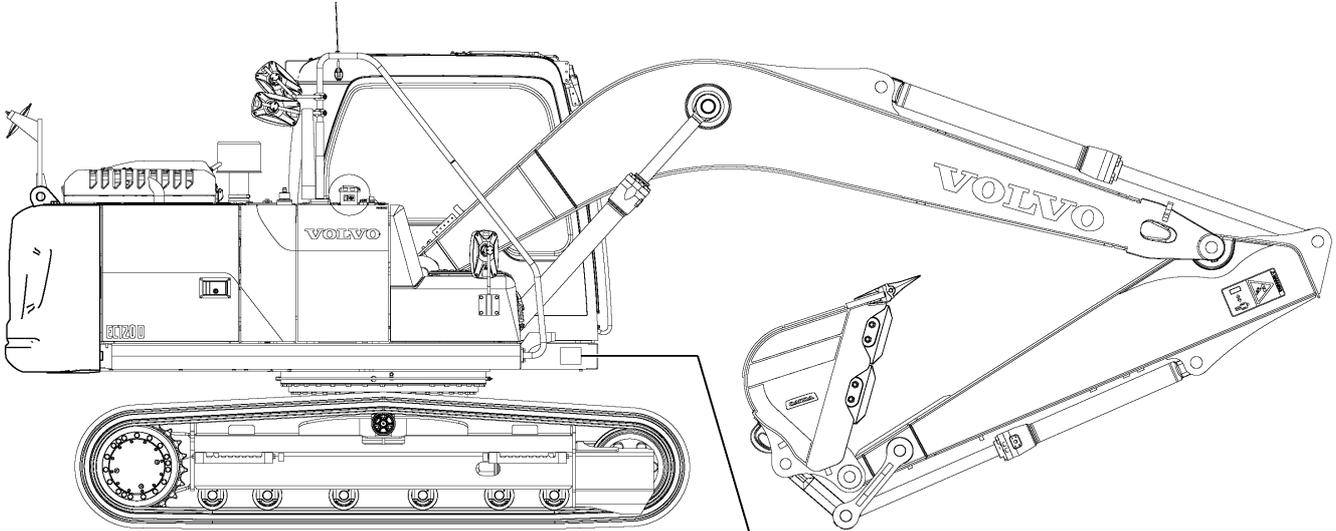


Date: <b>6/28/2025</b>	Image id: <b>1050827</b>	Catalogue: <b>20760</b>	Model: <b>EC120D</b>
Brand: <b>Volvo</b>	Serial: <b>230001-233530</b>	Group/Section: <b>030/100</b>	Title: <b>Product identification plate</b>



**Volvo Construction Equipment**  
 Volvo Construction Equipment Korea Ltd.  
 1, Gushyong-Dong, Changwon-City, Kyungnam, Korea 641-150

Model/Type

Product identification Number

Machine mass kg  **CE**

Engine net power kW

Manufacturing year

**VOLVO** 1488002

**Volvo Construction Equipment**  
 Volvo Construction Equipment Korea Ltd.  
 1, Gushyong-Dong, Changwon-City, Kyungnam, Korea 641-150

Model/Type

Product identification Number

**MANUFACTURED IN KOREA**

**VOLVO** 1488001

**Volvo Construction Equipment**  
 Volvo Construction Equipment Korea Ltd.  
 1, Gushyong-Dong, Changwon-City, Kyungnam, Korea 641-150

Model/Type

Product identification Number

Machine mass kg

Engine net power kW

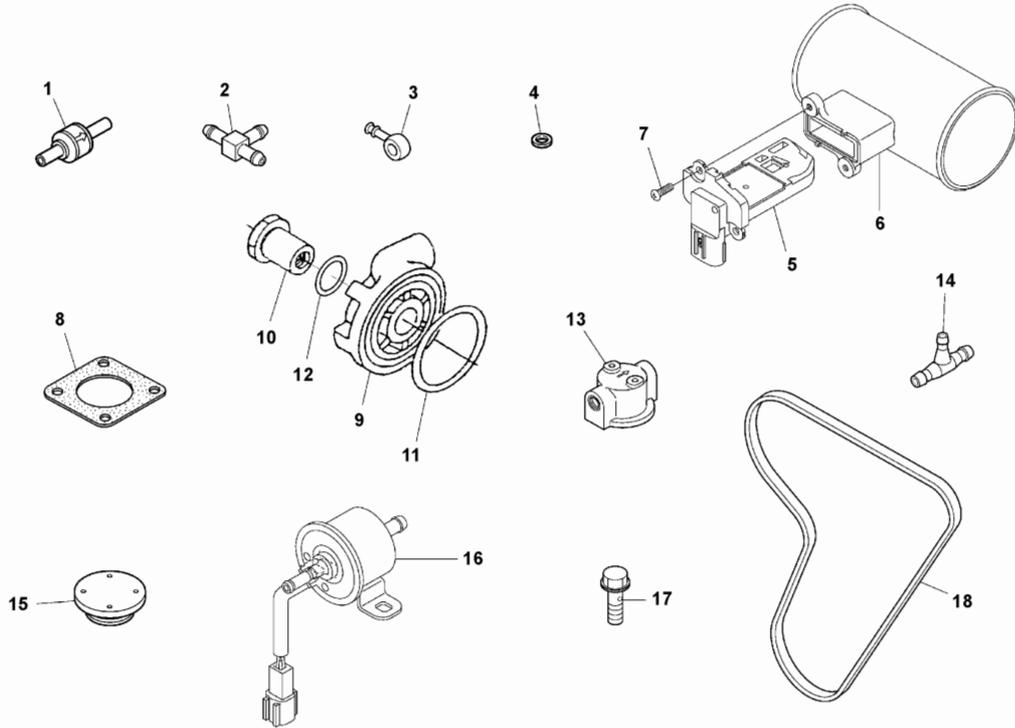
Manufacturing year

**VOLVO** 1488002

Volvo Construction Equipment  
 1050827

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1									Product sign plate		

Date: <b>6/28/2025</b>	Image id: <b>1083990</b>	Catalogue: <b>20760</b>	Model: <b>EC120D</b>
Brand: <b>Volvo</b>	Serial: <b>230001-233530</b>	Group/Section: <b>210/100</b>	Title: <b>Accessories and service parts for engine 17429616</b>



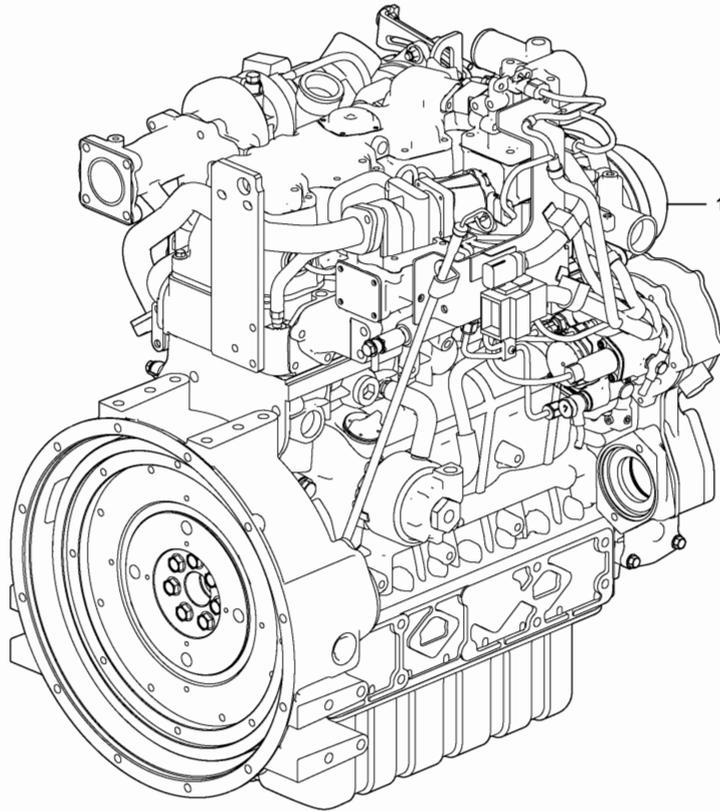
Volvo Construction  
Equipment  
1083990

Section option	Kit	Option description
VOE17429616		Engine D3.8E TIER 3 EXPORT
VOE8297472		Engine Installation D3.8E TIER 3 EXPORT

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE17230310	1							Valve		
2	VOE16672966	1							Connector		D4H, EU
3	VOE16677995	1							Joint		
4	VOE16668783	2							Gasket		
5	VOE17248715	1							Sensor		FX1052, SE2501, SE2530
6	VOE16671991	1							Pipe		
7	VOE16668334	2							Screw		
8	VOE16668478	1							Gasket		
9		1					NS		Adapter		
10		1					NS		Plug		
11	VOE16670077	1							O-ring		



