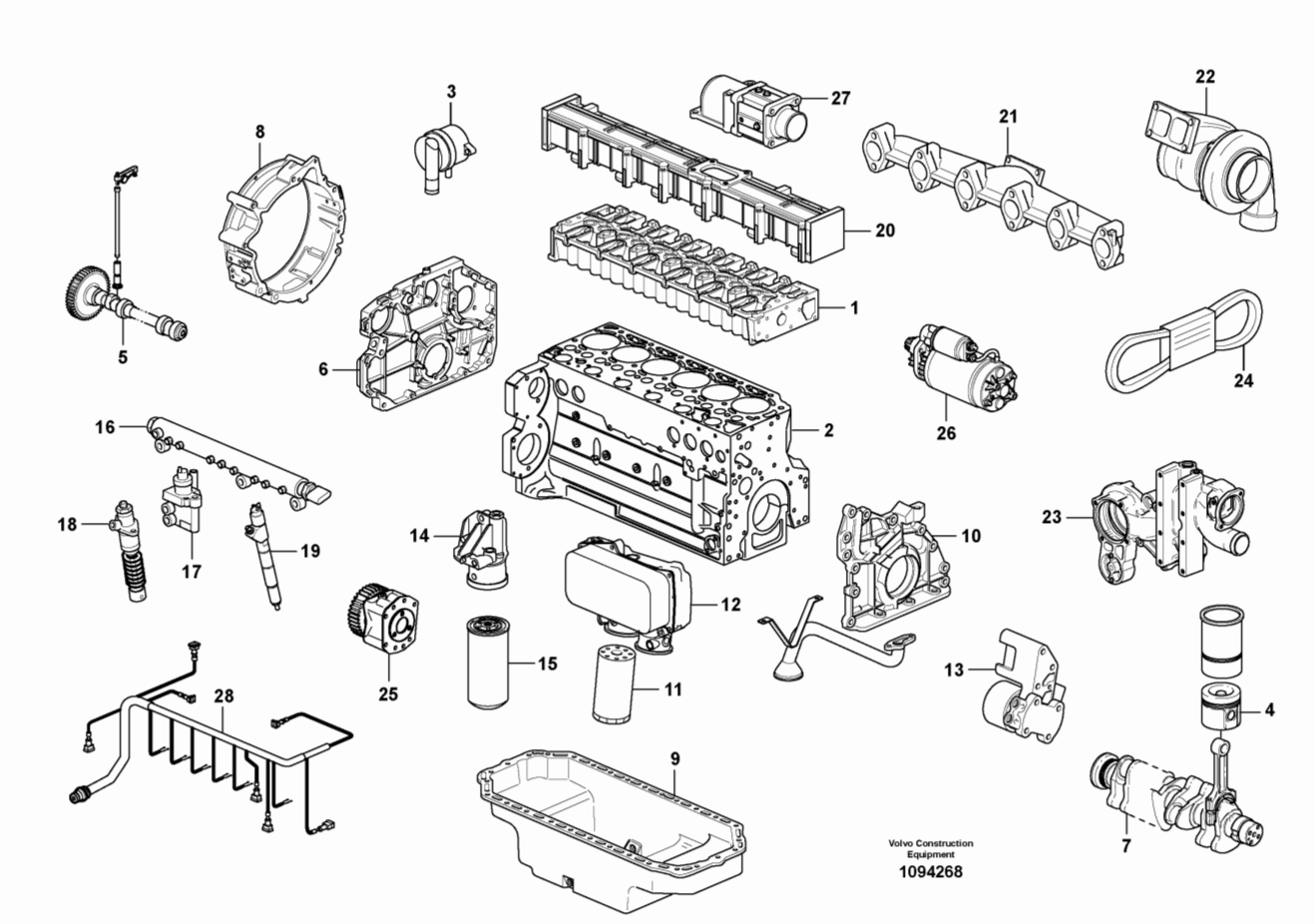
Product: EW240E MH Part Manual1
Full Download: https://www.arepairmanual.com/downloads/ew240e-mh-part-manual1/

VOLVO

PROSIS Part Information

Date: **5/27/2026**	Image id: **1094268**	Catalogue: **20866**	Model: **EW240E MH**
Brand:	Serial: **320011-323000, 323001-**	Group/Section: **210/100**	Title: **Engine 8294627, 8300933, 8302898, 8302894**



Section option	Kit	Option description
VOE8294627		Engine
VOE8300933		Engine D6
VOE8302894		Engine Installation
VOE8302898		Engine Installation

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
	VOE17211917	1					SS		Engine		D6J EU See ref 210/200, REMAN VOE9017211917, VOE9017511346
	VOE17480995	1							Engine		D6J US, REMAN VOE9017480995
	VOE17668819	1					SS		Engine		REMAN VOE9017668819, VOE9055133795
1		1							•Cylinder head		See ref 211/100
2		1							•Cylinder block		See ref 212/100

Sample manual. Download All 1019 pages at:
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3		1							•Crankcase ventilation		See ref 212/300
4		6							•Piston		See ref 213/100
5		1							•Valve mechanism		See ref 214/100
6		1							•Timing gear casing		See ref 215/150
7		1							•Crankshaft		See ref 216/100
8		1							•Flywheel Hsg		See ref 216/200
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 235/300
14		1							•Filter Housing		See ref 233/400
15		1							•Fuel Filter		See ref 233/400
16		1							•Rail		See ref 236/100
17		1							•Regulator		See ref 236/100
18		2							•Pump Unit		See ref 236/100
19		6							•Injector		See ref 236/100
20		1							•Inlet Manifold		See ref 251/100
21		1							•Exhaust pipe		See ref 251/150
22		1							•Turbocharger		See ref 255/100
23		1							•Coolant Pump		See ref 262/200
24		1							•Belt Xmsn		See ref 263/500
25		1							•Pump drive		See ref 263/500
26		1							•Starter motor		See ref 331/100
27		1							•Starter Element		See ref 333/100
28		1							•Cable harness		See ref 286/100

Sample manual. Download All 1019 pages at:
https://www.arepairmanual.com/downloads/ew240e-mh-part-manual1/

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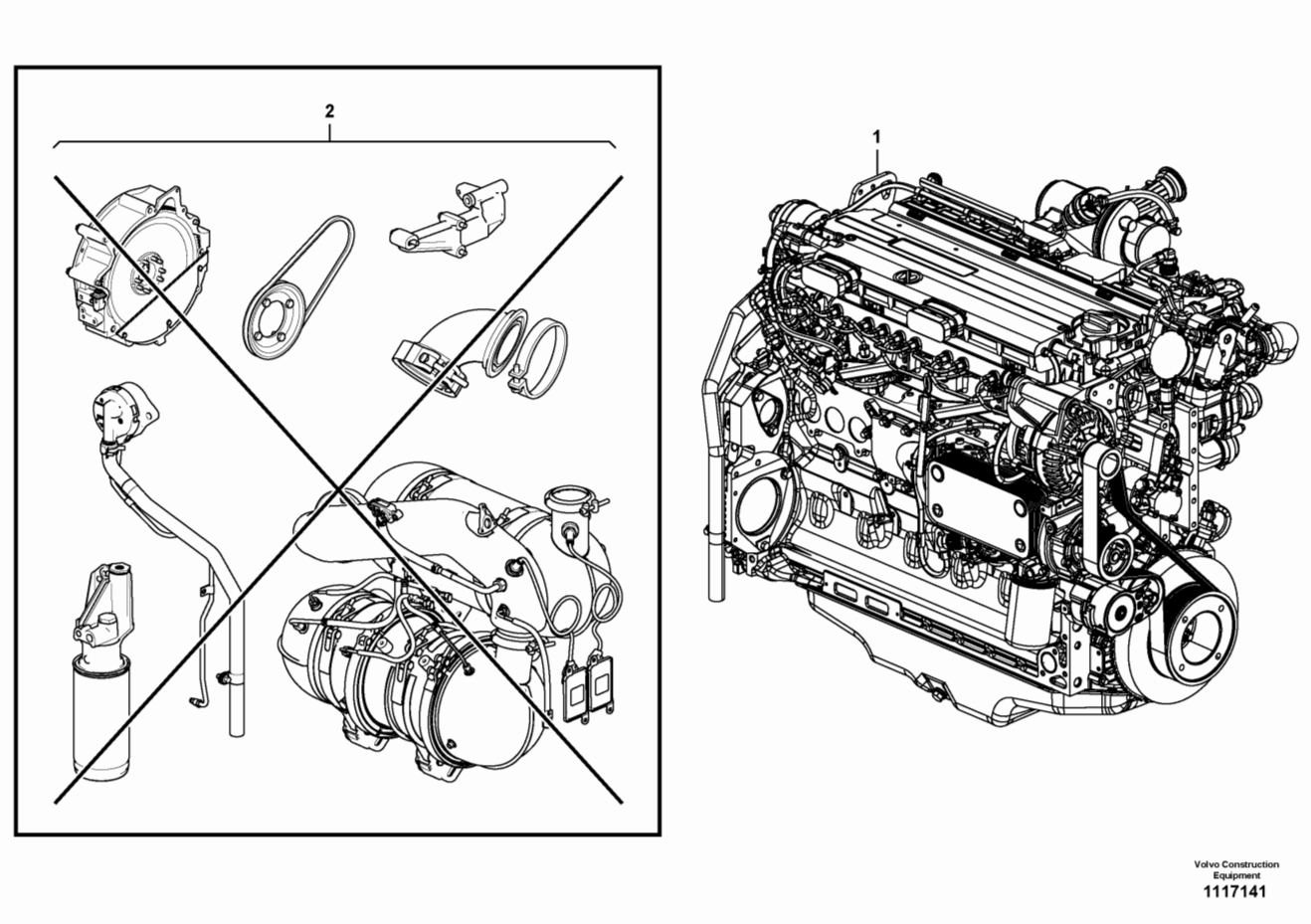
PROSIS Part Information

Date:	Image id:	Catalogue:	Model:
5/27/2026	**1117141**	**20866**	**EW240E MH**
Brand:	Serial: **320011-323000, 323001-**	Group/Section: **210/200**	Title: **Engine 8294627**



Section option	Kit	Option description
VOE8294627		Engine

Section footnote 4902) Aftermarket engine (Replacement version)

