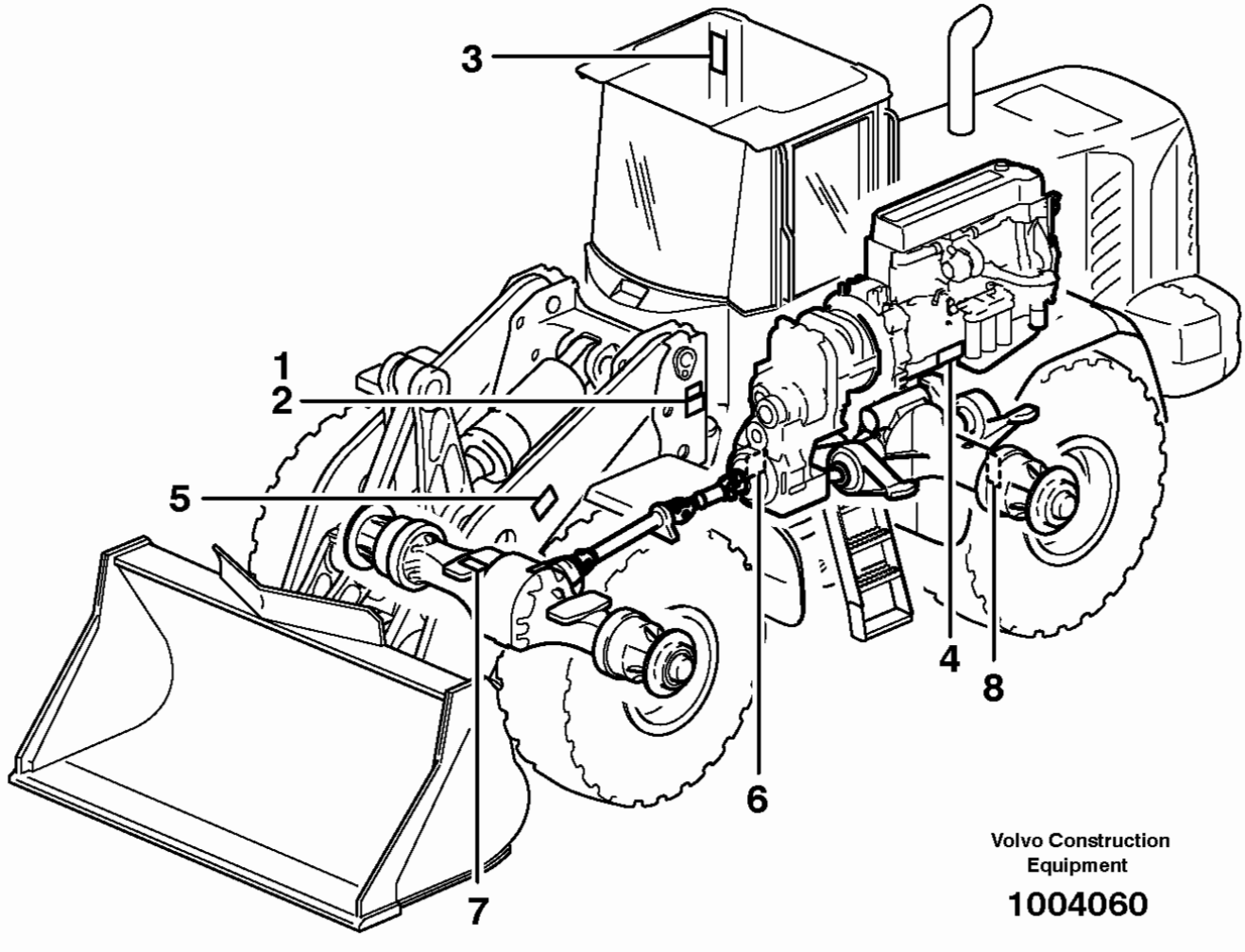
Product: L70G Volvo Wheel Loaders Part Manual1
Full Download: https://www.arepairmanual.com/downloads/l70g-volvo-wheel-loaders-part-manual1/

VOLVO

PROSIS Part Information

Date: **6/11/2026**	Image id: **1004060**	Catalogue: **20644**	Model: **L70G**
Brand: **Volvo**	Serial: **2008-, 614001-USA**	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									Assembly Sign Plate		
3									Driver's cab		
4									Engine sign plate		
5									Lifting Unit		
6									Power Transmission		
7									Drive axle front sign plate		
8									Drive axle rear sign plate		

Sample manual. Download All 780 pages at:
https://www.arepairmanual.com/downloads/l70g-volvo-wheel-loaders-part-manual1/

Product: L70G Volvo Wheel Loaders Part Manual1
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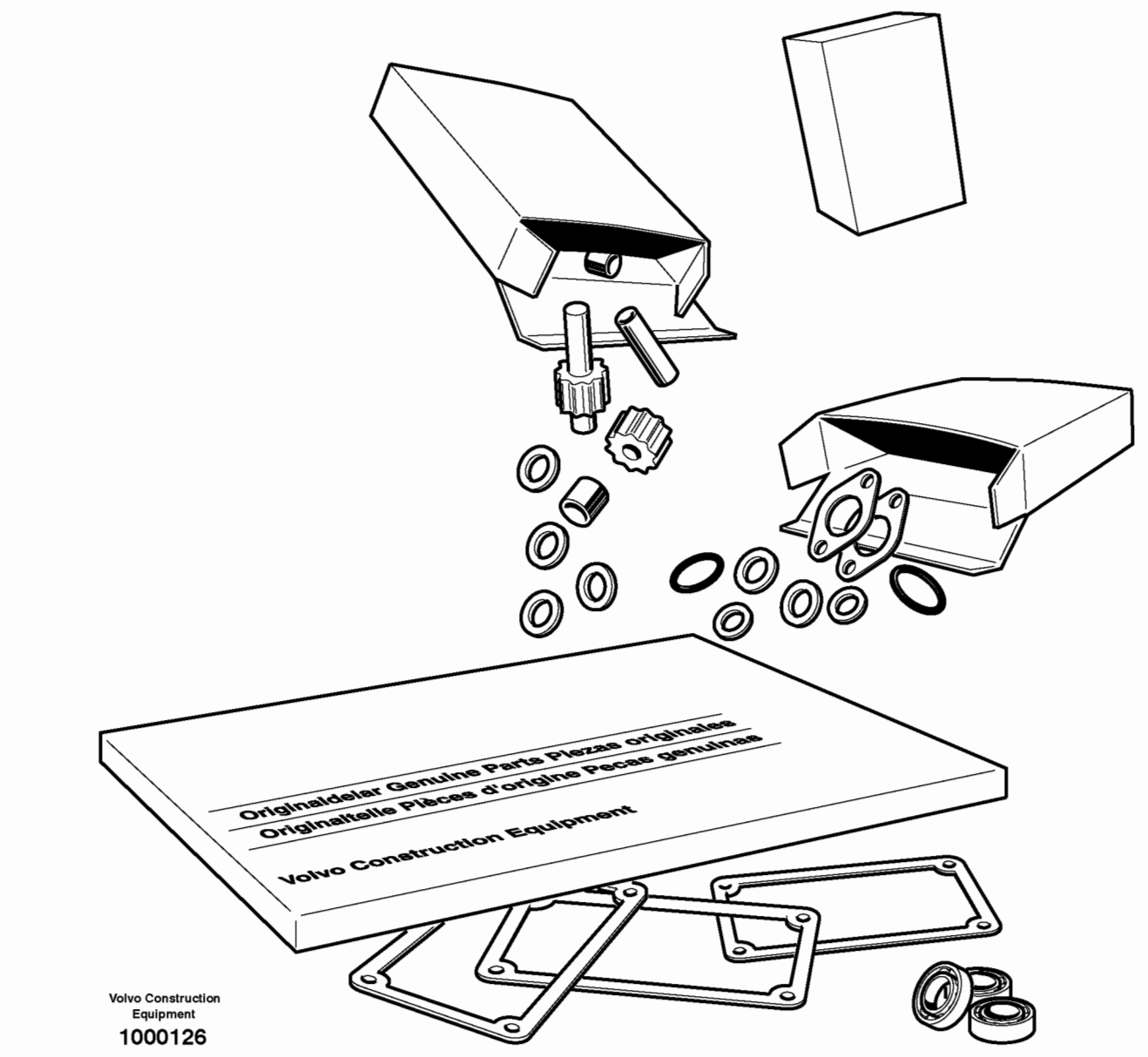
VOLVO

PROSIS Part Information

Date: **6/11/2026**	Image id: **1000126**	Catalogue: **20644**	Model: **L70G**
Brand: **Volvo**	Serial: **2008-, 614001-USA**	Group/Section: **210/50**	Title: **Repair kits for engine**



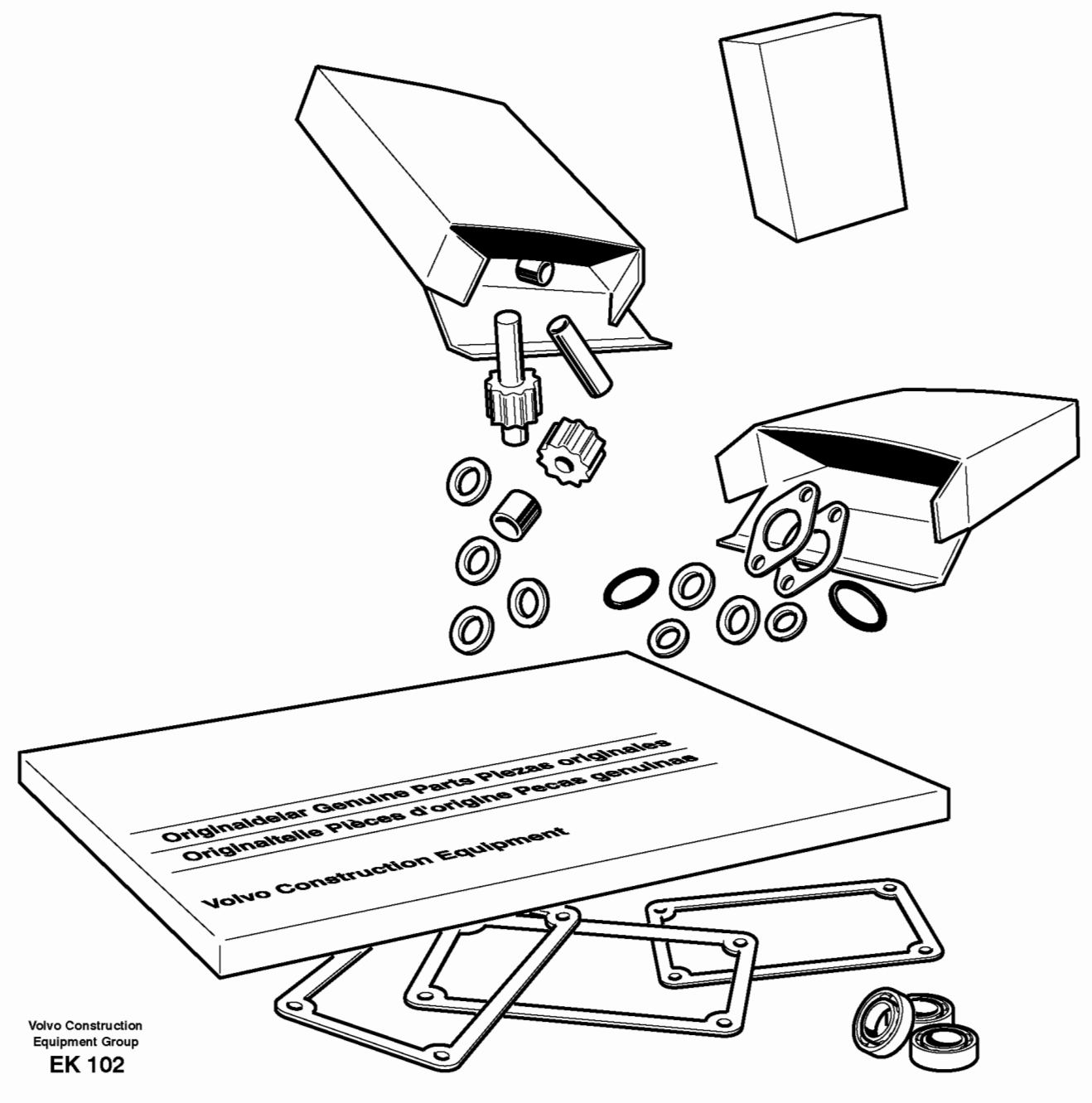
Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1		1							Overhaul Kit		
2		1							•Cylinder Head K		
3	VOE21882616	6							•Cylinder liner kit		
4	VOE17410271	1							Cylinder head kit		

