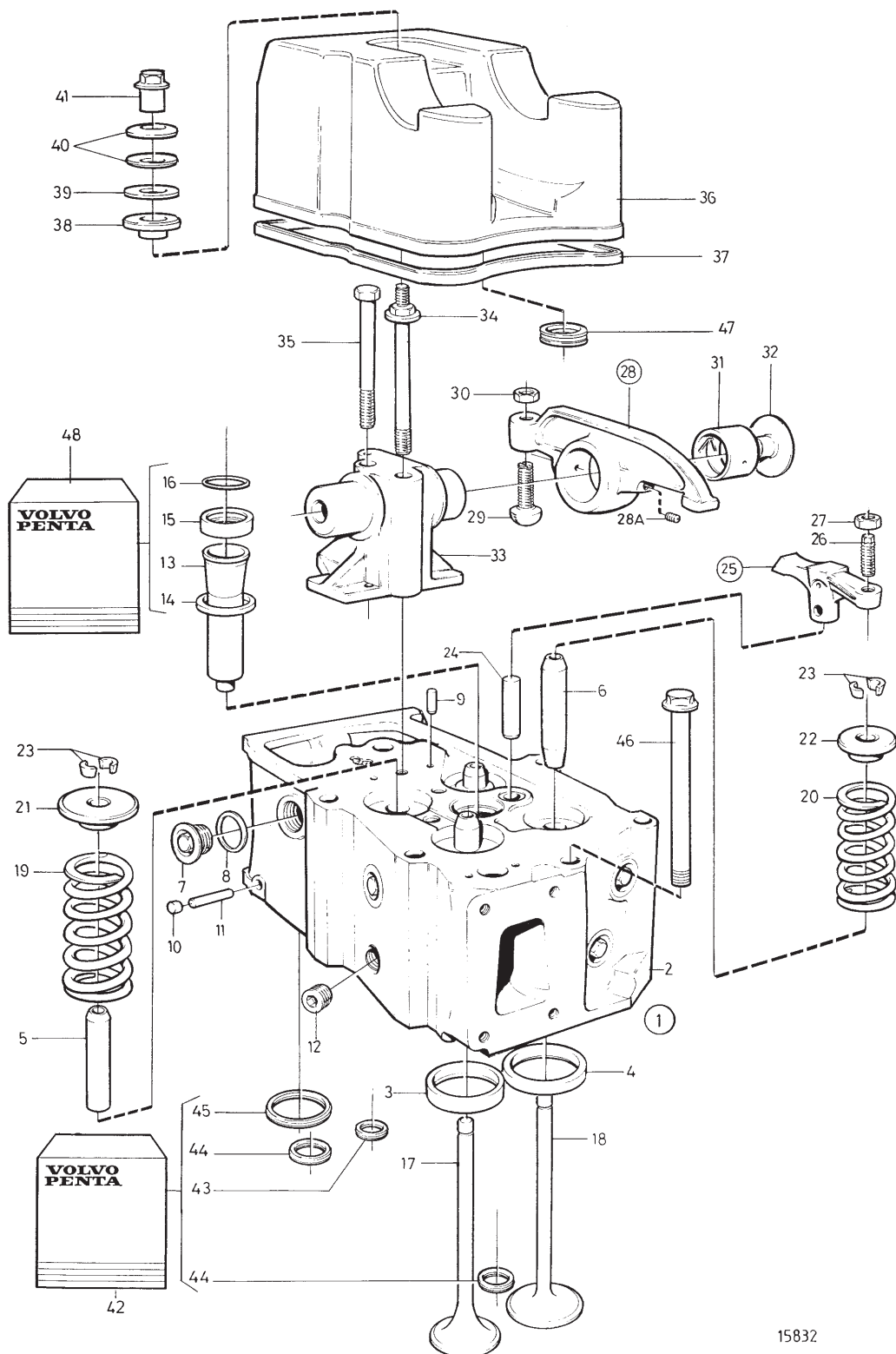




Cylinder Head

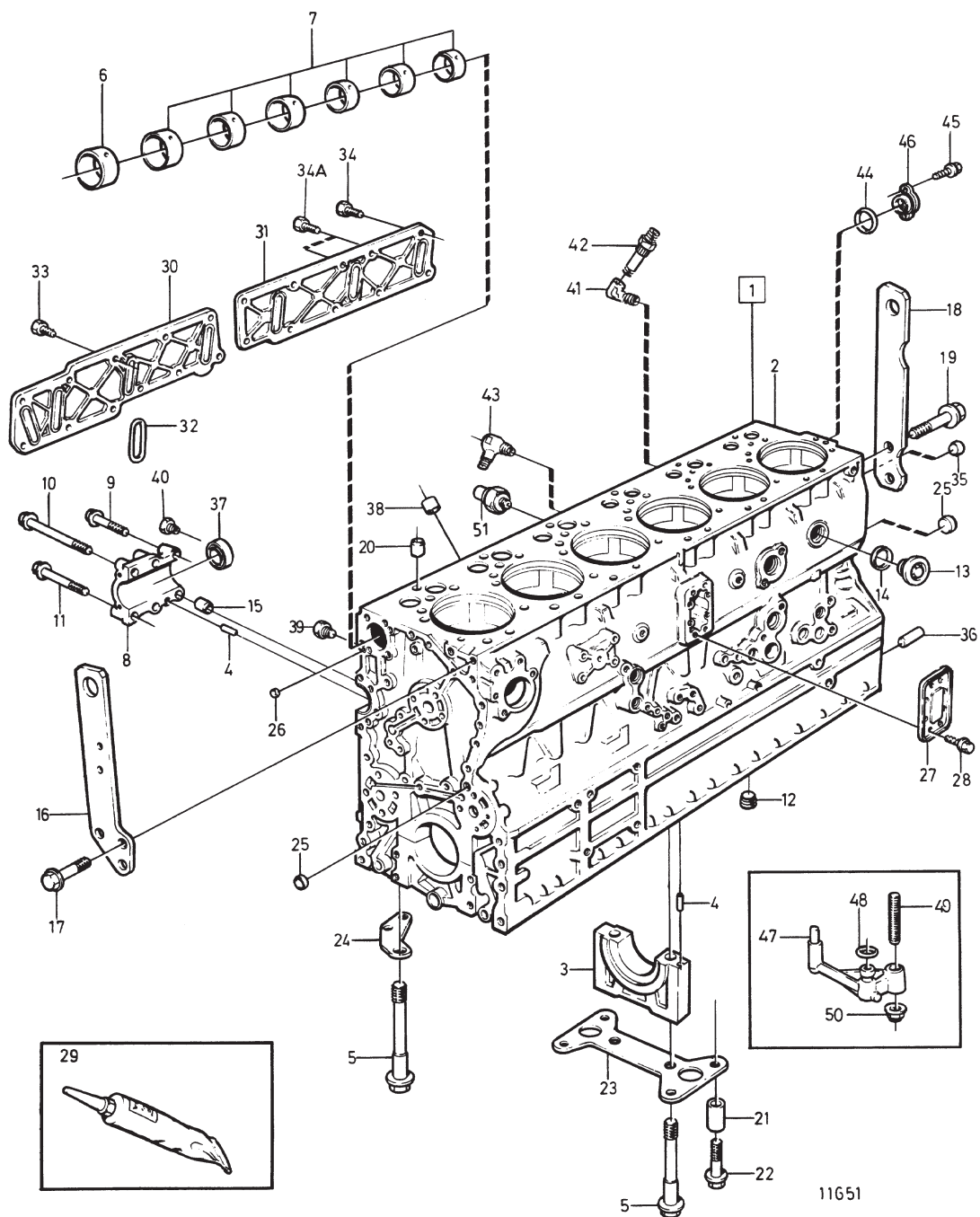
Cylinderhuvud

Group
Grupp

21

TWD1630G, TAD1630G, TAD1630GE, TAD1631G,
TAD1631GE

A TWD1630G, TAD1630G, TAD1630GE			B TAD1631G, TAD1631GE			C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
1	85077717	6	6	-	Cylinder head	Cylinderhuvud	STD O.S=0,20mm STD O.S=0,20mm
2		6	6	-	• Cylinder head	• Cylinderhuvud	
3	85077345	12	12	-	• Valve seat, exhaust	• Ventilsåte, avgas	
	85077485	12	12	-	• Valve seat, exhaust	• Ventilsåte, avgas	
4	85077337	12	12	-	• Valve seat, intake	• Ventilsåte, insug	
	85077477	12	12	-	• Valve seat, intake	• Ventilsåte, insug	
5	85451045	12	12	-	• Valve guide, exhaust	• Ventilstyrning, avgas	
6	85451052	12	12	-	• Valve guide, intake	• Ventilstyrning, insug	
7	85077873	2	2	-	• Plug	• Propp	
8	85456440	2	2	-	• Gasket	• Packning	
9	85467611	1	1	-	• Pin	• Pinne	
10	85467942	6	6	-	• Plug	• Propp	
11	85076396	6	6	-	• Pin	• Pinne	
12	85071710	1	1	-	• Plug	• Propp	
13	85076222	6	6	-	• Nozzle sleeve	• Spridarhylsa	
14	85076230	6	6	-	• Sealing ring	• Tätningssring	
15	85076610	6	6	-	• Ring	• Ring	
16	85076495	6	6	-	O-ring	O-ring	
17	85451086	12	-	-	Exhaust valve	Avgasventil	O.S=22,4 mm O.S=32,5 mm O.S=54,6 mm 1)
	85451128	-	12	-	Exhaust valve	Avgasventil	
18	85451078	12	12	-	Inlet valve	Inloppsventil	
19	85076859	12	12	-	Valve spring	Ventilfjäder	
20	85076867	12	12	-	Valve spring	Ventilfjäder	
21	85076834	12	12	-	Valve spring washer	Ventilfjäderbricka	
22	85076180	12	12	-	Valve spring washer	Ventilfjäderbricka	
23	85451037	48	48	-	Valve collet	Ventillås	
24	85077253	12	12	-	Pin	Pinne	
25	85077352	12	12	-	Yoke	Ok	
26	85076263	12	12	-	• Adjusting screw	• Ställskruv	
27	85467108	12	12	-	• Nut	• Mutter	
28	85076305	12	12	-	Rocker arm	Vipparm	
28A	85076735	24	24	-	• Nozzle	• Munstycke	
29	85076271	12	12	-	• Ball screw	• Kulskruv	
30	85467108	12	12	-	• Nut	• Mutter	
31	85076313	12	12	-	• Bushing	• Bussning	
32	85076420	12	12	-	Plug	Propp	
33	85076362	6	6	-	Bearing bracket	Lagerbock	
34	85077261	6	6	-	Stud	Pinnskruv	
35	85075646	6	6	-	Flange screw	Flänsskruv	
36	85076354	6	6	-	Valve cover	Ventilkåpa	
37	85402030	6	6	-	Gasket	Packning	
38	85076560	6	6	-	Damping ring	Dämpningsring	
39	85076685	6	6	-	Washer	Bricka	
40	85466779	12	12	-	Disc spring	Tallriksfjäder	
41	85076677	6	6	-	Cap nut	Hattmutter	
42	85450559	6	6	-	Gasket kit, cylinder head	Packningsats, cylinderlock	
43	85076503	6	6	-	• Sealing ring	• Tätningssring	
44	85076479	12	12	-	• Sealing ring	• Tätningssring	
45	85077545	12	12	-	• Sealing ring	• Tätningssring	
46	85076857	36	36	-	Screw	Skruv	
47	85076743	6	6	-	Sealing ring,	Tätningssring,	
					injector-valve cover	insprutare-ventilkåpa	
48	85450575	6	6	-	Copper sleeve kit, fuel	Kopparhylssats, insprutare	
					injector	insprutare	