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE17511346	1							Engine		D6J EU, REMAN VOE9017511346
2									Diesel Particulate Filter		See footnote 3768)
2									Charge Air Pipe		See footnote 3768)
2									Fuel filter		See footnote 3768)
2									Flywheel housing		See footnote 3768)
2									Crankcase ventilation		See footnote 3768)
2									Compressor Bracket		See footnote 3768)
2									V-belt		See footnote 3768)
2									Flywheel		See footnote 3768)

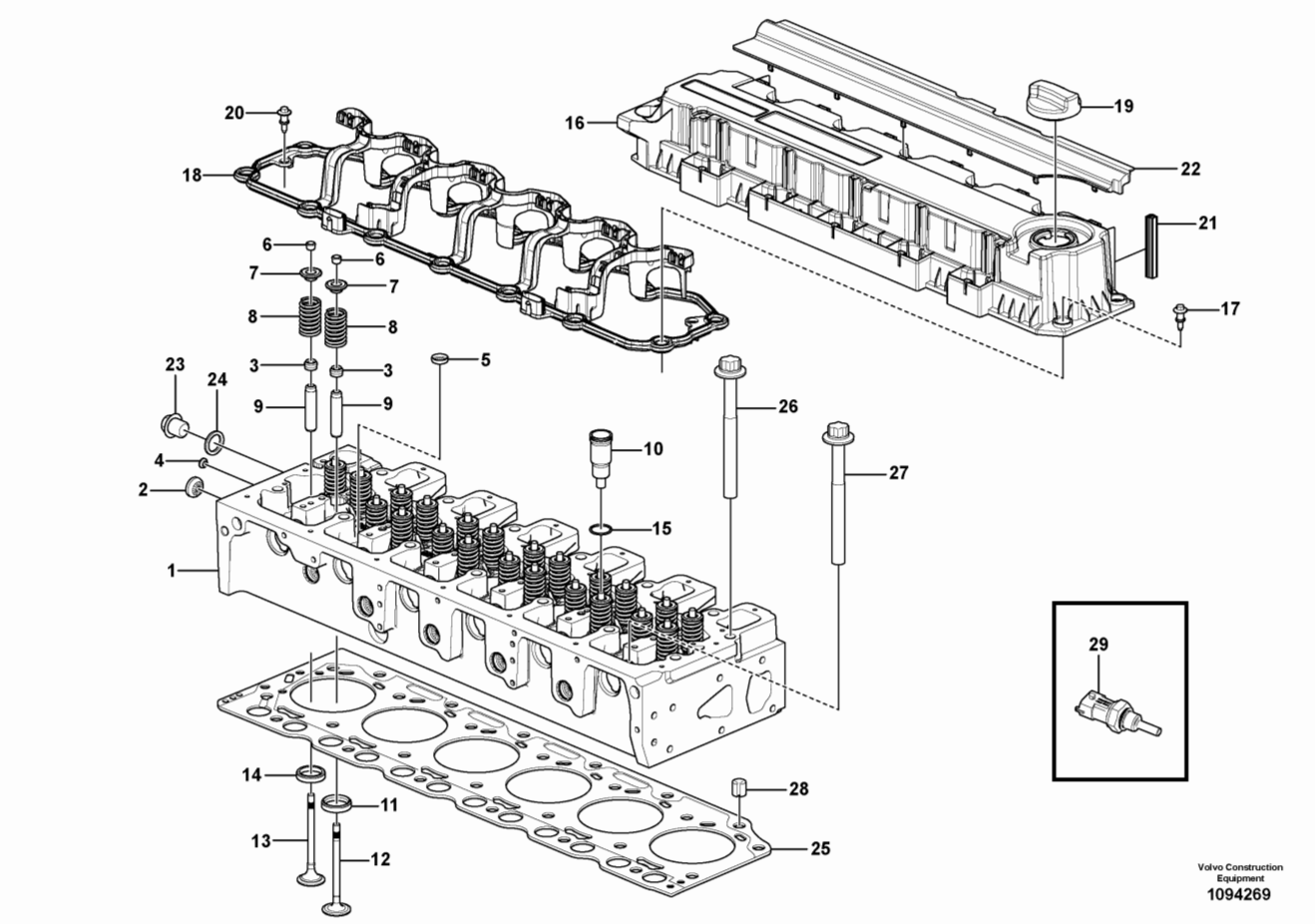
2									Pulley		See footnote 3768)

3768) Not included

VOLVO

PROSIS Part Information

Date:	Image id:	Catalogue:	Model:
5/27/2026	**1094269**	**20866**	**EW240E MH**
Brand:	Serial: **320011-323000, 323001-**	Group/Section: **211/100**	Title: **Cylinder head with fitting parts 17211917, 17480995, 17507009, 17668819**



Section option	Kit	Option description
VOE17211917		Engine D6, EU
VOE17480995		Engine D6 T4F, US
VOE17507009		Engine D6J T4F US
VOE17668819		Engine D6 STAGE V

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE22804280	1							Cylinder head		REMAN VOE9022804280
2	VOE20834024	6							•Cap plug		
3	VOE20459855	24							•Valve seal		
4	VOE20914266	2							•Core Plug		
5	VOE20412733	16							•Core plug		
6	VOE23699488	48							•Valve cotter		(VOE20459857)
7	VOE20788860	24							•Cap		
8	VOE21775124	24							•Valve spring		
9	VOE22494872	24							•Valve guide		See footnote 4914)

10	VOE20903104	6							•Sleeve		
11	VOE21775154	12							•Valve insert		
12	VOE22810953	12							•Inlet valve		
13	VOE22810655	12							•Exhaust valve		
14	VOE21775149	12							•Valve insert		
15	VOE20903092	6							•O-ring		
16	VOE21772081	1							Valve cover		
17	VOE21774068	16							•Shoulder screw		
18	VOE23185084	1							Gasket		
19	VOE20412589	1							Filler cap		
20	VOE21774068	2							Shoulder screw		
21	VOE21775052	1							Sealing cup		
22	VOE21774740	1							Cover strip		
23	VOE945065	1							Plug		
24	VOE13969011	1							Gasket		
25	VOE21773991	1							Cylinder head gasket		THICK = 1,30mm
	VOE21773992	1							Cylinder head gasket		THICK = 1,40mm
	VOE21773993	1							Cylinder head gasket		THICK = 1,50mm
26	VOE21774869	20							Flange screw		
27	VOE20459838	6							Bolt		
28	VOE20459839	2							Bushing		
29	VOE21531072	1							Temperature sensor		

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

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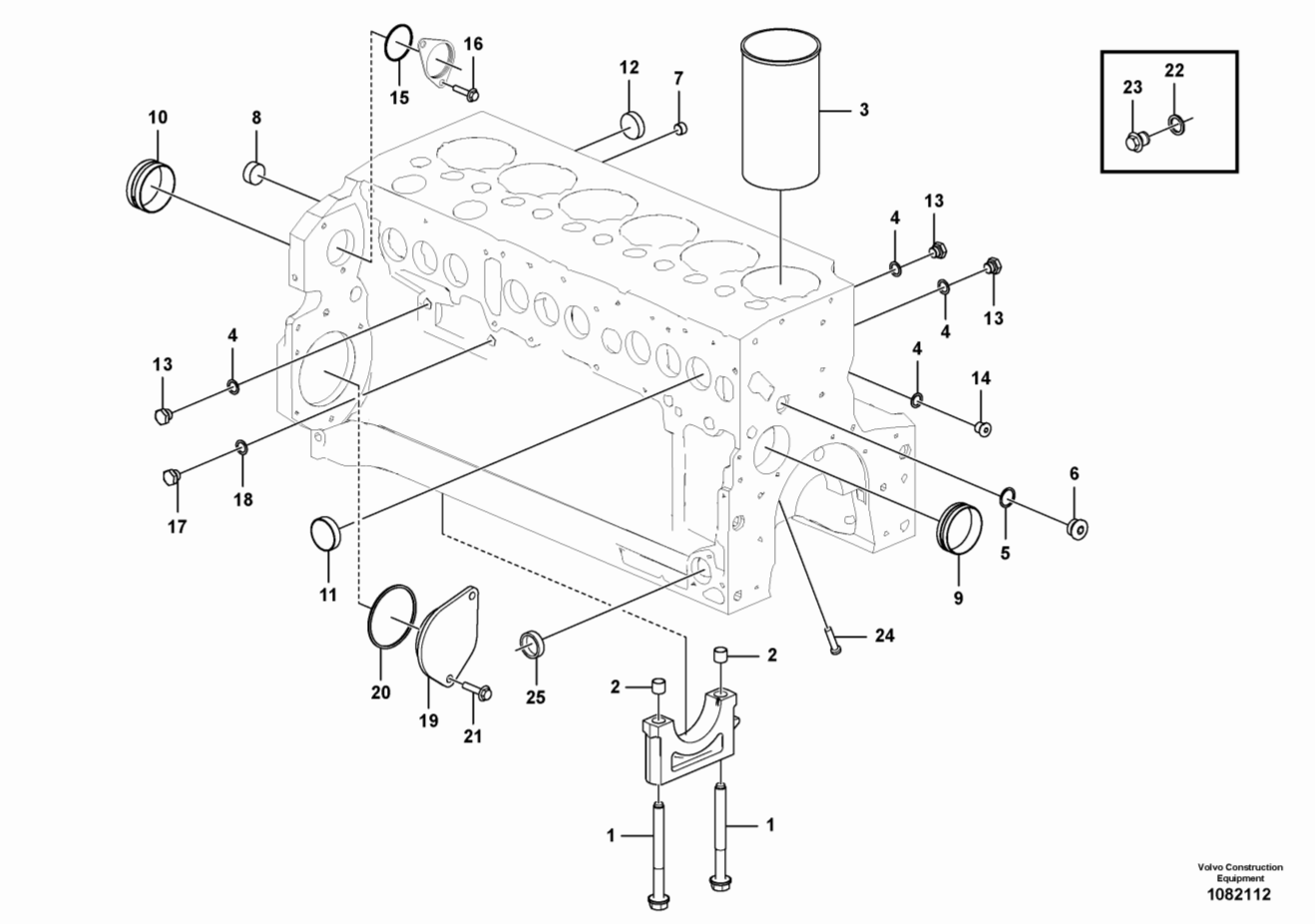
PROSIS Part Information

Date:	Image id:	Catalogue:	Model:
5/27/2026	**1082112**	**20866**	**EW240E MH**
Brand:	Serial: **320011-323000, 323001-**	Group/Section: **212/100**	Title: **Cylinder block 17211917, 17480995 ENG -12165403**