Sample manual. Download All 780 pages at:
https://www.arepairmanual.com/downloads/l70g-volvo-wheel-loaders-part-manual1/

VOLVO

PROSIS Part Information

Date:	Image id:	Catalogue:	Model:
6/11/2026	**EK102**	**20644**	**L70G**
Brand:	Serial:	Group/Section:	Title:
Volvo	**2008-, 614001-USA**	**210/60**	**Repair kits for engine 17231364, 17231366**



Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
	VOE21882616	1							Cylinder liner kit		
	VOE17490349	1							Cylinder head overhaul kit		
	VOE20459855	24							•Valve seal		
	VOE22494872	24							•Valve guide		See footnote 4914)
	VOE21770879	1					SS		•Gasket		

	VOE20459838	6							•Bolt		
	VOE21774869	20							•Flange screw		
	VOE21038626	1							•Plane gasket		
	VOE20405723	12							•Screw		
	VOE21108676	4							•Sealing ring		
	VOE968567	2							•O-ring		
	VOE21941875	2							•Pressure Pipe		
	VOE21108673	2							•Sealing ring		
	VOE996092	1							•Gasket		
	VOE21022795	2							•Sealing ring		
	VOE21061009	2							•Sealing ring		
	VOE993677	2							•Gasket		
	VOE20799117	6							•O-ring		
	VOE20939275	6							•O-ring		
	VOE21773088	3							•Pressure pipe		
	VOE21773090	3							•Pressure pipe		
	VOE21776547	6							•Seal		
	VOE22692397	6							•Sealing ring		
	VOE21776555	6							•Seal		
	VOE21941875	2							•Pressure Pipe		
	VOE22428718	3							•Gasket		
	VOE21793270	1							•Plane gasket		
	VOE21774520	6							•Gasket		
	VOE24052228	2							•Gasket		(VOE20531832)
	VOE20565204	1							•Gasket		
	VOE21950240	1							•Gasket		
	VOE21242584	1							•Plane gasket		
	VOE20405822	1							•Sealing ring		
	VOE21108676	2							•Sealing ring		
	VOE21713890	1							•O-ring		
	VOE21723873	1							•Gasket		
	VOE21713890	2							•O-ring		
	VOE17490351	1							Overhaul gasket kit		
	VOE21882616	6							•Cylinder liner kit		
	VOE17490349	1							•Cylinder head overhaul kit		
	VOE20929860	1							•Crankshaft Seal		
	VOE13947621	2							•Plane gasket		
	VOE13947281	2							•Gasket		
	VOE20450784	1							•Labyrinth ring		
	VOE20459993	4							•O-ring		
	VOE20450786	1							•Sealing ring		
	VOE20459994	1							•Sealing ring		
	VOE60113911	1							•Gasket		(VOE993681)
	VOE20460026	1							•Sealing ring		
	VOE20460022	1							•Gasket		
	VOE993679	1							•Gasket		

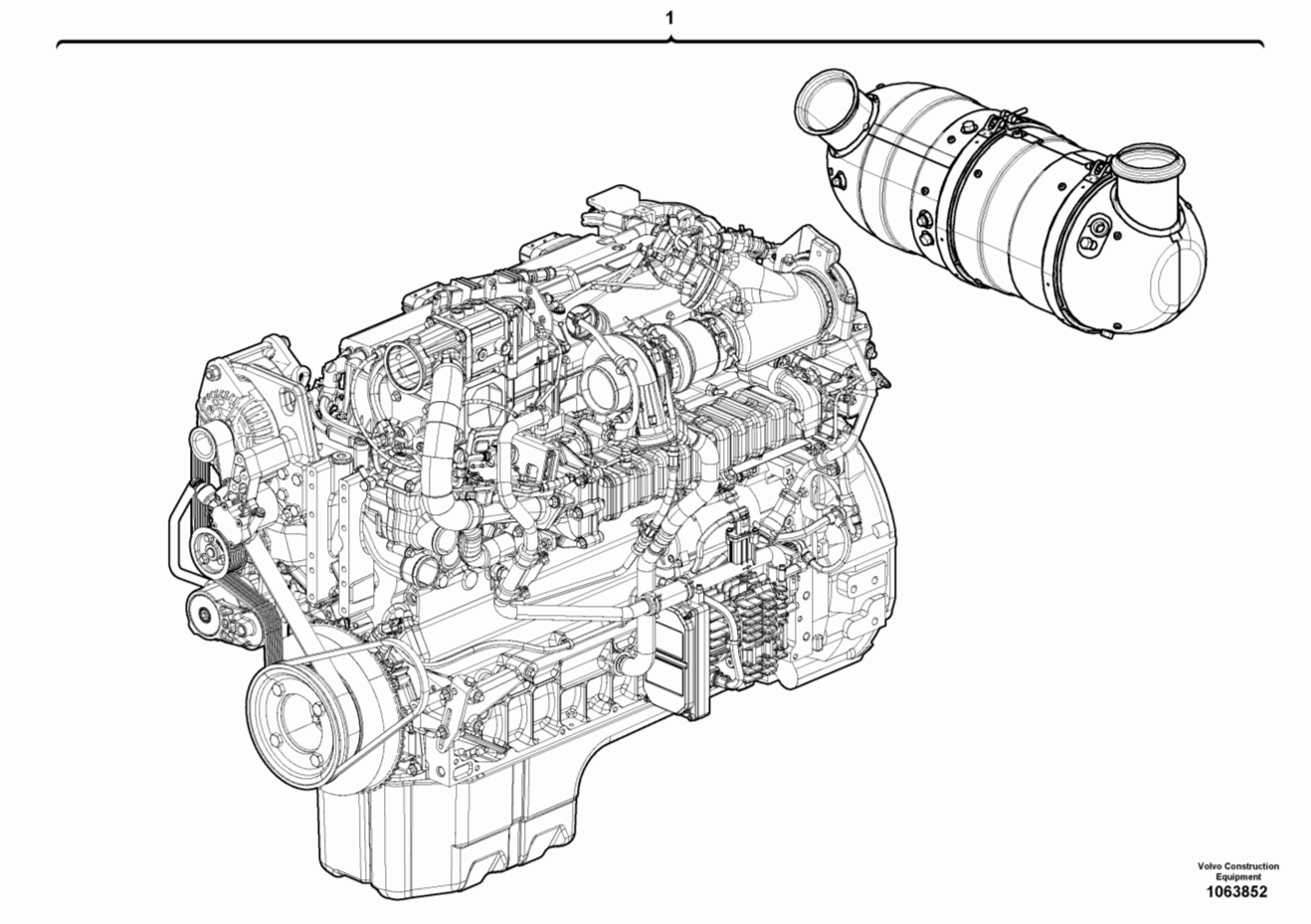
	VOE20405825	1							•Gasket		
	VOE20515173	1							•Gasket		
	VOE993600	1							•Gasket		
	VOE21496591	1							•Lip seal		
	VOE21531890	1							•Gasket		
	VOE20405888	1							•Gasket		
	VOE20459203	1							•Gasket		
	VOE20459193	2							•Sealing ring		
	VOE20459192	1							•Gasket		
	VOE993677	1							•Gasket		
	VOE21022795	2							•Sealing ring		
	VOE15113223	2							•V-clamp		
	VOE993605	3							•Gasket		
	VOE21793275	1							•Guide washer		
	VOE21776559	2							•Seal		

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

VOLVO

PROSIS Part Information

Date:	Image id:	Catalogue:	Model:
6/11/2026	**1063852**	**20644**	**L70G**
Brand:	Serial:	Group/Section:	Title:
Volvo	**2008-, 614001-USA**	**210/100**	**Engine 85109, 85112**



Section option	Kit	Option description
VOE15083688		Engine D6H, US
VOE15165676		Engine D6H, EU
VOE85109		Engine Installation D6H, EU
VOE85112		Engine Installation D6H, US

