

SPARE PARTS MANUAL

FOR

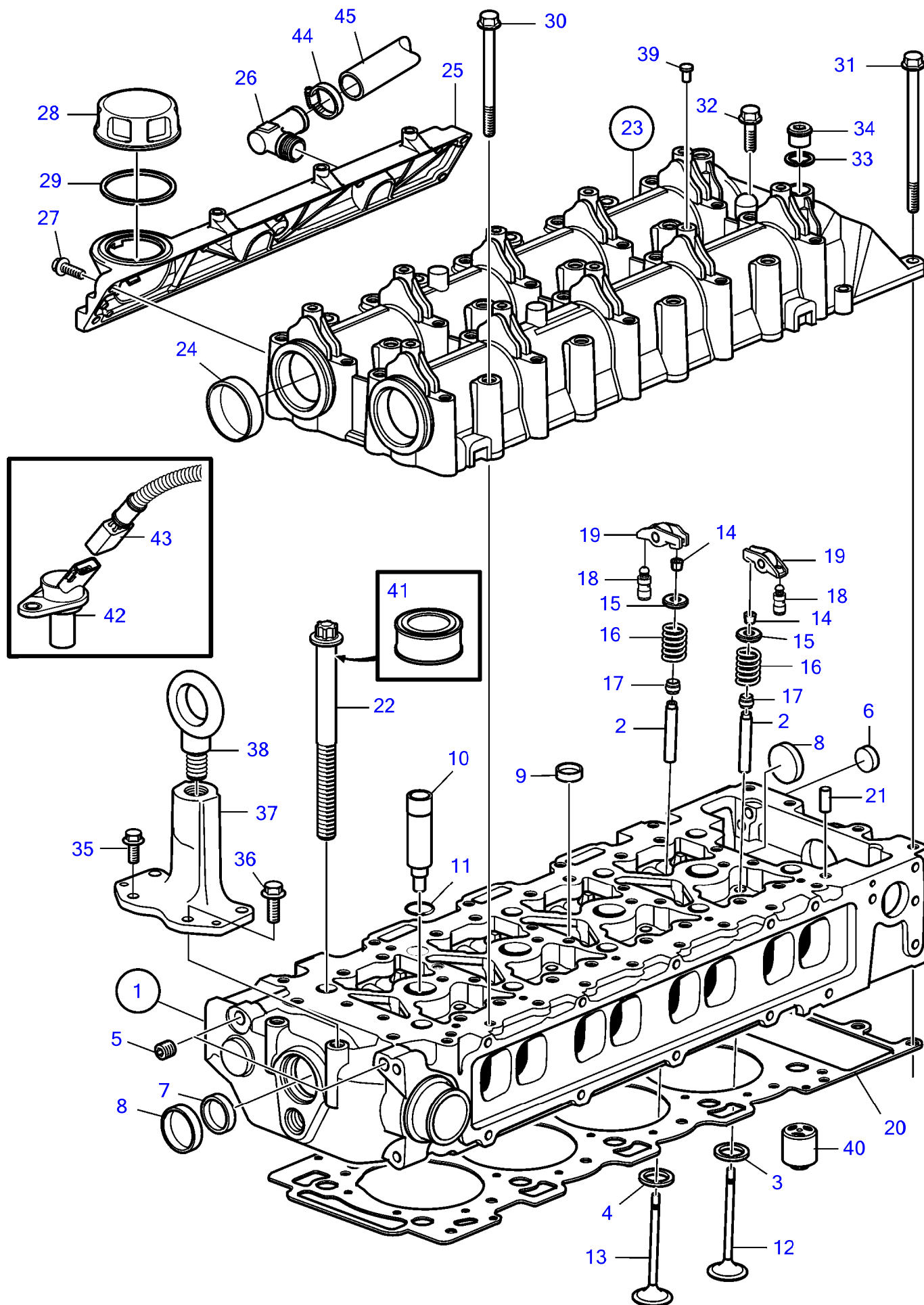
BUKH MARINE DIESEL LIFEBOAT ENGINE TYPE D4



powering **marine** safety

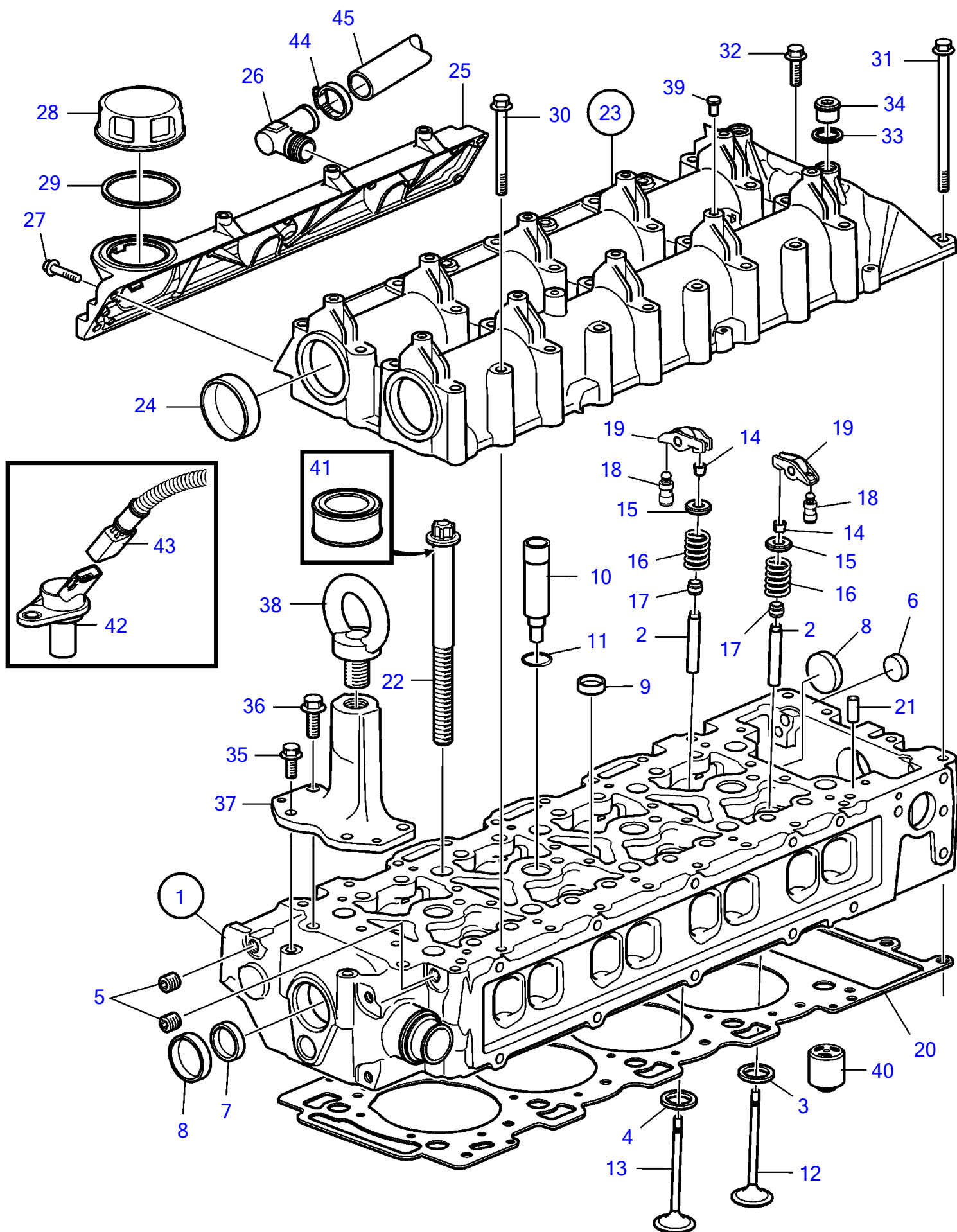
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D4-180I-F, D4-225A-F, D4-225I-F, D4-260A-F, D4-260D-F, D4-260I-F



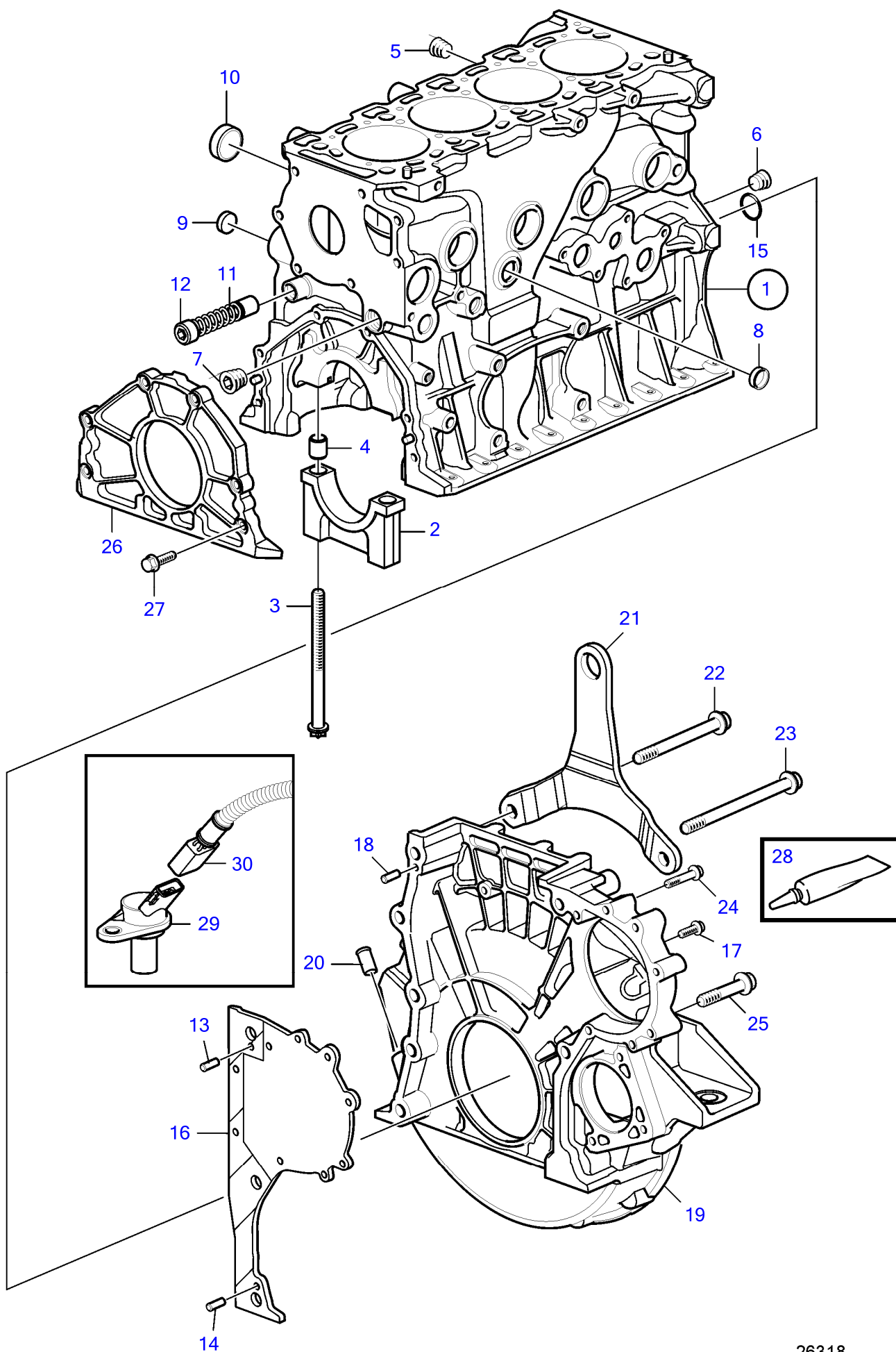
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D4-300A-F, D4-300D-F, D4-300I-F



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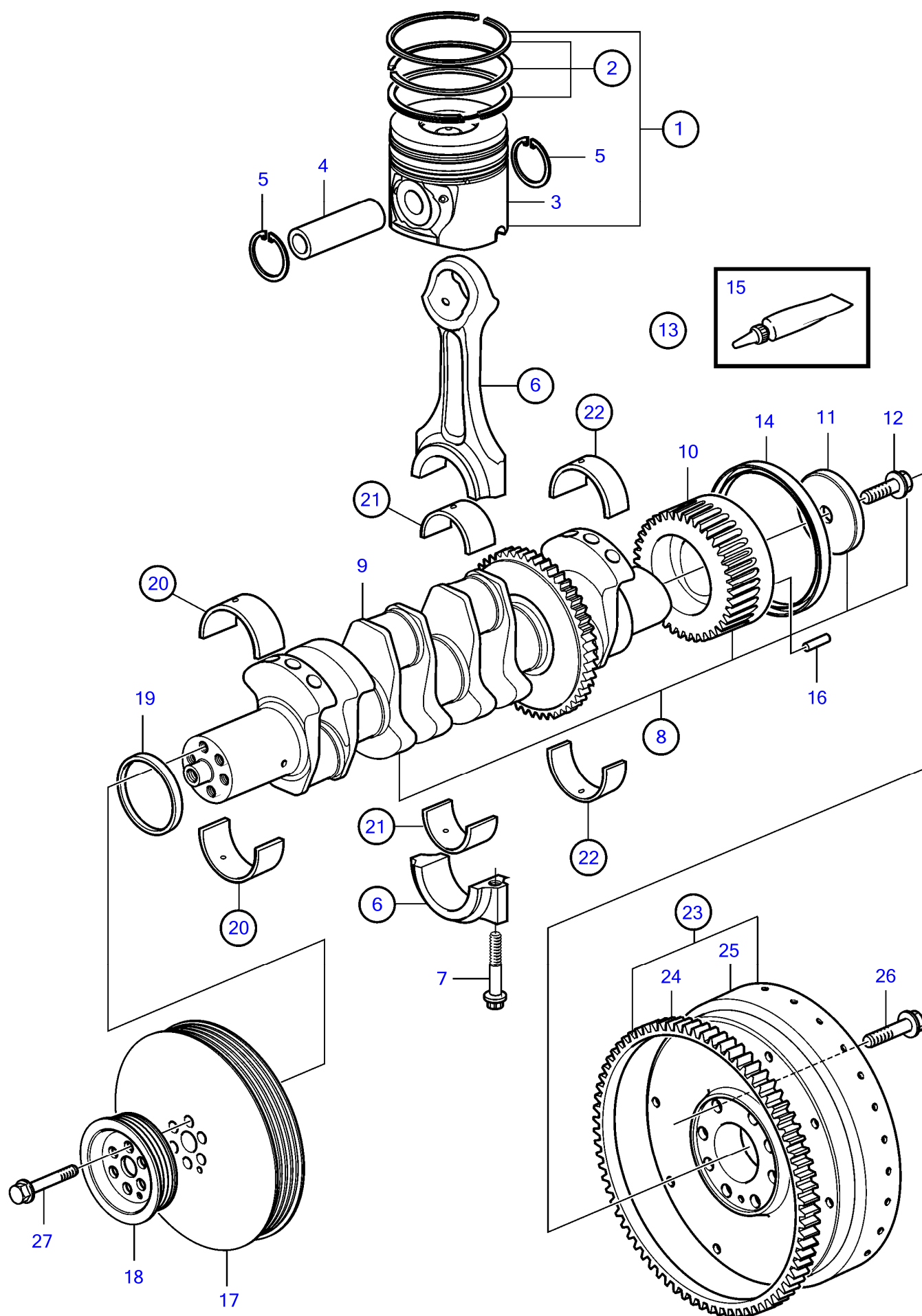
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REF	PART NO.	QTY	DESCRIPTION	NOTES
1		1	Cylinder block	
2		5	• Main bearing cap	
3	21384457	10	• Flange screw	
4	3584214	10	• Guide sleeve	
5	968061	1	• Plug	
6	968063	2	• Plug	
7	979947	2	• Plug	
8	3583447	1	• Expansion plug	
9	24426721	4	• Expansion plug	
10	24426722	9	• Expansion plug	
11	3583079	1	• Piston cooling valve	
12	982121	1	• Plug	
13	950562	1	Pin	
14	950566	1	Pin	
15	3843507	1	O-ring	
16	3582847	1	Plate	
17	946173	2	Flange screw	
18	950564	5	Pin	
19	40005732	1	Flywheel housing	Replaced by 22635095
	22635095	1	Flywheel housing	
20	3583622	1	Hose connection	
21		1	Lifting eye	
22	984867	1	Flange screw	
23	966368	2	Flange screw	
24	994441	3	Flange screw	
25	984859	5	Flange screw	
26	3582750	1	Cardboard tube	
27	946671	6	Flange screw	
28	1161771	X	Sealing compound	
29	21426987	1	• Speed sensor	
30	21138237	1	• Wiring harness	

REF	PART NO.	QTY	DESCRIPTION	NOTES
1	3587752	1	Camshaft, intake	
2	3587753	1	Camshaft, exhaust	Replaced by 21600901
	21600901	1	Camshaft	Replaced by 22580193
	22580193	1	Camshaft	
3	3582855	1	Gear	Replaced by 22646693
	22646693	1	Gear	
4	3582646	2	Sprocket	
5	3583032	2	Washer	Replaced by 22645509
	22645509	2	Washer	
6	984307	2	Flange screw	
7	3582642	1	Drive chain	
8	21165762	1	Hub	
9	946173	3	Flange screw	
10	21641665	1	Idler gear	
11		1	• Bushing	
12		1	• Sprocket	
13	3582652	1	Washer	
14	945444	1	Flange screw	
15	3583576	1	Guide	
16	946173	2	Flange screw	
17	3587634	1	Bracket	
18	994441	3	Flange screw	
19	3583144	1	Retainer	
20	990828	1	• Plug	
21	21113522	1	Gasket	
22	976039	1	O-ring	
23	946671	2	Flange screw	
24	975309	1	O-ring	
25	3582643	1	Tensioner	
26	3582644	1	Guide	
27	3583208	2	Shoulder screw	
28	3587354	2	Washer	
29	3583874	1	Guide	
30	964106	1	Gasket	
31	3583686	1	Cover	
32	3583959	1	• Elbow nipple	
33	953041	2	Stud	
34	945408	2	Flange nut	
35	946173	2	Flange screw	
36	3588346	X	Lubricant	500G
37	994559	1	Hose clamp	
38	190993	1	Hose	L=265mm

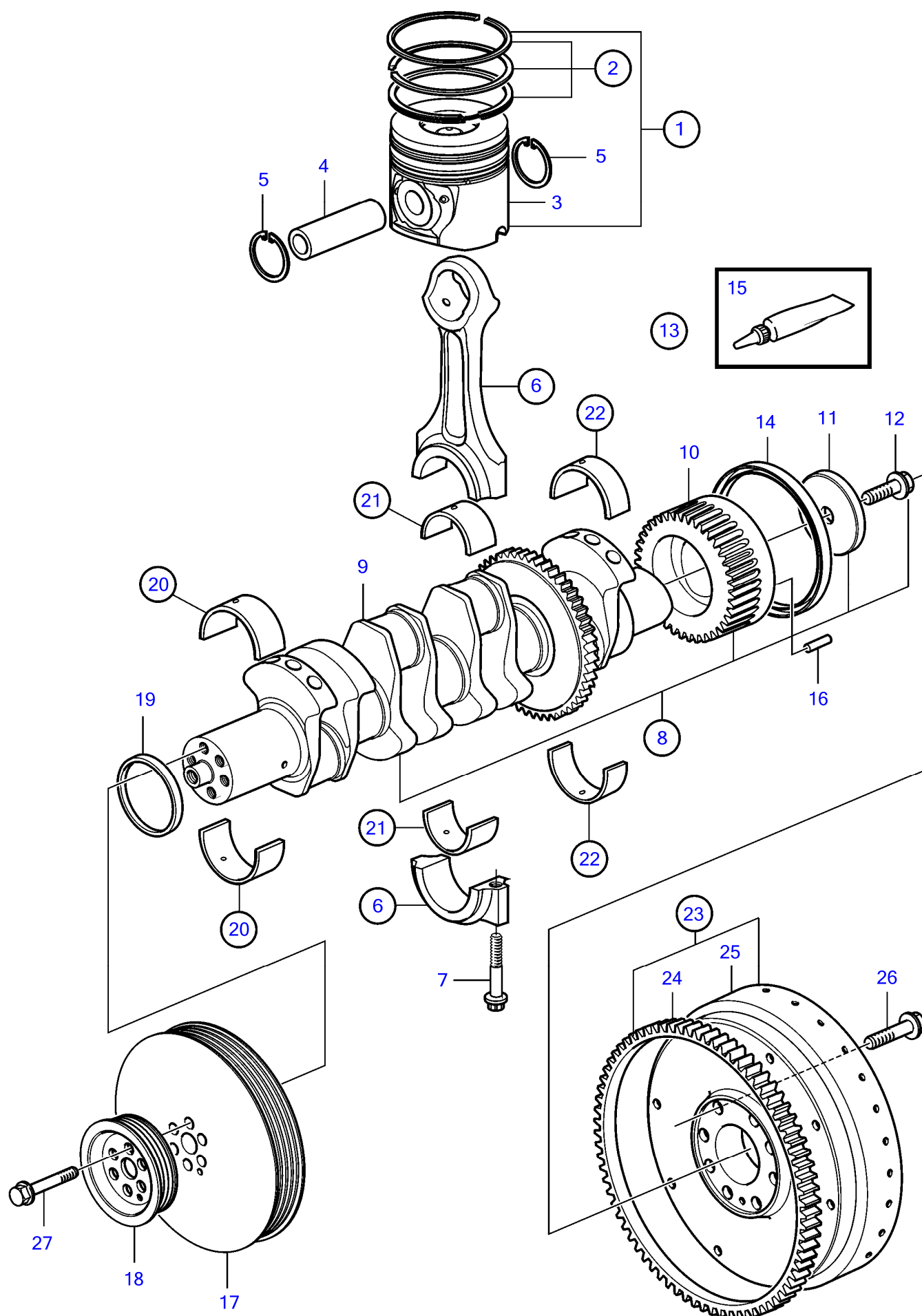
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D4-180I-F, D4-225A-F, D4-225I-F, D4-260A-F, D4-260D-F, D4-260I-F

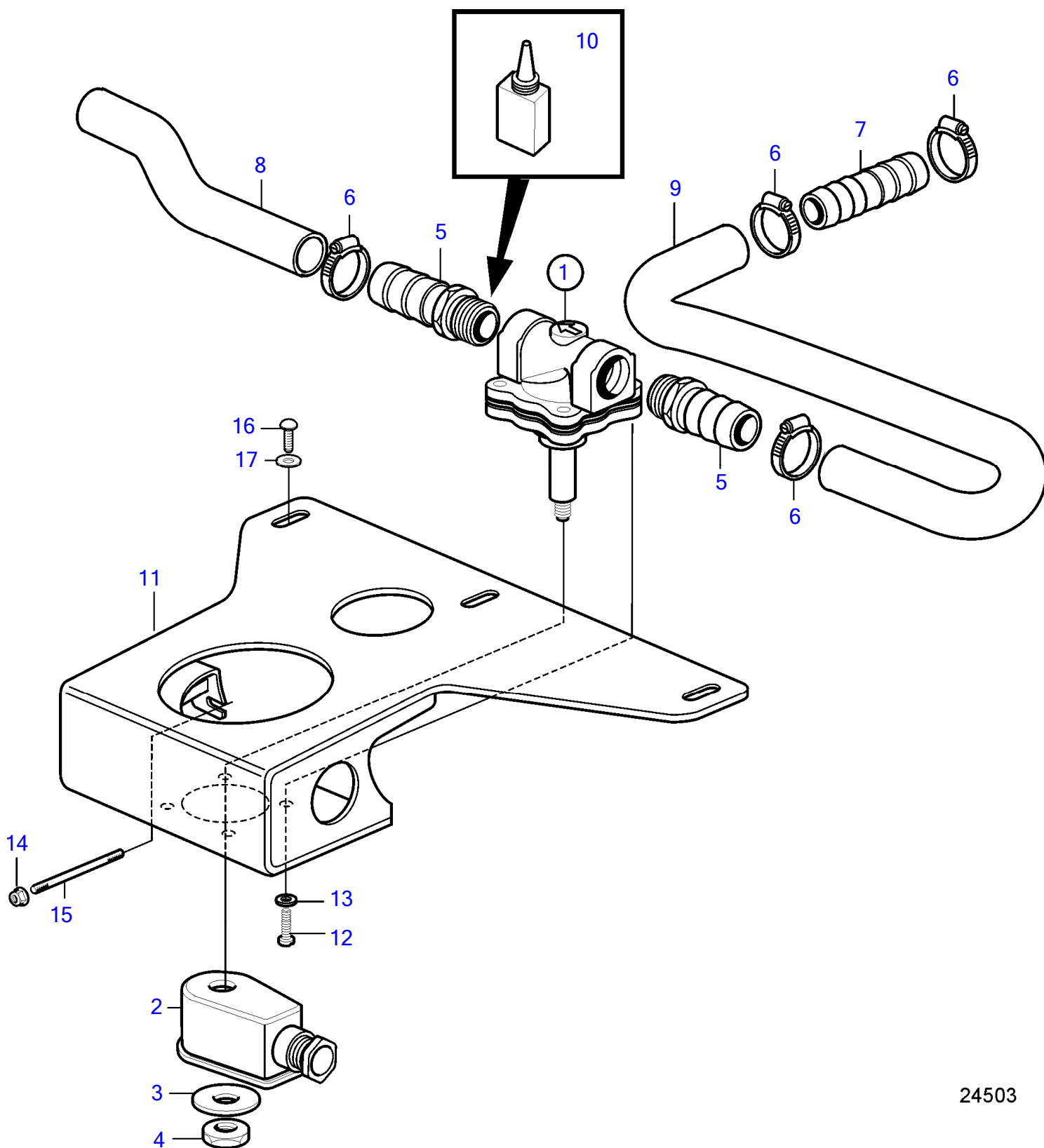
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D4-300A-F, D4-300D-F, D4-300I-F



REF	PART NO.	QTY	DESCRIPTION	NOTES
1	21921546	4	Piston kit	Oil grove 3.5 mm, SN -A180870
	22915955	4	Piston kit	Oil grove 3.0 mm, SN A180871-
	23083960	4	Piston kit	Oversize 0,5mm
2	22582994	1	• Piston ring kit	SN -A180870
	21711728	1	• Piston ring kit	SN A180871-
	23083950	1	• Piston ring kit	Oversize 0,5mm
3		1	• Piston	
		1	• Piston	
4	3581912	1	• Piston pin	
5	982437	2	• Snap ring	
6	21359313	4	Connecting rod	
7	3581905	2	• Screw	
8		1	Crankshaft	
9	3818267	1	• Spare parts kit	
10	3583264	1	• Gear	
11	3582741	1	• Washer	
12	465825	1	• Flange screw	
13	3586960	1	Sealing ring kit	
14		1	• Sealing ring	
15	1161687	1	• Grease	
16	950566	1	Pin	
17	3841075	1	Vibration damper	
18	3582687	1	Pulley	
19	3582748	1	Sealing ring	
20	3586871	4	Main bearing kit	Std
	3586873	4	Main bearing kit	O.S=0,25mm
	3586875	4	Main bearing kit	O.S=0.50mm
	3586876	4	Main bearing kit	O.S=0,75mm
21	3885323	4	Bearing shell kit	Std
	3885324	4	Bearing shell kit	O.S=0,25mm
	3885325	4	Bearing shell kit	O.S=0.50mm
	3885326	4	Bearing shell kit	O.S=0,75mm
22	3586877	1	Thrust bearing	Std
	3586879	1	Thrust bearing	O.S=0,25mm
	3586880	1	Thrust bearing	O.S=0.50mm
	3586881	1	Thrust bearing	O.S=0,75mm
23	3581913	1	Flywheel	
24	829462	1	• Ring gear	
25		1	• Flywheel	
26	465825	8	Flange screw	
27	465825	6	Flange screw	

D4-180I-F, D4-260A-F, D4-260D-F, D4-260I-F

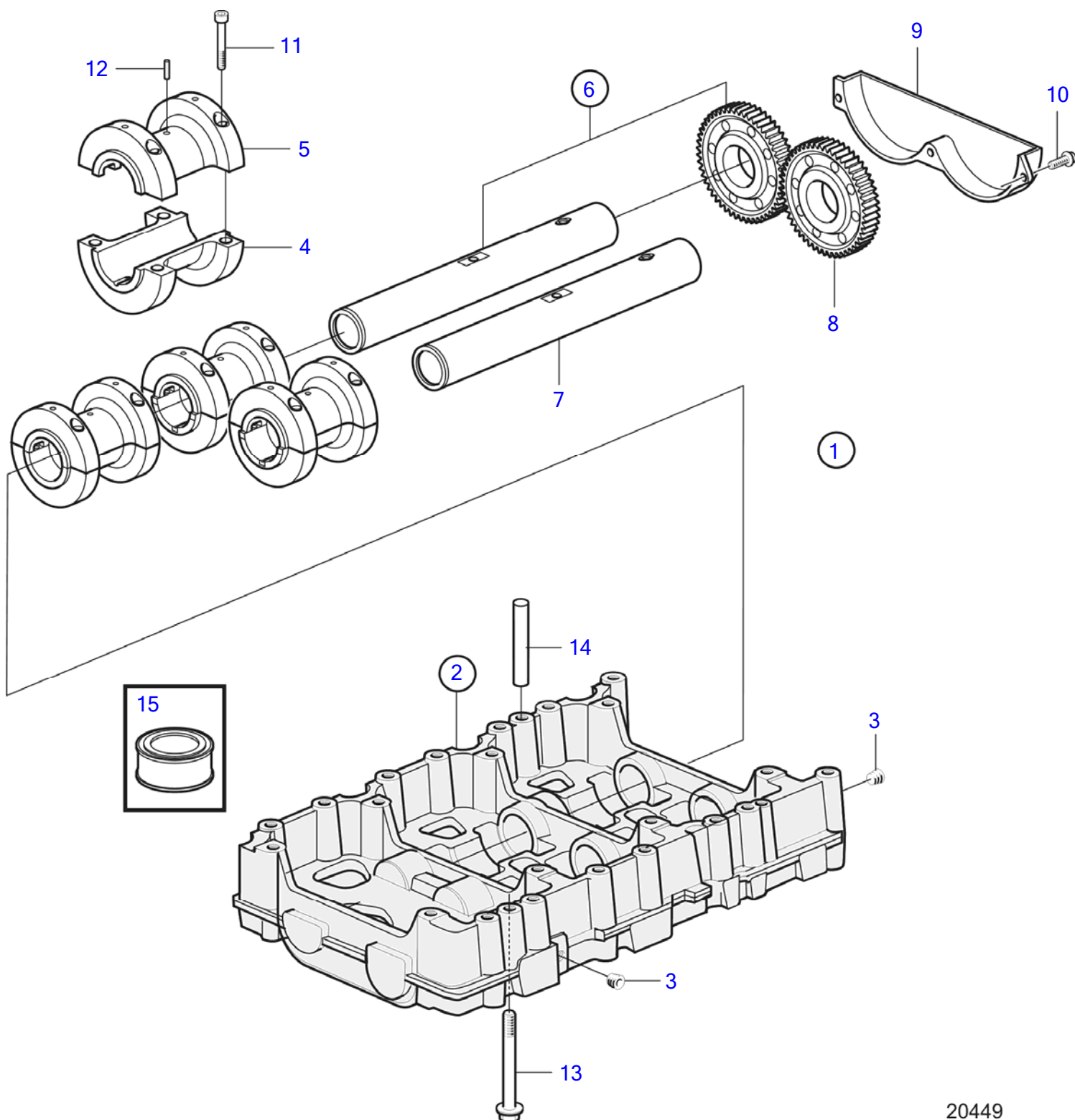


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D4-180I-F, D4-260A-F, D4-260D-F, D4-260I-F

