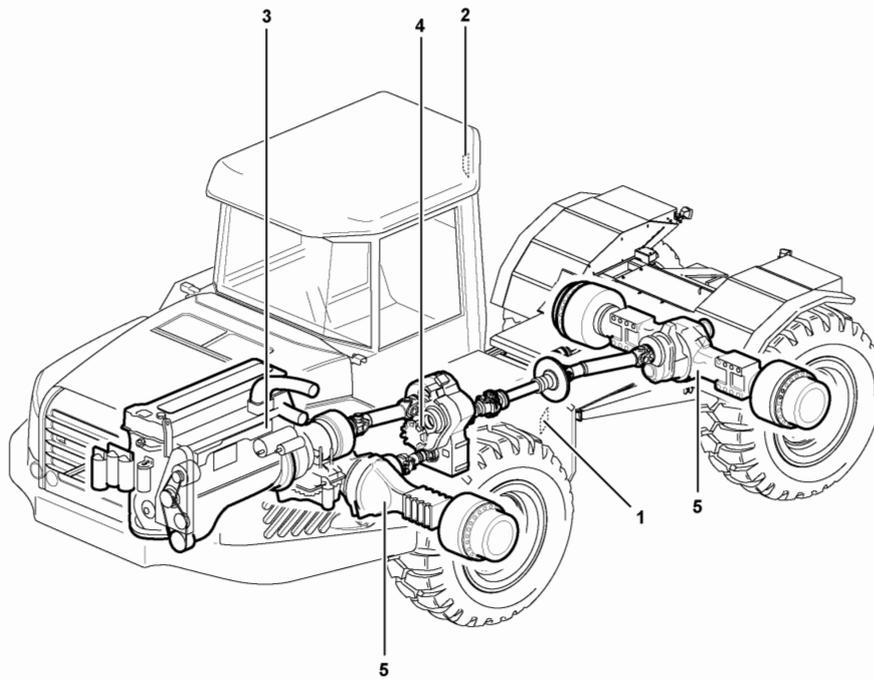


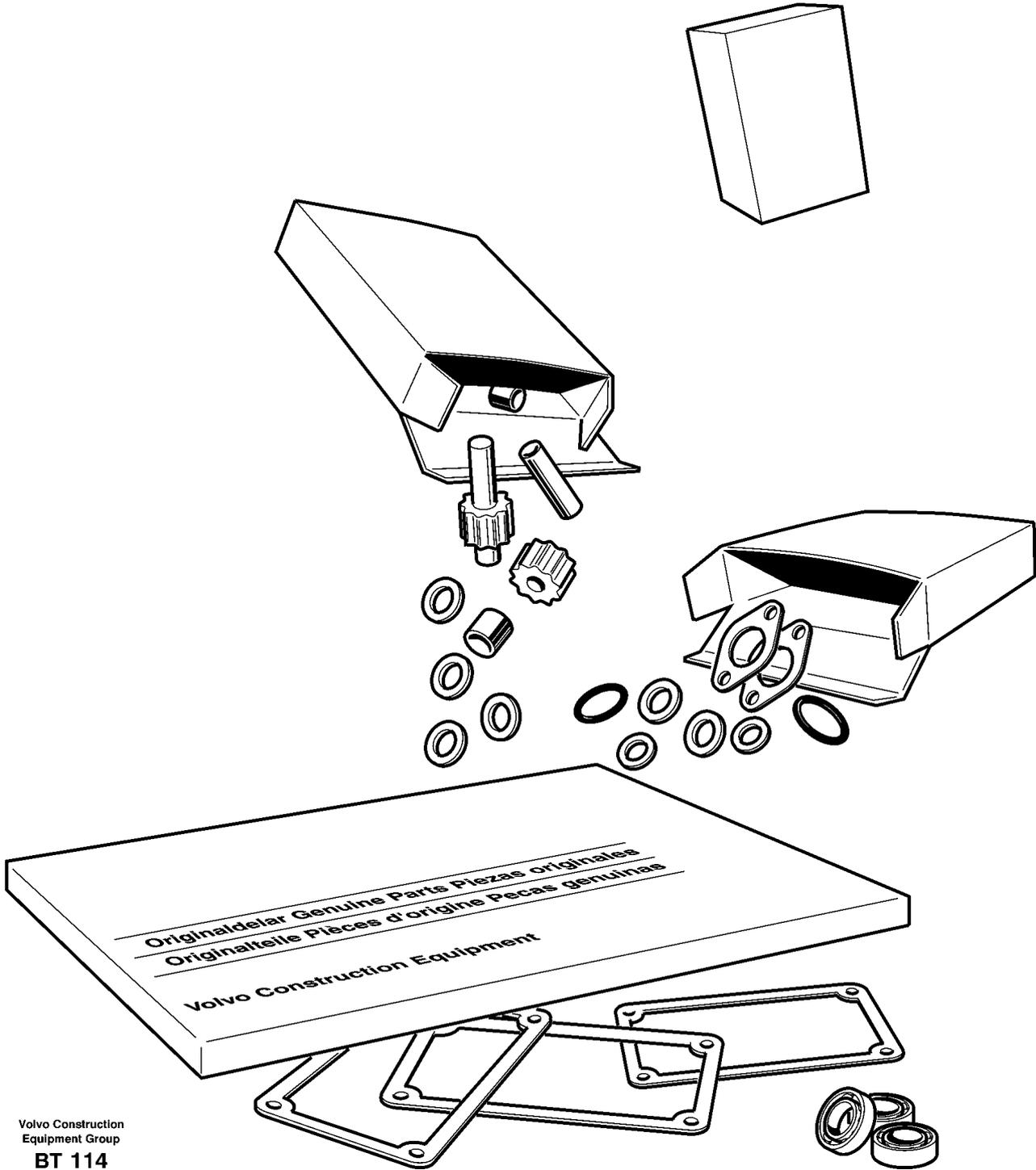
Date: 4/10/2025	Image id: 1025964	Catalogue: 20091	Model: T450D
Brand: Volvo	Serial: 17001-99999	Group/Section: 030/100	Title: Product identification plate



Volvo Construction
Equipment
1025964

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1									Product sign plate		
2									Driver's cab		
3									Engine sign plate		
4									Power Transmission		
5									Axle Number		

Date: 4/10/2025	Image id: BT114	Catalogue: 20091	Model: T450D
Brand: Volvo	Serial: 17001-99999	Group/Section: 210/100	Title: Repair kits for engine



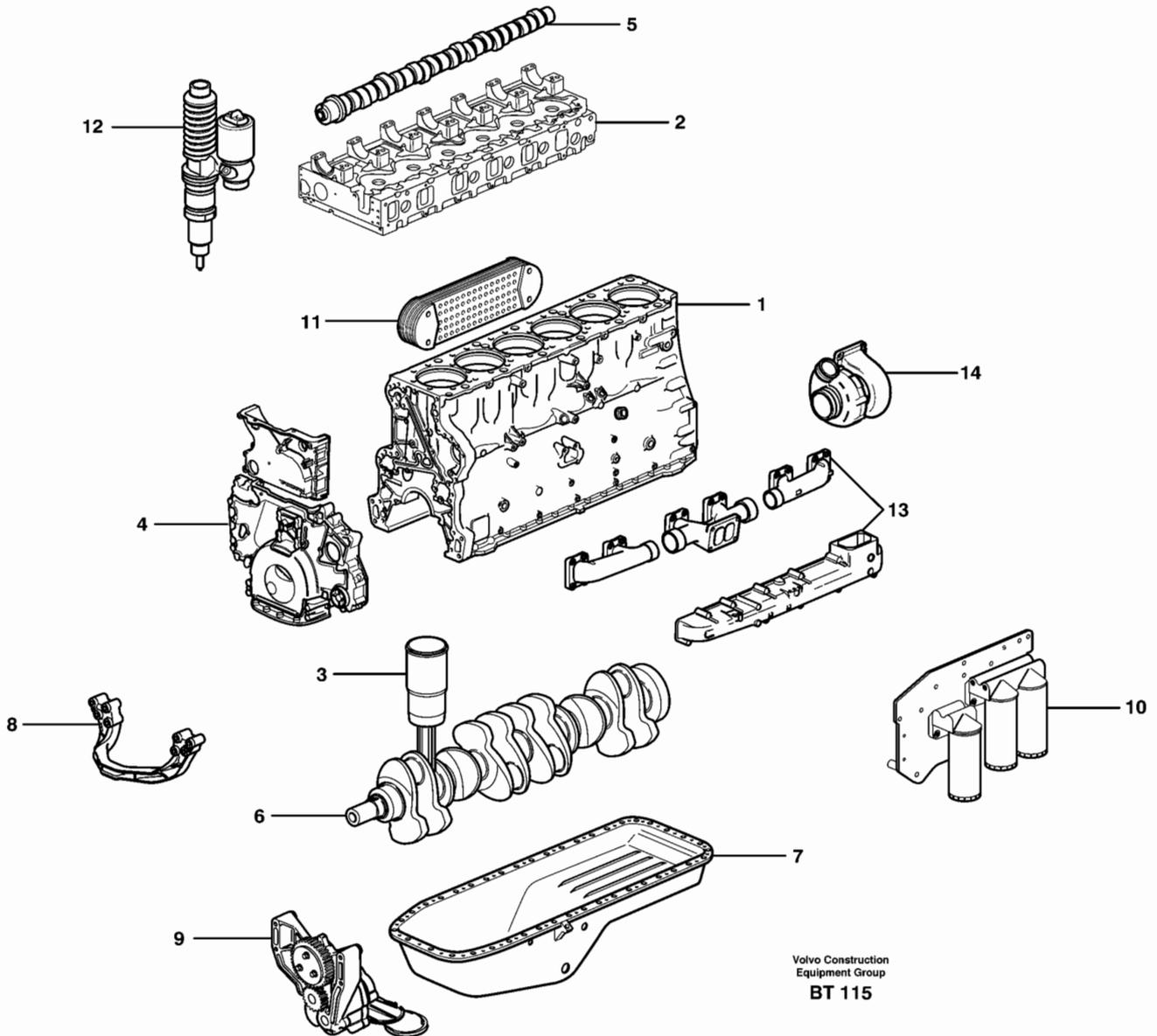
Volvo Construction
Equipment Group
BT 114