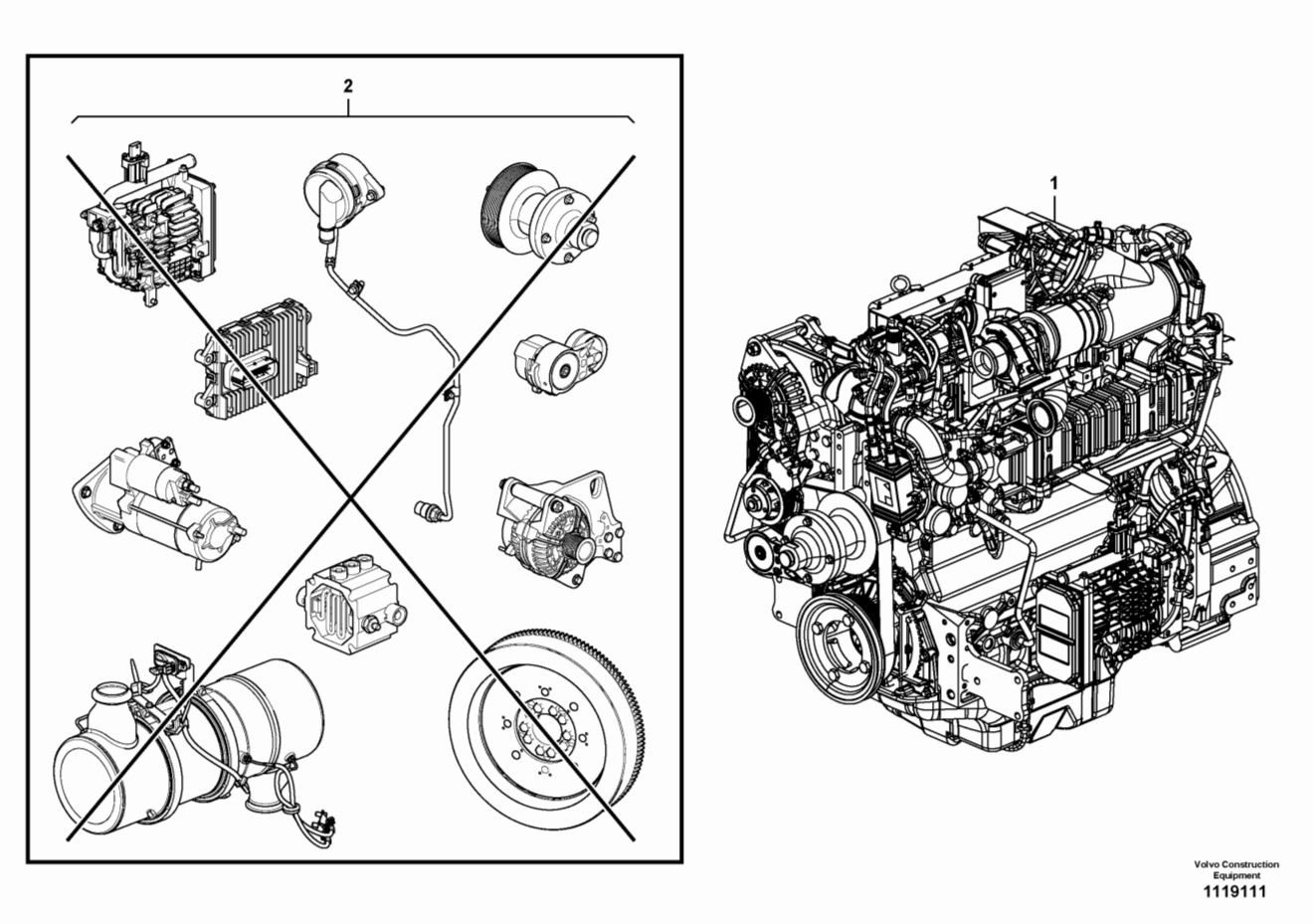
Q1-Q5	Option	Option description	
Q1 85109	VOE85109	Engine Installation D6H, EU	
Q2 85112	VOE85112	Engine Installation D6H, US	

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE15165676	1					SS		Engine		EU See ref 210/200, REMAN VOE9015165676, VOE9017231366
1	VOE15083688		1						Engine		US See ref 210/200, REMAN VOE9015083688,

VOLVO

PROSIS Part Information

Date:	Image id:	Catalogue:	Model:
6/11/2026	**1119111**	**20644**	**L70G**
Brand:	Serial:	Group/Section:	Title:
Volvo	**2008-, 614001-USA**	**210/200**	**Engine 85109, 85112**



Section option	Kit	Option description
VOE17231364		Engine D6H, US
VOE17231366		Engine D6H, EU
VOE85109		Engine Installation D6H, EU
VOE85112		Engine Installation D6H, US

Section footnote 4902) Aftermarket engine (Replacement version)

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE17231364	1							Engine	VOE85112	US, REMAN VOE9017231364
1	VOE17231366	1							Engine	VOE85109	EU, REMAN VOE9017231366
2									Alternator		See footnote 3768)
2									Starter Motor		See footnote 3768)
2									Control Unit		See footnote 3768)
2									Belt Tensioner		See footnote 3768)

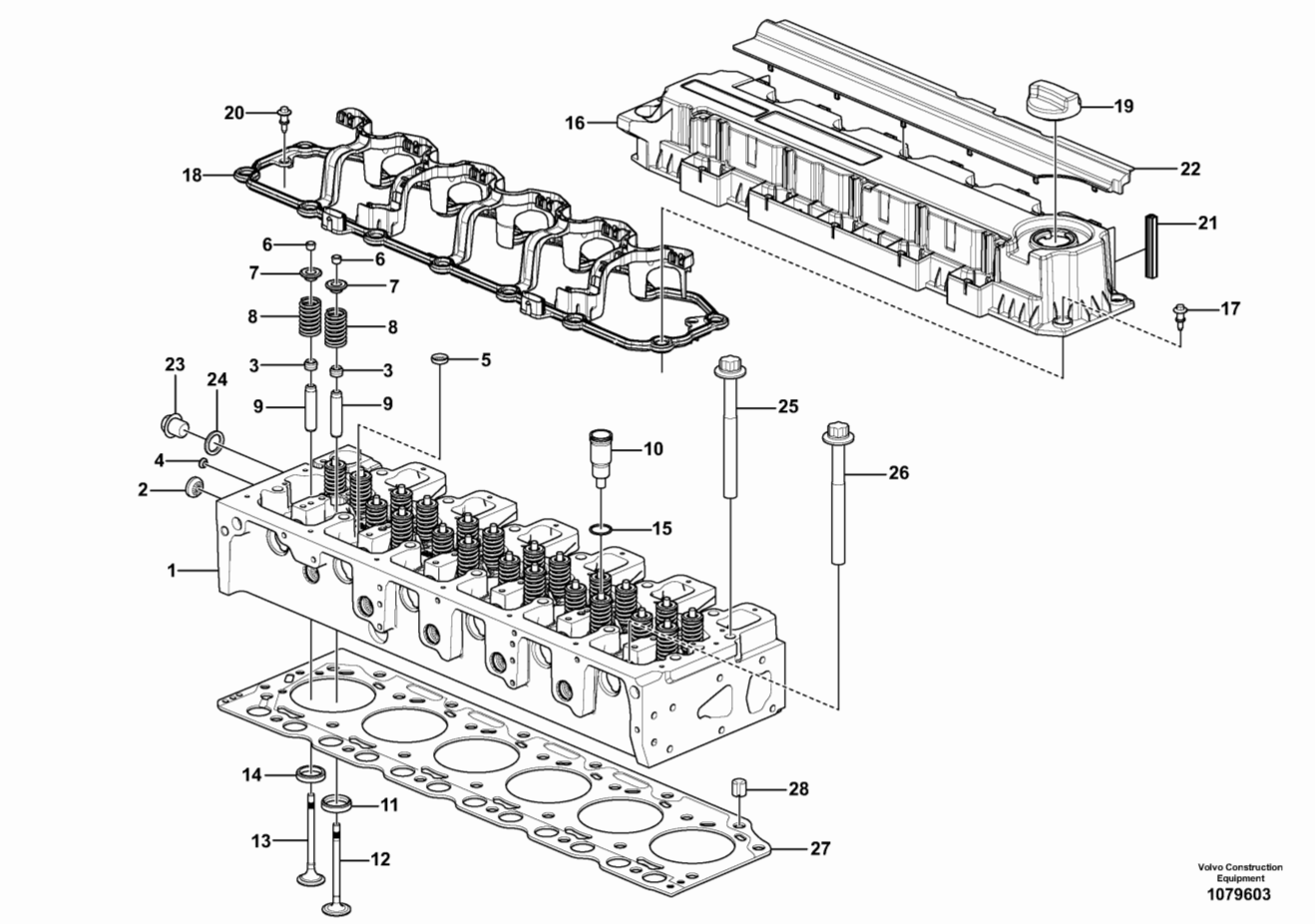
2									Pulley		See footnote 3768)
2									Pre heater		See footnote 3768)
2									Flywheel		See footnote 3768)
2									Crankcase ventilation		See footnote 3768)
2									Air Pump		See footnote 3768)
2									Diesel Particulate Filter		See footnote 3768)

3768) Not included

VOLVO

PROSIS Part Information

Date:	Image id:	Catalogue:	Model:
6/11/2026	**1079603**	**20644**	**L70G**
Brand:	Serial:	Group/Section:	Title:
Volvo	**2008-, 614001-USA**	**211/100**	**Cylinder head 85109, 85112**



Section option	Kit	Option description
VOE15083688		Engine D6H, US
VOE15165676		Engine D6H, EU
VOE85109		Engine Installation D6H, EU
VOE85112		Engine Installation D6H, US

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE21915835	1							Cylinder head		(VOE21753879), REMAN VOE9021753879, VOE9021915835
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		