REF	PART NO.	QTY	DESCRIPTION	NOTES
1	3884115	1	Solenoid valve	12V
	21422478	1	Solenoid valve	24V
2		1	▪ Housing	
3		1	▪ Washer	
4		1	▪ Nut	
5	991171	2	Hose nipple	
6	961666	4	Hose clamp	
7	991128	1	Hose nipple	
8	3884904	1	Hose	
9	3884902	1	Hose	
10	1161053	1	Locking fluid	
11	21132527	1	Bracket	(3885310)
12	955514	3	Hexagon screw	
13	976943	3	Washer	
14	945408	2	Flange nut	
15	948194	2	Stud	
16	971321	3	6 point socket screw	M6x16mm
17	976943	3	Washer	

D4-180I-F, D4-225A-F, D4-225I-F, D4-260A-F, D4-260D-F, D4-260I-F, D4-300A-F, D4-300D-F, D4-300I-F

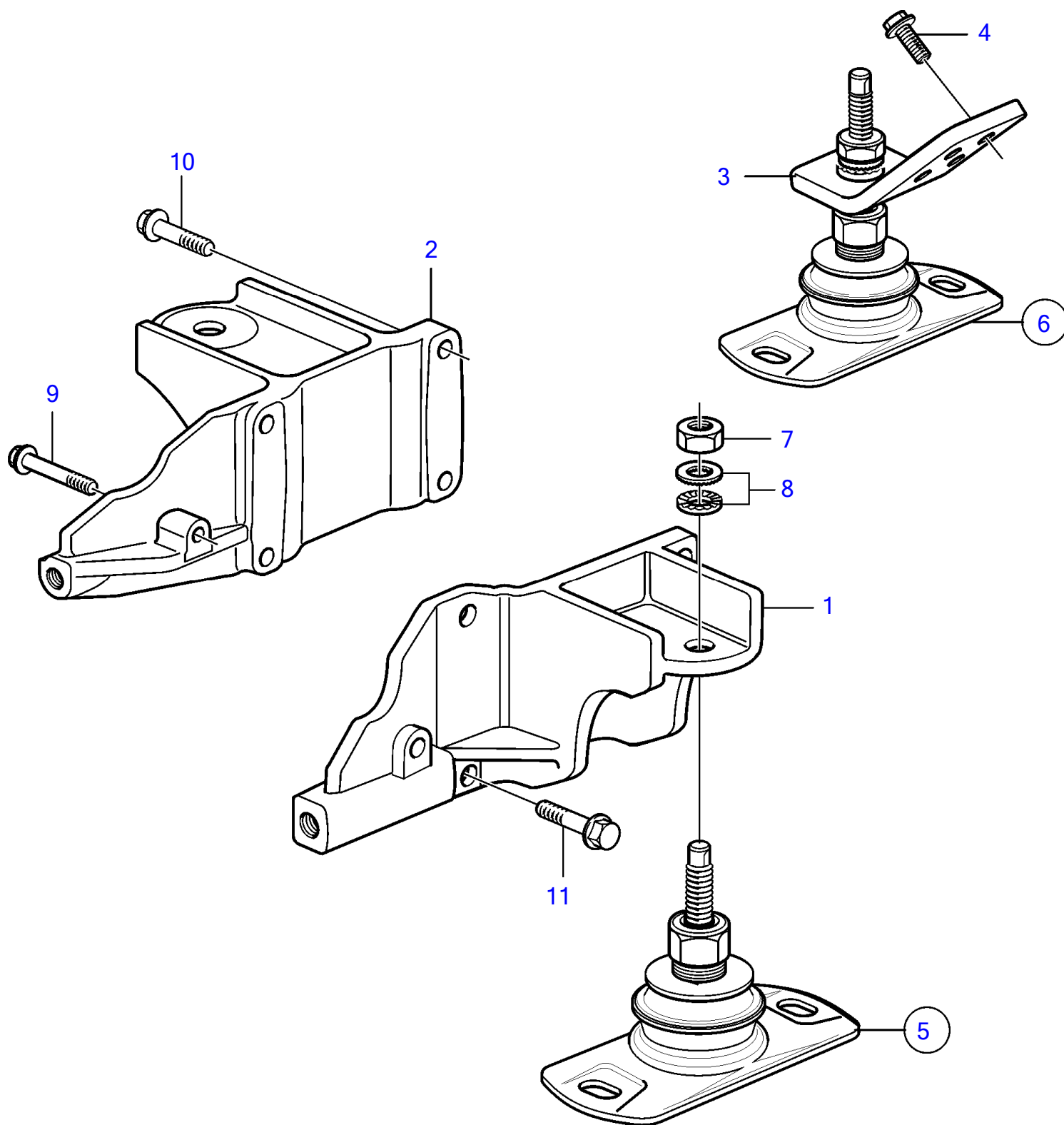


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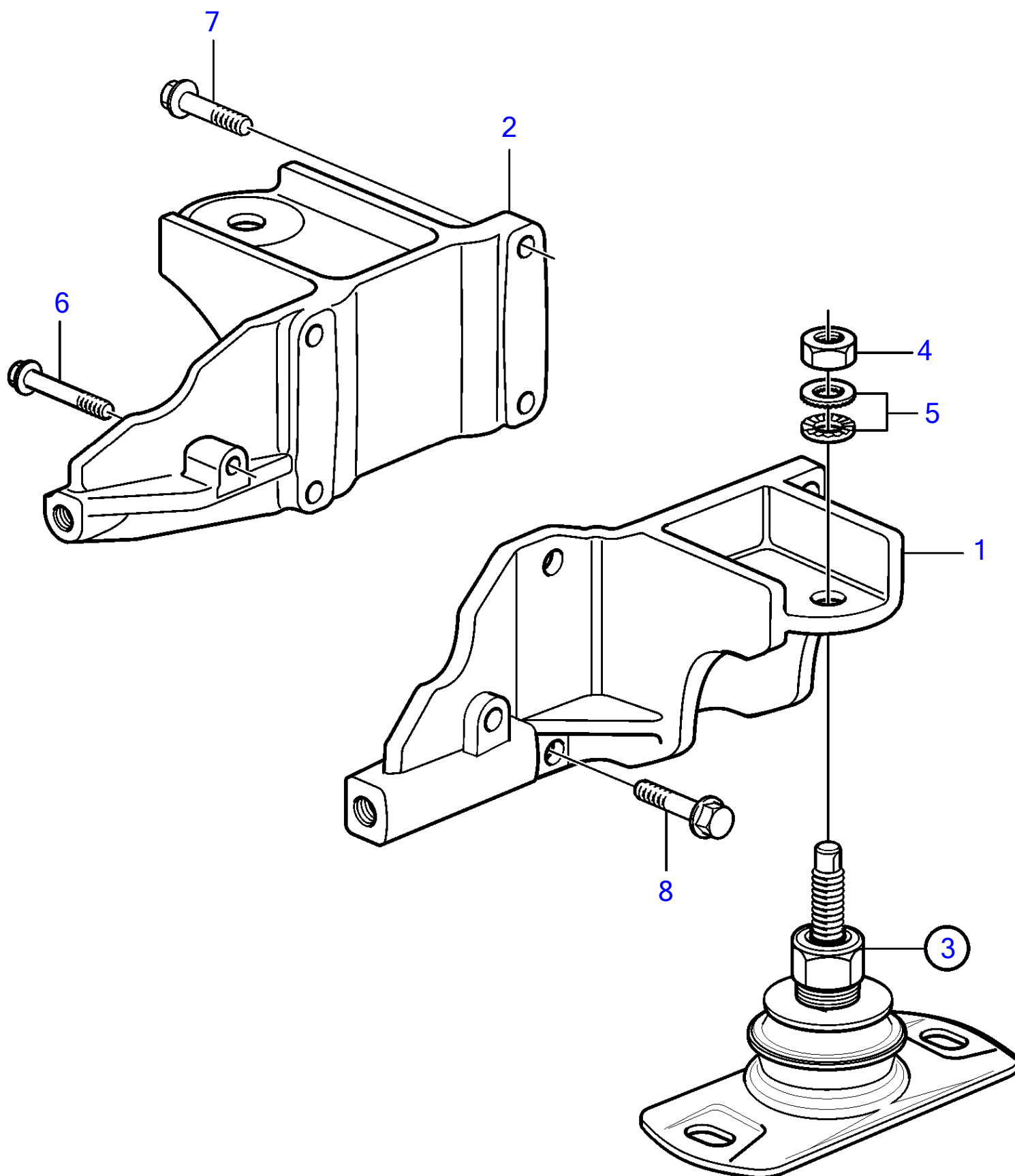


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D4-180I-F, D4-225I-F, D4-260D-F, D4-260I-F, D4-300D-F, D4-300I-F

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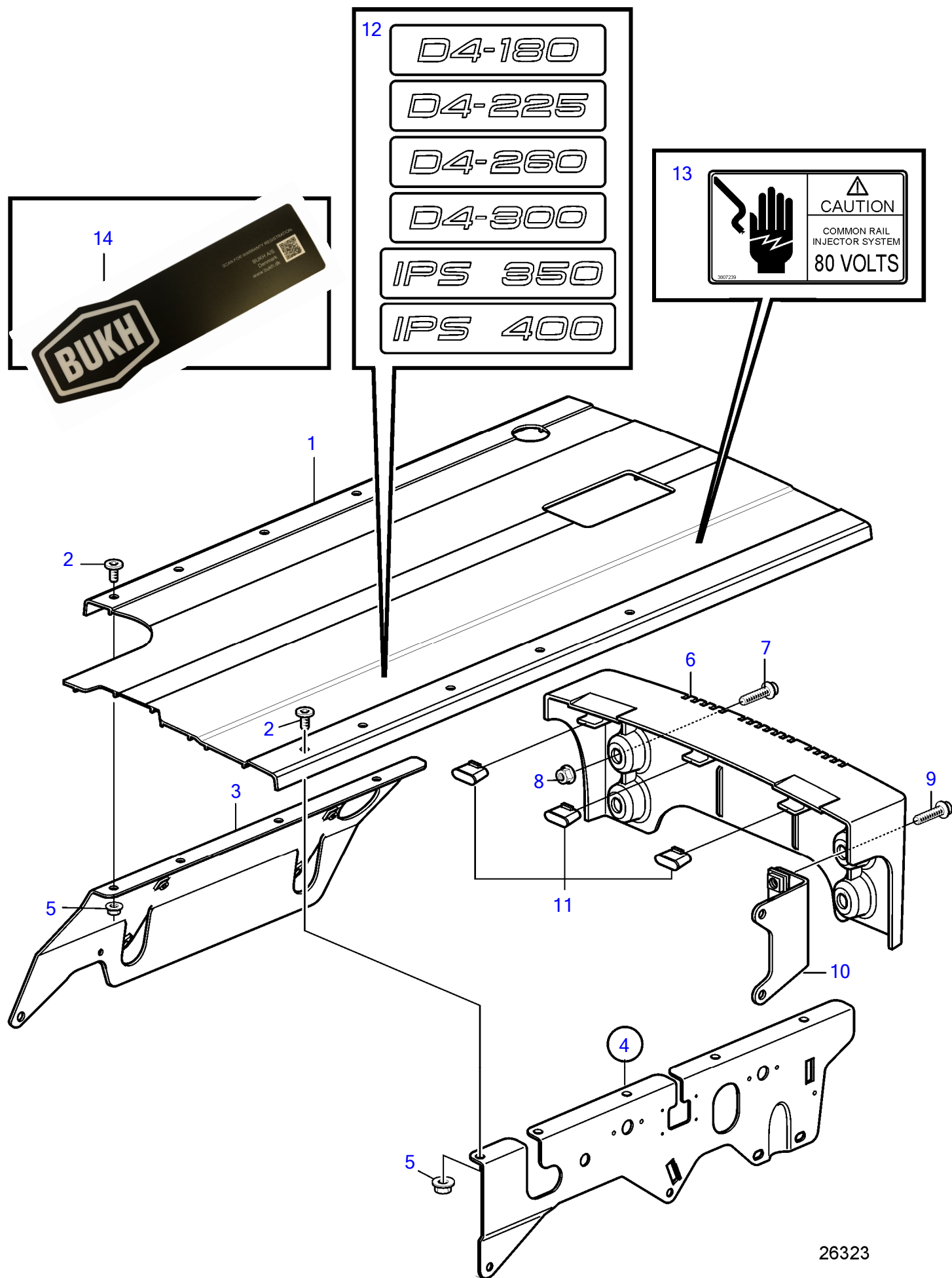


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D4-225A-F, D4-260A-F, D4-260D-F, D4-300A-F, D4-300D-F

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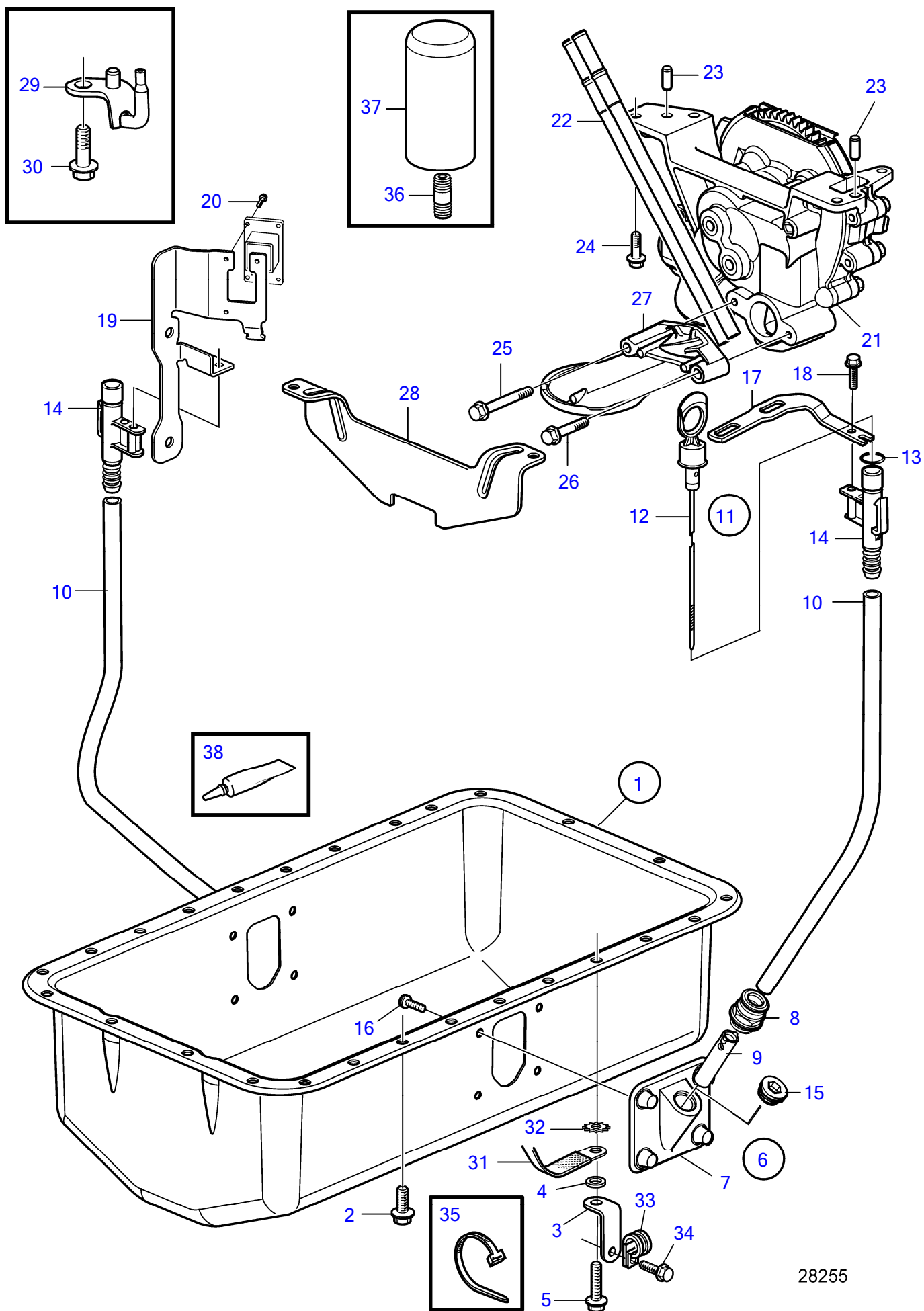


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REF	PART NO.	QTY	DESCRIPTION	NOTES
1	21656732	1	Cover	
2	971319	9	6 point socket screw	
3	21475793	1	Support	
4	21956769	1	Support	
5		6	• Weld nut	
6	3588528	1	Protecting cover	
7	946173	2	Flange screw	
8	945408	2	Flange nut	
9	946671	2	Flange screw	
10	3586068	1	Bracket	
11	3584091	3	Support	
12		1	Decal	D4-180
		1	Decal	D4-225
		1	Decal	D4-260
		1	Decal	D4-300
		1	Decal	IPS 350
		1	Decal	IPS 400
13	3807239	1	Decal	
14	100-140002	1	Bukh engine sticker	

D4-180I-F, D4-225A-F, D4-225I-F, D4-260A-F, D4-260D-F, D4-260I-F, D4-300A-F, D4-300D-F, D4-300I-F

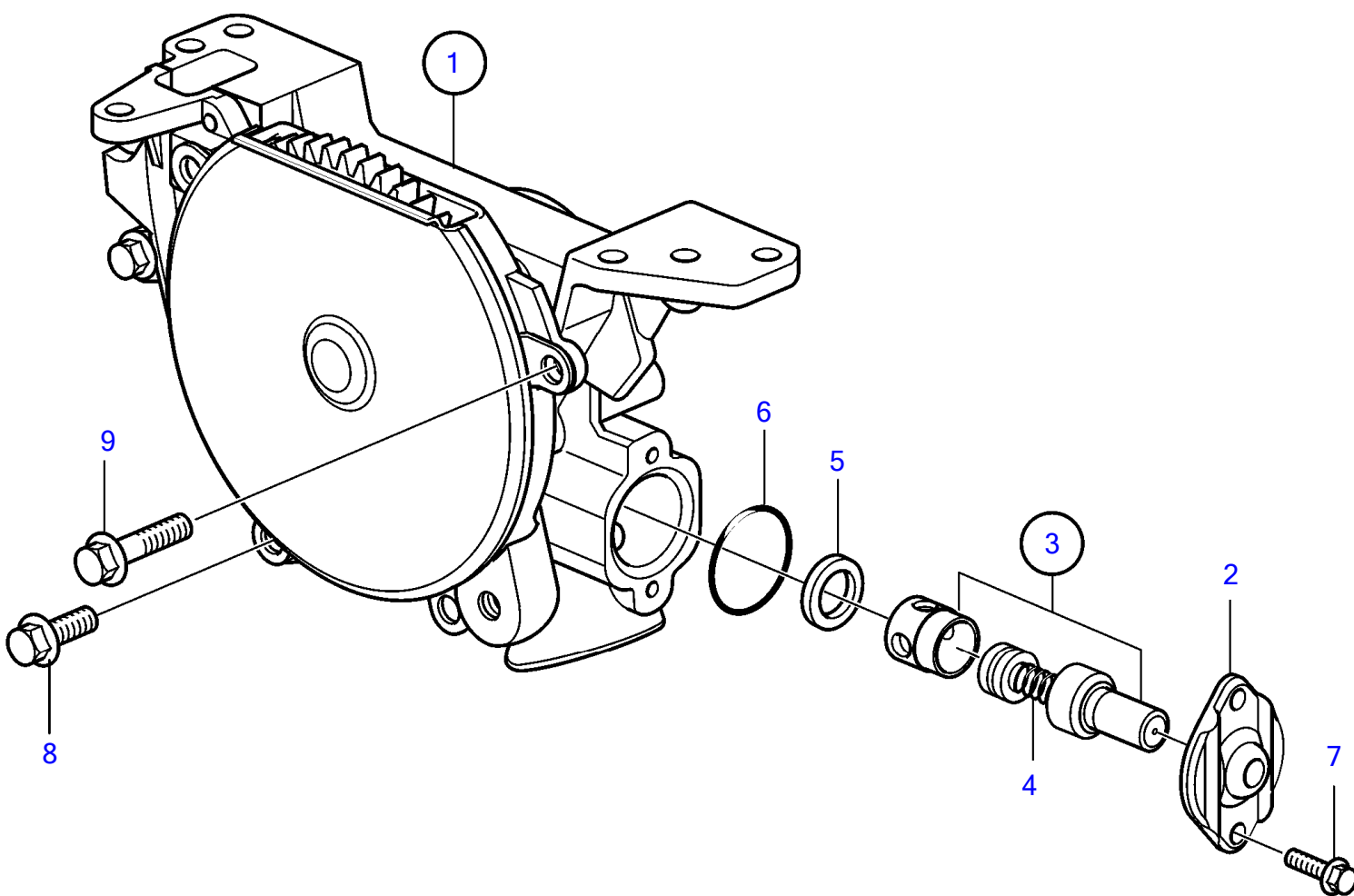


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47704400-22-37227	28255	Upd:2/21/2017
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D4-180I-F, D4-225A-F, D4-225I-F, D4-260A-F, D4-260D-F, D4-260I-F, D4-300A-F, D4-300D-F, D4-300I-F

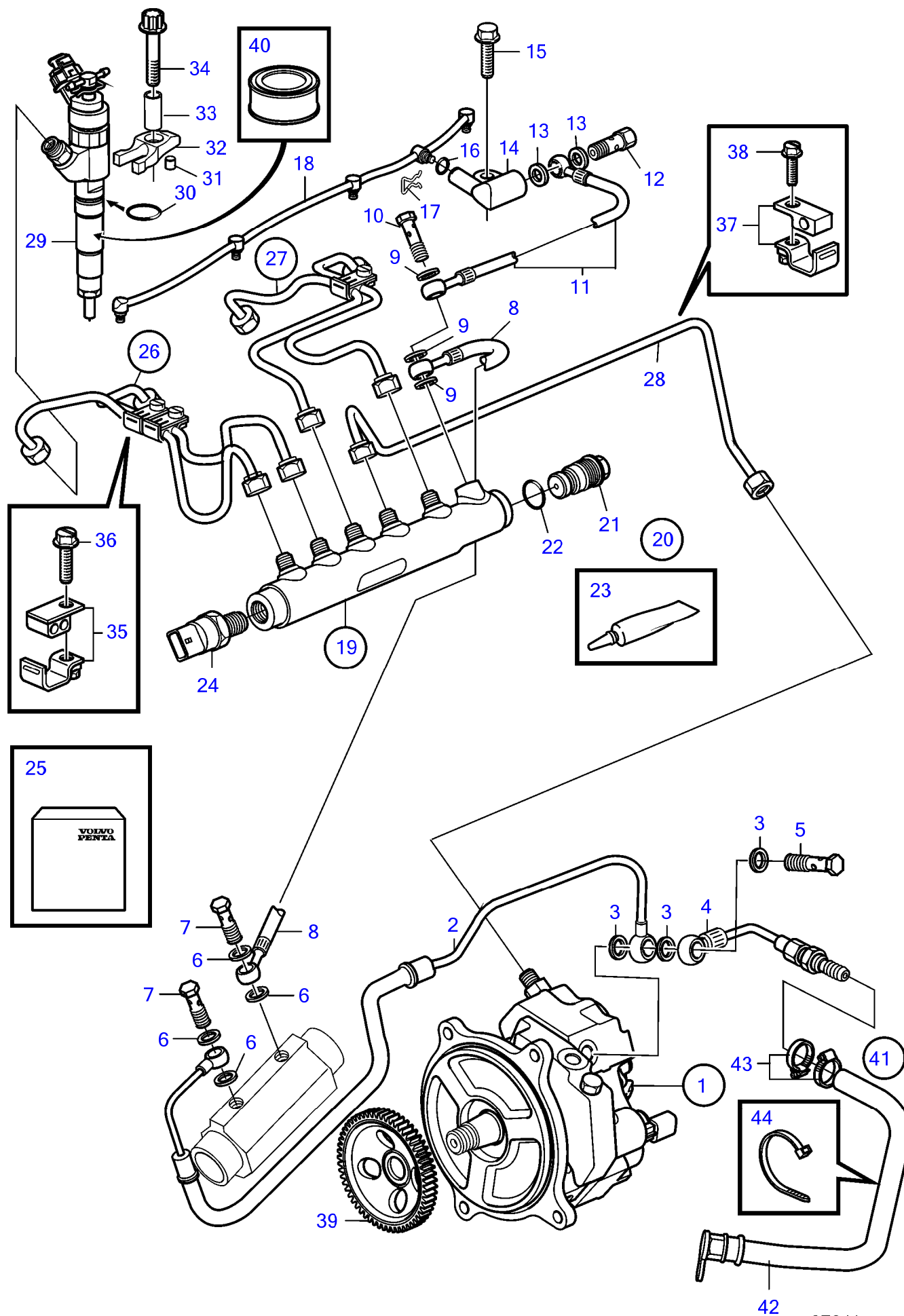


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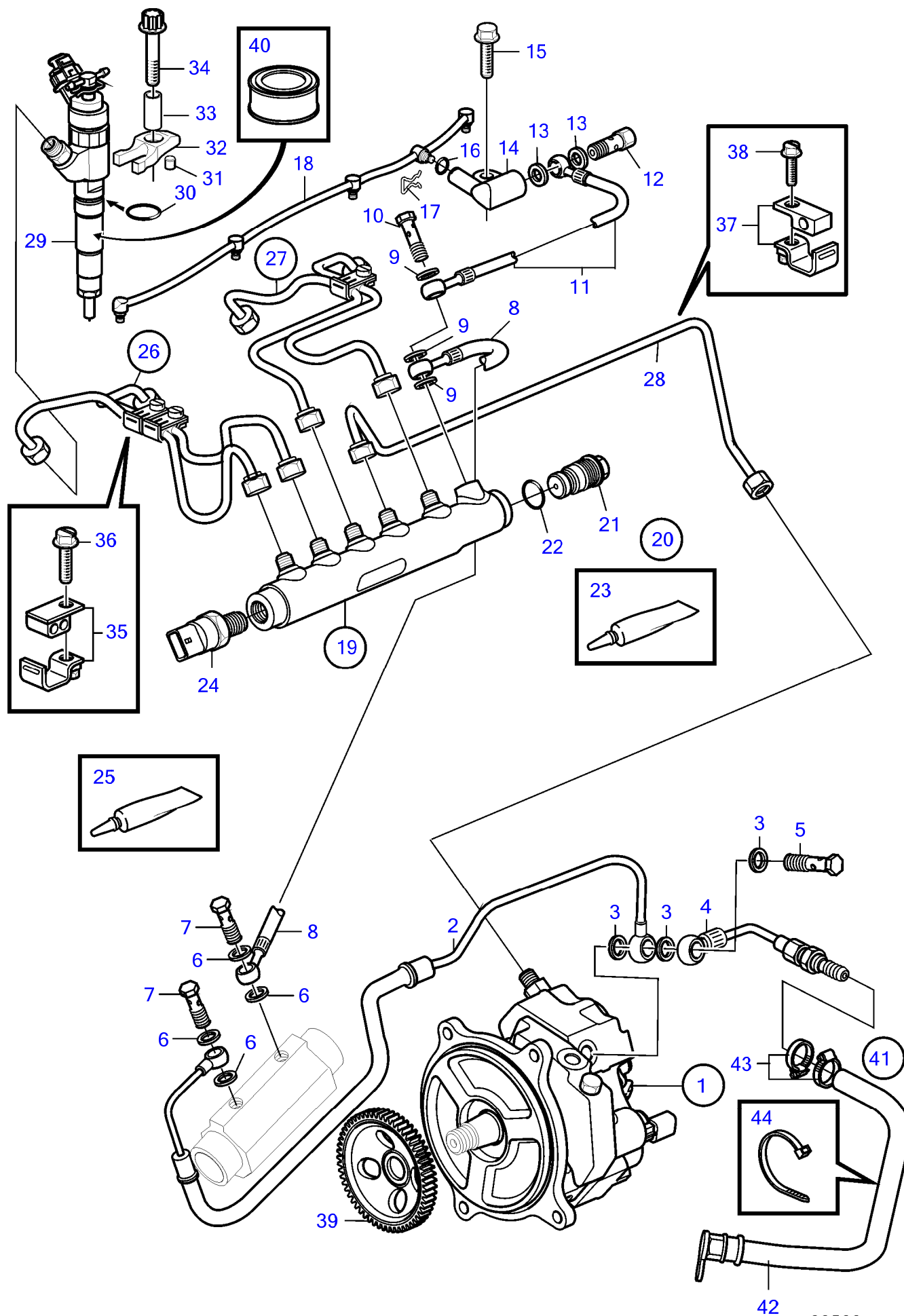
REF	PART NO.	QTY	DESCRIPTION	NOTES
1	3582667	1	Oil pump	
2	471648	1	• Cover	
3	3826265	1	• Reduction valve	
4	3826266	1	• • Spring	
5	469846	1	• Sealing ring	
6	949659	1	• O-ring	
7	946544	2	• Flange screw	L=16mm
8	946470	2	• Flange screw	L=35mm
9	967949	2	• Flange screw	L=12mm

D4-180I-F, D4-225A-F, D4-225I-F, D4-260A-F, D4-260D-F, D4-260I-F



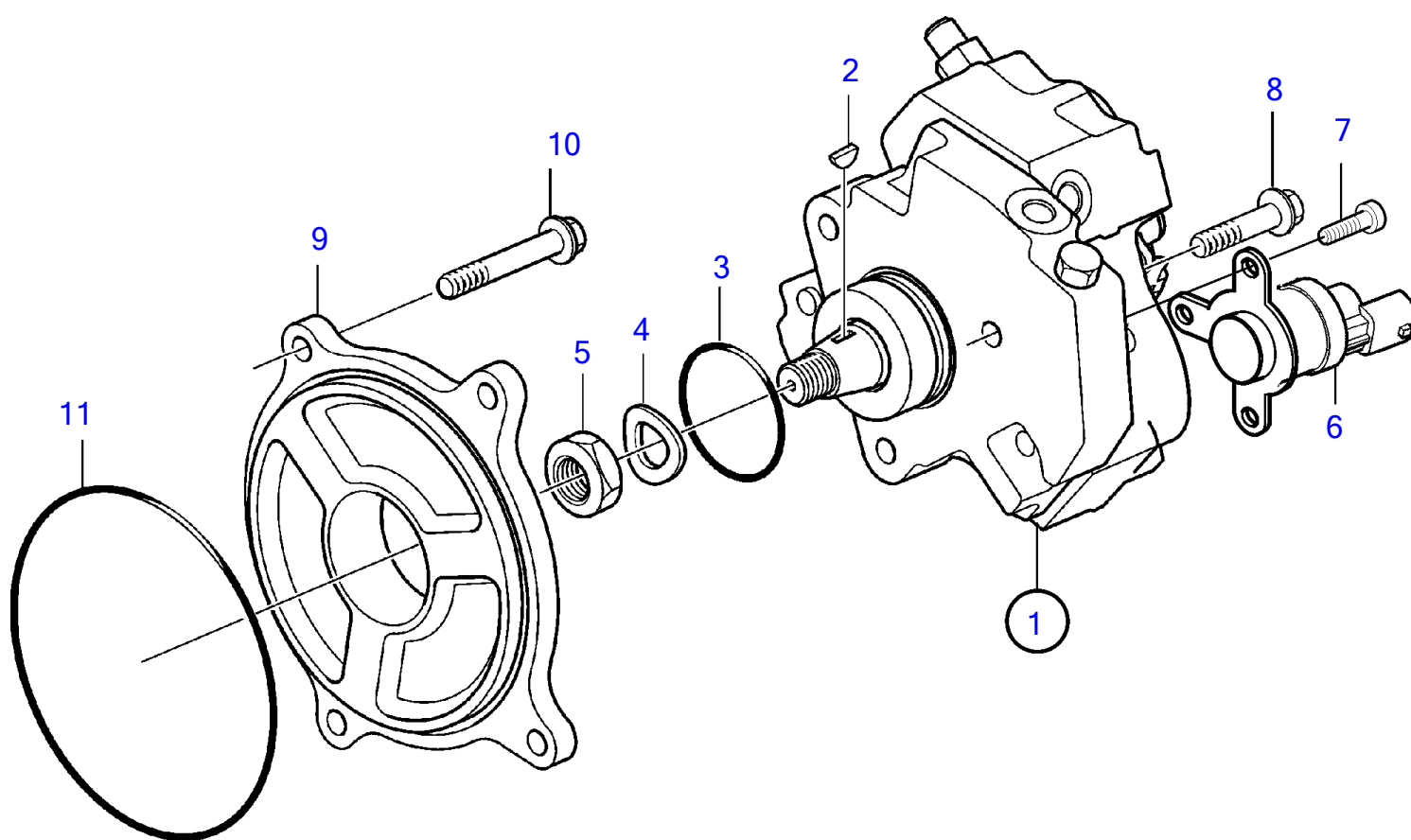
47704400-23-37236	27811	Upd:2/21/2017
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D4-300A-F, D4-300D-F, D4-300I-F