Section option	Kit	Option description
VOE17211917		Engine D6, EU
VOE17480995		Engine D6 T4F, US

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
		1					NS		Crankcase		ENG -11727608
	VOE22472596	1							Crankcase		ENG 11727609-
1	VOE20460006	14							•Screw		
2	VOE20460001	14							•Bushing		
3		6							•Cylinder Liner		See ref 213/100
4	VOE21108673	4							•Sealing ring		
5	VOE993680	1							•Gasket		
6	VOE20998904	1							•Plug		
7	VOE20508600	1							•Plug		
8	VOE20785813	1							•Plug		
9	VOE22384768	6							•Bearing bushing		ENG -11727608

9	VOE22472470	6							•Bearing bushing		ENG 11727609-
10	VOE22472464	1							•Bearing bushing		
11	VOE20405721	9							•Core plug		
12	VOE20412745	6							•Core plug		
13	VOE60112839	3							•Plug		
14	VOE945065	1							•Plug		
15	VOE20580547	1							Sealing ring		
16	VOE975108	2							Flange screw		
17	VOE60112839	1							Plug		
18	VOE13947621	1							Plane gasket		
19	VOE24426064	1							Cover		
20	VOE20412359	1							O-ring		
21	VOE975108	2							Flange screw		
22	VOE13947281	1							Gasket		
23	VOE20441859	1							Plug		
24	VOE20405561	6							Piston		
25	VOE20412745	1							Core plug		

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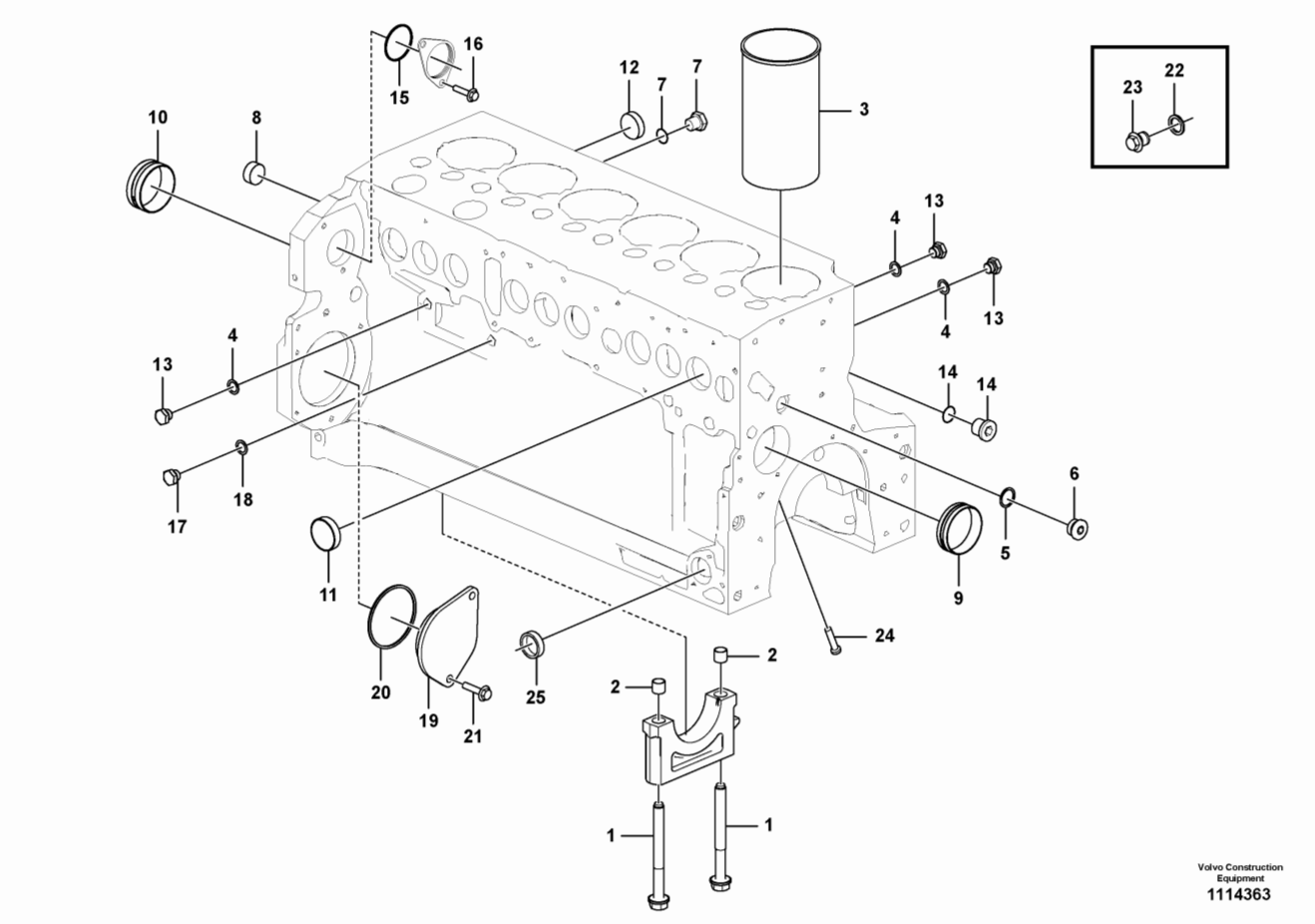
PROSIS Part Information

Date:	Image id:	Catalogue:	Model:
5/27/2026	**1114363**	**20866**	**EW240E MH**
Brand:	Serial: **320011-323000, 323001-**	Group/Section: **212/110**	Title: **Cylinder block 17211917, 17480995 ENG 12165404-**



Section option	Kit	Option description
VOE17211917		Engine D6, EU
VOE17480995		Engine D6 T4F, US

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
	VOE22472596	1							Crankcase		
1	VOE20460006	14							•Screw		
2	VOE20460001	14							•Bushing		
3		6							•Cylinder Liner		See ref 213/100
4	VOE21108673	4							•Sealing ring		
5	VOE993680	1							•Gasket		
6	VOE20998904	1							•Plug		
7	VOE20508600	1							•Plug		ENG -12676767
7	VOE24131681	1							•Hollow screw		ENG 12676768-
7	VOE60114081	1							••Plug		
7	VOE993677	1							••Gasket		

8	VOE20785813	1							•Plug		
9	VOE22472470	6							•Bearing bushing		
10	VOE22472464	1							•Bearing bushing		
11	VOE20405721	9							•Core plug		
12	VOE20412745	6							•Core plug		
13	VOE60112839	3							•Plug		
14	VOE945065	1							•Plug		ENG -12676767
14	VOE21108673	1							•Sealing ring		ENG -12676767
14	VOE24131681	1							•Hollow screw		ENG 12676768-
14	VOE60114081	1							••Plug		
14	VOE993677	1							••Gasket		
15	VOE20580547	1							Sealing ring		
16	VOE975108	2							Flange screw		
17	VOE60112839	1							Plug		
18	VOE993677	1							Gasket		
19	VOE22740676	1							Cover		
20	VOE20412359	1							O-ring		
21	VOE60113409	2							Flange screw		
22	VOE13947281	1							Gasket		
23	VOE20441859	1							Plug		
24	VOE20405561	6							Piston		
25	VOE20412745	1							Core plug		

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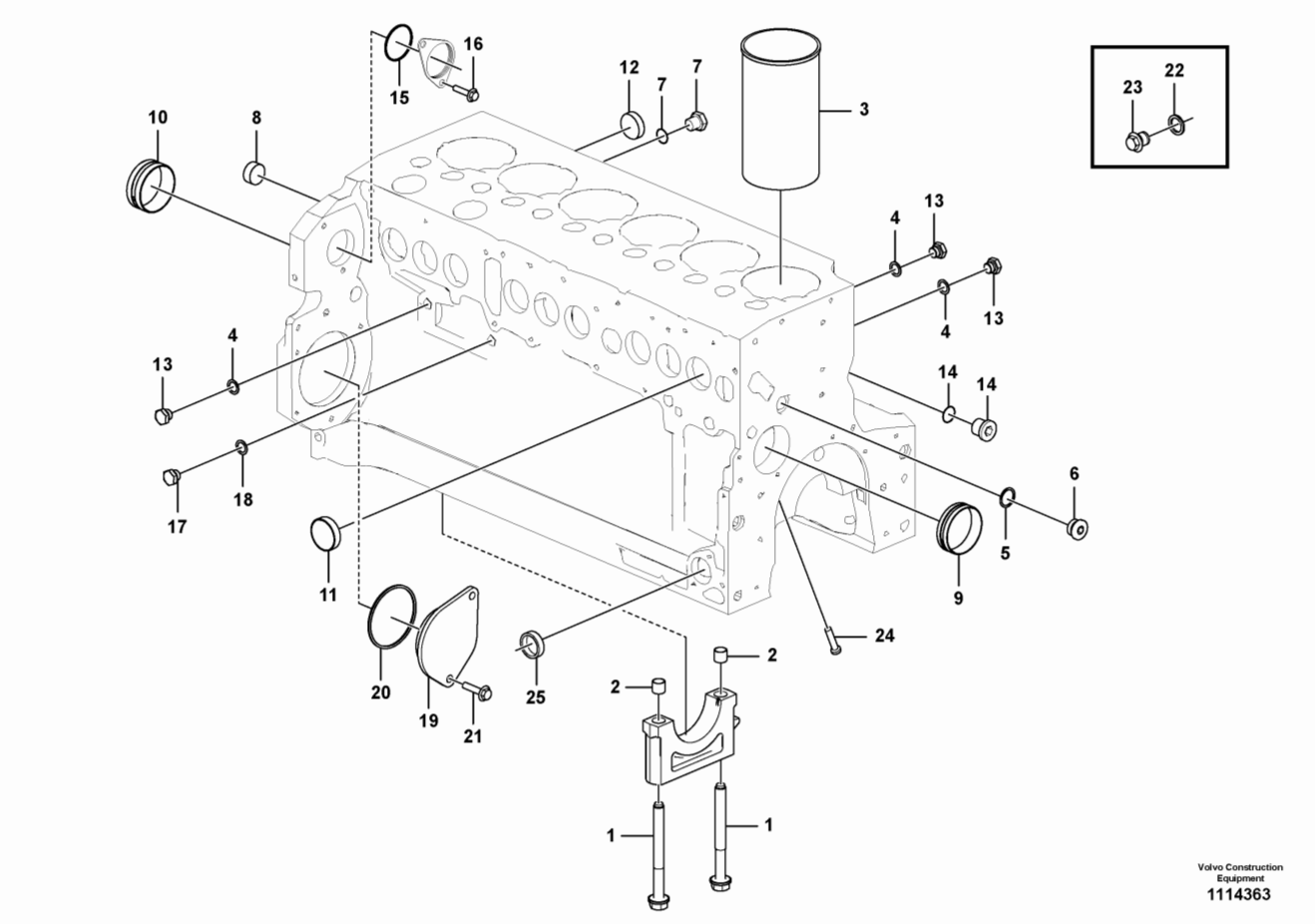
PROSIS Part Information