Section option	Kit	Option description
VOE8188763		Engine D12DABE3

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
Sample of manual. Download All 542 pages at: https://www.arepairmanual.com/downloads/volvo-t450d-articulated-haulers-part-manual/											

	VOE3099100	1							Gasket kit		See ref 211/100
									•Cylinder head		
	VOE20820358	6					SS		Cylinder		See ref 213/100
	VOE270950	6							Sealing kit		See ref 213/100
	VOE20820363	6							Piston ring kit		See ref 213/100
		6							Big end brg kit		See ref 216/100
		7							Mn bearing kit		See ref 216/100
		7							Thrust washer kit		See ref 216/100
	VOE20503200	1							Bearing shell kit		FORW See ref 215/150
									•Camshaft		
	VOE276630	6							Bearing shell kit		See ref 215/150
									•Camshaft		
	VOE276940	6							Repair kit		See ref 237/100
									•Injector		
	VOE276935	6							Sealing ring kit		(VOE276948) See ref 237/100
									•Injector		

Date: 4/10/2025	Image id: BT115	Catalogue: 20091	Model: T450D
Brand: Volvo	Serial: 17001-99999	Group/Section: 210/150	Title: Engine

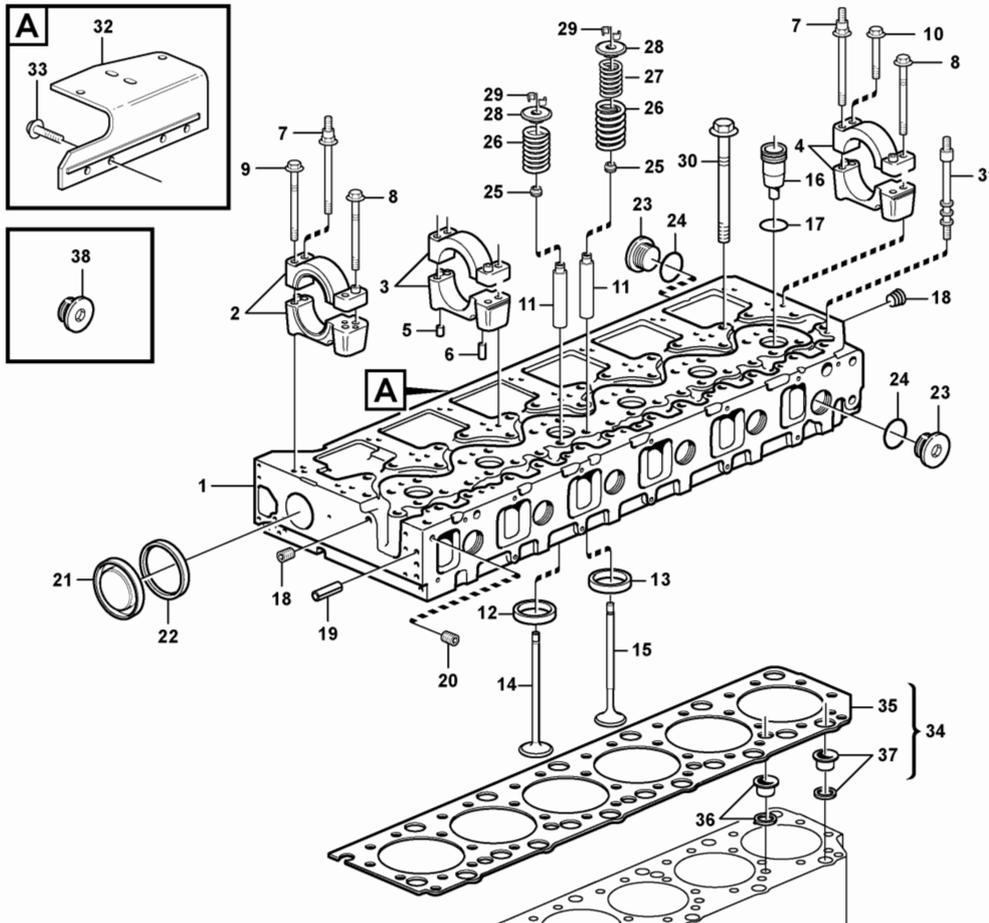


Section option	Kit	Option description
VOE8188763		Engine D12DABE3

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
	VOE8188763	1					CS		Engine	VOE81235	REMAN VOE9008188763
1		1							•Cylinder block		See ref 212/100
2		1							•Cylinder head		See ref 211/100
3		6							•Cylinder liner,piston		See ref 213/100
4		1							•Timing gear casing		See ref 215/100

5		1							•Camshaft		See ref 215/150
6		1							•Crankshaft		See ref 216/100
7		1							•Oil sump		See ref 217/100
8		1							•Engine mounting		See ref 218/100
9		1							•Lubricating system		See ref 221/100
10		1							•Oil filter		See ref 222/100
11		1							•Oil cooler		See ref 223/100
12		1							•Injector		See ref 237/100
13		1							•Inlet, exhaust syst.		See ref 251/100
14		1							•Turbocharger		See ref 255/100

Date: 4/10/2025	Image id: 1034617	Catalogue: 20091	Model: T450D
Brand: Volvo	Serial: 17001-99999	Group/Section: 211/100	Title: Cylinder head



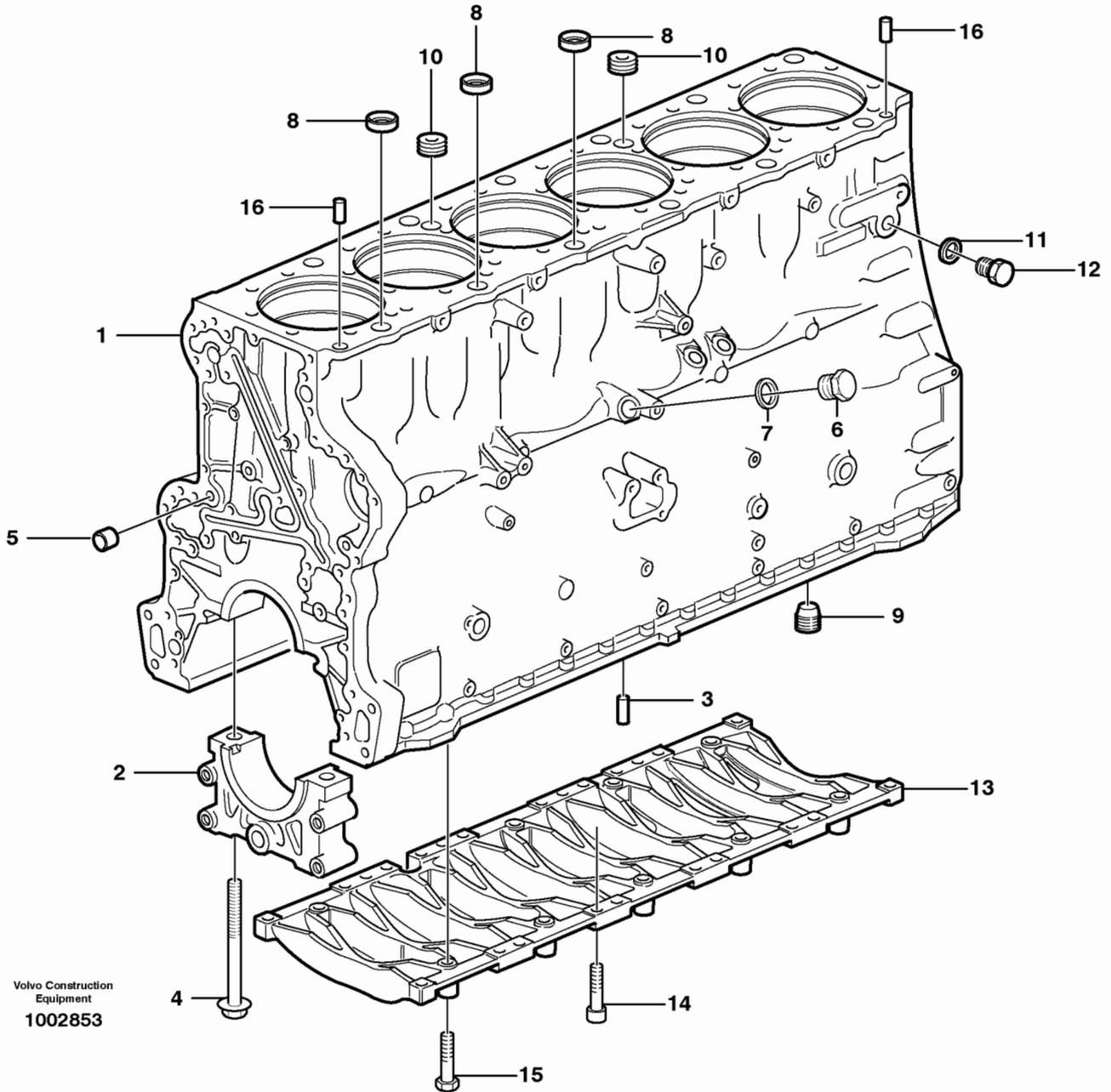
Volvo Construction
Equipment
1034617

Section option	Kit	Option description
VOE8188763		Engine D12DABE3

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE20560799	1					SS		Cylinder head		REMAN VOE9020560799, VOE9021086450
	VOE3165309	1							•Bearing housing		KIT
2	VOE3165130	1							••Bearing housing		
3	VOE8170153	5					CS		••Bearing Housing		
4	VOE8170153	1					CS		••Bearing Housing		
5	VOE950542	7							••Pin		
6	VOE950562	14							••Pin		
	VOE1546484	14							••Sleeve		
	VOE1677189	7							••Pin		
7	VOE21344812	7							•Stud		(VOE8170626)
8	VOE1547889	14					SS		•Screw		
9	VOE21344752	1							•Flange screw		(VOE1547888)