REF	PART NO.	QTY	DESCRIPTION	SEE SEC.	NOTES
1	889635	1	High-pressure pump		
			•	37238	
	3803633	1	High-pressure pump,, exch		
			•	37238	
2	3582997	1	Fuel hose		
3	11994	3	Gasket		
4	21822234	1	Return connection		
5	947975	1	Hollow screw		
6	20852763	4	Sealing ring		
7	969299	2	Hollow screw		
8	3584367	1	Fuel hose		
9	11994	3	Gasket		
10	947975	1	Hollow screw		
11	3584366	1	Fuel hose		
12	3584427	1	Pressure retaining v		
13	969011	2	Gasket		
14	3583123	1	Valve housing		
15	946173	1	Flange screw		
16	3589700	5	O-ring		
17	3583122	1	Lock spring		
18	3582802	1	Leak-off line		
19	3886062	1	Rail		
20	3884353	1	• Pressure limiting va		
21		1	• • Pressure limiting va		
22	3588336	1	• • • O-ring		
23	828250	1	• • • Lubricating grease		
			• Bulletin P-18-4-6	P-18-4-6-EN	Water resistant grease for grease gun
24		1	• Cable		
25	828250	1	• Lubricating grease		
			• Bulletin P-18-4-6	P-18-4-6-EN	Water resistant grease for grease gun
26	3588024	1	Delivery pipe kit		
27	3588025	1	Delivery pipe kit		
28	3582796	1	Delivery pipe		
29	3801148	4	Injector		
30	3583078	4	O-ring		
31	3583442	4	Support		
32	3582669	4	Clamp		
33	889789	4	Sleeve		
34	3586690	4	Six point screw		
35	3586006	3	Clamp		
36	3586005	3	Screw		
37	3588018	2	Clamp		
38	946544	2	Flange screw		
39	889749	1	Gear		
40	3588346	X	Lubricant		500G
41	21967719	1	Hose		
42	21945682	1	• Hose		
43	961664	2	• Hose clamp		
44	980464	1	• Cable tie		

D4-180I-F, D4-225A-F, D4-225I-F, D4-260A-F, D4-260D-F, D4-260I-F, D4-300A-F, D4-300D-F, D4-300I-F

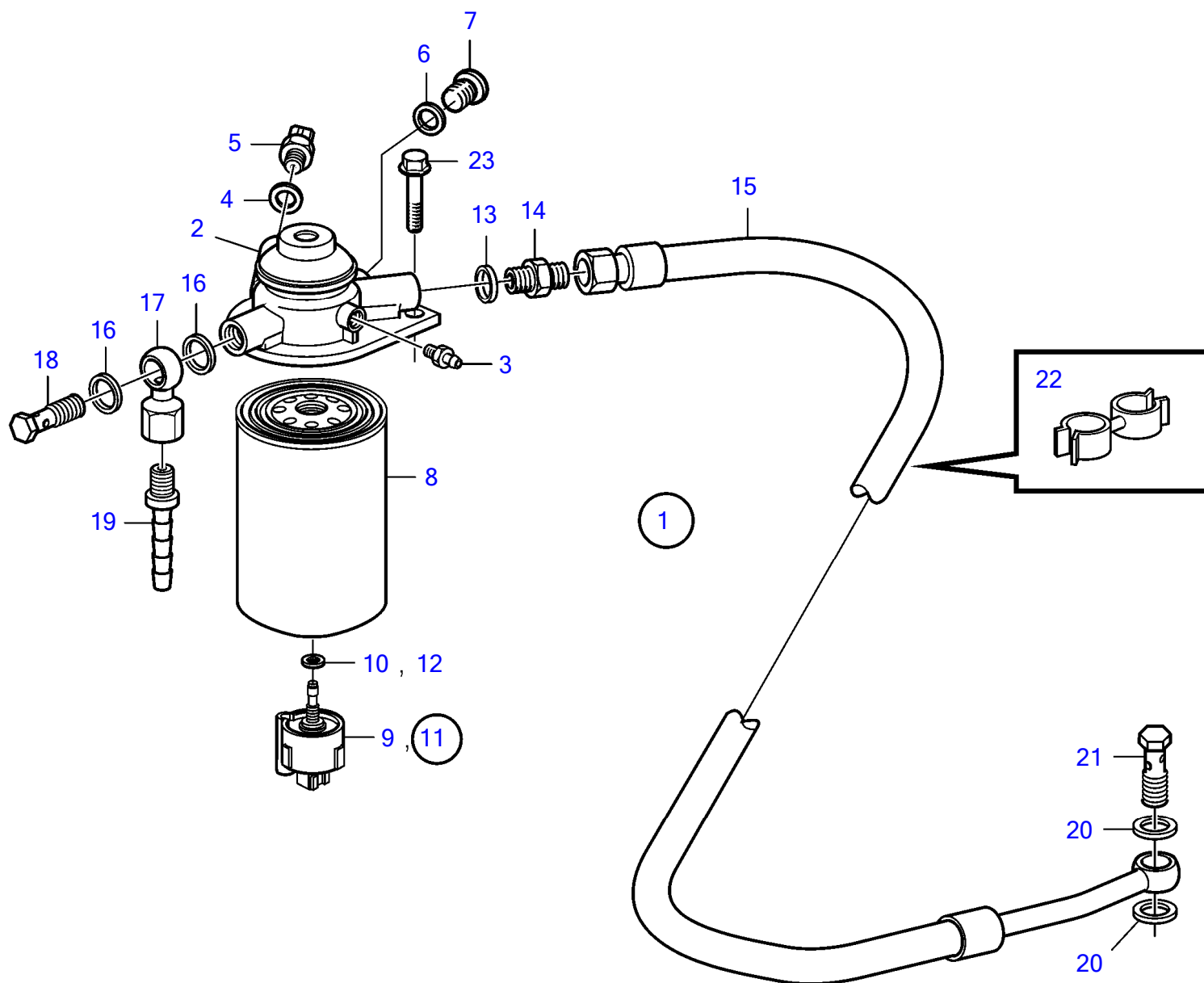


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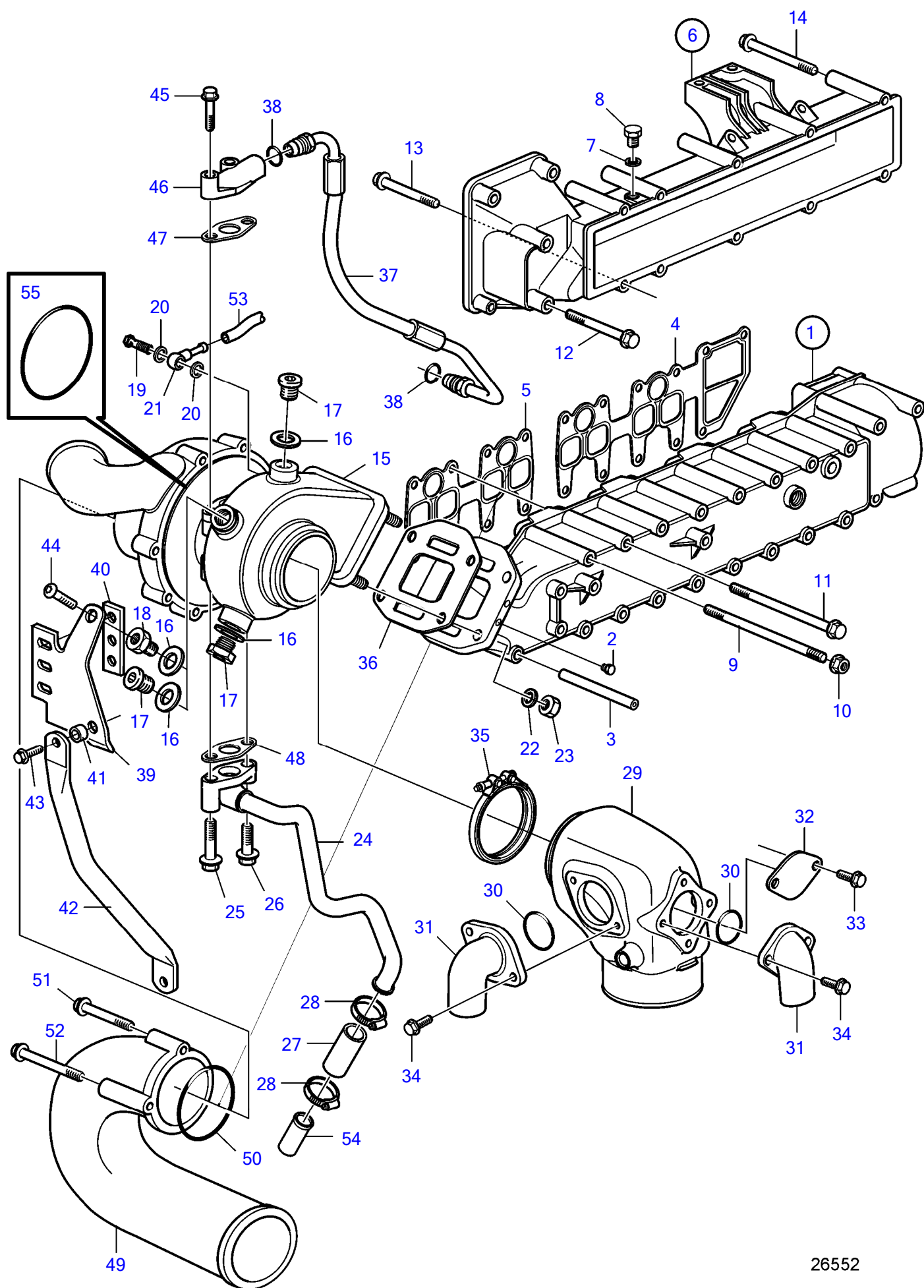


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REF	PART NO.	QTY	DESCRIPTION	NOTES
1	3588199	1	Fuel filter	Replaced by 21540371
	21540371	1	Fuel filter	Replaced by 22677437
	22677437	1	Fuel filter	Replaced by 22996879
	22996879	1	Fuel filter	
2		1	• Fuel filter housing	
3	20548012	1	• Faucet	
4	11996	1	• Gasket	
5	1624368	1	• Sensor	
6	969011	1	• Gasket	
7	945065	1	• Plug	M14x1.5
8	21718912	1	• Filter	
9		1	• Sensor	
10	21927730	1	• • Gasket	
11	3808616	1	Sensor	Installation instruction included.
12	21927730	1	• Gasket	
13	969011	1	Gasket	
14	941754	1	Nipple	
15	3582998	1	Fuel hose	
16	969011	2	Gasket	
17	861101	1	Banjo nipple	
18	25167	1	Hollow screw	
19	3825000	1	Hose nipple	
20	969011	2	Gasket	
21	25167	1	Hollow screw	
22	9205207	1	Retainer	
23	946671	2	Flange screw	

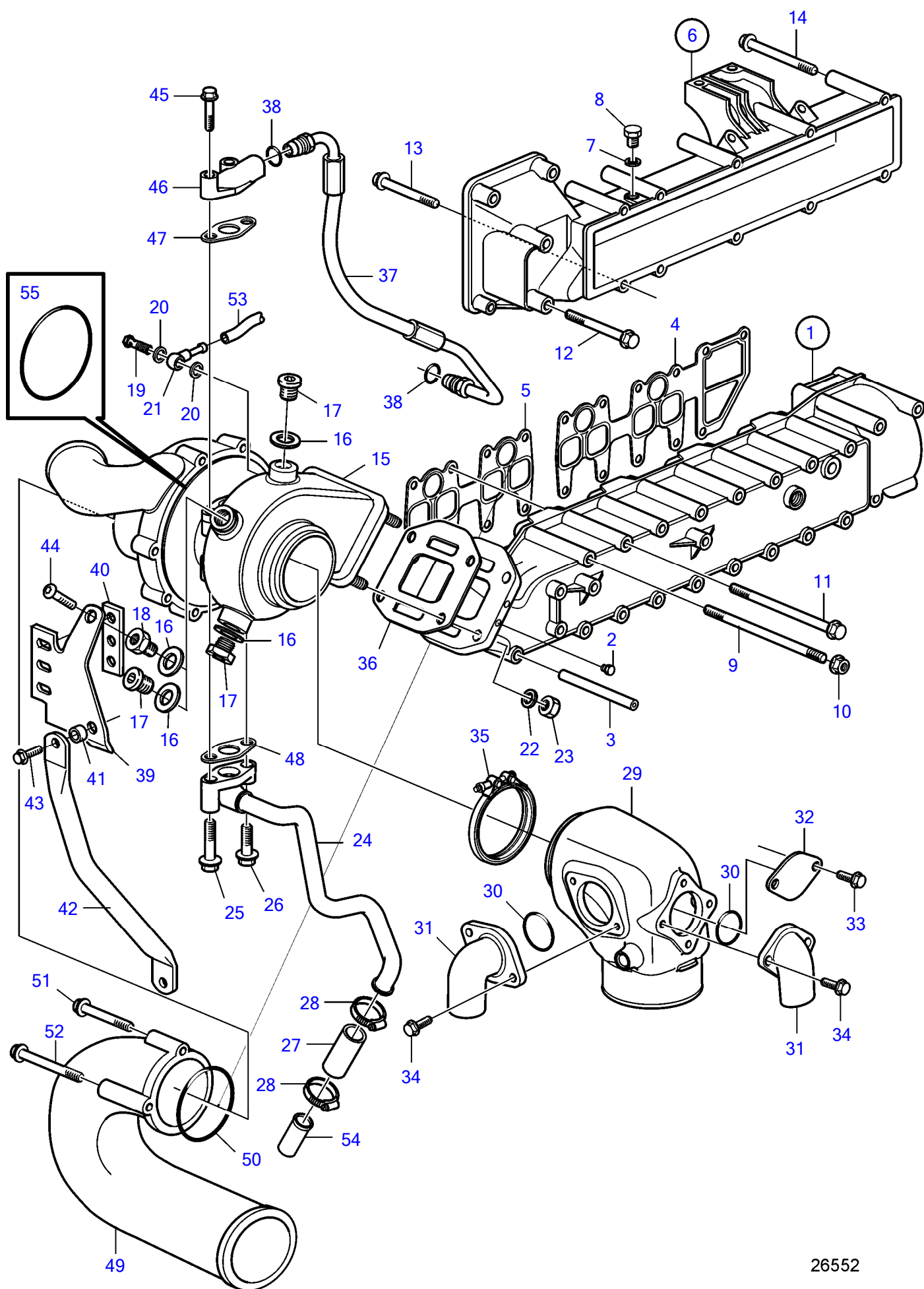
D4-180I-F, D4-225A-F, D4-225I-F



D4-180I-F, D4-225A-F, D4-225I-F

REF	PART NO.	QTY	DESCRIPTION	NOTES
1	3841197	1	Exhaust manifold	
2	479979	1	• Plug	
3	3583116	1	• Spring pin	
4	3583336	1	Gasket	
5	3582725	1	Gasket	
6	3808941	1	Inlet pipe	
7	11994	1	• Gasket	
8	966142	1	• Plug	
9	948194	4	Stud	
10	945408	4	Flange nut	
11	968999	16	Flange screw	L=130mm
12	947760	2	Flange screw	
13	965184	9	Flange screw	L=100mm
14	965182	1	Flange screw	L=80mm
15	3802150	1	Turbocharger	
			• parts not sold separately	
16	947627	2	Gasket	
17	861551	1	Plug	
18	861646	2	Plug	
19	969299	1	Hollow screw	
20	11994	2	Gasket	
21	858750	1	Banjo nipple	
22	955895	4	Washer	
23	991657	4	Hexagon nut	
24	3582967	1	Oil return pipe	
25	948217	1	Flange screw	
26	945444	1	Flange screw	
27	21882797	1	Hose	
28	994559	2	Hose clamp	
29	21684826	1	Exhaust riser	
30	969415	2	O-ring	
31	21450768	2	Connector	
32	3584006	1	Cover	
33	946934	2	Flange screw	
34	948356	4	Flange screw	
35	21325765	1	V-clamp	
36	21452196	1	Gasket	
37	40005392	1	Oil pressure pipe	
38	976971	2	• O-ring	
39	3586073	1	Bracket	
40	(3586070)	1	• Nut retainer	Obsolete part
41	860699	1	Spacer sleeve	
42	3586071	1	Support	
43	946472	1	Flange screw	
44	946471	1	Flange screw	
45	947760	2	Flange screw	
46	8192268	1	Flange	
47	420641	1	Plane gasket	
48	860105	1	Gasket	
49	3812945	1	Connector	
50	949841	1	O-ring	
51	965180	1	Flange screw	
52	968842	2	Flange screw	
53	942700	X	Hose	L=600mm
54	3583622	1	Hose connection	
55	22916981	1	O-ring	

D4-260A-F, D4-260D-F, D4-260I-F

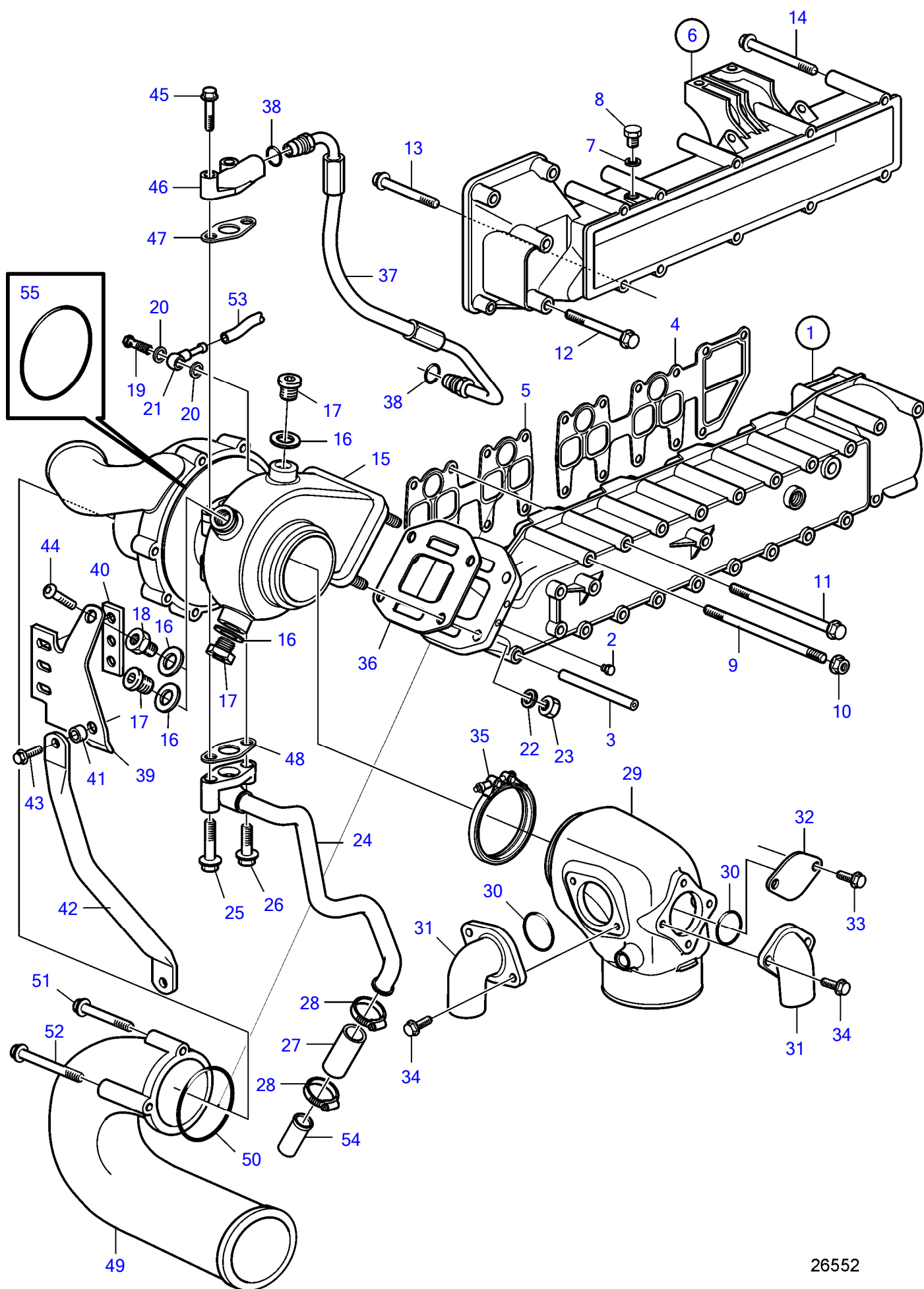


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D4-260A-F, D4-260D-F, D4-260I-F

REF	PART NO.	QTY	DESCRIPTION	NOTES
1	3841197	1	Exhaust manifold	
2	479979	1	• Plug	
3	3583116	1	• Spring pin	
4	3583336	1	Gasket	
5	3582725	1	Gasket	
6	3808941	1	Inlet pipe	
7	11994	1	• Gasket	
8	966142	1	• Plug	
9	948194	4	Stud	
10	945408	4	Flange nut	
11	968999	16	Flange screw	L=130mm
12	947760	2	Flange screw	
13	965184	9	Flange screw	L=100mm
14	965182	1	Flange screw	L=80mm
15	3802149	1	Turbocharger	
			• parts not sold separately	
16	947627	2	Gasket	
17	861551	1	Plug	
18	861646	2	Plug	
19	969299	1	Hollow screw	
20	11994	2	Gasket	
21	858750	1	Banjo nipple	
22	955895	4	Washer	
23	991657	4	Hexagon nut	
24	3582967	1	Oil return pipe	
25	948217	1	Flange screw	
26	945444	1	Flange screw	
27	21882797	1	Hose	
28	994559	2	Hose clamp	
29	21684826	1	Exhaust riser	
30	969415	2	O-ring	
31	21450768	2	Connector	
32	3584006	1	Cover	
33	947542	2	Flange screw	
34	948356	4	Flange screw	
35	21325765	1	V-clamp	
36	21452196	1	Gasket	
37	40005392	1	Oil pressure pipe	
38	976971	2	• O-ring	
39	3586073	1	Bracket	
40	(3586070)	1	• Nut retainer	Obsolete part
41	860699	1	Spacer sleeve	
42	3586071	1	Support	
43	946472	1	Flange screw	
44	946471	1	Flange screw	
45	947760	2	Flange screw	
46	8192268	1	Flange	
47	420641	1	Plane gasket	
48	860105	1	Gasket	
49	3812945	1	Connector	
50	949841	1	O-ring	
51	965180	1	Flange screw	
52	968842	2	Flange screw	
53	942700	X	Hose	L=600mm
54	3583622	1	Hose connection	
55	22916981	1	O-ring	

D4-300A-F, D4-300D-F, D4-300I-F



26552

D4-300A-F, D4-300D-F, D4-300I-F

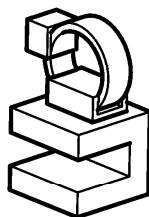
REF	PART NO.	QTY	DESCRIPTION	NOTES
1	3841197	1	Exhaust manifold	
2	479979	1	• Plug	
3	3583116	1	• Spring pin	
4	3583336	1	Gasket	
5	3582725	1	Gasket	
6	3808941	1	Inlet pipe	
7	11994	1	• Gasket	
8	966142	1	• Plug	
9	948194	4	Stud	
10	945408	4	Flange nut	
11	968999	16	Flange screw	L=130mm
12	947760	2	Flange screw	
13	965184	9	Flange screw	L=100mm
14	965182	1	Flange screw	L=80mm
15	3801173	1	Turbocharger	
			• parts not sold separately	
16	947627	2	Gasket	
17	861551	1	Plug	
18	861646	2	Plug	
19	969299	1	Hollow screw	
20	11994	2	Gasket	
21	858750	1	Banjo nipple	
22	955895	4	Washer	
23	991657	4	Hexagon nut	
24	3582967	1	Oil return pipe	
25	948217	1	Flange screw	
26	945444	1	Flange screw	
27	21882797	1	Hose	
28	994559	2	Hose clamp	
29	21684826	1	Exhaust riser	
30	969415	2	O-ring	
31	21450768	2	Connector	
32	3584006	1	Cover	
33	947542	2	Flange screw	
34	948356	4	Flange screw	
35	21325765	1	V-clamp	
36	21452196	1	Gasket	
37	40005392	1	Oil pressure pipe	
38	976971	2	• O-ring	
39	3586073	1	Bracket	
40	(3586070)	1	• Nut retainer	Obsolete part
41	860699	1	Spacer sleeve	
42	3586071	1	Support	
43	946472	1	Flange screw	
44	946471	1	Flange screw	
45	947760	2	Flange screw	
46	8192268	1	Flange	
47	420641	1	Plane gasket	
48	860105	1	Gasket	
49	3812945	1	Connector	
50	949841	1	O-ring	
51	965180	1	Flange screw	
52	968842	2	Flange screw	
53	942700	X	Hose	L=600mm
54	3583622	1	Hose connection	
55	22916981	1	O-ring	

D4-180I-F, D4-225I-F, D4-260I-F, D4-300I-F

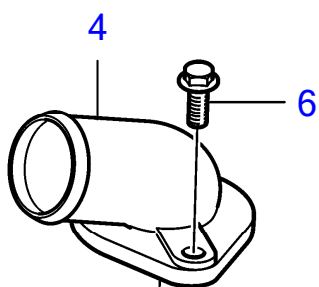
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12



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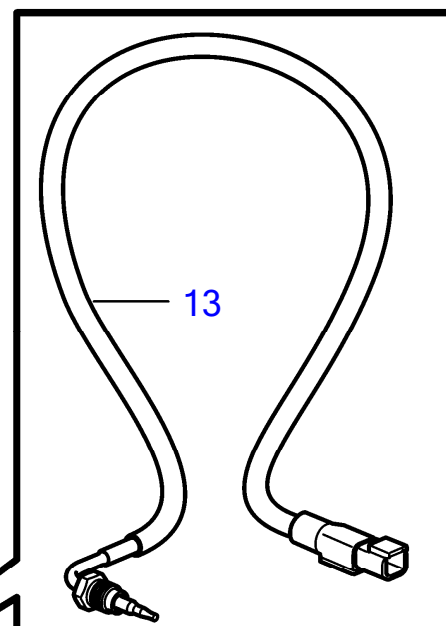


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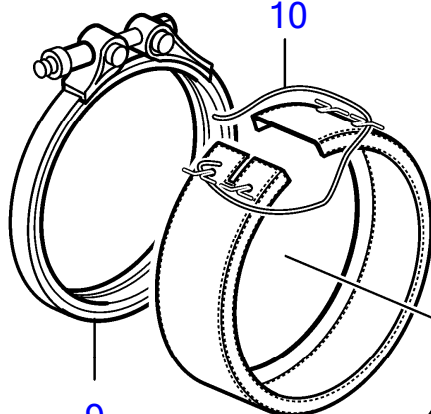
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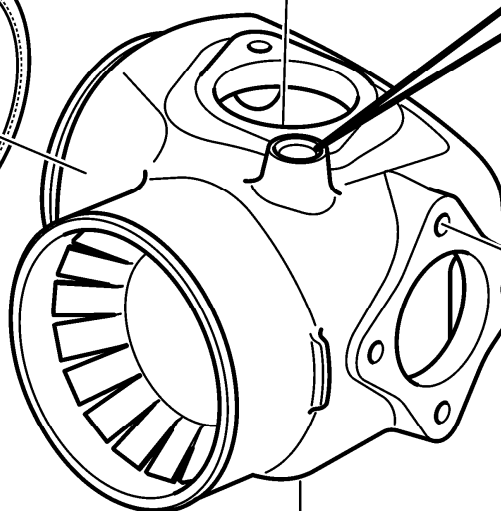


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9

14

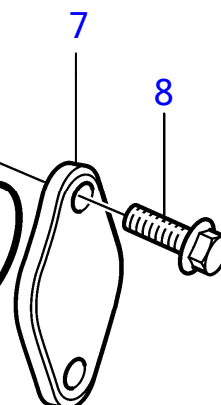


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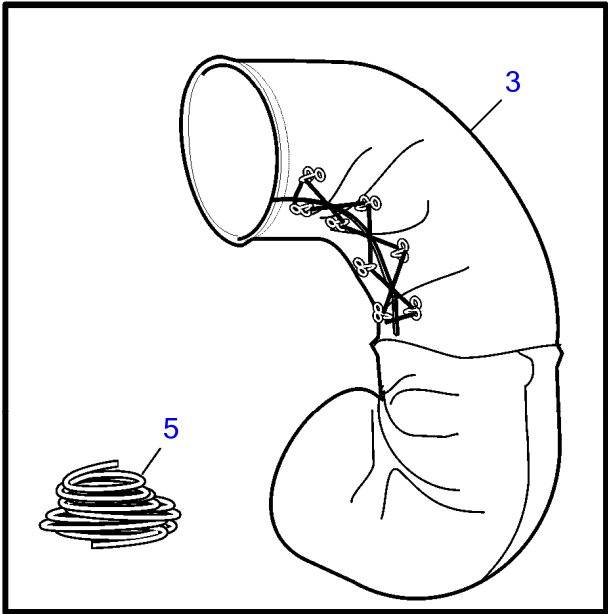
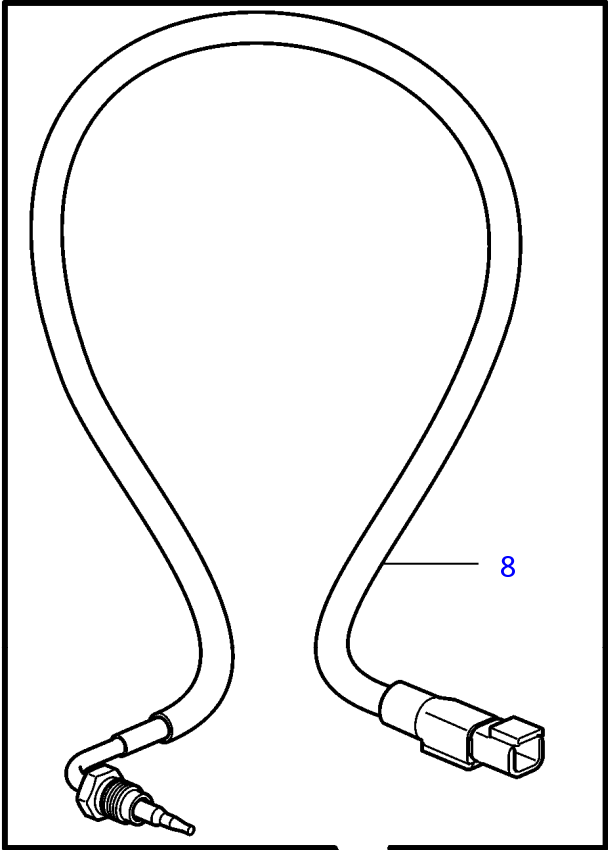