Date:	Image id:	Catalogue:	Model:
5/27/2026	**1114363**	**20866**	**EW240E MH**
Brand:	Serial: **320011-323000, 323001-**	Group/Section: **212/150**	Title: **Cylinder block 17507009, 17668819**



Section option	Kit	Option description
VOE17507009		Engine D6J T4F US
VOE17668819		Engine D6 STAGE V

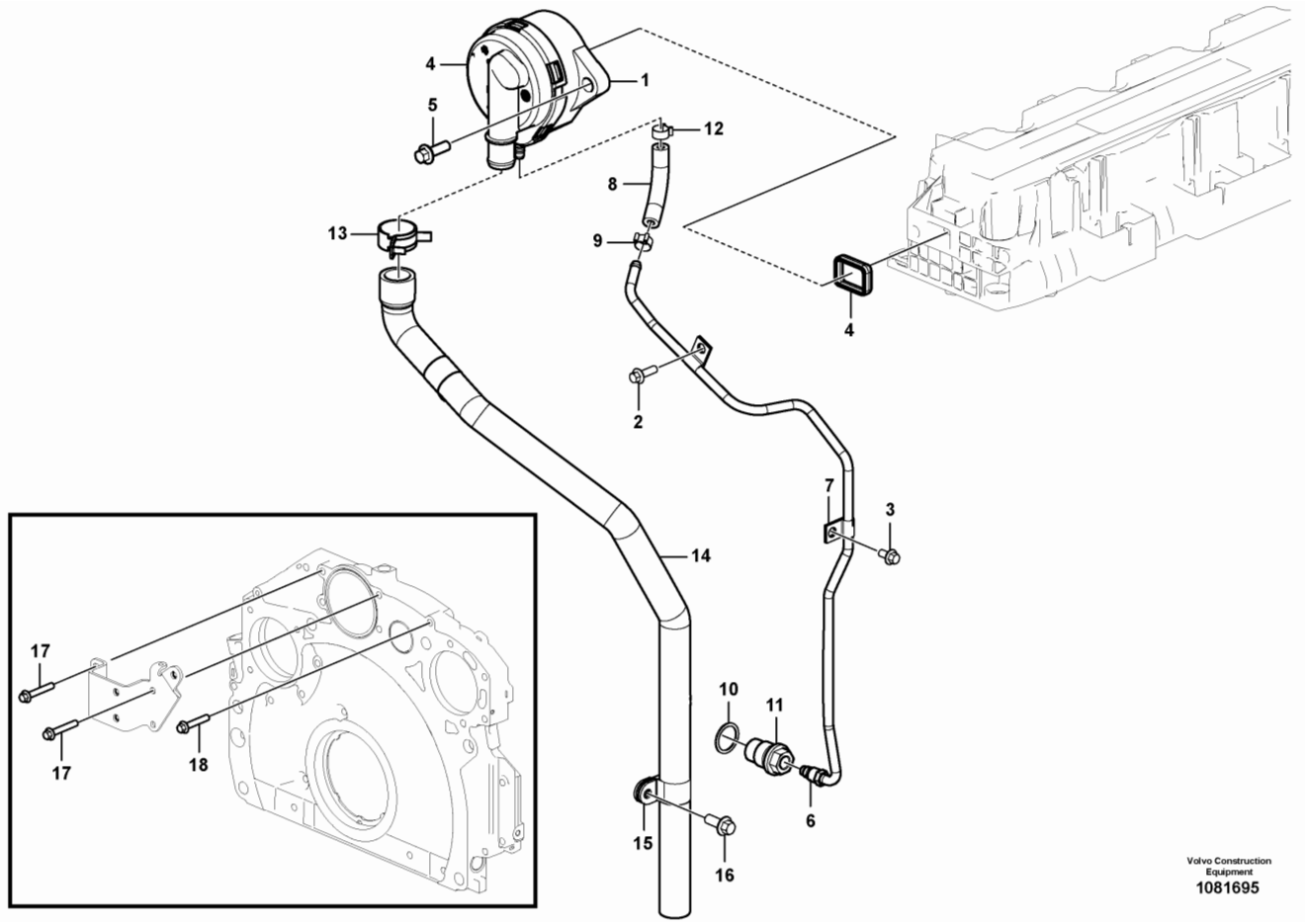
Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE20460006	14							Screw		
2	VOE20460001	14							Bushing		
3	VOE17513752	6							Cylinder liner kit		See ref 213/100
4	VOE21108673	4							Sealing ring		
5	VOE993680	1							Gasket		
6	VOE20998904	1							Plug		
7	VOE20508600	1							Plug		ENG -12676767
7	VOE24131681	1							Hollow screw		ENG 12676768-
7	VOE60114081	1							•Plug		
7	VOE993677	1							•Gasket		
8	VOE20785813	1							Plug		

9	VOE22384768	6							Bearing bushing		
10	VOE22472464	1							Bearing bushing		
11	VOE20405721	9							Core plug		
12	VOE20412745	6							Core plug		
13	VOE60112839	3							Plug		
14	VOE945065	1							Plug		ENG -12676767
14	VOE21108673	1							Sealing ring		ENG -12676767
14	VOE24131681	1							Hollow screw		ENG 12676768-
14	VOE60114081	1							•Plug		
14	VOE993677	1							•Gasket		
15	VOE20580547	1							Sealing ring		
16	VOE975108	2							Flange screw		
17	VOE60112839	1							Plug		
18	VOE993677	1							Gasket		
19	VOE22740676	1							Cover		
20	VOE20412359	1							O-ring		
21	VOE60113409	2							Flange screw		
22	VOE13947281	1							Gasket		
23	VOE20441859	1							Plug		
24	VOE20405561	6							Piston		
25	VOE20412745	1							Core plug		

VOLVO

PROSIS Part Information

Date:	Image id:	Catalogue:	Model:
5/27/2026	**1081695**	**20866**	**EW240E MH**
Brand:	Serial: **320011-323000, 323001-**	Group/Section: **212/300**	Title: **Crankcase ventilation 17211917, 17480995, 17507009, 17668819**



Section option	Kit	Option description
VOE17211917		Engine D6, EU
VOE17480995		Engine D6 T4F, US
VOE17507009		Engine D6J T4F US
VOE17668819		Engine D6 STAGE V

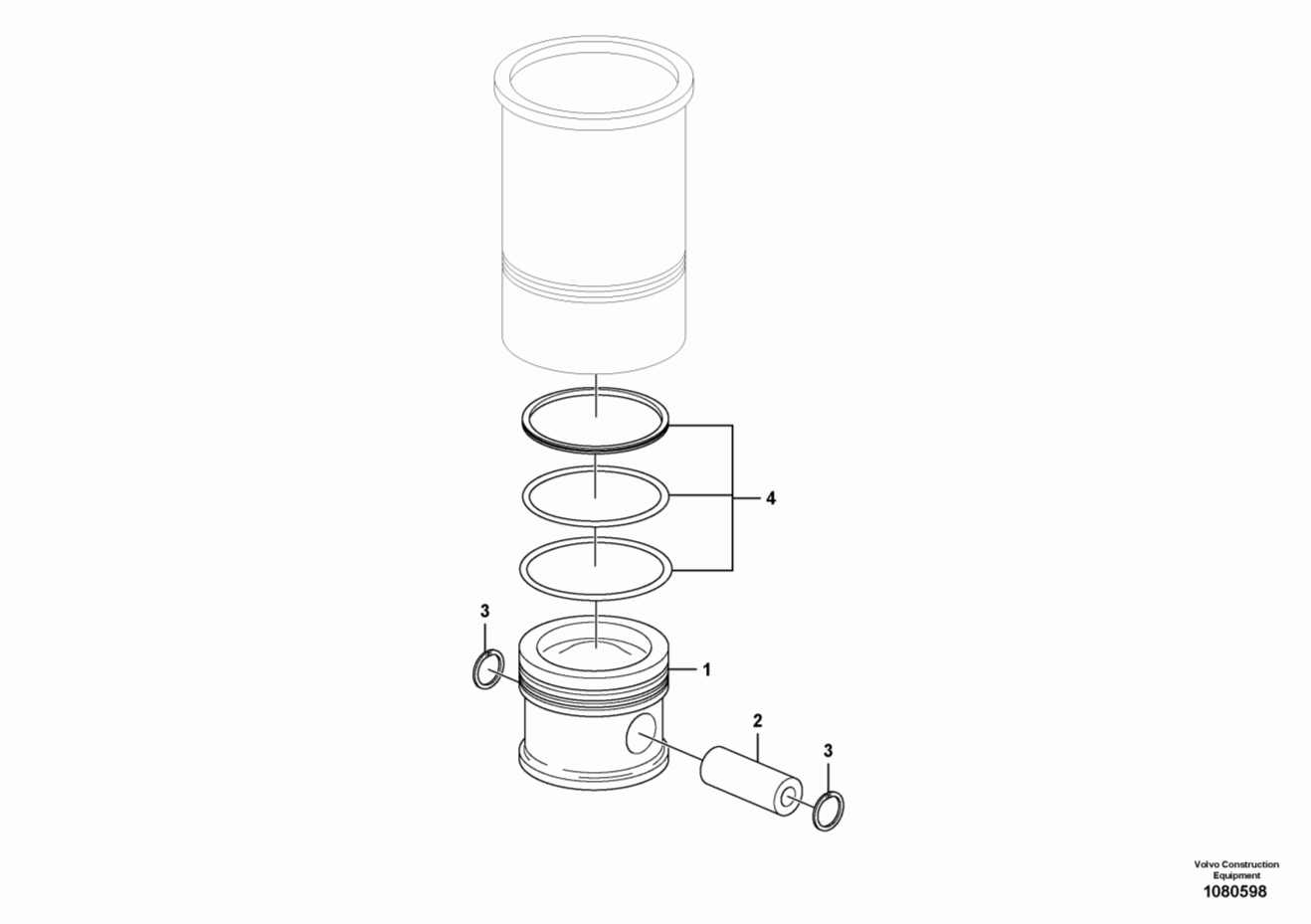
Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE20930510	1							Oil separator		
2	VOE20405885	1							Screw		
3	VOE20405729	1							Screw		
4	VOE21038626	1							Plane gasket		
5	VOE20405504	2							Screw		
6	VOE22431180	1							Leak-off line		
7		2					NS		•Clamp		
8	VOE20971632	1							•Rubber hose		
9	VOE20971607	1							•Hose clamp		