Cylinder Block

Cylinderblock

Group
Grupp**21**

TWD1620G, TWD1630G, TAD1630G, TAD1630GE

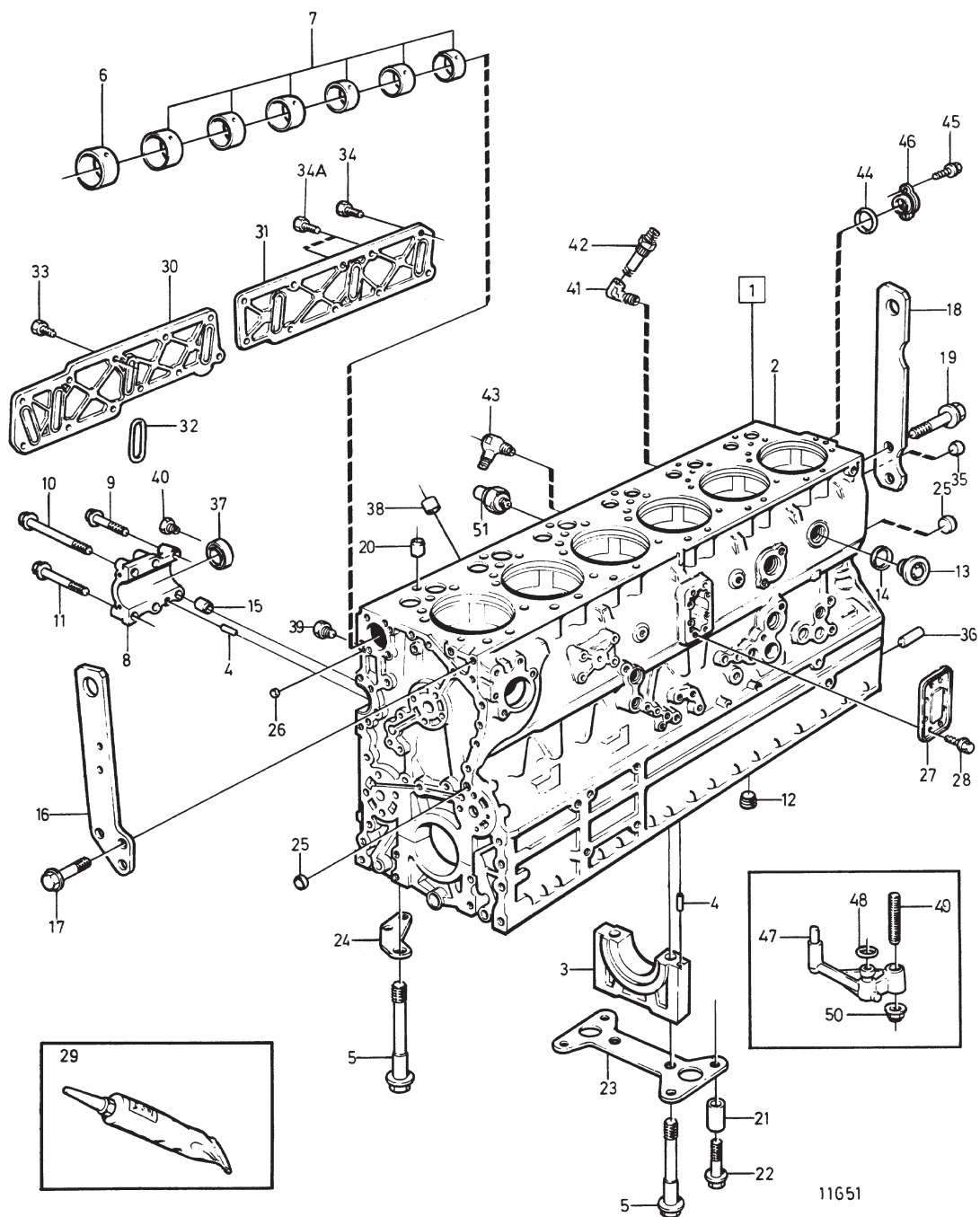
A TWD1620G			B TWD1630G			C TAD1630G, TAD1630GE		
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
		A	B	C				
1	85076172	1	1	1	Cylinder block	Cylinderblock		
2		1	1	1	• Cylinder block	• Cylinderblock		
3		7	7	7	• Main bearing cap	• Ramlageröverfall		
4	85455558	8	8	8	• Pin	• Pinne		
5	85076297	14	14	14	• Flange screw	• Flänsskruv		
6	85077667	1	1	1	• Bushing	• Bussning		
7	85077675	6	6	6	• Bushing	• Bussning		
8		1	1	1	• Cap	• Överfall		
9	85469559	4	4	4	• Screw	• Skruv		
10	85469583	1	1	1	• Screw	• Skruv		
11	85469575	1	1	1	• Screw	• Skruv		
12	85467751	1	1	1	• Plug	• Propp		
13	85466200	4	4	4	• Plug	• Propp		
14	85077808	4	4	4	• Gasket	• Packning		
15	85076719	1	1	1	• Guide sleeve	• Styrhylsa		
16		1	1	1	Lifting iron, front	Lyftjärn, främre		
17	85469609	3	3	3	Screw	Skruv		
18		1	1	1	Lifting iron, rear	Lyftjärn, bakre		
19	85075133	2	2	2	Flange screw	Flänsskruv		
20	85076719	6	6	6	Guide sleeve	Styrhylsa		
21	85076768	28	28	28	Spacer sleeve	Distanshylsa		
22	85469617	28	28	28	Screw	Skruv		
23	85077774	5	5	5	Stiffening plate	Förstyvningsplåt		
24	85076578	4	4	4	Stiffening plate	Förstyvningsplåt		
25	85467967	2	2	2	Cap plug	Hattplugg		
26	85059509	1	1	1	Cap plug	Hattplugg		
27	85076586	1	1	1	Cover	Lock		
28	85075042	8	8	8	Screw	Skruv		
29	85450260	X	X	X	Sealant	Tättningsmedel		
30	85076370	1	1	1	Cover plate	Lucka		
31	85076388	1	1	-	Cover plate	Lucka		
	85076388	-	-	1	Cover plate	Lucka		
	85077436	-	-	1	Cover plate, crankhouse	Lucka, vevhusvent.		
					vent.			
					Comps. see page 143	Detaljer se sida 143		
32	85466879	7	7	7	Sealing ring	Tättningsring		
33	85466878	15	15	15	Flange screw	Flänsskruv		
	85469492	3	3	3	Flange screw	Flänsskruv		
34	85466993	1	1	-	Flange screw	Flänsskruv		
34A	85467058	2	2	2	Flange screw	Flänsskruv		
35	85467066	1	1	1	Cap plug	Hattplugg		
36	85451888	2	2	2	Pin	Pinne		
37	85077204	1	1	1	Sealing ring	Tättningsring		
38	85455020	1	1	1	Guide sleeve, fuel inj.	Styrhylsa,		
					pump	insprutningspump		
39	85458578	1	1	1	Plug	Propp		
40	85075125	1	1	1	Plug	Propp		
41	85070878	1	1	1	Elbow nipple	V-nippel		
42	85467546	1	1	1	Drain cock	Avtappningskran		
43	85466472	1	1	1	T-nipple	T-nippel		
44	85075224	1	1	1	O-ring	O-ring		
45	85466936	2	1	1	Flange screw	Flänsskruv		
46	85076107	1	1	1	Cover	Lock		
47	85054518	6	-	6	Nozzle, piston cooling	Munstycke, kolvkylning		
	85077618	6	6	6	Jet, piston cooling	Munstycke, kolvkylning		
48	85468734	6	6	6	• O-ring	• O-ring		