29130

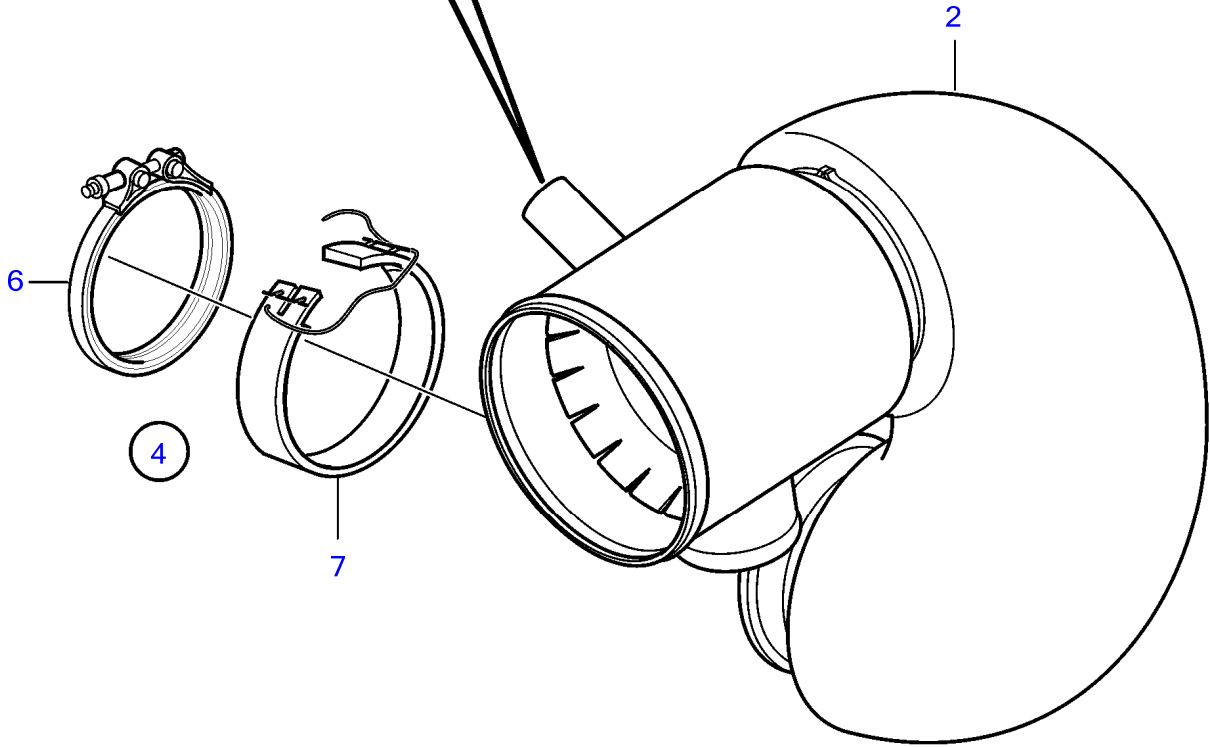
D4-180I-F, D4-225I-F, D4-260I-F, D4-300I-F

47704400-25-37190	29130	Upd:2/21/2017
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D4-180I-F, D4-225I-F, D4-260I-F, D4-300I-F



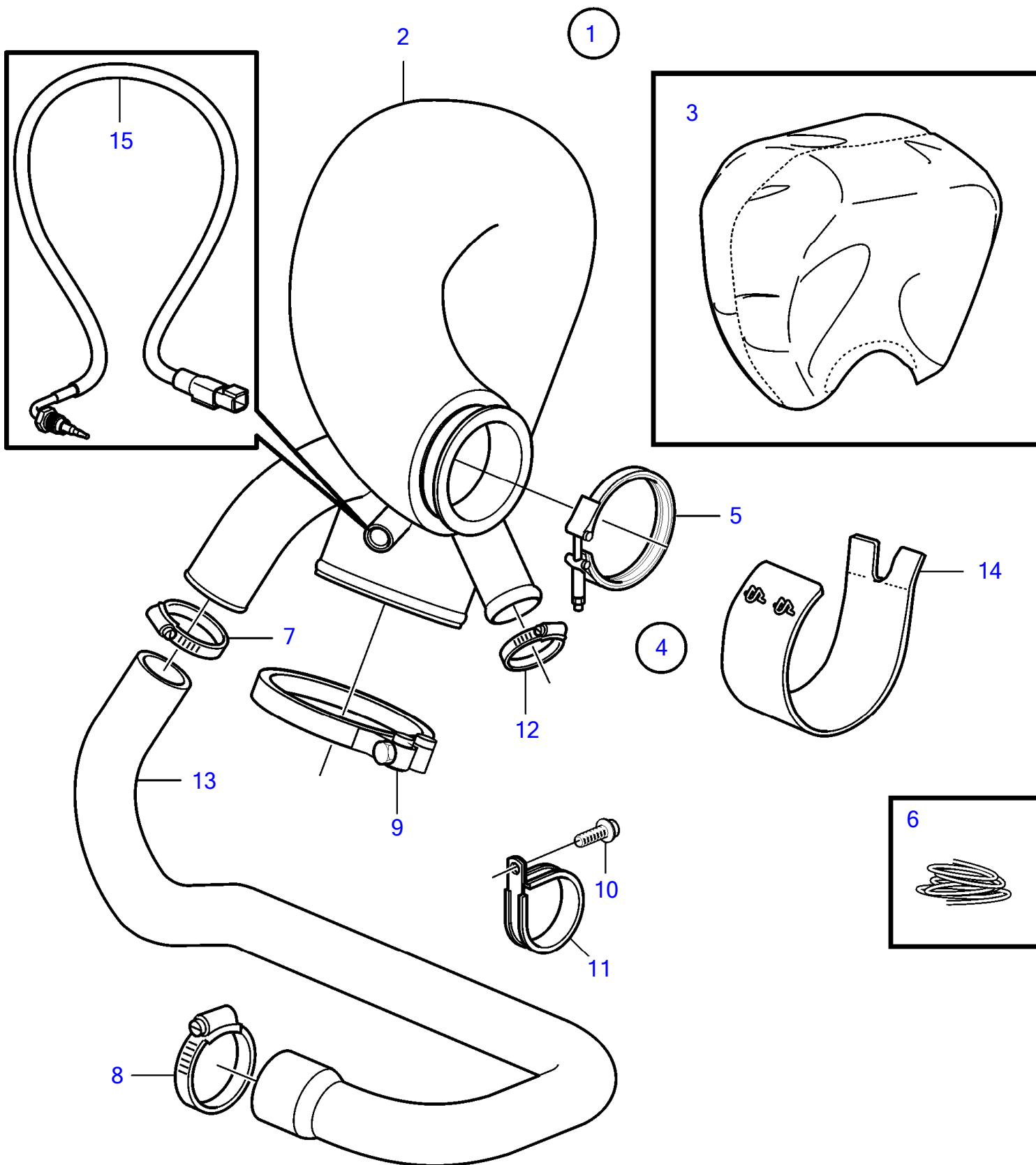
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D4-180I-F, D4-225I-F, D4-260I-F, D4-300I-F

Upd:2/21/2017

D4-225A-F, D4-260A-F, D4-300A-F

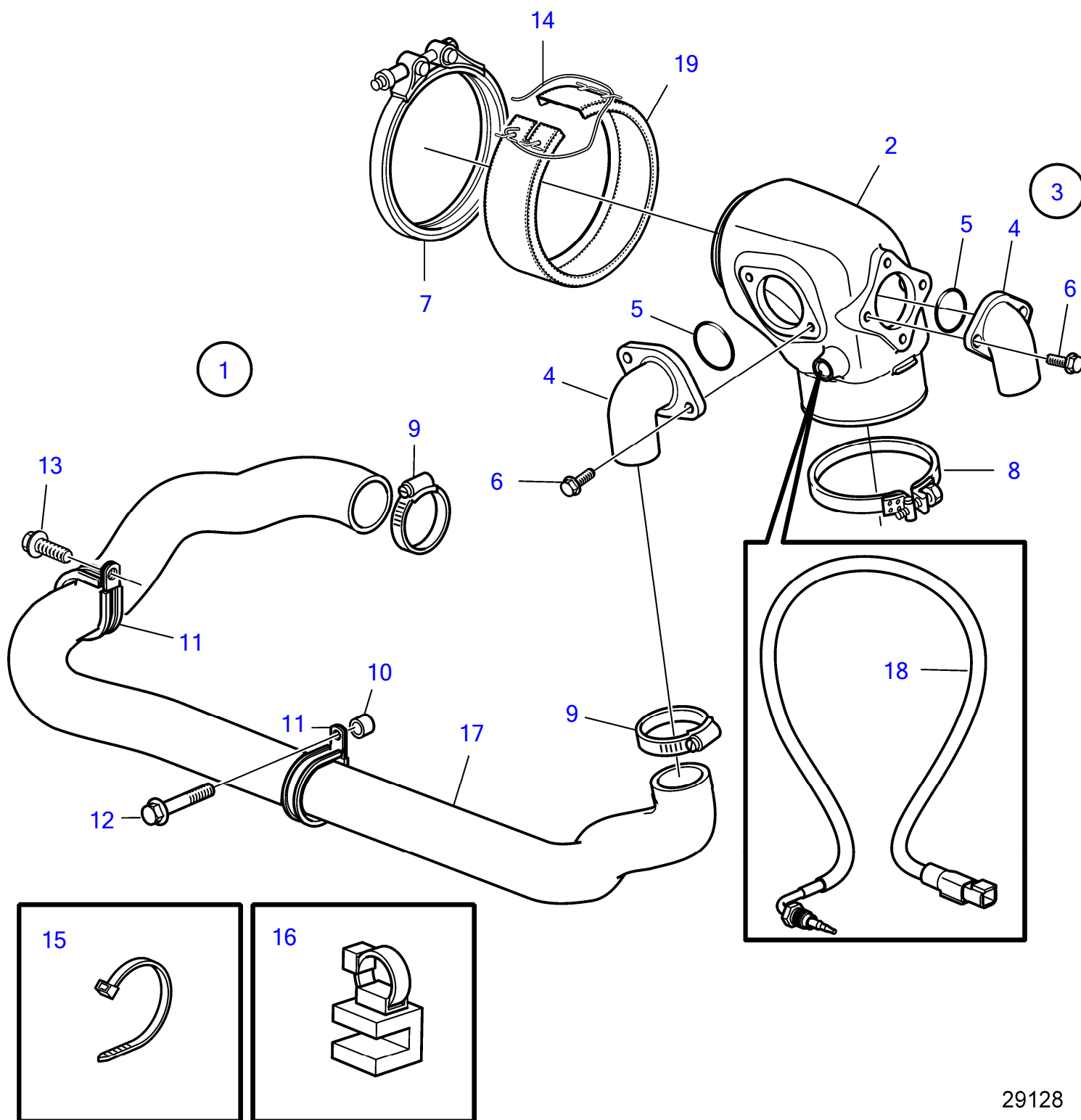


26310

D4-225A-F, D4-260A-F, D4-300A-F

47704400-25-37195	26310	Upd:2/21/2017
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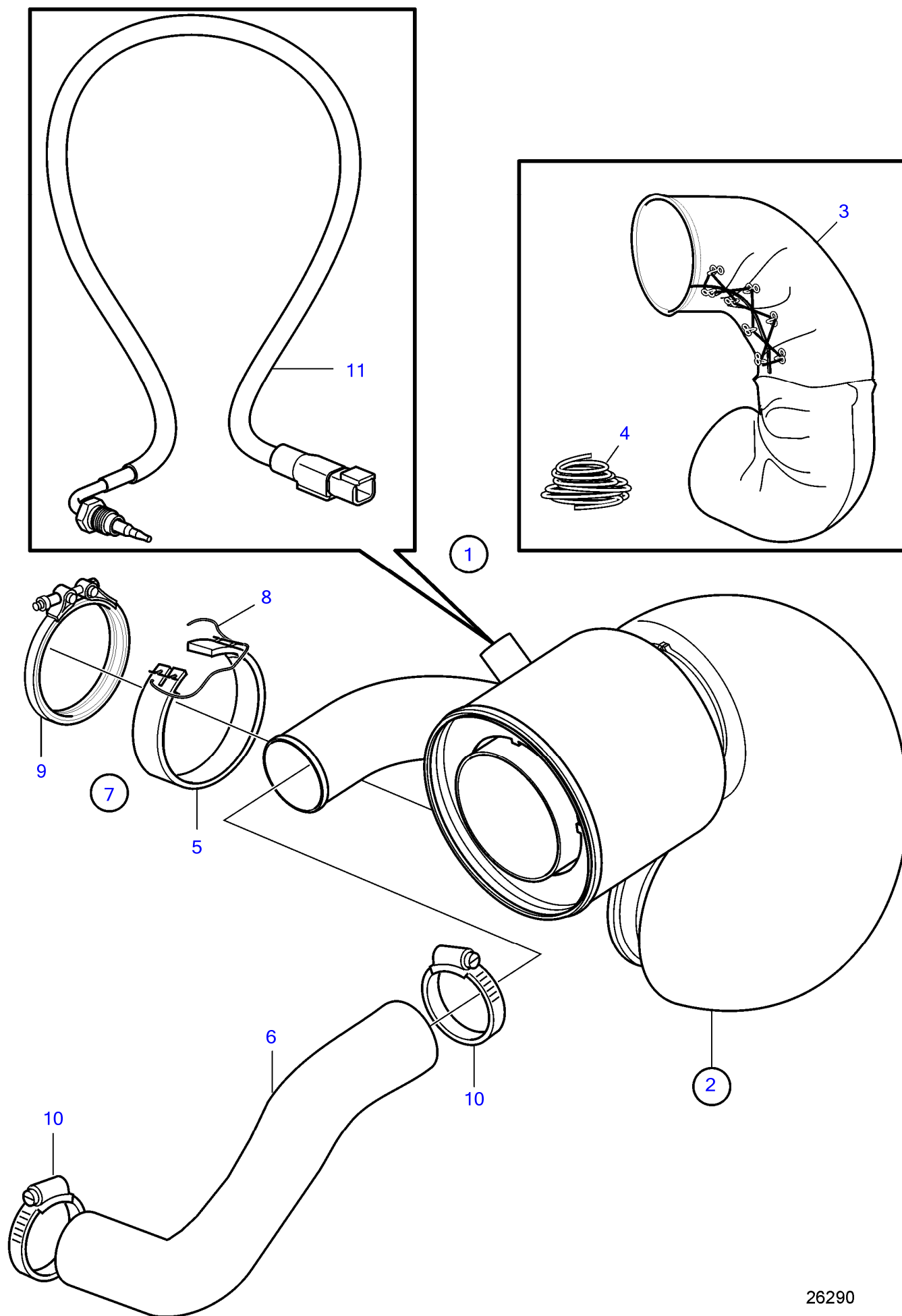
D4-225A-F, D4-260A-F, D4-300A-F



29128

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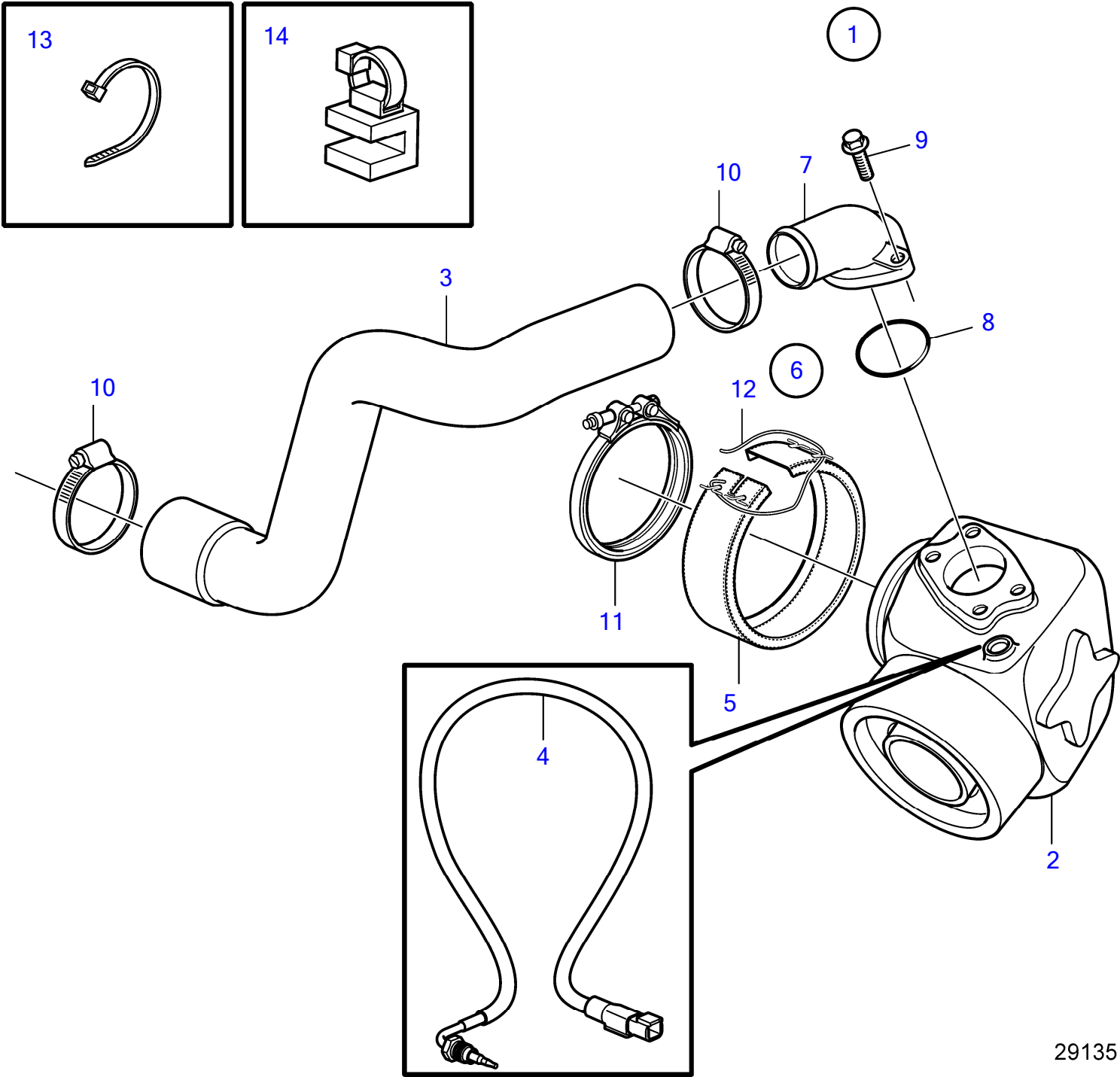
D4-260D-F, D4-300D-F



26290

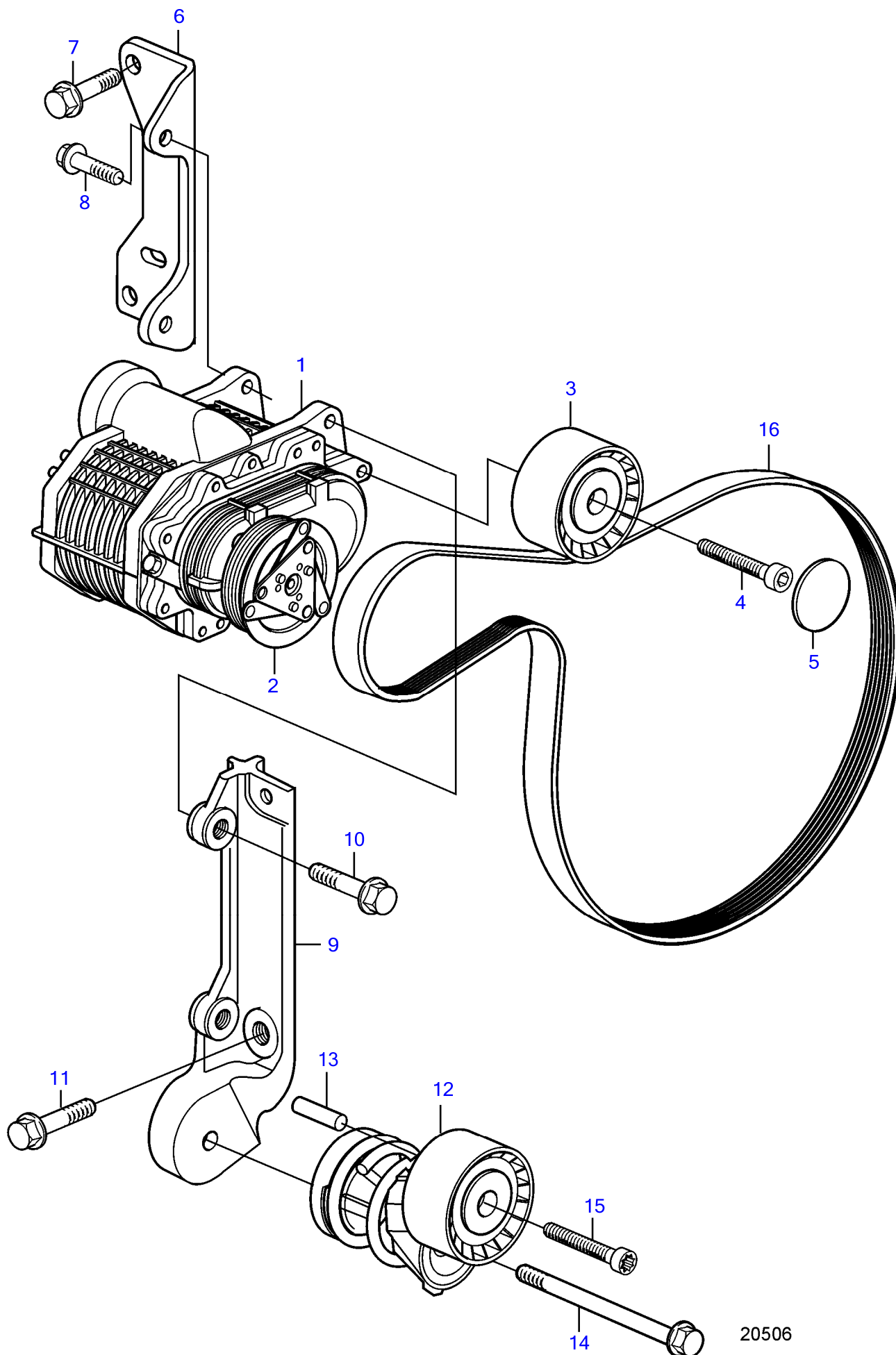
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D4-260D-F, D4-300D-F



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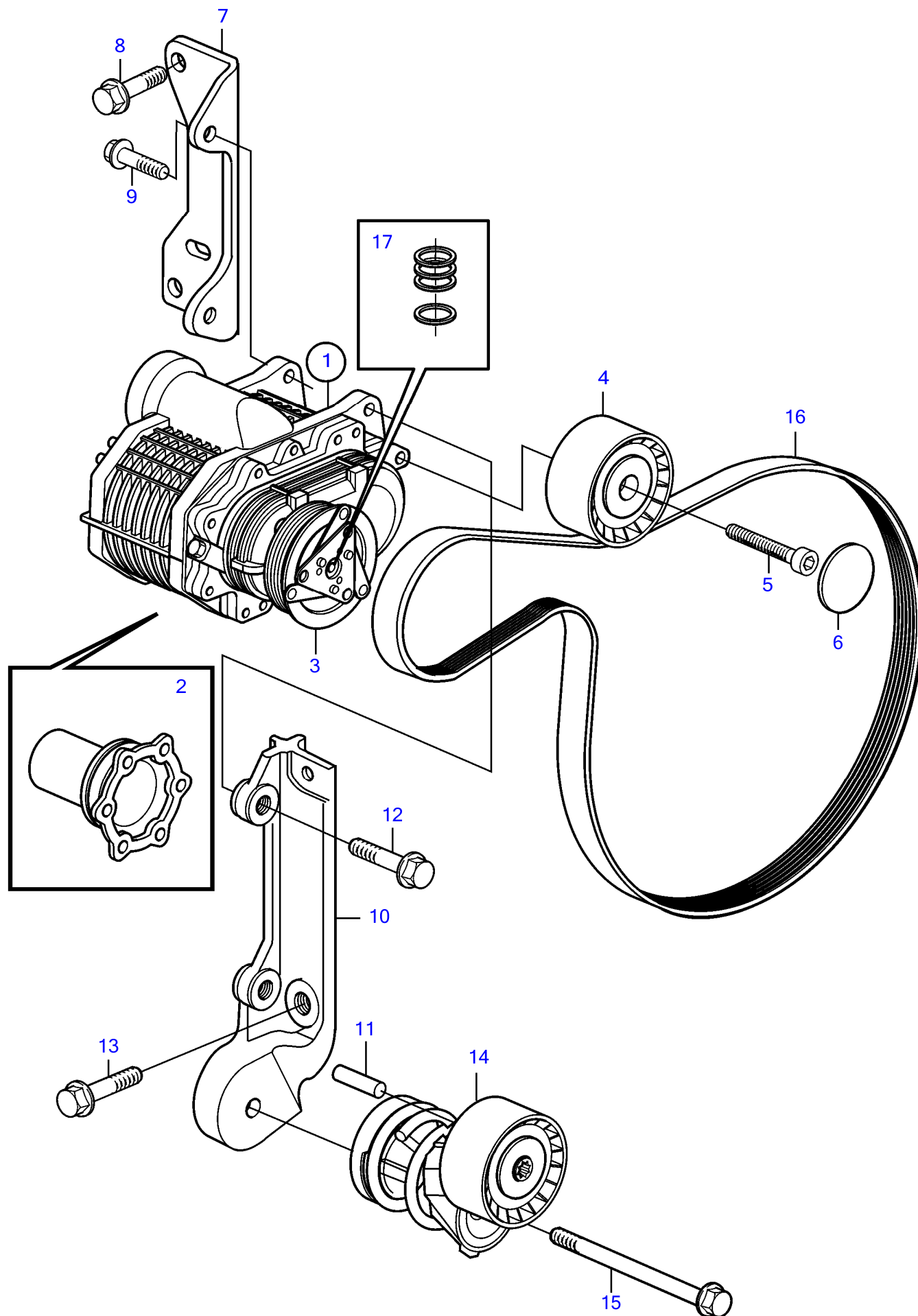
D4-260A-F, D4-260D-F



20506

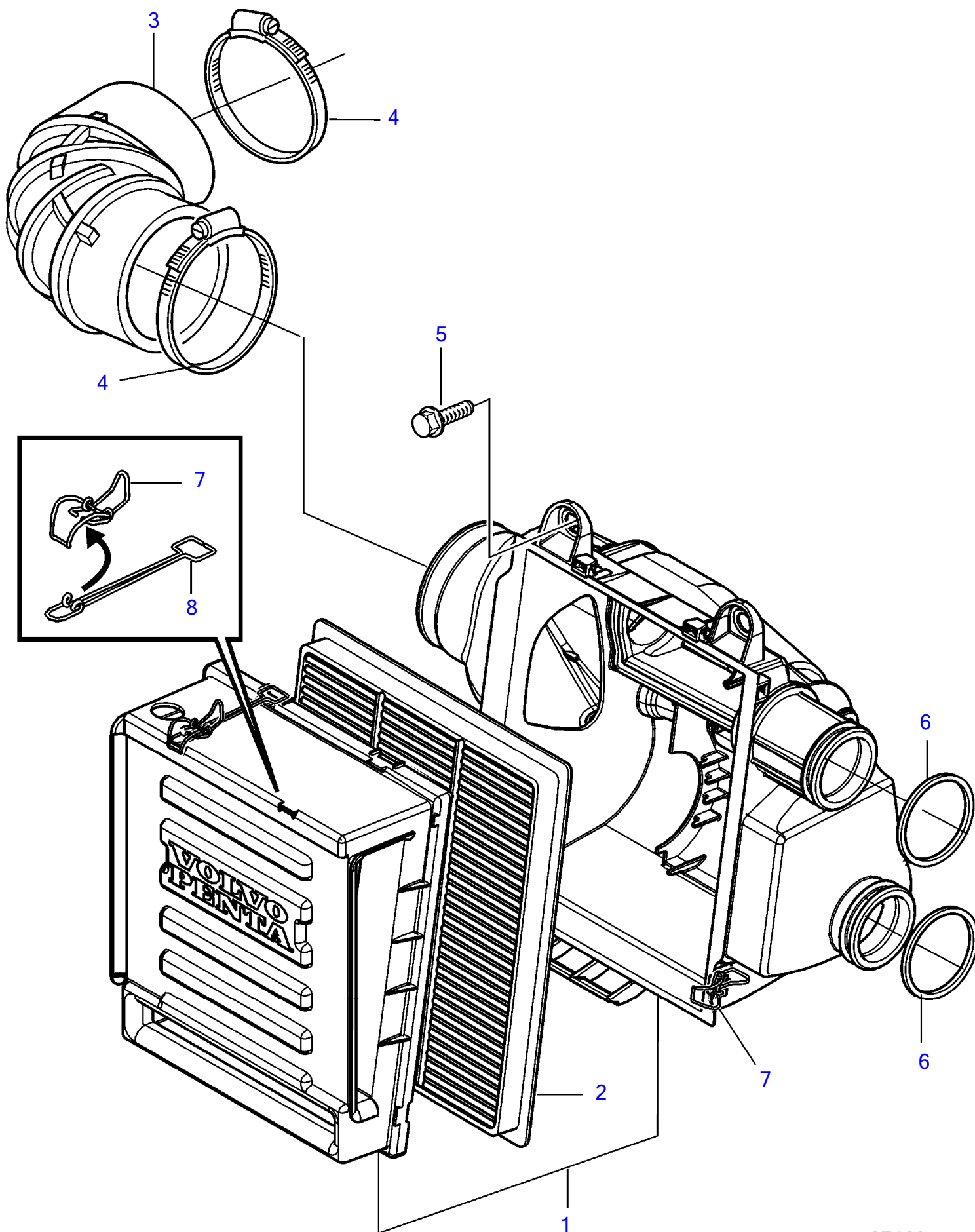
REF	PART NO.	QTY	DESCRIPTION	NOTES
1	889979	1	Supercharger	
	3803850	1	Compressor, exch, exch	
2	3581724	1	Solenoid clutch	12V, Shims are included
3	3847482	1	Idler pulley	
4	959224	1	Hex. socket screw	
5		1	Protecting cover	
6	3582971	1	Bracket	
7	946472	2	Flange screw	
8	946329	2	Flange screw	
9	3588069	1	Bracket	
10	965186	2	Flange screw	
11	946472	2	Flange screw	
12	21678750	1	Belt tensioner	
13	950542	1	Pin	
14	947790	1	Flange screw	
15		1	Allen head screw	
16	21407026	1	Belt	

