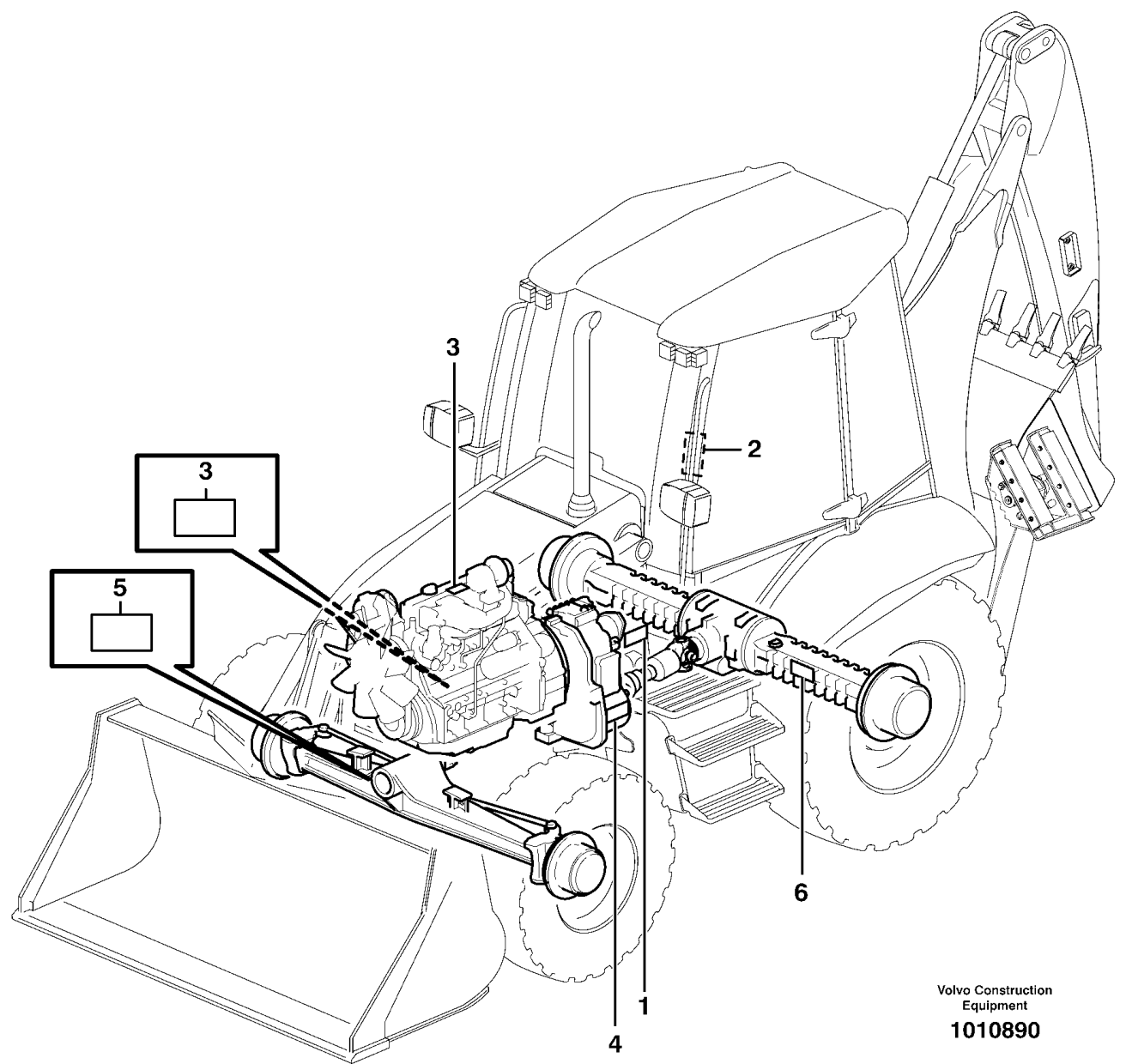
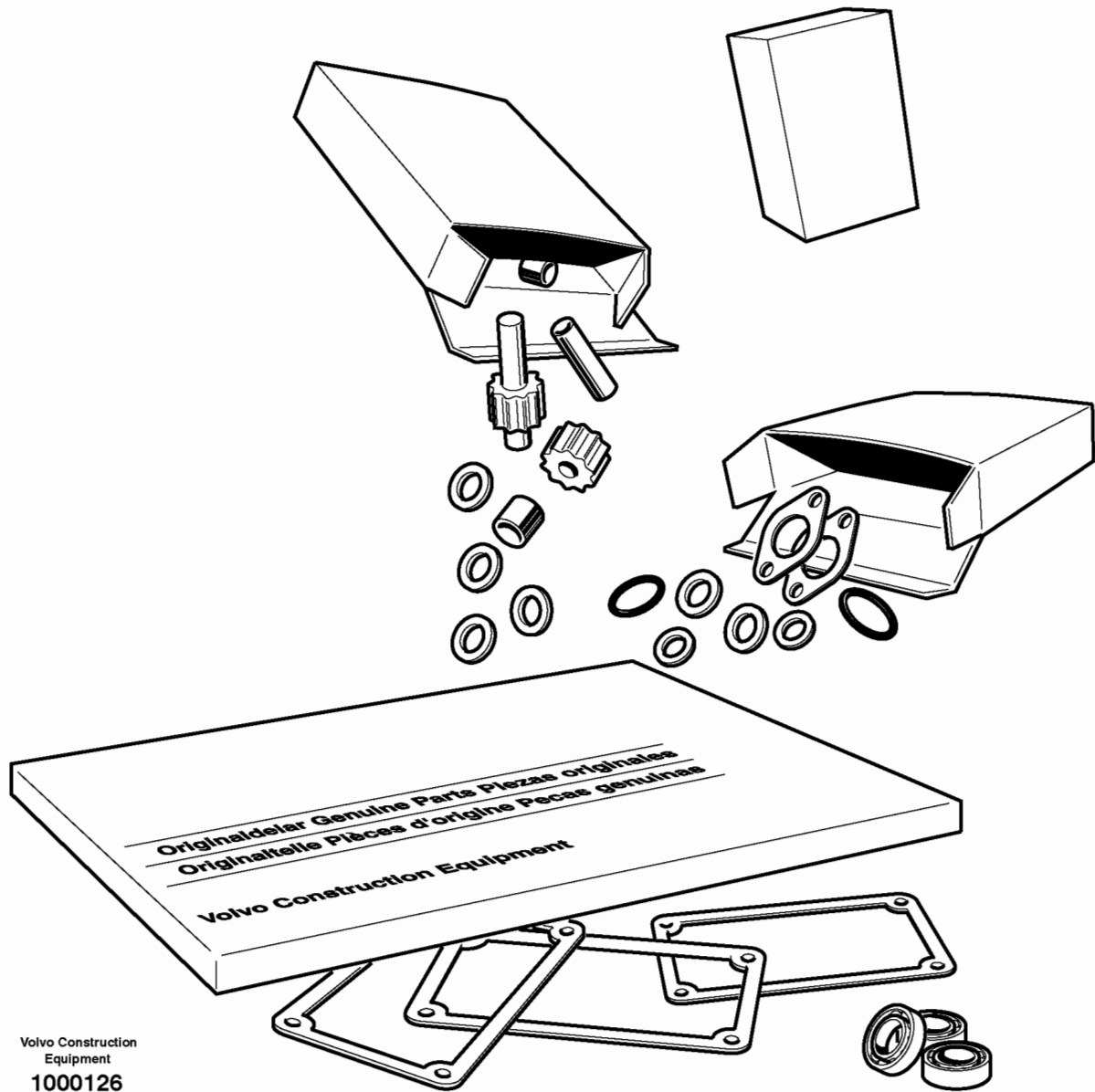


Date: 4/15/2025	Image id: 1010890	Catalogue: 20159	Model: BL70
Brand: Volvo	Serial: 11489-	Group/Section: 030/100	Title: Product identification plate



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									Drive axle front sign plate		
6									Drive axle rear sign plate		