Date: <b>6/28/2025</b>	Image id: <b>1084149</b>	Catalogue: <b>20760</b>	Model: <b>EC120D</b>
Brand: <b>Volvo</b>	Serial: <b>230001-233530</b>	Group/Section: <b>210/300</b>	Title: <b>Engine 8297472</b>

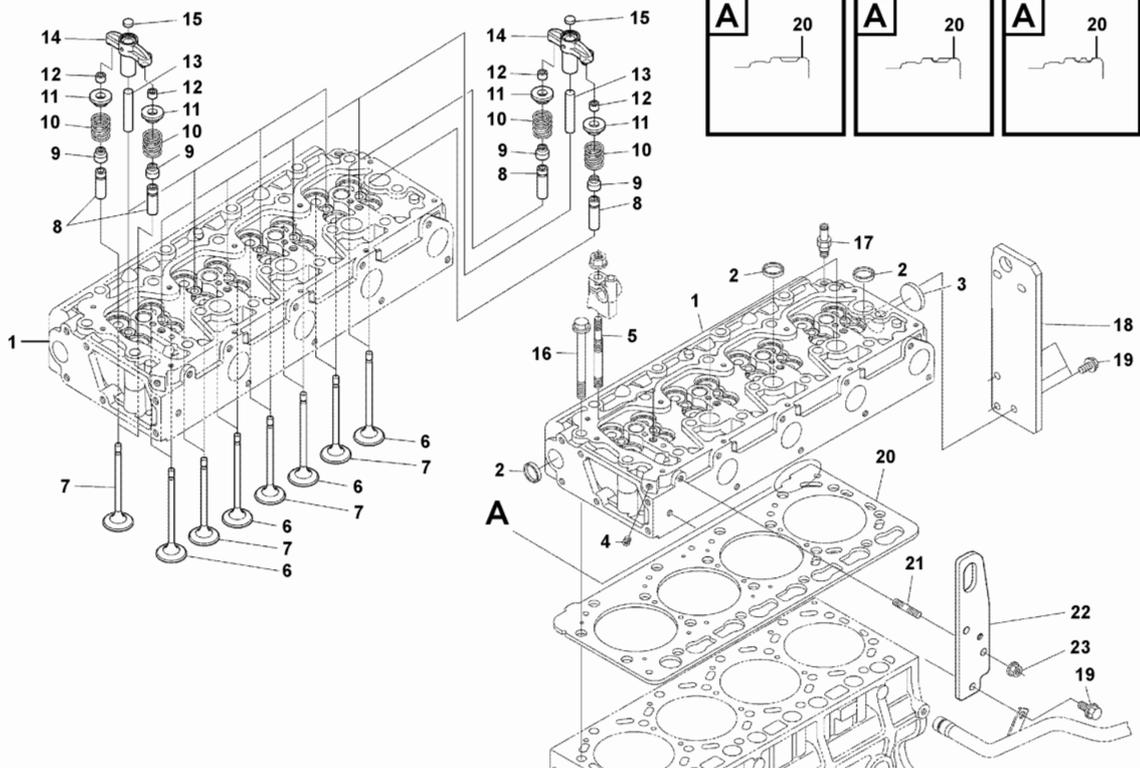


Volvo Construction  
Equipment  
1084149

Section option	Kit	Option description
VOE8297472		Engine Installation D3.8E TIER 3 EXPORT

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE17429616	1							Engine		D3.8E TIER 3 EXPORT

Date: <b>6/28/2025</b>	Image id: <b>1066154</b>	Catalogue: <b>20760</b>	Model: <b>EC120D</b>
Brand: <b>Volvo</b>	Serial: <b>230001-233530</b>	Group/Section: <b>211/100</b>	Title: <b>Cylinder head 17429616</b>



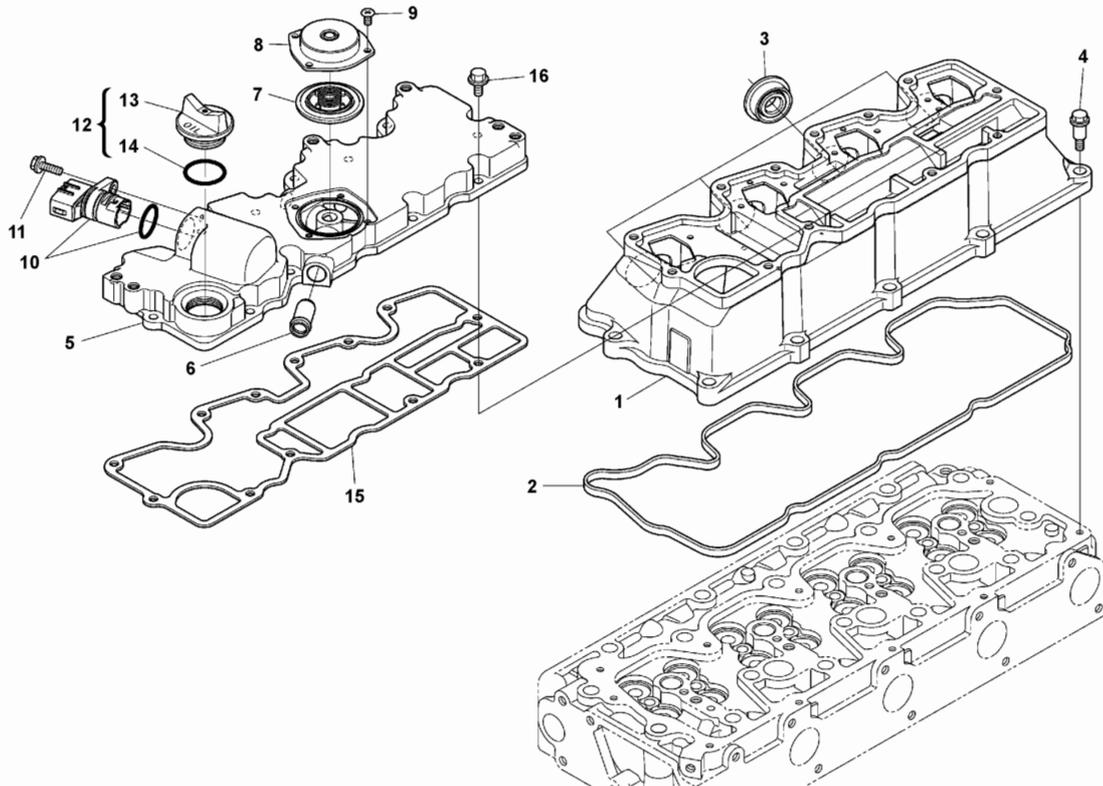
Volvo Construction  
Equipment  
1066154

Section option	Kit	Option description
VOE17429616		Engine D3.8E TIER 3 EXPORT

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE24292889	1							Cylinder head		(VOE22673424)
2	VOE16658959	5							•Cap		
3	VOE16658973	1							•Cap		
4	VOE16658765	1							•Plug		
5	VOE16672694	4							•Stud		
6	VOE23423385	8							•Valve		(VOE16671280)
7	VOE23423983	8							•Valve		(VOE16671268)
8	VOE16669834	16							•Guide		
9	VOE16670182	16							•Valve stem seal		
10	VOE16670202	16							•Valve spring		
11	VOE16669831	16							•Retainer		
12	VOE16668857	32							•Collet		SET
13	VOE16670206	8							•Shaft		



Date: <b>6/28/2025</b>	Image id: <b>1066156</b>	Catalogue: <b>20760</b>	Model: <b>EC120D</b>
Brand: <b>Volvo</b>	Serial: <b>230001-233530</b>	Group/Section: <b>211/200</b>	Title: <b>Valve cover 17429616</b>