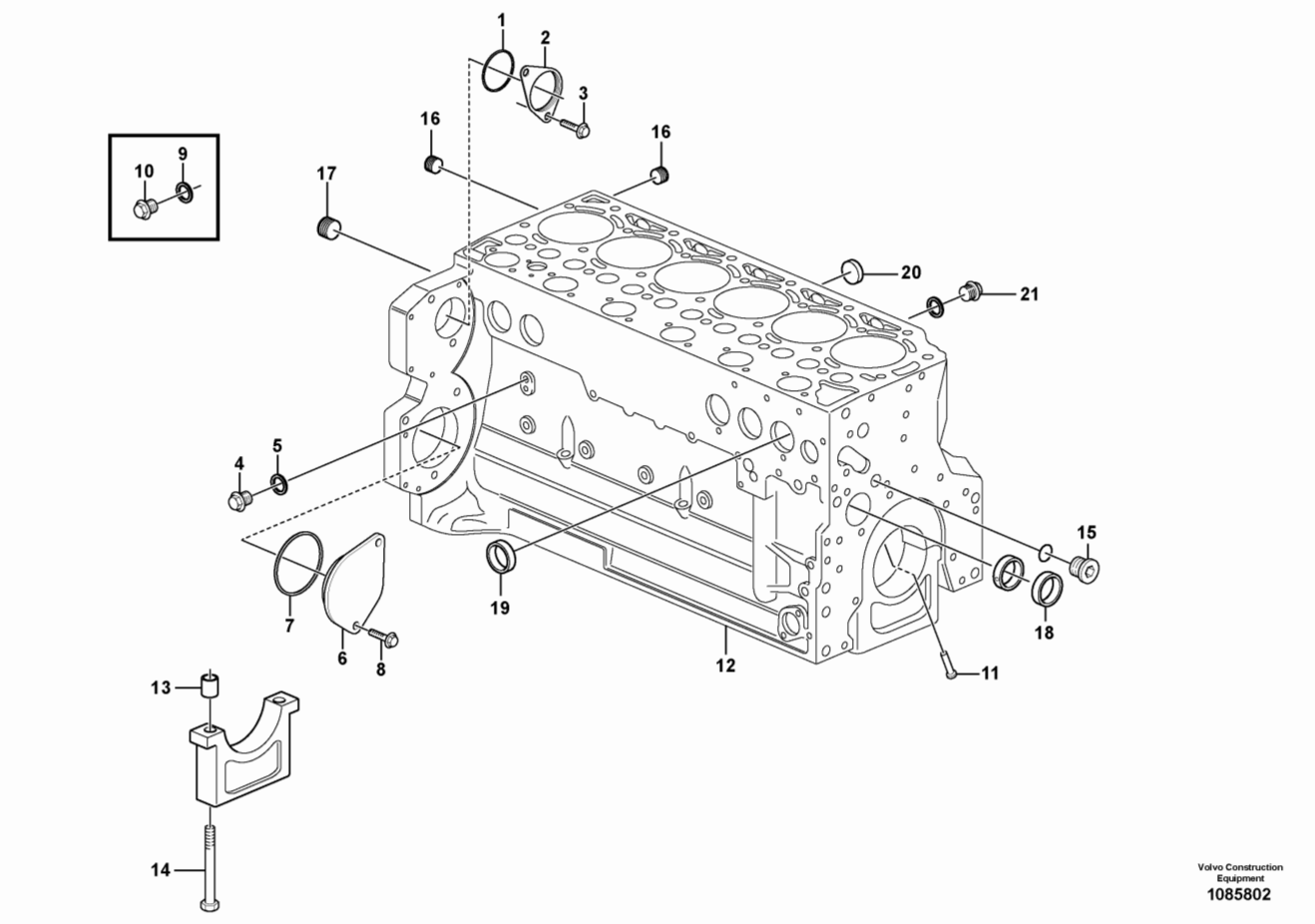
8	VOE21775124	24							•Valve spring		
9	VOE22494872	24							•Valve guide		(VOE21705499)See footnote 4914)
10	VOE20903104	6							•Sleeve		
11	VOE21775154	12							•Valve insert		
12	VOE22810953	12							•Inlet valve		(VOE21770957)
13	VOE21770994	12							•Exhaust Valve		(VOE21770981)
14	VOE21775149	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	VOE20405716	1							Plug		
24	VOE13947621	1							Plane gasket		
25	VOE20459838	6							Bolt		
26	VOE21774869	20							Flange screw		
27	VOE21773991	1							Cylinder head gasket		THICK = 1,3 MM
27	VOE21773992	1							Cylinder head gasket		THICK = 1,4 MM
27	VOE21773993	1							Cylinder head gasket		THICK = 1,5 MM
28	VOE20459839	2							Bushing		

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

VOLVO

PROSIS Part Information

Date:	Image id:	Catalogue:	Model:
6/11/2026	**1085802**	**20644**	**L70G**
Brand:	Serial:	Group/Section:	Title:
Volvo	**2008-, 614001-USA**	**212/100**	**Cylinder block 85109, 85112**



Section option	Kit	Option description
VOE15083688		Engine D6H, US
VOE15165676		Engine D6H, EU
VOE85109		Engine Installation D6H, EU
VOE85112		Engine Installation D6H, US

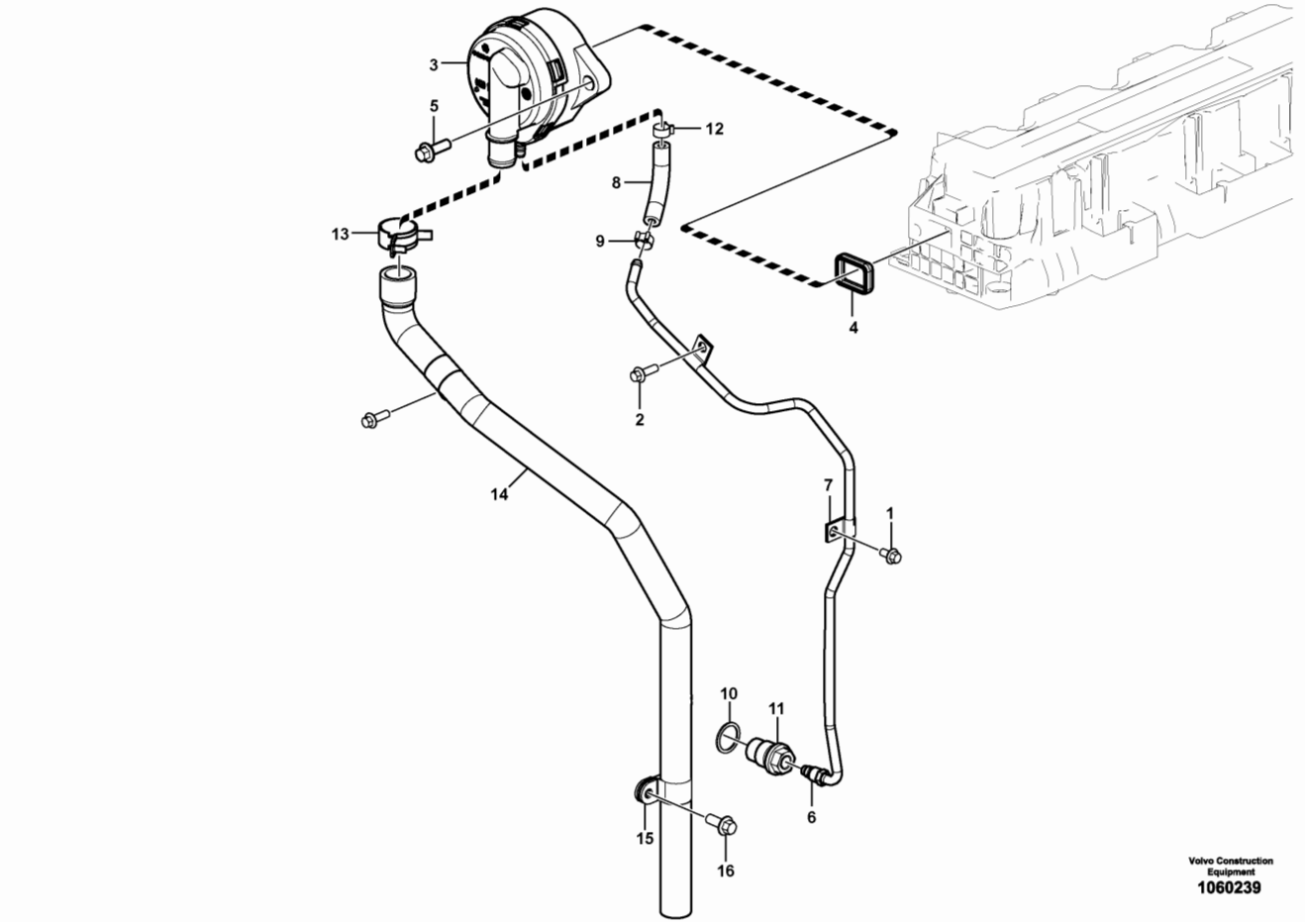
Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE20580547	1							Sealing ring		
2	VOE20580550	1							Cover		
3	VOE975108	2							Flange screw		(VOE888289)
4	VOE20405716	1							Plug		
5	VOE13947621	1							Plane gasket		
6	VOE24426064	1							Cover		
7	VOE20412359	1							O-ring		
8	VOE975108	2							Flange screw		(VOE888289)
9	VOE13947281	1							Gasket		

10	VOE20441859	1							Plug		
11	VOE20405561	6							Piston		
12		1					SS		Crankcase		
13	VOE20460001	14							•Bushing		
14	VOE20460006	14							•Screw		
15	VOE20998904	1							•Plug		
16	VOE20508600	2							•Plug		
17	VOE20785813	1							•Plug		
18	VOE21774593	6							•Bearing bushing		(VOE20459999)
19	VOE20405721	9							•Core plug		
20	VOE20412745	6							•Core plug		
21	VOE20405716	2							•Plug		

VOLVO

PROSIS Part Information

Date:	Image id:	Catalogue:	Model:
6/11/2026	**1060239**	**20644**	**L70G**
Brand:	Serial:	Group/Section:	Title:
Volvo	**2008-, 614001-USA**	**212/150**	**Crankcase ventilation 85109, 85112**



Section option	Kit	Option description
VOE15083688		Engine D6H, US
VOE15165676		Engine D6H, EU
VOE85109		Engine Installation D6H, EU
VOE85112		Engine Installation D6H, US

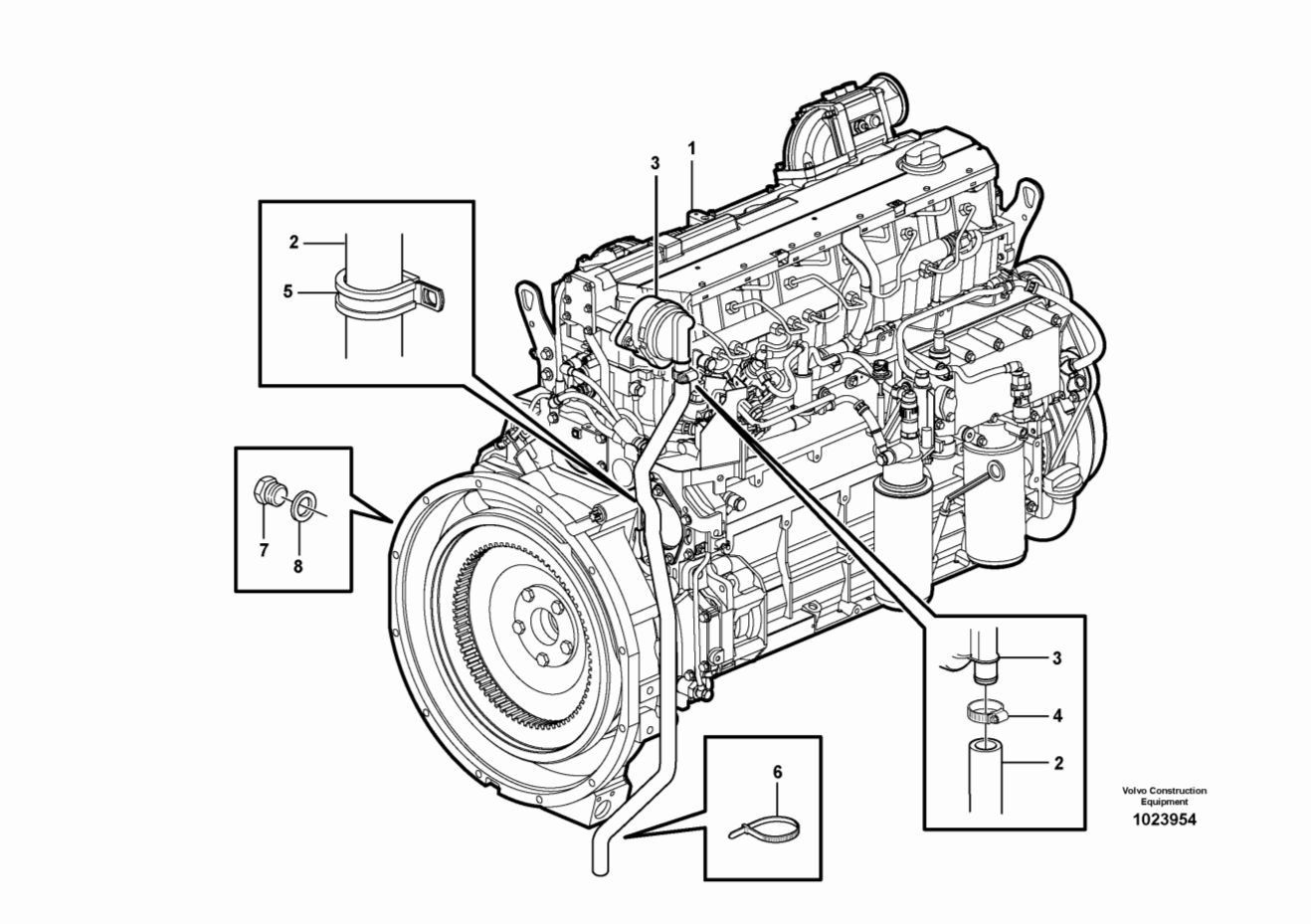
Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE20405729	1							Screw		
2	VOE20405885	1							Screw		
3	VOE20930510	1							Oil separator		
4	VOE21038626	1							•Plane gasket		
5	VOE20405504	2							Screw		
6	VOE22431180	1							Leak-off line		
7		2					NS		•Clamp		
8	VOE20971632	1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