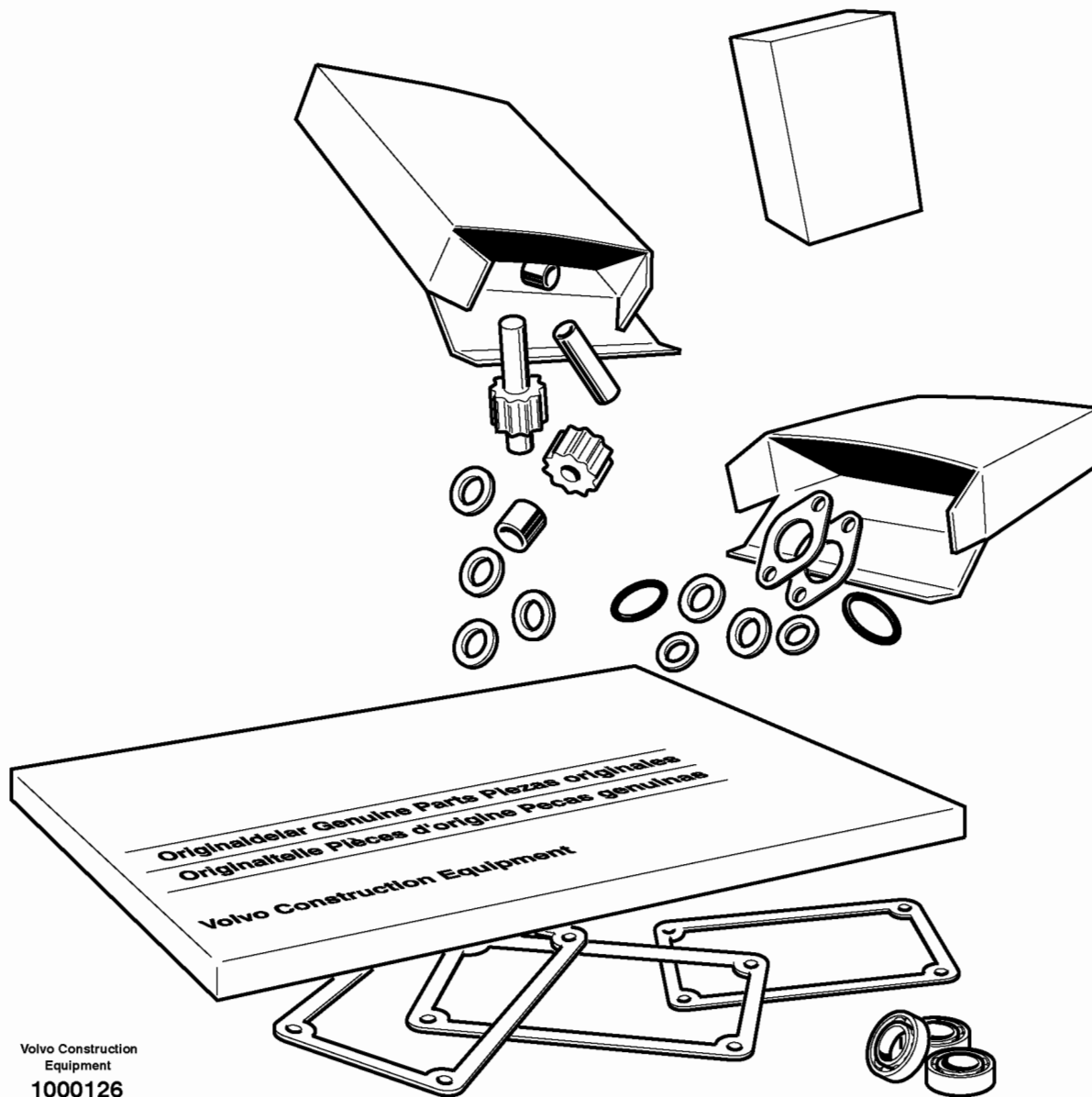
Date: 4/15/2025	Image id: 1000126	Catalogue: 20159	Model: BL70
Brand: Volvo	Serial: 11489-	Group/Section: 210/50	Title: Repair kits for engine



Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
	VOE15038635	1							Overhaul kit		
	VOE15038630	1							•Cylinder head kit		See ref 210/60
	VOE20865990	1							•Cyl Liner Kit		See ref 213/100
	VOE20405747	1							•Gasket		
	VOE20405843	1							•Gasket		
	VOE20405888	1							•Gasket		
	VOE21306356	1							•Lip seal		(VOE21486084)
	VOE21486081	1							•Lip seal		
	VOE21679835	1							•Gasket		

	VOE20792162	2							•O-ring		
	VOE20798076	1							•O-ring		
	VOE20405691	1							•Gasket		
	VOE20405728	1							•Sealing ring		
	VOE20405907	4							•Sealing ring		

Date: 4/15/2025	Image id: 1000126	Catalogue: 20159	Model: BL70
Brand: Volvo	Serial: 11489-	Group/Section: 210/60	Title: Repair kits for engine

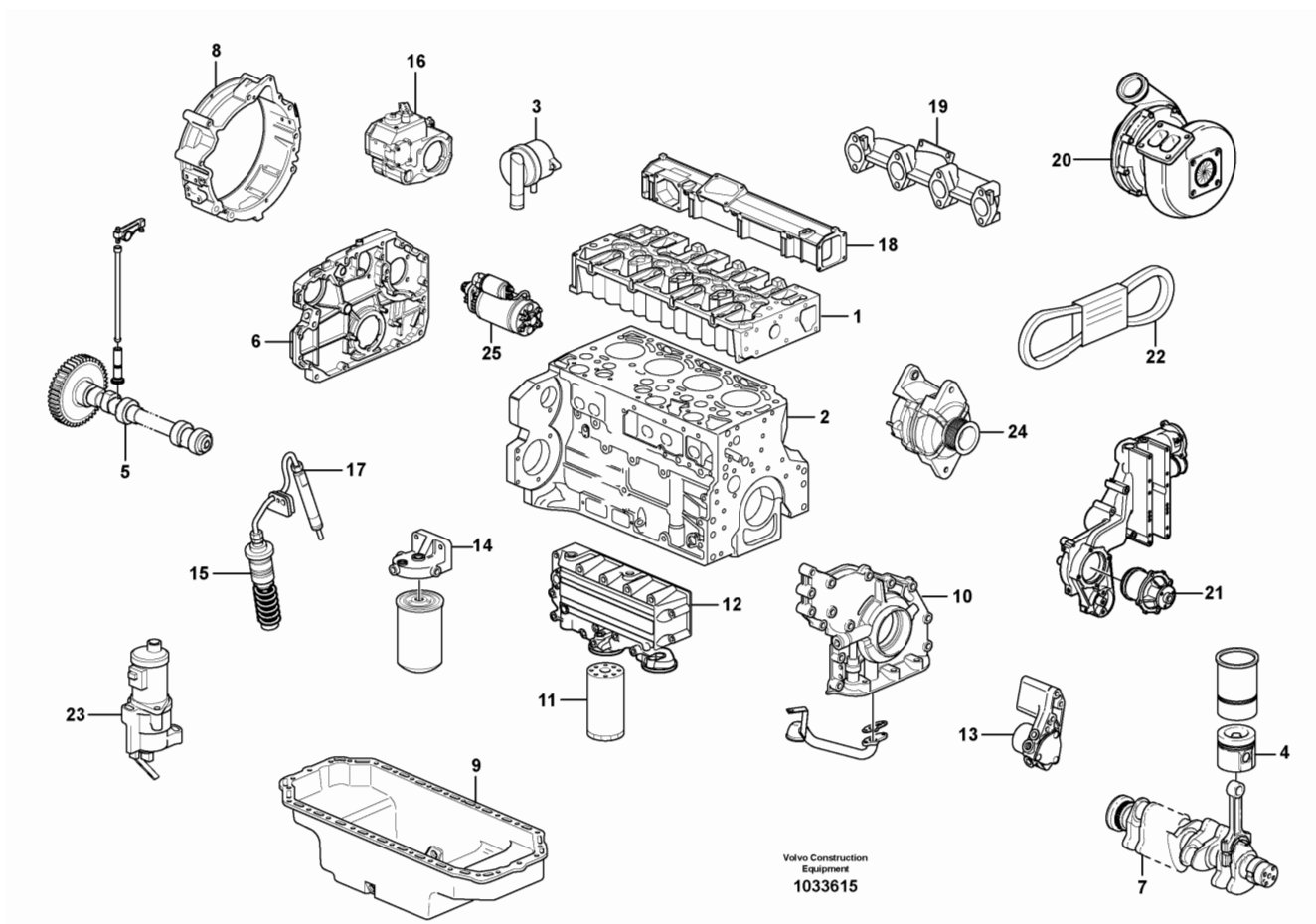


Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
	VOE15038630								Cylinder head kit		
	VOE11700334	18							•Screw		
	VOE11700348	8							•O-ring		
	VOE13947281	4							•Gasket		
	VOE13947621	2							•Plane gasket		
	VOE23935512	8							•Valve guide		(VOE20405897)See footnote 4914)
	VOE20459172	1							•Sealing ring		
	VOE20505959	8							•Hexagon nut		

	VOE20559834	1					SS		•Gasket		
	VOE21456567	8					SS		•Stud		
	VOE20591706	2					SS		•Gasket		
	VOE20798827	4							•O-ring		
	VOE20799064	4							•Sealing ring		
	VOE20847865	8							•Spacer Sleeve		
	VOE23479847	1							•Gasket		(VOE20858564)
	VOE20933261	4							•Gasket		
	VOE20970720	1							•Cylinder head gasket		
	VOE20970725	1							•Cylinder head gasket		
	VOE20972267	1							•Valve gasket		
	VOE21108676	2							•Sealing ring		(VOE21022796)
	VOE21027485	1							•Gasket		
	VOE21364297	2							•Pressure pipe		
	VOE21364344	1							•Pressure pipe		
	VOE21364346	1							•Pressure pipe		
	VOE21364335	2							•Pressure pipe		
	VOE993677	1							•Gasket		
	VOE11700426	4							•Sealing ring		
	VOE20405567	4							•Delivery pipe		
	VOE20405769	1							•Sealing ring		
	VOE20412325	2							•Sealing ring		
	VOE20729227	4							•Sealing ring		
	VOE21087699	2							•O-ring		
	VOE21108673	3							•Sealing ring		
	VOE21154146	1							•Sleeve		

4914) The final machining of the valve guides needs to be performed in combination with the related cylinder head and valves.