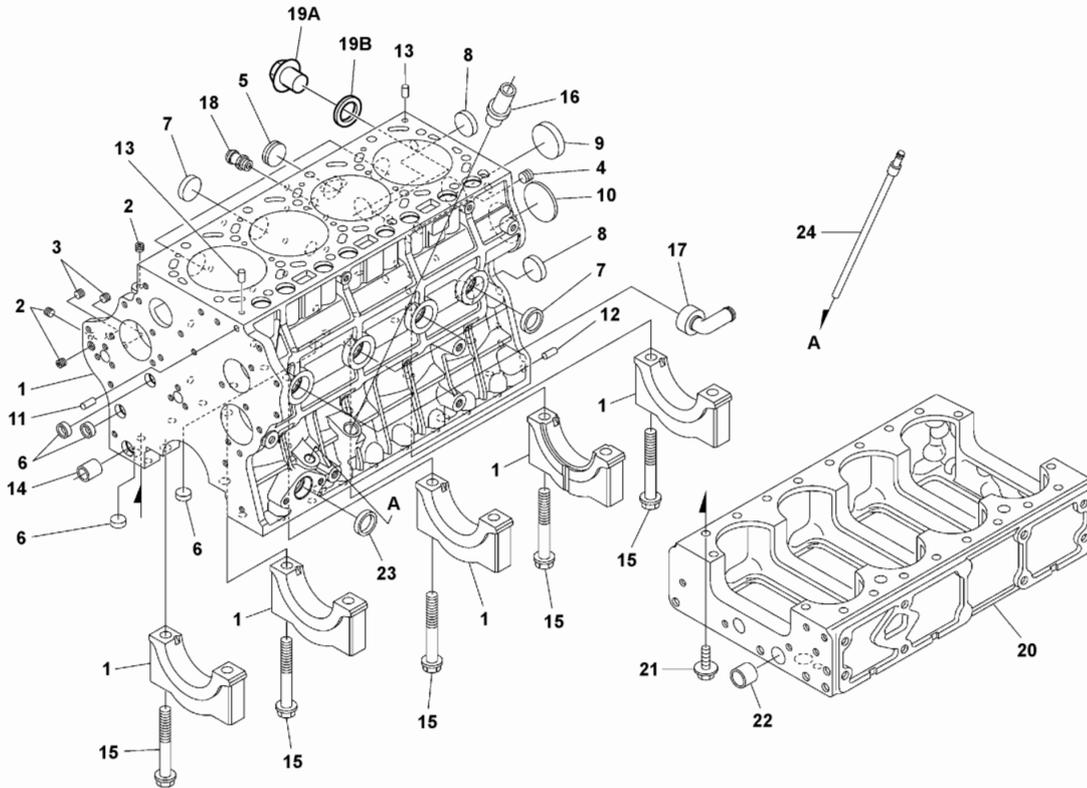
Volvo Construction  
Equipment  
1066156

Section option	Kit	Option description
VOE17429616		Engine D3.8E TIER 3 EXPORT

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE22673450	1							Valve cover		
2	VOE17248668	1							•Gasket		
3	VOE16671389	4							•Seal		
4	VOE16660484	10							•Bolt		
5	VOE16672097	1							Cover		
6	VOE16669827	1							•Joint		
7	VOE16671670	1							•Breather		
8	VOE16659180	1							•Breather		
9	VOE16668337	4							•Screw		
10	VOE16672775	1							•Connector		
11	VOE16668223	1							•Bolt		
12	VOE16668456	1							•Plug		
13	VOE16672982	1							••Plug		



Date: <b>6/28/2025</b>	Image id: <b>1083819</b>	Catalogue: <b>20760</b>	Model: <b>EC120D</b>
Brand: <b>Volvo</b>	Serial: <b>230001-233530</b>	Group/Section: <b>212/100</b>	Title: <b>Cylinder block 17429616</b>



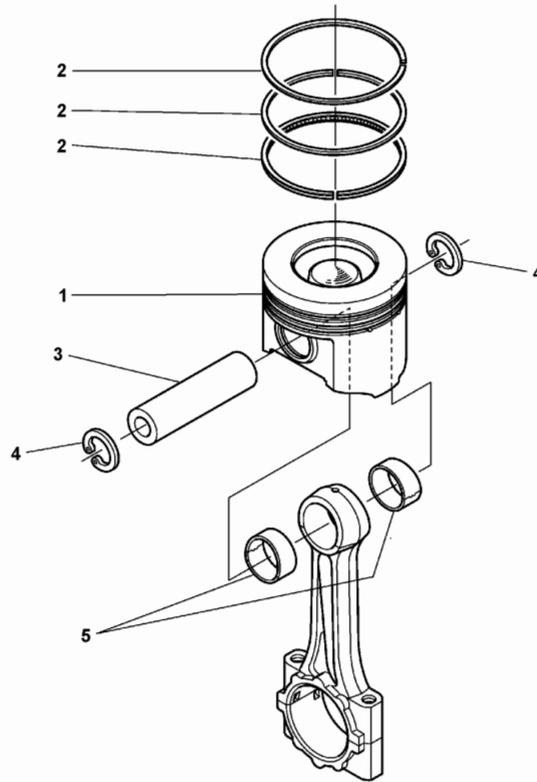
Volvo Construction  
Equipment  
1083819

Section option	Kit	Option description
VOE17429616		Engine D3.8E TIER 3 EXPORT

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE22673360	1							Cylinder block		
2	VOE16658765	3							•Plug		
3		2					NS		•Plug		
4		1					NS		•Plug		
5	VOE16670005	1							•Plug		
6	VOE16668823	4							•Cap		
7	VOE16658808	6							•Cap		
8	VOE16658808	2							•Cap		
9		1					NS		•Cap		
10		1					NS		•Plug		
11	VOE16668619	1							•Pin		
12	VOE16668623	4							•Pin		
13	VOE16658862	2							•Pin		

14	VOE16670452	1							•Pin		
15	VOE16670174	10							•Bolt		
16	VOE16671427	1							Oil pipe		
17	VOE16672668	1							Joint		
18	VOE16670501	1							Joint		
19A	VOE16668638	1							Plug		
19B	VOE16668578	1							Gasket		
20	VOE16670105	1							Crankcase		ENG -2HXZ999
20	VOE23491129	1							Crankcase		ENG 2HY0001-
21	VOE16668301	16							Bolt		
22	VOE16670456	1							Pin		
23	VOE16658808	1							Cap		
24	VOE16671681	1							Pipe		

Date: <b>6/28/2025</b>	Image id: <b>1066195</b>	Catalogue: <b>20760</b>	Model: <b>EC120D</b>
Brand: <b>Volvo</b>	Serial: <b>230001-233530</b>	Group/Section: <b>213/100</b>	Title: <b>Piston 17429616</b>

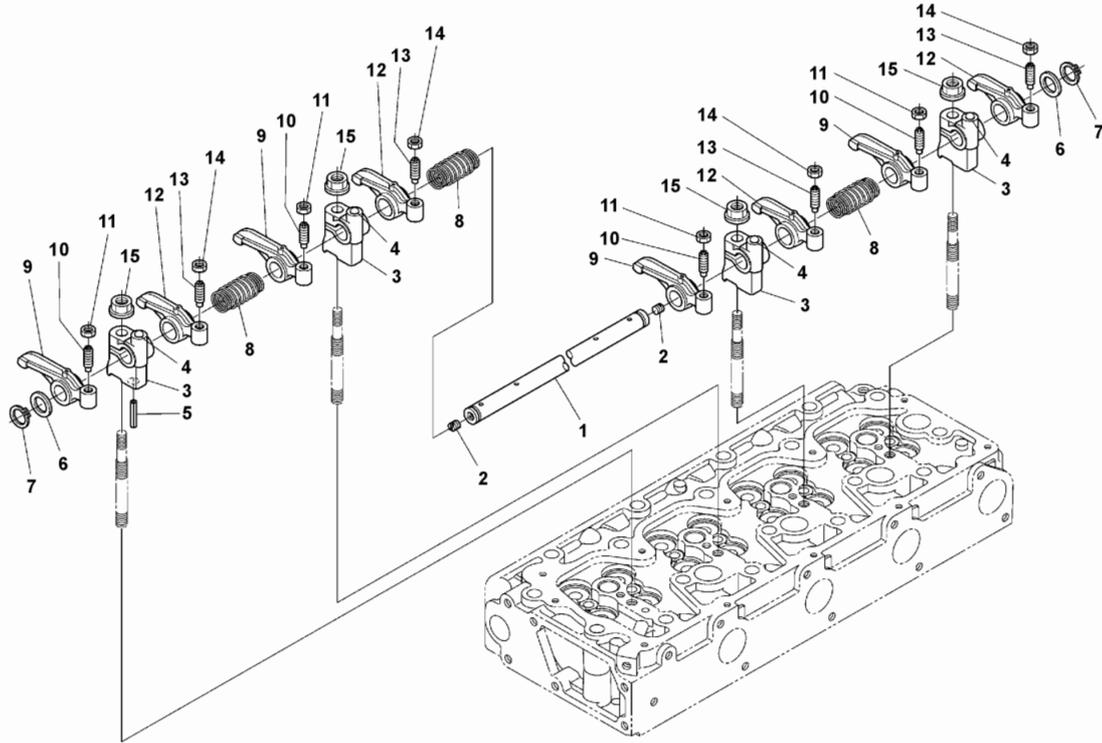


Volvo Construction  
Equipment  
1066195

Section option	Kit	Option description
VOE17429616		Engine D3.8E TIER 3 EXPORT

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
	VOE23610760	4							Piston kit		(VOE16672209)STD
	VOE16672211	4					SS		Piston kit		+0,50 mm
1	VOE16672728	4					SS		•Piston		STD
1	VOE16672731	4					SS		•Piston		+0,50 mm
2	VOE16672199	4							•Piston ring		STD
2	VOE16672205	4							•Piston ring		+0,50 mm
3	VOE17400627	4							•Pin		
4	VOE16668352	8							•Circlip plier		
5	VOE16672733	8							•Bushing		

