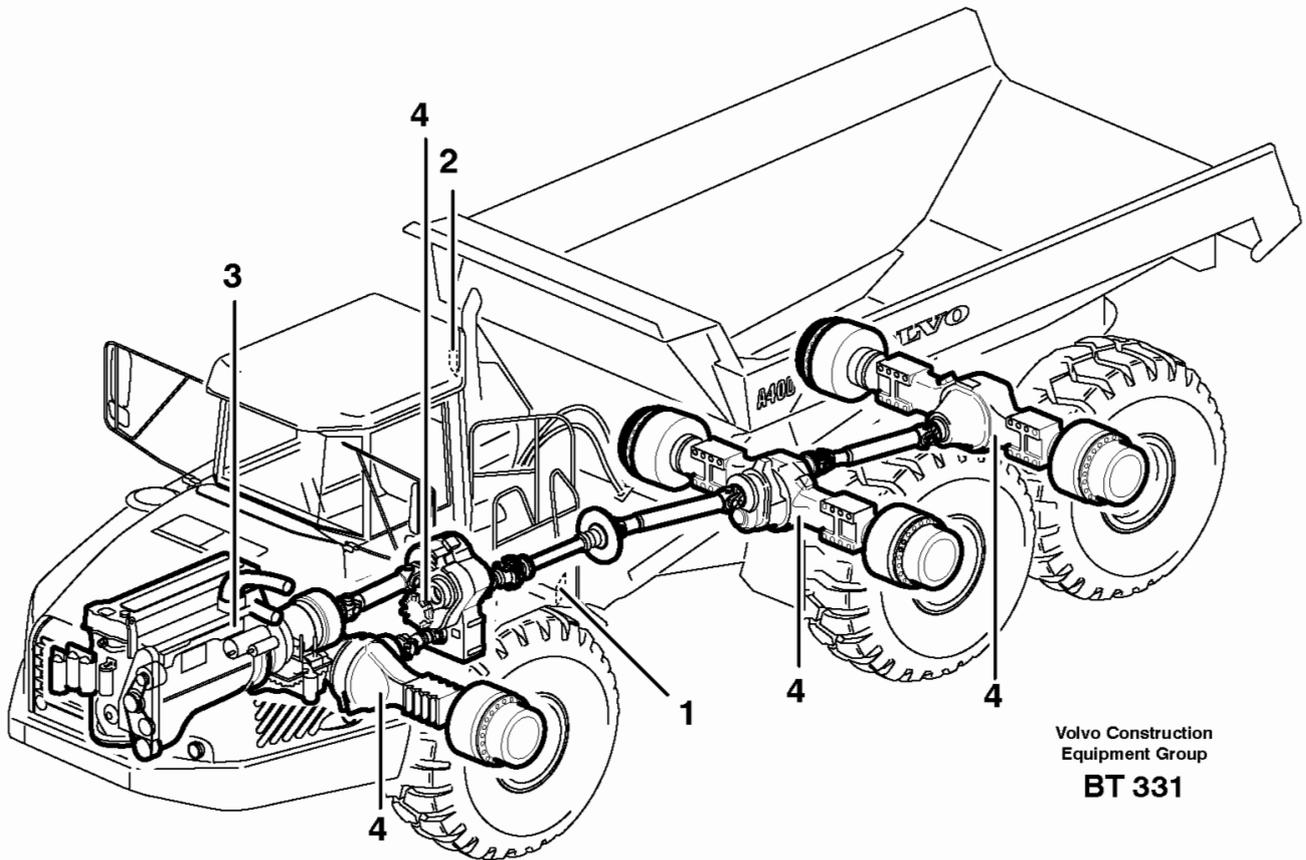


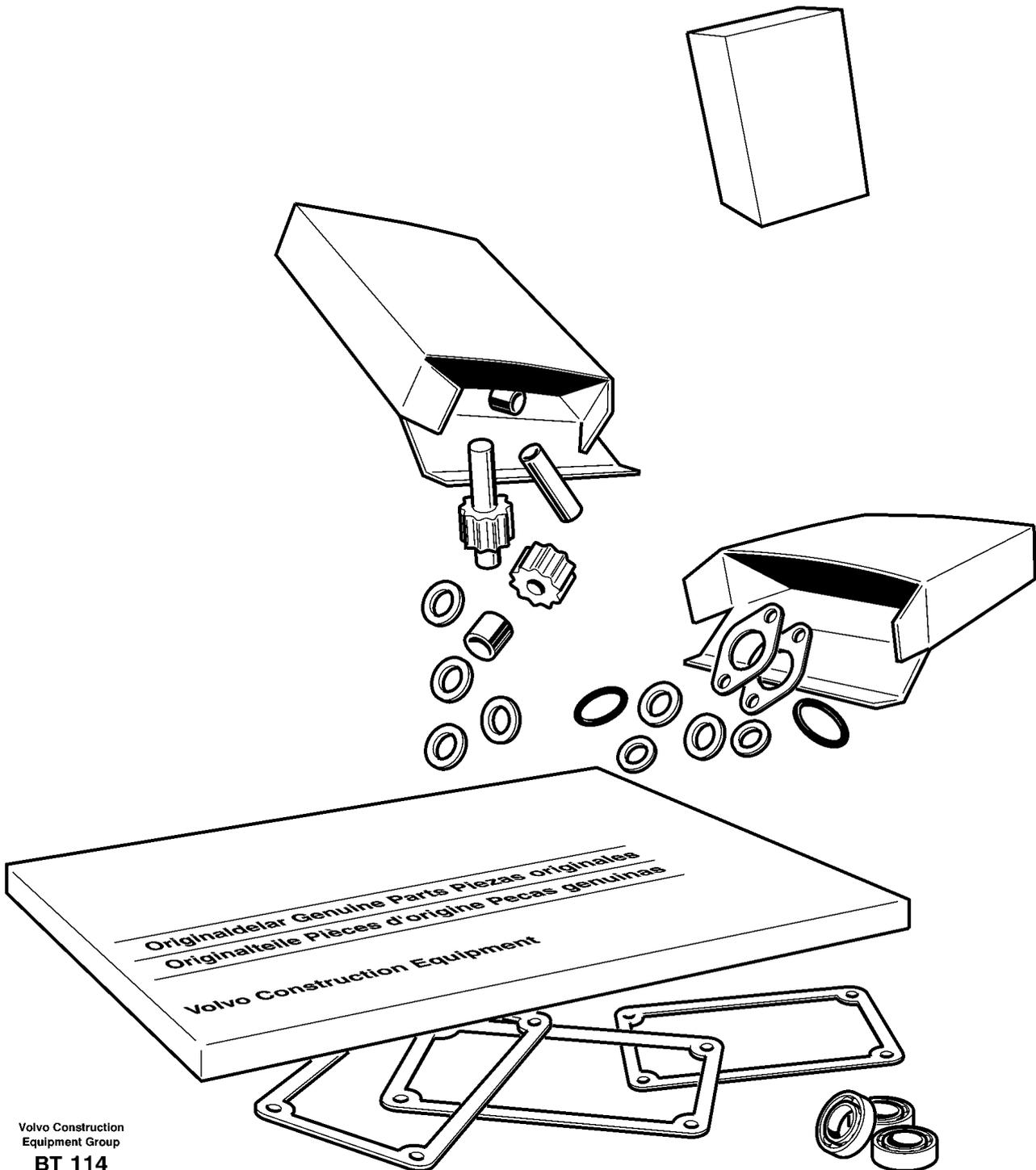
Date: <b>4/2/2025</b>	Image id: <b>BT331</b>	Catalogue: <b>97821</b>	Model: <b>A40D</b>
Brand: <b>Volvo</b>	Serial: <b>10001-14283, 60001-60286, 70001-70374</b>	Group/Section: <b>030/100</b>	Title: <b>Product identification plate</b>



Volvo Construction  
Equipment Group  
**BT 331**

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		
4									Axle Number		

Date: <b>4/2/2025</b>	Image id: <b>BT114</b>	Catalogue: <b>97821</b>	Model: <b>A40D</b>
Brand: <b>Volvo</b>	Serial: <b>10001-14283, 60001-60286, 70001-70374</b>	Group/Section: <b>210/100</b>	Title: <b>Repair kits for engine</b>