D4-300A-F, D4-300D-F



REF	PART NO.	QTY	DESCRIPTION	NOTES
1	3885327	1	Supercharger	
	3801174	1	Compressor, exch, exch	
2	3581723	1	• Spindle	
3	21325455	1	Clutch	12V
4	3847482	1	Idler pulley	
5	959224	1	Hex. socket screw	
6		1	Protecting cover	
7	3582971	1	Bracket	
8	946472	2	Flange screw	
9	946329	2	Flange screw	
10	3588069	1	Bracket	
11	950542	1	• Pin	
12	965186	2	Flange screw	
13	946472	2	Flange screw	
14	21678750	1	Belt tensioner	
15	947790	1	Flange screw	
16	21405493	1	Belt	
17	22223315	1	Shim	

D4-225A-F, D4-260A-F, D4-260D-F, D4-300A-F, D4-300D-F

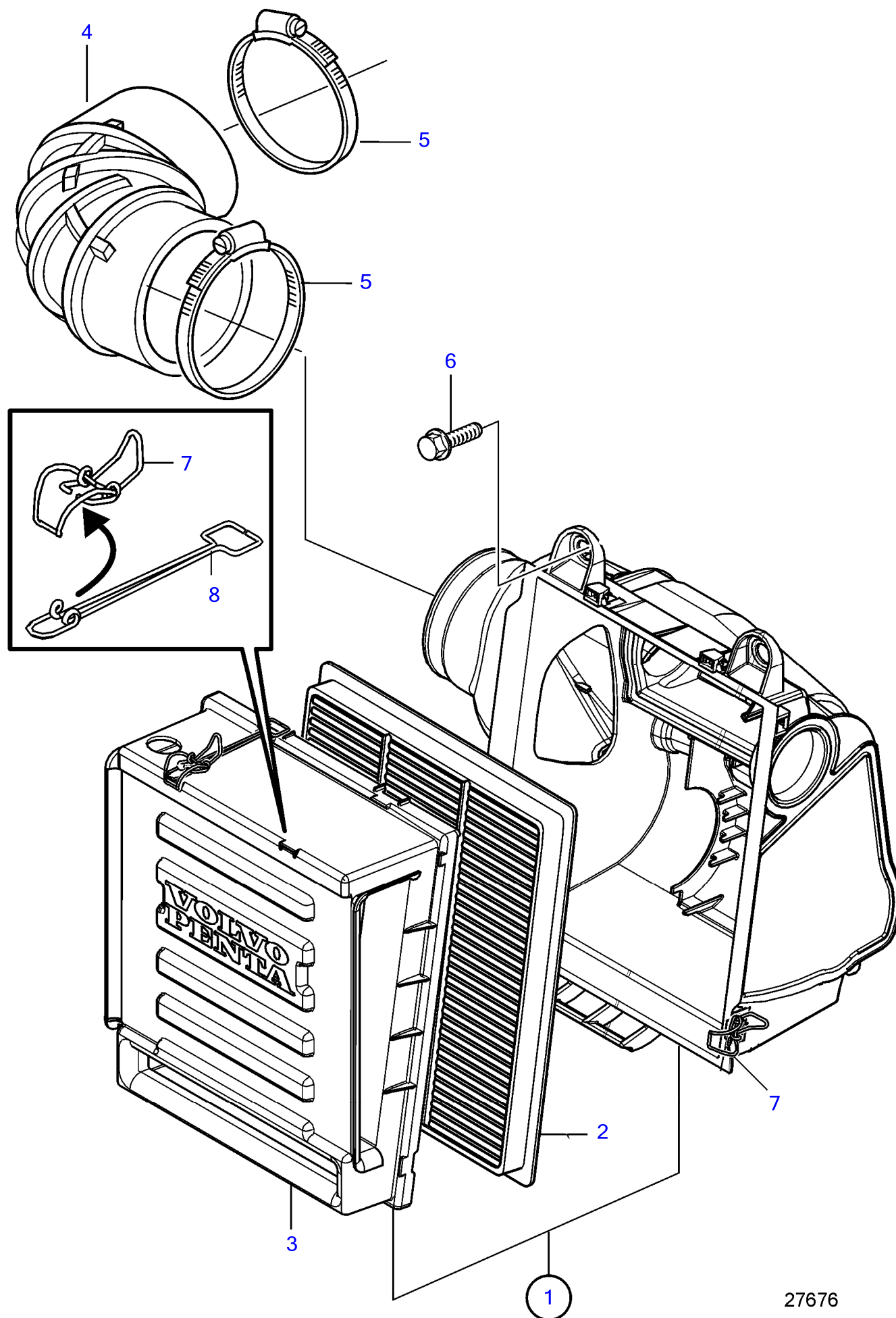


27488

D4-225A-F, D4-260A-F, D4-260D-F, D4-300A-F, D4-300D-F

Upd:2/21/2017

D4-180I-F, D4-225I-F, D4-260D-F, D4-300I-F

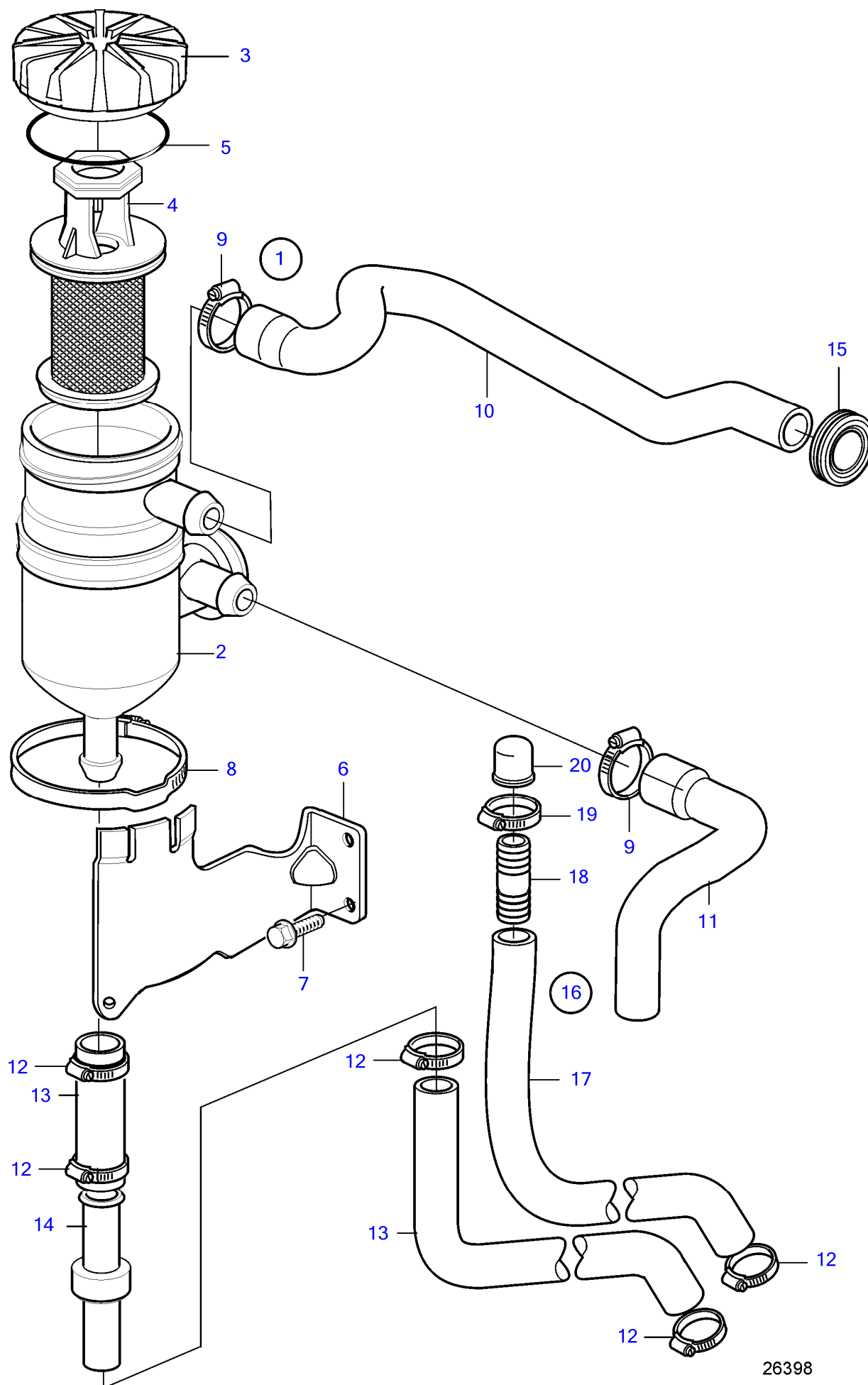


27676

D4-180I-F, D4-225I-F, D4-260D-F, D4-300I-F

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D4-180I-F, D4-225A-F, D4-225I-F, D4-260A-F, D4-260D-F, D4-260I-F, D4-300A-F, D4-300D-F, D4-300I-F

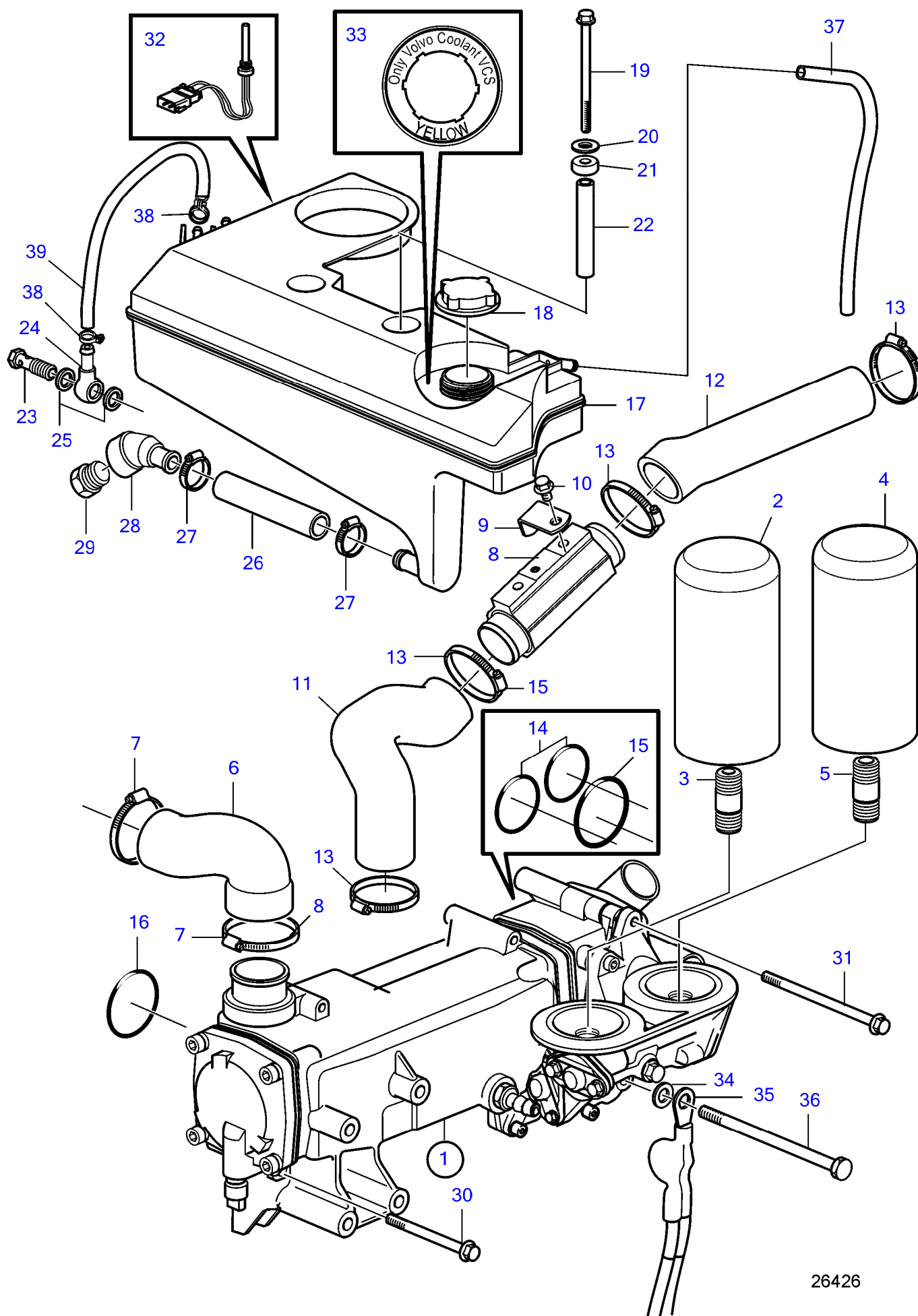


26398

D4-180I-F, D4-225A-F, D4-225I-F, D4-260A-F, D4-260D-F, D4-260I-F, D4-300A-F, D4-300D-F, D4-300I-F

REF	PART NO.	QTY	DESCRIPTION
1	3584144	1	Filter
2		1	▪ Reservoir
3		1	▪ Lock
4	3584145	1	▪ Insert
5	3584461	1	▪ ▪ O-ring
6	21660058	1	Bracket
7	946440	2	Flange screw
8	3586117	1	Hose clamp
9	994559	2	Hose clamp
10	21677715	1	Hose
11	21675637	1	Hose
12	961664	5	Hose clamp
13	3885542	1	Hose
14	3887102	1	Check valve
15	984951	1	Grommet
16	3849236	1	Hose assembly
17	3885542	1	▪ Hose
18	991127	1	▪ Hose nipple
19	978174	1	▪ Hose clamp
20	842235	1	▪ Cardboard tube

D4-180I-F, D4-225A-F, D4-225I-F, D4-260A-F, D4-260D-F, D4-260I-F, D4-300A-F, D4-300D-F, D4-300I-F

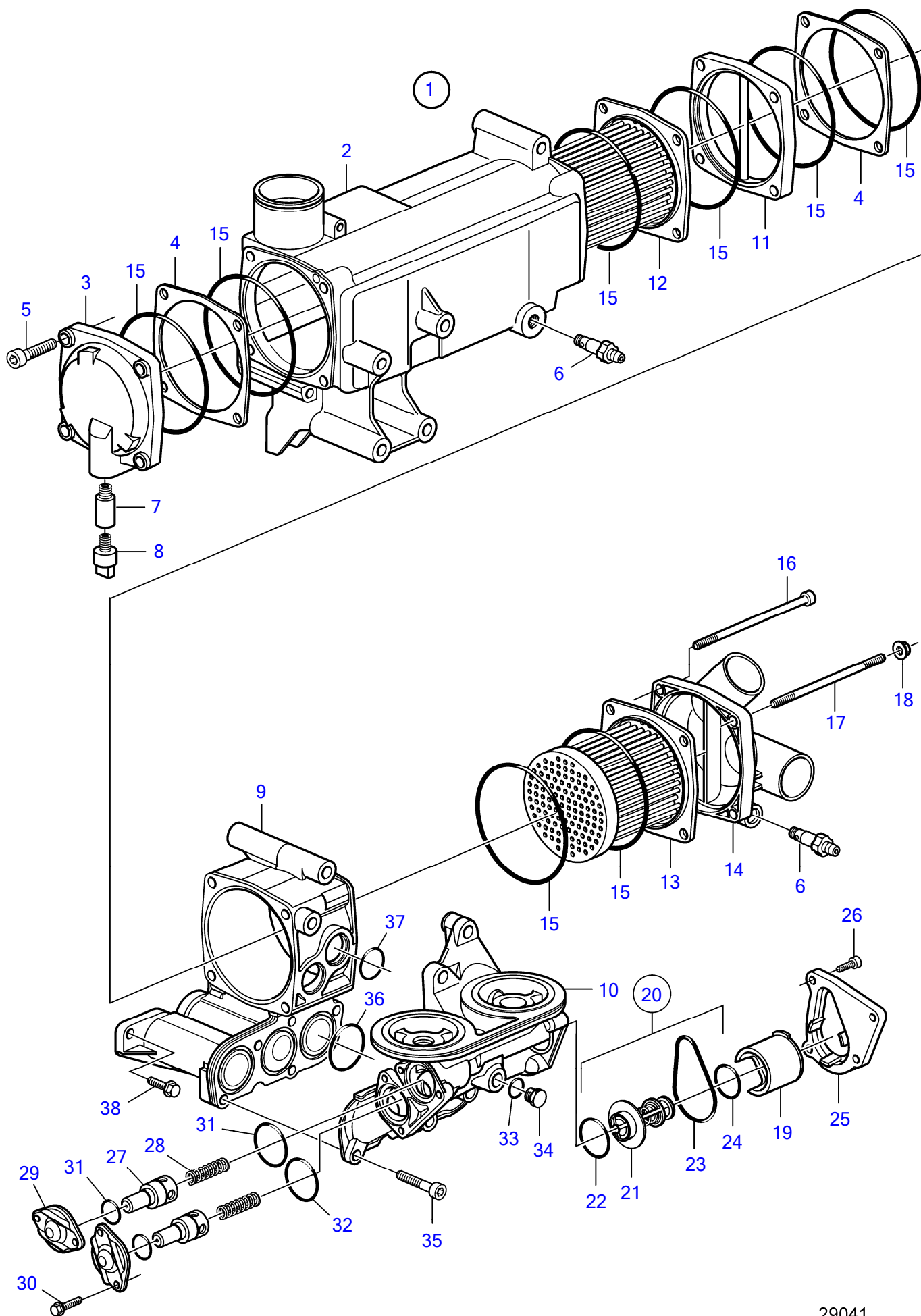


26426

D4-180I-F, D4-225A-F, D4-225I-F, D4-260A-F, D4-260D-F, D4-260I-F, D4-300A-F, D4-300D-F, D4-300I-F

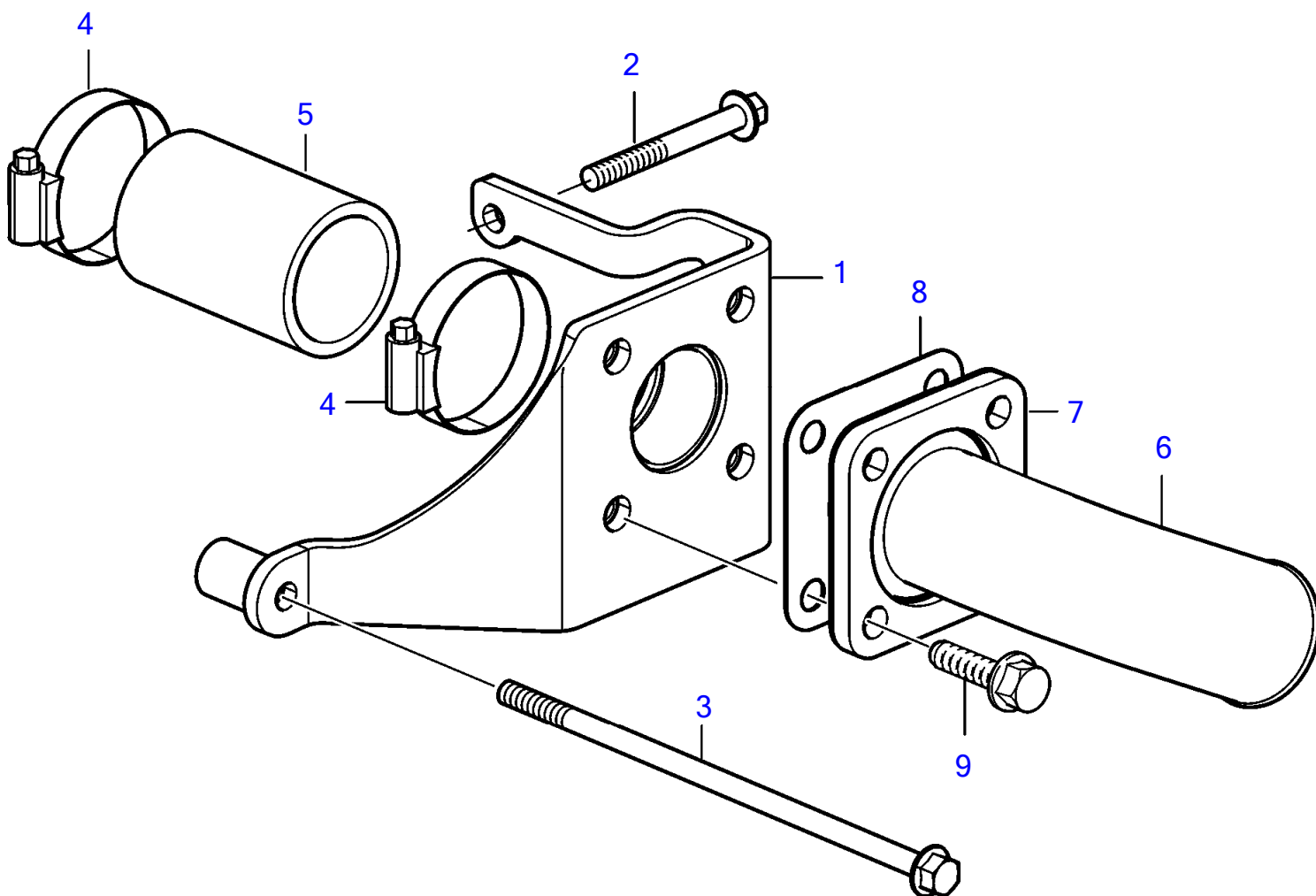
REF	PART NO.	QTY	DESCRIPTION	SEE SEC.	NOTES
1	40005711	1	Heat exchanger		Replaced by 22369738
			•	35207	
	22369738	1	Heat exchanger		
			•	35207	
	22866542	1	Heat exchanger		SN-A407905
	22437222	1	Heat exchanger		SNA407906-
2	21632901	1	Oil filter		By pass
3	423067	1	Nipple		
4	3582732	1	Oil filter		Full flow.
5	3583695	1	Nipple		
6	3808093	1	Hose		
7	60111132	2	Hose clamp		
8	40005787	1	Fuel cooler		
9	21107541	1	Bracket		
10	946025	1	Flange screw		
11	21368514	1	Hose		
12	3583011	1	Hose		
13	994564	4	Hose clamp		
14	949722	2	O-ring		
15	976041	1	O-ring		
16	969415	1	O-ring		
17	21140007	1	Expansion tank		
18	1674083	1	Pressure cap		
19	965184	2	Flange screw		L=100mm
20	976944	2	Washer		
21	3285120	2	Spacer sleeve		
22	3583863	2	Spacer sleeve		
23	969299	1	Hollow screw		
24	858750	1	Banjo nipple		
25	11994	2	Gasket		
26	952969	1	Hose		
27	994557	2	Hose clamp		
28	3808586	1	T-nipple		
29	479956	1	Plug		
30	965184	4	Flange screw		
31	968893	1	Flange screw		
32	3547710	1	Level guard		
33	21506995	1	Label		
34	955894	1	Washer		
35	21923306	1	Wiring harness kit	37264	
36	980103	1	Hexagon screw		
37	942754	1	Hose		
38	975270	2	Hose clamp		
39	942700	X	Hose		

D4-180I-F, D4-225A-F, D4-225I-F, D4-260A-F, D4-260D-F, D4-260I-F, D4-300A-F, D4-300D-F, D4-300I-F



REF	PART NO.	QTY	DESCRIPTION	NOTES
1	40005711	1	Heat exchanger	Replaced by 22369738
	22369738	1	Heat exchanger	Replaced
	22866542		Heat exchanger	SN-A407905
	22437222		Heat exchanger	SNA407906-
2	(3812561)	1	• Housing	Obsolete part
			• Housing	SN-A407905
			• Housing	SNA407906-
3	3583641	1	• End cover	SN-A407905
	22441904		• End cover	SNA407906-
4	3583646	2	• Spacer	SN-A407905
			• Spacer	SNA407906-
5	959223	4	• Hex. socket screw	
6	3583822	2	• Draining nipple	
7	838929	1	• Anode	SN-A407905
8	838928	1	• Plug	
9	40005783	1	• Housing	(3583643)
10	3584419	1	• Housing	
11	3583642	1	• Spacer	
12	3583644	1	• Tube	
13	40005784	1	• Tube	(40005780)
14	22369744	1	• End cover	
15	3583647	8	• O-ring	
16	21122819	2	• Hex. socket screw	
17	3583650	2	• Stud	
18	945408	2	• Flange nut	
19	3583829	1	• Retainer	
20	3588437	1	• Kit	
21	3583827	1	• • Thermostat	Including in kit 3588437
22	3583830	1	• • O-ring	
23	3583831	1	• • O-ring	
24	3583832	1	• • O-ring	
25	3583828	1	• Cover	
26	947542	4	• Flange screw	
27	21068158	2	• Reduction valve	(471706)
28	469332	2	• • Spring	
29	471648	2	• Cover	
30	947542	4	• Flange screw	
31	469846	2	• Sealing ring	
32	982193	2	• O-ring	
33	947282	1	• Gasket	
34	960629	1	• Plug	
35	959222	5	• Hex. socket screw	
36	866690	3	• O-ring	
37	3885174	2	• O-ring	
38	945444	3	Flange screw	

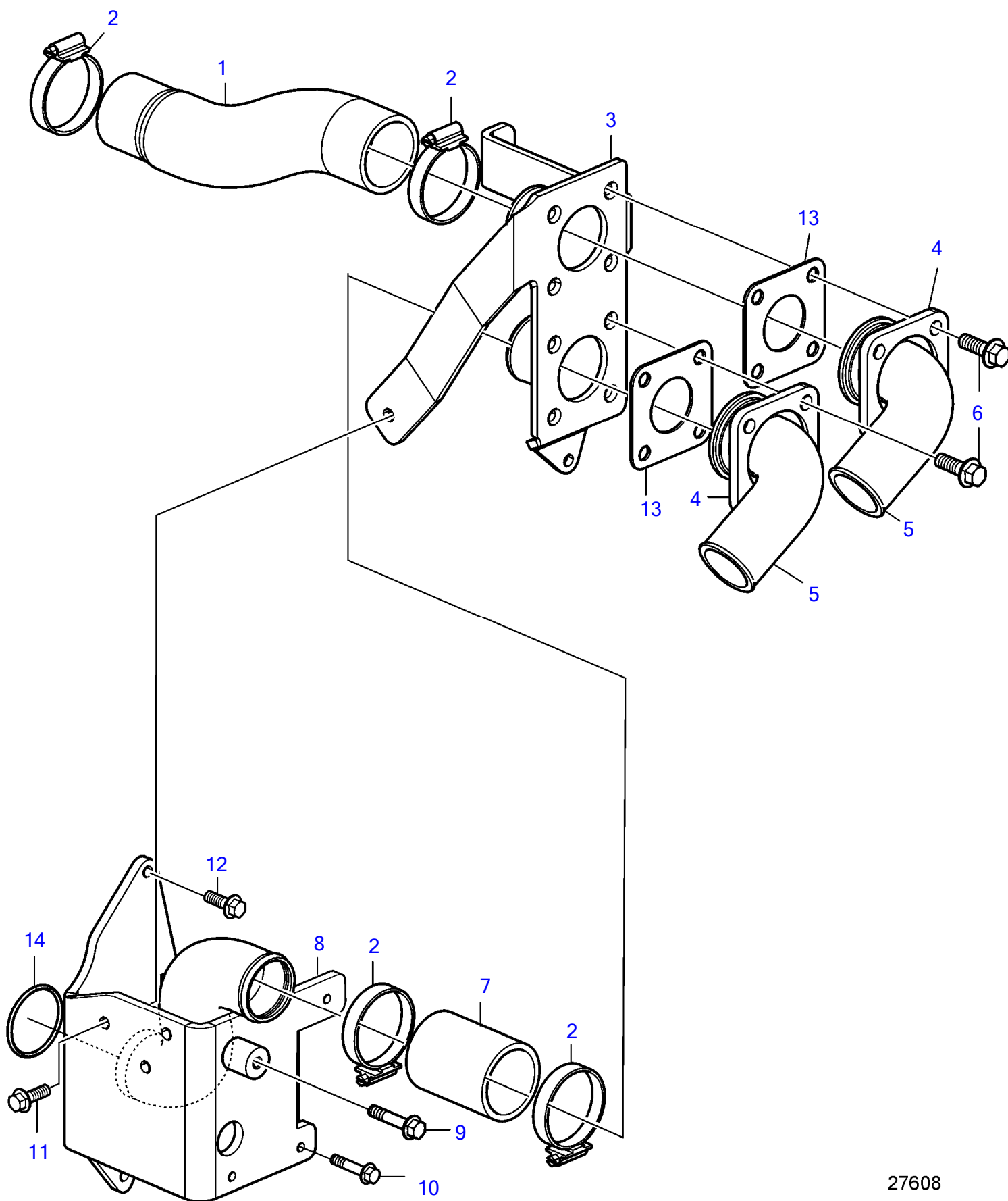
D4-180I-F, D4-225I-F, D4-260I-F, D4-300I-F



27607

[illegible]

D4-180I-F, D4-225I-F, D4-260I-F, D4-300I-F

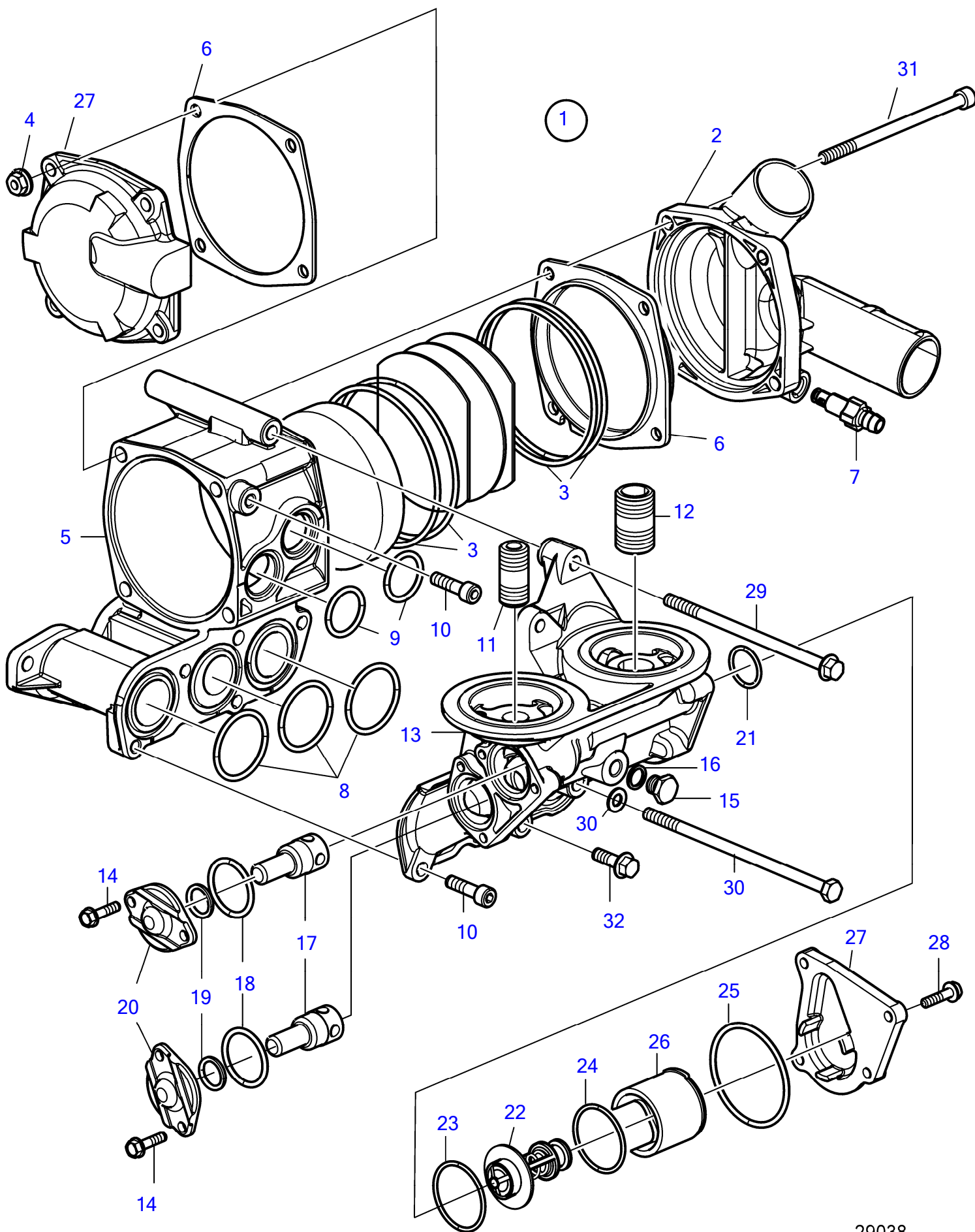


27608

D4-180I-F, D4-225I-F, D4-260I-F, D4-300I-F

REF	PART NO.	QTY	DESCRIPTION
1	22276765	1	Hose
2	60111132	4	Hose clamp
3	22276741	1	Bracket
4	842029	2	Flange
5	848596	2	Hose attachment
6	969445	8	Flange screw
7	992129	1	Rubber hose
8	22212804	1	Bracket
9	947760	1	Flange screw
10	946470	3	Flange screw
11	945444	1	Flange screw
12	945444	4	Flange screw
13	3888837	2	Gasket
14	969415	1	O-ring