Date: 4/15/2025	Image id: 1033615	Catalogue: 20159	Model: BL70
Brand: Volvo	Serial: 11489-	Group/Section: 210/100	Title: Engine 11895378

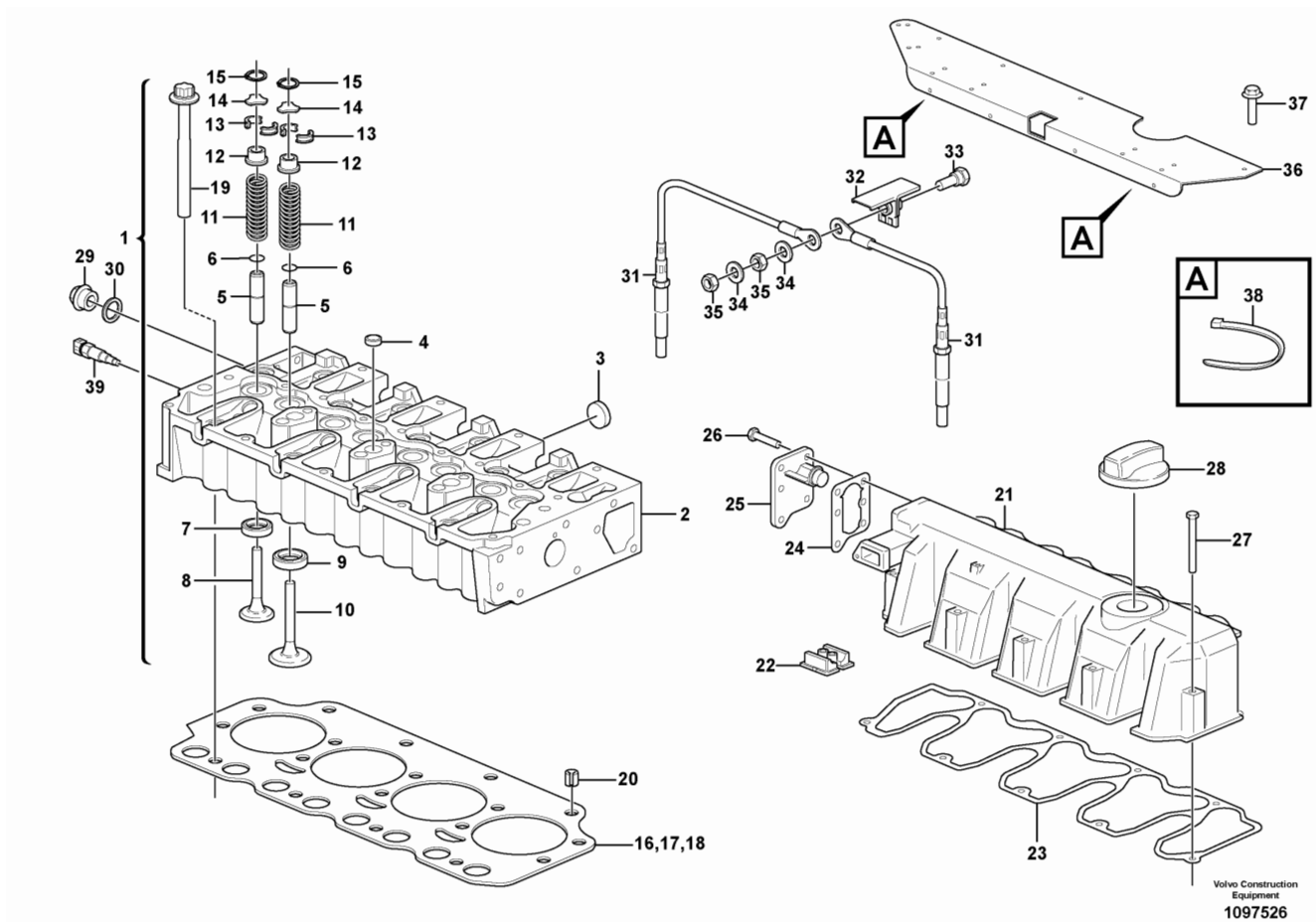


Section option	Kit	Option description
VOE11895378		Engine D5D CDE3, 68KW/91HP

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
	VOE15030544	1					SS		Engine		D5D CDE3, REMAN VOE9015030544, VOE9016212924
	VOE16212924	1							Engine		D5D CDE3, REMAN VOE9016212924
1		1							•Cylinder head		See ref 211/100
2		1							•Crankcase		See ref 212/100
3		1							•Crankcase ventilation		See ref 212/150
4		1							•Piston		See ref 213/100
5		1							•Valve mechanism		See ref 214/100
6		1							•Timing gear casing		See ref 215/100
7		1							•Crankshaft		See ref 216/100
8		1							•Flywheel Hsg		See ref 216/150

9		1							•Oil sump		See ref 217/100
10		1							•Lubricating system		See ref 221/100
11		1							•Oil filter		See ref 222/100
12		1							•Oil cooler		See ref 223/100
13		1							•Fuel pump		See ref 233/100
14		1							•Fuel Filter		See ref 233/150
15		1							•Injection pump		See ref 236/100
16		1							•Regulator		See ref 236/150
17		1							•Injector		See ref 237/100
18		1							•Inlet Manifold		See ref 251/100
19		1							•Exhaust pipe		See ref 251/100
20		1							•Turbocharger		See ref 255/100
21		1							•Coolant Pump		See ref 262/100
22		1							•Belt Xmsn		See ref 263/150
23		1							•Stop solenoid		See ref 273/100
24		1							•Alternator		See ref 321/100
25		1							•Starter motor		See ref 331/100

Date: 4/15/2025	Image id: 1097526	Catalogue: 20159	Model: BL70
Brand: Volvo	Serial: 11489-	Group/Section: 211/100	Title: Cylinder head 11895378



Section option	Kit	Option description
VOE11895378		Engine D5D CDE3, 68KW/91HP

Q1-Q5	Option	Option description	
Q1 ENG -12224643			
Q2 ENG 12224644-			

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE21147059	1					SS		Cylinder head		REMAN VOE9021147059, VOE9023095566
1	VOE23095566		1						Cylinder head		REMAN VOE9023095566
2		1					NS		•Cylinder head		
2	VOE23095579		1						•Cylinder head		
3	VOE20799722	3							••Plug		
4	VOE20412733	3							••Core plug		

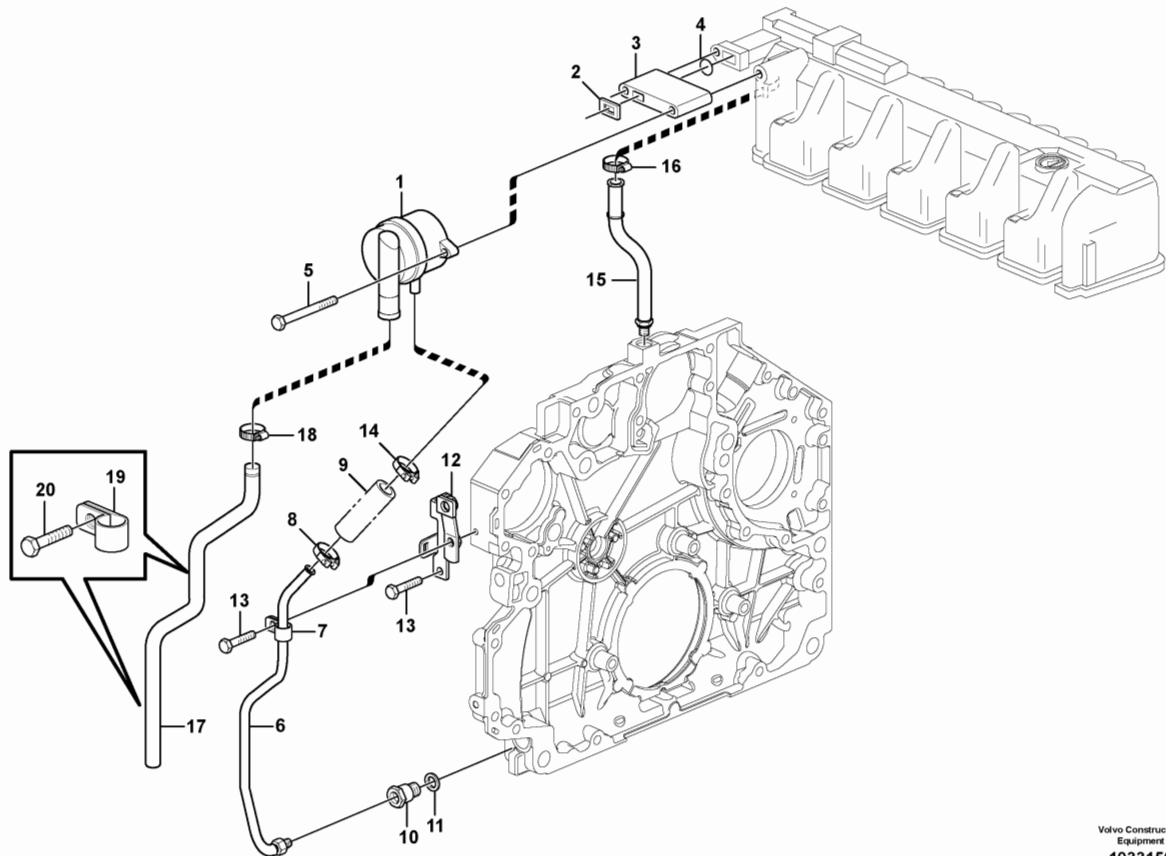
5	VOE23935512	8						••Valve guide		(VOE20405897)See footnote 4914)
6	VOE11700348	8						••O-ring		
7	VOE20845144	4	4					•Valve seat		
8	VOE21739130	4	4					•Exhaust valve		(VOE20755883)
9	VOE20459962	4	4					•Valve seat		
10	VOE20758481	4	4					•Inlet valve		
11	VOE11700347	8	8					•Valve spring		
12	VOE20847155	8	8					•Retainer		
13	VOE11700345	16	16					•Valve sleeve		
14	VOE20840807	8	8					•Thrust washer		
15	VOE20840772	8	8					•Lock ring		
16		1	1				NS	Cyl Head Gasket		1 BORE THICK = 1,4 MM
17	VOE20970720	1	1					Cylinder head gasket		2 BORES THICK = 1,5 MM
18	VOE20970725	1	1					Cylinder head gasket		3 BORES THICK = 1,6 MM
19	VOE11700334	18	18					Screw		
20	VOE20405521	2	2					Guide pin		
21	VOE21455723	1	1				SS	Valve cover		(VOE21134652)
22	VOE20412600	1	1					•Cap		
23	VOE20972267	1	1					•Valve gasket		
24	VOE20840801	1	1					•Gasket		
25	VOE20933359	1	1					•Oil Separator		
26	VOE20797542	6	6					•Hexagon screw		
27	VOE22278501	9	9					•Hexagon screw		(VOE21145471)
28	VOE20412589	1	1					Filler cap		
29	VOE960628	1	1					Plug		
30	VOE13947281	1	1					Gasket		
31	VOE21291286	1	1					Glow plug		(VOE20924080)
32	VOE20711847	1	1					Cable Clamp		
33	VOE20580716	1	1					Terminal Screw		
34	VOE60113297	2	2					Washer		(VOE973494)
35	VOE20460344	2	2					Hexagon nut		
36	VOE21088654	1	1					Cover plate		
37	VOE20460055	2	2					Screw		
38	VOE4881440	6	6					Cable tie		
39	VOE20924086	1	1					Sensor		