Volvo Construction  
Equipment Group  
**BT 114**

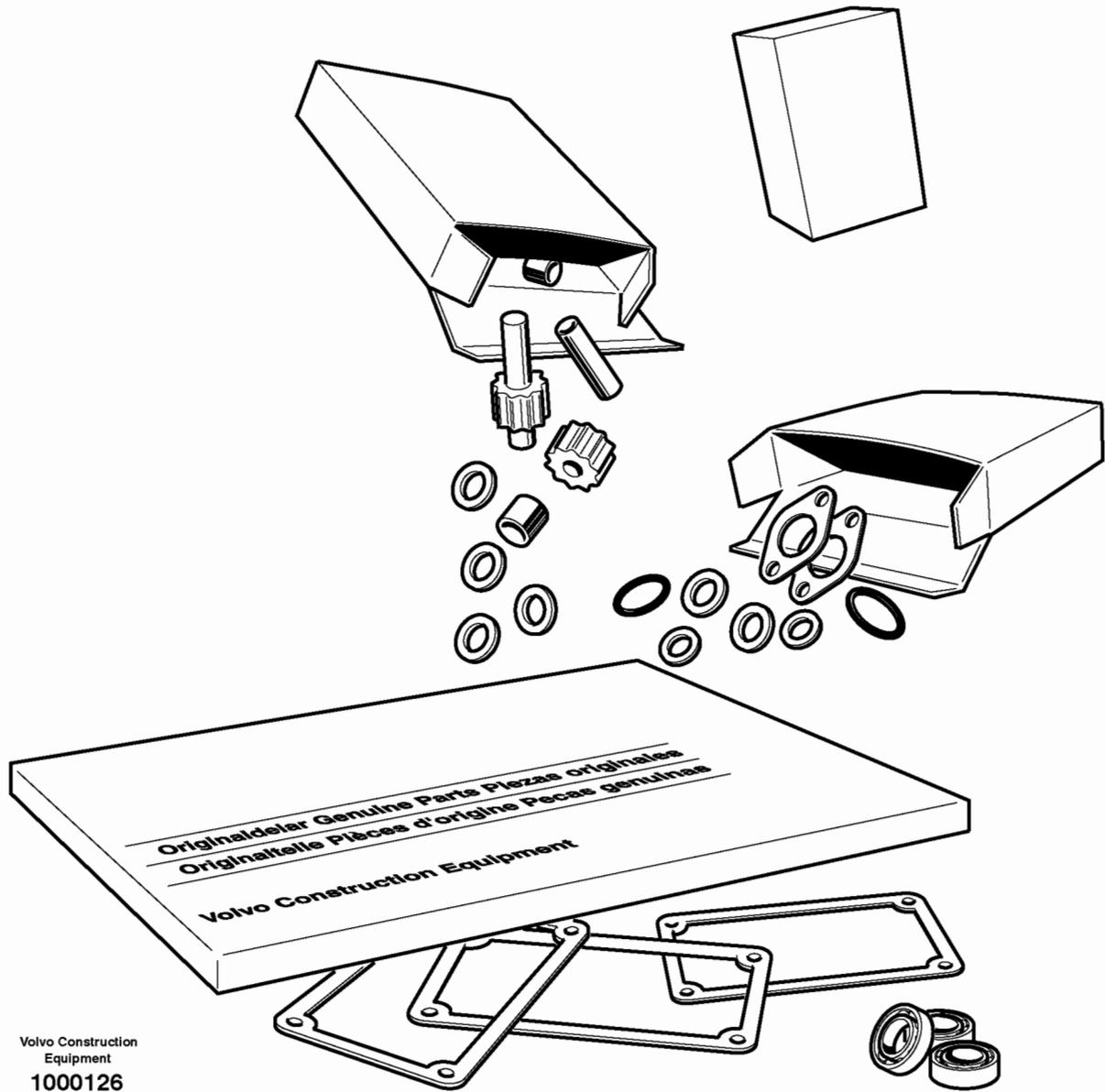
Section option	Kit	Option description
V/OE8188166		Engine D12_GAAE2

VOE8188171		Engine D12
VOE8188753		Engine D12 DABE2
VOE8188763		Engine D12DABE3
VOE8188767		Engine D12DADE3
VOE8188778		Engine D12
VOE8188779		Engine D12

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
	VOE3099100	1							Gasket kit		(VOE3093503) See ref 211/100
									•Cylinder head		
	VOE3165309	1							Bearing housing		See ref 211/100
									•Bearing housing		
	VOE276921	6					SS		Cylinder liner kit		See ref 213/100
	VOE270950	6							Sealing kit		See ref 213/100
	VOE276949	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		(VOE276626)FORW
									•Camshaft		See ref 215/150
	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		
	VOE11707628								Repair kit		See ref 262/200
									•Water pump		
	VOE20710242								De-carbonizing kit		(VOE3092642)
	VOE21123014	1							•Sealing strip		(VOE8170116)
	VOE3964604	16							•Bushing		
	VOE1675841	1							•Gasket		

VOE1544710	2								•Sealing ring		
VOE13949656	1								•O-ring		
VOE21501189	24								•Valve stem seal		(VOE859171)
VOE20489341	1								•Gasket		(VOE8170473)
VOE20714247	1								•Sealing strip		(VOE8170452)
VOE1677370	2								•Sealing ring		
VOE1636309	1								•Sealing ring		
VOE7011996	7								•Gasket		
VOE8170519	1								•Gasket		
VOE1547254	2								•Sealing ring		
VOE949659	12								•O-ring		
VOE20536487	6								•O-ring		(VOE3165747)
VOE8149301	1								•Gasket		
VOE3165097	1								•Sealing ring		
VOE1547252	1								•Sealing ring		
VOE11713514	1								•Sealant		(VOE1161231)
VOE11716029	1								Overhaul kit		ENG 8188166, 8188171
VOE11715625	1								Overhaul kit		ENG 8188753, 8188778, 8188779
VOE11715624	1								Overhaul kit		ENG 8188763, 8188767

Date: <b>4/2/2025</b>	Image id: <b>1000126</b>	Catalogue: <b>97821</b>	Model: <b>A40D</b>
Brand: <b>Volvo</b>	Serial: <b>10001-14283, 60001-60286, 70001-70374</b>	Group/Section: <b>210/110</b>	Title: <b>Repair kits for engine 8188166, 8188171. NA ONLY.</b>

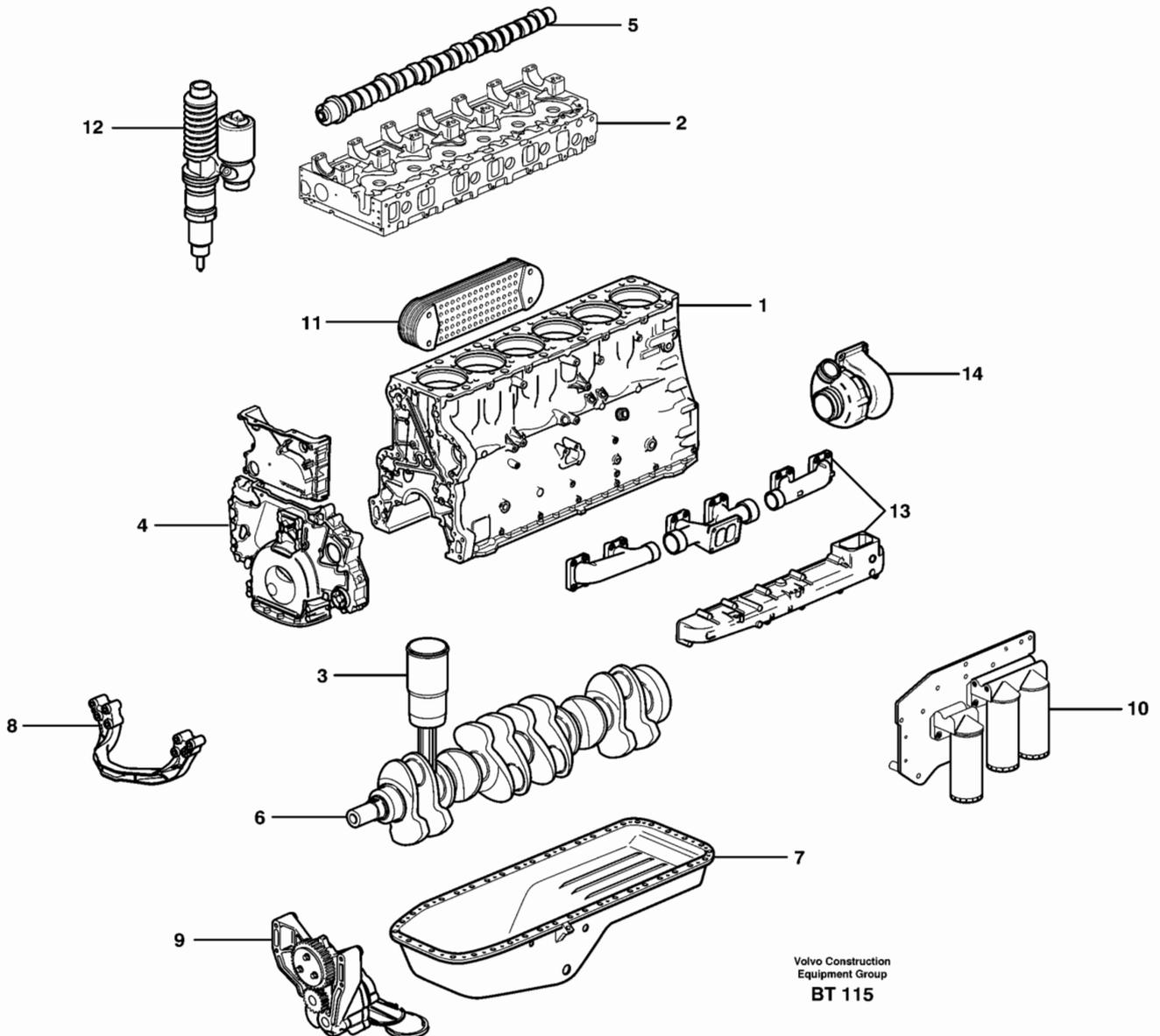


Section option	Kit	Option description
VOE8188166		Engine D12 CAAE2
VOE8188171		Engine D12