L=50mm
L=90mm
L=70mmD=14,5mm
D=10,5mm

304ml

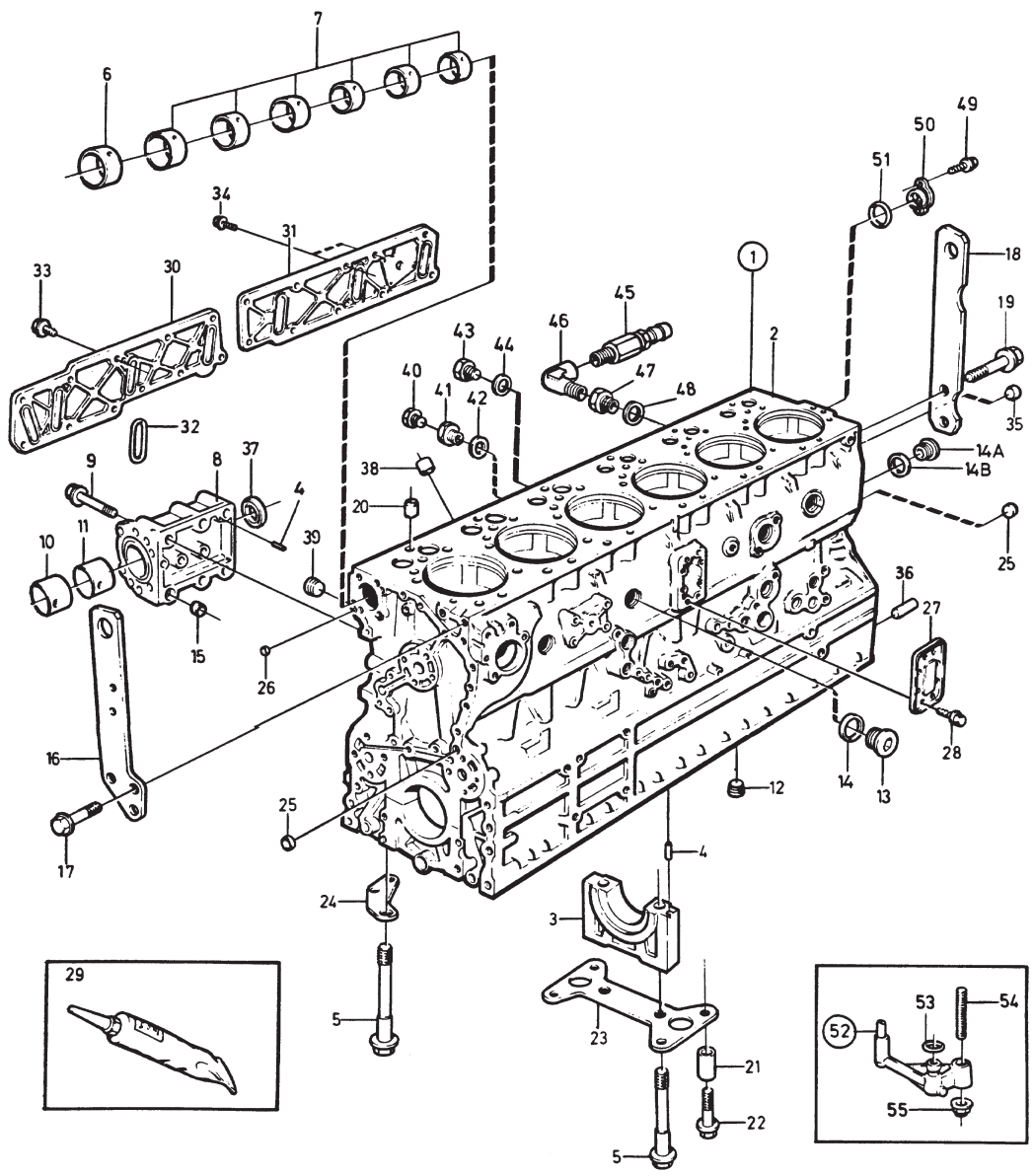
1) 2) SN-2160017139
3) SN2160017140-L=25mm
L=60mm
L=35mm
L=35mm
D=17,5mm4) SN-2160012628
SN2160012629-

- 1) For TAD1630G, TAD1630GE, TAD1631G, TAD1631GE, 1pc cover plate 85077436 should be used together with one of the kits that include 85055499
- 2) Only for closed crankcase ventilation.
- 3) Not for closed crankcase ventilation.
- 4) Replaced by 1pc 85077618 and 1pc 85077624.

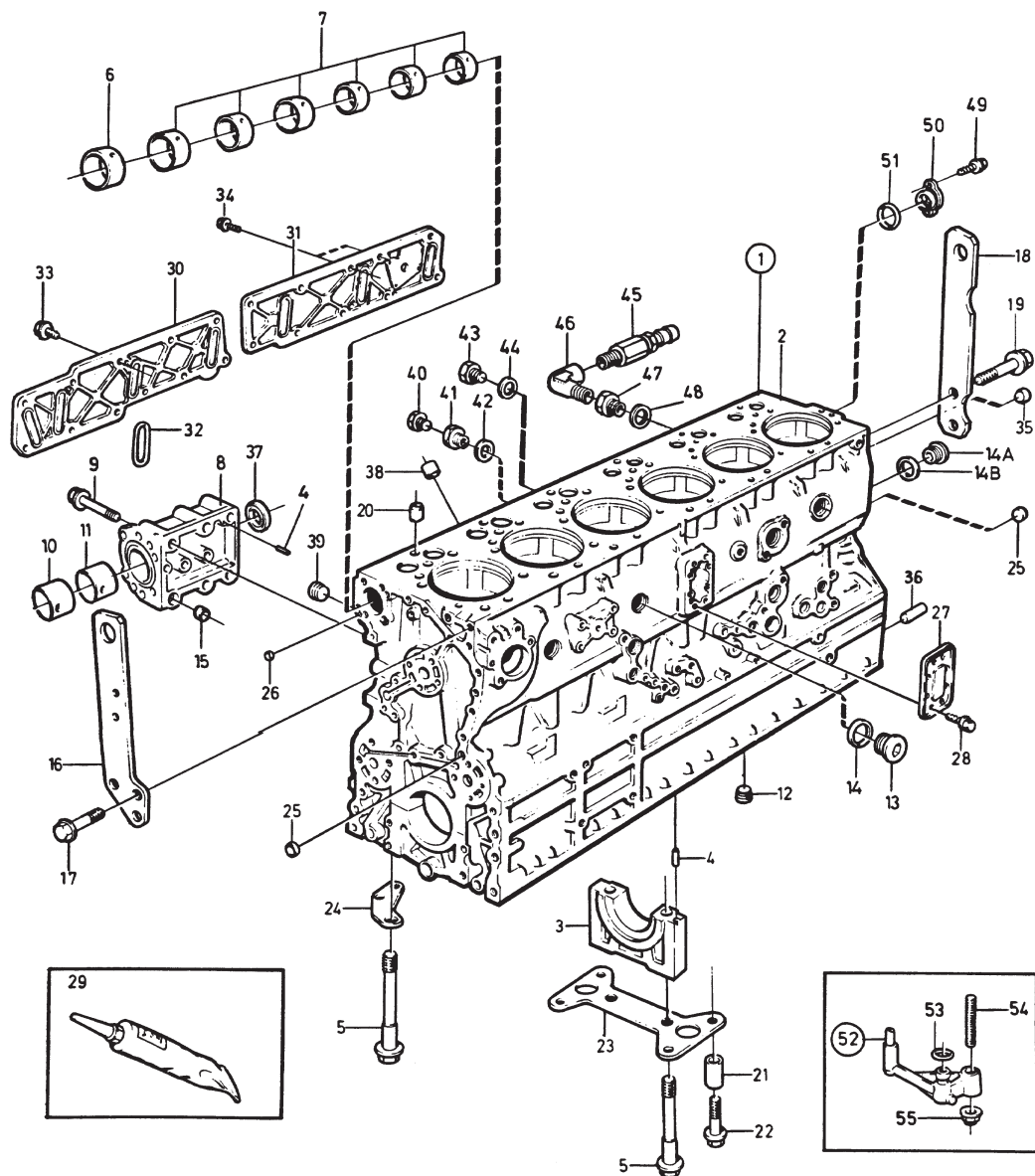


Cylinder Block					Cylinderblock					Group Grupp		
TWD1620G, TWD1630G, TAD1630G, TAD1630GE												21
A TWD1620G					B TWD1630G					C TAD1630G, TAD1630GE		
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning					
		A	B	C								
49	85054526	6	-	6	Stud, L=50mm	Pinnskruv, L=50mm	1) SN-2160012628 2) SN2160012629-					
	85077626	6	6	6	Stud, L=40mm	Pinnskruv, L=40mm						
50	85467322	6	6	6	Lock nut	Låsmutter	SEE GROUP 30					
51		1	1	1								