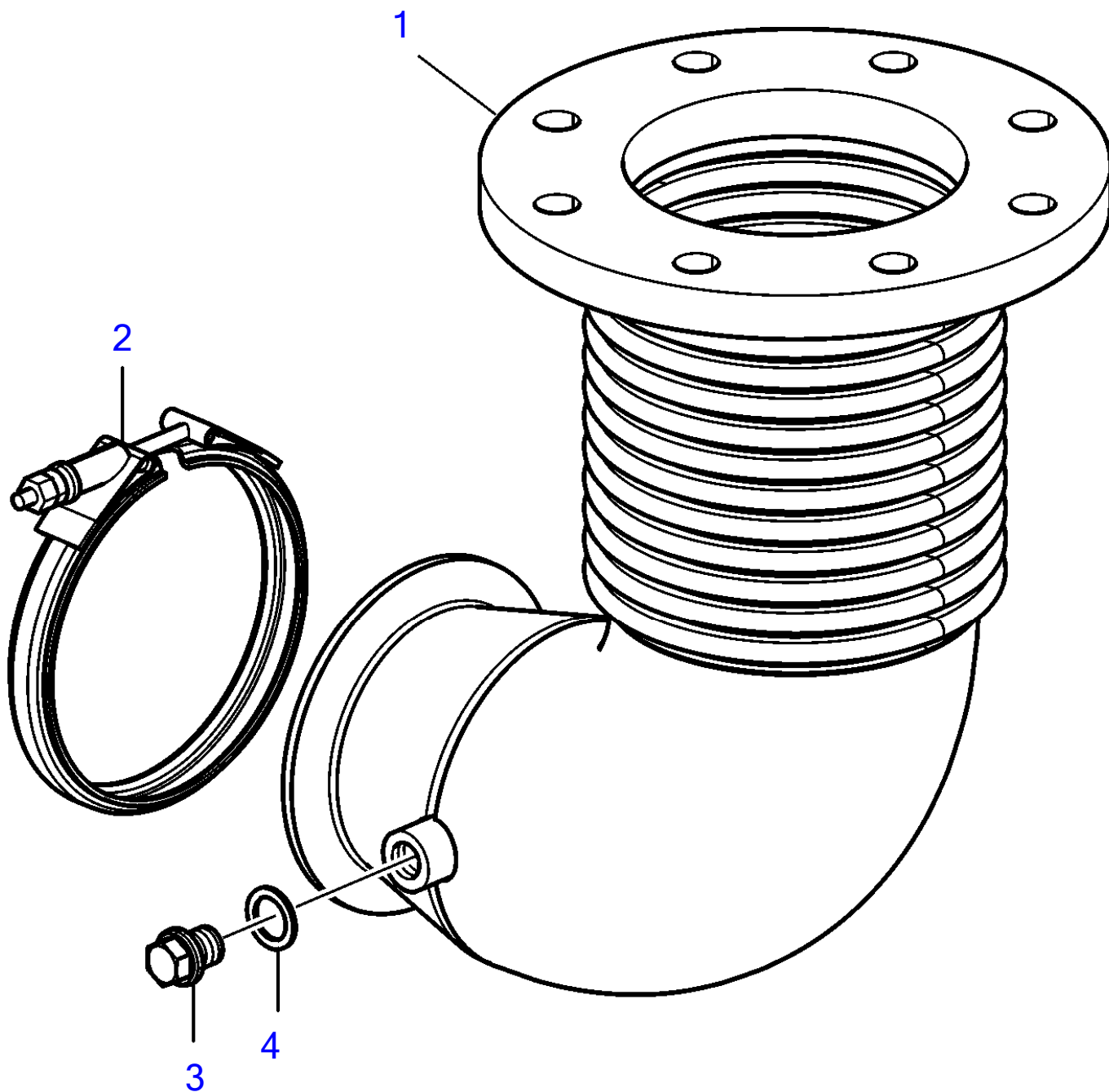
D4-180I-F, D4-225I-F, D4-260I-F, D4-300I-F



29038

REF	PART NO.	QTY	DESCRIPTION	NOTES
1	22212940	1	Oil cooler	
2	3595407	1	• End cover	
3	3583647	4	• O-ring	
4	945408	4	• Flange nut	
5		1	• Housing	
6	3583646	2	• Spacer	
7	3583822	1	• Draining nipple	
8	866690	3	• O-ring	
9	3885174	2	• O-ring	
10	959222	5	• Hex. socket screw	
11	423067	1	• Nipple	
12	3583695	1	• Nipple	
13	3584419	1	• Housing	
14	947542	8	• Flange screw	
15	960629	1	• Plug	
16	947282	1	• Gasket	
17	471706	2	• Reduction valve	
18	949659	2	• O-ring	
19	469846	2	• Sealing ring	
20	471648	2	• Cover	
21	3588437	1	• Kit	
22	3583827	1	• • Thermostat	Including in kit 3588437
23	3583830	1	• • O-ring	
24	3583831	1	• • O-ring	
25	3583832	1	• • O-ring	
26	3583829	1	• Retainer	
27	3583828	1	• Cover	
28			• Spacer	
29	968893	1	Flange screw	
30	955894	1	Washer	
31	980103	1	Hexagon screw	
32		1	Flange screw	

D4-180I-F, D4-225I-F, D4-260I-F, D4-300I-F

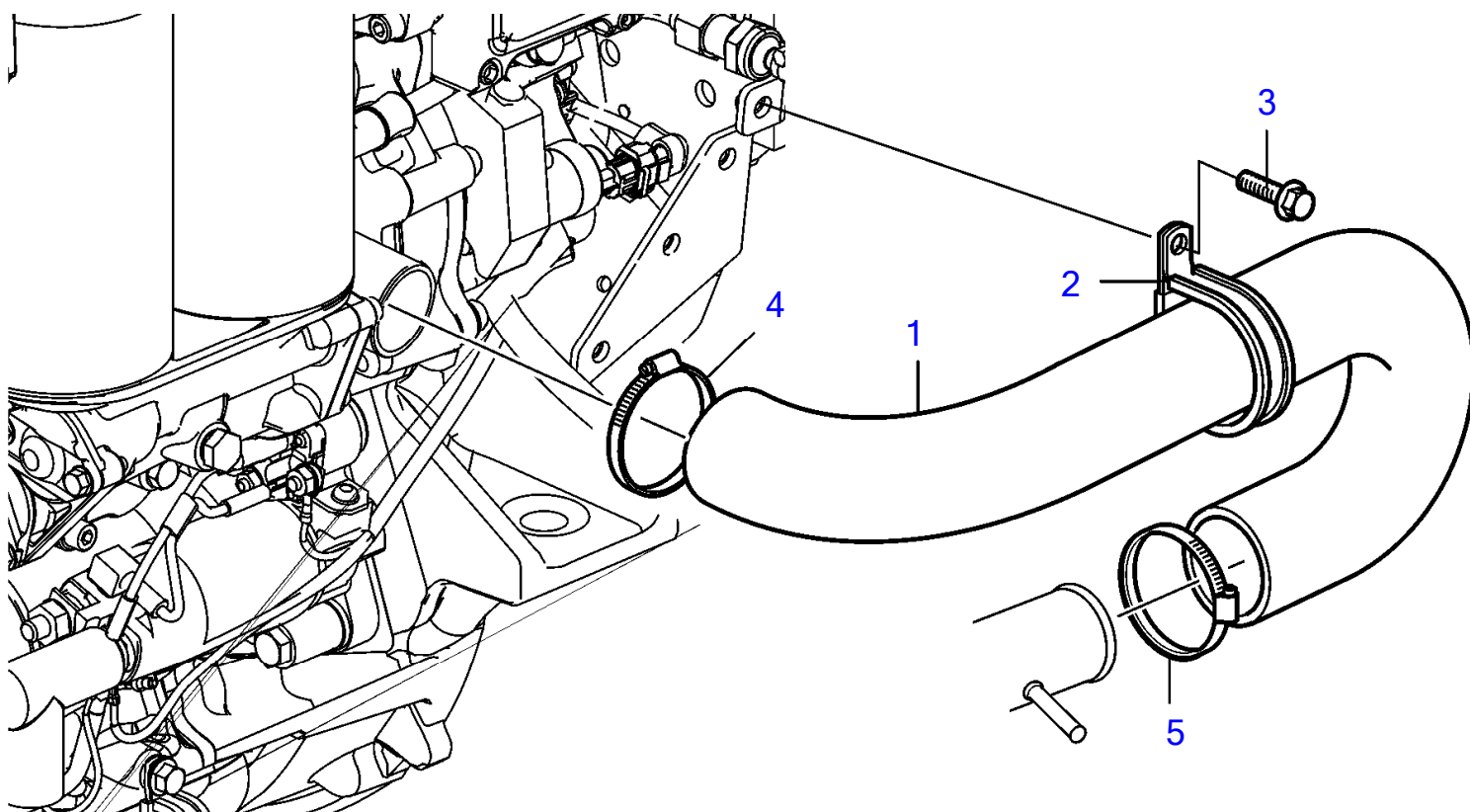


27611

D4-180I-F, D4-225I-F, D4-260I-F, D4-300I-F

REF	PART NO.	QTY	DESCRIPTION
1	22307939	1	Exhaust riser
2	21325765	1	V-clamp
3	20555025	1	Plug
4	969011	1	Gasket

D4-225A-F, D4-260A-F, D4-300A-F

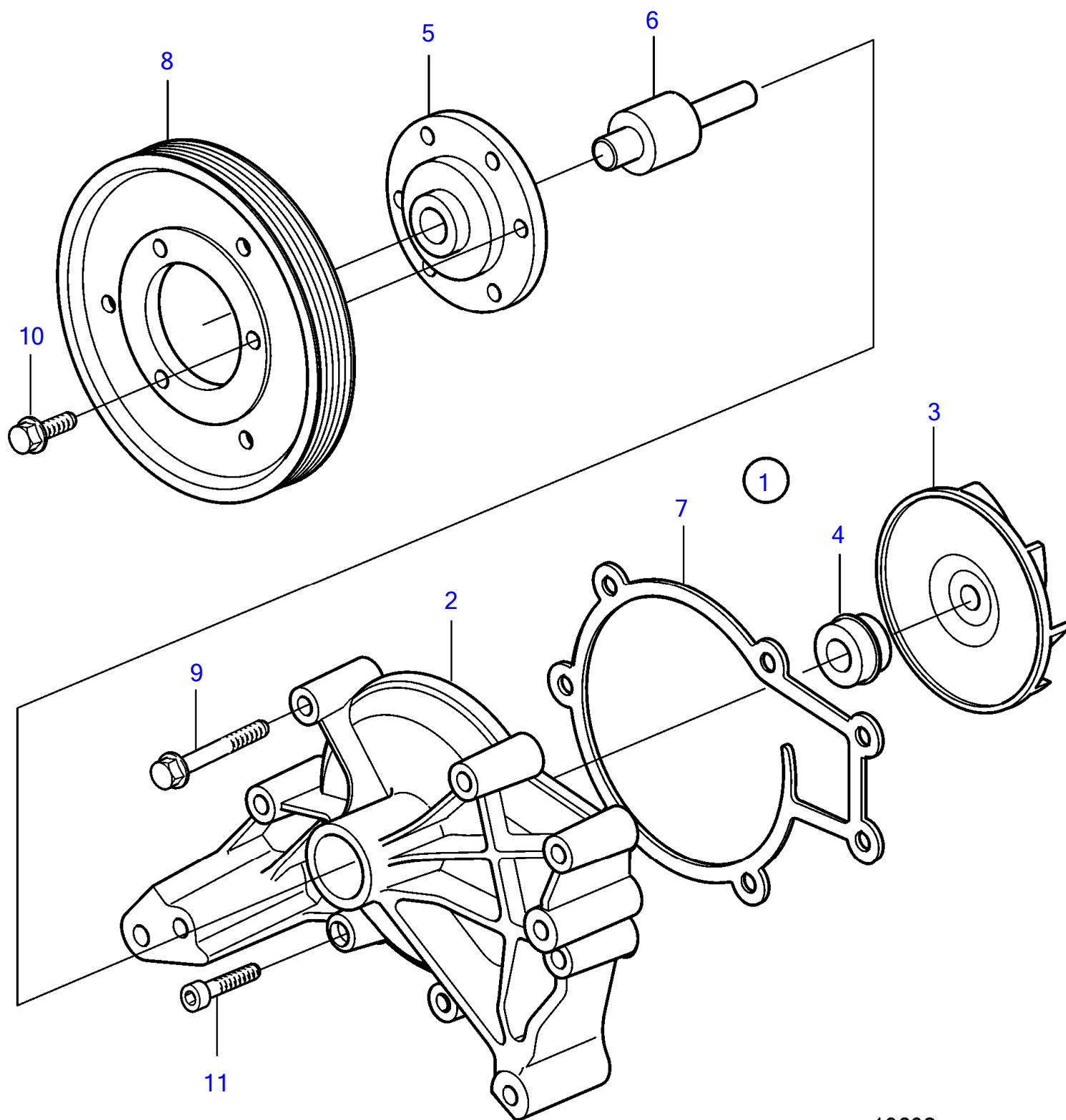


27610

D4-225A-F, D4-260A-F, D4-300A-F

REF	PART NO.	QTY	DESCRIPTION
1	22318366	1	Hose
2	969354	1	Clamp
3	984733	1	Flange screw
4	994564	1	Hose clamp
5	994563	1	Hose clamp

D4-180I-F, D4-225A-F, D4-225I-F, D4-260A-F, D4-260D-F, D4-260I-F, D4-300A-F, D4-300D-F, D4-300I-F

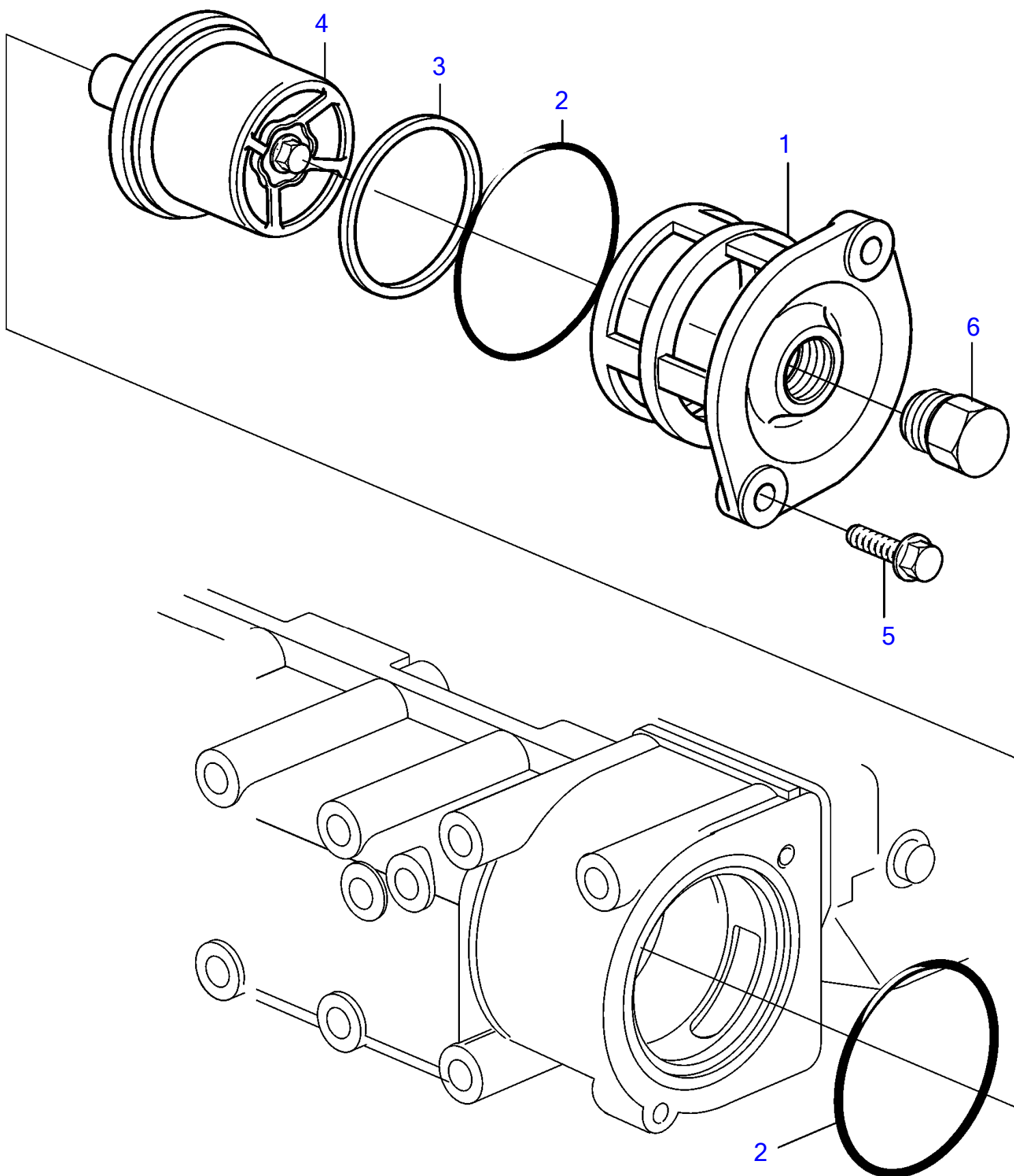


19832

D4-180I-F, D4-225A-F, D4-225I-F, D4-260A-F, D4-260D-F, D4-260I-F, D4-300A-F, D4-300D-F, D4-300I-F

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D4-180I-F, D4-225A-F, D4-225I-F, D4-260A-F, D4-260D-F, D4-260I-F, D4-300A-F, D4-300D-F, D4-300I-F

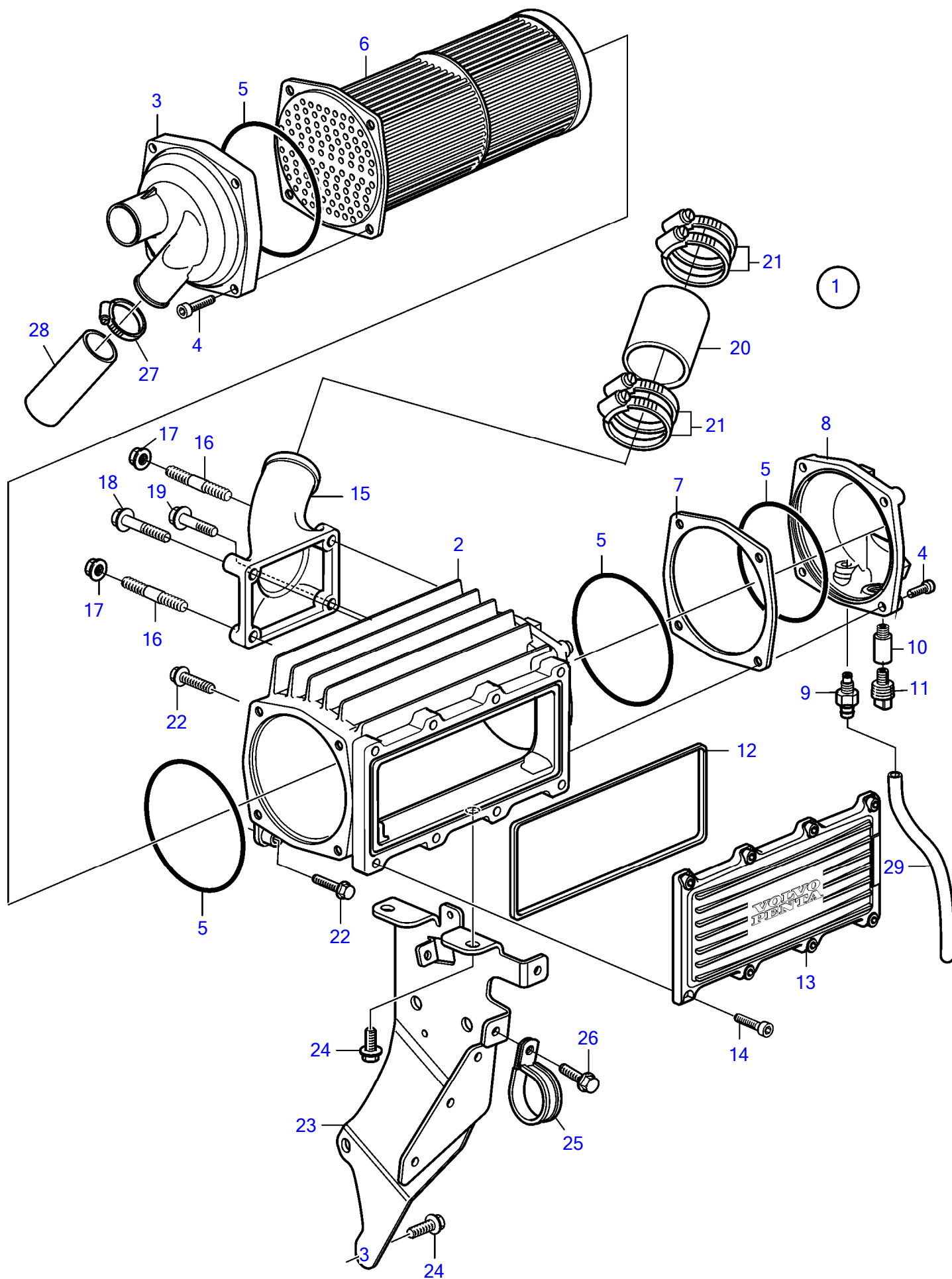


19953

D4-180I-F, D4-225A-F, D4-225I-F, D4-260A-F, D4-260D-F, D4-260I-F, D4-300A-F, D4-300D-F, D4-300I-F

Upd:2/21/2017

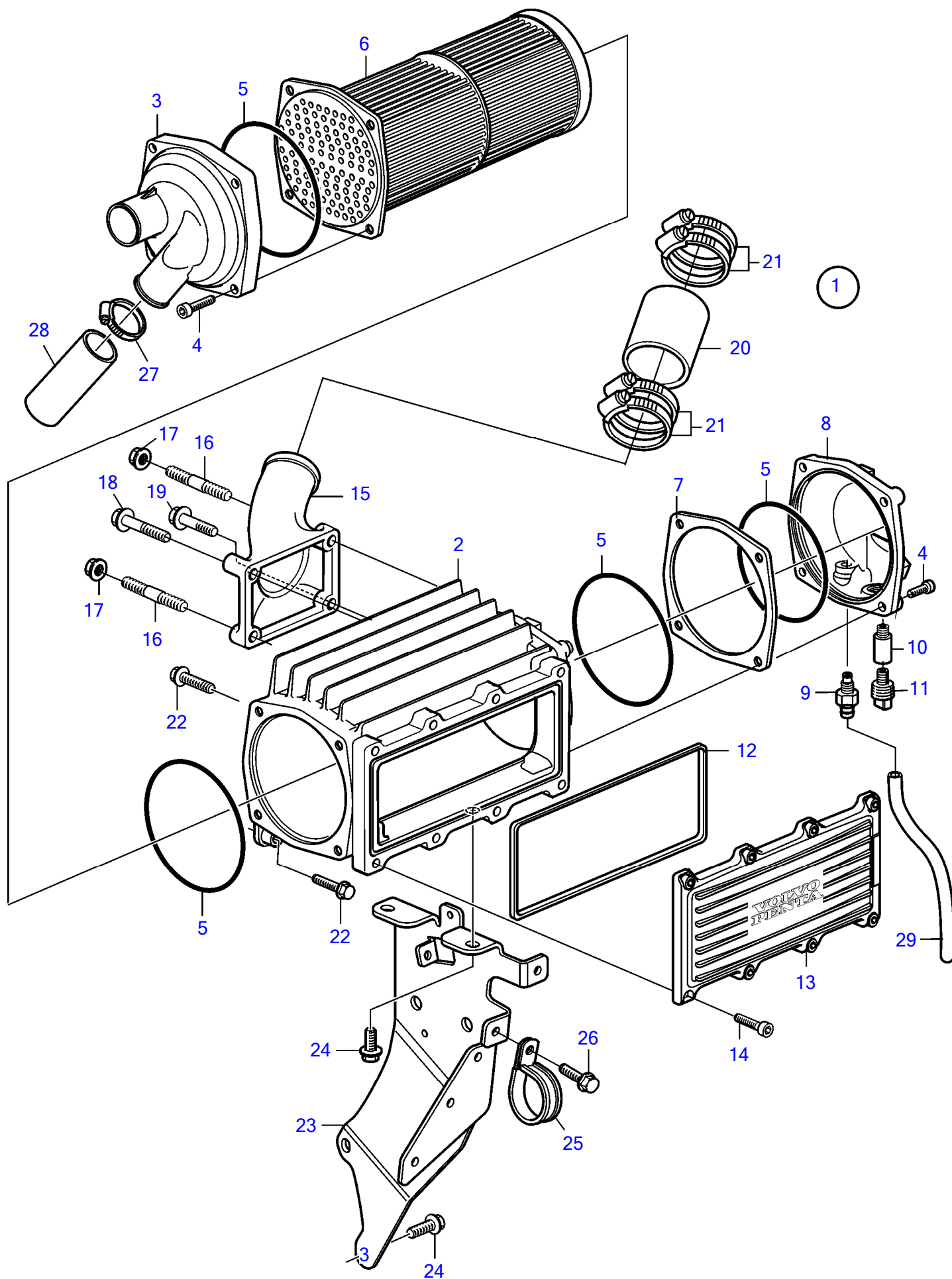
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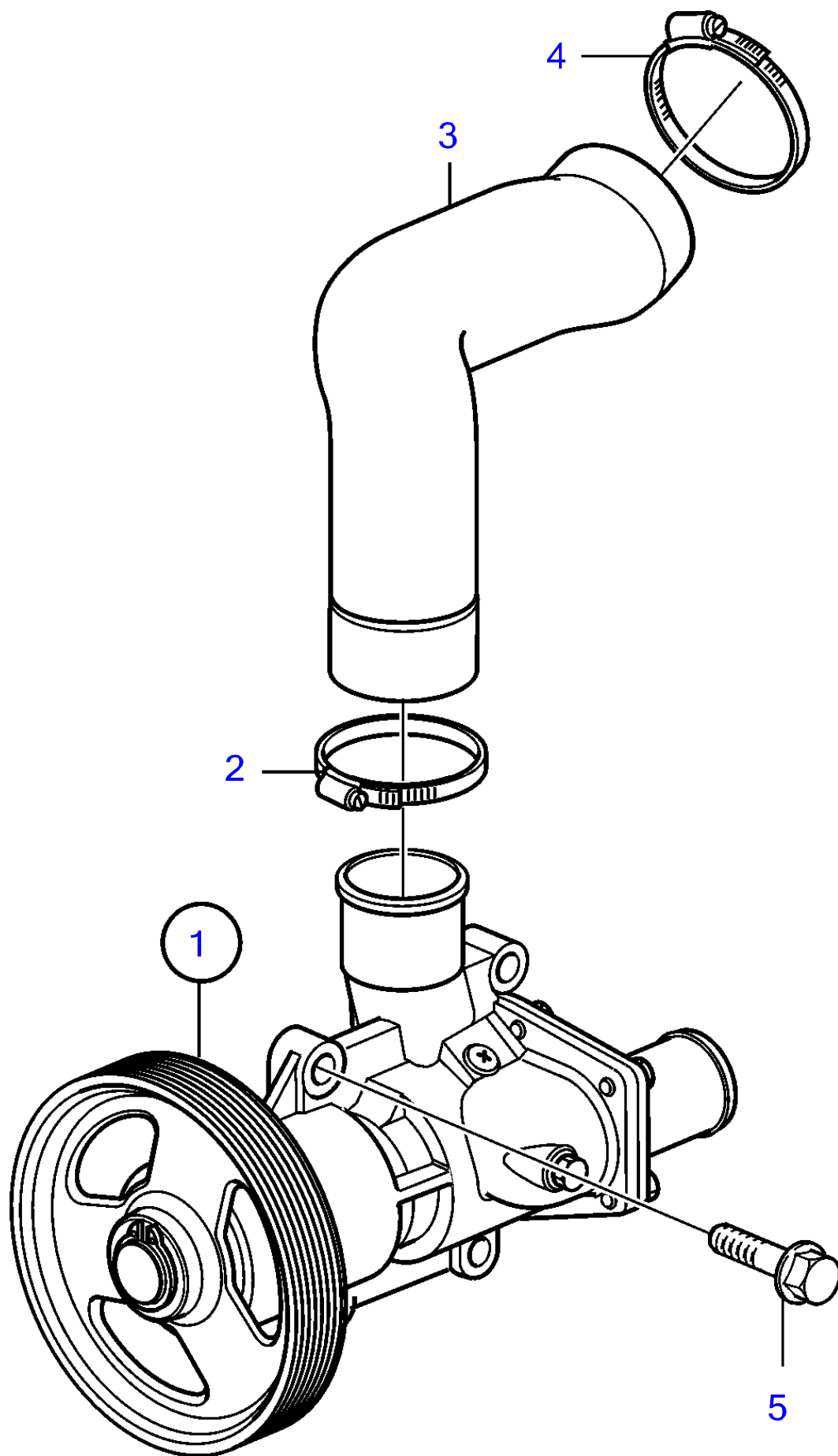
47704400-26-35004	26790	Upd:2/21/2017
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D4-300A-F, D4-300D-F, D4-300I-F