Date: <b>6/28/2025</b>	Image id: <b>1066155</b>	Catalogue: <b>20760</b>	Model: <b>EC120D</b>
Brand: <b>Volvo</b>	Serial: <b>230001-233530</b>	Group/Section: <b>214/100</b>	Title: <b>Rocker arm shaft 17429616</b>



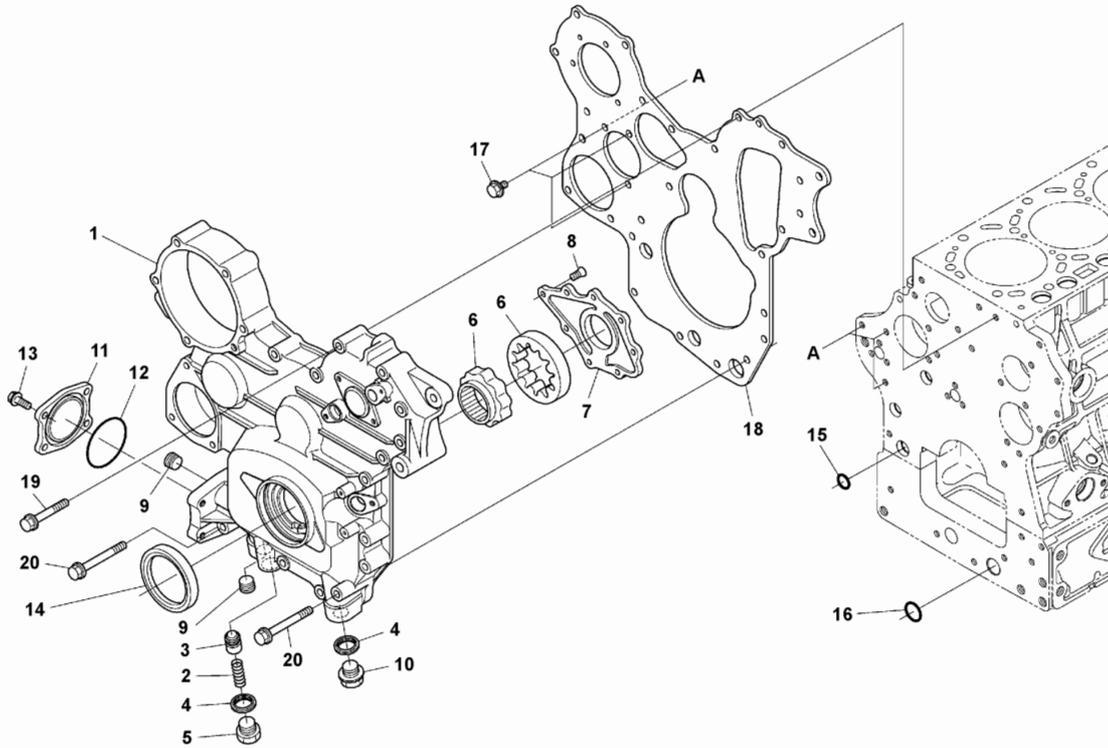
Volvo Construction  
Equipment  
1066155

Section option	Kit	Option description
VOE17429616		Engine D3.8E TIER 3 EXPORT

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE16671300	1							Shaft		
2		2					NS		Screw		
3	VOE16672708	4							Bracket		
4	VOE16668658	4							Ball		
5	VOE16660344	1							Spring pin		
6	VOE16670219	2							Washer		
7	VOE16668375	2							Circlip plier		
8	VOE16671313	3							Spring		
9	VOE22673447	4							Rocker arm		
10	VOE16660807	4							•Screw		
11	VOE16660801	4							•Nut		
12	VOE22673449	4							Rocker arm		
13	VOE16660807	4							•Screw		



Date: <b>6/28/2025</b>	Image id: <b>1066157</b>	Catalogue: <b>20760</b>	Model: <b>EC120D</b>
Brand: <b>Volvo</b>	Serial: <b>230001-233530</b>	Group/Section: <b>215/100</b>	Title: <b>Timing gear casing 17429616</b>



Volvo Construction  
Equipment  
1066157

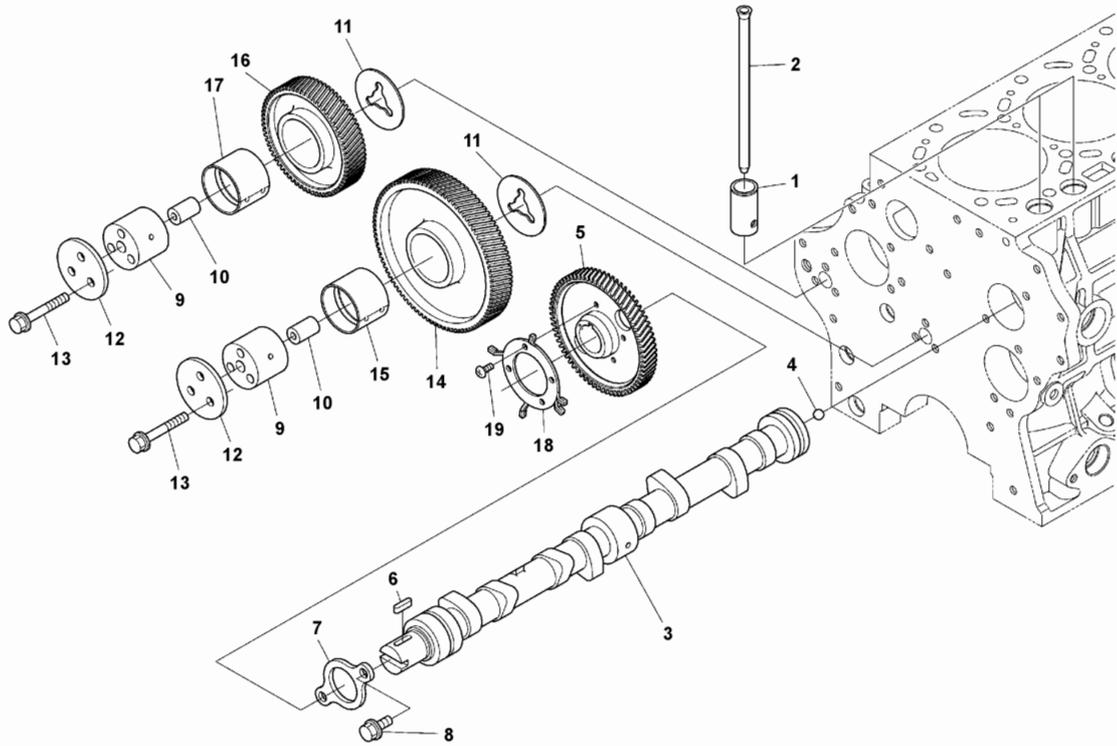
Section option	Kit	Option description
VOE17429616		Engine D3.8E TIER 3 EXPORT

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE22802707	1							Case		
2	VOE16670495	1							•Spring		
3	VOE16670489	1							•Valve		
4	VOE16668443	2							•Gasket		
5	VOE16670499	1							•Plug		
6	VOE16670458	1							•Rotor		See ref 221/100
7	VOE16670466	1							•Cover		
8	VOE17259404	8							•Screw		
9	VOE16671235	2							•Plug		
10	VOE16669993	1							•Plug		
11	VOE16670446	1							•Cover		
12	VOE16670077	1							•O-ring		
13	VOE16660598	4							•Bolt		

14	VOE16668465	1							Seal		
15	VOE16668581	1							O-ring		
16	VOE16668594	1							O-ring		
17	VOE16668235	3							Bolt		
18	VOE22673452	1							Plate		
19	VOE16670811	11							Bolt		
20	VOE16670818	2							Bolt		
	VOE16680006	1							Cover		See footnote 2624)

2624) Not shown

Date: <b>6/28/2025</b>	Image id: <b>1066159</b>	Catalogue: <b>20760</b>	Model: <b>EC120D</b>
Brand: <b>Volvo</b>	Serial: <b>230001-233530</b>	Group/Section: <b>215/200</b>	Title: <b>Camshaft 17429616</b>