1) For 85054518
2) For 85077618

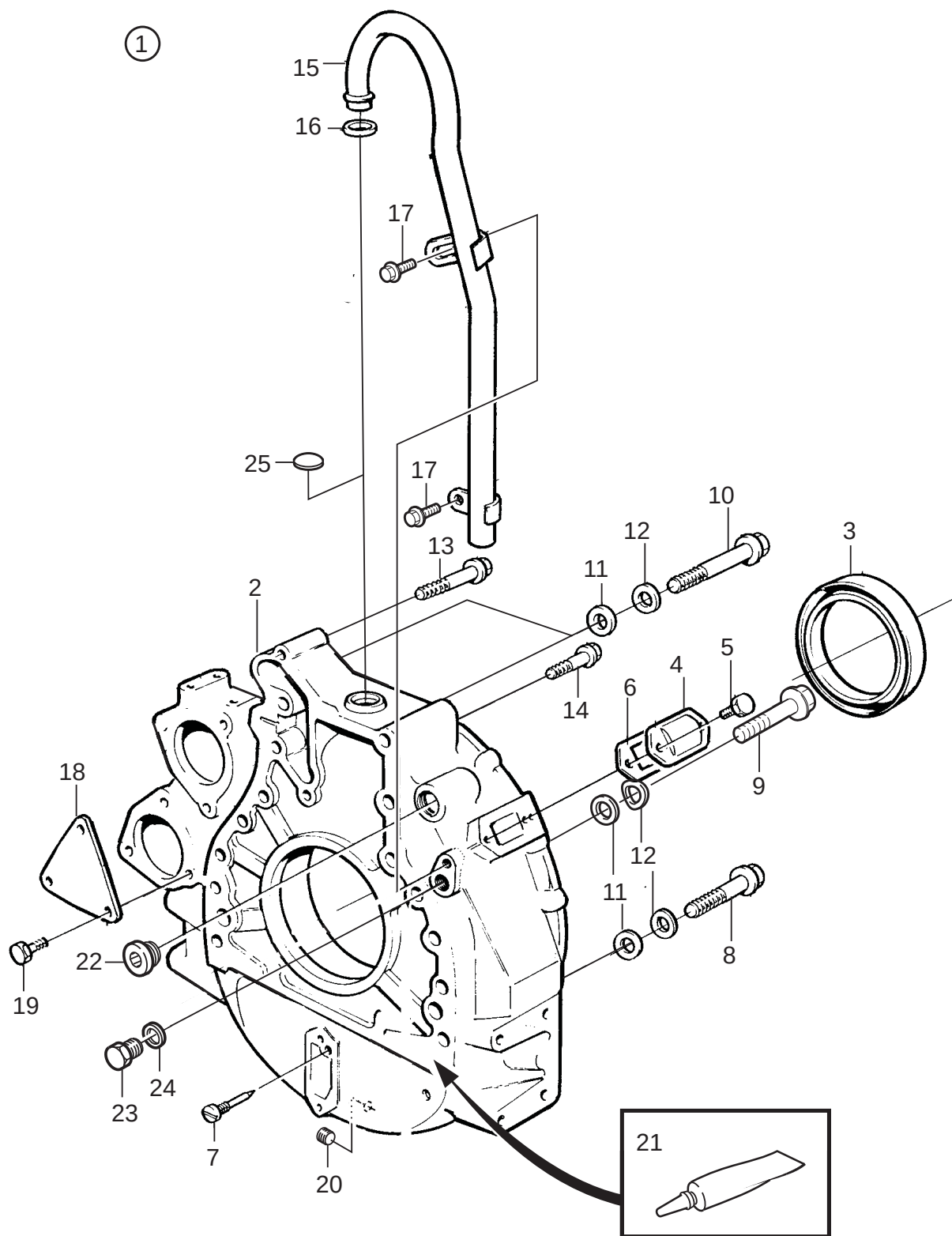


Cylinder Block				Cylinderblock				Group Grupp		
TAD1631G, TAD1631GE										21
A					B				C	
Ref	Part No	Quantity/Antal			Description	Benämning	Notes/Anmärkning			
pos	Artikel nr	A	B	C						
1	85077659	1	-	-	Cylinder block	Cylinderblock	L=60mm L=100mm			
2		1	-	-	• Cylinder block	• Cylinderblock				
3		7	-	-	• Main bearing cap	• Ramlageröverfall				
4	85455558	8	-	-	• Pin	• Pinne				
5	85076297	14	-	-	• Flange screw	• Flänsskruv				
6	85077667	1	-	-	• Bushing, front	• Bussning, främre				
7	85077675	6	-	-	• Bushing	• Bussning				
8		1	-	-	• Bearing housing	• Lagerhus				
9	85075638	4	-	-	• Flange screw	• Flänsskruv				
	85075646	1	-	-	• Flange screw	• Flänsskruv	L=60mm L=100mm			
	85075653	1	-	-	• Flange screw	• Flänsskruv				
10	85077493	1	-	-	• Bushing, front	• Bussning, främre				
11	85077501	1	-	-	• Bushing, rear	• Bussning, bakre				
12	85467751	1	-	-	• Plug, 1 NPTF	• Propp, 1 NPTF				
13	85456200	3	-	-	• Plug	• Propp				
14	85077808	3	-	-	• Gasket	• Packning				
14A	85072809	1	-	-	• Plug	• Propp				
14B	85456747	1	-	-	• Gasket	• Packning				
15	85076719	1	-	-	• Guide sleeve	• Styrhylsa	D=14,5mm D=10,5mm			
16		1	-	-	Lifting iron, front	Lyftjärn, främre				
17	85469609	3	-	-	Screw	Skruv				
18		1	-	-	Lifting iron, rear	Lyftjärn, bakre				
19	85075133	2	-	-	Flange screw	Flänsskruv				
20	85076719	6	-	-	Guide sleeve, cylinder head	Styrhylsa, cylinderlock head				
21	85076768	28	-	-	Spacer sleeve	Distanshylsa				
22	85469617	28	-	-	Screw	Skruv				
23	85077774	5	-	-	Stiffening plate	Förstyvningsplåt				
24	85076578	4	-	-	Stiffening plate	Förstyvningsplåt	304ml 10g			
25	85467967	2	-	-	Cap plug	Hattplugg				
26	85059509	1	-	-	Cap plug	Hattplugg				
27	85076586	1	-	-	Cover	Lock				
28	85075042	8	-	-	Screw	Skruv				
29	85450260	X	-	-	Sealant	Tättningsmedel				
	85075992	X	-	-	Sealant	Tättningsmedel				
30	85076370	1	-	-	Cover plate	Lucka				
31	85077436	1	-	-	Cover plate, crankhouse vent.	Lucka, vevhusvent.	L=25mm L=60mm			
32	85456879	7	-	-	Sealing ring	Tättningsring				
33	85466878	15	-	-	Flange screw	Flänsskruv				
	85469492	3	-	-	Flange screw	Flänsskruv				
		2	-	-	Screw, crankhouse vent.	Skruv, vevhusvent.				
34	85467058	2	-	-	Flange screw	Flänsskruv				
35	85467066	1	-	-	Cap plug	Hattplugg				
36	85451888	2	-	-	Pin, flywheel casing	Pinne, svänghjulskåpa				
37	85077204	1	-	-	Sealing ring	Tättningsring	SEE PAGE 61 M16			
38		1	-	-	Guide sleeve, fuel inj. pump	Styrhylsa, insprutningspump				
39	85075091	1	-	-	Plug	Propp				
40	85458578	1	-	-	Plug	Propp				
41	85455285	1	-	-	Reduction nipple	Reducernippel				
42	85467207	1	-	-	Gasket	Packning				
43	85469138	1	-	-	Plug	Propp				
44	85467207	1	-	-	Gasket	Packning				
45	85467199	1	-	-	Cock	Kran	L=35mm D=17,5mm			
46	85075760	1	-	-	Elbow nipple	V-nippel				
47	85467330	1	-	-	Nipple	Nippel				
48	85467355	1	-	-	Washer	Bricka				
49	85466936	2	-	-	Flange screw	Flänsskruv				
50	85076107	1	-	-	Cover	Lock				
51	85075224	1	-	-	O-ring	O-ring				
52	85077618	6	-	-	Jet, piston cooling	Munstycke, kolvkylning				
53	85468734	6	-	-	• O-ring	• O-ring				



15821

Cylinder Block					Cylinderblock					Group Grupp	
TAD1631G, TAD1631GE										21	
A					B					C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning				
		A	B	C							
54	85077626	6	-	-	Stud.	Pinnskruv					
55	85467322	6	-	-	Lock nut	Låsmutter					