10	VOE20460026	1							Sealing ring		
11	VOE21496705	1							Drain valve		
12	VOE20971607	1							Hose clamp		
13	VOE20405755	1							Clamping band		
14	VOE23218107	1							Tube		(VOE21774609)
15	VOE20798837	2							Attaching clamp		
16	VOE20405885	2							Screw		
17	VOE20405672	4							Screw		
18	VOE20450801	1							Screw		

VOLVO

PROSIS Part Information

Date:	Image id:	Catalogue:	Model:
5/27/2026	**1080598**	**20866**	**EW240E MH**
Brand:	Serial: **320011-323000, 323001-**	Group/Section: **213/100**	Title: **Cylinder liner and piston 17211917, 17480995, 17507009, 17668819**



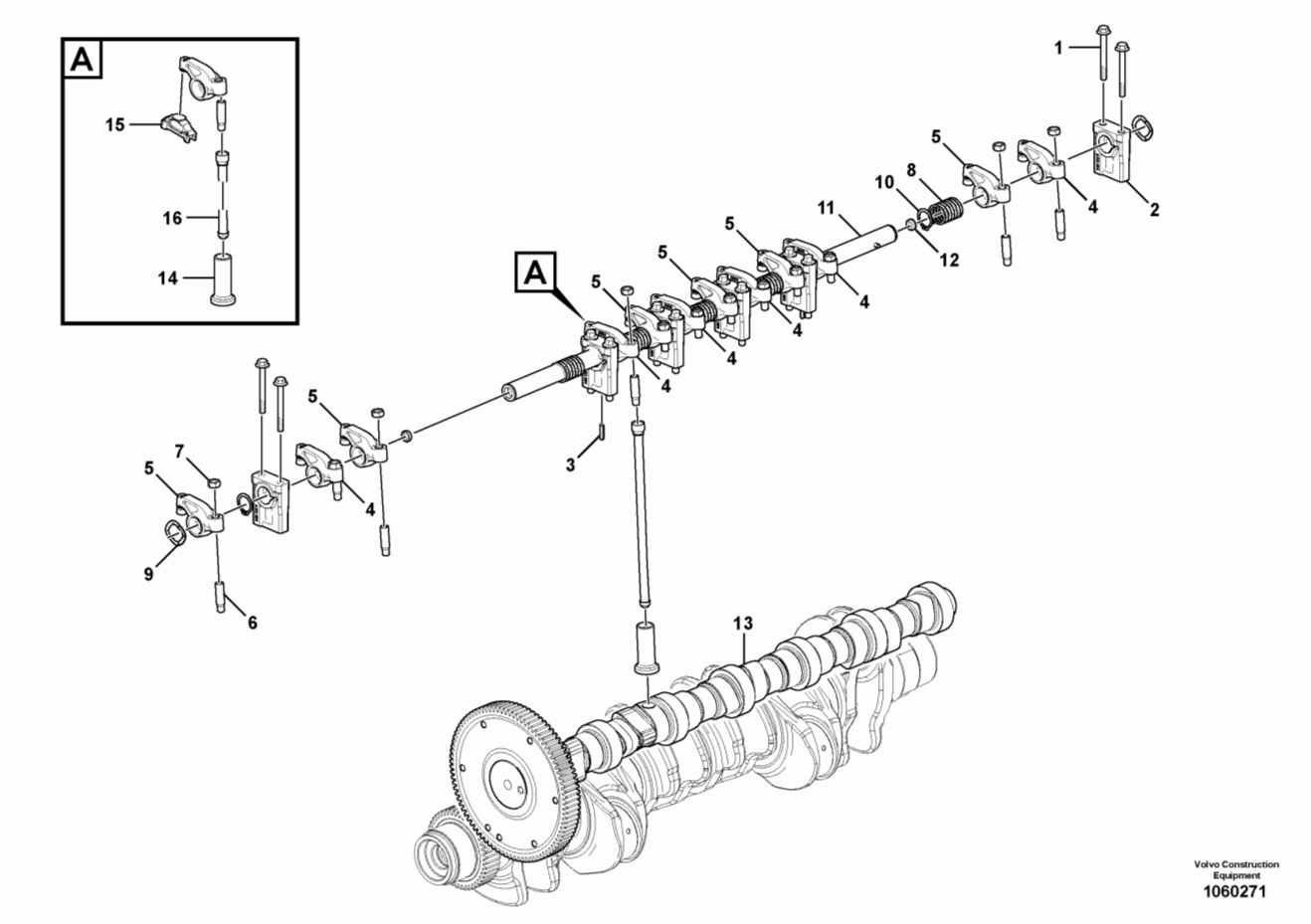
Section option	Kit	Option description
VOE17211917		Engine D6, EU
VOE17480995		Engine D6 T4F, US
VOE17507009		Engine D6J T4F US
VOE17668819		Engine D6 STAGE V

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
	VOE17513752	1							Cylinder liner kit		
1		1					NS		•Cylinder Liner		
2	VOE22384903	1							••Piston		
3	VOE22385327	1							••Gudgeon pin		
4	VOE914523	2							••Retaining ring		
5	VOE22385267	1							••Piston ring kit		

VOLVO

PROSIS Part Information

Date:	Image id:	Catalogue:	Model:
5/27/2026	**1060271**	**20866**	**EW240E MH**
Brand:	Serial: **320011-323000, 323001-**	Group/Section: **214/100**	Title: **Valve mechanism 17211917, 17480995, 17507009, 17668819**



Section option	Kit	Option description
VOE17211917		Engine D6, EU
VOE17480995		Engine D6 T4F, US
VOE17507009		Engine D6J T4F US
VOE17668819		Engine D6 STAGE V

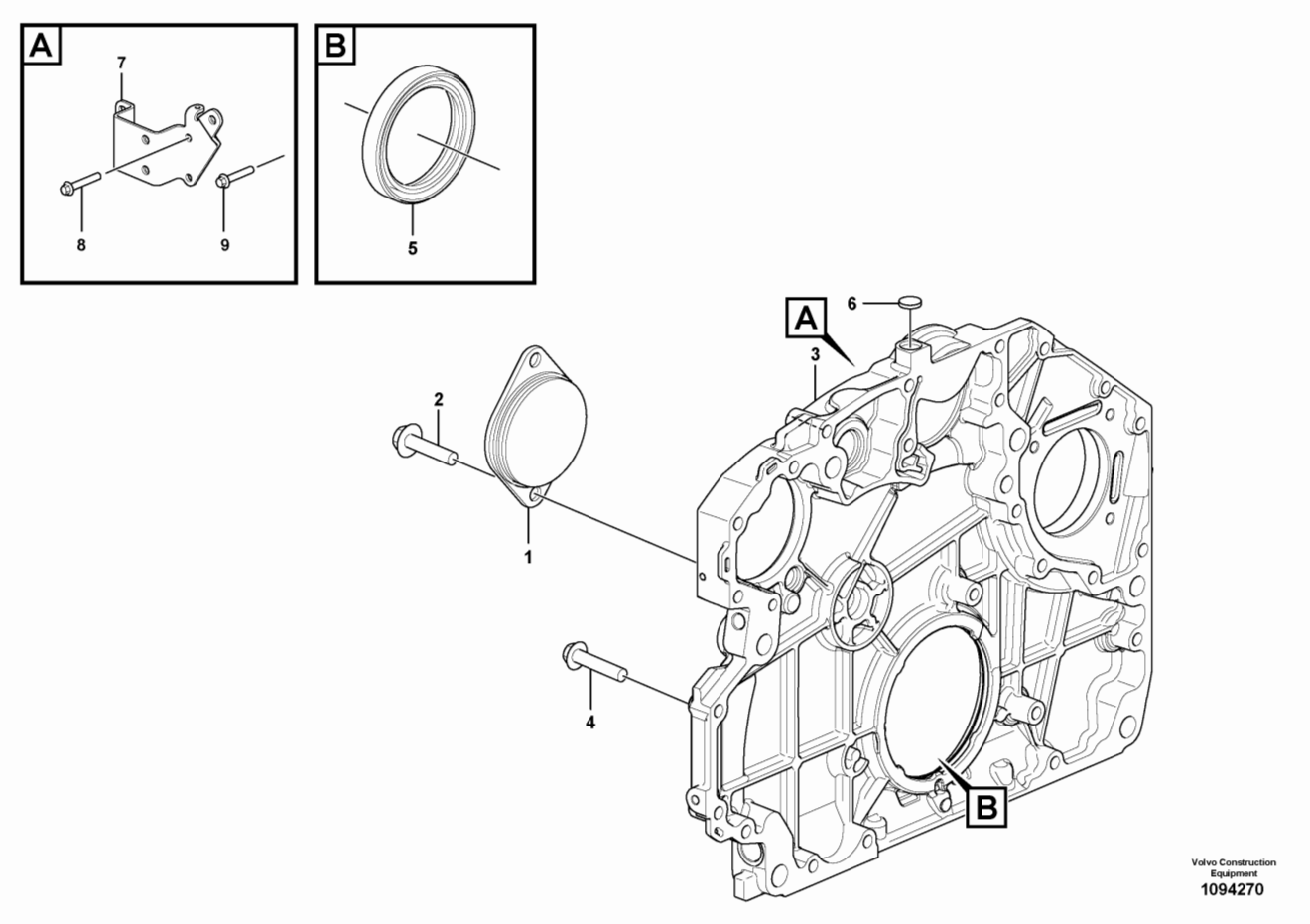
Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE20405723	12							Screw		
2	VOE21770895	6							Bracket		
3	VOE996089	2							Spring pin		
4	VOE22472721	6							Rocker arm		
5	VOE22472731	6							Rocker arm		
6		12					NS				
7	VOE11700373	12							Nut		
8	VOE20800018	5							Compression spring		
9	VOE21774733	2							Raceway washer		