10	VOE1677283	6							•Screw		
11	VOE20817648	24							•Valve guide		(VOE20460636)
12	VOE20459329	12							•Valve seat		INLET
13	VOE20412798	12							•Valve seat		EXHAUST
14	VOE20459326	12							Inlet valve		
15	VOE20441486	12							Exhaust Valve		
16	VOE3183368	6							•Sleeve		
17	VOE20536487	6							•O-ring		
18	VOE13968062	2							•Plug		
19	VOE422426	1							•Pin		
20		1					NS		•Plug		
21	VOE8170553	1							•Cap plug		
22	VOE1544710	1							•Sealing ring		
23	VOE3155171	2							•Plug		
24	VOE949659	2							••O-ring		
25	VOE21501189	24							•Valve stem seal		(VOE859171)
26	VOE22691232	24							•Valve spring		(VOE3183210)
27	VOE3183211	12							•Valve spring		
28	VOE1546487	24							•Valve spring washer		
29	VOE1677875	48							•Valve sleeve		
30	VOE21345131	38							Flange screw		(VOE1547419)
31	VOE21344784	9							Stud		(VOE8148863)
32	VOE11030431	1					CS		Bracket		
33	VOE60113093	4							Flange screw		(VOE946329)
34	VOE3099100	1							Gasket kit		
35	VOE20412953	1					SS		•Gasket		
36		18					NS		•Sealing ring		
37		4					NS		•Sealing ring		
38	VOE990830	2							Plug		

Date: 4/10/2025	Image id: 1002853	Catalogue: 20091	Model: T450D
Brand: Volvo	Serial: 17001-99999	Group/Section: 212/100	Title: Cylinder block

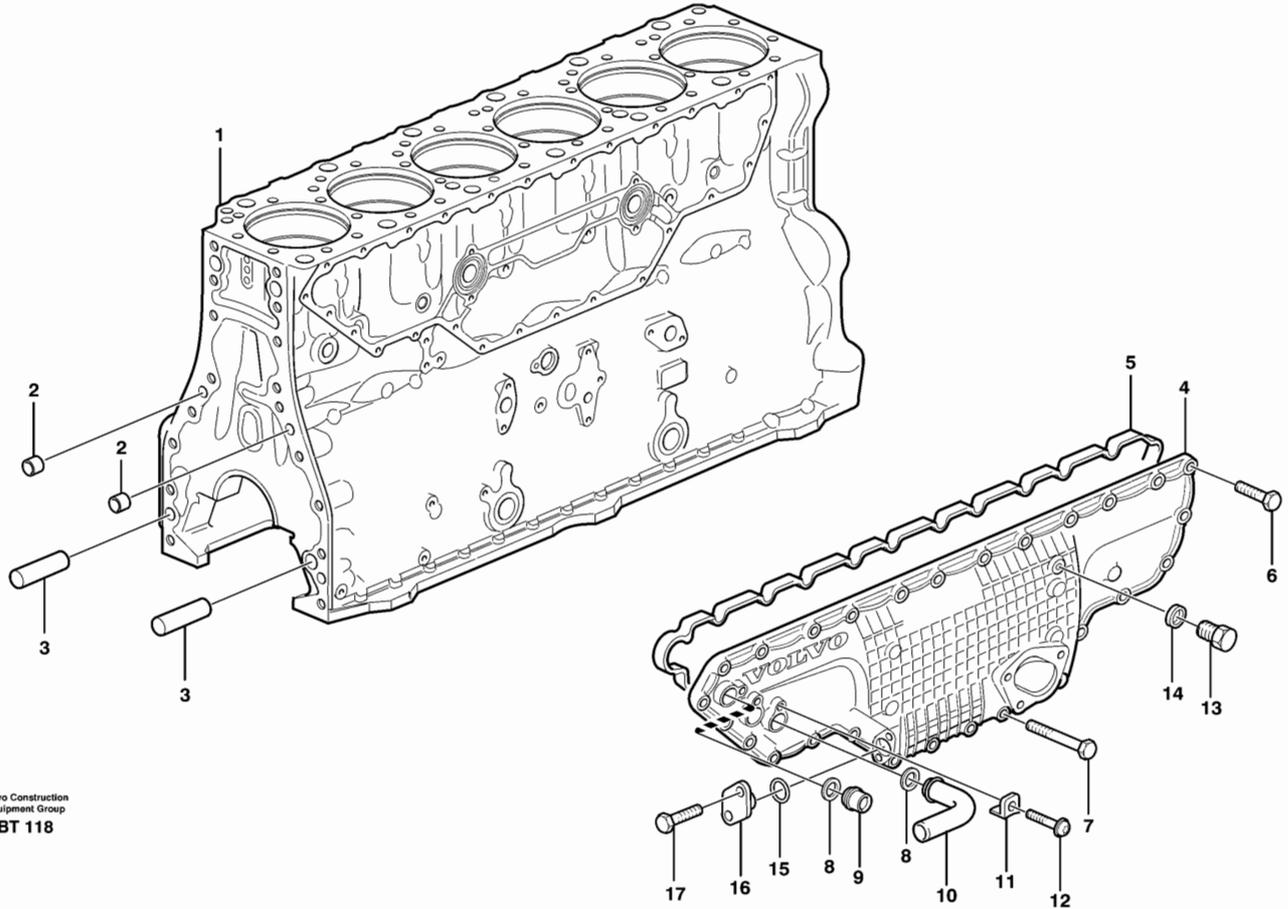


Section option	Kit	Option description
VOE8188763		Engine D12DABE3

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE8130120	1					SS		Cylinder block		
2		7					NS		•Cap		
3	VOE422426	1							•Pin		
4	VOE23836339	14							•Flange screw		(VOE1547040)

5	VOE981735	1						Cap plug		
6	VOE960631	2						Plug		
7	VOE7011996	2						Gasket		
8	VOE1546624	3						Restricting washer		
9	VOE8170666	1						Plug		
10		2					NS	Plug		
11	VOE13947627	1						Plane gasket		
12	VOE13960634	1						Plug		
13	VOE3183414	1						Frame		
14	VOE973523	20						Hex. socket screw		
15	VOE60113100	6						Flange screw		(VOE13965187)
16	VOE8170389	2						Guide sleeve		

Date: 4/10/2025	Image id: BT118	Catalogue: 20091	Model: T450D
Brand: Volvo	Serial: 17001-99999	Group/Section: 212/150	Title: Cylinder block



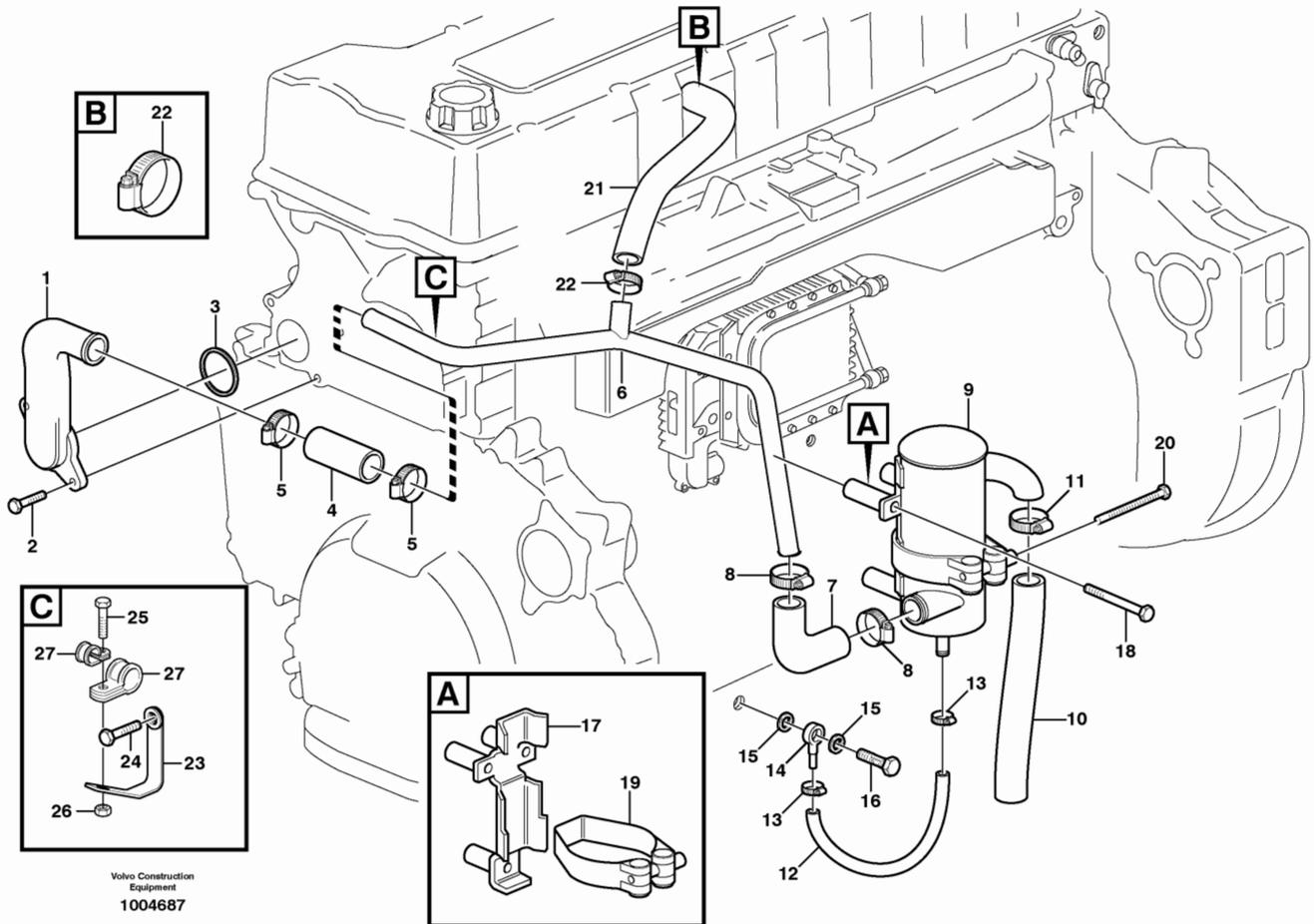
Volvo Construction
Equipment Group
BT 118