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
	VOE17514599	1							Spare parts kit		
	VOE20412200	6							•Connecting rod		See ref 216/100
	VOE11712685	6							•Cylinder liner kit		See ref 213/100
	VOE23070440	7							•Main bearing kit		See ref 216/100

VOE24124156	1								•Thrust washer kit	(VOE21948261) See ref 216/100
VOE276134	6								•Big End Brg Kit	See ref 216/100
VOE3099100	1								•Gasket kit	See ref 211/100
VOE425622	1								•Gasket	See ref 217/100
VOE420991	42								•Rubber cushion	See ref 217/100
VOE11707327	42								•Flange screw	See ref 217/100
VOE13943353	8								•Rivet	See ref 217/100
VOE21123014	2								•Sealing strip	See ref 214/100
VOE3964604	16								•Bushing	See ref 214/100
VOE276630	6								•Bearing shell kit	See ref 215/150
VOE20503200	1								•Bearing shell kit	See ref 215/150
VOE469846	2								•Sealing ring	See ref 221/100
VOE471706	1								•Reduction valve	See ref 221/100
VOE13948610	2								•O-ring	See ref 221/100
VOE22416685	1								•Reduction valve	See ref 221/100
VOE8149182	1								•Thermostat	See ref 262/100
VOE1544710	1								•Sealing ring	See ref 262/100
VOE8170519	1								•Gasket	See ref 262/100
VOE1547254	2								•Sealing ring	See ref 262/100
VOE8149301	1								•Gasket	See ref 262/100
VOE20714247	1								•Sealing strip	See ref 215/100
VOE20489341	1								•Gasket	See ref 215/100
VOE8170959	1								•Gasket	See ref 251/100

Date: <b>4/2/2025</b>	Image id: <b>BT115</b>	Catalogue: <b>97821</b>	Model: <b>A40D</b>
Brand: <b>Volvo</b>	Serial: <b>10001-14283, 60001-60286, 70001-70374</b>	Group/Section: <b>210/150</b>	Title: <b>Engine</b>

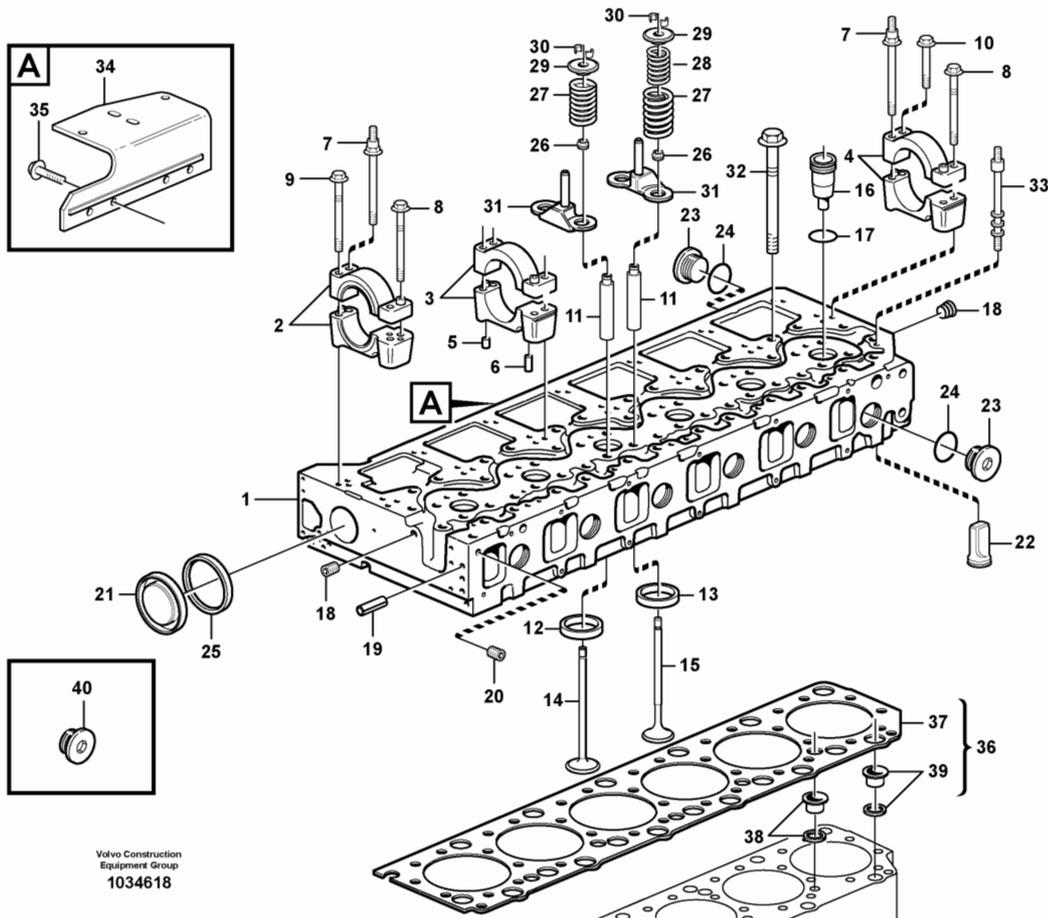


Section option	Kit	Option description
VOE8188166		Engine D12 CAAE2
VOE8188171		Engine D12
VOE8188753		Engine D12 DABE2
VOE8188763		Engine D12DABE3
VOE8188767		Engine D12DADE3
VOE8188778		Engine D12
VOE8188779		Engine D12

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
	VOE8188166	1					SS		Engine		SER NO - 10057 SWE D12CAAE2 ERS AV 15002157, REMAN VOE9008188166, VOE9015002157, VOE9415002157 (SHORT BLOCK), VOE9515002157 (LONG BLOCK)
	VOE8188171	1					SS		Engine		SER NO 10058 - , SWE USA, REMAN VOE9008188166, VOE9008188166, VOE9008188171
	VOE8188166	1					SS		Engine	VOE81039	D12CAAE2 ERS AV 15002157, REMAN VOE9008188166, VOE9015002157, VOE9415002157 (SHORT BLOCK), VOE9515002157 (LONG BLOCK)
	VOE8188166	1					SS		Engine	VOE81045	SER NO - 11104 SWE D12CAAE2 ERS AV 15002157, REMAN VOE9008188166, VOE9015002157, VOE9415002157 (SHORT BLOCK), VOE9515002157 (LONG BLOCK)
	VOE15004433	1					CS		Engine	VOE81045	(VOE8188778)SER NO 11105 - SWE D12CAAE2, REMAN VOE9008188778, VOE9015004433
	VOE8188171	1					SS		Engine		81046 SER NO - 11107 SWE D12CACE2 ERS AV 8188166, REMAN VOE9008188166, VOE9008188166, VOE9008188171
	VOE8188779	1					SS		Engine	VOE81046	SER NO 11108 - SWE D12CACE2 ERS AV 15004435, REMAN VOE9008188779, VOE9015004435
	VOE15004379	1					CS		Engine	VOE81236	(VOE8188753)SER NO 12001 - SWE 81236 SER NO 70001 - BRA D12DABE2, REMAN VOE9008188753, VOE9015004379, VOE9415004379 (SHORT BLOCK), VOE9515004379 (LONG BLOCK)

	VOE8188763	1						CS		Engine	VOE81235	SER NO 12001 - SWE 81235 SER NO 70001 - BRA D12DABE3, REMAN VOE9008188763
	VOE8188767	1								Engine	VOE81348	D12DADE3, REMAN VOE9008188767
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		SER NO - 12000 SER NO - 70000 BRA See ref 217/100
7		1								•Oil sump		SER NO 12001 - SER NO 70001 - BRA See ref 217/150
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: <b>4/2/2025</b>	Image id: <b>1034618</b>	Catalogue: <b>97821</b>	Model: <b>A40D</b>
Brand: <b>Volvo</b>	Serial: <b>10001-14283, 60001-60286, 70001-70374</b>	Group/Section: <b>211/100</b>	Title: <b>Cylinder head</b>