10	VOE914456	2							Retaining ring		
11	VOE21773506	1							Rocker arm shaft		
12	VOE20799622	2							Cap plug		
13	VOE22472450	1							Camshaft		
14	VOE22472758	12							Tappet		
15	VOE21775113	12							Valve bridge		
16	VOE23010491	12							Push rod		

VOLVO

PROSIS Part Information

Date:	Image id:	Catalogue:	Model:
5/27/2026	**1094270**	**20866**	**EW240E MH**
Brand:	Serial: **320011-323000, 323001-**	Group/Section: **215/150**	Title: **Timing gear 17211917, 17480995, 17507009, 17668819**



Section option	Kit	Option description
VOE17211917		Engine D6, EU
VOE17480995		Engine D6 T4F, US
VOE17507009		Engine D6J T4F US
VOE17668819		Engine D6 STAGE V

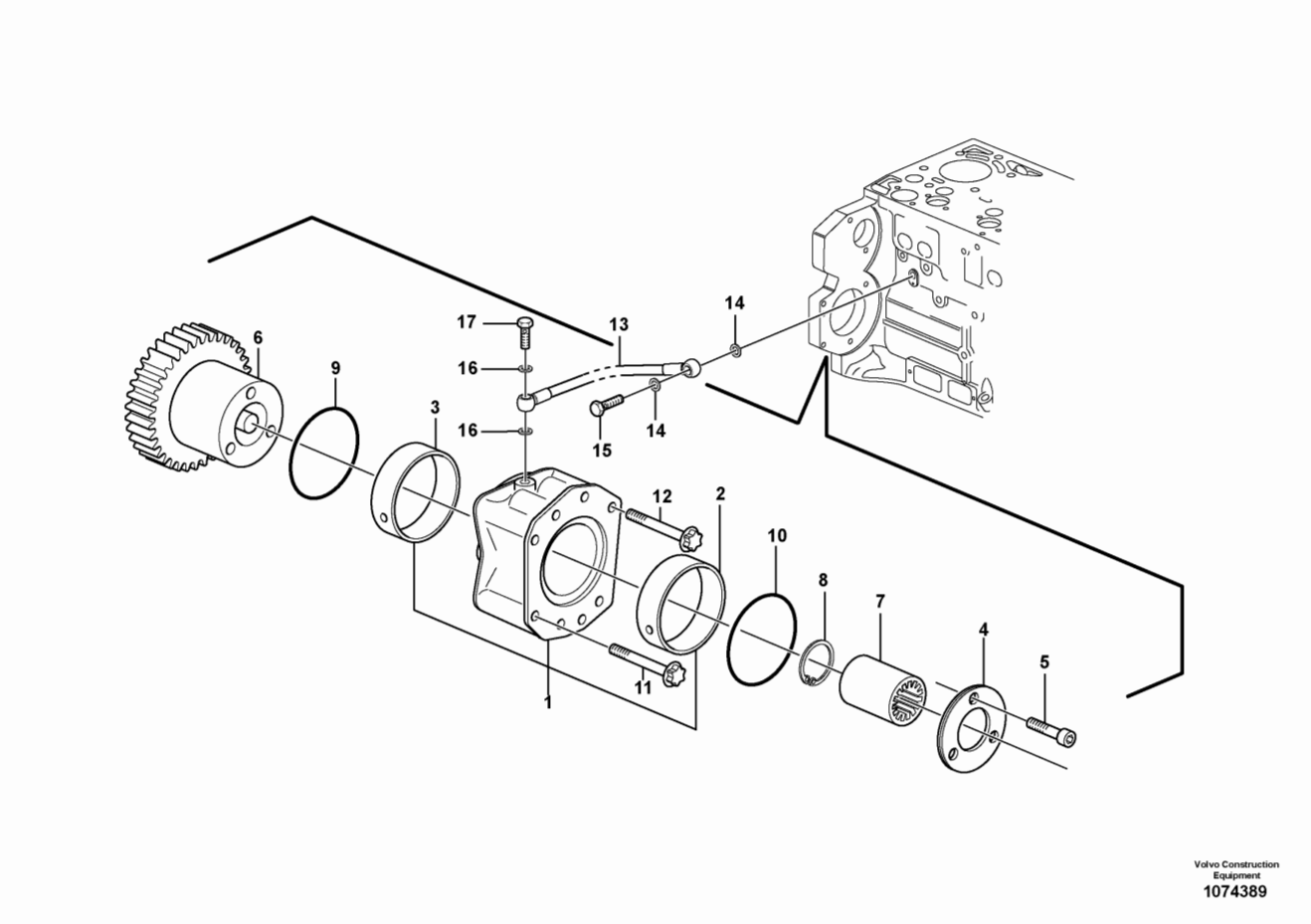
Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE22610639	1							Cover		
2	VOE20450801	4							Screw		
3	VOE22444773	1							Timing gear casing		ENG -12318323
3	VOE23377567	1							Flywheel housing		ENG 12318324-
4	VOE996777	12							Flange screw		
5	VOE21628356	1							Crankshaft seal		
6	VOE20951211	1							Cap plug		
7		1					NS		Bracket		
8	VOE20405672	4							Screw		

9	VOE20450801	1							Screw		

VOLVO

PROSIS Part Information

Date: **5/27/2026**	Image id: **1074389**	Catalogue: **20866**	Model: **EW240E MH**
Brand:	Serial: **320011-323000, 323001-**	Group/Section: **215/500**	Title: **Pump drive power take-off 8299829**



Section option	Kit	Option description
VOE8299829		Reversible cooling fan

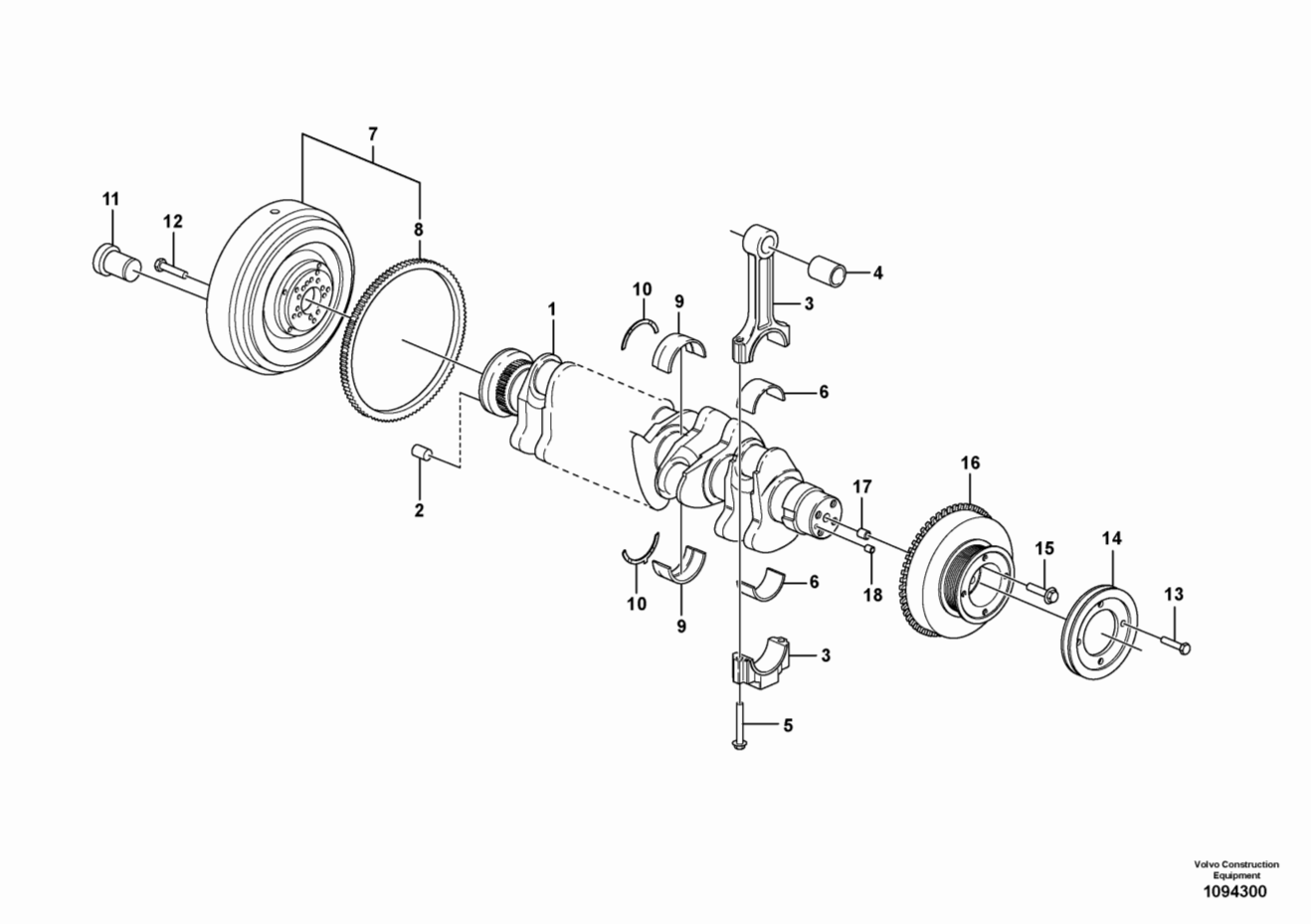
Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
	VOE21664632	1							Kit		
	VOE21250587	1							•Hydraulic pump		
1	VOE20450805	1							••Bearing flange		
2	VOE20450809	1							•••Bushing		
3	VOE20450807	1							•••Bushing		
4	VOE20450811	1							••Thrust washer		
5	VOE20450822	3							••Screw		
6	VOE21249506	1							••Gear		
7	VOE20459123	1							•Sleeve		
8	VOE20450815	1							••Snap ring		
9	VOE20450818	1							•O-ring		
10	VOE20450819	1							•O-ring		

11	VOE21077470	2							•Hex. socket screw		
12	VOE22316512	2							•Six point screw		
13	VOE20459170	1							•Oil line		
14	VOE13947621	2							•Plane gasket		
15	VOE60113509	1							•Hollow screw		(VOE7025167)
16	VOE13947281	2							•Gasket		
17	VOE980973	1							•Hollow screw		(VOE20460289)

VOLVO

PROSIS Part Information

Date:	Image id:	Catalogue:	Model:
5/27/2026	**1094300**	**20866**	**EW240E MH**
Brand:	Serial: **320011-323000, 323001-**	Group/Section: **216/100**	Title: **Crankshaft and related parts 17211917, 17480995, 17507009, 17668819**