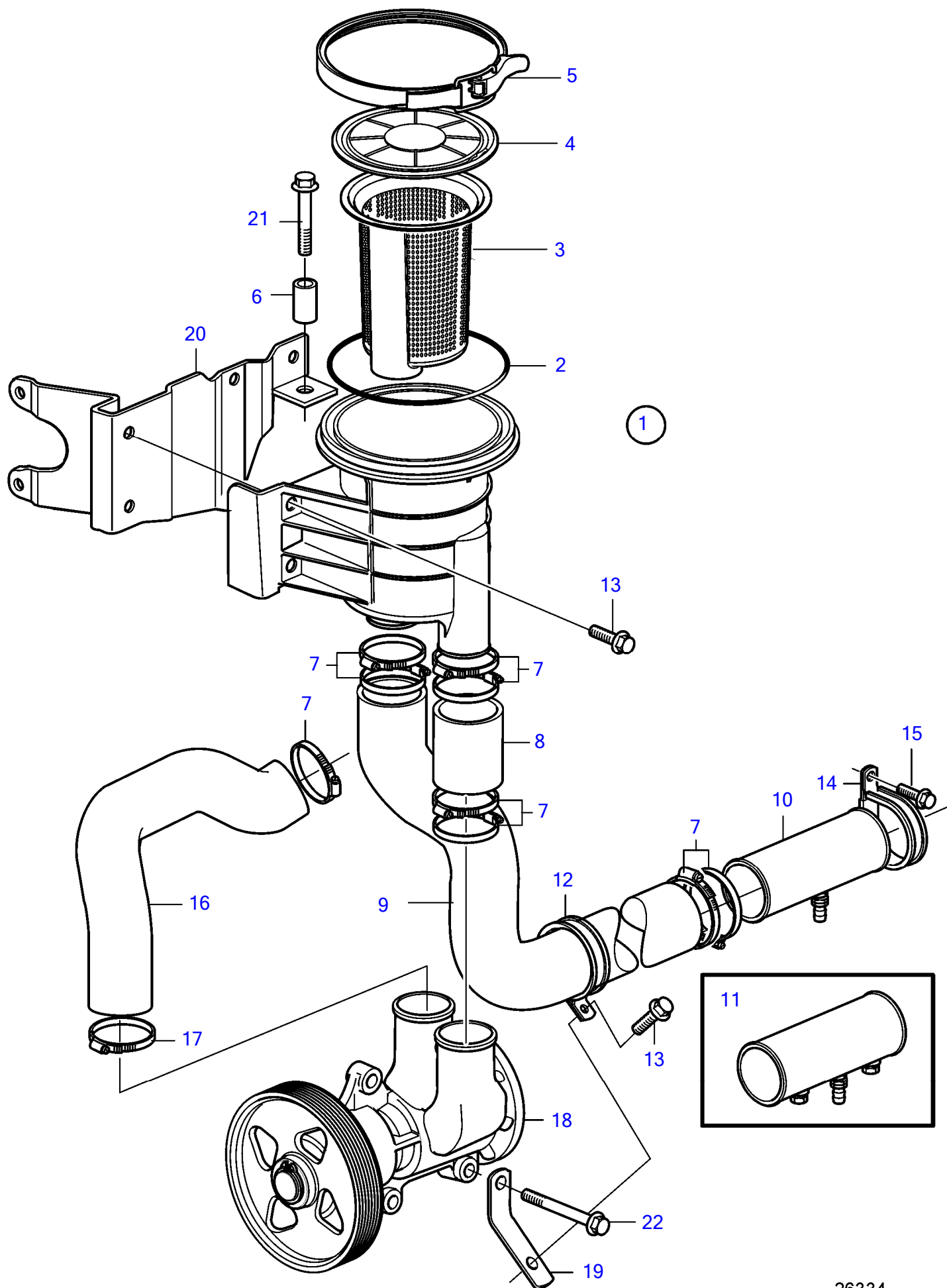
REF	PART NO.	QTY	DESCRIPTION	NOTES
1	3885354	1	Intercooler	
	22092529	1	Intercooler	
	21781663	1	Intercooler	
2	21692360	1	▪ Housing	
3	3583628	1	▪ Cover	
	22092538	1	▪ Cardboard tube	For 22092529, For 21781663
4	3838337	8	▪ Screw	
5	3838406	4	▪ O-ring	
6	3808746	1	▪ Insert	
7	3838407	1	▪ Spacer	
8	3583629	1	▪ Cover	For 22092529
	21687551	1	▪ Cover	For 21781663
9	3583822	1	▪ Draining nipple	
10	838929	1	▪ Anode	
11	838928	1	▪ Plug	
12	3583634	1	▪ Gasket	
13	3583633	1	▪ Cover	
14	3583635	8	▪ Screw	
15	3582786	1	Connection pipe	
16	953049	2	Stud	
17	945408	2	Flange nut	
18	965216	1	Flange screw	
19	947760	1	Flange screw	
20	865747	1	Hose	
21	994565	2	Hose clamp	
22	973924	4	Flange screw	
23	3848536	1	Bracket	
24	946173	5	Flange screw	
25	984474	2	Clamp	
26	946440	2	Flange screw	
27	943478	2	Hose clamp	
28	943370	1	Rubber hose	L=50mm
29	942754	1	Hose	

D4-180I-F, D4-225I-F



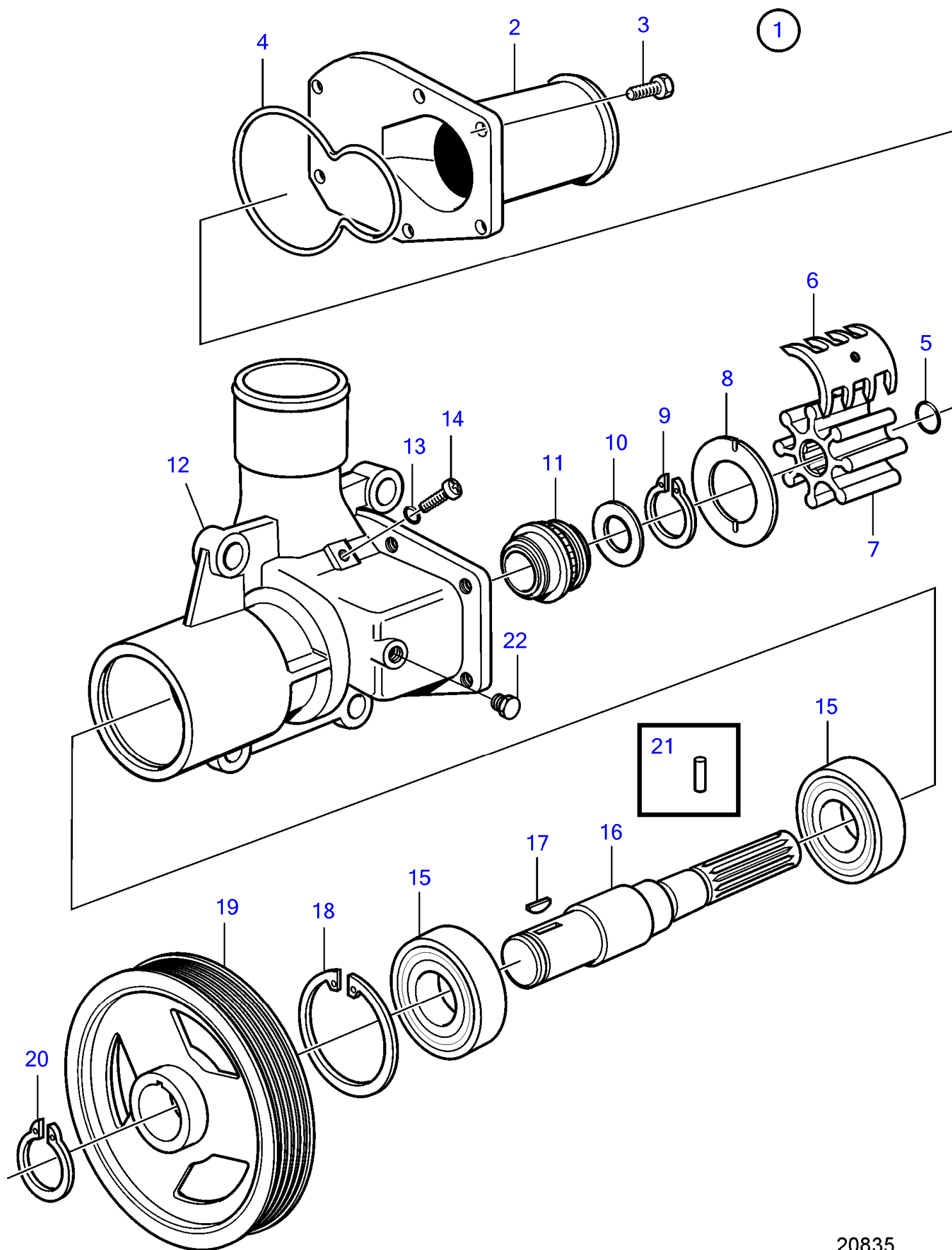
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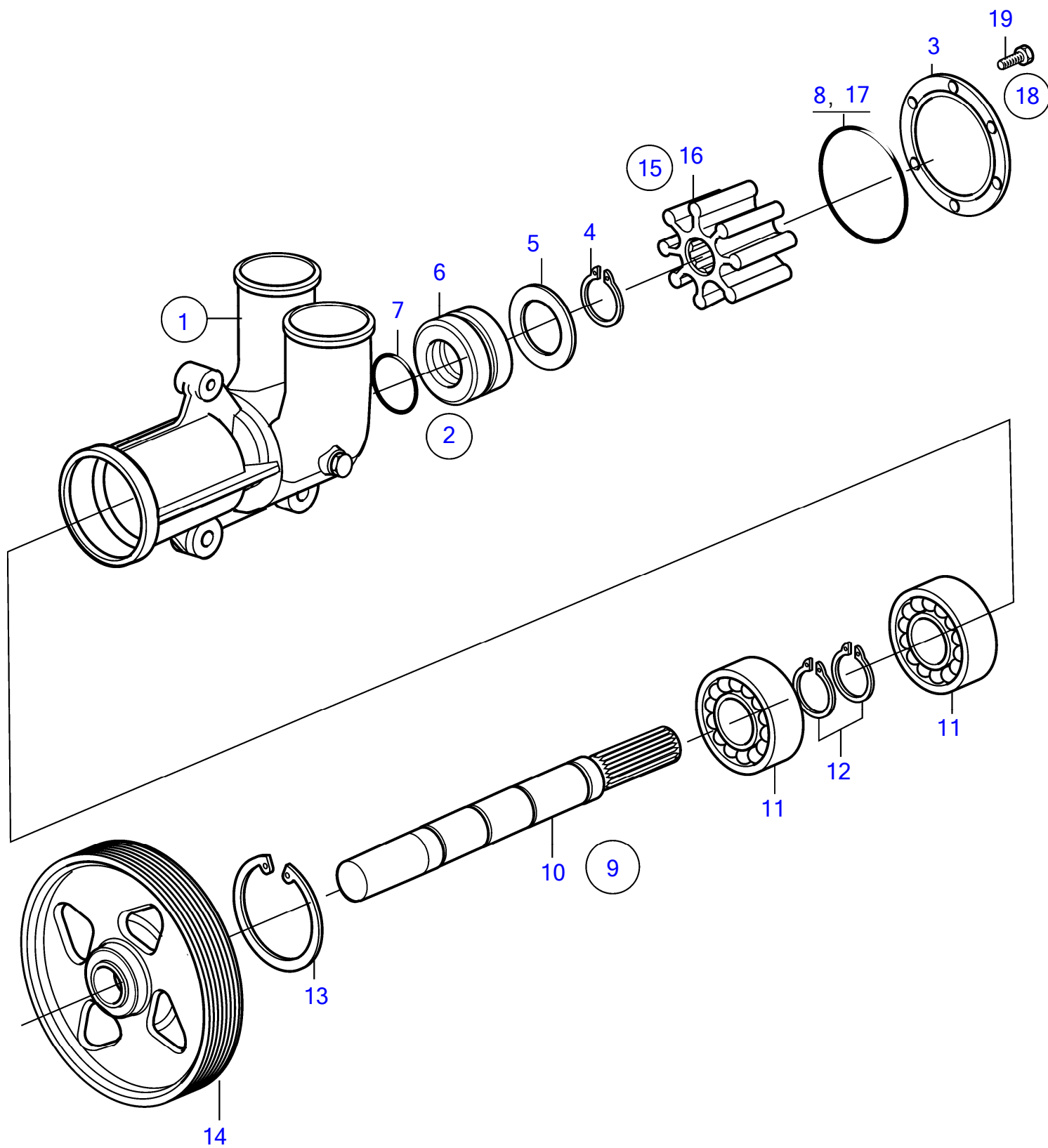


REF	PART NO.	QTY	DESCRIPTION	SEE SEC.	NOTES
1	21368500	1	Sea water filter		
2	995147	1	• O-ring		
3	21368504	1	• Strainer		
4	21445782	1	• Cover		
5	21368508	1	• V-clamp		
6	3528225	1	• Spacer sleeve		
7	961672	9	Hose clamp		
8	994814	1	Rubber hose		
9	21368518	1	Hose		
10	3584430	1	T-pipe		
11	3584243	1	Radiator		
12	980476	1	Clamp		
13	946173	3	Flange screw		
14	984474	1	Clamp		
15	945444	1	Flange screw		
16	21368514	1	Hose		
17	961671	1	Hose clamp		
18	21419374	1	Sea water pump	37357	
			•	37357	
			• Bulletin P-26-6-5	P-26-6-5-EN	New seawater pump kits
19	21619824	1	Bracket		
20	21368510	1	Bracket		
21	994441	1	Flange screw		
22	947760	4	Flange screw		

D4-180I-F, D4-225I-F, D4-260I-F, D4-300I-F



D4-225A-F, D4-260A-F, D4-260D-F, D4-300A-F, D4-300D-F

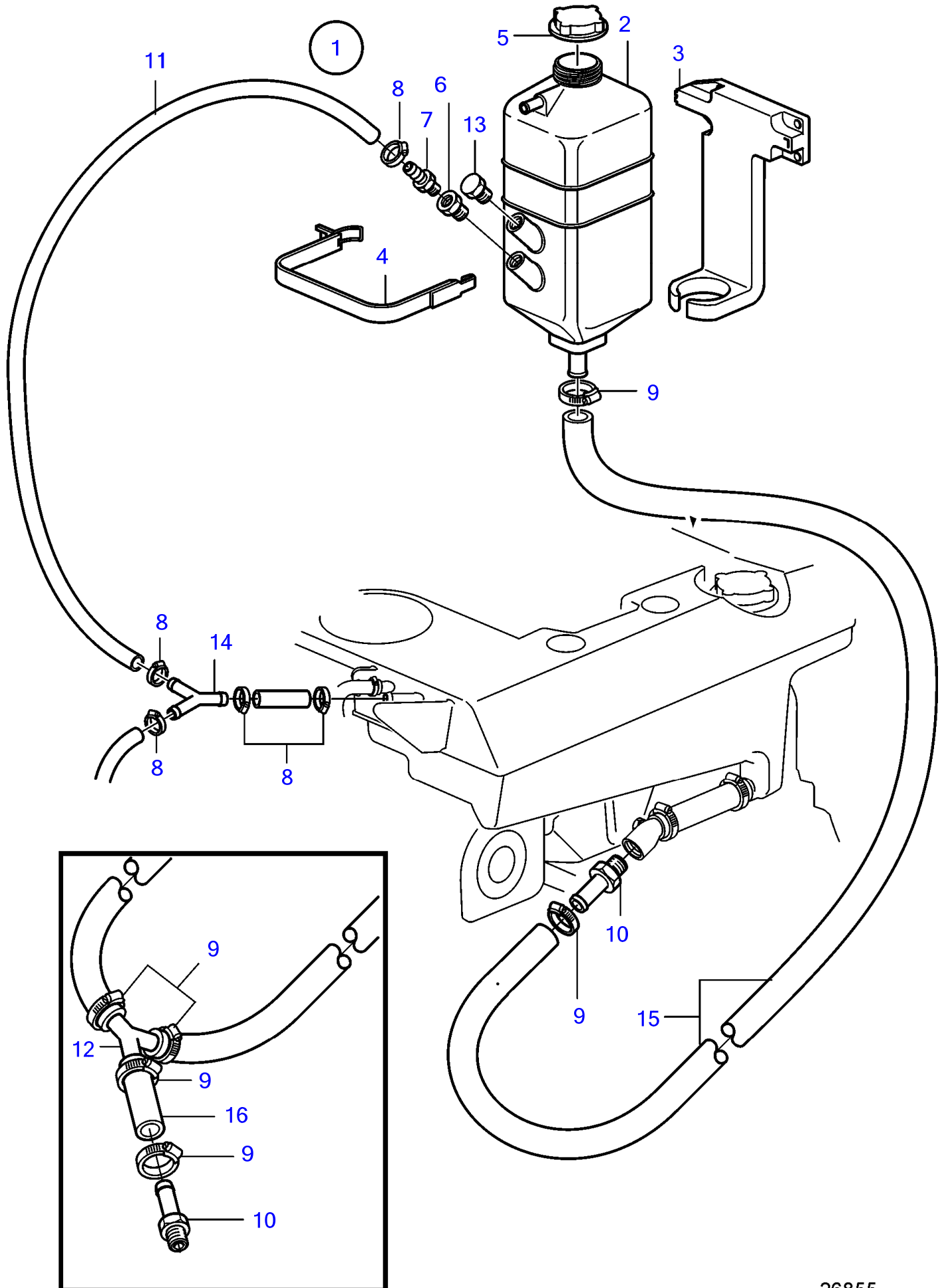


26624

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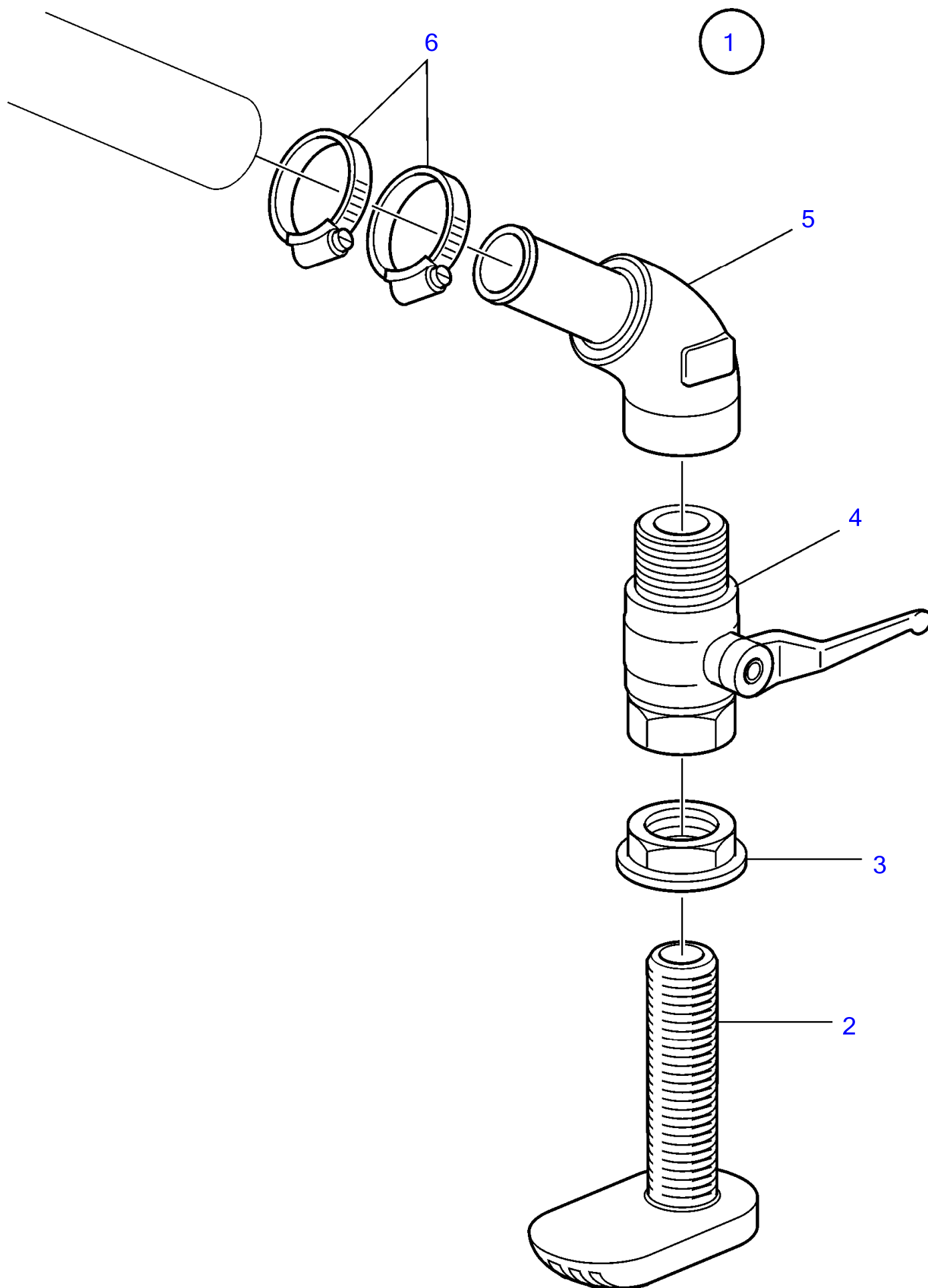
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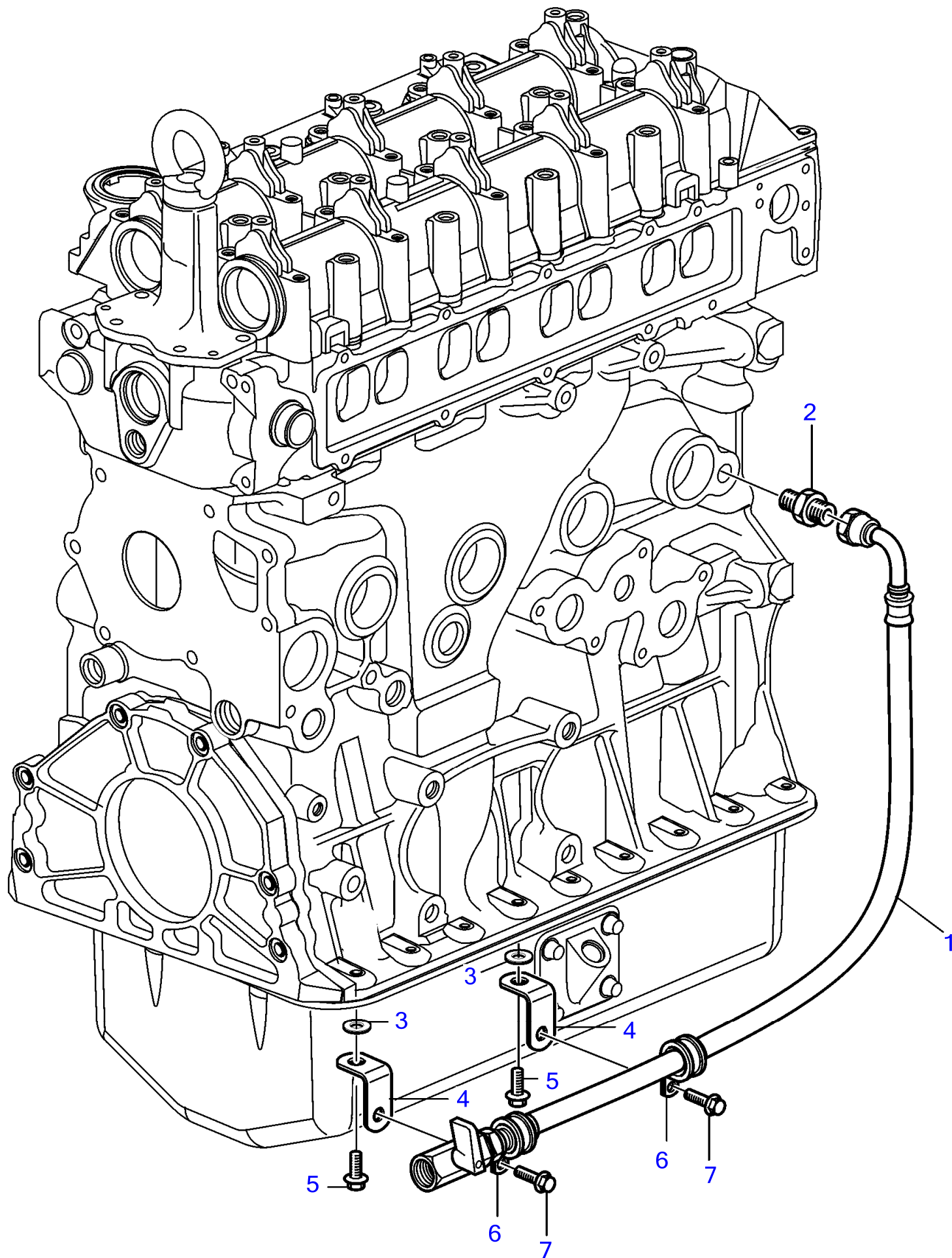
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47704400-26-7127	20364	Upd:2/21/2017
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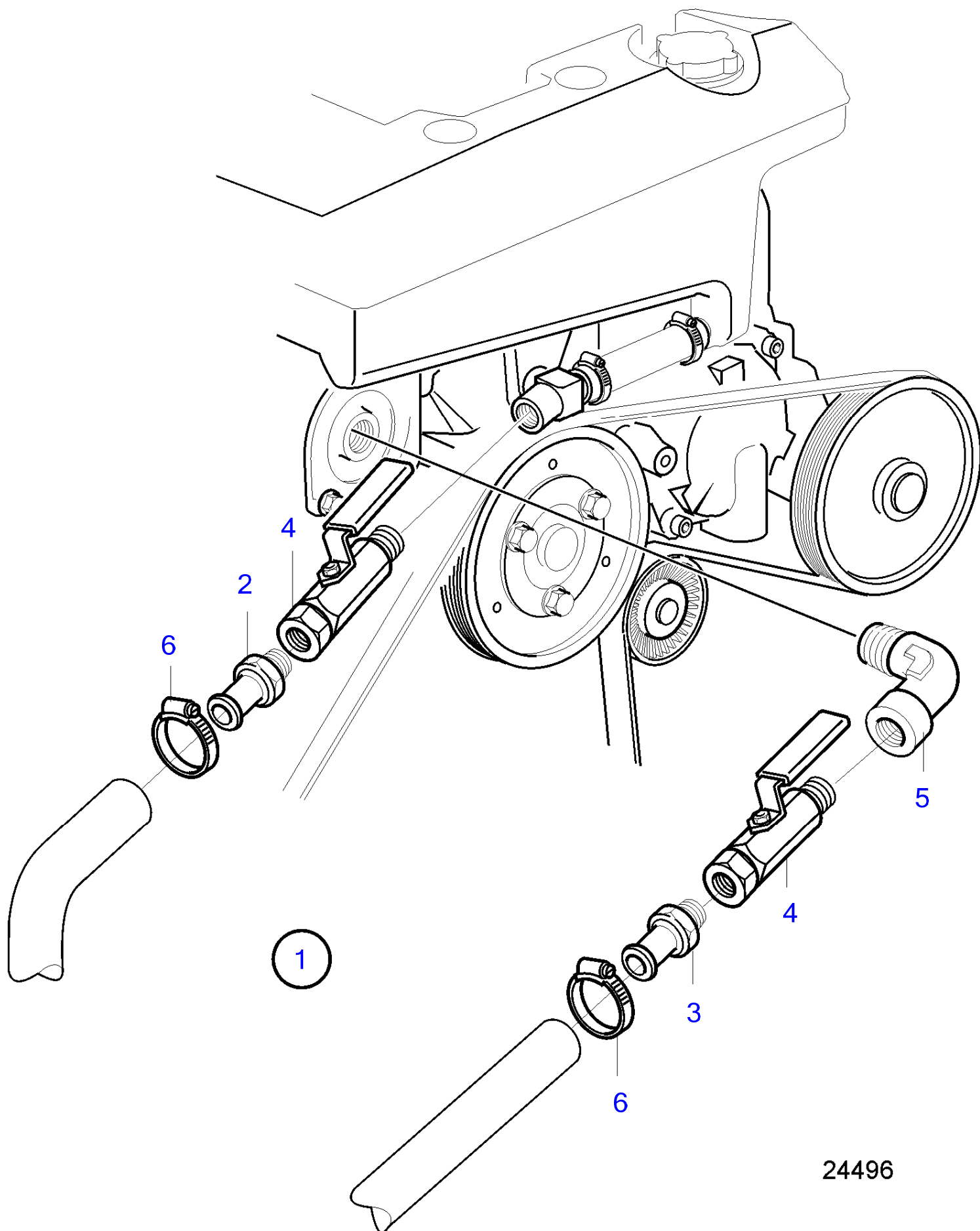
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D4-180I-F, D4-225A-F, D4-225I-F, D4-260A-F, D4-260D-F, D4-260I-F, D4-300A-F, D4-300D-F, D4-300I-F

47704400-26-36480	25546	Upd:2/21/2017
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D4-180I-F, D4-225A-F, D4-225I-F, D4-260A-F, D4-260D-F, D4-260I-F, D4-300A-F, D4-300D-F, D4-300I-F