4914) The final machining of the valve guides needs to be performed in combination with the related cylinder head and valves.

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE20555442	1							Crankcase		
2	VOE11700285	1							•Bearing bushing		
3	VOE11700284	4							•Bearing bushing		
4	VOE20405721	6							•Core plug		
5	VOE20508600	2							•Plug		
6	VOE20405716	2							•Plug		
7	VOE13969011	4							•Gasket		
8	VOE945065	2							•Plug		
9	VOE20785813	1							•Plug		
10	VOE20405719	1							•Plug		
11	VOE20405717	1							•Plug		
12	VOE20405584	1							•Guide sleeve		
13	VOE20405583	10							•Bolt		

[illegible]

Date: 4/15/2025	Image id: 1033156	Catalogue: 20159	Model: BL70
Brand: Volvo	Serial: 11489-	Group/Section: 212/150	Title: Crankcase ventilation 11895378



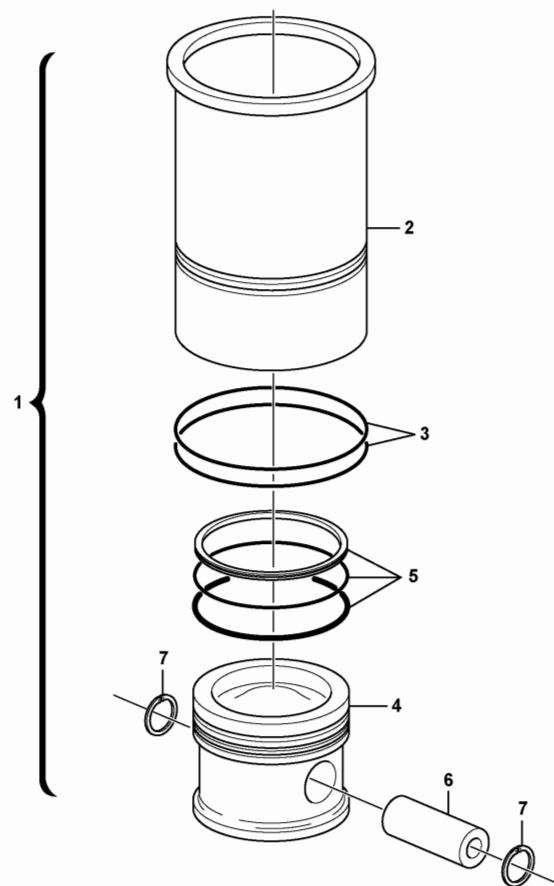
Volvo Construction
Equipment
1033156

Section option	Kit	Option description
VOE11895378		Engine D5D CDE3, 68KW/91HP

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE20930510	1							Oil separator		E PROD
1	VOE20930510	1							Oil separator		(VOE22244657)L PROD
2	VOE21038626	1							•Plane gasket		
3	VOE21248205	1							Adapter		(VOE21155194)
4	VOE21155195	1							Seal		
5	VOE20792140	2							Hexagon screw		
6	VOE22253983	1							Oil line		(VOE21155219)
7	VOE20798831	1							•Attaching clamp		
8	VOE20971607	2							•Hose clamp		
9	VOE20849878	1							•Hose		
10	VOE21496705	1							Drain valve		(VOE20841133)
11	VOE20460026	1							Sealing ring		
12	VOE21155220	1							Retaining plate		

13	VOE20405729	2						Screw		
14	VOE20971607	1						Hose clamp		
15	VOE20971646	1						Oil return pipe		
16	VOE20799673	1						Hose clamp		
17	VOE21155285	1						Tube		
18	VOE20405755	1						Clamping band		
19	VOE20798837	2						Attaching clamp		
20	VOE20405885	2						Screw		

Date: 4/15/2025	Image id: 1026946	Catalogue: 20159	Model: BL70
Brand: Volvo	Serial: 11489-	Group/Section: 213/100	Title: Cylinder liner and piston 11895378

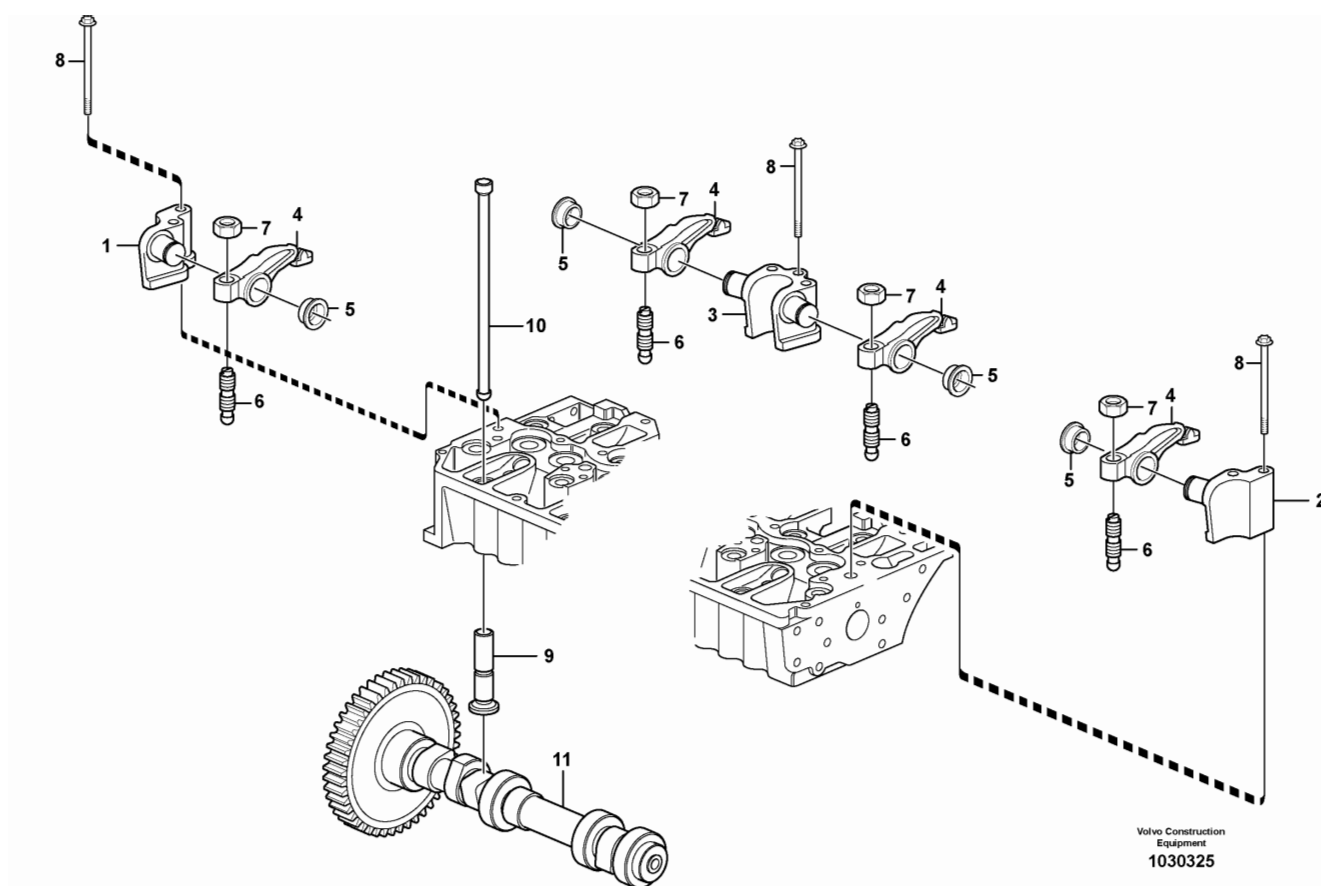


Volvo Construction
Equipment
1026946

Section option	Kit	Option description
VOE11895378		Engine D5D CDE3, 68KW/91HP

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE20865990	4							Cyl Liner Kit		
2		4					NS		•Cylinder Liner		
3	VOE20412762	8							•O-ring		
4		4					NS		•Piston		
5	VOE21299547	4							•Piston ring kit		(VOE20450775)
6	VOE20405577	4							•Gudgeon pin		
7	VOE20405576	8							•Snap ring		