Section option	Kit	Option description
VOE17211917		Engine D6, EU
VOE17480995		Engine D6 T4F, US
VOE17507009		Engine D6J T4F US
VOE17668819		Engine D6 STAGE V

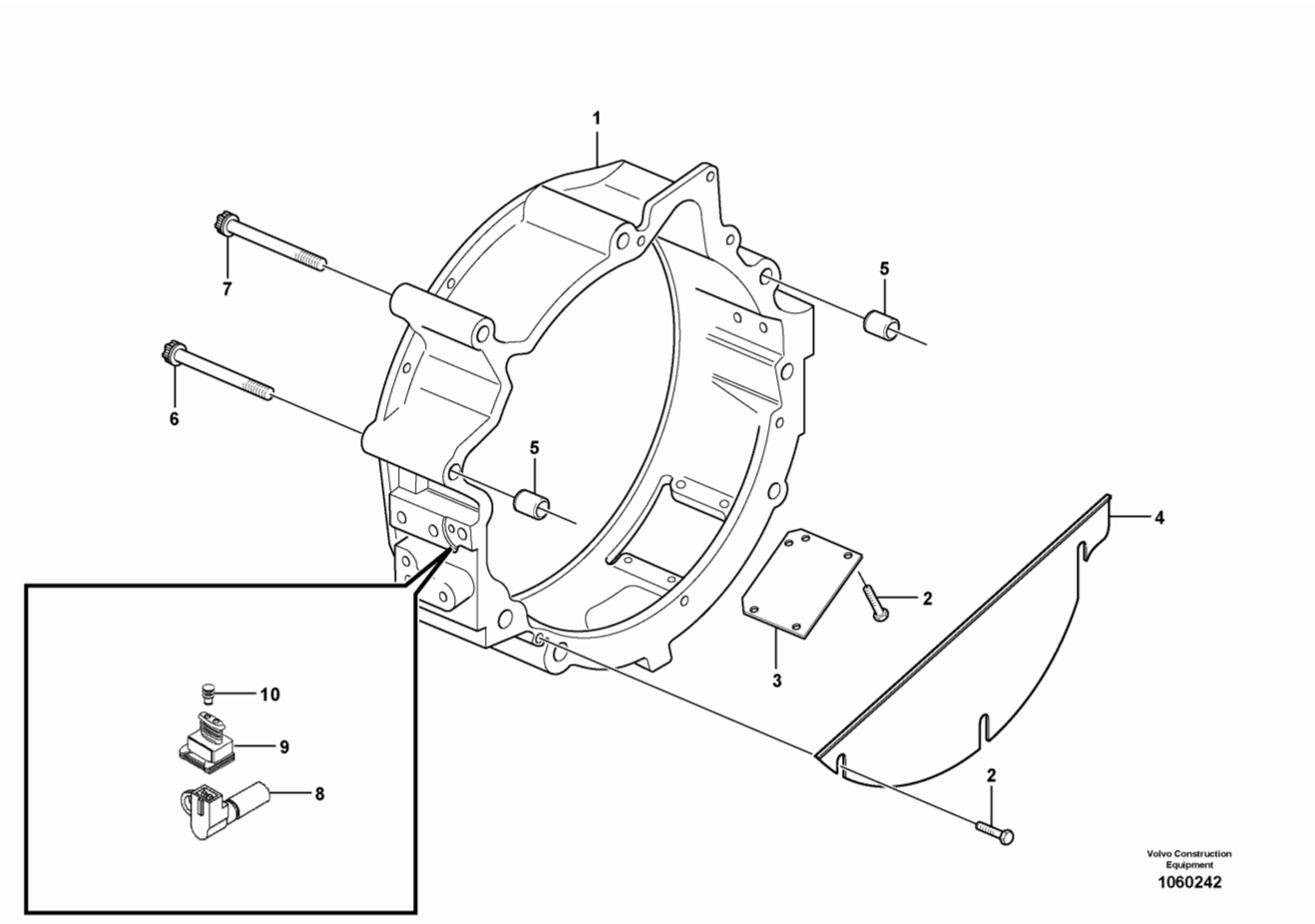
Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE21351237	1							Crankshaft		REMAN VOE9021351237
2	VOE20459144	10							Insert		
3	VOE20851091	1							Connecting rod		
4	VOE20799647	1							•Piston bushing		
5	VOE20799587	2							•Flange screw		
6	VOE20850096	1							Big-end bearing kit		STD 70,00MM
6	VOE20850097	1							Big-end bearing kit		U SZ 69,75MM
7	VOE21135398	1					SS		Flywheel		ENG -12624601
8	VOE22003479	1							•Starter gear ring		

7	VOE23974639	1							Flywheel		ENG 12624602-
8	VOE23068179	1					SS		•Starter gear ring		
9	VOE22967564	7							Main bearing		STD 84,00MM
9	VOE22967569	7							Main bearing		U SZ 83,75MM
10	VOE20850116	2							Thrust washer		STD 2,15MM
10	VOE22967562	2							Thrust washer		O SZ 2,35MM
11	VOE21013085	5							Expansion plug		
11	VOE20405643	5							Plug		
12	VOE20450835	10							Screw		
13	VOE20459156	4							Screw		
14	VOE20459155	1							Pulley		
15	VOE20405724	4							Screw		
16	VOE20799122	1							V-belt pulley		
17	VOE20405634	1							Spring pin		
18	VOE20450628	1							Pin		

VOLVO

PROSIS Part Information

Date:	Image id:	Catalogue:	Model:
5/27/2026	**1060242**	**20866**	**EW240E MH**
Brand:	Serial: **320011-323000, 323001-**	Group/Section: **216/200**	Title: **Flywheel housing 17211917, 17480995, 17507009, 17668819**



Section option	Kit	Option description
VOE17211917		Engine D6, EU
VOE17480995		Engine D6 T4F, US
VOE17507009		Engine D6J T4F US
VOE17668819		Engine D6 STAGE V

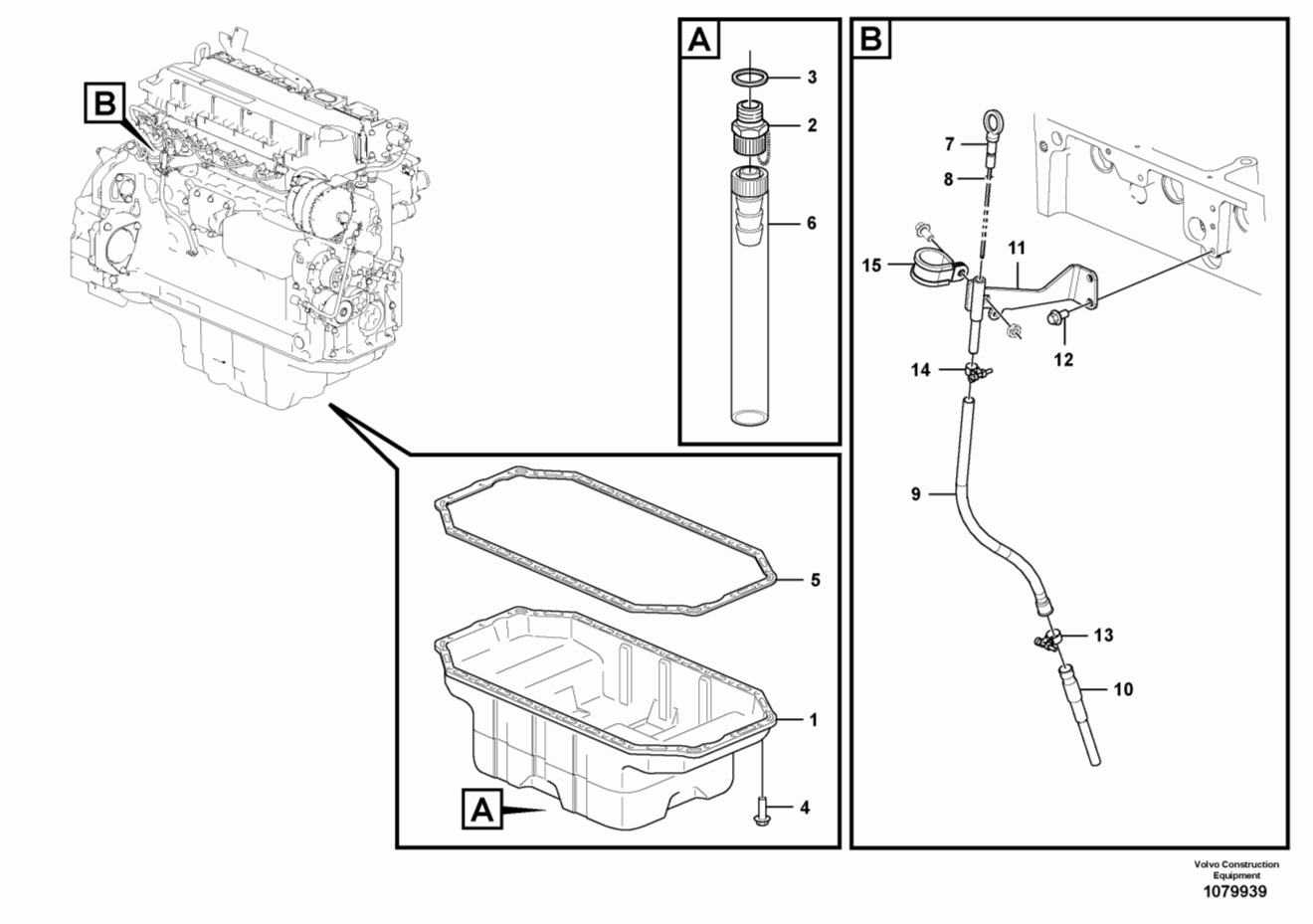
Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE21044436	1							Flywheel housing		
2	VOE20405729	7							•Screw		
3	VOE20547288	1							•Cover Plate		
4	VOE20459989	1							•Cover		
5	VOE20405521	2							Guide pin		
6	VOE20459996	2							Screw		
7	VOE20459995	4							Screw		
8	VOE20964264	1							Sensor		SE2704
9	VOE20551333	1							Housing		

10	VOE20459896	2							Plug		

VOLVO

PROSIS Part Information

Date:	Image id:	Catalogue:	Model:
5/27/2026	**1079939**	**20866**	**EW240E MH**
Brand:	Serial: **320011-323000, 323001-**	Group/Section: **217/100**	Title: **Oil sump with mounting parts 17211917, 17480995, 17507009, 17668819**