VOLVO

PROSIS Part Information

Date:	Image id:	Catalogue:	Model:
6/11/2026	**1023954**	**20644**	**L70G**
Brand:	Serial:	Group/Section:	Title:
Volvo	**2008-, 614001-USA**	**212/300**	**Crankcase ventilation 33006**



Section option	Kit	Option description
VOE33006		Wheel Loader L70G

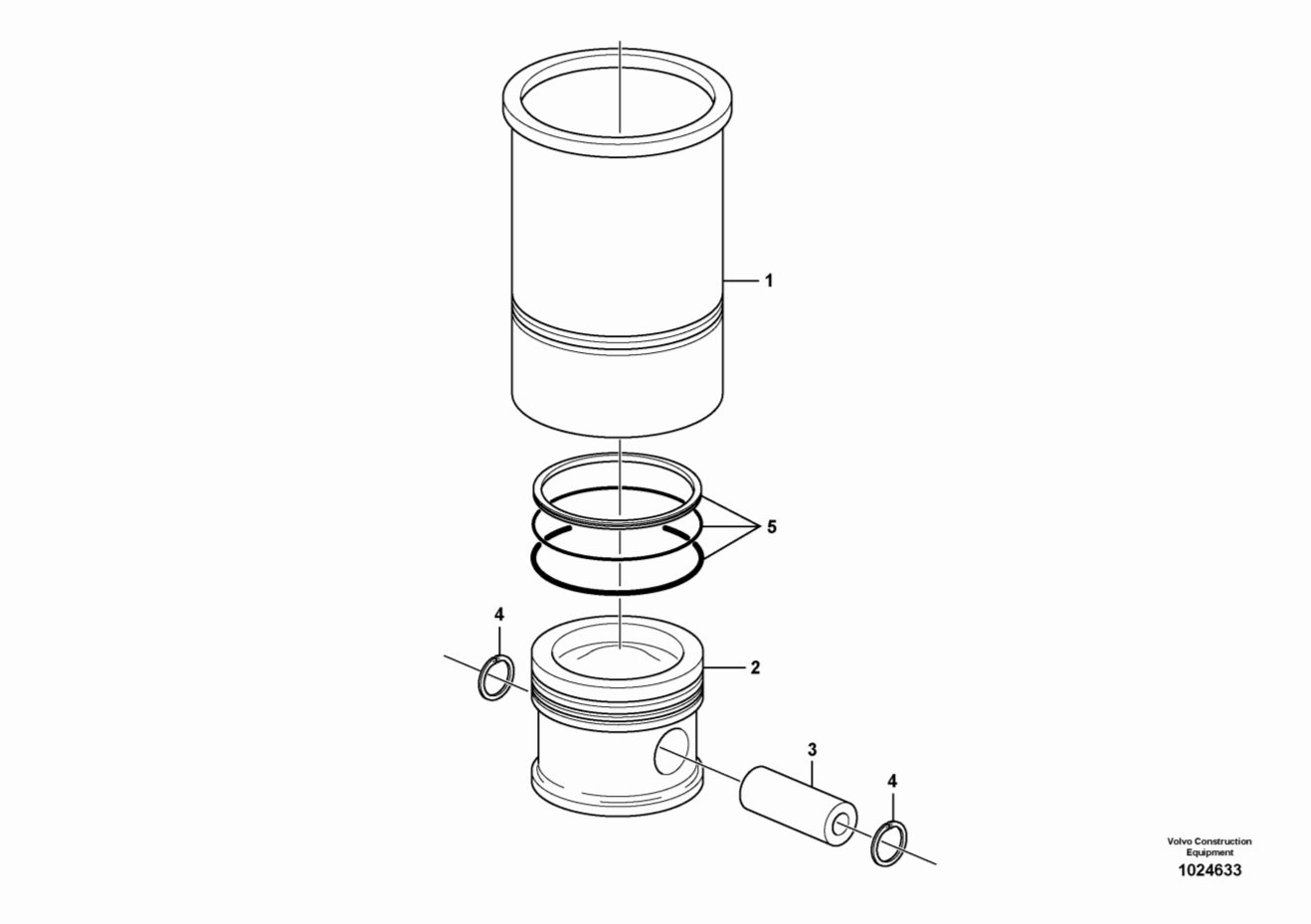
Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE15165676	1					SS		Engine		See ref 210/100, REMAN VOE9015165676, VOE9017231366
	VOE15083688	1							Engine		See ref 210/100, REMAN VOE9015083688, VOE9017231364
2	VOE16818748	1							Air vent hose		
3	VOE20930510	1							Oil separator		See ref 212/150
4	VOE13943474	1							Hose clamp		
5	VOE13949997	1							Clamp		
6	VOE4881440	1							Cable tie		
7	VOE11173944	6							Plug		

8	VOE13947282	6							Gasket		

VOLVO

PROSIS Part Information

Date:	Image id:	Catalogue:	Model:
6/11/2026	**1024633**	**20644**	**L70G**
Brand:	Serial:	Group/Section:	Title:
Volvo	**2008-, 614001-USA**	**213/100**	**Cylinder liner and piston 85109, 85112**



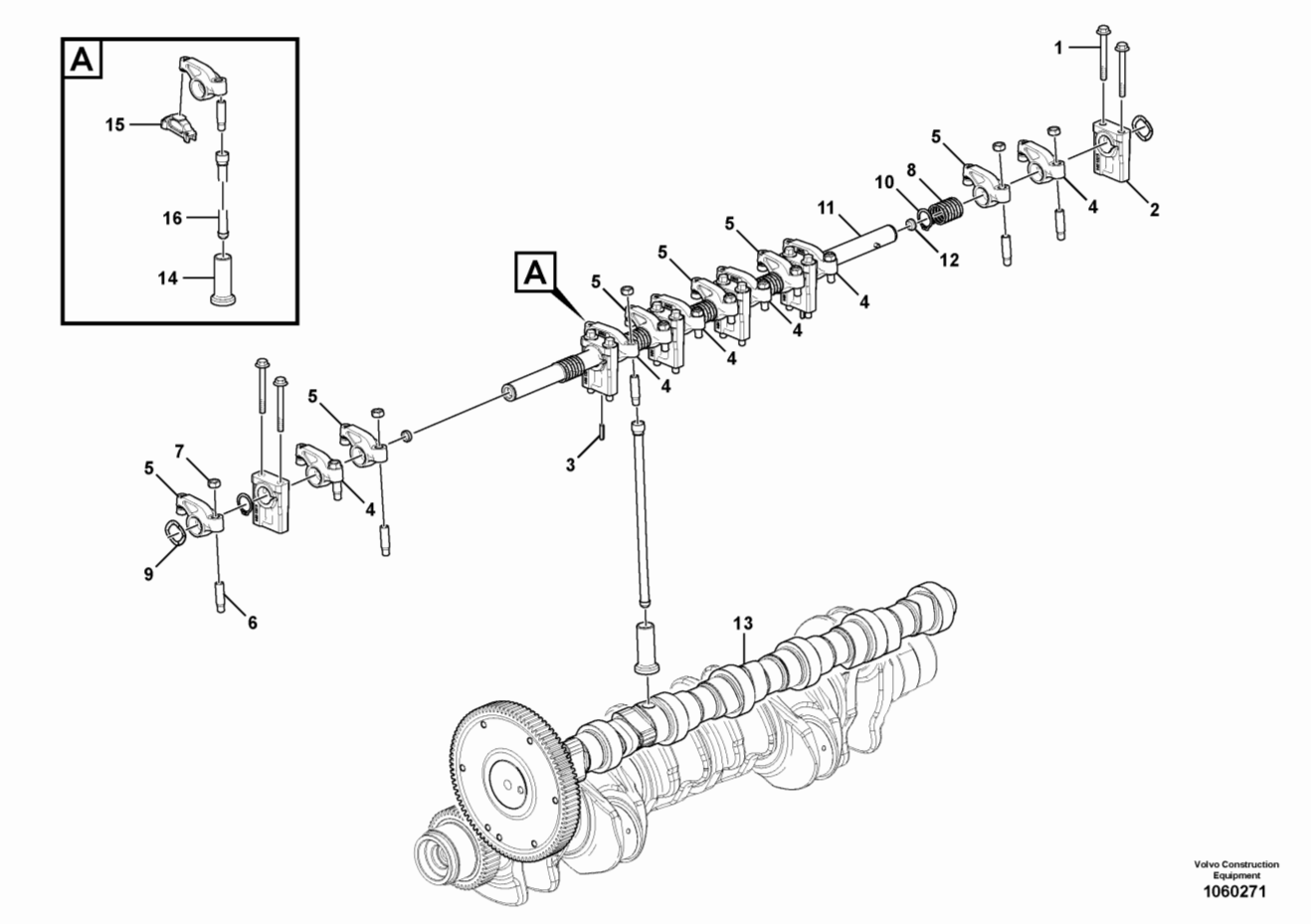
Section option	Kit	Option description
VOE15083688		Engine D6H, US
VOE15165676		Engine D6H, EU
VOE85109		Engine Installation D6H, EU
VOE85112		Engine Installation D6H, US