Section option	Kit	Option description
VOE8188763		Engine D12DABE3

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1		1							Cylinder Block		See ref 212/100
2	VOE981735	2							Cap plug		
3	VOE8170389	2							Guide sleeve		
4	VOE20538056	1					SS		Casing		
5	VOE20712545	1							Gasket		
6	VOE60113081	22							Flange screw		(VOE13945444)
7	VOE60113088	5							Flange screw		(VOE13965180)
8	VOE1547252	2							Sealing ring		
9	VOE1546528	1							Plug		
10	VOE11063843	1							Pipe		
11	VOE1546532	2							Lock		
12	VOE60113463	2							Six Point Socket Screw		(VOE13972542)
13	VOE960631	1							Plug		

14	VOE7011996	1							Gasket		
15	VOE975664	1							O-ring		
16	VOE471752	1							Cover		
17	VOE60113069	2							Flange screw		(VOE13946544)

Date: 4/10/2025	Image id: 1004687	Catalogue: 20091	Model: T450D
Brand: Volvo	Serial: 17001-99999	Group/Section: 212/200	Title: Crankcase ventilation

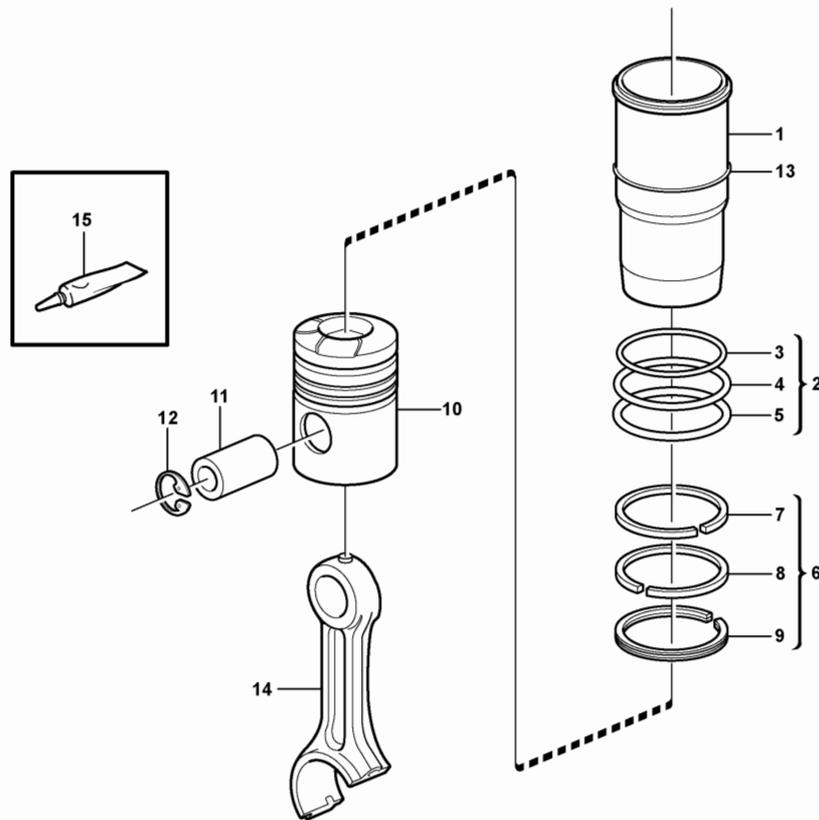


Section option	Kit	Option description
VOE8188763		Engine D12DABE3

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE11127358	1							Flange pipe		
2	VOE60113081	2							Flange screw		(VOE13945444)
3	VOE3165097	3							Sealing ring		
4	VOE11128750	1							Hose		L = 100 MM
5	VOE943476	2							Hose clamp		
6	VOE11423117	1					CS		Tube		
7	VOE11128756	1							Hose		
8	VOE943476	2							Hose clamp		
9	VOE11033878	1							Oil trap		
10	VOE941799	REQ							Hose		L = 550 MM
11	VOE60112443	1							Hose clamp		(VOE11059294)
12	VOE983342	REQ							Hose		L = 520 MM
13	VOE943471	2							Hose clamp		

14	VOE11423224	1							Tube		
15	VOE976929	2							Gasket		
16	VOE60113509	1							Hollow screw		(VOE7025167)
17	VOE11423146	1							Attachment		
18	VOE984758	3							Flange screw		(VOE13965188)
19	VOE1545256	1							Tensioning band		(VOE420914)
20	VOE1545257	1							Screw		
21	VOE11128752	1							Hose		
22	VOE943476	2							Hose clamp		
23	VOE11127553	1					CS		Bracket		
24	VOE60113261	1							Flange screw		(VOE969313)
25	VOE60113070	1							Flange screw		(VOE13946934)
26	VOE60113139	1							Flange nut		(VOE13945407)
27	VOE952638	1							Clamp		

Date: 4/10/2025	Image id: 1035153	Catalogue: 20091	Model: T450D
Brand: Volvo	Serial: 17001-99999	Group/Section: 213/100	Title: Cylinder liner and piston



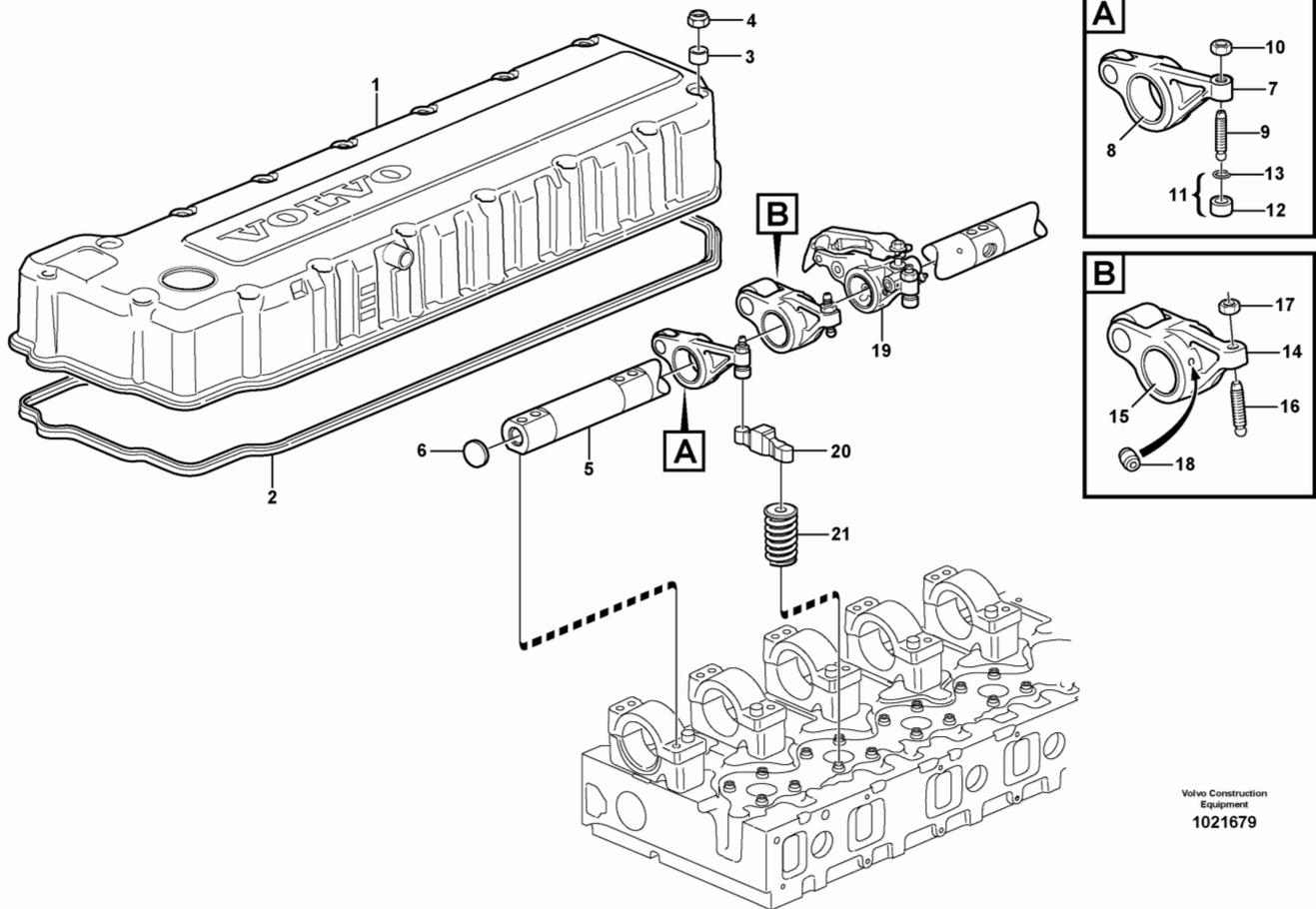
Volvo Construction
Equipment
1035153

Section option	Kit	Option description
VOE8188763		Engine D12DABE3

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
	VOE20820358	6					SS		Cylinder		
1		6					NS		•Cylinder liner		
2	VOE270950	6							•Sealing kit		
3	VOE470922	6					CS		••Sealing ring		UPPER
4	VOE470190	12					CS		••Sealing ring		
5		6					NS		••Sealing ring		LOW
6	VOE20820363	6							•Piston ring kit		
7		6					NS		••Compression ring		UPPER
8		6					NS		••Compression ring		LOW
9	VOE3184885	6					CS		••Oil scraper ring		
10		6					NS		•Piston		
11	VOE3155115	6							••Gudgeon pin		
12	VOE914530	12							••Retaining ring		

13	VOE1677591	REQ							Shim		THICK = 0,2 MM
13	VOE1677592	REQ							Shim		THICK = 0,3 MM
13	VOE1677593	REQ							Shim		THICK = 0,5 MM
14		6							Connecting rod		See ref 216/100
15	VOE1161277	1							Sealant		20 GRAM

Date: 4/10/2025	Image id: 1021679	Catalogue: 20091	Model: T450D
Brand: Volvo	Serial: 17001-99999	Group/Section: 214/100	Title: Valve mechanism