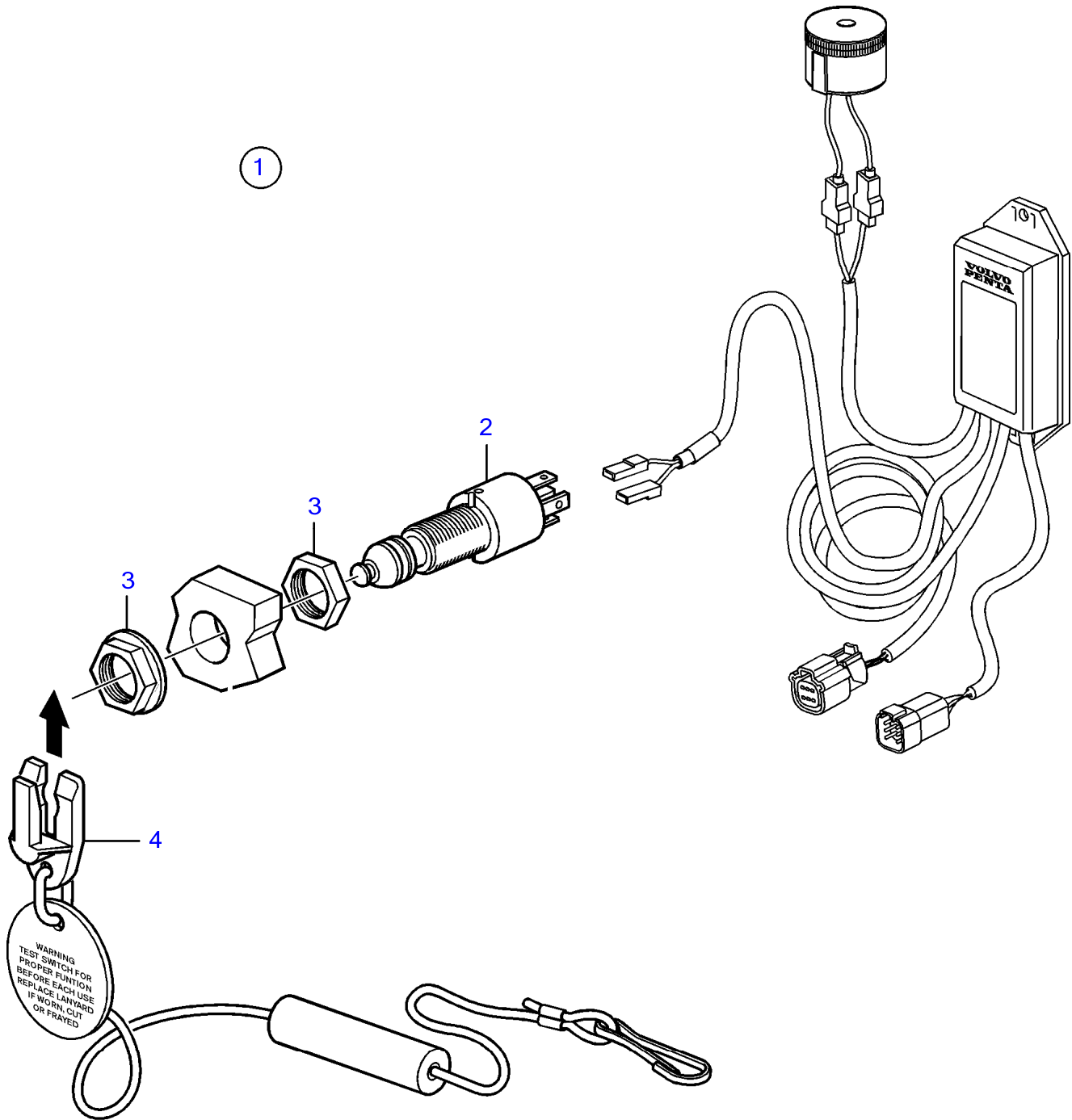


24496

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47704400-26-7124	24496	Upd:2/21/2017
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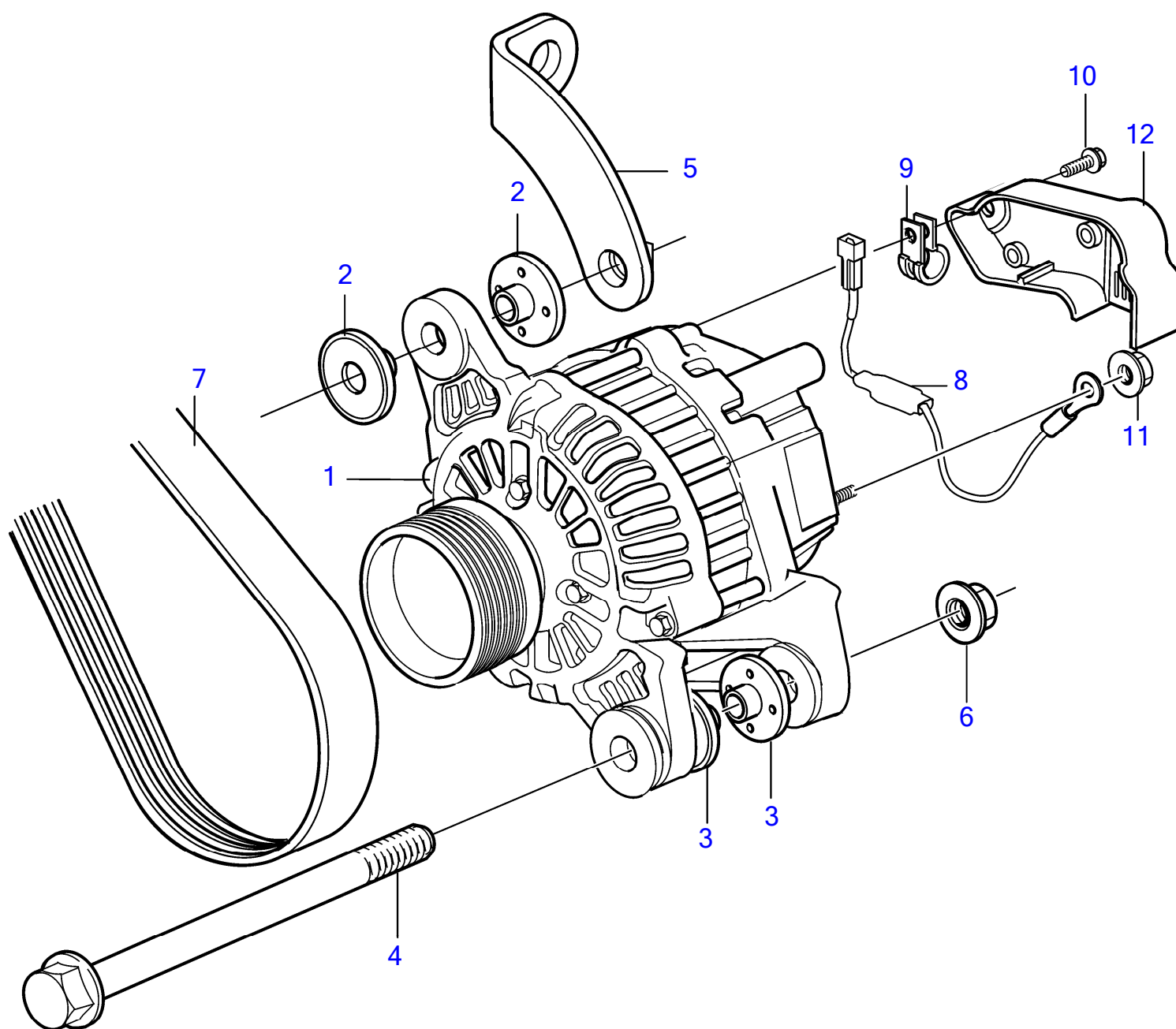
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D4-180I-F, D4-225A-F, D4-225I-F, D4-260A-F, D4-260D-F, D4-260I-F, D4-300A-F, D4-300D-F, D4-300I-F

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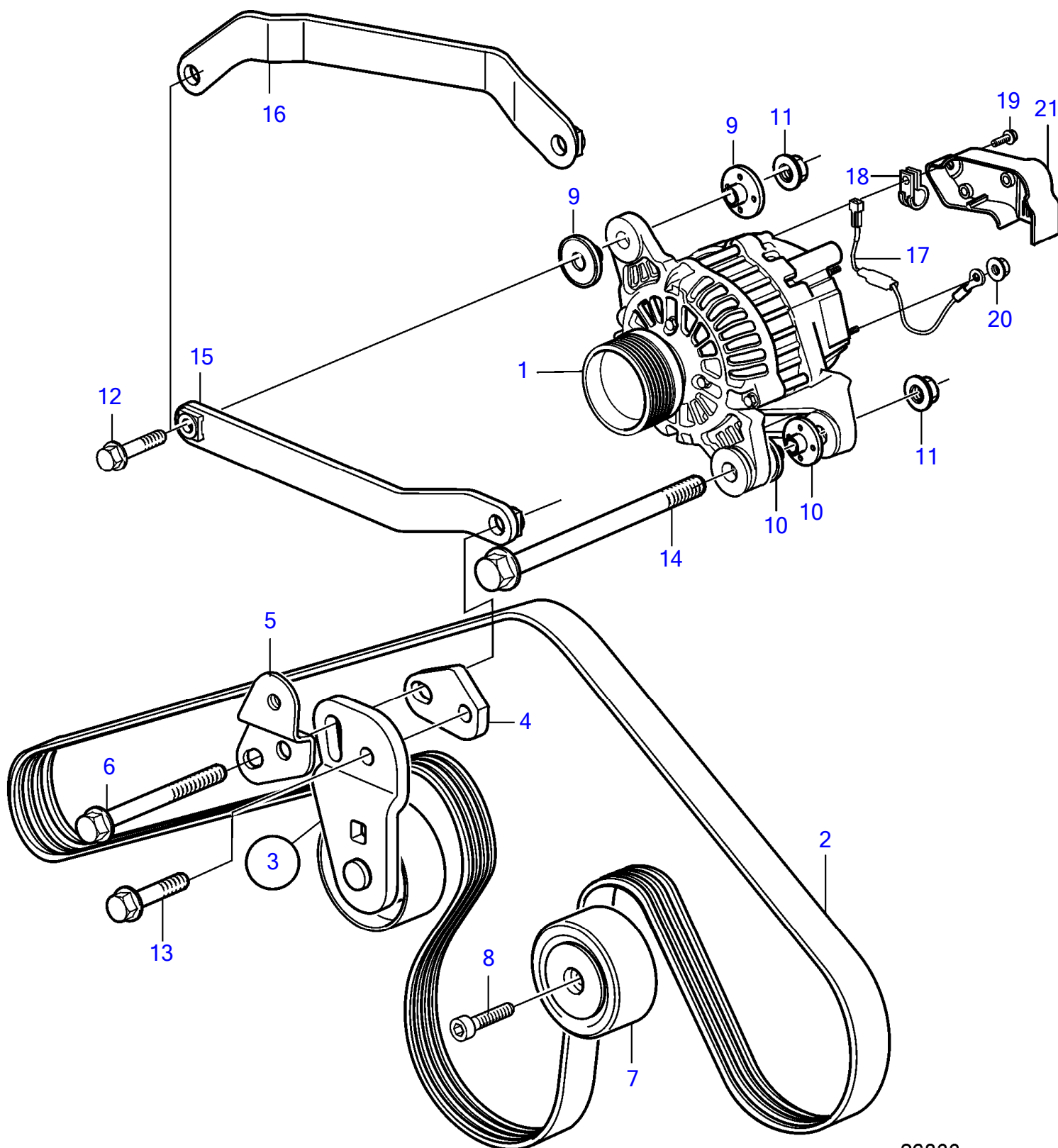
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26422

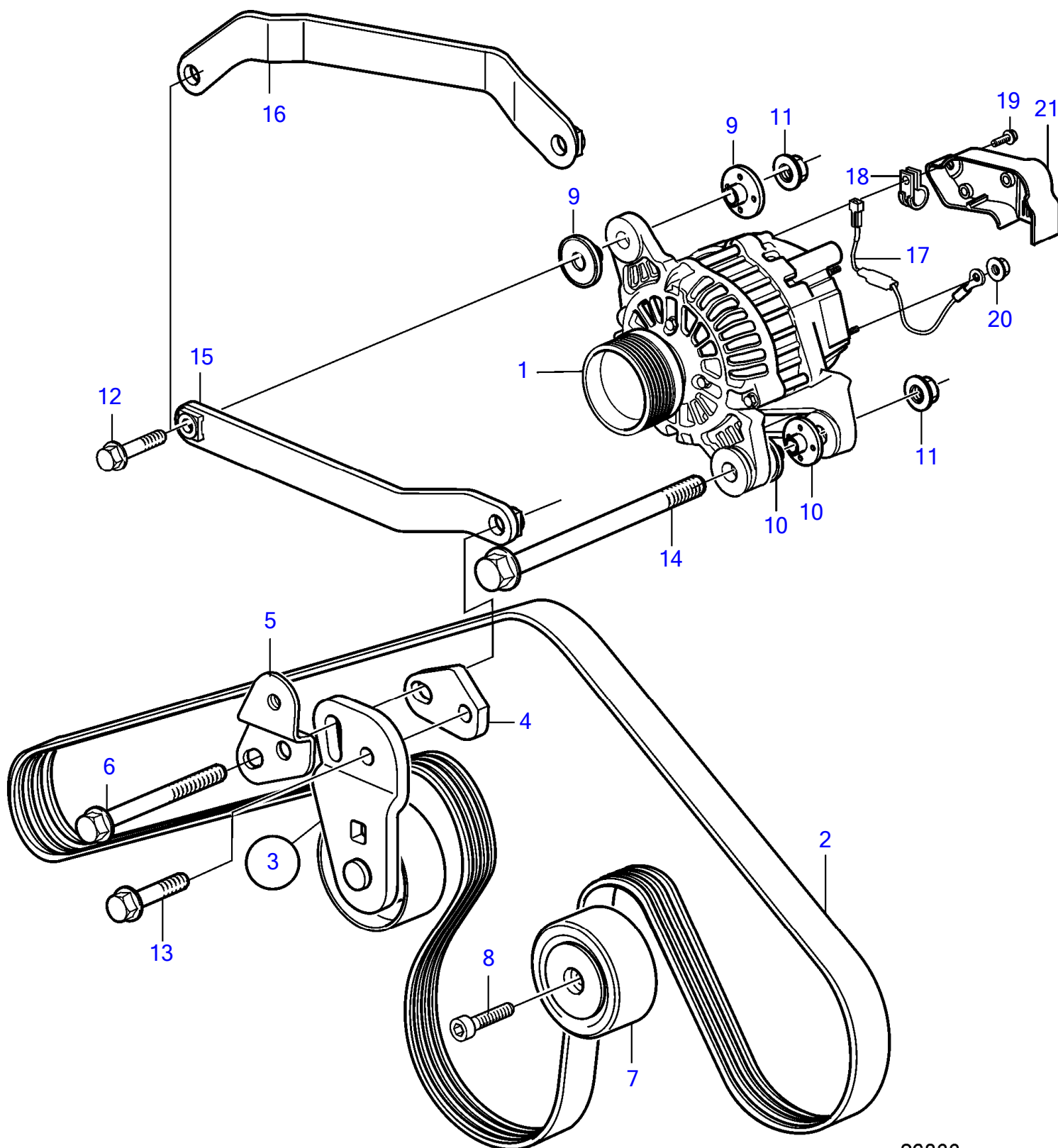
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D4-180I-F, D4-225A-F, D4-225I-F, D4-260I-F, D4-300I-F



26833

D4-260A-F, D4-260D-F, D4-300A-F, D4-300D-F

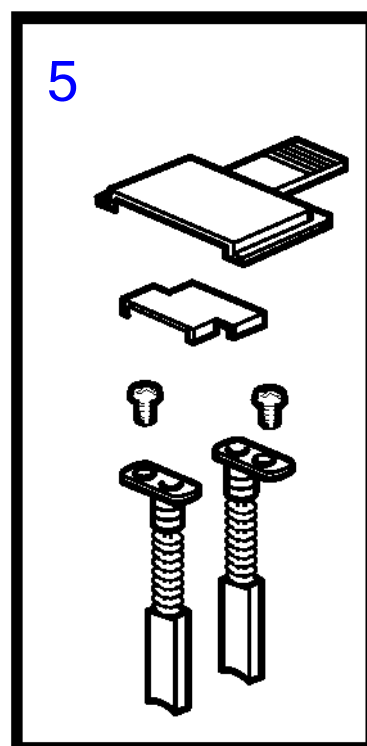
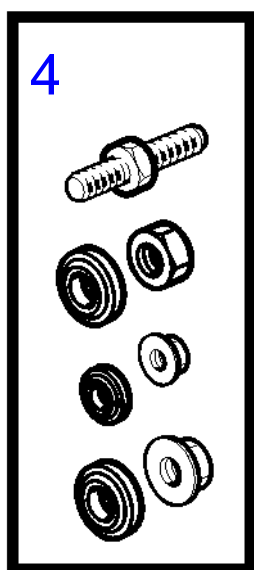
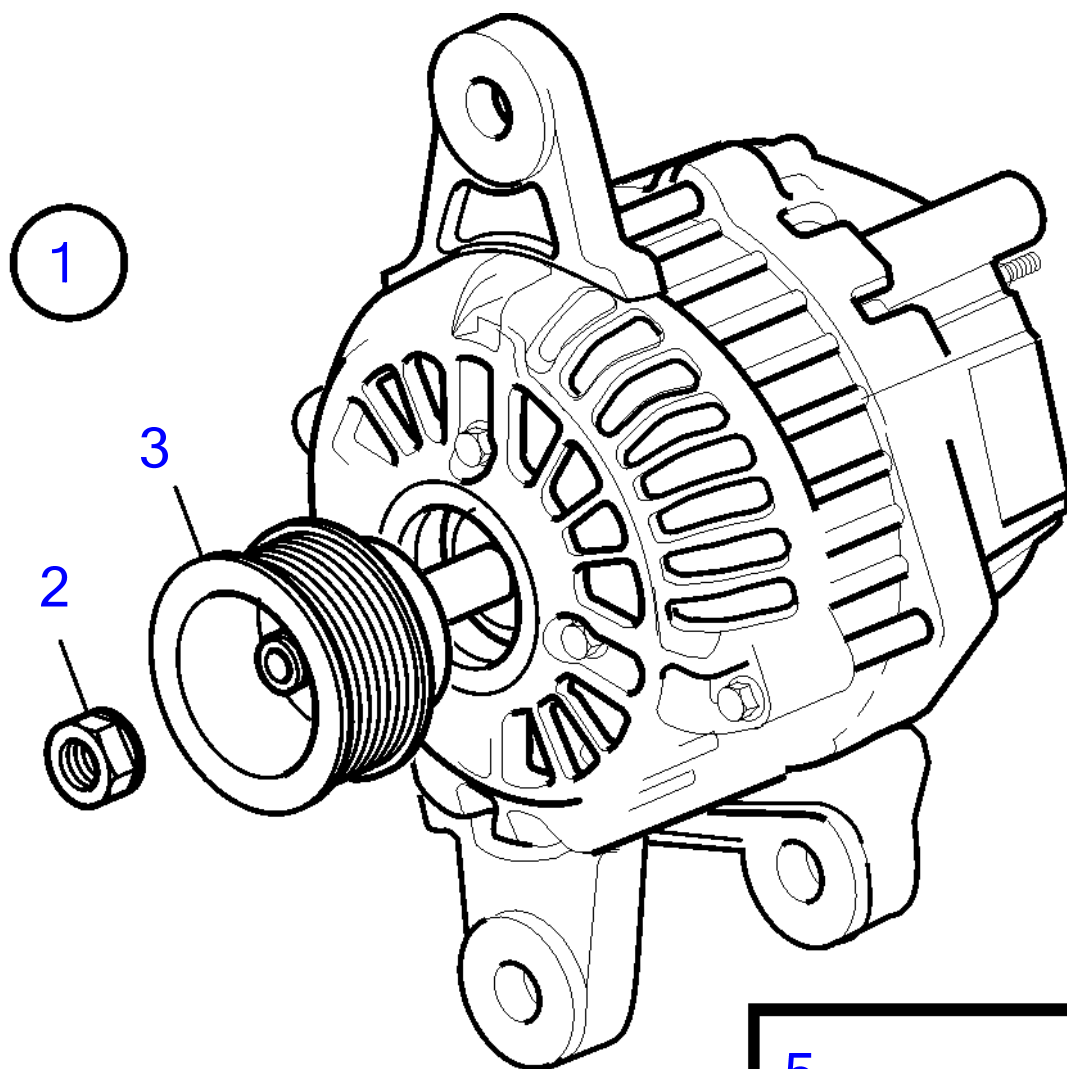


26833

D4-260A-F, D4-260D-F, D4-300A-F, D4-300D-F

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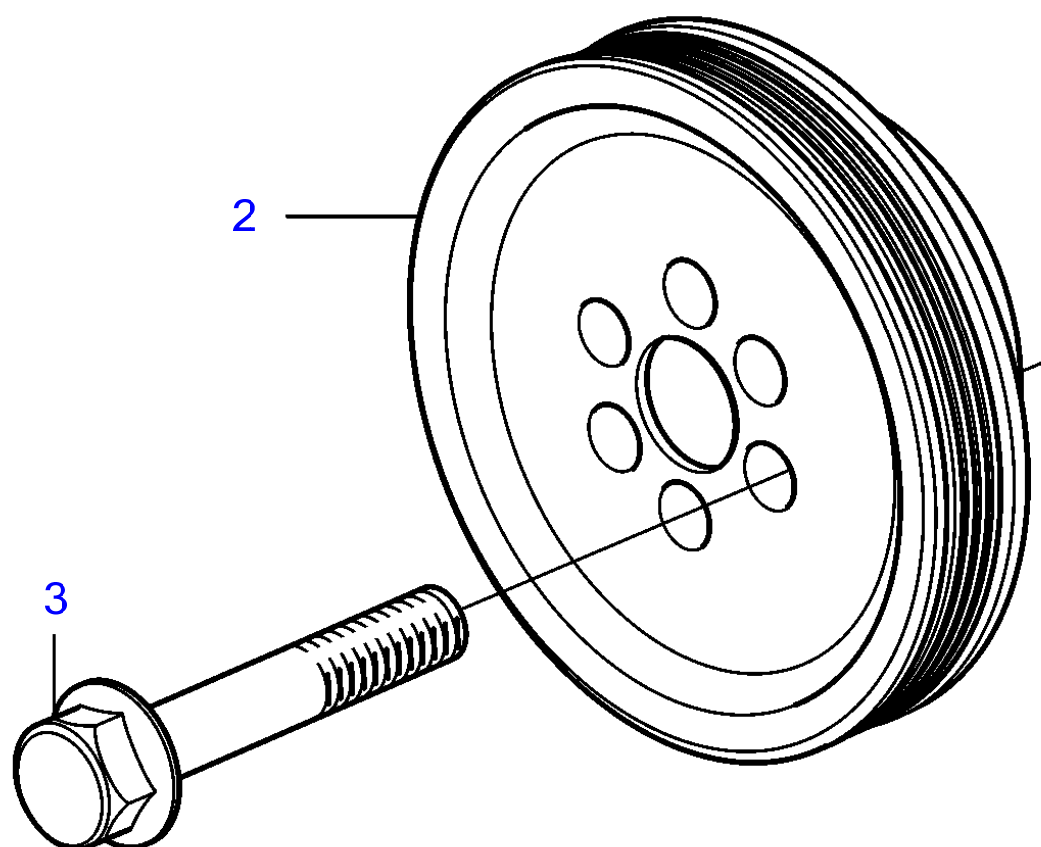
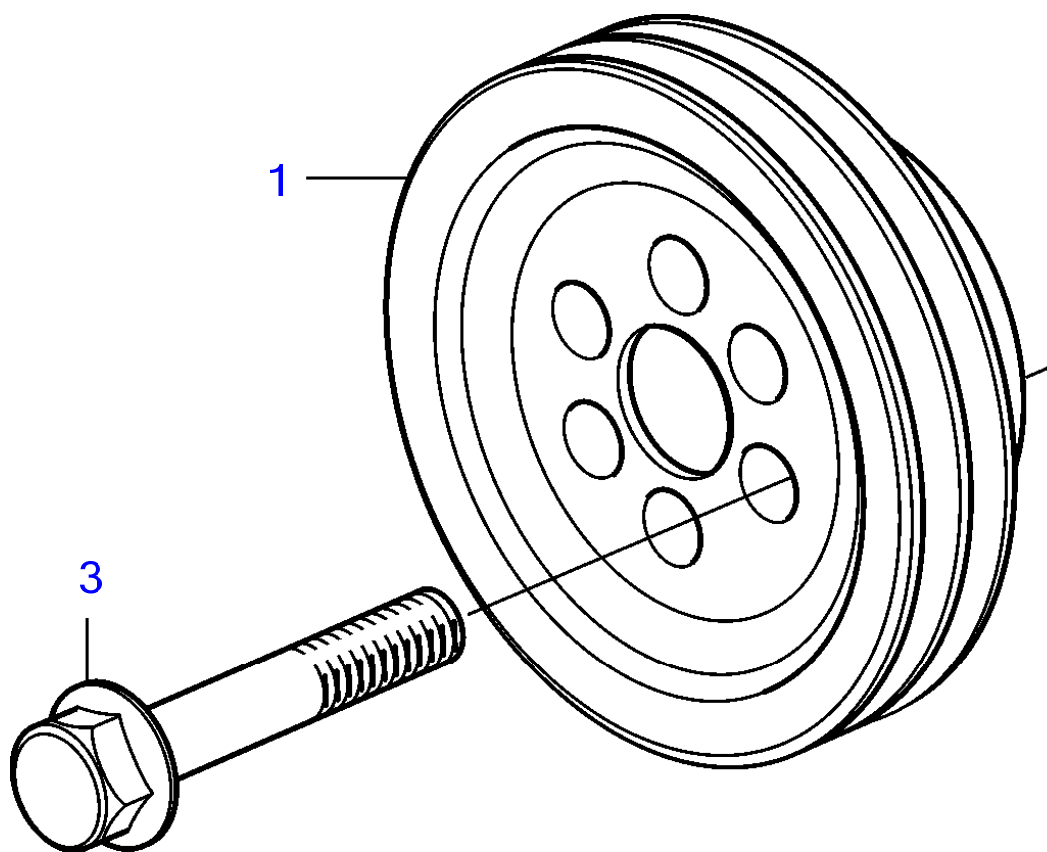
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D4-180I-F, D4-225A-F, D4-260A-F, D4-260D-F, D4-260I-F, D4-300A-F, D4-300D-F, D4-300I-F

47704400-30-38781	24383	Upd:2/21/2017
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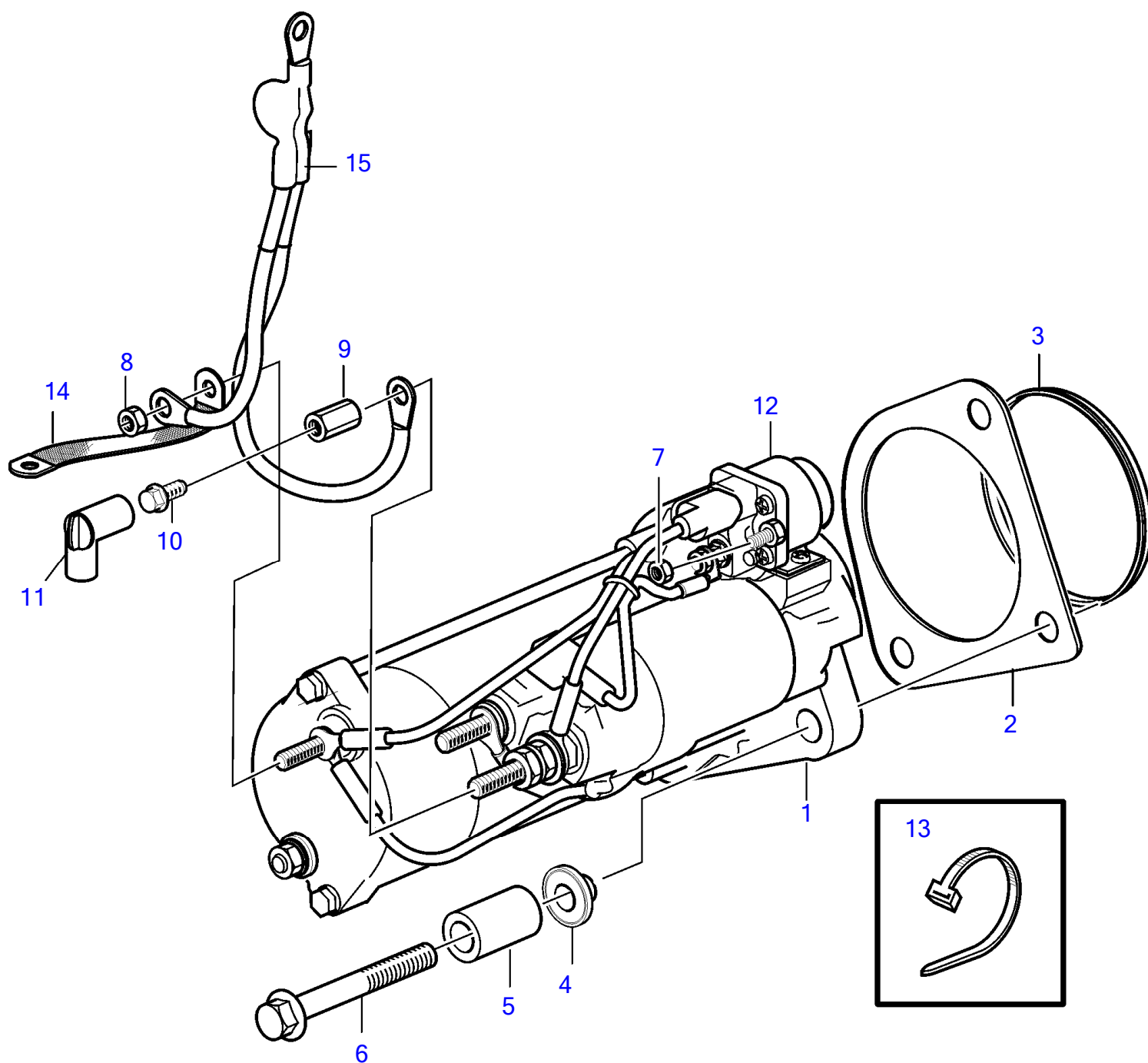
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D4-180I-F, D4-225A-F, D4-225I-F, D4-260A-F, D4-260D-F, D4-260I-F, D4-300A-F, D4-300D-F, D4-300I-F

REF	PART NO.	QTY	DESCRIPTION	NOTES
1	3809925	1	Pulley	For V-belt
2	3809926	1	Pulley	For multi-V-belt.
3	471540	6	Flange screw	

D4-180I-F, D4-225A-F, D4-225I-F, D4-260A-F, D4-260D-F, D4-260I-F, D4-300A-F, D4-300D-F, D4-300I-F

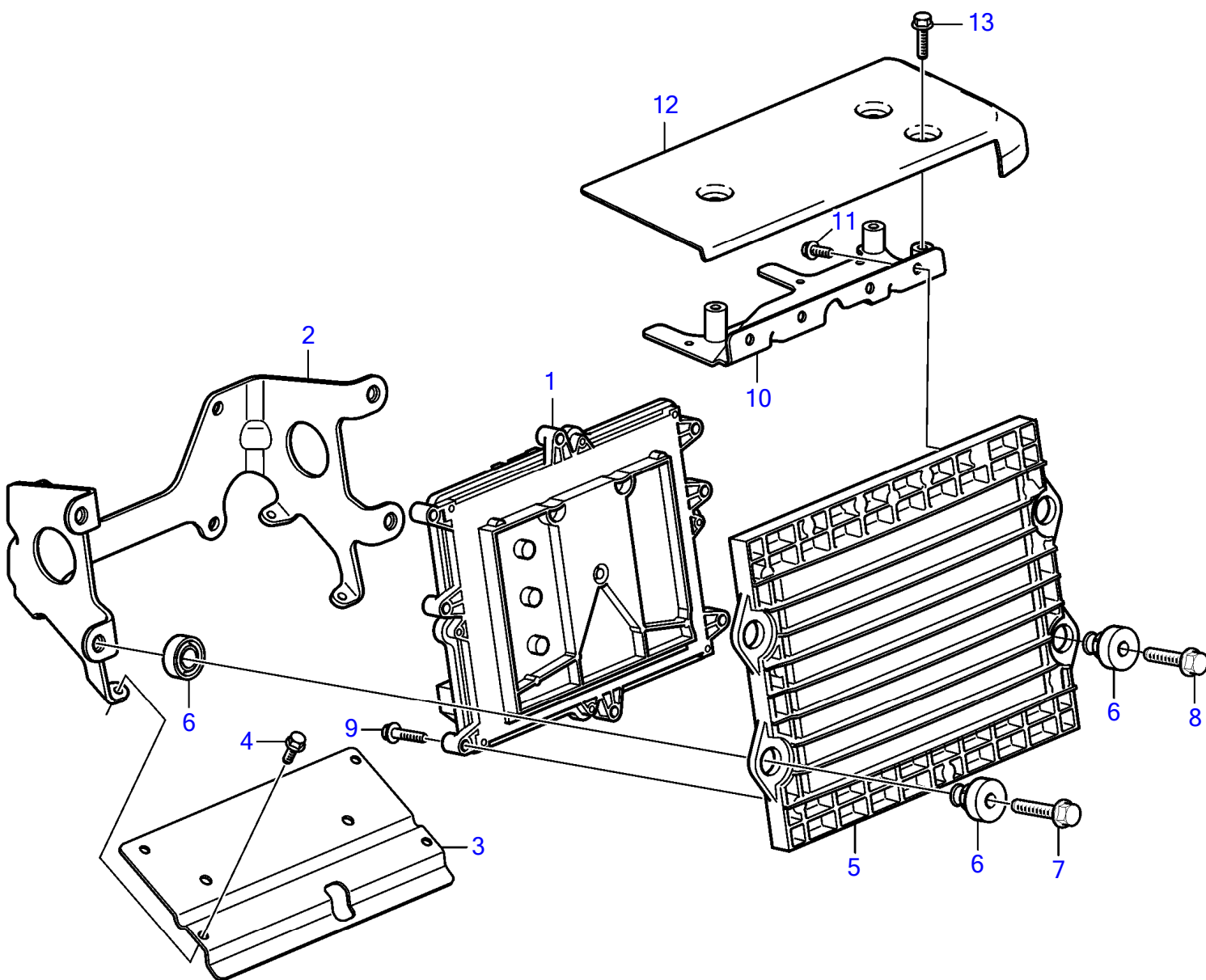


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D4-260A-F, D4-260D-F, D4-300A-F, D4-300D-F



26324

D4-260A-F, D4-260D-F, D4-300A-F, D4-300D-F

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