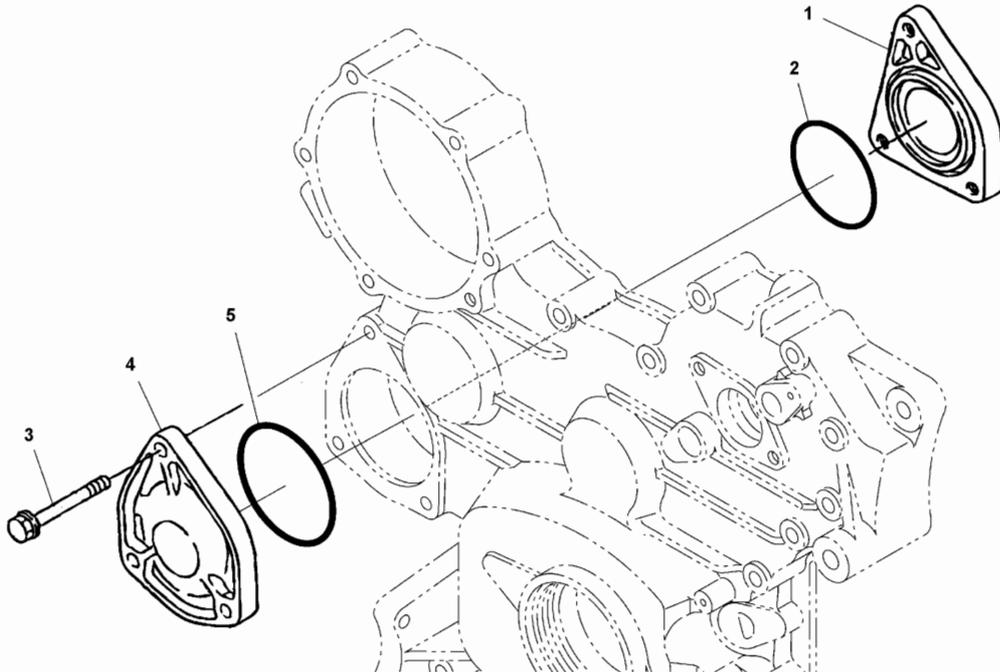
Volvo Construction  
Equipment  
1066159

Section option	Kit	Option description
VOE17429616		Engine D3.8E TIER 3 EXPORT

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE16659283	8							Tappet		
2	VOE16670222	8							Push rod		
3	VOE16672710	1							Camshaft		
4	VOE16668658	1							•Ball		
5	VOE16672714	1							•Gear		
6	VOE16668630	1							•Shaft key		
7		1					NS		•Lock plate		
8	VOE16668235	2							Bolt		
9		2					NS		Shaft		
10	VOE16670437	2							Pin		
11	VOE16670431	2							Collar		
12	VOE16670434	2							Collar		
13	VOE16660815	6							Bolt		



Date: <b>6/28/2025</b>	Image id: <b>1083987</b>	Catalogue: <b>20760</b>	Model: <b>EC120D</b>
Brand: <b>Volvo</b>	Serial: <b>230001-233530</b>	Group/Section: <b>215/300</b>	Title: <b>Power take-off cover 17429616</b>

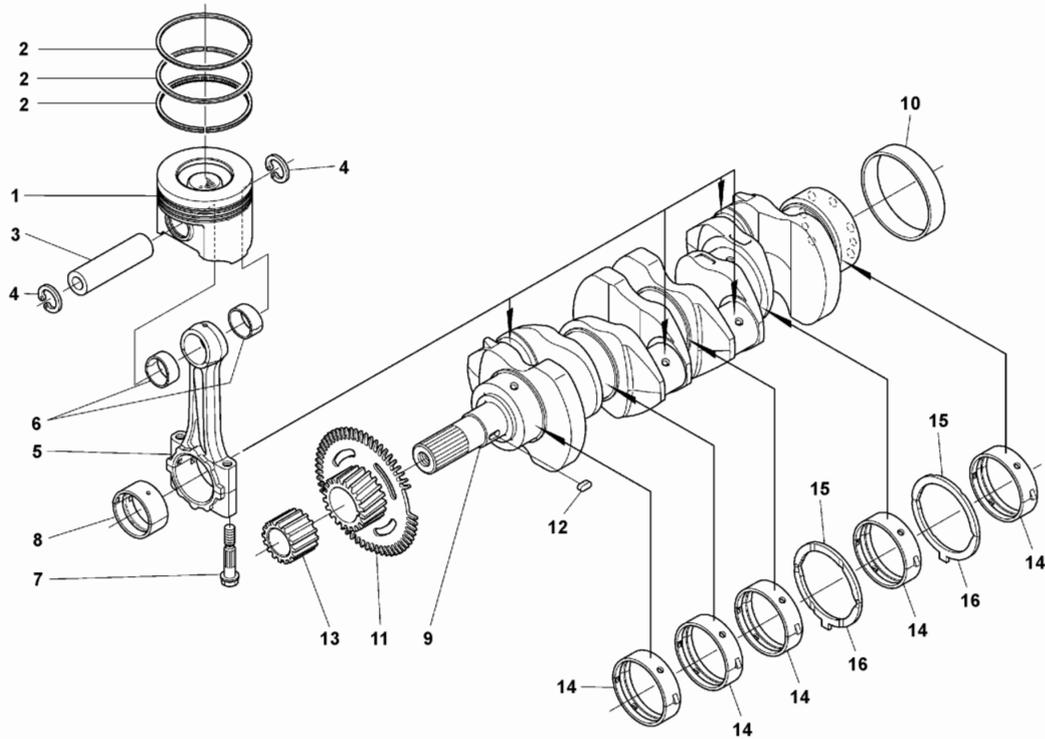


Volvo Construction  
Equipment  
1083987

Section option	Kit	Option description
VOE17429616		Engine D3.8E TIER 3 EXPORT

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1		1					NS		Protecting cover		
2	VOE16671245	1							O-ring		
3	VOE16668276	3							Bolt		
4		1					NS		Protecting cover		
5	VOE16671245	1							O-ring		

Date: <b>6/28/2025</b>	Image id: <b>1066158</b>	Catalogue: <b>20760</b>	Model: <b>EC120D</b>
Brand: <b>Volvo</b>	Serial: <b>230001-233530</b>	Group/Section: <b>216/100</b>	Title: <b>Crankshaft and related parts 17429616</b>



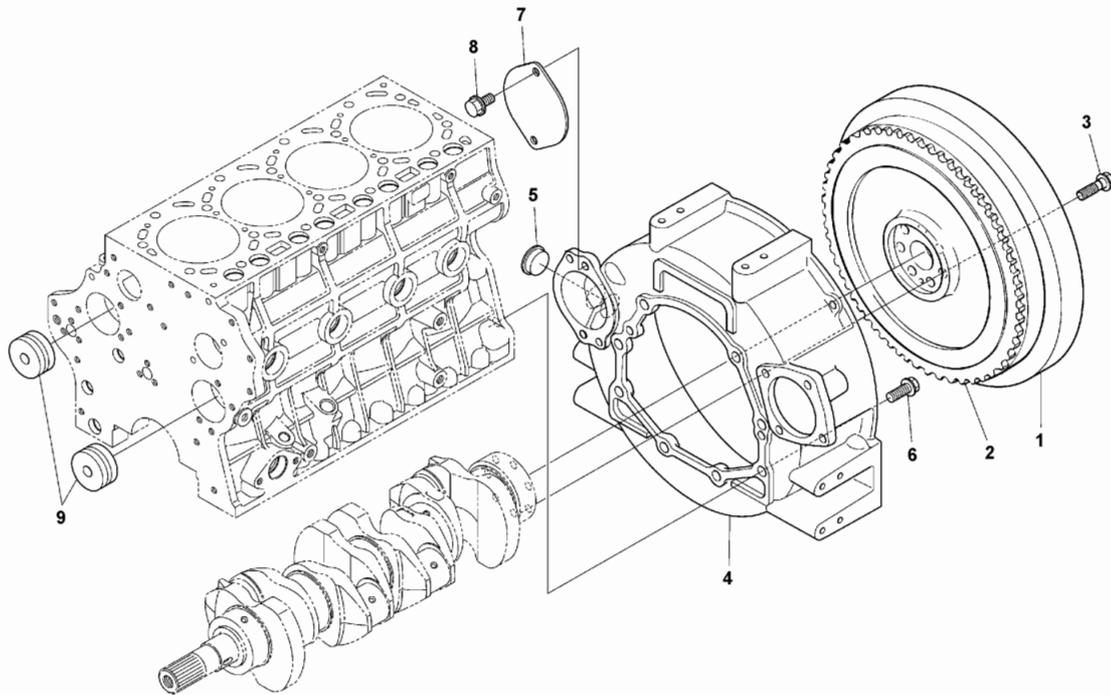
Volvo Construction  
Equipment  
1066158