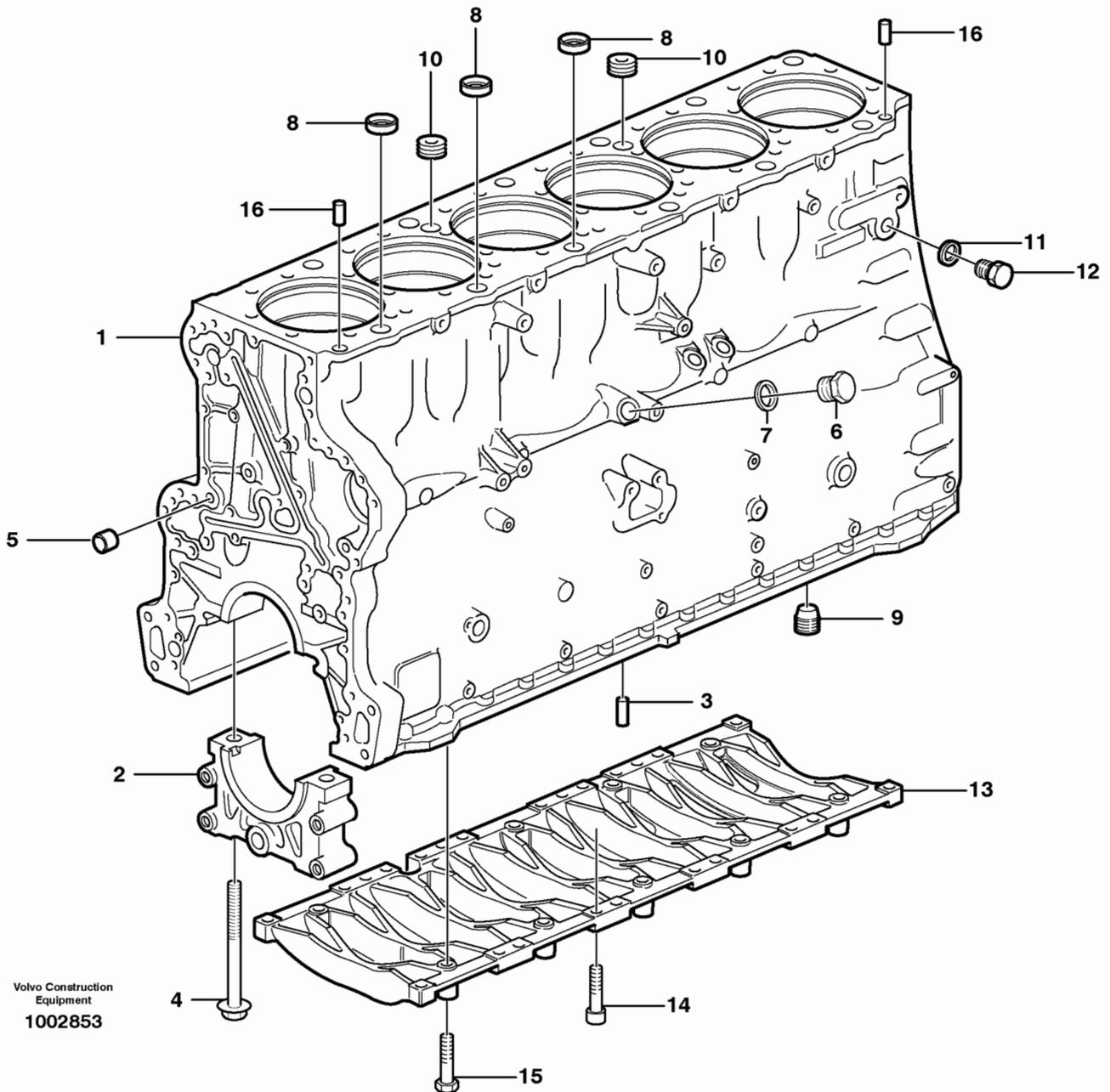
Section option	Kit	Option description
VOE8188166		Engine D12 CA AE2
VOE8188753		Engine D12 DA BE2
VOE8188763		Engine D12 DA BE3
VOE8188767		Engine D12 DA DE3
VOE8188778		Engine D12
VOE8188779		Engine D12

Q1-Q5	Option	Option description	
Q1 8188166	VOE8188166	Engine D12 CA AE2	
Q2 8188166	VOE8188166	Engine D12 CA AE2	
Q3 8188778 8188779	VOE8188778	Engine D12	
Q4 8188753	VOE8188753	Engine D12 DA BE2	
Q5 8188763 8188767	VOE8188763	Engine D12 DA BE3	

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE3165239	1					SS		Cylinder head		ENG - 250005, REMAN VOE9003165239, VOE9020561911
	VOE20561911		1						Cylinder head		ENG 250006 - 302887, REMAN VOE9020561911
	VOE20560797			1	1		SS		Cylinder head		ENG 302888 -, REMAN VOE9020560797, VOE9020929885
	VOE22012779					1			Cylinder head		(VOE21086450), REMAN VOE9021086450, VOE9022012779
	VOE3165309	1	1						•Bearing housing		
2	VOE3165130	1	1						••Bearing housing		
	VOE8170150			1	1	1			•Bearing housing		
3	VOE3165133	5	5	6	6	6			••Bearing housing		
4	VOE3165136	1	1						••Bearing housing		
5	VOE950542	7	7	7	7	7			••Pin		
6	VOE950562	14	14	14	14	14			••Pin		
	VOE1546484	14	14						••Sleeve		
	VOE1546484			7	7	7			•Sleeve		
7	VOE21344812	7	7	7	7	7			•Stud		(VOE8170626)
8	VOE1547889	14	14	14	14	14	SS		•Screw		
9	VOE21344752	1	1	1	1	1			•Flange screw		(VOE1547888)
10	VOE1677283	6	6	6	6	6			•Screw		
11	VOE20905400	24							•Valve guide		(VOE1546437)
	VOE20905400		24						•Valve guide		(VOE3165303)
	VOE20905400			24	24				•Valve guide		(VOE3165303)
	VOE20817648					24			•Valve guide		(VOE20460636)
12	VOE3183227	12							•Valve seat		STD, INLET
			12				NS		•Valve seat		
	VOE20459329			12	12	12			•Valve seat		STD, INLET
	VOE3183228	12							•Valve seat		0.20 O SZ
			12				NS		•Valve seat		0.20 O SZ
	VOE20459332			12	12		CS		•Valve seat		0.20 O SZ
13	VOE3165369	12	12						•Valve seat		STD, EXHAUST
	VOE3169366			12	12				•Valve		STD, EXHAUST
	VOE20412798					12			•Valve seat		
	VOE3165397	12	12						•Valve seat		0.20 O SZ
	VOE20411979			12	12		CS		•Valve seat		0.20 O SZ
14	VOE3169490	12	12						•Inlet valve		
	VOE20459326			12	12	12			•Inlet valve		
15	VOE20441945	12	12	12	12				•Exhaust valve		
	VOE20441486					12			•Exhaust Valve		
16	VOE3183241	6	6						•Sleeve		
	VOE3183368			6	6	6			•Sleeve		
17	VOE20536487	6							•O-ring		(VOE3165747)

	VOE20536487		6	6	6	6			•O-ring		
18	VOE13968062	2	2	2	2	2			•Plug		
19	VOE422426	1	1	1	1	1			•Pin		
20	VOE996102	1							•Plug		(VOE968060)
			1	1	1	1			•Plug		
21	VOE8170553	1	1	1	1	1			•Cap plug		
22	VOE3155057	6	6						•Nozzle		
23	VOE3155171	12	2	2	2	2			•Plug		
24	VOE949659	12	2	2	2	2			••O-ring		
25	VOE1544710	1	1	1	1	1			•Sealing ring		
26	VOE21501189	24	24	24	24	24			•Valve stem seal		(VOE859171)
27	VOE22691232	24	24	24	24	24			•Valve spring		(VOE1547209)
28	VOE3183211	12	12	12	12	12			•Valve spring		(VOE1547210)
29	VOE1546487	24	24	24	24	24			•Valve spring washer		
30	VOE1677875	48	48	48	48	24			•Valve sleeve		
31	VOE1677963	12	12						•Guide pin		INLET & EXHAUST ENG - 366819
	VOE1677963	6	6						•Guide pin		INLET ENG 366820 -
	VOE1677963			6	6	6			•Guide pin		
32	VOE21345131	38	38	38	38	38			Flange screw		(VOE1547419)
33	VOE21344784	9	9	9	9	9			Stud		(VOE8148863)
34	VOE11030431	1	1	1	1	1	CS		Bracket		
35	VOE60113093	4	4	4	4	4			Flange screw		(VOE946329)
36	VOE3099100	1	1	1	1	1			Gasket kit		(VOE3093503)
37	VOE20412953	1	1	1	1	1	SS		•Gasket		
38		18	18	18	18	18	NS		•Sealing ring		
39		4	4	4	4	4	NS		•Sealing ring		
40	VOE990830					2			Plug		

Date: <b>4/2/2025</b>	Image id: <b>1002853</b>	Catalogue: <b>97821</b>	Model: <b>A40D</b>
Brand: <b>Volvo</b>	Serial: <b>10001-14283, 60001-60286, 70001-70374</b>	Group/Section: <b>212/100</b>	Title: <b>Cylinder block</b>