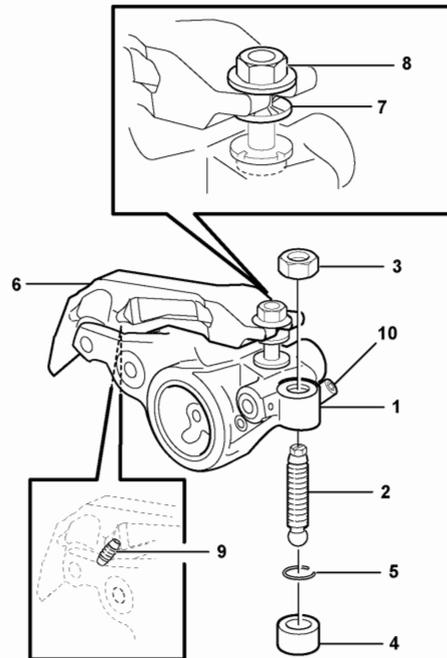


Section option	Kit	Option description
VOE8188763		Engine D12DABE3

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE20545676	1							Valve Cover		
2	VOE21123014	1							Sealing strip		(VOE21070576)
3	VOE3964604	16							Bushing		
4	VOE8148488	16							Lock nut		
5	VOE8170158	1					SS		Rocker arm shaft		
6	VOE980176	2							•Expansion plug		
7	VOE21024794	6							Rocker arm		(VOE20738717)INLET
8	VOE17262561	6							•Bushing		(VOE1546681)
9	VOE1546458	6							•Ball stud		
10	VOE60111964	6							•Hexagon nut		(VOE13946911)
11	VOE20441753	6							•Ball socket		
12	VOE20441755	6					CS		••Ball socket		
13	VOE944364	6							••O-ring		

14	VOE21089229	6							Rocker arm		(VOE20738748) INJECTOR
15	VOE3155127	6					SS		•Bushing		
16	VOE1546775	6							•Ball stud		
17	VOE1677396	6							•Hexagon nut		
18	VOE3964817	12							•Jet		
19		6							Rocker Arm		See ref 214/150
20	VOE3183207	12							Valve cap		
21		24							Valve spring		See ref 211/100

Date: 4/10/2025	Image id: 1018621	Catalogue: 20091	Model: T450D
Brand: Volvo	Serial: 17001-99999	Group/Section: 214/150	Title: Rocker arm

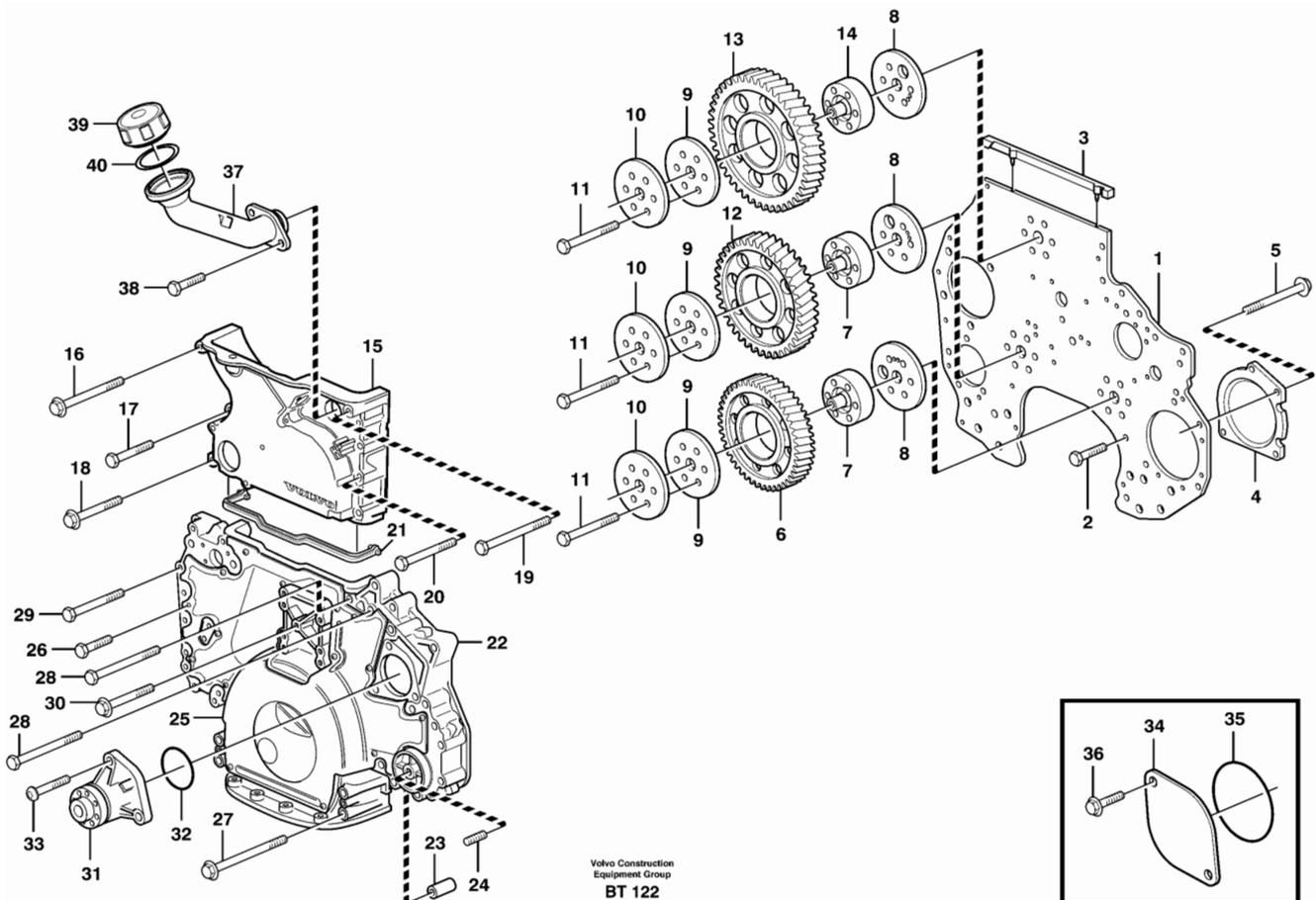


Volvo Construction
Equipment
1018621

Section option	Kit	Option description
VOE8188763		Engine D12DABE3

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE20941606	1					SS		Rocker arm		EXHAUST
2	VOE1546458	1							•Ball stud		
3	VOE60111964	1							•Hexagon nut		(VOE13946911)
4	VOE20441753	1							•Ball socket		
5	VOE944364	1							••O-ring		
6	VOE20525325	1					SS		•Rocker arm		
7	VOE20524954	1					CS		•Sleeve		
8	VOE20524958	1							•Nut		
9	VOE3964817	1							•Jet		
10	VOE20916960	1							•Nipple		

Date: 4/10/2025	Image id: BT122	Catalogue: 20091	Model: T450D
Brand: Volvo	Serial: 17001-99999	Group/Section: 215/100	Title: Timing gear casing and gears

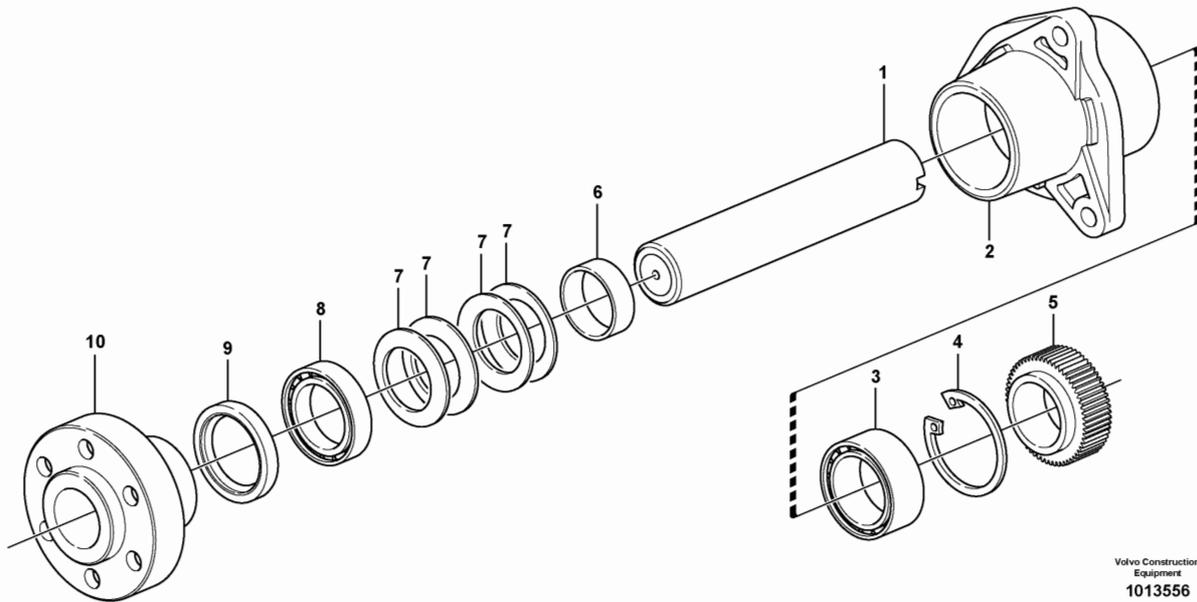


Section option	Kit	Option description
VOE8188763		Engine D12DABE3

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE8170561	1					SS		Xmsn Plate		
2	VOE946470	17							Flange screw		
3	VOE20489341	1							Gasket		
4	VOE3828662	1							Cover		
5	VOE60113118	4							Flange screw		(VOE946473)
6	VOE8170193	1							Idler gear		
7	VOE8170219	2							Hub		
8	VOE8170220	3							Thrust washer		
9	VOE3184865	3							Thrust washer		
10	VOE3184868	3							Bearing shield		
11	VOE21344754	18							Flange screw		(VOE1547886)
12	VOE8170195	1							Idler gear		
13	VOE8170197	1							Idler gear		