Section option	Kit	Option description
VOE17429616		Engine D3.8E TIER 3 EXPORT

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE16672728	4					SS		Piston		STD
1	VOE16672731	4					SS		Piston		+0.50mm
2	VOE16672199	4							Piston ring		STD
2	VOE16672205	4							Piston ring		+0.50mm
3	VOE17400627	4							Pin		
4	VOE16668352	4							Circlip plier		
5	VOE16672735	4							Connecting rod		
6	VOE16672733	4							•Bushing		
7	VOE16670241	8							•Bolt		
8	VOE16671316	4							•Bearing shell		STD/BLUE/SET
8	VOE16671333	4							•Bearing shell		STD/SET
8	VOE16671337	4							•Bearing shell		-0.20MM/GREEN/SET
8	VOE16671348	4							•Bearing shell		-0.40MM/RED/SET

9	VOE16671557	1							Crankshaft		
10	VOE16670250	1							•Sleeve		
11	VOE16671479	1							Gear		
12	VOE16668627	1							Shaft key		
13	VOE16671563	1							Oil pump drive		
14	VOE16671366	5							Bearing shell		STD/SET
14	VOE16671383	5							Bearing shell		-0.20MM GREEN/SET
14	VOE16671385	5							Bearing shell		-0.40MM RED/SET
15	VOE16670263	2							Thrust washer		STD
15	VOE16670398	2							Thrust washer		+0.20MM
15	VOE16670401	2							Thrust washer		+0.40MM
16	VOE16670267	2							Thrust washer		STD
16	VOE16670403	2							Thrust washer		+0.20MM
16	VOE16670406	2							Thrust washer		+0.40MM

Date: <b>6/28/2025</b>	Image id: <b>1066161</b>	Catalogue: <b>20760</b>	Model: <b>EC120D</b>
Brand: <b>Volvo</b>	Serial: <b>230001-233530</b>	Group/Section: <b>216/200</b>	Title: <b>Flywheel 17429616</b>

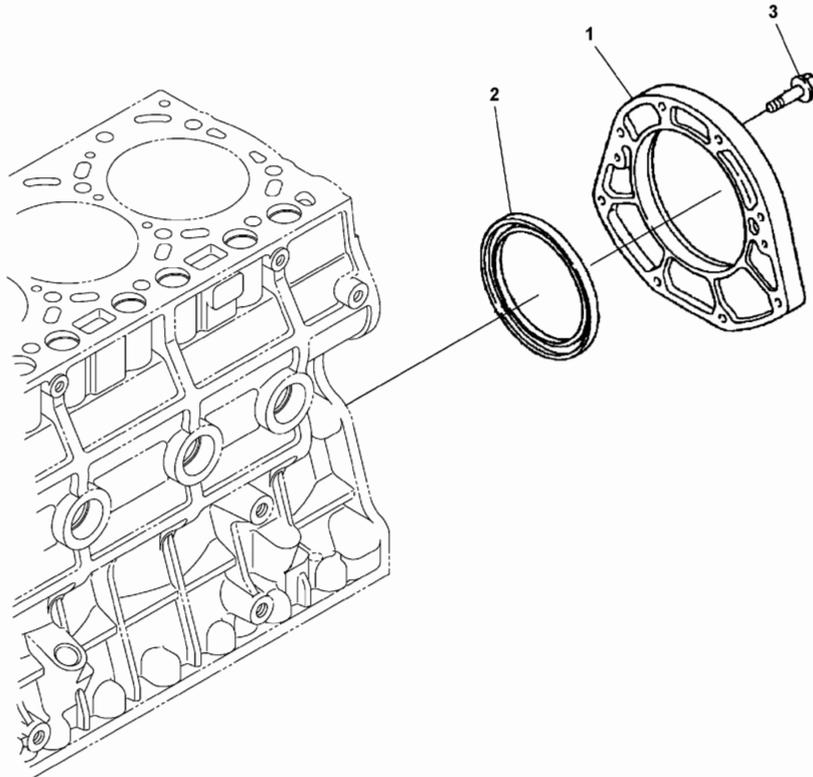


Volvo Construction  
Equipment  
1066161

Section option	Kit	Option description
VOE17429616		Engine D3.8E TIER 3 EXPORT

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1		1					NS		Flywheel		
2	VOE16671657	1							•Gear		
3	VOE16669670	7							Bolt		
4	VOE22802710	1							Housing		
5	VOE16659501	1							Cover		
6	VOE16671659	8							Bolt		
7		1					NS		Cover		
8	VOE16668296	2							Bolt		
9		2					NS		Cover		

Date: <b>6/28/2025</b>	Image id: <b>1066160</b>	Catalogue: <b>20760</b>	Model: <b>EC120D</b>
Brand: <b>Volvo</b>	Serial: <b>230001-233530</b>	Group/Section: <b>216/300</b>	Title: <b>Bearing case cover 17429616</b>

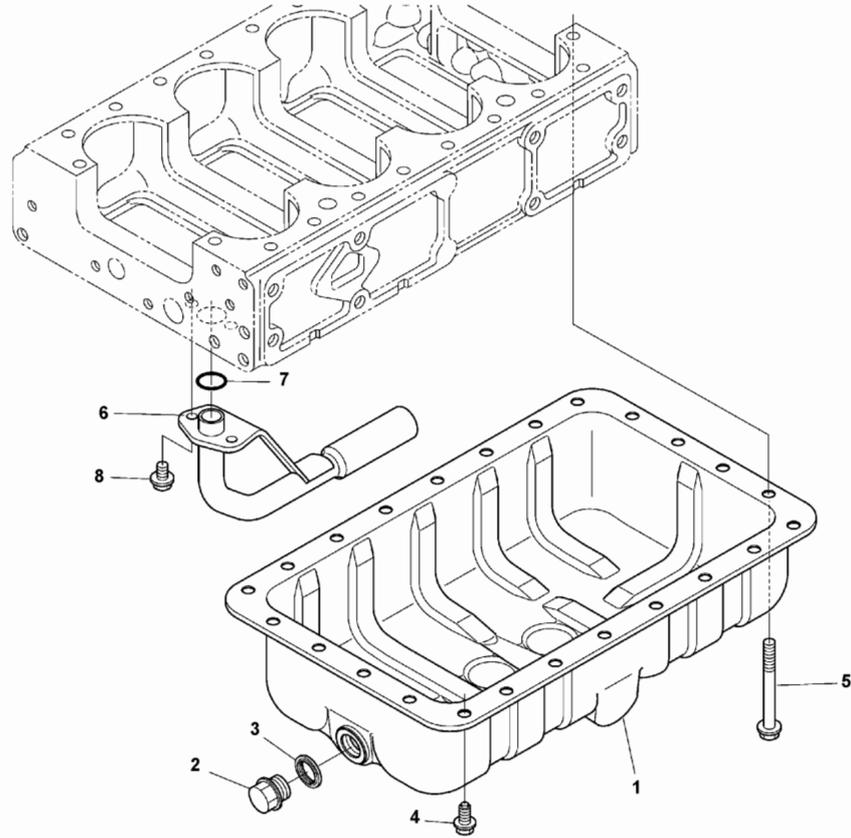


Volvo Construction  
Equipment  
1066160

Section option	Kit	Option description
VOE17429616		Engine D3.8E TIER 3 EXPORT

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE16670127	1							Cover		
2	VOE16668454	1							•Gasket		
3	VOE16660459	8							Bolt		

Date: <b>6/28/2025</b>	Image id: <b>1083824</b>	Catalogue: <b>20760</b>	Model: <b>EC120D</b>
Brand: <b>Volvo</b>	Serial: <b>230001-233530</b>	Group/Section: <b>217/100</b>	Title: <b>Oil sump 17429616</b>