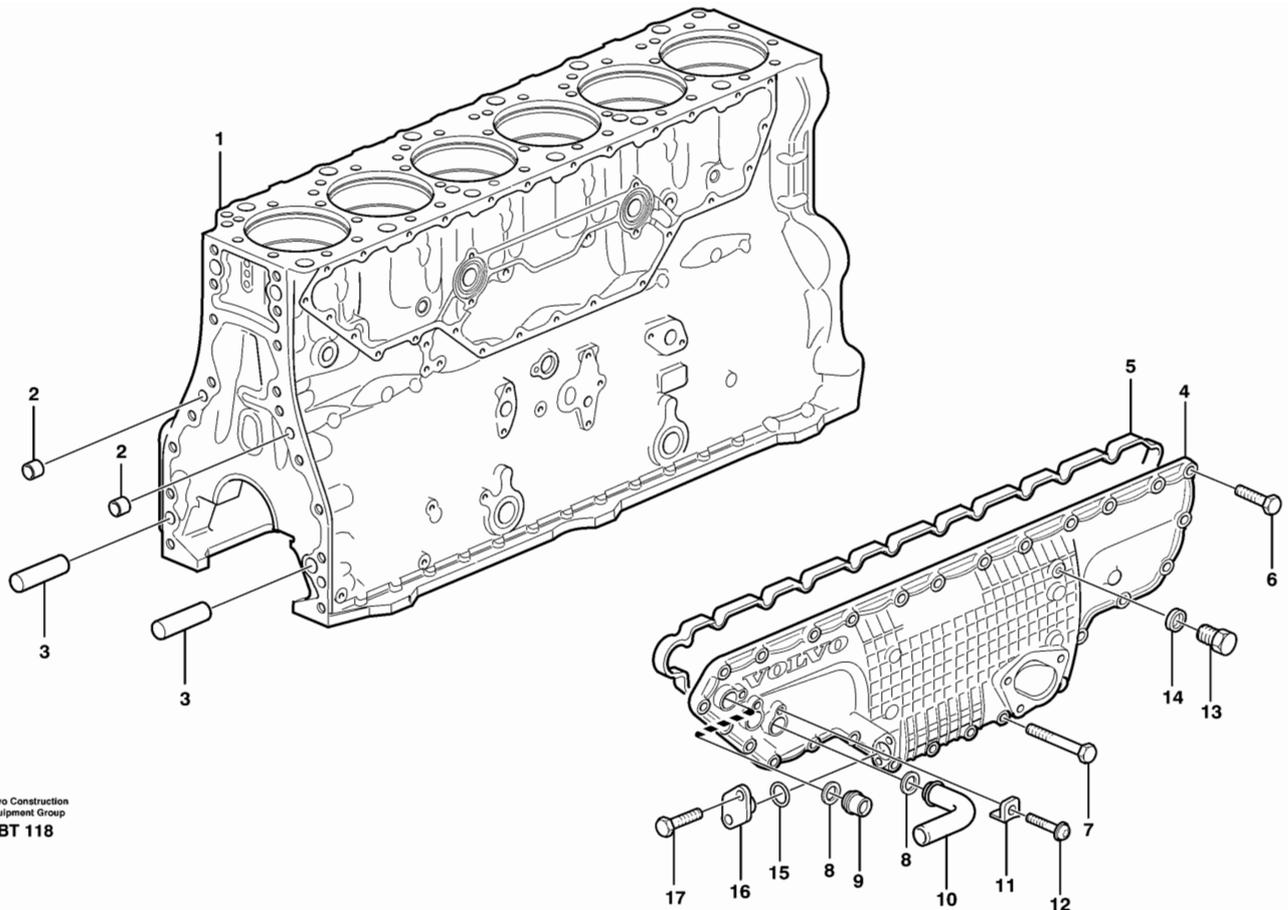


Section option	Kit	Option description
VOE8188166		Engine D12 CAAE2
VOE8188753		Engine D12 DABE2
VOE8188763		Engine D12DABE3
VOE8188767		Engine D12DADE3
VOE8188778		Engine D12

VOE8188779		Engine D12
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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	VOE3165099	2							Plug		ENG - 296774
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: <b>4/2/2025</b>	Image id: <b>BT118</b>	Catalogue: <b>97821</b>	Model: <b>A40D</b>
Brand: <b>Volvo</b>	Serial: <b>10001-14283, 60001-60286, 70001-70374</b>	Group/Section: <b>212/150</b>	Title: <b>Cylinder block</b>



Volvo Construction  
Equipment Group  
BT 118

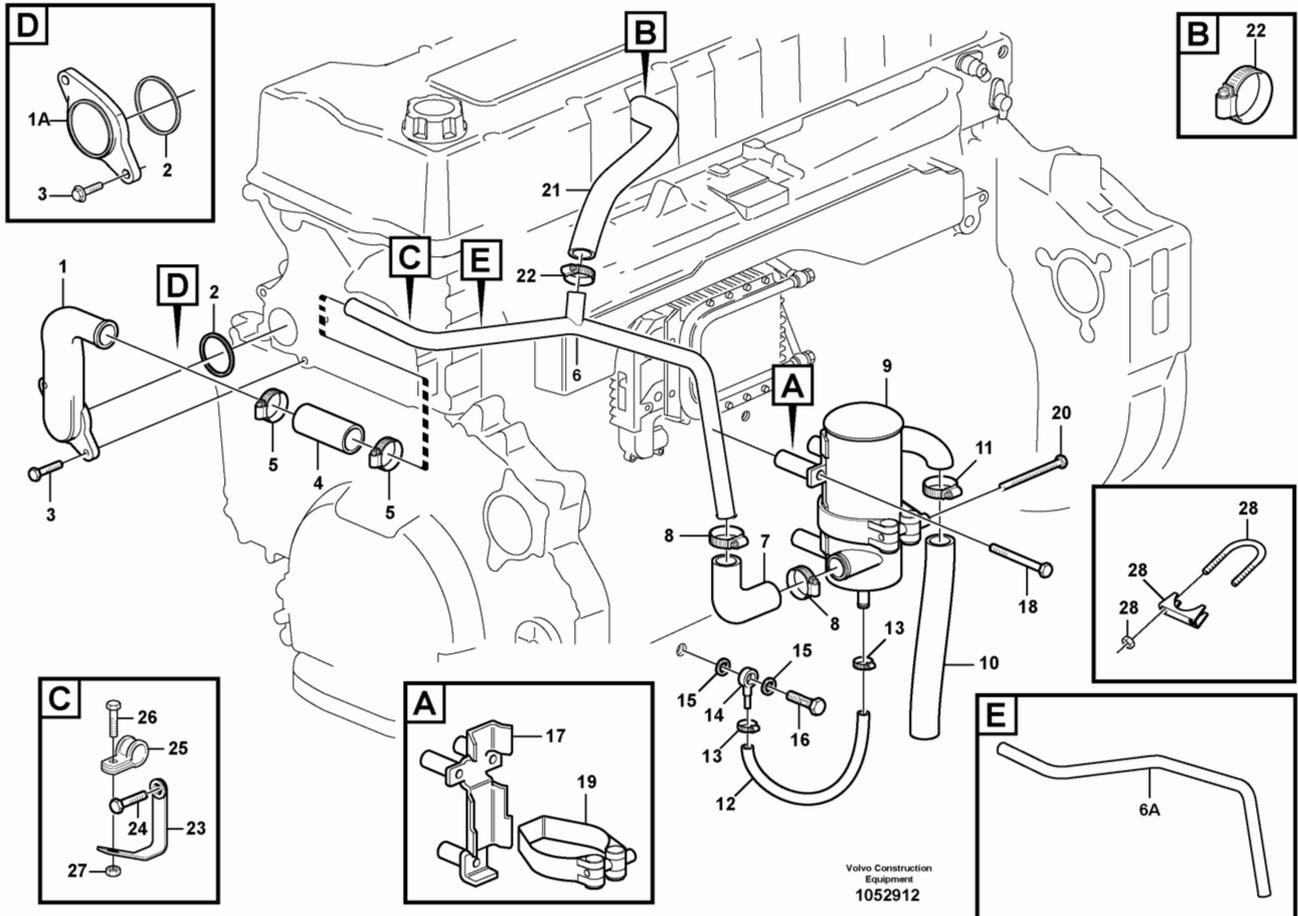
Section option	Kit	Option description
VOE8188166		Engine D12 CAAE2
VOE8188753		Engine D12 DABE2
VOE8188763		Engine D12DABE3
VOE8188778		Engine D12
VOE8188779		Engine D12

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE8130120	1					SS		Cylinder block		
2	VOE981735	2							Cap plug		
3	VOE8170389	2							Guide sleeve		
4	VOE21328908	1					CS		Cover		(VOE8170596)ENG - 250501
	VOE20411014	1					SS		Casing		ENG 250502 - 369406
	VOE20538056	1					SS		Casing		ENG 369407 -
	VOE20540417	1							Cover		See footnote 1)

	VOE20381177	1							•Plug		
	VOE471708	1							•Sealing ring		
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)

1) Replacement version

Date: <b>4/2/2025</b>	Image id: <b>1052995</b>	Catalogue: <b>97821</b>	Model: <b>A40D</b>
Brand: <b>Volvo</b>	Serial: <b>10001-14283, 60001-60286, 70001-70374</b>	Group/Section: <b>212/200</b>	Title: <b>Crankcase ventilation</b>