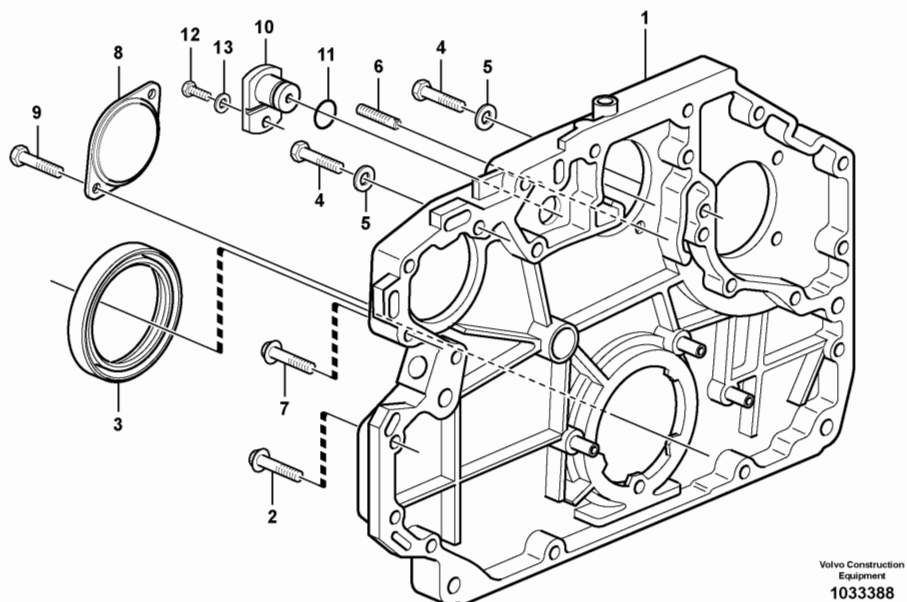
Date: 4/15/2025	Image id: 1030325	Catalogue: 20159	Model: BL70
Brand: Volvo	Serial: 11489-	Group/Section: 214/100	Title: Valve mechanism 11895378



Section option	Kit	Option description
VOE11895378		Engine D5D CDE3, 68KW/91HP

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE20805520	1					SS		Rocker arm shaft		
2	VOE23101955	1							Bracket		(VOE20805512)
3	VOE23102364	3							Bracket		(VOE20805516)
4	VOE21448926	8							Rocker arm		(VOE20792876)
5	VOE20794115	8							Retaining ring		
6	VOE20913851	8							Adjusting Screw		
7	VOE11700373	8							Nut		
8	VOE20405723	10							Screw		
9	VOE11700366	8							Tappet		
10	VOE21456429	8							Push rod		(VOE20405534)
11	VOE22380260	1							Camshaft		(VOE21147012)

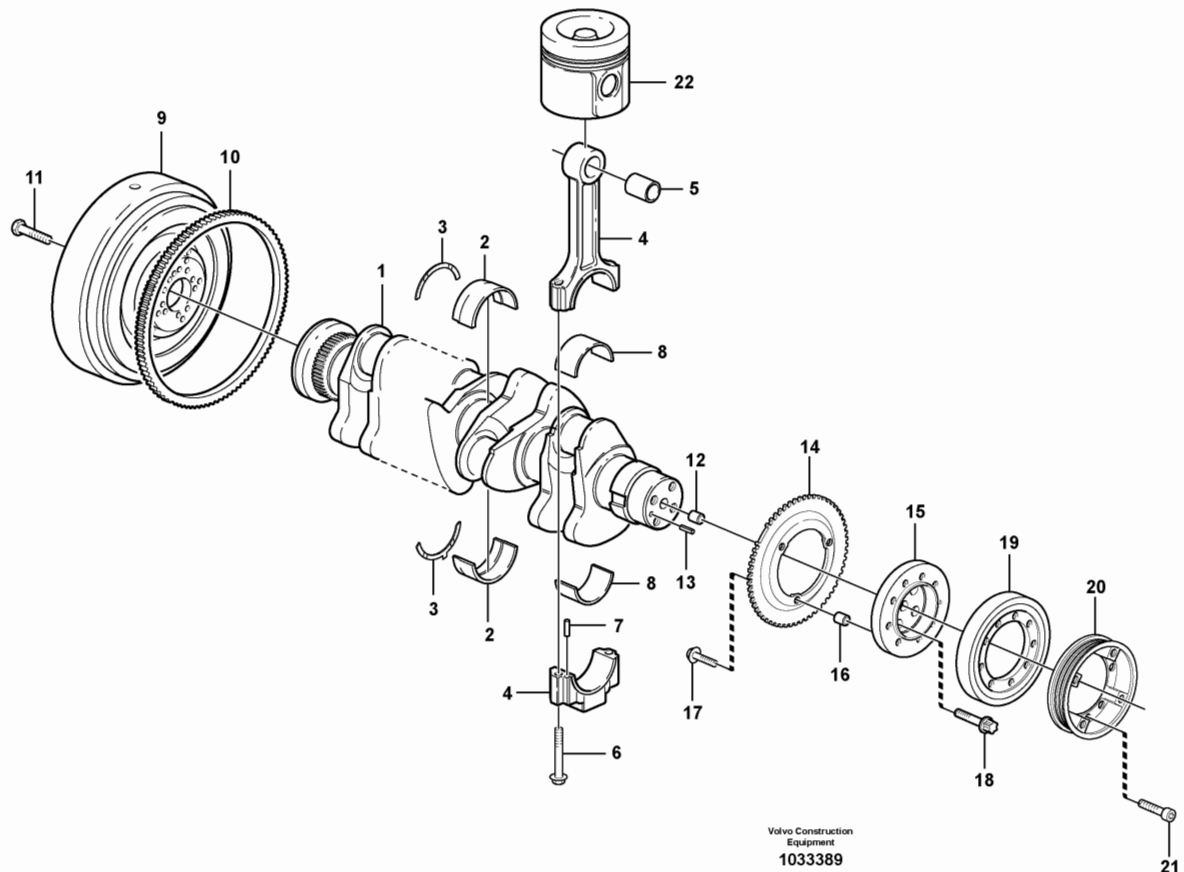
Date: 4/15/2025	Image id: 1033388	Catalogue: 20159	Model: BL70
Brand: Volvo	Serial: 11489-	Group/Section: 215/100	Title: Timing gear casing 11895378



Section option	Kit	Option description
VOE11895378		Engine D5D CDE3, 68KW/91HP

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE22361389	1							Gear		(VOE21155415)
2	VOE20412324	12							Screw		
3	VOE21306356	1							Lip seal		(VOE20412286)
4	VOE20405653	2							Screw		
5	VOE13955900	2							Washer		
6	VOE20450795	1							Set screw		
7	VOE20405709	1							Screw		
8	VOE22610639	1							Cover		(VOE20950063)
9	VOE20405709	2							Screw		
10	VOE20405553	1							Cover		
11	VOE20459904	1							Sealing ring		
12	VOE20450694	1							Screw		
13	VOE60113297	1							Washer		(VOE973494)

Date: 4/15/2025	Image id: 1033389	Catalogue: 20159	Model: BL70
Brand: Volvo	Serial: 11489-	Group/Section: 216/100	Title: Crankshaft and related parts ENG - 10710118