Flywheel Housing and Crankcase Ventilation, SN-2160017139

Svänghjulskåpa och vevhusventilation, SN-2160017139

Group
Grupp

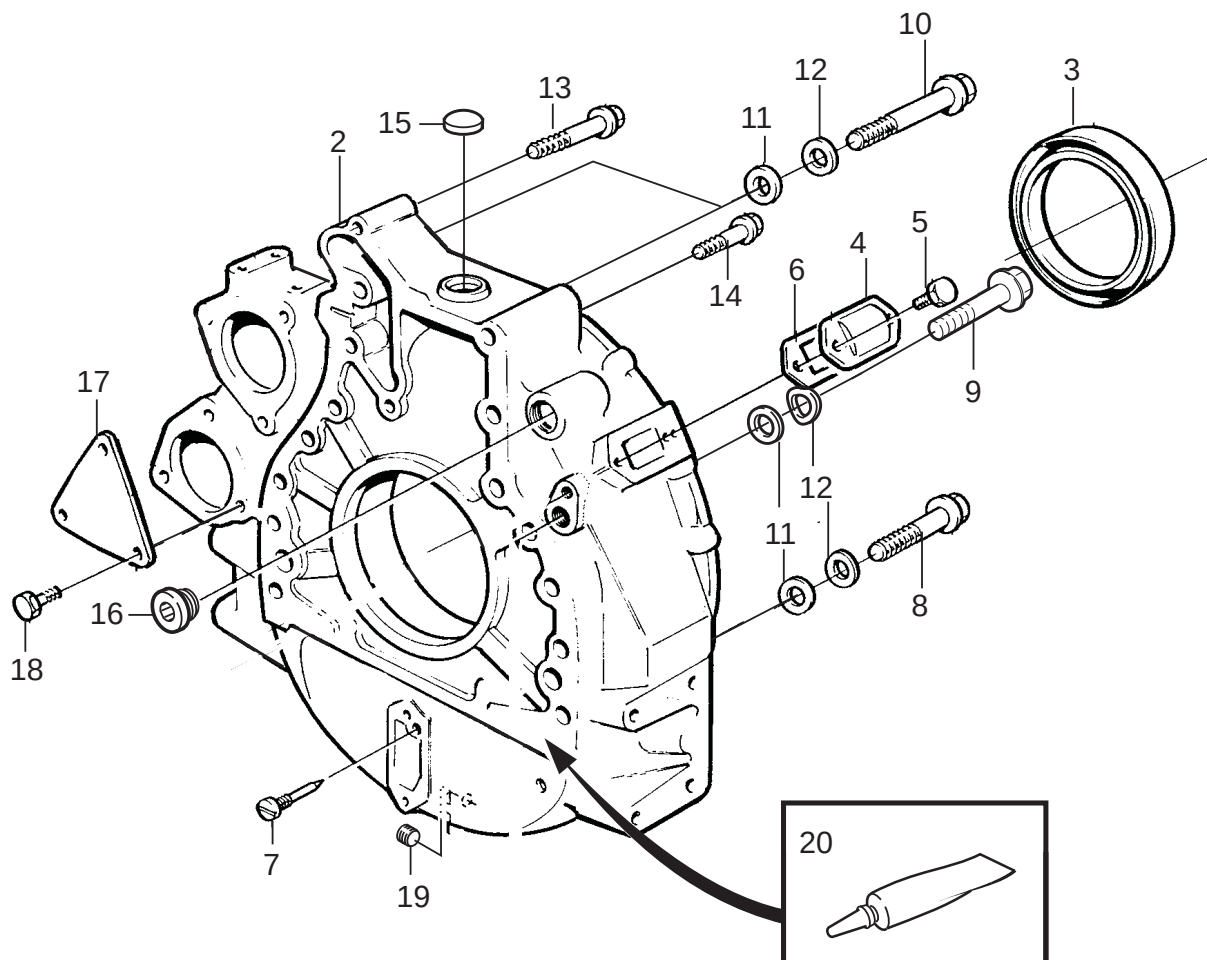
21

TWD1620G, TWD1630G, TAD1630G

A				B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
1	85073062	1	-	-	Flywheel housing	Svänghjulskåpa	1)
2		1	-	-	• Flywheel housing	• Svänghjulskåpa	2)
3	85076883	1	-	-	• Sealing ring	• Tätningsring	
4	85071801	2	-	-	Cover	Lock	
5	85467116	4	-	-	Flange screw	Flänsskruv	
6	85071876	2	-	-	Gasket	Packning	
7	85076206	1	-	-	Setting indicator	Inställningsvisare	
8	85075455	2	-	-	Screw	Skruv	
9	85075430	10	-	-	Screw	Skruv	
10	85075463	2	-	-	Screw	Skruv	
11	85468676	14	-	-	Washer	Bricka	
12	85466415	14	-	-	Spring washer	Fjädrande bricka	
13	85469500	1	-	-	Screw	Skruv	
14	85073179	1	-	-	Screw	Skruv	
15	85462158	1	-	-	Breather pipe	Ventilationsrör	
16	85455244	1	-	-	Sealing ring	Tätningsring	
17	85466977	2	-	-	Flange screw	Flänsskruv	
18	85461119	1	-	-	Cover	Lock	
19	85468999	3	-	-	Hex. socket screw	Insexskruv	
20	85075125	1	-	-	Plug	Propp	
21	85450260	X	-	-	Sealant	Tätningsmedel	304ml
	85075992	X	-	-	Sealant	Tätningsmedel	10g
22	85466200	1	-	-	Plug	Propp	
23	85451714	1	-	-	Plug	Propp	
24	85451268	1	-	-	Gasket	Packning	
25	85467975	1	-	-	Plug	Plugg	SO 2)

- 1) Replaced by 1pc 85054534 flywheel housing and 1pc 85076883 sealing ring.
2) When breather pipe for crankcase is to be attached, knock out plug 85467975.

①



Flywheel Housing, SN2160017140-**Svänghjulskåpa,
SN2160017140-**Group
GruppTWD1630G, TAD1630G, TAD1630GE, TAD1631G,
TAD1631GE**21**

A TWD1630G				B TAD1630G, TAD1630GE, TAD1631G, TAD1631GE		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description Benämning	Notes/Anmärkning	
		A	B	C			
1		1	-	-	Flywheel housing	Svänghjulskåpa	
2	85073070	1	1	-	• Flywheel housing	• Svänghjulskåpa	(85054534)
3	85076883	1	1	-	• Sealing ring	• Tätningssring	
4	85071801	2	2	-	Cover	Lock	
5	85467116	4	4	-	Flange screw	Flänsskruv	
6	85071876	2	2	-	Gasket	Packning	
7	85076206	1	1	-	Setting indicator	Inställningsvisare	(85054542)
8	85075455	2	2	-	Screw	Skruv	L=80mm
9	85075430	10	10	-	Screw	Skruv	L=70mm
10	85075463	2	2	-	Screw	Skruv	L=110mm
11	85468676	14	14	-	Washer	Bricka	
12	85466415	14	14	-	Spring washer	Fjädrande bricka	
13	85469500	1	1	-	Screw	Skruv	L=70mm
14	85073179	1	1	-	Screw	Skruv	L=80mm
15	85467975	-	1	-	Plug	Plugg	SO
16	85462158	1	-	-	Breather pipe	Ventilationsrör	
16	85466200	1	1	-	Plug	Propp	
17	85461119	1	1	-	Cover	Lock	
18	85468999	3	3	-	Hex. socket screw	Insexskruv	
19	85075125	1	1	-	Plug	Propp	
20	85450260	X	X	-	Sealant	Tätningssmedel	304ml
	85075992	X	X	-	Sealant	Tätningssmedel	10g
21	85451714	1	1	-	Plug	Propp	
22	85451268	1	1	-	Gasket	Packning	

Timing Gear Casing and Gears

Transmissionskåpa och transmissionsdrev

Group
GruppTWD1620G, TWD1630G, TAD1630G, TAD1630GE,
TAD1631G, TAD1631GE

21

A TWD1620G, TWD1630G, TAD1630G, TAD1630GE					B TAD1631G, TAD1631GE		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
		A	B	C				
1	85076438	1	-	-	Timing gear casing	Transmissionskåpa		
	85079952	-	1	-	Timing gear casing	Transmissionskåpa		
2	85075828	1	1	-	Screw	Skruv		
3	85075810	18	14	-	Screw	Skruv		
4	85469146	2	2	-	Plug	Propp		
5	85467215	2	2	-	Gasket.	Packning.		
6A		1	-	-	Gasket.	Packning.		
6B	85075992	X	X	-	Sealant	Tättningsmedel		REPL BY 85075992
	85450260	X	X	-	Sealant	Tättningsmedel		10g
7	85460822	1	1	-	Timing gear cover	Transmissionslock		304ml
8	85079770	1	1	-	Sealing ring	Tättningsring		
9	85460897	1	1	-	Guide sleeve	Styrhylsa		
10	85466993	5	5	-	Flange screw.	Flänsskruv		L=35mm
11	85073179	13	13	-	Screw	Skruv		L=40mm
12	85469518	2	2	-	Flange screw.	Flänsskruv		L=80mm
13	85467272	-	4	-	Flange screw.	Flänsskruv		L=80mm
14	85466415	7	7	-	Spring washer.	Fjädrande bricka		
14A	85075417	2	2	-	Screw	Skruv		L=130mm
14B	85075489	5	5	-	Screw	Skruv		L=150mm
15	85456275	1	1	-	Cover, hydraulic pump	Lock, hydraulpump		
16	85456283	1	1	-	Sealing ring	Tättningsring		
17	85466951	2	2	-	Screw	Skruv		(85054559)
18	85455087	2	2	-	Cover	Lock	1)	
19	85075679	2	2	-	O-ring	O-ring	1)	
20	85057842	2	2	-	Flange screw.	Flänsskruv	1)	
21	85057859	2	2	-	Screw	Skruv	1)	
22	85466415	2	2	-	Spring washer.	Fjädrande bricka	1)	
23	85075562	2	2	-	Nut	Mutter	1)	
24	85076891	1	1	-	Idler gear, upper	Mellanhjul, övre		
25	85076958	2	2	-	Idler gear.	Mellanhjul		
26	85076925	3	3	-	Bearing shield	Lagersköld	2) 3)	TH=5,5mm
	85076925	2	2	-	Bearing shield	Lagersköld	4)	TH=5,5mm
27	85077691	1	1	-	Bearing shield, idler	Lagersköld,	4)	TH=7mm
					gear-fuel inj pump	mellanhjul-insp.pump		
28	85076776	3	3	-	Spindle	Axeltapp		
29	85076594	3	3	-	• Pin	• Tapp		
30	85465797	3	3	-	• Lock ring	• Låsring		
31	85076602	3	3	-	Thrust washer	Tryckbricka		
32	85076917	3	3	-	Thrust washer	Tryckbricka		
33	85457521	12	12	-	Screw	Skruv		
34	85462877	1	-	-	Nozzle, cylinder block	Munstycke, cylinder block.		
	85079978	-	1	-	Jet, cylinder block	Munstycke, cylinder block.		
35	85461184	1	1	-	Tube	Rör	1)	
36	85076016	1	1	-	Gasket.	Packning.		
37	85455368	1	1	-	Oil filler cap	Oljepåfyllningslock		
	85079473	1	1	-	Oil filler cap	Oljepåfyllningslock		Plastic
38	85467983	1	1	-	• Screw	• Skruv		
39	85464345	1	1	-	Pipe, oil filling	Rör, oljepåfyllning	5)	
40	85057842	2	2	-	Flange screw.	Flänsskruv	5)	
41	85057859	1	1	-	Screw	Skruv	5)	
42	85466415	1	1	-	Spring washer	Fjädrande bricka	5)	
43		1	1	-	Tachometer sensor	Varvtalsgivare		SEE PAGE 225
44		2	2	-	Gasket.	Packning.		SEE PAGE 225

REPL BY 85075992
10g
304mlL=35mm
L=40mm
L=80mm
L=80mmL=130mm
L=150mm(85054559)
1)

1)

1)

1)

1)

2) 3) TH=5,5mm
4) TH=5,5mm
4) TH=7mm

1)

Plastic

5)