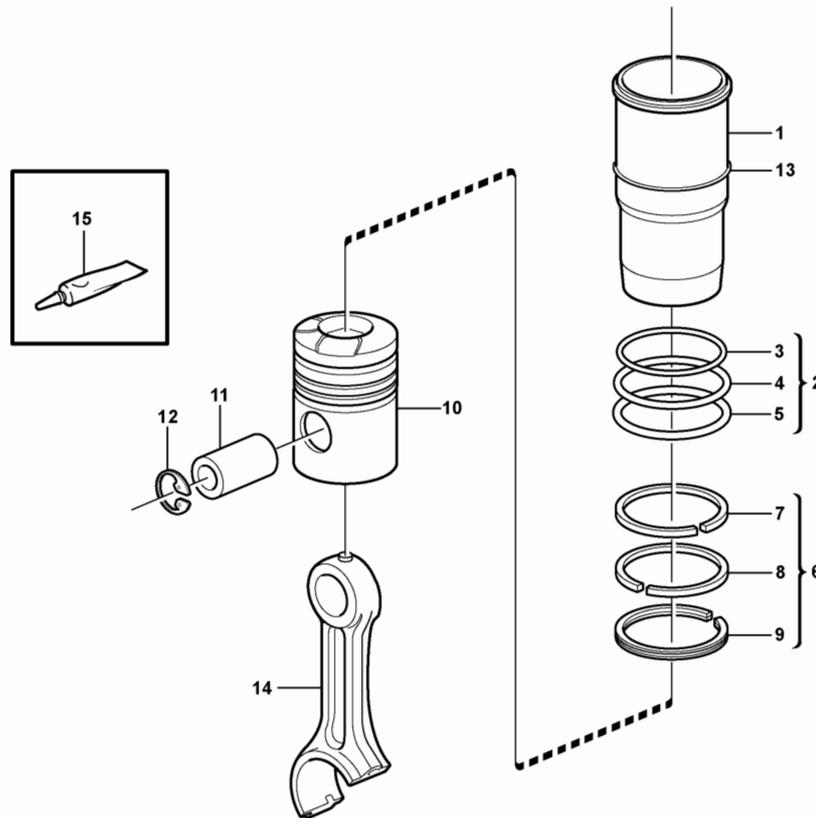
Section option	Kit	Option description
VOE8188166		Engine D12 CAAE2
VOE8188753		Engine D12 DABE2
VOE8188763		Engine D12DABE3
VOE8188778		Engine D12
VOE8188779		Engine D12

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE11127358	1							Flange pipe		ENG - 602908
1A	VOE20700315	1							Plug		ENG 602909 -
2	VOE3165097	1							Sealing ring		
3	VOE60113081	2							Flange screw		(VOE13945444)
4	VOE11128750	1							Hose		L = 90 MM
5	VOE943475	2							Hose clamp		ENG - 224960
	VOE943476	2							Hose clamp		ENG 224961 - 602908
6	VOE11423117	1					CS		Tube		(VOE1127478)ENG -

602908

6A	VOE11423651	1						Pipe		ENG 602909 - 620225
	VOE11423802	1						Pipe		ENG 620226 -
7	VOE11128756	1						Hose		
8	VOE943475	2						Hose clamp		ENG - 224960
	VOE943476	2						Hose clamp		ENG 224961 - 602908
9	VOE11033878	1						Oil trap		
10	VOE941799	REQ						Hose		L = 550 MM
11	VOE60112443	1						Hose clamp		(VOE11059294)
12	VOE983342	REQ						Hose		L = 480 MM
	VOE983342	REQ						Hose		L = 520 MM
13	VOE943471	2						Hose clamp		
14	VOE11423224	1						Tube		
15	VOE13969011	2						Gasket		
16	VOE60113509	1						Hollow screw		(VOE7025167)
17	VOE11128998	1					SS	Attachment		ENG - 463117
	VOE11423146	1						Attachment		ENG 463118 -
18	VOE984758	3						Flange screw		(VOE13965188)
19	VOE1545256	1						Tensioning band		(VOE420914)
20	VOE1545257	1						Screw		
21	VOE11128751	1						Hose		ENG - 427820
	VOE11128750	1						Hose		ENG 427821 - L = 90 MM
22	VOE943475	2						Hose clamp		ENG - 224960
	VOE943476	2						Hose clamp		ENG 224961 - 602908
23	VOE11127553	1					CS	Bracket		
24	VOE60113261	1						Flange screw		(VOE969313)
25	VOE952638	1						Clamp		
26	VOE946934	1					SS	Flange screw		
27	VOE945407	1					SS	Flange nut		
	VOE949278	1					SS	Flange lock nut		
28	VOE968129	2						Clamp		

Date: <b>4/2/2025</b>	Image id: <b>1035153</b>	Catalogue: <b>97821</b>	Model: <b>A40D</b>
Brand: <b>Volvo</b>	Serial: <b>10001-14283, 60001-60286, 70001-70374</b>	Group/Section: <b>213/100</b>	Title: <b>Cylinder liner and piston</b>



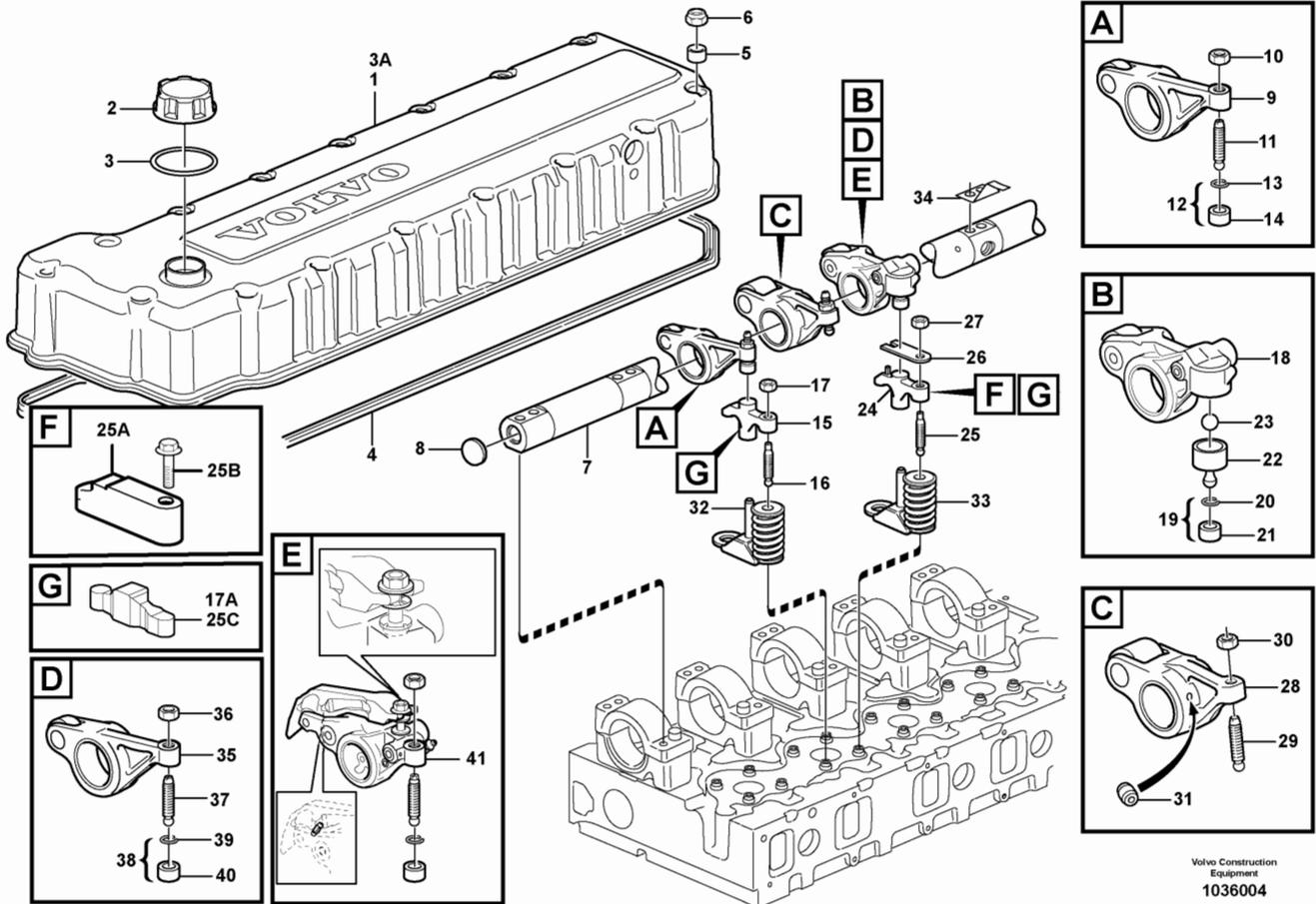
Volvo Construction  
Equipment  
1035153

Section option	Kit	Option description
VOE8188166		Engine D12 CAAE2
VOE8188171		Engine D12
VOE8188753		Engine D12 DABE2
VOE8188763		Engine D12DABE3
VOE8188767		Engine D12DADE3
VOE8188778		Engine D12
VOE8188779		Engine D12