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE21882616	6							Cylinder liner kit		
2		6					NS		•Piston		
3		1							•Gudgeon Pin		
4		2							•Lock Ring		
5		1							•Piston Ring Kit		

VOLVO

PROSIS Part Information

Date:	Image id:	Catalogue:	Model:
6/11/2026	**1060271**	**20644**	**L70G**
Brand:	Serial:	Group/Section:	Title:
Volvo	**2008-, 614001-USA**	**214/100**	**Valve mechanism 85109, 85112**



Section option	Kit	Option description
VOE15083688		Engine D6H, US
VOE15165676		Engine D6H, EU
VOE85109		Engine Installation D6H, EU
VOE85112		Engine Installation D6H, US

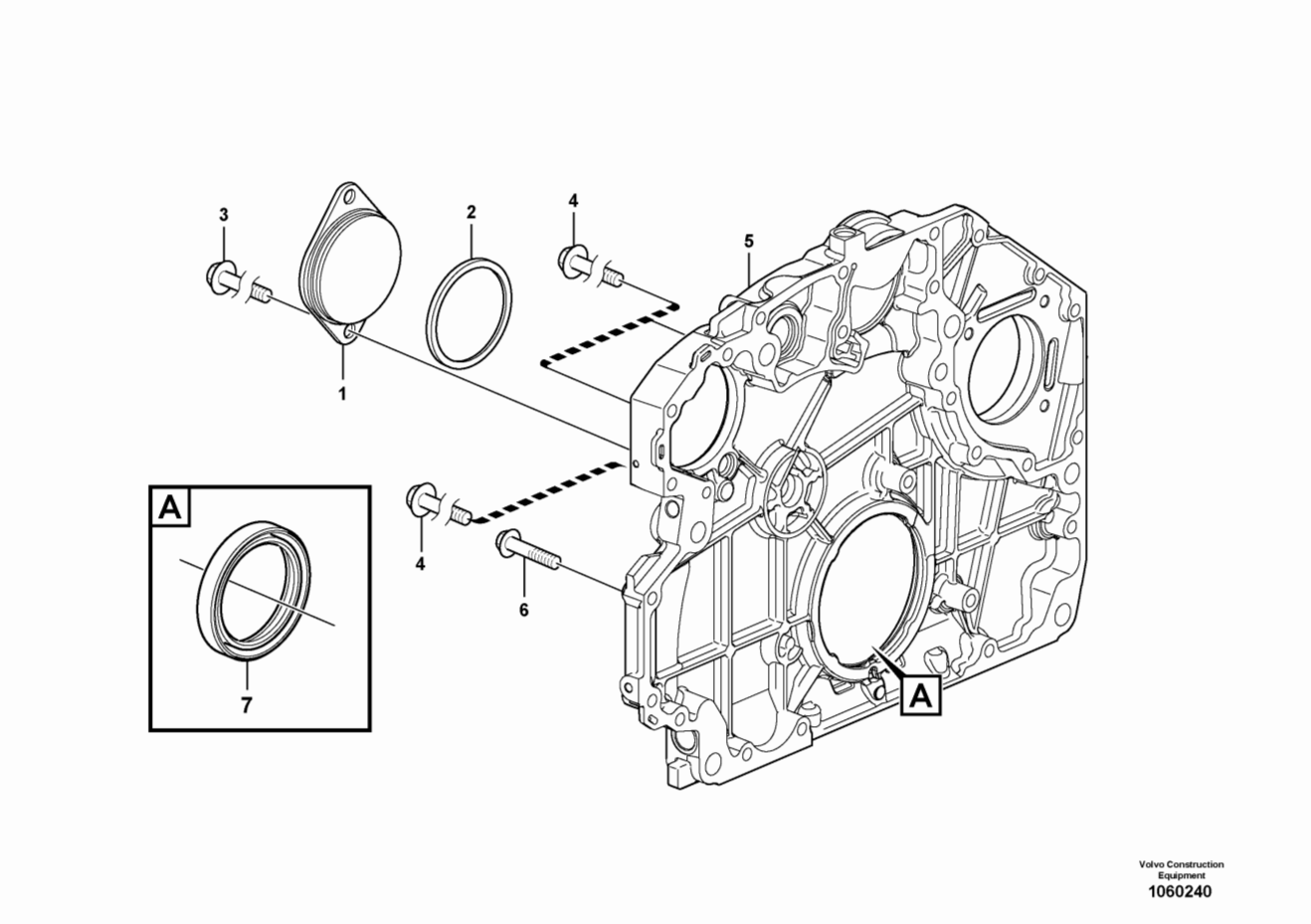
Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE20405723	12							Screw		
2	VOE21770895	6							Bracket		
3	VOE996089	2							Spring pin		
4	VOE22472721	6							Rocker arm		(VOE21772095)
5	VOE21773500	6					SS		Rocker arm		
6	VOE20861870	12							Adjusting screw		
7	VOE11700373	12							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	VOE22447299	1							Camshaft		(VOE21753855)
14	VOE22567174	12							Tappet		(VOE21770937)
15	VOE21775113	12							Valve bridge		
16	VOE23010491	12							Push rod		(VOE21775020)

VOLVO

PROSIS Part Information

Date:	Image id:	Catalogue:	Model:
6/11/2026	**1060240**	**20644**	**L70G**
Brand:	Serial:	Group/Section:	Title:
Volvo	**2008-, 614001-USA**	**215/100**	**Timing gear casing 85109, 85112**



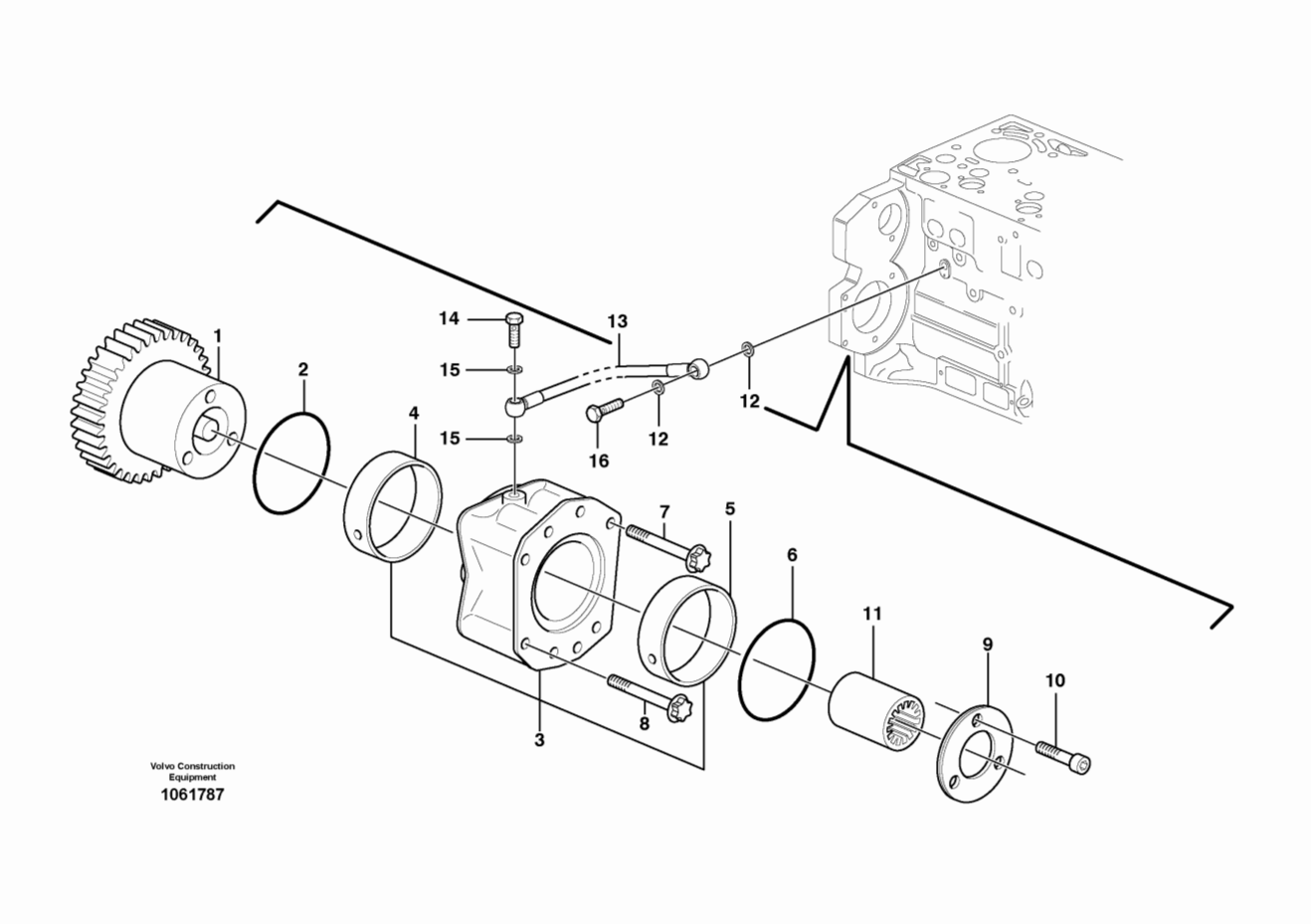
Section option	Kit	Option description
VOE15083688		Engine D6H, US
VOE15165676		Engine D6H, EU
VOE85109		Engine Installation D6H, EU
VOE85112		Engine Installation D6H, US

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE22610639	1							Cover		(VOE20950063)
2	VOE20405652	1							O-ring		
3	VOE20450801	2							Screw		
4	VOE20450801	3							Screw		
5	VOE22444773	1							Timing gear casing		(VOE20841195)
6	VOE20412324	12							Screw		
7	VOE20929860	1							Crankshaft Seal		

VOLVO

PROSIS Part Information

Date:	Image id:	Catalogue:	Model:
6/11/2026	**1061787**	**20644**	**L70G**
Brand:	Serial:	Group/Section:	Title:
Volvo	**2008-, 614001-USA**	**215/200**	**Pump drive power take-off 85109, 85112**



Section option	Kit	Option description
VOE15083688		Engine D6H, US
VOE15165676		Engine D6H, EU
VOE85109		Engine Installation D6H, EU
VOE85112		Engine Installation D6H, US