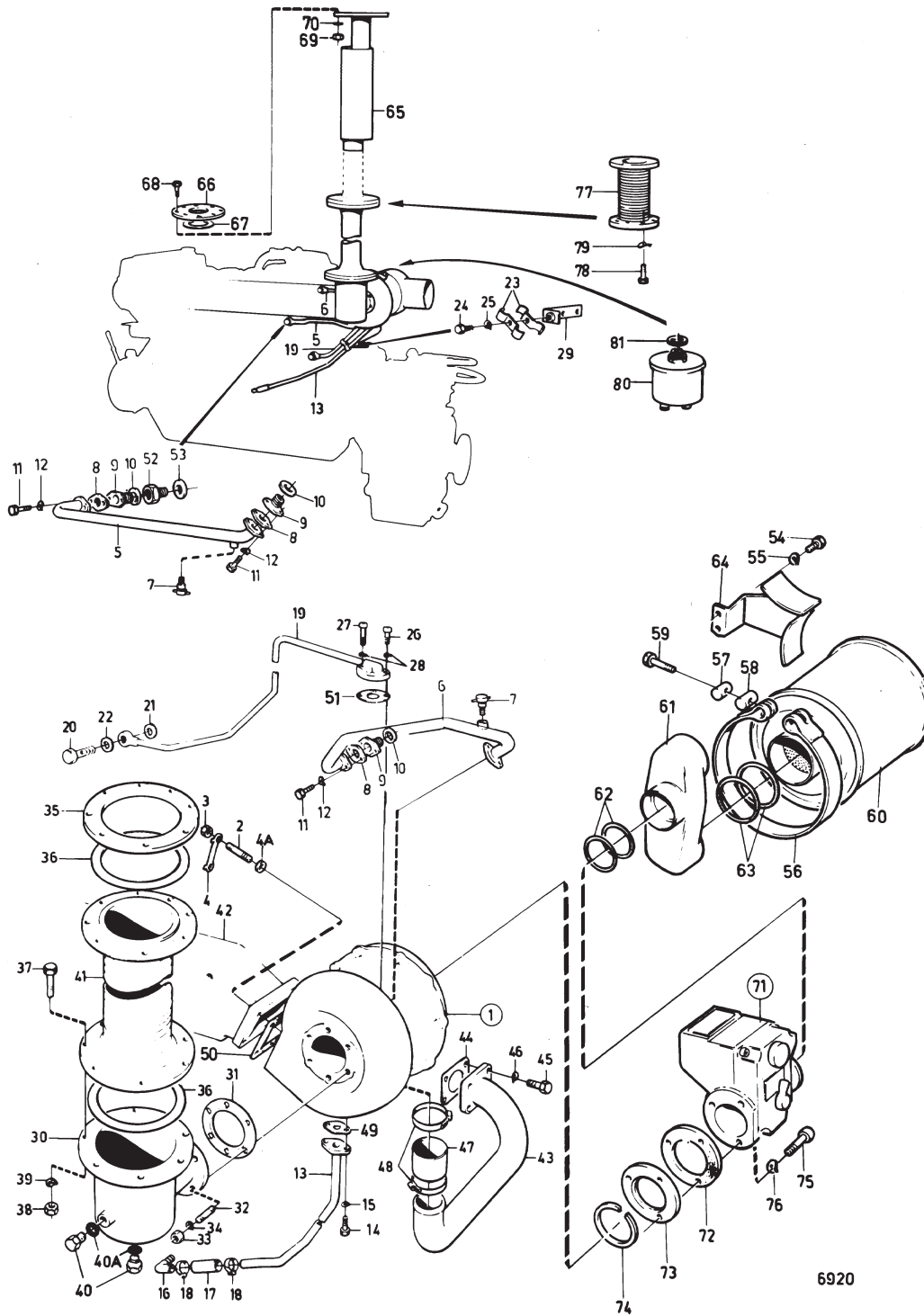
5)

5)

5)

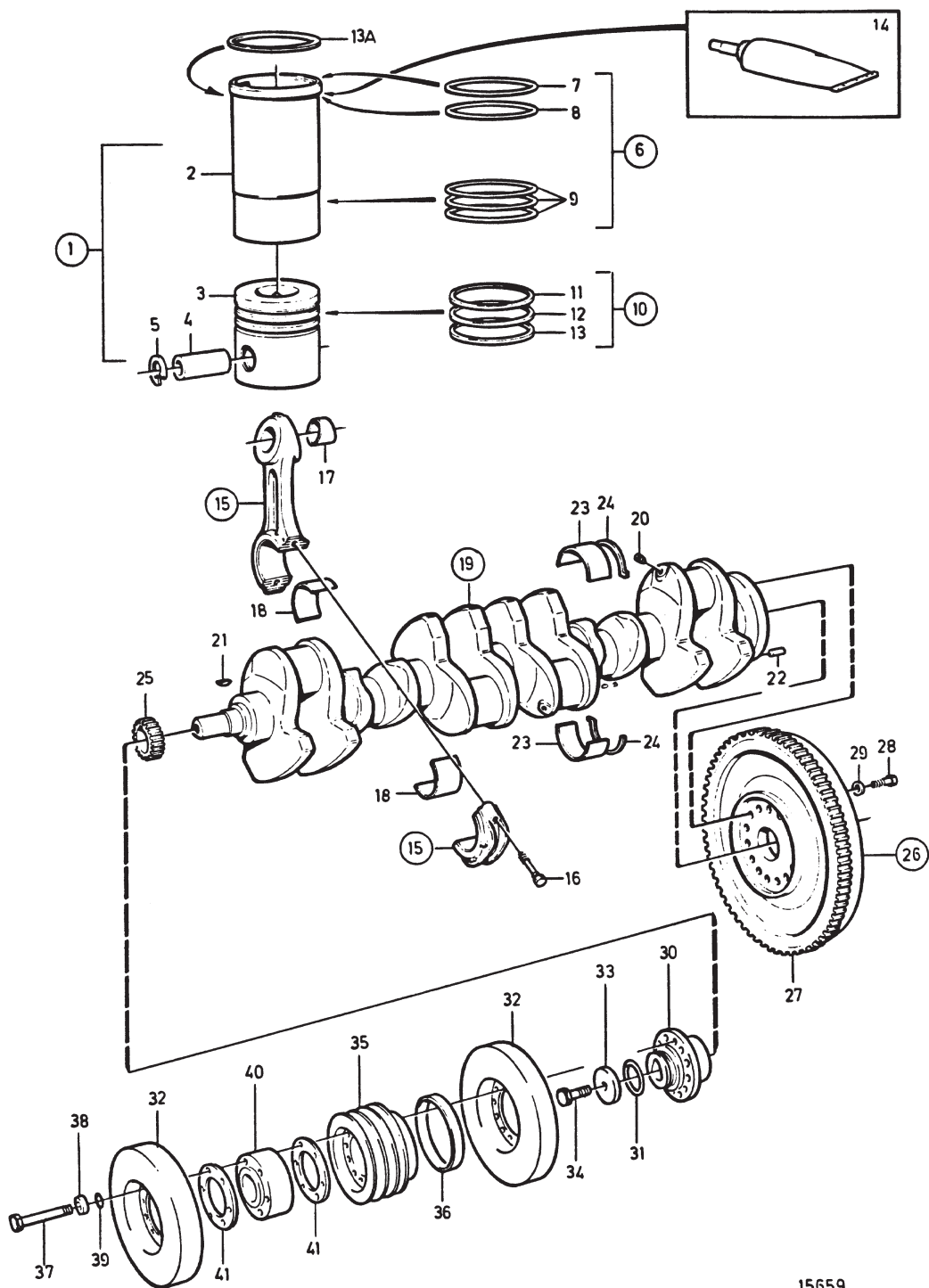
SEE PAGE 225
SEE PAGE 225

- 1) For engines without air compressor.
 2) Always use bearing shield 85077691 at the idler gear-fuel inj pump.
 3) SN-2160014650
 4) SN2160014651-
 5) For engines equipped with an air compressor.



Camshaft**Kamaxel**Group
Grupp**21**TWD1620G, TWD1630G, TAD1630G, TAD1630GE,
TAD1631G, TAD1631GE

A					B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
		A	B	C				
1	85076727	1	-	-	Camshaft.	Kamaxel		
2	85467652	1	-	-	• Pin	• Pinne		
3		7	-	-	Bushing, cylinder block	Bussning, cylinder block		
4	85076784	1	-	-	Axial bearing	Axiallager		
5	85467041	3	-	-	Flange screw.	Flänsskruv		
6	85076909	1	-	-	Gear	Kugghjul		
7	85469708	3	-	-	Flange screw.	Flänsskruv		
8	85077832	12	-	-	Tappet.	Ventillyftare		
9	85057867	12	-	-	Push rod	Tryckstång		