14	VOE8170199	1							Hub		
15	VOE20713791	1							Timing gear cover		
	VOE3830184	1							Seal		
16	VOE968553	1							Flange screw		
17	VOE60113091	3							Flange screw		(VOE13965182)
18	VOE60113248	1							Flange screw		(VOE13965183)
19	VOE60113105	1							Flange screw		(VOE13965190)
20	VOE994396	1							Flange screw		(VOE13965223)
21	VOE20714247	1							Sealing strip		
		1					NS		Timing gear cover		
22	VOE3165064	1							•Timing gear cover		
23	VOE1547940	2							••Pin		
24	VOE956022	1							••Thread insert		
25	VOE8170235	1							•Noise shield		
26	VOE60113463	16							•Six Point Socket Screw		(VOE13972542)
27	VOE973096	1							Flange screw		
28	VOE60113103	2							Flange screw		(VOE13947790)
29	VOE955302	11							Hexagon screw		
30	VOE60113248	1							Flange screw		(VOE13965183)
31		1							Driving Device		See ref 215/125
32	VOE967344	1							O-ring		
33	VOE969542	1							Six point socket screw		
34	VOE3828400	1							Cover		
35	VOE13925095	1							O-ring		
36	VOE946441	2							Flange screw		
37	VOE11030474	1					SS		Oil filler pipe		E PROD USE WITH E PROD CAP
37	VOE15000482	1							Oil filler pipe		L PROD USE WITH L PROD CAP
38	VOE60113080	2							Flange screw		(VOE13946173)
39	VOE11423437	1							Oil filler cap		(VOE1275403)E PROD USE WITH E PROD PIPE
39	VOE20807510	1							Oil filler cap		L PROD USE WITH L PROD PIPE
40		1					NS		•Gasket		

Date: 4/10/2025	Image id: 1013556	Catalogue: 20091	Model: T450D
Brand: Volvo	Serial: 17001-99999	Group/Section: 215/125	Title: Driving device

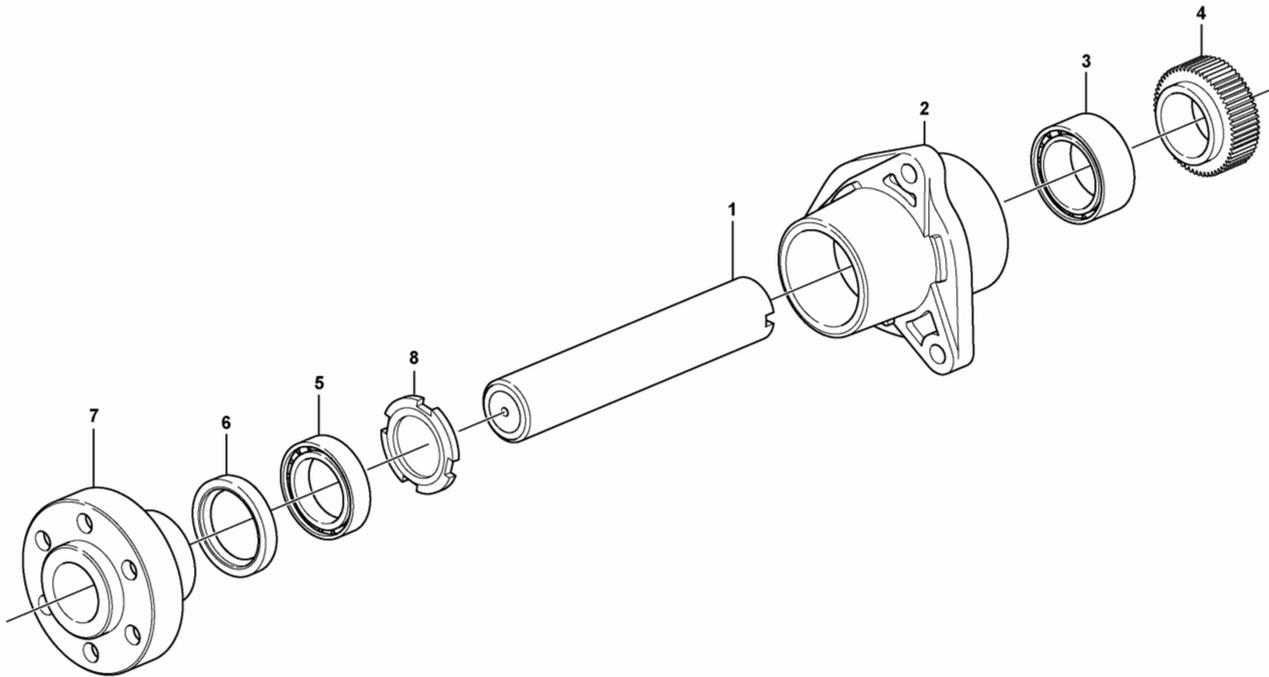


Volvo Construction
Equipment
1013556

Section option	Kit	Option description
VOE8188763		Engine D12DABE3

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
	VOE8193986	1					SS		Driving device		
1		1					NS		•Axle		
2	VOE8170667	1					CS		•Bearing housing		
3	VOE471499	1							•Ball bearing		
4	VOE914532	1							•Retaining ring		
5	VOE8170240	1					CS		•Gear		
6	VOE8193994	1							•Spacer sleeve		
7	VOE1677558	4							•Disc spring		
8	VOE7011013	1							•Bearing		
9	VOE1546480	1							•Sealing ring		
10	VOE1547846	1					CS		•Hub		

Date: 4/10/2025	Image id: 1100085	Catalogue: 20091	Model: T450D
Brand: Volvo	Serial: 17001-99999	Group/Section: 215/130	Title: Driving device REPLACEMENT VERSION

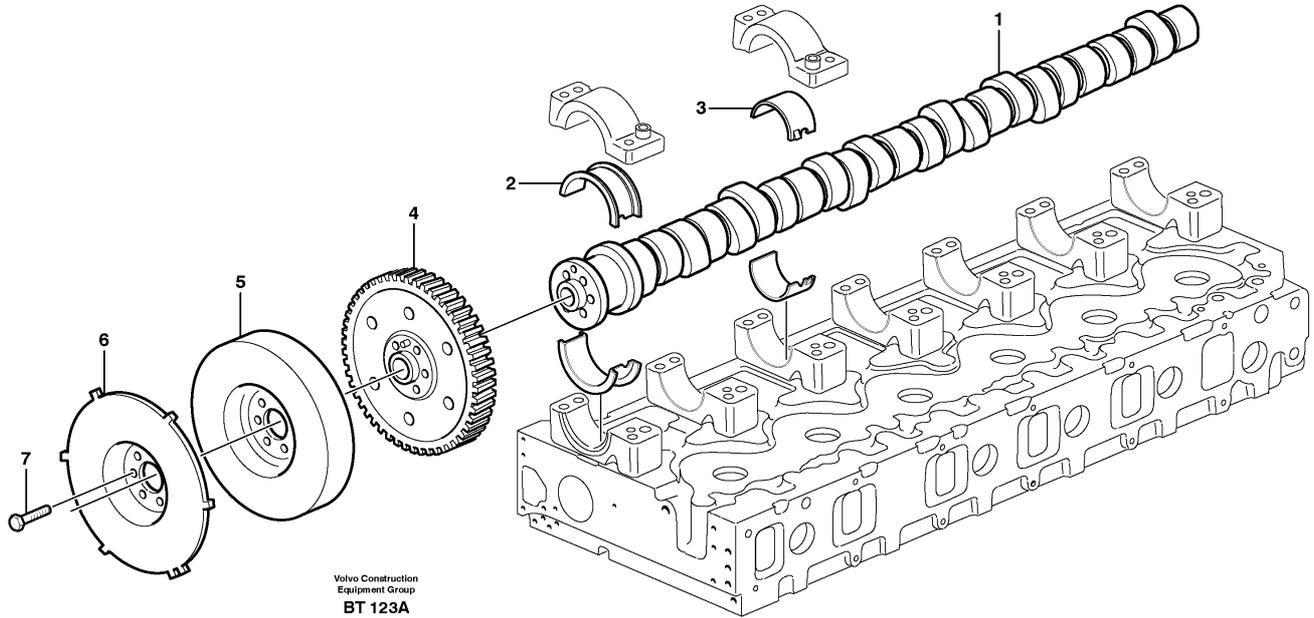


Volvo Construction
Equipment
1100085

Section option	Kit	Option description
VOE8188763		Engine D12DABE3

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
	VOE20838388	1							Driving device		
1		1					NS		•Shaft		
2		1					NS		•Bearing housing		
3	VOE3979190	1							•Roller bearing		
4		1					NS		•Gear		
5	VOE425784	1							•Roller bearing		
6	VOE20739812	1							•Sealing ring		
7		1					NS		•Hub		
8	VOE906634	1							•Round nut		

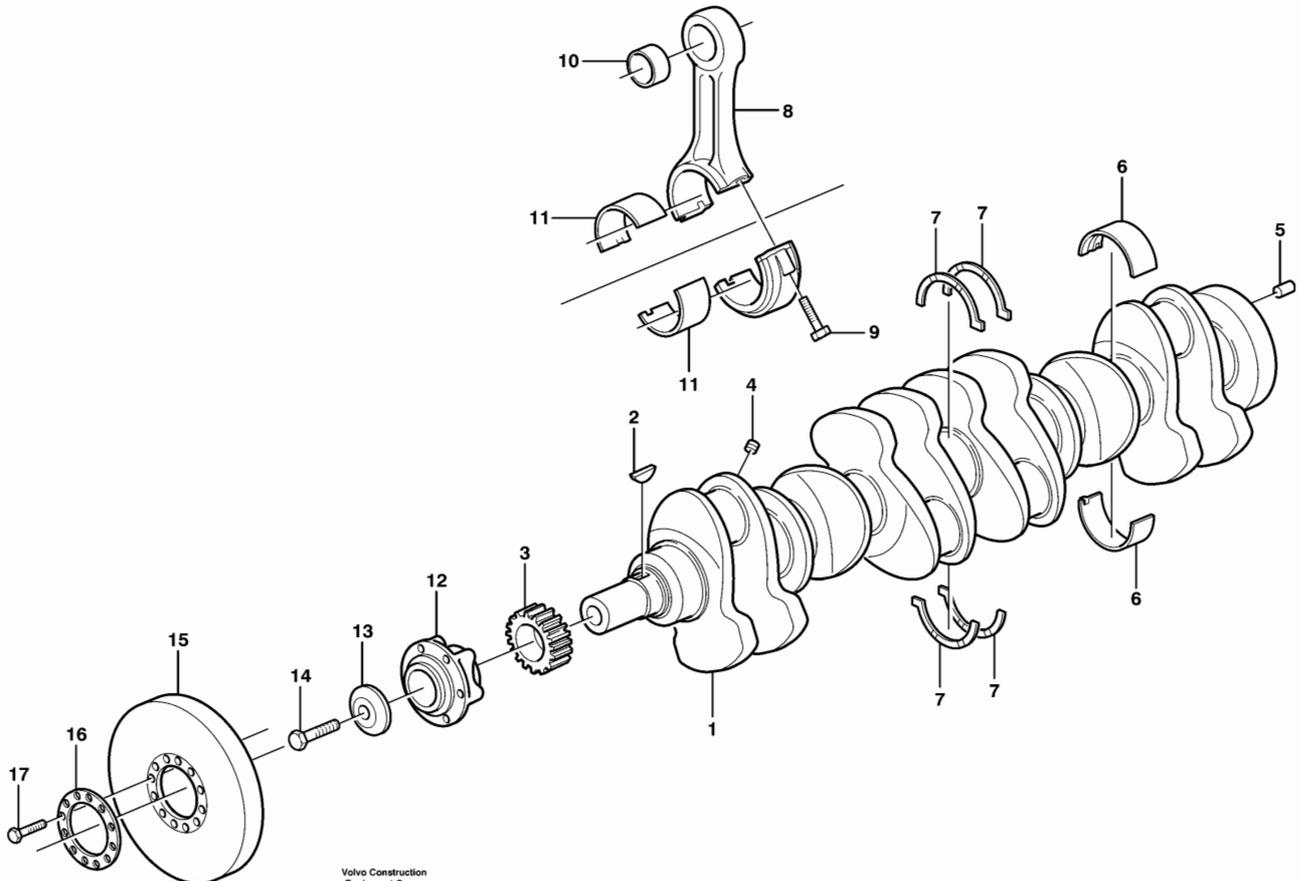
Date: 4/10/2025	Image id: BT123A	Catalogue: 20091	Model: T450D
Brand: Volvo	Serial: 17001-99999	Group/Section: 215/150	Title: Camshaft