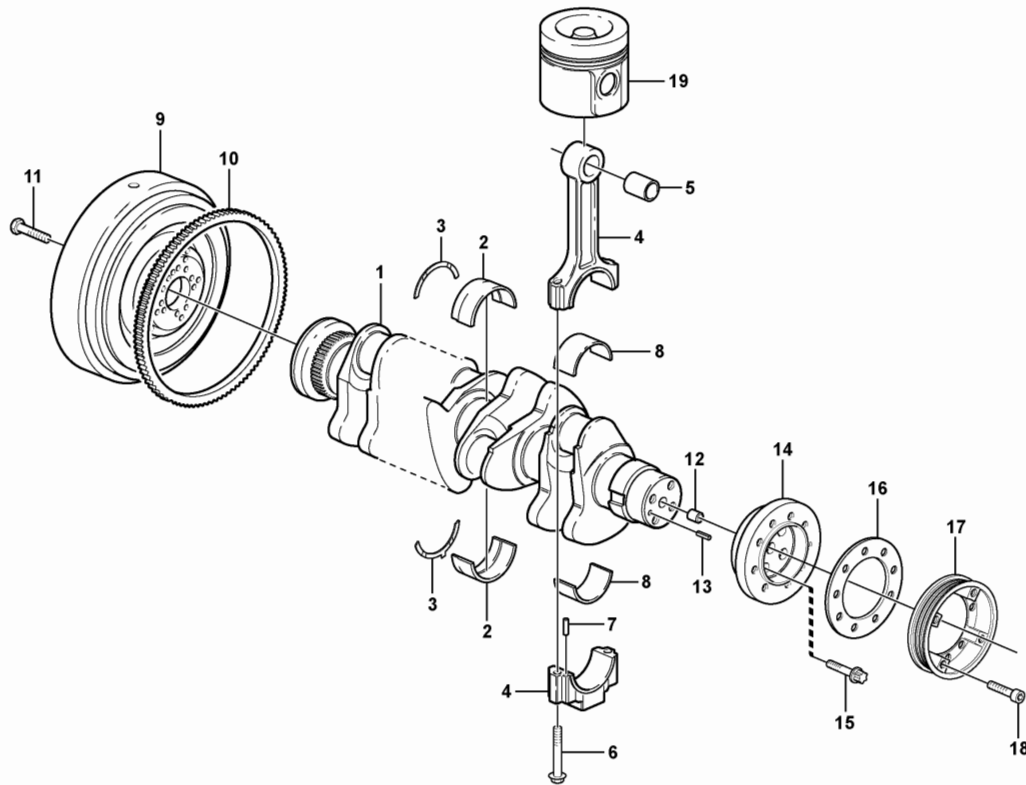
Section option	Kit	Option description
VOE11895378		Engine D5D CDE3, 68KW/91HP

Q1-Q5	Option	Option description	
Q1 11895378	VOE11895378	Engine D5D CDE3, 68KW/91HP	

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE21264836	1							Crankshaft		(VOE20900811), REMAN VOE9020900811, VOE9021264836
2	VOE21141948	5							Main bearing		(VOE20405516)STD 85,00 MM
2	VOE21234191	REQ							Main bearing		(VOE20405529)U SZ 84,75 MM
2	VOE20405541	REQ							Main bearing		U SZ 84,50 MM
3	VOE20405899	1					SS		Thrust Washer		STD 2,9 MM
3	VOE21141963	REQ							Thrust washer		(VOE11700315)O SZ 3,1 MM

4	VOE20585982	4						Connecting rod		
5	VOE11700325	4						•Bushing		
6	VOE11700326	8						•Bolt		
7	VOE20459134	8						•Pin		
8	VOE20766790	4						Big-end Bearing		STD 68,00 MM
8	VOE20790423	REQ						Big-end Bearing		U SZ 67,75 MM
8	VOE20790428	REQ						Big-end Bearing		U SZ 67,50 MM
9	VOE20459124	1						Flywheel		
10	VOE21033328	1						•Starter gear ring		
11	VOE20405654	10						Bolt		
12	VOE20405634	1						Spring pin		
13	VOE20450628	1						Pin		
14	VOE20972333	1						Lock washer		
15	VOE21025184	1						Flange		
16	VOE20450838	3						Pin		
17	VOE975108	3						Flange screw		(VOE888289)
18	VOE20405724	4						Screw		
19	VOE20459925	1						Vibration absorber		
20	VOE21025201	1						V-belt pulley		
21	VOE21025208	6						Hex. socket screw		
22		1						Piston		See ref 213/100

Date: 4/15/2025	Image id: 1055484	Catalogue: 20159	Model: BL70
Brand: Volvo	Serial: 11489-	Group/Section: 216/110	Title: Crankshaft and related parts ENG 10710119 -



Volvo Construction
Equipment
1055484

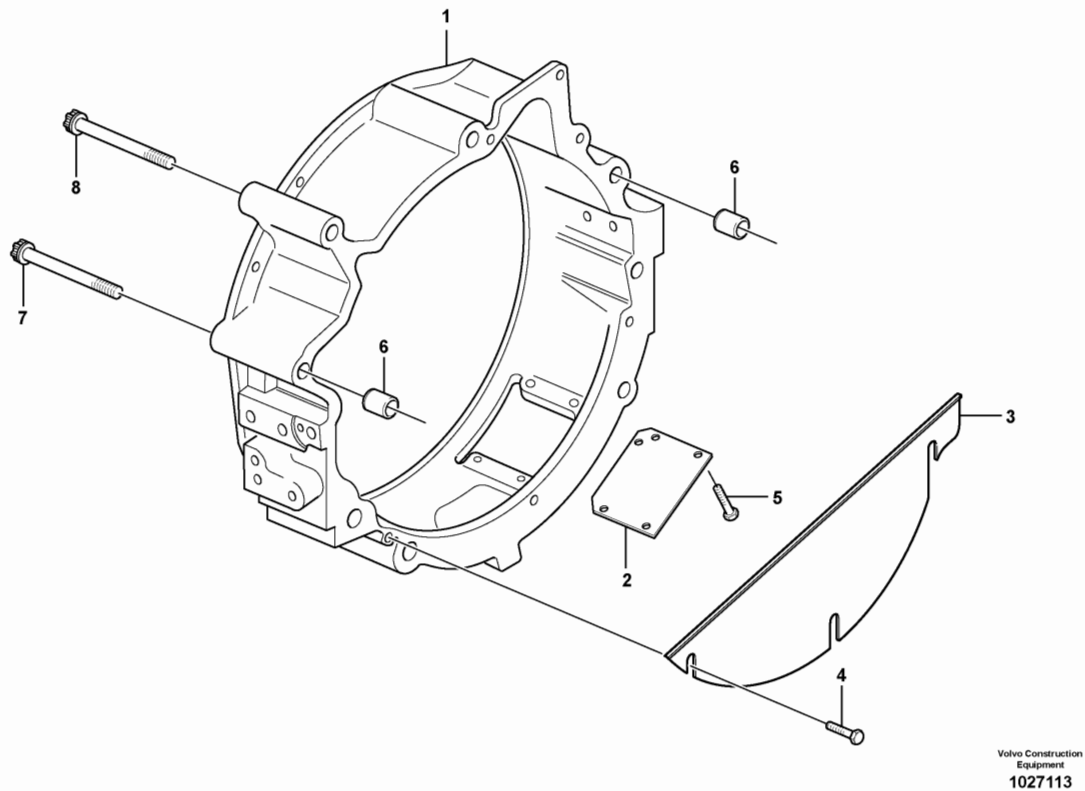
Section option	Kit	Option description
VOE11895378		Engine D5D CDE3, 68KW/91HP

Q1-Q5	Option	Option description	
Q1 11895378	VOE11895378	Engine D5D CDE3, 68KW/91HP	

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE21264836	1							Crankshaft		(VOE20900811), REMAN VOE9020900811, VOE9021264836
2	VOE21141948	5							Main bearing		(VOE20405516)STD 85,00 MM
2	VOE21234191	REQ							Main bearing		(VOE20405529)U SZ 84,75 MM
2	VOE20405541	REQ							Main bearing		U SZ 84,50 MM
3	VOE20405899	1					SS		Thrust Washer		STD 2,9 MM
3	VOE21141963	REQ							Thrust washer		(VOE11700315)O SZ 3,1 MM

4	VOE20585982	4						Connecting rod		
5	VOE11700325	4						•Bushing		
6	VOE11700326	8						•Bolt		
7	VOE20459134	8						•Pin		
8	VOE20766790	4						Big-end Bearing		STD 68,00 MM
8	VOE20790423	REQ						Big-end Bearing		U SZ 67,75 MM
8	VOE20790428	REQ						Big-end Bearing		U SZ 67,50 MM
9	VOE20459124	1						Flywheel		
10	VOE23068179	1					SS	•Starter gear ring		
11	VOE20405654	10						Bolt		
12	VOE20405634	1						Spring pin		
13	VOE20450628	1						Pin		
14	VOE21025184	1						Flange		
15	VOE20405724	4						Screw		
16	VOE20460800	1						Washer		
17	VOE21025201	1						V-belt pulley		
18	VOE21025208	6						Hex. socket screw		
19		1						Piston		See ref 213/100

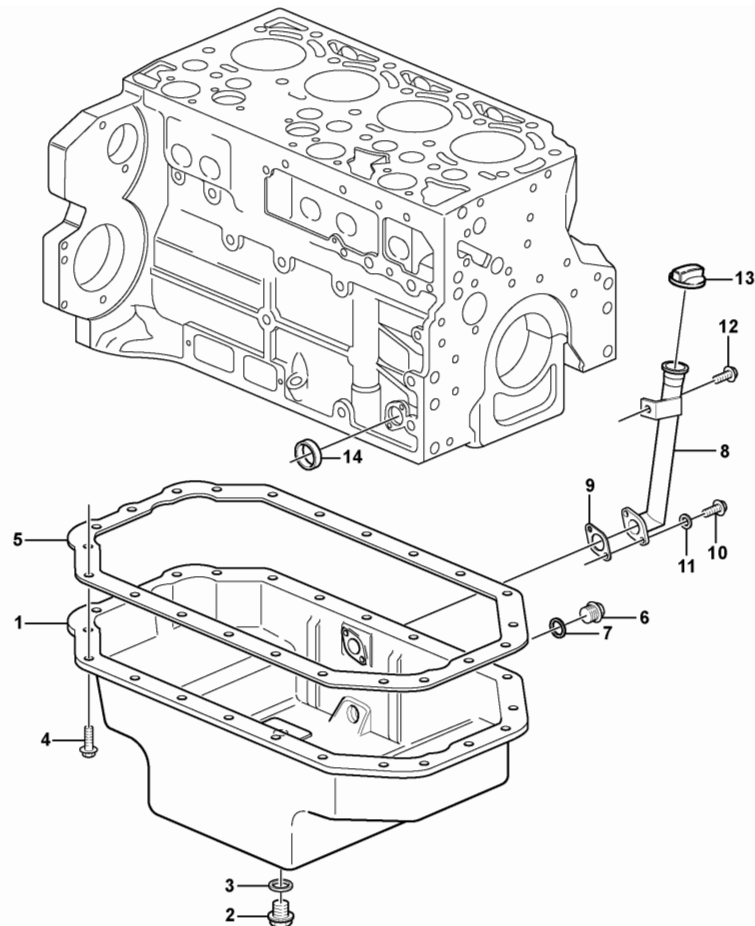
Date: 4/15/2025	Image id: 1027113	Catalogue: 20159	Model: BL70
Brand: Volvo	Serial: 11489-	Group/Section: 216/150	Title: Flywheel housing 11895378