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
	VOE276921	6					SS		Cylinder liner kit		ENG - 397681
	VOE20515059	6					SS		Cylinder		ENG 397682 -
	VOE20820358	6					SS		Cylinder		8188763,8188767
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							••Sealing ring		LOW
6	VOE276949	6							•Piston ring kit		ENG - 397681
	VOE85103174	6					SS		•Piston ring kit		ENG 397682 -
	VOE20820363	6							•Piston ring kit		8188763, 8188767
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 = 0,2MM
13	VOE1677592	REQ							Shim		THICK = 0,3MM
13	VOE1677593	REQ							Shim		THICK = 0,5MM
14		6							Connecting rod		See ref 216/100
15	VOE1161277	1							Sealant		20 GRAM

Date: <b>4/2/2025</b>	Image id: <b>1036004</b>	Catalogue: <b>97821</b>	Model: <b>A40D</b>
Brand: <b>Volvo</b>	Serial: <b>10001-14283, 60001-60286, 70001-70374</b>	Group/Section: <b>214/100</b>	Title: <b>Valve mechanism</b>



Volvo Construction  
Equipment  
1036004

Section option	Kit	Option description
VOE8188166		Engine D12 CAAE2
VOE8188171		Engine D12
VOE8188753		Engine D12 DABE2
VOE8188763		Engine D12DABE3
VOE8188767		Engine D12DADE3
VOE8188778		Engine D12
VOE8188779		Engine D12

Q1-Q5	Option	Option description
Q1 8188166 8188171	VOE8188166	Engine D12 CAAE2
Q2 8188778 8188779	VOE8188778	Engine D12
Q3 8188753	VOE8188753	Engine D12 DABE2
Q4 8188763	VOE8188763	Engine D12DABE3

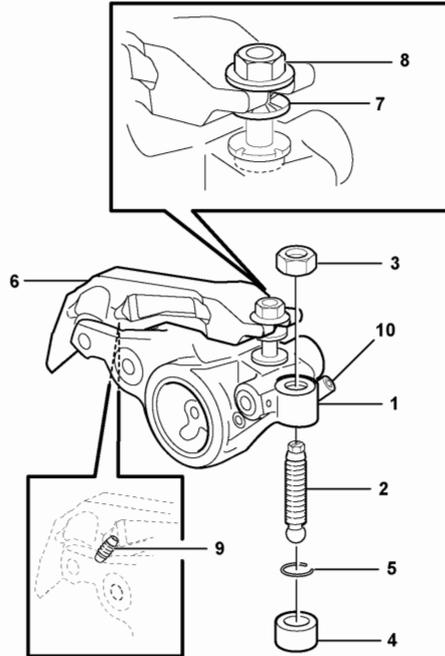
Q5 8188767	VOE8188767	Engine D12DADE3	
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Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE8130100	1					SS		Valve cover		(VOE8170115)ENG - 296258
2	VOE1675839	1							•Oil filler cap		
3	VOE1675841	1							••Gasket		
3A	VOE20545676	1							Valve Cover		ENG 296159 -
	VOE20545676		1	1	1	1			Valve Cover		
4	VOE21123014	1	1	1	1				Sealing strip		(VOE8170116)
	VOE21123014					1			Sealing strip		(VOE21070576)
5	VOE3964604	16	16	16	16	16			Bushing		
6	VOE8148488	16	16	16	16	16			Lock nut		
7	VOE8170158	1	1	1	1	1	SS		Rocker arm shaft		
8	VOE980176	2	2	2	2	2			•Expansion plug		
9	VOE21024794	6	6	6	6				Rocker arm		(VOE8148450)INLET
	VOE21024794					6			Rocker arm		(VOE20738717)
10	VOE60111964	6	6	6	6	6			•Hexagon nut		(VOE13946911)
11	VOE1546458	6	6	6	6	6			•Ball stud		
12	VOE20441753	6	6	6	6	6			•Ball socket		
13	VOE944364	6	6	6	6	6			••O-ring		
14		6	6	6	6	6	NS		••Ball socket		
15	VOE1547919	6							Yoke		ENG - 286878
16	VOE1543368	6							•Adjusting screw		
17	VOE60111964	6							•Hexagon nut		(VOE13946911)
17A	VOE3183207	6							Valve cap		ENG 286879 -
	VOE3183207		6	6	6	6			Valve cap		
18	VOE21132207	6	6				SS		Rocker Arm		(VOE8193970)VEB
19	VOE20441753	6	6						•Ball socket		
20	VOE944364	6	6						••O-ring		
21	VOE20441755	6	6				CS		••Ball socket		
22		6	6				NS		•Piston		
23		6	6				NS		••Ball		
24	VOE1547929	6							Valve cap		ENG - 366819
25	VOE1547924	6							•Adjusting screw		
25A	VOE20509561	6							Valve bridge		ENG 366820 -
	VOE20509561		6						Valve bridge		
25B	VOE13946670	6							Flange screw		ENG 366820 -
	VOE13946670		6						Flange screw		
25C	VOE3183207			6	6	6			Valve cap		
26	VOE1547967	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 2.00 MM
	VOE1547968	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 2.05 MM
	VOE1547969	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 2.10 MM
	VOE1547970	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 2.15 MM
	VOE1547971	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 2.20 MM
	VOE1547972	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 2.25 MM
	VOE1547973	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 2.30 MM

	VOE1547974	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 2.35 MM
	VOE1547975	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 2.40 MM
	VOE1547976	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 2.45 MM
	VOE1547977	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 2.50 MM
	VOE1547978	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 2.55 MM
	VOE1547979	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 2.60 MM
	VOE1547980	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 2.65 MM
	VOE1547981	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 2.70 MM
	VOE1547982	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 2.75 MM
	VOE1547983	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 2.80 MM
	VOE1547984	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 2.85 MM
	VOE1677347	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 2.90 MM
	VOE1677348	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 2.95 MM
	VOE1677349	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 3.00 MM
	VOE1677350	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 3.05 MM
	VOE1677351	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 3.10 MM
	VOE1677352	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 3.15 MM
	VOE1677353	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 3.20 MM
	VOE1677354	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 3.25 MM
	VOE1677355	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 3.30 MM
	VOE1677356	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 3.35 MM
	VOE1677357	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 3.40 MM
	VOE1677358	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 3.45 MM
	VOE1677359	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 3.50 MM
	VOE1677360	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 3.55 MM
	VOE1677361	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 3.60 MM
	VOE1677362	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 3.65 MM
	VOE1677363	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 3.70 MM
	VOE1677364	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 3.75 MM
	VOE1677365	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 3.80 MM
	VOE1677366	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 3.85 MM
	VOE1677367	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 3.90 MM
	VOE1677368	REQ	REQ	REQ	REQ	REQ		K	Shim		THICK 3.95 MM
	VOE11712372	1	1	1	1	1			Shim kit		
27	VOE1677713	6	6						Flange nut		
28	VOE21089229	6	6	6	6	6			Rocker arm		(VOE20738748) INJECTOR
29	VOE1546775	6	6	6	6	6			•Ball stud		
30	VOE1677396	6	6	6	6	6			•Hexagon nut		
31	VOE3964817	12	12	12	12	12			•Jet		
32		12	12	6	6	6			Guide pin		See ref 211/100
33		24	24	24	24	24			Valve spring		See ref 211/100
34	VOE20570748	6	6	6	6				Leaf Spring		
35	VOE21024789	6	6	6			SS		Rocker arm		(VOE20738736) EXHAUST
36	VOE60111964	6	6	6					•Hexagon nut		(VOE13946911)
37	VOE1546458	6	6	6					•Ball stud		

38	VOE20441753	6	6	6					•Ball socket		
39	VOE944364	6	6	6					••O-ring		
40		6	6	6			NS		••Ball socket		
41					6	6			Rocker Arm		EXHAUST See ref 214/150

Date: <b>4/2/2025</b>	Image id: <b>1018621</b>	Catalogue: <b>97821</b>	Model: <b>A40D</b>
Brand: <b>Volvo</b>	Serial: <b>10001-14283, 60001-60286, 70001-70374</b>	Group/Section: <b>214/150</b>	Title: <b>Rocker arm 8188763, 8188767</b>