Crank Mechanism

Vevmekanism

Group
GruppTWD1630G, TAD1630G, TAD1630GE, TAD1631G,
TAD1631GE**21**

A SN-2160022233				B SN2160022234-		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
1	85451102	6	-	-	Cylinder liner kit	Cylinderfodersats	1) 2) SN-2160022233
	85070670	1	-	-	Conversion kit	Ombyggnadssats	2) 3)
2		-	6	-	Cylinder liner kit	Cylinderfodersats	4) 2) SN2160022234-
3		6	6	-	• Cylinder liner	• Cylinderfoder	
		6	-	-	• Piston	• Kolv	
		-	6	-	• Piston	• Kolv	
4	85077824	6	-	-	• Gudgeon pin	• Kolvtapp	2) (85054757) L=120mm
	85077816	-	6	-	• Gudgeon pin	• Kolvtapp	4) 2) (85077592) L=115mm
5	85465839	12	12	-	• Retaining ring	• Spärring	
6	85454619	6	6	-	• Sealing ring kit	• Tätningningsringsats	
7	85054567	6	6	-	• Sealing ring	• Tätningningsring	
8		6	6	-	• Sealing ring	• Tätningningsring	
9		18	18	-	• Sealing ring	• Tätningningsring	
10	85070894	6	-	-	• Piston ring kit	• Kolvringsats	2) SN-2160022233
	85465573	-	6	-	• Piston ring kit	• Kolvringsats	4) 2) SN2160022234-
11		6	6	-	• Compression ring	• Kompressionsring	
12		6	6	-	• Compression ring	• Kompressionsring	
13		6	6	-	• Oil ring	• Oljering	
13A	85054575	X	X	-	Shim	Justerbleck	TH=0,20mm
	85054583	X	X	-	Shim	Justerbleck	TH=0,30mm
	85054591	X	X	-	Shim	Justerbleck	TH=0,50mm
14	85075992	X	X	-	Sealant	Tätningningsmedel	10g
15	85054609	6	-	-	Connecting rod	Vevstake	2) SN-2160022233
	85077444	-	6	-	Connecting rod	Vevstake	4) 2) SN2160022234-
16	85054617	12	12	-	• Screw	• Skruv	
17	85054625	6	-	-	• Bushing	• Bussning	FOR 85054609
	85054633	-	6	-	• Bushing	• Bussning	FOR 85077444
18	85450963	6	6	-	Big end bearing kit	Vevstakslagersats	STD D
	85454544	6	6	-	Big end bearing kit	Vevstakslagersats	
	85454551	6	6	-	Big end bearing kit	Vevstakslagersats	0,50 mm U.S
	85454569	6	6	-	Big end bearing kit	Vevstakslagersats	0,75mm U.S
19	85054641	1	1	-	Crankshaft	Vevaxel	
20	85075802	6	6	-	• Plug	• Propp	
21	85455483	1	1	-	• Woodruff key	• Woodruffkil	
22	85054658	1	1	-	• Pin	• Pinne	
23	85450955	7	7	-	Main bearing kit	Ramlagersats	STD D
	85454536	7	7	-	Main bearing kit	Ramlagersats	0,25mm U.S
	85454510	7	7	-	Main bearing kit	Ramlagersats	0,50mm U.S
	85454528	7	7	-	Main bearing kit	Ramlagersats	0,75mm U.D
24	85450971	1	1	-	Thrust washer kit	Tryckbricksats	STD D
	85454571	1	1	-	Thrust washer kit	Tryckbricksats	0,10mm O.S
	85454585	1	1	-	Thrust washer kit	Tryckbricksats	0,20mm O.S
	85454593	1	1	-	Thrust washer kit	Tryckbricksats	0,30mm O.S
25	85054666	1	1	-	Gear	Kugghjul	
26	85054674	1	1	-	Flywheel	Svånghjul	(85054799)
27	85072791	1	1	-	• Gear ring	• Kuggkrans	
28	85054682	14	14	-	Screw	Skruv	
29	85054690	14	14	-	Washer	Bricka	
30	85054708	1	1	-	Hub	Nav	
31	85466866	1	1	-	O-ring	O-ring	
32	85054716	2	2	-	Vibration damper	Svängningsdämpare	
33	85455442	1	1	-	Washer	Bricka	
34	85054724	1	1	-	Screw	Skruv	
35	85054732	1	1	-	V-belt pulley	Kilremskiva	5) 3 GROOVE
36	85054740	1	1	-	• Wear ring	• Slitring	

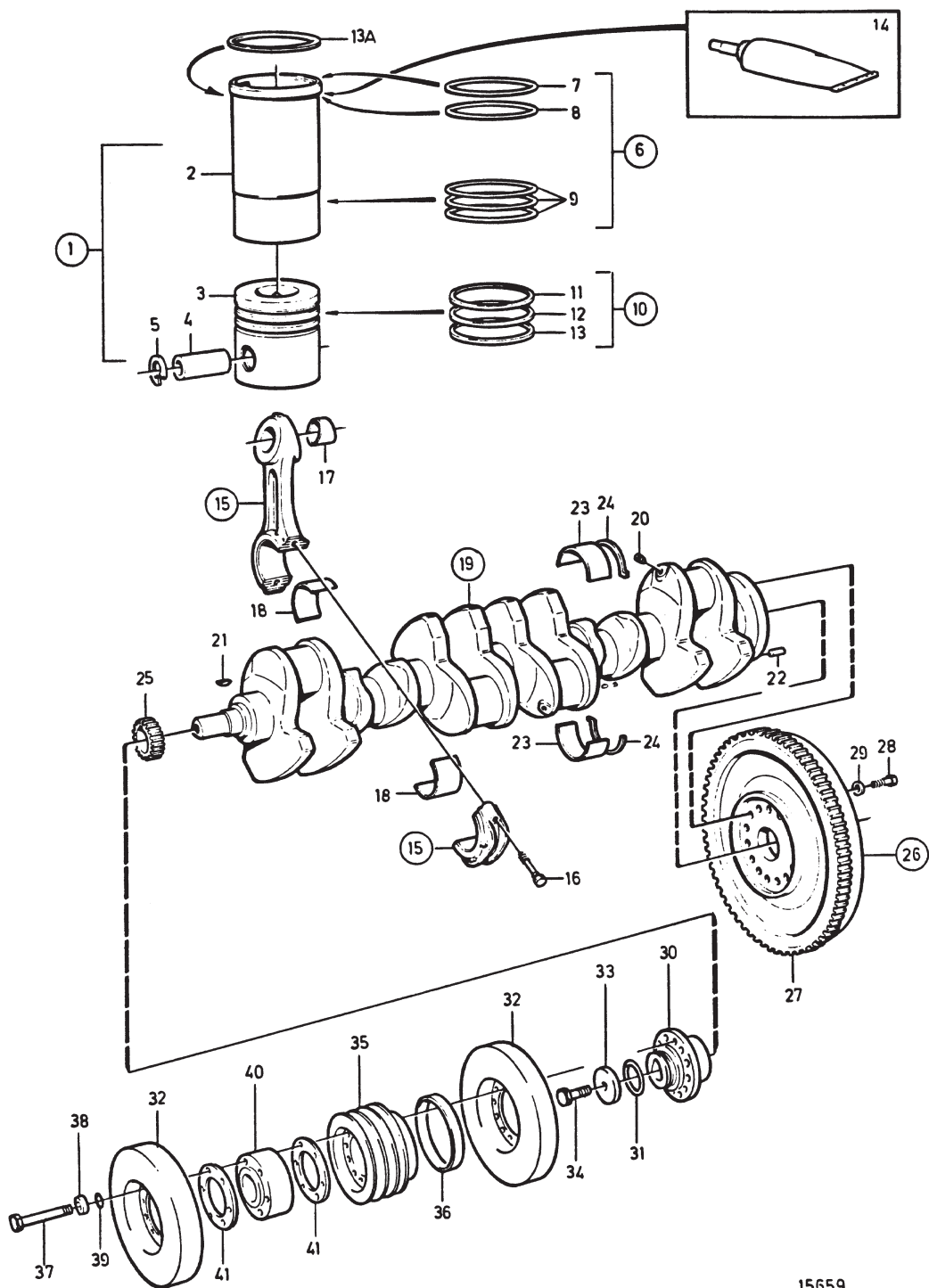
1) Replaced by conversion kit 85451102.

2) Rebuilt engines are marked with two punch marks after the serial number.

3) The kit contains 6pcs cylinderliner kits 85070670 and 6pcs connecting rods 85077444

4) Included in conversion kit 85451102.

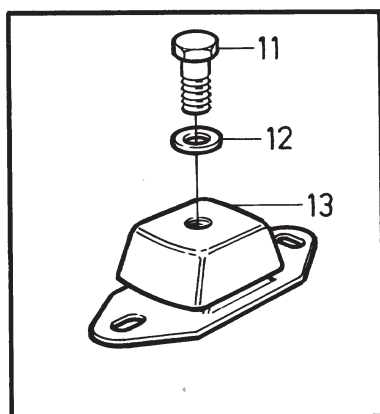
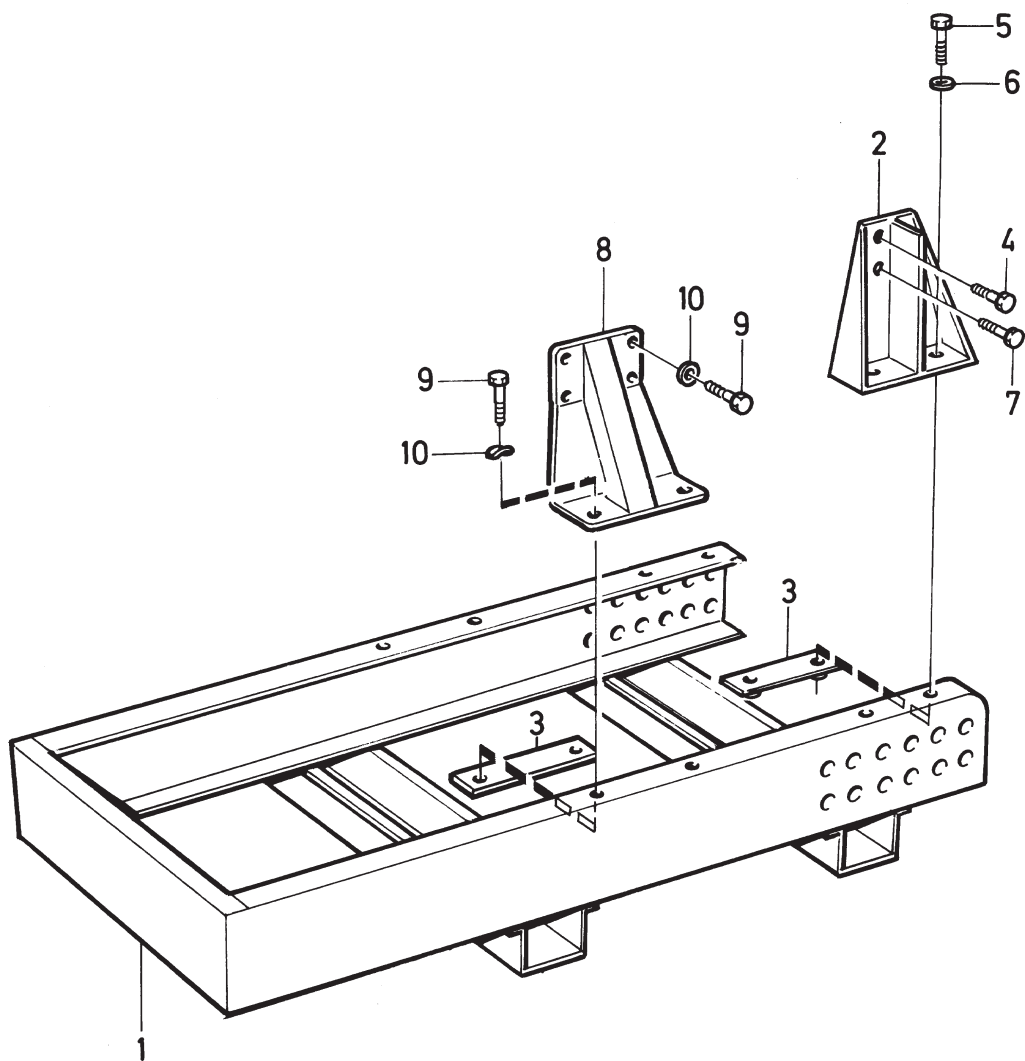
5) Earlier production of 6pc of screw is replaced by 12pc screw.