Section option	Kit	Option description
VOE17211917		Engine D6, EU
VOE17480995		Engine D6 T4F, US
VOE17507009		Engine D6J T4F US
VOE17668819		Engine D6 STAGE V

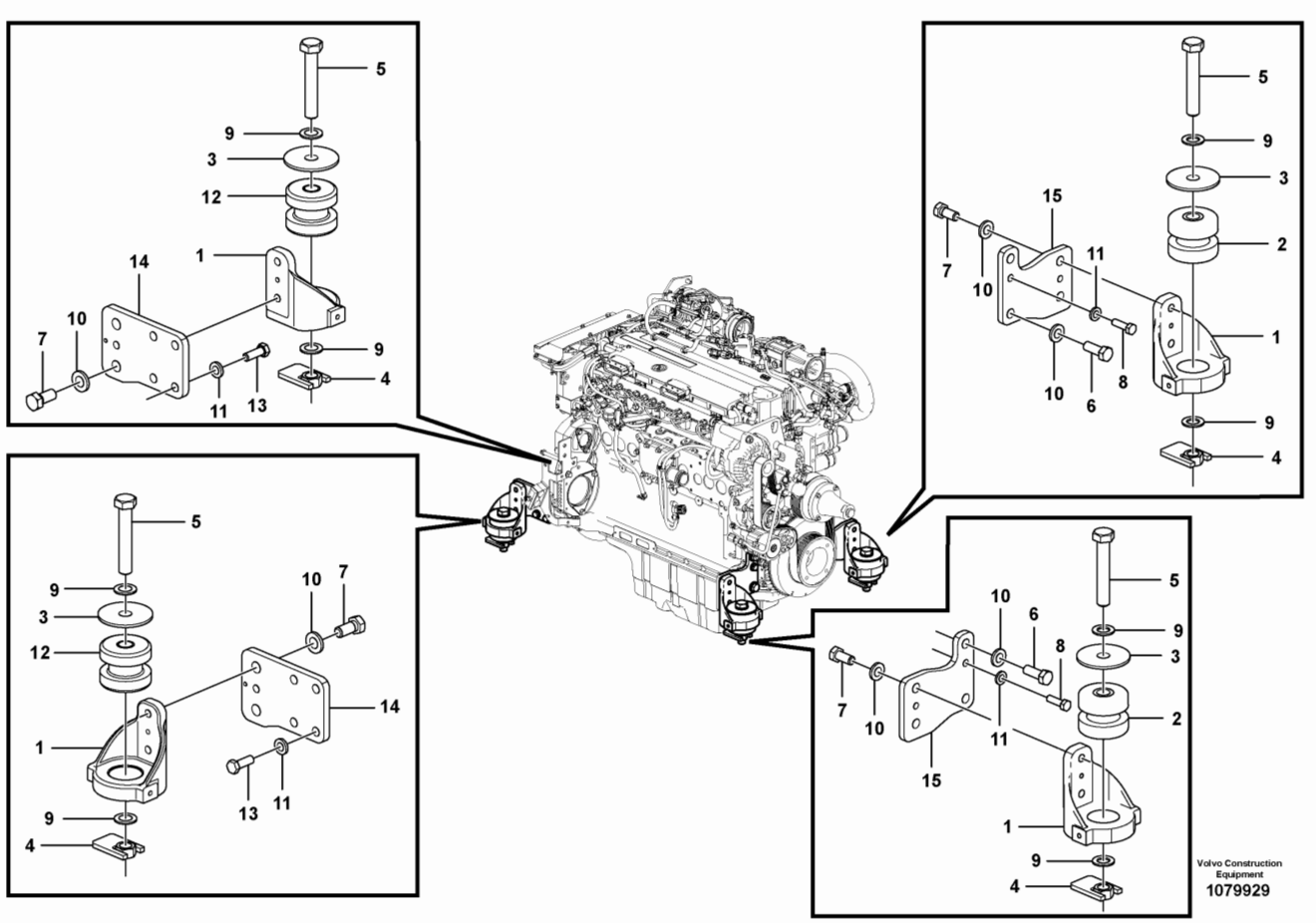
Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE20840491	1							Oil pan		
2	VOE22879098	1							Drain valve		
3	VOE993679	1							Gasket		
4	VOE20405792	28							Screw		
5	VOE20460022	1							Gasket		
6	VOE20478246	1							Hose connection		
7	VOE21899602	1							Dipstick		
8	VOE20460218	1							•O-ring		
9	VOE21774901	1							Guide tube		

10	VOE23091815	1							Guide tube		
11	VOE21772163	1							Bracket		
12	VOE20405792	3							Screw		
13	VOE20460214	1							Clip		
14	VOE20460215	1							Clip		
15	VOE20451002	1							Clamp		

VOLVO

PROSIS Part Information

Date:	Image id:	Catalogue:	Model:
5/27/2026	**1079929**	**20866**	**EW240E MH**
Brand:	Serial: **320011-323000, 323001-**	Group/Section: **218/100**	Title: **Engine mounting**



Section option	Kit	Option description
VOE8299723		Basic Machine

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE14572876	4							Bracket		
2	VOE14526154	2							Cushion		
3	VOE14526169	4							Plate		
4	VOE14728253	4							Nut		
5	VOE60110015	4							Hexagon screw		
6	VOE60110032	4							Hexagon screw		
7	VOE997459	8							Hexagon screw		
8	VOE997447	2							Hexagon screw		
9	VOE14377796	8							Washer		
10	VOE60110299	12							Washer		
11	VOE60110347	10							Washer		
12	VOE14526155	2							Cushion		

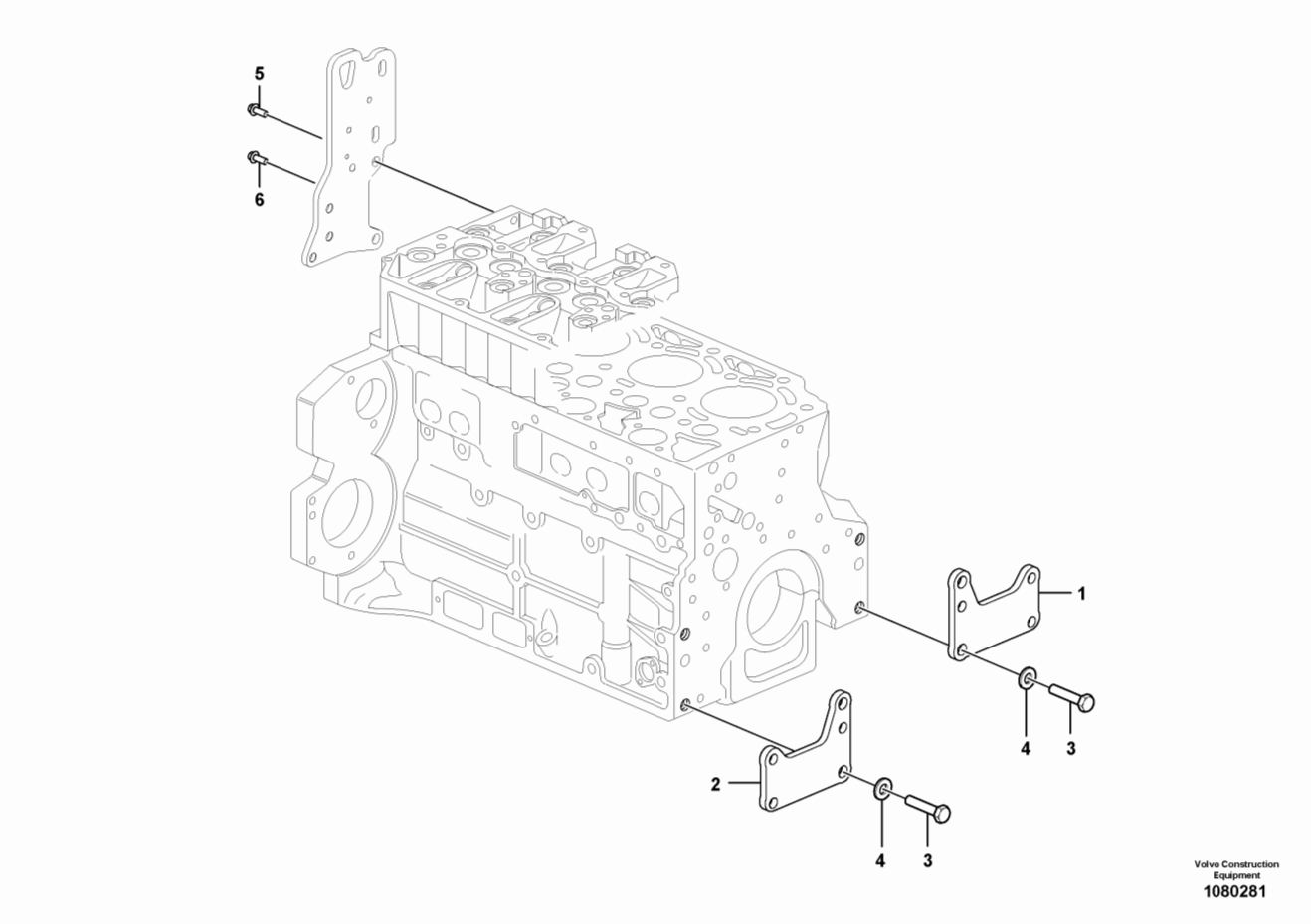
13	VOE997953	8							Hexagon screw		
14	VOE14607119	2							Plate		
15		2					NS		Plate		

Product: EW240E MH Part Manual1
Full Download: https://www.arepairmanual.com/downloads/ew240e-mh-part-manual1/

VOLVO

PROSIS Part Information

Date: **5/27/2026**	Image id: **1080281**	Catalogue: **20866**	Model: **EW240E MH**
Brand:	Serial: **320011-323000, 323001-**	Group/Section: **218/200**	Title: **Engine mounting 17211917, 17480995, 17507009, 17668819**



Section option	Kit	Option description
VOE17211917		Engine D6, EU
VOE17480995		Engine D6 T4F, US
VOE17507009		Engine D6J T4F US
VOE17668819		Engine D6 STAGE V

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	VOE997824	4							Washer		
5	VOE996813	3							Flange screw		
6	VOE60113228	2							Flange screw		

Sample manual. Download All 1019 pages at:
https://www.arepairmanual.com/downloads/ew240e-mh-part-manual1/