Section option	Kit	Option description
VOE8188763		Engine D12DABE3

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE20576909	1							Camshaft		
2	VOE20503200	1							Bearing shell kit		
3	VOE276630	1							Bearing shell kit		
4	VOE20450344	1							Gear		
	VOE20440991	1							Spacer		
5	VOE8170954	1							Vibration damper		
6	VOE3155166	1							Tooth Wheel		
7	VOE21344765	6							Flange screw		(VOE20441079)

Date: 4/10/2025	Image id: BT124	Catalogue: 20091	Model: T450D
Brand: Volvo	Serial: 17001-99999	Group/Section: 216/100	Title: Crankshaft and related parts



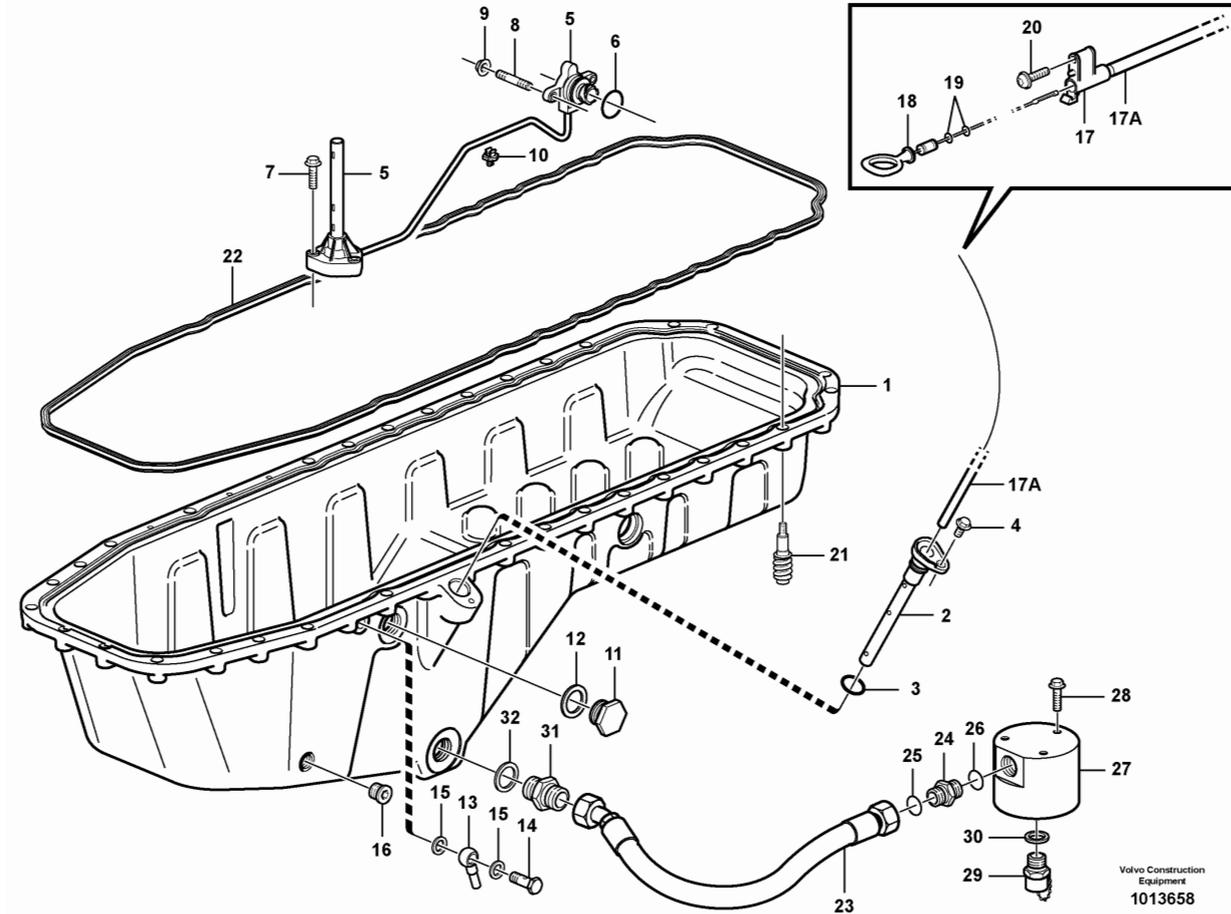
Volvo Construction
Equipment Group
BT 124

Section option	Kit	Option description
VOE8188763		Engine D12DABE3

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE20411189	1							Crankshaft		(VOE20533089), REMAN VOE9020411189, VOE9020533089
2	VOE422253	1							•Key		
3	VOE8170192	1							Gear		
4		6					NS		•Plug		
5	VOE950644	1							•Pin		
6	VOE23070440	7							Main bearing kit		(VOE20530916)STD
	VOE20578624	7							Main bearing kit		0,25 MM U SZ
	VOE20578625	7							Main bearing kit		0,50 MM U SZ
	VOE20578626	7					CS		Main bearing kit		0,75 MM U SZ
	VOE20578627	7							Main bearing kit		1,00 MM U SZ
	VOE20578628	7					CS		Main bearing kit		1,25 MM U SZ

7	VOE24124156	1							Thrust washer kit		(VOE3093651)
	VOE3093652	1							Thrust washer kit		0.1 O SZ
	VOE3093653	1							Thrust washer kit		0.2 O SZ
8	VOE20412200	6							Connecting rod		
9	VOE1543035	12							•Screw		
10	VOE20381185	6							•Bushing		
11	VOE276134	6							Big End Brg Kit		STD
	VOE276135	6							Big End Brg Kit		0,25 MM U SZ
	VOE276136	6							Big End Brg Kit		0,50 MM U SZ
	VOE276137	6							Big End Brg Kit		0,75 MM U SZ
	VOE276334	6							Big End Brg Kit		1,00 MM U SZ
	VOE276349	6					CS		Big End Brg Kit		1,25 MM U SZ
12	VOE11707317	1							Hub		
13	VOE422124	1							Washer		
14	VOE1543316	1							Screw		
15	VOE8193930	1							Vibration damper		
16	VOE8193962	1							Washer		
17	VOE997437	12							Hexagon screw		(VOE13970950)

Date: 4/10/2025	Image id: 1013658	Catalogue: 20091	Model: T450D
Brand: Volvo	Serial: 17001-99999	Group/Section: 217/100	Title: Oil sump



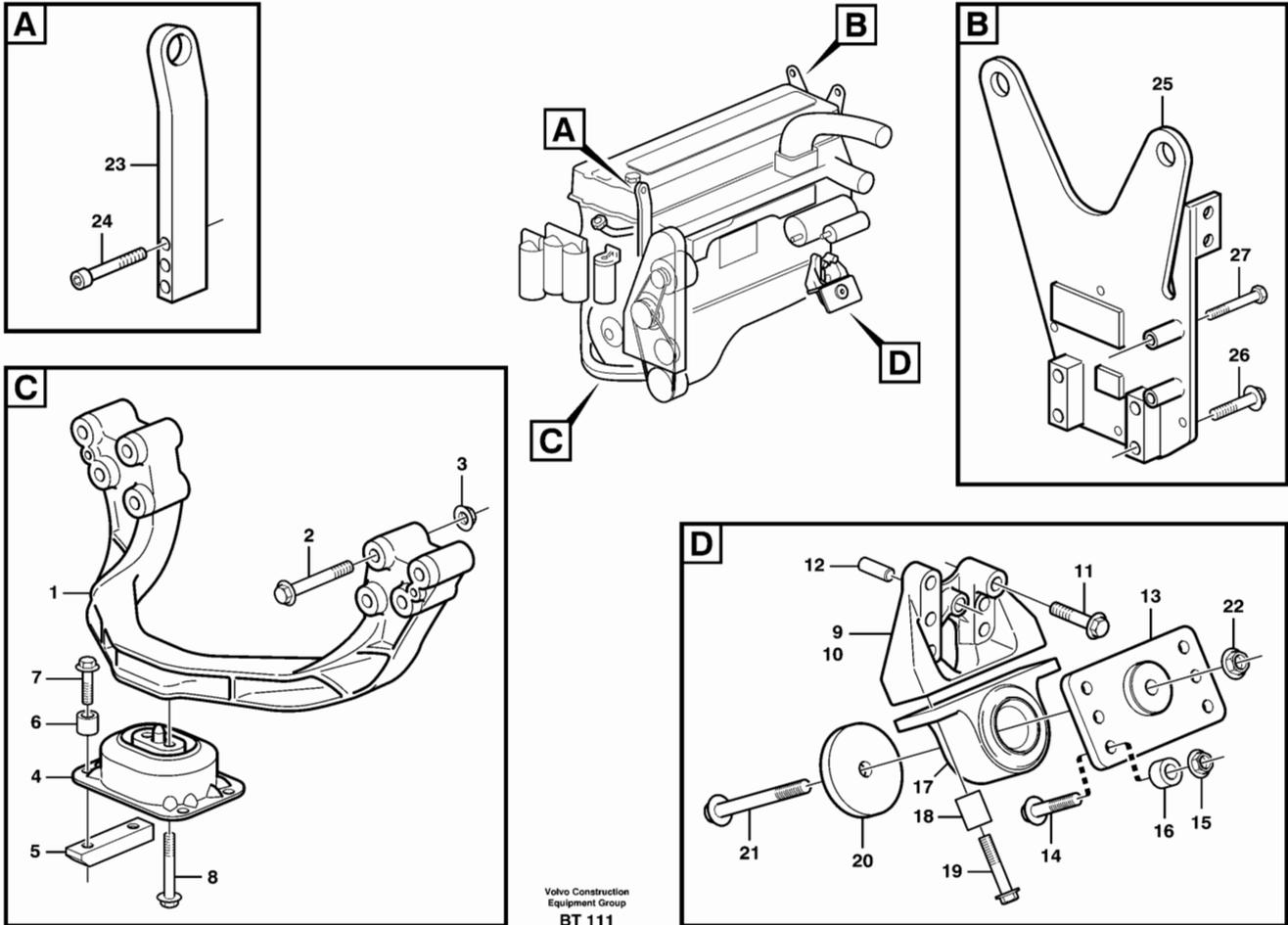
Section option	Kit	Option description
VOE8188763		Engine D12DABE3