Section option	Kit	Option description
VOE11895378		Engine D5D CDE3, 68KW/91HP

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE21044436	1							Flywheel housing		
2	VOE20547288	1							•Cover Plate		
3	VOE20459989	1							•Cover		
4	VOE20405729	3							•Screw		
5	VOE20405729	4							•Screw		
6	VOE21455862	2							Bushing		(VOE20585971)
7	VOE20405714	2							Screw		M12X160
8	VOE20405715	4							Screw		M16X150

Date: 4/15/2025	Image id: 1033405	Catalogue: 20159	Model: BL70
Brand: Volvo	Serial: 11489-	Group/Section: 217/100	Title: Oil sump 11895378



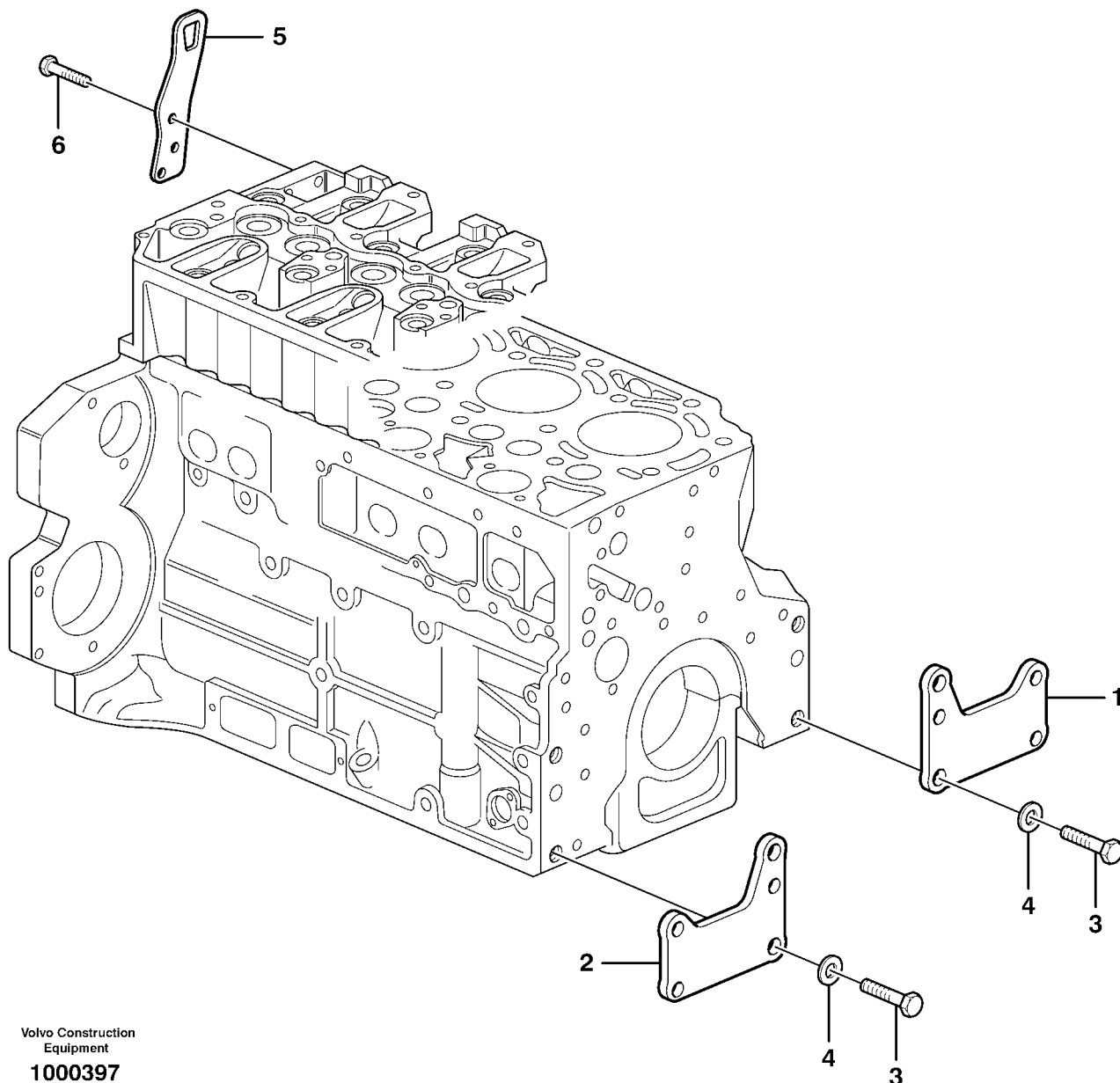
Volvo Construction
Equipment
1033405

Section option	Kit	Option description
VOE11895378		Engine D5D CDE3, 68KW/91HP

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE21024688	1							Oil pan		(VOE21099766)
2	VOE20515171	1							Plug		
3	VOE20515173	1							Gasket		
4	VOE20405792	26							Screw		
5	VOE20405843	1							Gasket		
6	VOE60112461	1							Plug		(VOE20405506)
6	VOE22879098	1							Drain valve		(VOE20450851)
7	VOE993679	1							Gasket		
8	VOE21155300	1							Filler		
9	VOE20405825	1							Gasket		
10	VOE13949578	2					SS		Screw		
11	VOE993278	2							Gasket		
12	VOE20405792	1							Screw		

13	VOE21147619	1							Filler cap		
14	VOE20412745	1							Core plug		

Date: 4/15/2025	Image id: 1000397	Catalogue: 20159	Model: BL70
Brand: Volvo	Serial: 11489-	Group/Section: 218/100	Title: Engine mounting 11895378

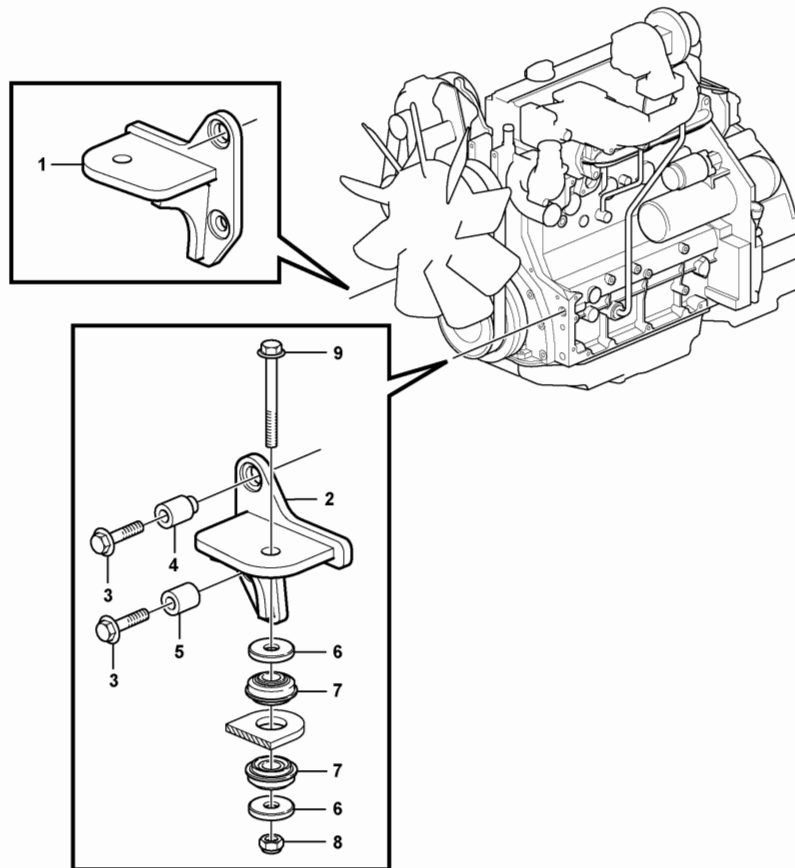


Section option	Kit	Option description
VOE11895378		Engine D5D CDE3, 68KW/91HP

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE20723978	1							Bracket		
2	VOE20723984	1							Bracket		
3	VOE20535027	4							Screw		
4	VOE20405606	4							Washer		
5	VOE20450854	2							Lifting eye		

6	VOE996813	6						Flange screw		(VOE20450756)
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Date: 4/15/2025	Image id: 1056321	Catalogue: 20159	Model: BL70
Brand: Volvo	Serial: 11489-	Group/Section: 218/150	Title: Engine suspension. 11895034, 11895035