Volvo Construction  
Equipment  
1018621

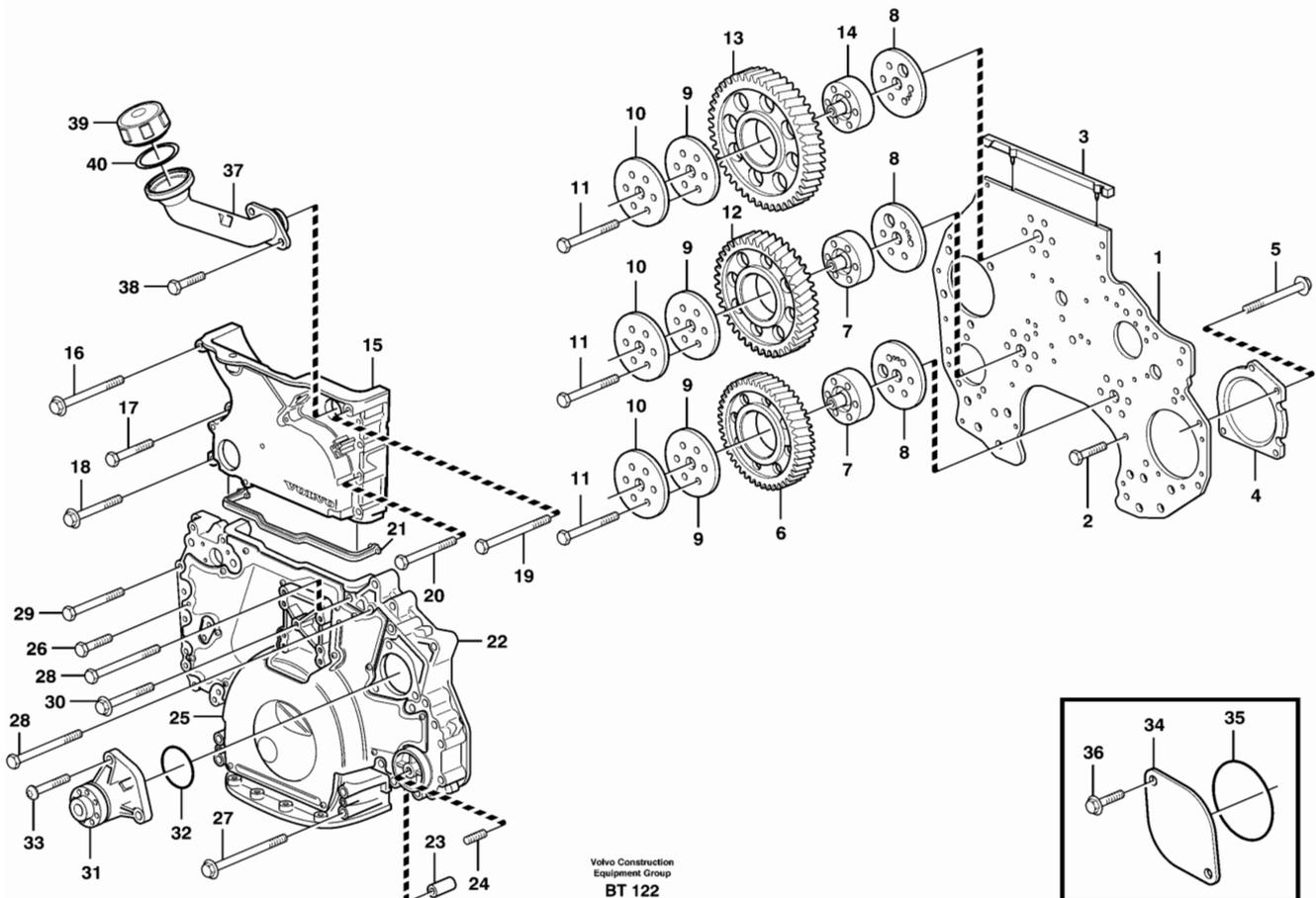
Section option	Kit	Option description
VOE8188763		Engine D12DABE3
VOE8188767		Engine D12DADE3

Q1-Q5	Option	Option description	
Q1 ENG - 530064			
Q2 ENG 530065 - 543587			
Q3 ENG 543588 - 595499			
Q4 ENG 595500 - 603602			
Q5 ENG 603603 -			

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
	VOE20786762	1							Rocker arm		EXHAUST 8188763
	VOE20797883		1				SS		Rocker arm		EXHAUST 8188763

	VOE20837568			1			SS		Rocker arm		EXHAUST 8188763, 8188767
	VOE20849117				1		SS		Rocker arm		EXHAUST 8188763, 8188767
	VOE20941606					1	SS		Rocker arm		EXHAUST 8188763, 8188767
1	VOE20526262	1	1	1	1	1	CS		•Rocker arm		
2	VOE1546458	1	1	1	1	1			•Ball stud		
3	VOE60111964	1	1	1	1	1			•Hexagon nut		(VOE13946911)
	VOE20441753	1	1	1	1				•Ball socket		
4	VOE20441755	1	1	1	1	1	CS		••Ball socket		
5	VOE944364	1	1	1	1	1			••O-ring		
6	VOE20525325	1	1	1	1	1	SS		•Rocker arm		
7	VOE20524954	1	1	1	1	1	CS		•Sleeve		
8	VOE20524958	1	1	1	1	1			•Nut		
9	VOE3964817	1	1	1	1	1			•Jet		
10	VOE20916960	1	1						•Nipple		(VOE20525248)
	VOE20916960			1	1				•Nipple		(VOE20792089)
	VOE20916960					1			•Nipple		

Date: <b>4/2/2025</b>	Image id: <b>BT122</b>	Catalogue: <b>97821</b>	Model: <b>A40D</b>
Brand: <b>Volvo</b>	Serial: <b>10001-14283, 60001-60286, 70001-70374</b>	Group/Section: <b>215/100</b>	Title: <b>Timing gear casing and gears</b>

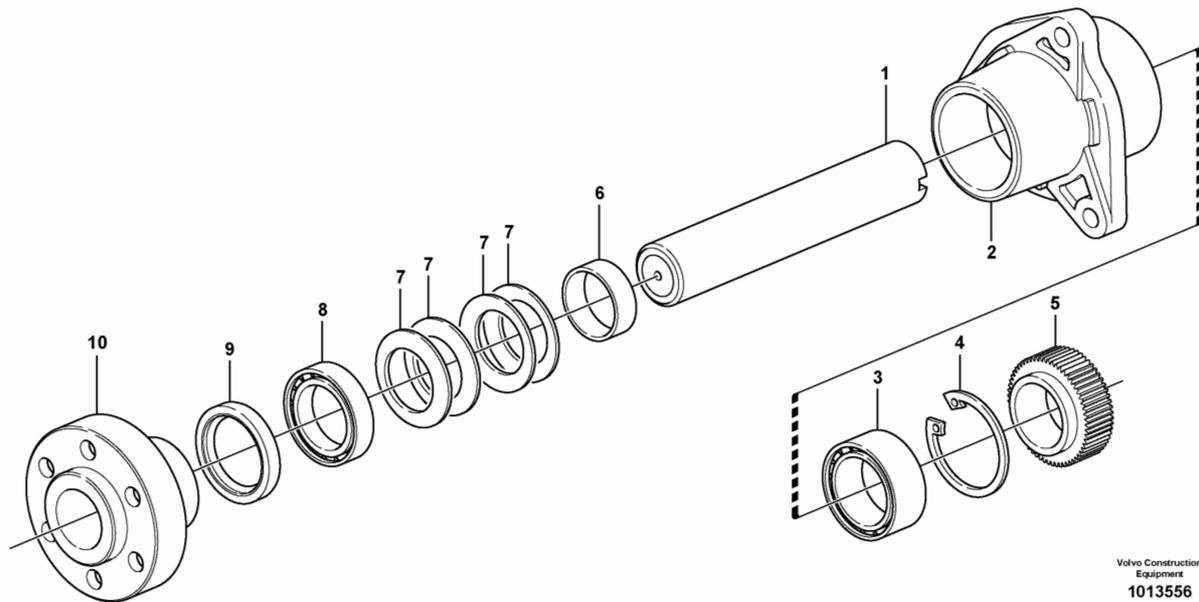


Section option	Kit	Option description
VOE8188166		Engine D12 CAAE2
VOE8188753		Engine D12 DABE2
VOE8188763		Engine D12DABE3
VOE8188776		Engine D12
VOE8188778		Engine D12
VOE8188779		Engine D12

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	VOE3169648	1					SS		Timing gear cover		ENG - 338956
	VOE20713791	1							Timing gear cover		ENG 338957 -
	VOE3830184	1							Seal		ENG 338957 -
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		(VOE8170452)
		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		
38	VOE60113080	2							Flange screw		(VOE13946173)
39	VOE11423437	1							Oil filler cap		(VOE1275403)
40	VOE1275379	1							•Gasket		(VOE940096)

Date: <b>4/2/2025</b>	Image id: <b>1013556</b>	Catalogue: <b>97821</b>	Model: <b>A40D</b>
Brand: <b>Volvo</b>	Serial: <b>10001-14283, 60001-60286, 70001-70374</b>	Group/Section: <b>215/125</b>	Title: <b>Driving device</b>



Volvo Construction  
Equipment  
1013556

Section option	Kit	Option description
VOE8188166		Engine D12 CAAE2
VOE8188753		Engine D12 DABE2
VOE8188763		Engine D12DABE3
VOE8188776		Engine D12
VOE8188778		Engine D12
VOE8188779		Engine D12

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		

Product: Volvo A40D Articulated Haulers Part Manual

Full Download: <https://www.aresairmanual.com/downloads/volvo-a40d-articulated-haulers-part-manual/>

7	VOE1677558	4							•Disc spring		
8	VOE7011013	1							•Bearing		
9	VOE1546480	1							•Sealing ring		
10	VOE1547846	1					CS		•Hub		

Sample of manual. Download All 736 pages at:

<https://www.aresairmanual.com/downloads/volvo-a40d-articulated-haulers-part-manual/>