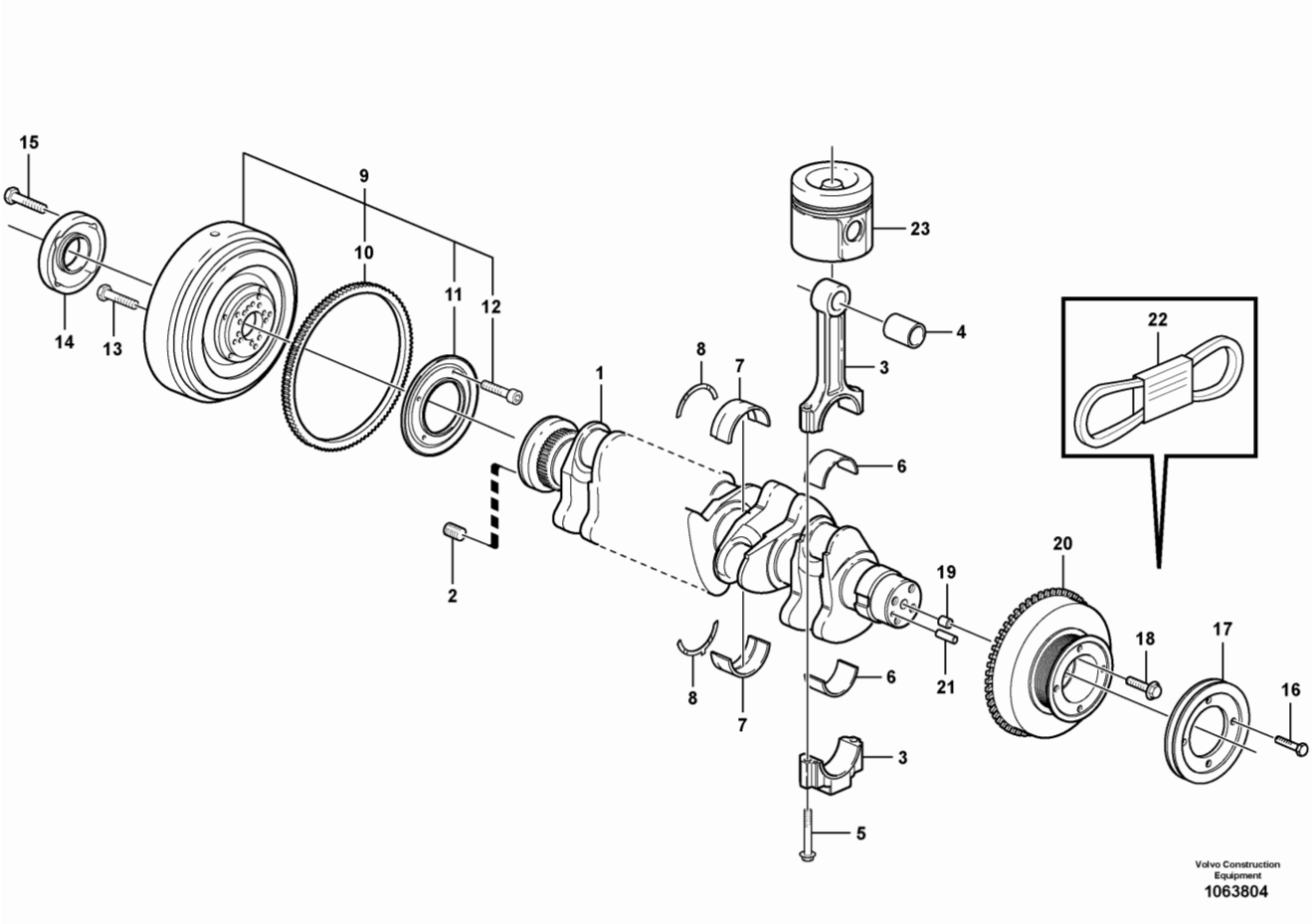
Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE21249506	1						K	Gear		
2	VOE20450818	1							O-ring		
3	VOE20450805	1						K	Bearing flange		
4	VOE20450807	1						K	•Bushing		
5	VOE20450809	1						K	•Bushing		
6	VOE20450819	1							O-ring		
7	VOE22316512	2							Six point screw		(VOE20450821)
8	VOE21077470	2							Hex. socket screw		
9	VOE20450811	1						K	Thrust washer		

10	VOE20450822	3						K	Screw		
11	VOE20459123	1							Sleeve		
12	VOE13947621	2							Plane gasket		
13	VOE20459170	1							Oil line		
14	VOE980973	1							Hollow screw		
15	VOE13947281	2							Gasket		
15	VOE993677	2							Gasket		ALT
16	VOE60113509	1							Hollow screw		(VOE7025167)
	VOE21250587	1							Hydraulic pump		KIT

VOLVO

PROSIS Part Information

Date:	Image id:	Catalogue:	Model:
6/11/2026	**1063804**	**20644**	**L70G**
Brand:	Serial:	Group/Section:	Title:
Volvo	**2008-, 614001-USA**	**216/100**	**Crankshaft and related parts 85109, 85112**



Section option	Kit	Option description
VOE15083688		Engine D6H, US
VOE15165676		Engine D6H, EU
VOE85109		Engine Installation D6H, EU
VOE85112		Engine Installation D6H, US

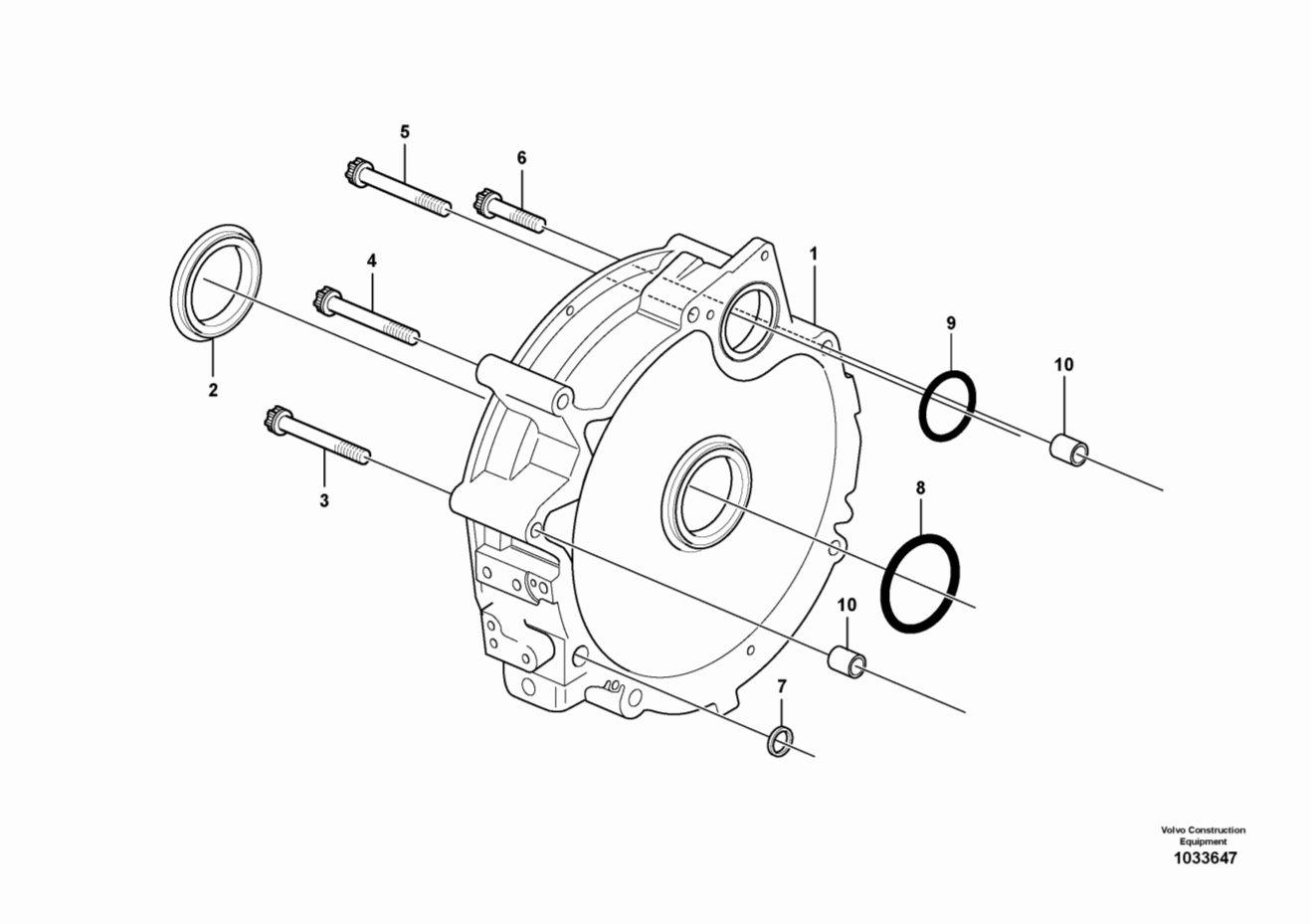
Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE21351237	1							Crankshaft		REMAN VOE9021351237
2	VOE20459144	10							Insert		
3	VOE20851091	6							Connecting rod		
4	VOE20799647	6							•Piston bushing		
5	VOE20799587	12							•Flange screw		
6	VOE20850096	6							Big-end bearing kit		STD 70,00MM
6	VOE20850097	6							Big-end bearing kit		U SZ 69,75MM
7	VOE22967564	7							Main bearing		(VOE20850106)STD 84,00MM

7	VOE22967569	7							Main bearing		(VOE20850110)U SZ 83,75MM
8	VOE20850116	2							Thrust washer		STD 2,15MM
8	VOE20850122	2					SS		Thrust washer		O SZ 2,35MM
9	VOE20917910	1							Flywheel		
10	VOE24212708	1							•Ring gear		
11	VOE20918003	1							•Ring		
12	VOE20933839	4							•Screw		
13	VOE20450835	10							Screw		
14	VOE20460793	1							Flange		
15	VOE21000755	5							Hexagon screw		
16	VOE20459156	4							Screw		
17	VOE20459155	1							Pulley		
18	VOE20405724	4							Screw		
19	VOE20405634	1							Spring pin		
20	VOE20799122	1							V-belt pulley		
21	VOE20450628	1							Pin		
22	VOE977305	1							V-belt		See ref 263/500
23	VOE21753886	1					CS		Piston		See ref 213/100

VOLVO

PROSIS Part Information

Date:	Image id:	Catalogue:	Model:
6/11/2026	**1033647**	**20644**	**L70G**
Brand:	Serial:	Group/Section:	Title:
Volvo	**2008-, 614001-USA**	**216/200**	**Flywheel housing 85109, 85112**



Section option	Kit	Option description
VOE15083688		Engine D6H, US
VOE15165676		Engine D6H, EU
VOE85109		Engine Installation D6H, EU
VOE85112		Engine Installation D6H, US