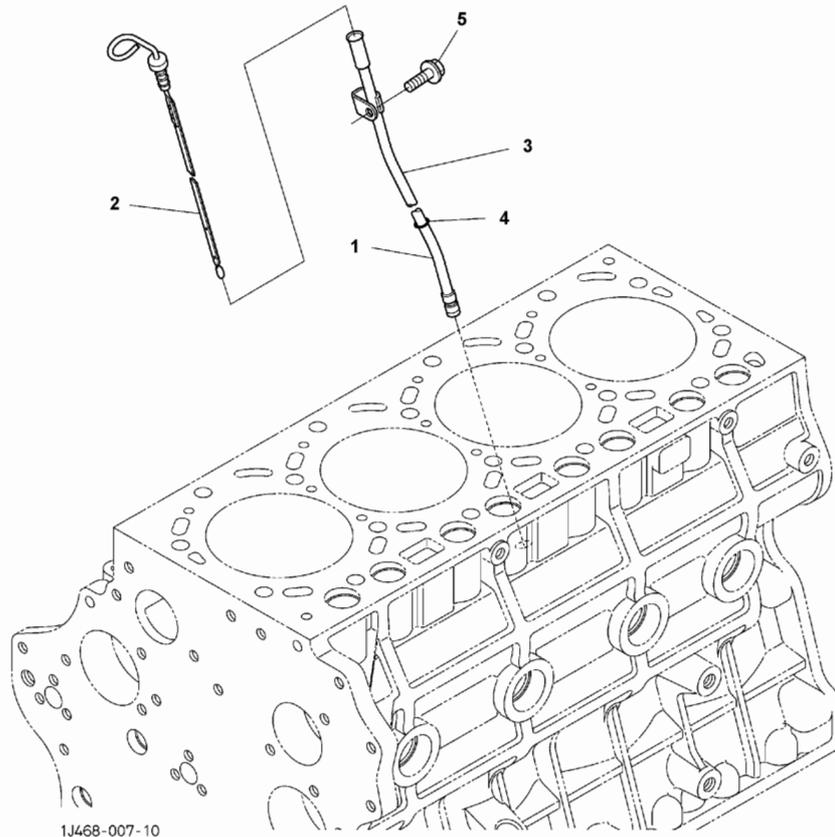


Volvo Construction  
Equipment  
1083824

Section option	Kit	Option description
VOE17429616		Engine D3.8E TIER 3 EXPORT

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE22788969	1					SS		Oil pan		
2	VOE17230228	2							Drain plug		
3	VOE16668443	2							Gasket		
4	VOE16671186	20							Bolt		
5	VOE16668290	4							Bolt		
6	VOE22802694	1							Filter		
7	VOE16668585	1							O-ring		
8	VOE16660409	2							Bolt		

Date: <b>6/28/2025</b>	Image id: <b>1083829</b>	Catalogue: <b>20760</b>	Model: <b>EC120D</b>
Brand: <b>Volvo</b>	Serial: <b>230001-233530</b>	Group/Section: <b>217/200</b>	Title: <b>Oil dipstick 17429616</b>



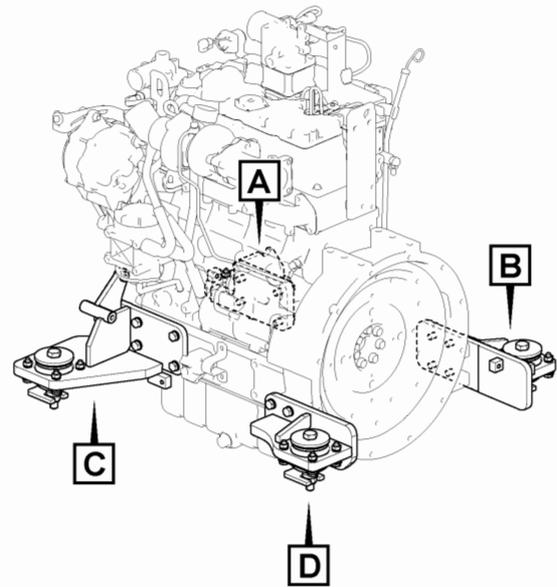
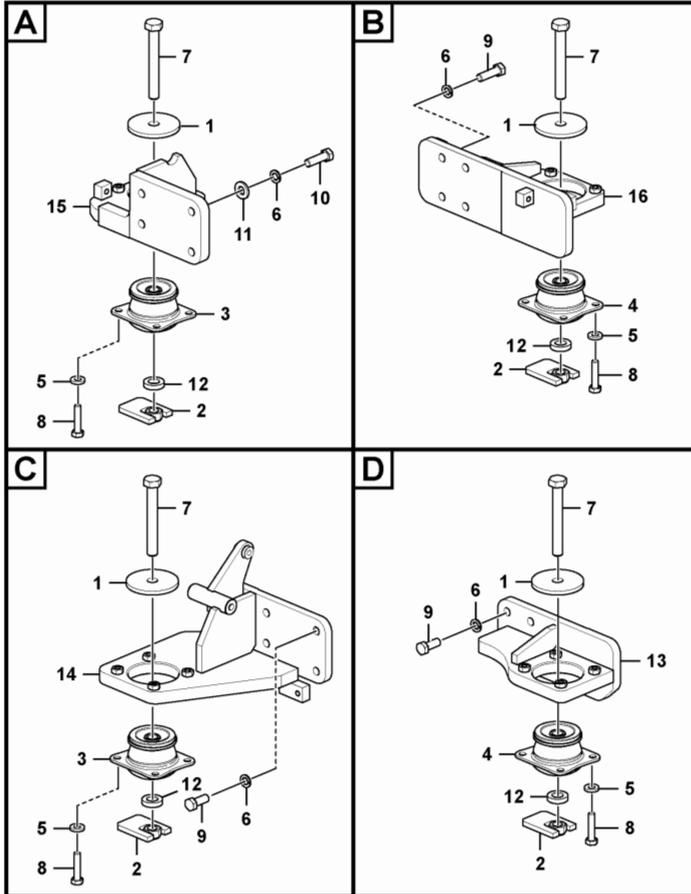
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Volvo Construction  
Equipment  
1083829

Section option	Kit	Option description
VOE17429616		Engine D3.8E TIER 3 EXPORT

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1		1					NS		Guide		
2		1					NS		Oil dipstick		
3		1					NS		Guide		
4	VOE16659068	1							•O-ring		
5	VOE16668235	1							Bolt		

Date: <b>6/28/2025</b>	Image id: <b>1096183</b>	Catalogue: <b>20760</b>	Model: <b>EC120D</b>
Brand: <b>Volvo</b>	Serial: <b>230001-233530</b>	Group/Section: <b>218/100</b>	Title: <b>Engine mounting 8297469</b>



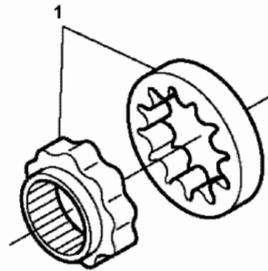
Volvo Construction  
Equipment  
1096183

Section option	Kit	Option description
VOE8297469		Basic Machine SUB BASIC MACHINE

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	SA1112-00830	4							Plate		
2	VOE14674475	4							Nut		
3	VOE14688153	2							Cushion		
4	VOE14688154	2							Cushion		
5	VOE60111981	16							Washer		(VOE930842)S/N -233530
6	VOE930872	16							Plain washer		
7	VOE997469	4							Hexagon screw		(VOE980466)
8	VOE997437	16							Hexagon screw		(VOE983253)
9	VOE60113353	12							Hexagon screw		
10	VOE60113354	4							Hexagon screw		
11	VOE955923	4							Spring washer		
12	VOE14578871	4							Washer		



Date: <b>6/28/2025</b>	Image id: <b>1119113</b>	Catalogue: <b>20760</b>	Model: <b>EC120D</b>
Brand: <b>Volvo</b>	Serial: <b>230001-233530</b>	Group/Section: <b>221/100</b>	Title: <b>Oil pump 17429616</b>

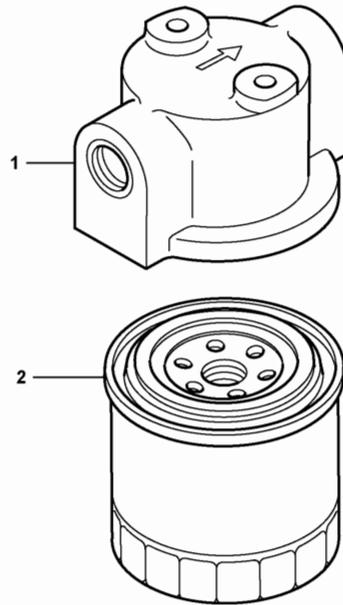


Volvo Construction  
Equipment  
1119113

Section option	Kit	Option description
VOE17429616		Engine D3.8E TIER 3 EXPORT

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE16670458	1							Rotor		

Date: <b>6/28/2025</b>	Image id: <b>1114197</b>	Catalogue: <b>20760</b>	Model: <b>EC120D</b>
Brand: <b>Volvo</b>	Serial: <b>230001-233530</b>	Group/Section: <b>222/100</b>	Title: <b>Oil filter 17429616</b>