Q1-Q5	Option	Option description	
Q1 8188763	VOE8188763	Engine D12DABE3	
Q2 37530	VOE37530	Volvo A40D Tractor	

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE11128901	1							Oil pan		
2	VOE20464233	2					SS		•Pipe		
3	VOE13949656	2							••O-ring		
4	VOE984733	2							•Flange screw		(VOE946440)
5	VOE21042447	1							•Oil level sensor		(VOE24424110)
6	VOE990719	1							••O-ring		
7	VOE60113072	3							•Flange screw		(VOE13948356)
8	VOE953035	2							•Stud		
9	VOE60113166	2							•Flange lock nut		(VOE13949278)

10	VOE20700754	3							•Retainer		(VOE8130088)
11	VOE13960638	1							•Plug		
12	VOE982509	1							•Gasket		
13	VOE11423224	1							•Tube		(VOE11127303)
14	VOE60113509	1							•Hollow screw		(VOE7025167)
15	VOE976929	2							•Gasket		
16	VOE479977	1					SS		•Plug		
17	VOE11423052	1					SS		Tube		L = 808 MM
17A		1					NS		•Dipstick Tube		
18	VOE11423051	1							Dipstick		
19	VOE949187	2							•O-ring		
20	VOE975371	1							Six point socket screw		
21	VOE22859766	30							Flange screw		(VOE20538726)
22	VOE20532272	1							Sealing strip		
23	VOE11113583		1						Hose assembly		
24	VOE13933906		1						Nipple		
25	VOE981289		1						•O-ring		
26	VOE14211859		1						•Sealing ring		
27	VOE11115336		1						Block		
28	VOE60113080		3						Flange screw		(VOE13946173)
29	VOE11054692		1						Valve		
30	VOE949329		1						Gasket		
31	VOE11113569		1						Nipple		
	VOE11707464		1						•O-ring		
32	VOE993600		1						Gasket		

Date: 4/10/2025	Image id: BT111	Catalogue: 20091	Model: T450D
Brand: Volvo	Serial: 17001-99999	Group/Section: 218/100	Title: Engine mounting

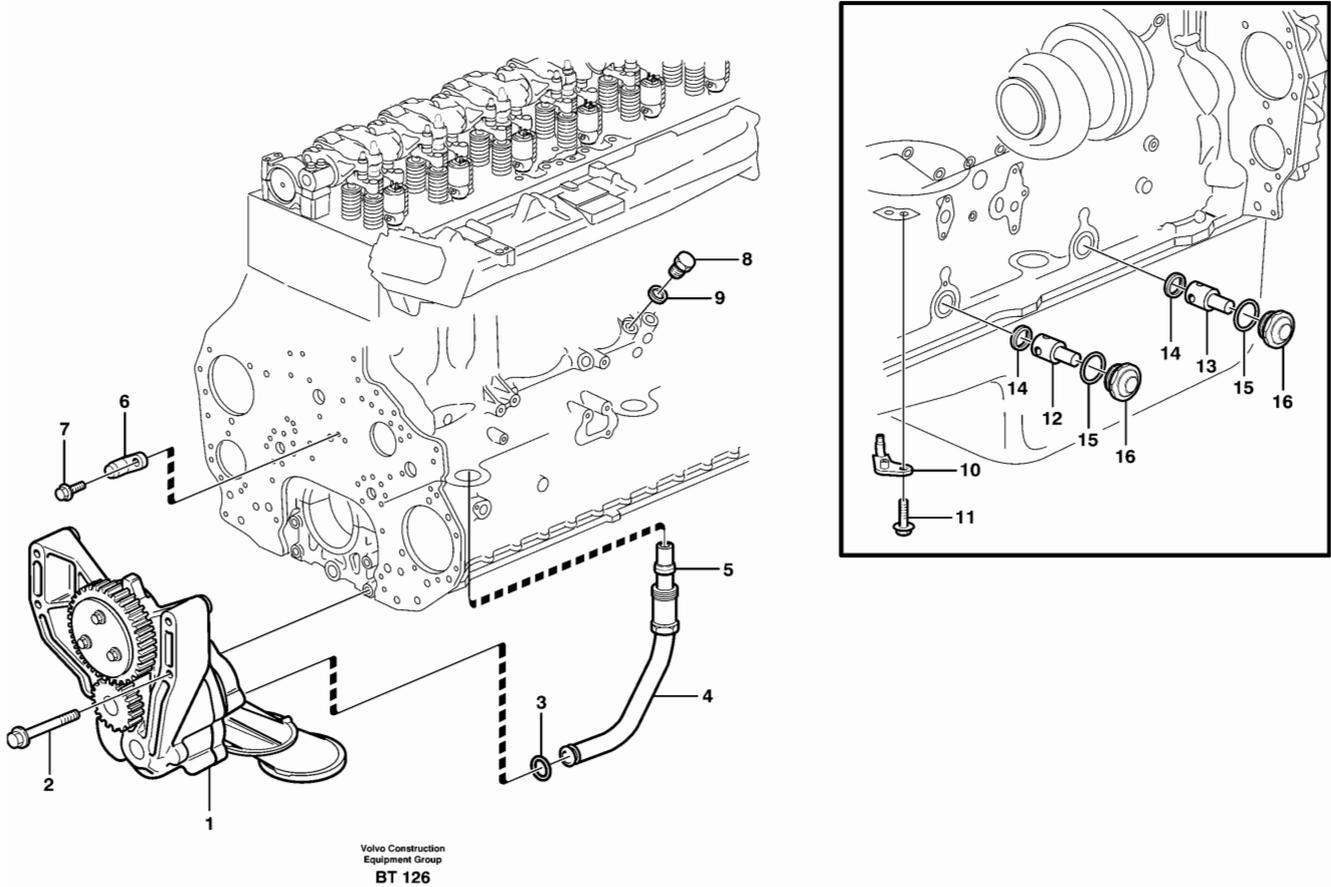


Section option	Kit	Option description
VOE8188763		Engine D12DABE3

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE11127459	1							Engine anchorage		
2	VOE967786	6							Flange screw		
3	VOE979014	2							Flange nut		
4	VOE20503551	1							Rubber cushion		
5	VOE15042661	2							Nut plate		
6	VOE60113600	4							Spacer sleeve		(VOE4861316)
7	VOE60113113	4							Flange screw		(VOE13965194)
8	VOE60113123	2							Flange screw		(VOE13966362)
9	VOE11113003	1							Engine bracket		LH
10	VOE11113004	1							Engine bracket		RH
11	VOE968437	12							Flange screw		
12	VOE191171	2							Pin		
13	VOE11114264	2							Bracket		

14	VOE60113113	12							Flange screw		(VOE13965194)
15	VOE990952	12							Flange lock nut		(VOE971099)
16	VOE60113600	12							Spacer sleeve		(VOE4861316)
17	VOE11113002	2							Rubber element		
18	VOE60113615	8							Spacer Sleeve		(VOE11118580)
19	VOE968437	8							Flange screw		
20	VOE11114265	2							Washer		
21	VOE60113137	2							Flange screw		(VOE968299)
22	VOE13967934	2							Flange lock nut		
23		1					NS		Lifting eye		
24	VOE959265	3							Hex. socket screw		
25	VOE11030390	1							Lifting eye		
26	VOE975122	4							Flange screw		
27	VOE60113103	2							Flange screw		(VOE13947790)

Date: 4/10/2025	Image id: BT126	Catalogue: 20091	Model: T450D
Brand: Volvo	Serial: 17001-99999	Group/Section: 221/100	Title: Lubricating oil system



Section option	Kit	Option description
VOE8188763		Engine D12DABE3

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1		1					NS		Oil Pump		See ref 221/150
2	VOE471734	4							Screw		
3	VOE21092243	1							Sealing ring		(VOE8170558)
4	VOE20411298	1							Delivery pipe		
5	VOE980788	1					CS		•Ferrule		
6	VOE8170583	1							Nozzle		
7	VOE471586	1							Screw		
8	VOE960631	2							Plug		
9	VOE13947622	2							Plane gasket		
10	VOE22295738	6							Piston cooling jet		(VOE3155151)
11	VOE13966378	6							Flange screw		
12	VOE471706	1							Reduction valve		
13	VOE22416685	1							Reduction valve		(VOE471707)
14	VOE469846	2							Sealing ring		