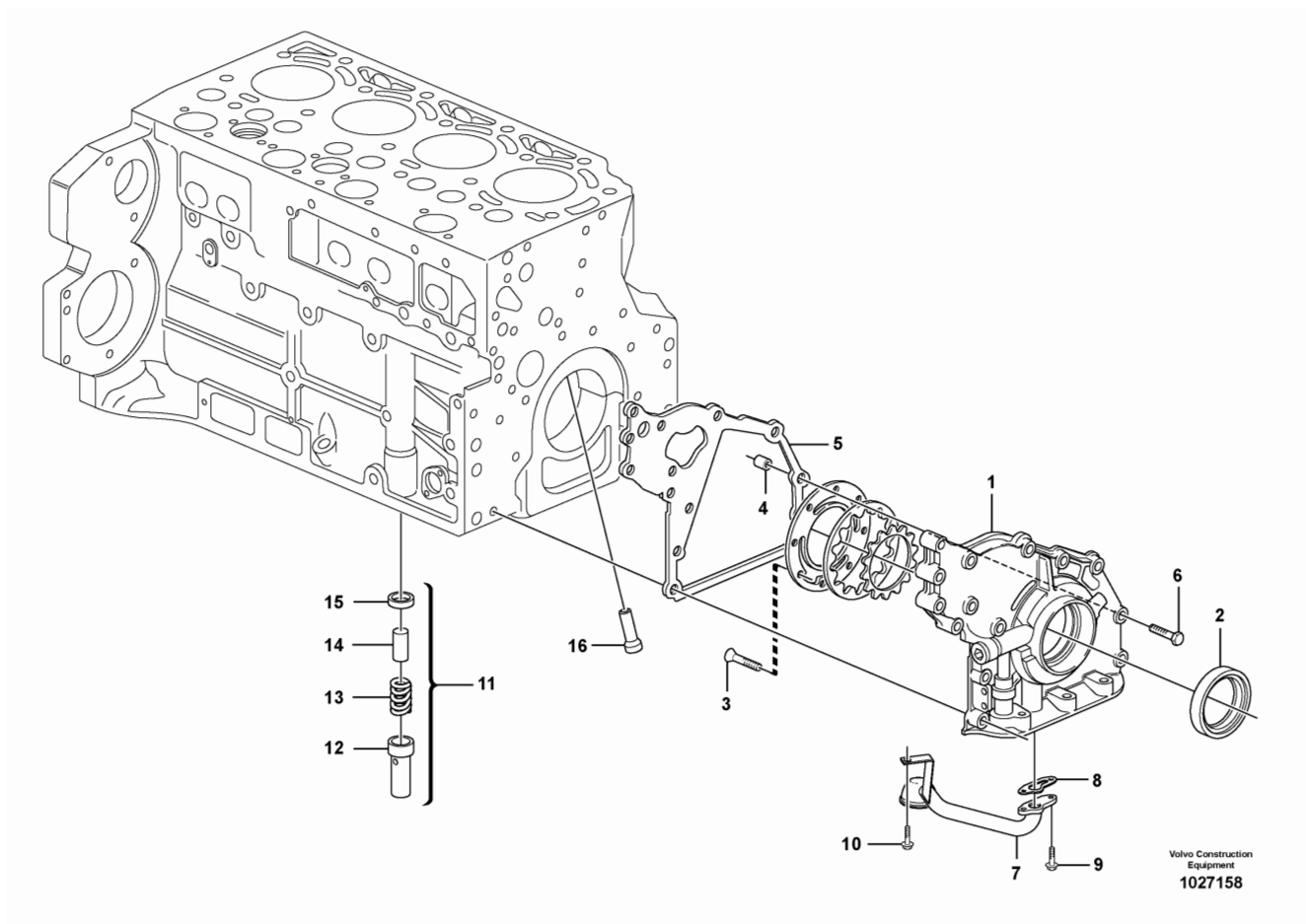


Volvo Construction
Equipment
1056321

Section option	Kit	Option description
VOE11895034		Transmission 4wd powershift
VOE11895035		Transmission 4wd powershuttle

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE15605379	1							Engine anchorage		
2	VOE15605382	1							Engine anchorage		
3	VOE60113129	4							Flange screw		(VOE13968302)
4	VOE15605372	2							Spacer		
5	VOE15605374	2							Spacer		
6	VOE11884792	4							Washer		
7	VOE15604957	4							Engine suspension		
8	VOE13963110	2							Lock nut		
9	VOE60113134	2							Flange screw		(VOE968593)

Date: 4/15/2025	Image id: 1027158	Catalogue: 20159	Model: BL70
Brand: Volvo	Serial: 11489-	Group/Section: 221/100	Title: Lubricating oil system 11895378

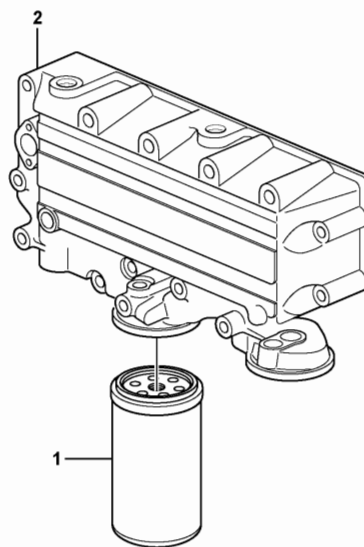


Section option	Kit	Option description
VOE11895378		Engine D5D CDE3, 68KW/91HP

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE23171014	1							Front Cover		(VOE20882047)
2	VOE21486081	1							•Lip seal		(VOE20412568)
3	VOE20451738	8							•Screw		
4	VOE20405603	1							Spring pin		
5	VOE21679835	1							Gasket		(VOE20742661)
6	VOE20412324	14							Screw		
7	VOE22421336	1							Suction pipe		(VOE20405635)
8	VOE20405888	1							Gasket		
9	VOE13949578	2					SS		Screw		
10	VOE20405792	1							Screw		
11	VOE11700271	1							Delivery valve		
12	VOE20405937	1							•Sleeve		
13	VOE20405896	1							•Compression spring		

[illegible]

Date: 4/15/2025	Image id: 1033249	Catalogue: 20159	Model: BL70
Brand: Volvo	Serial: 11489-	Group/Section: 222/100	Title: Oil filter 11895378

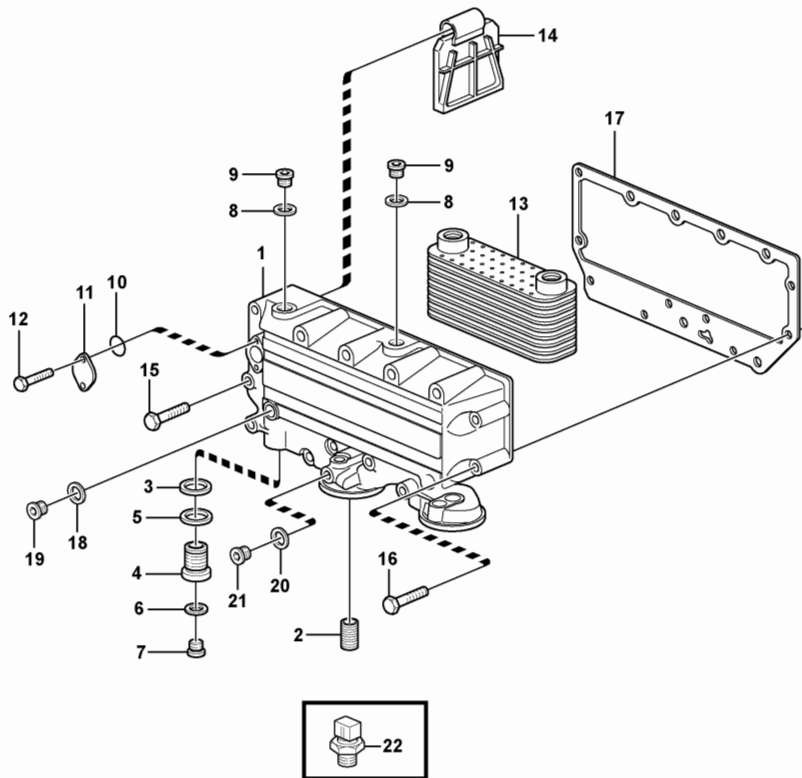


Volvo Construction
Equipment
1033249

Section option	Kit	Option description
VOE11895378		Engine D5D CDE3, 68KW/91HP

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE17457469	1							Oil filter		
2		1							Housing		See ref 223/100

Date: 4/15/2025	Image id: 1033479	Catalogue: 20159	Model: BL70
Brand: Volvo	Serial: 11489-	Group/Section: 223/100	Title: Oil cooler 11895378



Volvo Construction
Equipment
1033479

Section option	Kit	Option description
VOE11895378		Engine D5D CDE3, 68KW/91HP

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE21590865	1					SS		Oil cooler		(VOE20819716)
2	VOE20405758	1							•Bushing		
3	VOE13947628	2							Plane gasket		
4	VOE20405752	2							Screw		
5	VOE20405569	2							•Seal		
6	VOE20405578	2							Sealing ring		
7	VOE20549897	2							Plug		
8	VOE13947628	2							Plane gasket		
9	VOE20459195	2							Plug		
10	VOE20405599	1							Sealing ring		
11	VOE11700609	1							Cover		
12	VOE20460241	2							Screw		
13	VOE20715675	1							Oil Cooler		

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