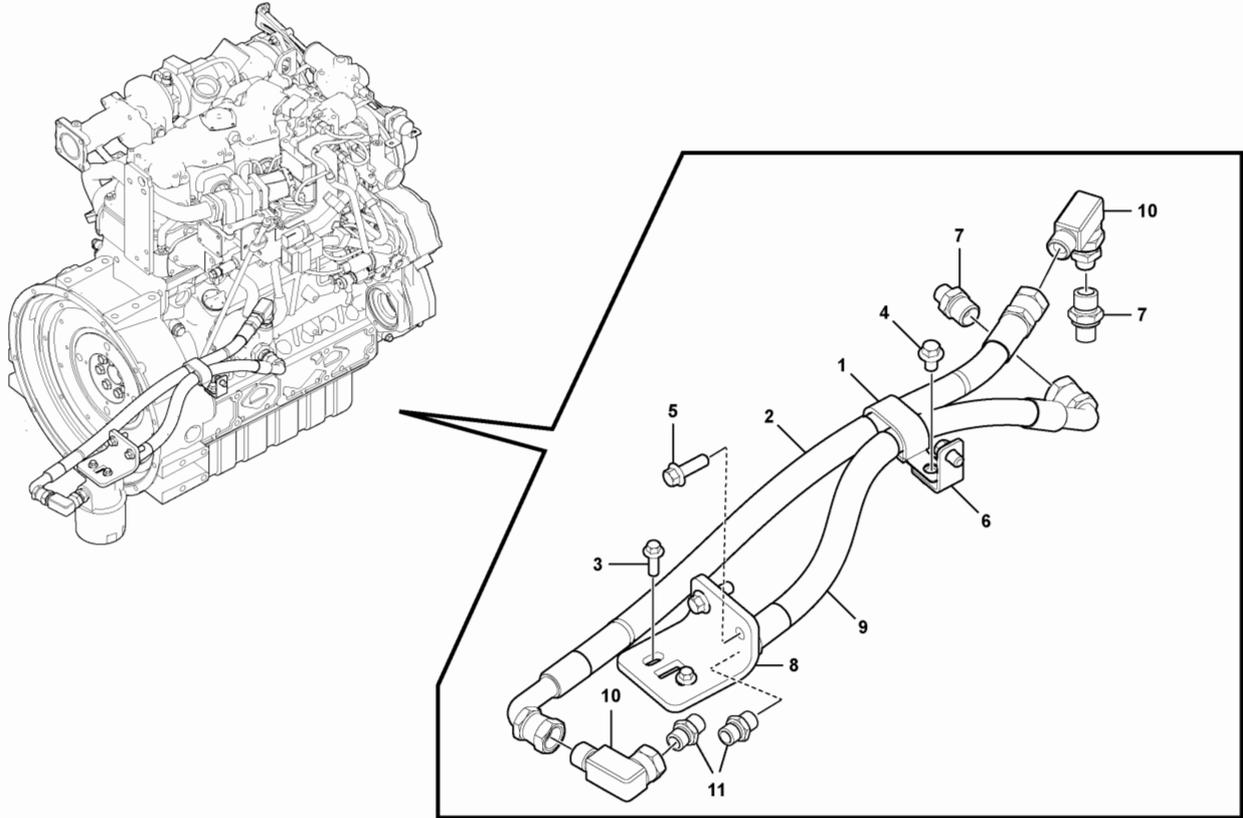


Volvo Construction  
Equipment  
1114197

Section option	Kit	Option description
VOE17429616		Engine D3.8E TIER 3 EXPORT

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE16671668	1							Base		
2	VOE15714574	1							Oil filter		(VOE17238529)

Date: <b>6/28/2025</b>	Image id: <b>1091731</b>	Catalogue: <b>20760</b>	Model: <b>EC120D</b>
Brand: <b>Volvo</b>	Serial: <b>230001-233530</b>	Group/Section: <b>222/120</b>	Title: <b>Housing, oil filter 8297472</b>

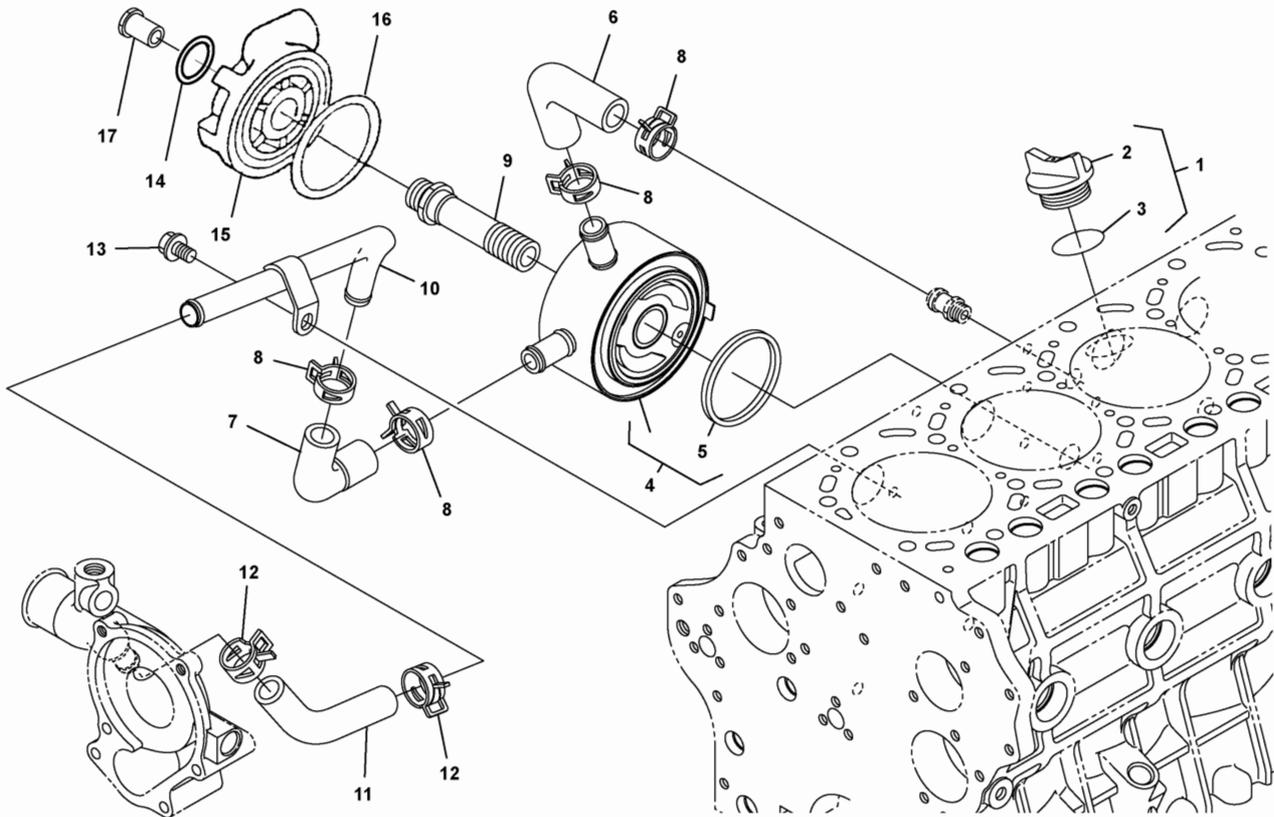


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Equipment  
1091731

Section option	Kit	Option description
VOE8297472		Engine Installation D3.8E TIER 3 EXPORT

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE14508061	1							Clip		
2	VOE14728813	1							Hose assembly		(VOE14707237)
3	VOE60113081	6							Flange screw		
4	VOE60113259	2							Flange screw		
5	VOE60113094	2							Flange screw		
6		1					NS		Bracket		
7	VOE14676509	2							Nipple		
8	VOE14697763	1							Plate		
9	VOE14728814	1							Hose assembly		(VOE14707238)
10	VOE14721096	2							Elbow		
11	VOE14884848	2							Nipple		

Date: <b>6/28/2025</b>	Image id: <b>1114196</b>	Catalogue: <b>20760</b>	Model: <b>EC120D</b>
Brand: <b>Volvo</b>	Serial: <b>230001-233530</b>	Group/Section: <b>223/100</b>	Title: <b>Oil cooler 17429616</b>



Volvo Construction  
Equipment  
1114196

Section option	Kit	Option description
VOE17429616		Engine D3.8E TIER 3 EXPORT

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE16668456	1							Plug		
2	VOE16672982	1							•Plug		
3	VOE17230256	1							•O-ring		
4	VOE22673617	1							Oil cooler		
5	VOE16669718	1							•Gasket		
6	VOE16672218	1							Hose		
7	VOE16672223	1							Hose		
8	VOE16668745	4							Clamp		
9	VOE16672214	1							Joint		
10	VOE16672220	1							Pipe		
11	VOE16670511	1							Pipe		
12	VOE16668745	2							Clamp		
13	VOE16660409	1							Bolt		