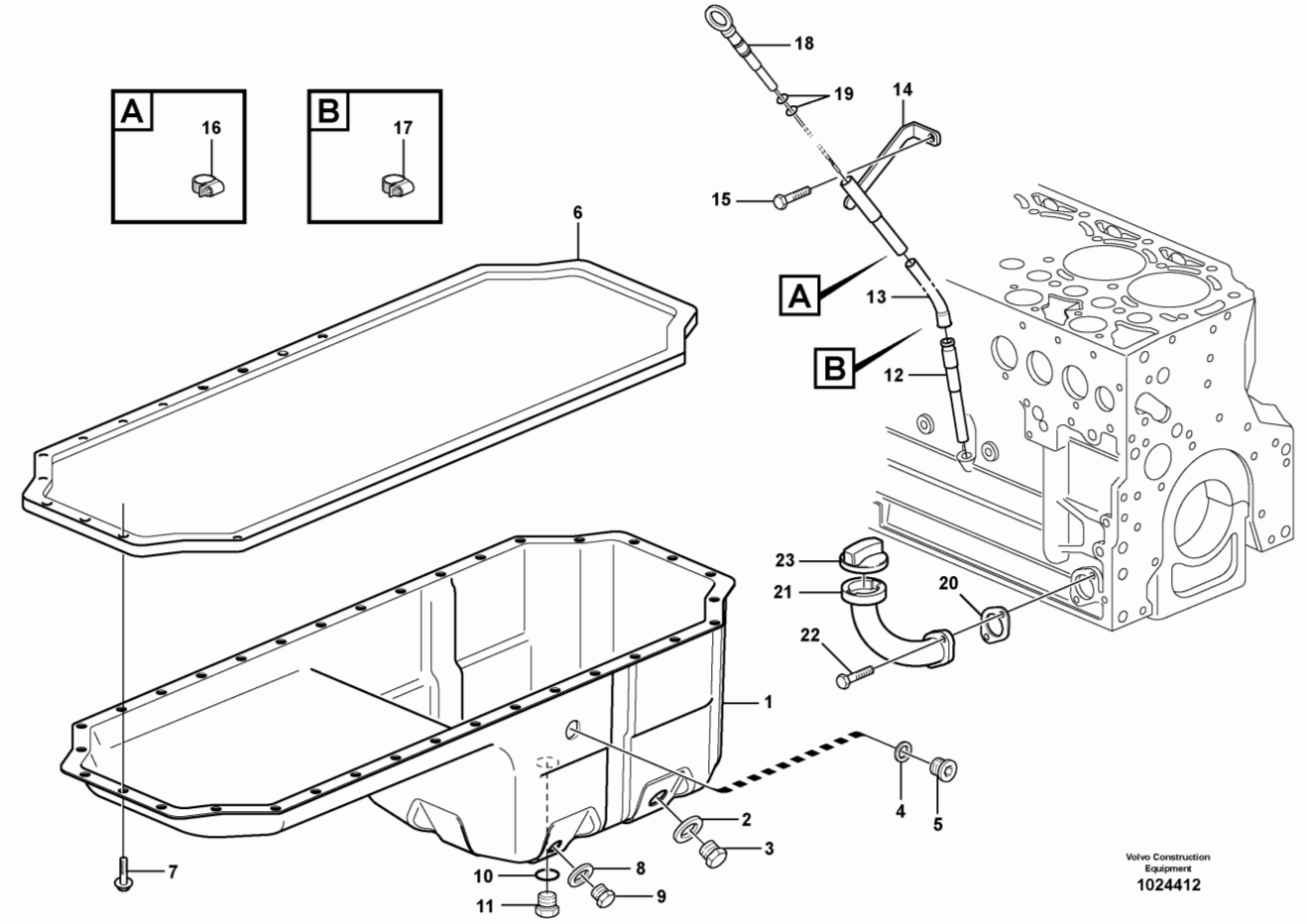
Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE22527900	1							Flywheel Housin		(VOE20459987)
2	VOE20450784	1							•Labyrinth ring		
3	VOE20459996	1							Screw		
4	VOE20459995	1							Screw		
5	VOE20459991	3							Screw		
6	VOE20460931	1							Screw		
7	VOE20459993	4							O-ring		
8	VOE20450786	1							Sealing ring		
9	VOE20459994	1							Sealing ring		

10	VOE20405521	2							Guide pin		

VOLVO

PROSIS Part Information

Date: **6/11/2026**	Image id: **1024412**	Catalogue: **20644**	Model: **L70G**
Brand: **Volvo**	Serial: **2008-, 614001-USA**	Group/Section: **217/100**	Title: **Oil sump 85109, 85112**



Section option	Kit	Option description
VOE15083688		Engine D6H, US
VOE15165676		Engine D6H, EU
VOE85109		Engine Installation D6H, EU
VOE85112		Engine Installation D6H, US

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE21618972	1							Oil pan		
2	VOE60113911	1							•Gasket		(VOE993681)
3	VOE20496257	1							•Plug		
4	VOE20460026	1							Sealing ring		
5	VOE20460024	1							Plug		
6	VOE20460022	1							Gasket		
7	VOE20405792	28							Screw		
8	VOE993679	1							Gasket		
9	VOE60112461	1							Plug		(VOE20405506)
10	VOE20515173	1							Gasket		

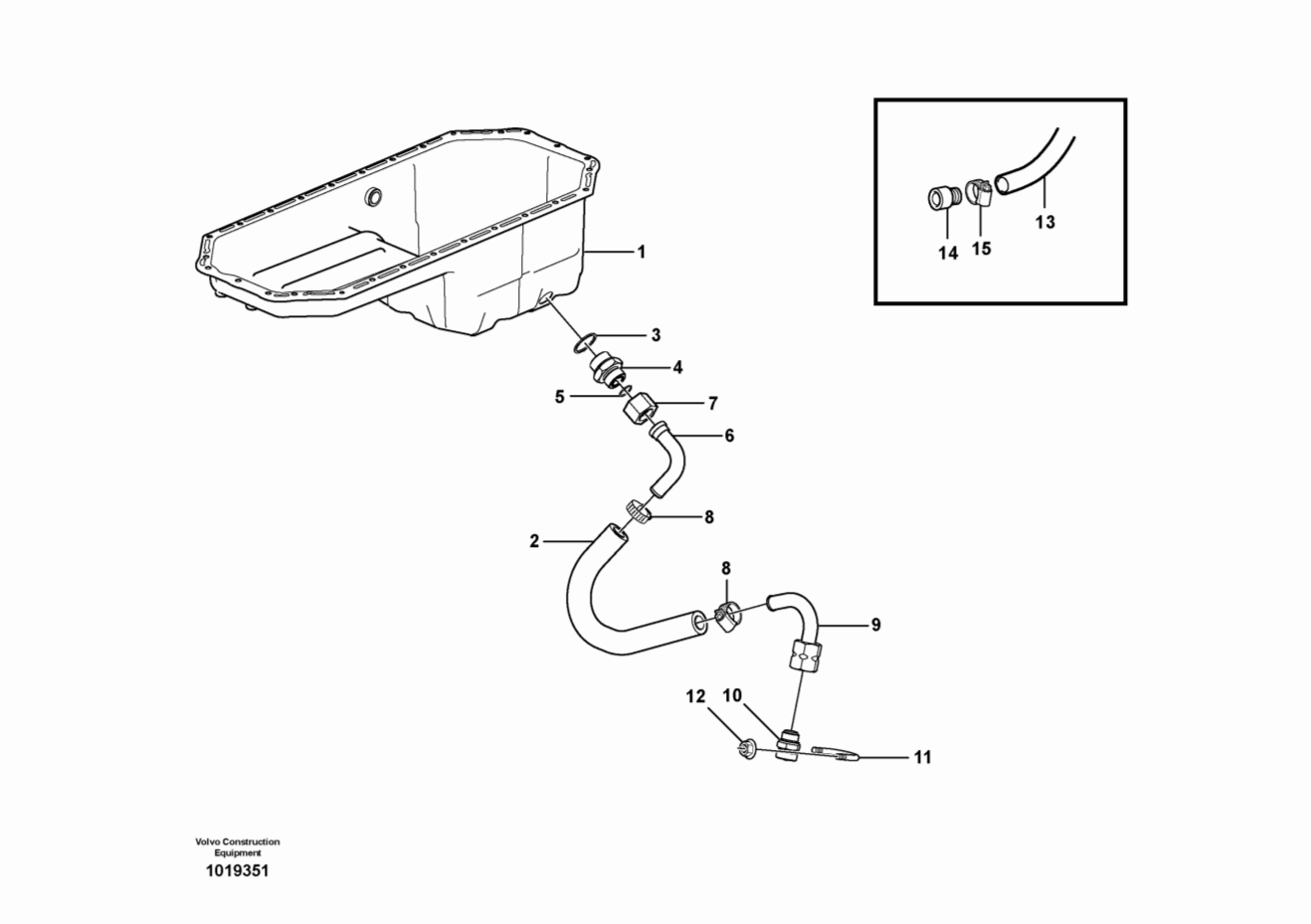
11	VOE20515171	1							Plug		
12	VOE23091815	1							Guide tube		(VOE21739416)
12	VOE21727990	1							Sealing ring		
13	VOE21066712	1							Guide tube		
14	VOE21768032	1							Guide tube		(VOE21066722)
15	VOE20405672	1							Screw		
16	VOE20460215	1							Clip		
17	VOE20460214	1							Clip		
18	VOE22383398	1							Dipstick		(VOE20945966)
19	VOE20412343	1							•Sealing ring		
20	VOE20405825	1							Gasket		
21	VOE21793159	1							Oil filler pipe		
22	VOE20405885	2							Screw		
23	VOE20412589	1							Filler cap		(VOE20405835)

Product: L70G Volvo Wheel Loaders Part Manual1
Full Download: https://www.arepairmanual.com/downloads/l70g-volvo-wheel-loaders-part-manual1/

VOLVO

PROSIS Part Information

Date: **6/11/2026**	Image id: **1019351**	Catalogue: **20644**	Model: **L70G**
Brand: **Volvo**	Serial: **2008-, 614001-USA**	Group/Section: **217/300**	Title: **Draining of oil sump 33006**



Section option	Kit	Option description
VOE33006		Wheel Loader L70G

Pos	Part	Q1	Q2	Q3	Q4	Q5	PS	Kit	Description	Option(s)	Remark
1	VOE21618972	1							Oil pan		See ref 217/100
2	VOE192358	REQ							Rubber hose		L = 430 mm
3	VOE993600	1							Gasket		
4	VOE11163064	1							Nipple		
5	VOE990740	1							O-ring		
6	VOE11410190	1							Drain tube		
7	VOE13933877	1							Nut		
8	VOE13943474	2							Hose clamp		(VOE943473)
9	VOE11173508	1							Drain tube		
10	VOE11054692	1							Valve		
11	VOE11130269	1							Clamp		
12	VOE60113167	2							Flange lock nut		(VOE948645)
13	VOE11027418	1							Hose		

Sample manual. Download All 780 pages at:
https://www.arepairmanual.com/downloads/l70g-volvo-wheel-loaders-part-manual1/