Crank Mechanism**Vevmekanism**Group
Grupp**21**TWD1630G, TAD1630G, TAD1630GE, TAD1631G,
TAD1631GE

A SN-2160022233			B SN2160022234-			C		
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
		A	B	C				
37	85054765	12	12	-	Screw	Skruv	1)	
38	85054773	12	12	-	Washer	Bricka	1)	
39	85468726	12	12	-	O-ring	O-ring	1)	
40		1	-	-	Hub	Nav	2) 1)	
	85054781	1	1	-	Hub	Nav		
41	85070431	2	2	-	Gasket	Packning	1)	

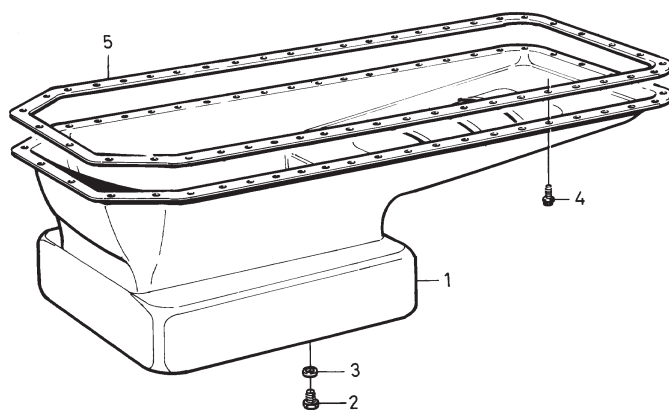
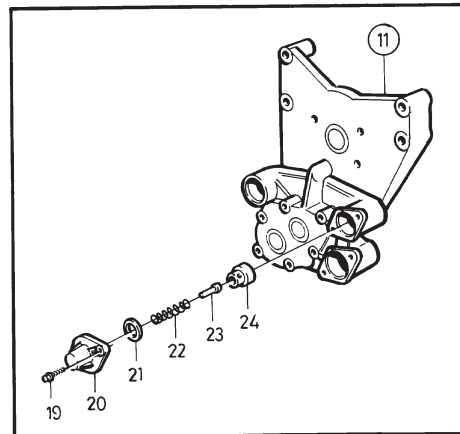
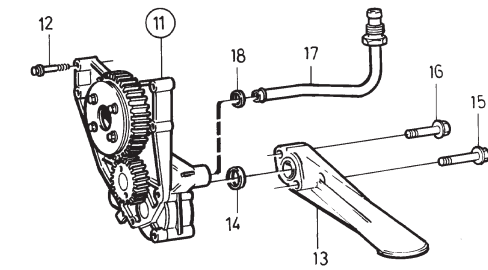
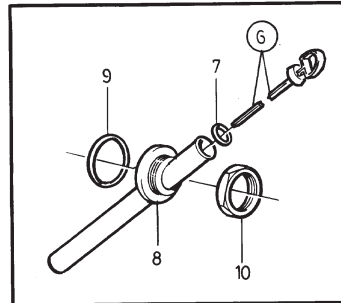
- 1) Earlier production of 6pc of screw is replaced by 12pc screw.
 2) Replaced by 1pc 85054781 hub, 1pc 85054732 pulley,
 2pcs 85070431 gasket, 6pcs 85054765 screw,
 6pcs 85054773 washer and 12pcs 85468726 o-ring.



10654

Engine Mounting**Motorupphängning**Group
GruppTWD1620G, TWD1630G, TAD1630G, TAD1630GE,
TAD1631G, TAD1631GE**21**

A					B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description Benämning	Notes/Anmärkning		
		A	B	C				
1		1	-	-	Engine suspens frame	Motorupphängningsram	REPL BY 2PCS 85054807 (85054815) OP	
2	85460814	2	-	-	Engine bracket	Motorkonsol		
3	85460830	4	-	-	Nut plate	Mutterplatta		
4	85468189	4	-	-	Screw	Skruv		
5	85468171	4	-	-	Screw	Skruv		
6	85468684	4	-	-	Washer	Bricka		
7	85468213	4	-	-	Screw	Skruv		
8	85464725	2	-	-	Engine bracket	Motorkonsol		
9	85468163	12	-	-	Screw	Skruv		
10	85468684	12	-	-	Washer	Bricka		
11	85469195	6	-	-	Screw	Skruv		
12	85465706	6	-	-	Washer	Bricka		
13	85462067	6	-	-	Rubber element	Gummielement		

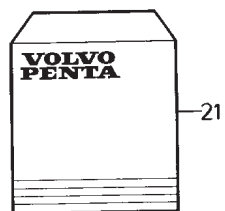
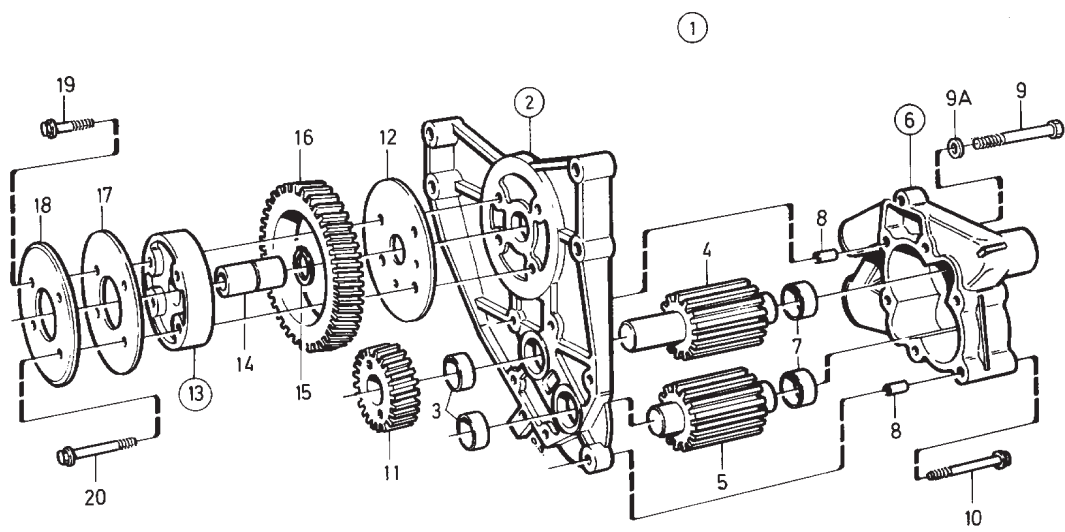


Lubricating System

Smörjsystem

Group
GruppTWD1620G, TWD1630G, TAD1630G, TAD1630GE,
TAD1631G, TAD1631GE**22**

A TWD1620G, TWD1630G, TAD1630G, TAD1630GE			B TAD1631G, TAD1631GE			C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
1	85079929	1	1	-	Sump	Oljesump	
2	85467389	1	-	-	Magnetic plug	Magnetpropp	
	85467389	-	2	-	Magnetic plug	Magnetpropp	TAD1631G, TAD1631GE
3	85451391	1	-	-	Gasket	Packning	
	85451391	-	2	-	Gasket	Packning	TAD1631G, TAD1631GE
4	85466977	44	44	-	Flange screw	Flänsskruv	
5	85463792	1	1	-	Gasket	Packning	
6	85463875	1	1	-	Oil dipstick	Oljemätsticka	
7	85465912	1	1	-	• O-ring	• Ö-ring	
8	85463867	1	1	-	Retainer	Hållare	
9	85456655	1	1	-	Sealing ring	Tättningsring	
10	85456663	1	1	-	Nut	Mutter	
11	85077378	1	1	-	Oil pump	Oljepump	REPL BY 85451060
					• Comps. see page 43	• Detaljer se sida 43	
	85451060	1	1	-	Oil pump	Oljepump	
					• Comps. see page 45	• Detaljer se sida 45	
12	85469559	4	4	-	Screw	Skruv	
13	85077030	1	1	-	Oil strainer	Oljesil	
14	85467488	1	1	-	O-ring	O-ring	
15	85469526	1	1	-	Flange screw	Flänsskruv	L=90mm
16	85469492	1	1	-	Flange screw	Flänsskruv	L=60mm
17	85077634	1	1	-	Pipe	Rör	
18	85076529	1	1	-	Sealing ring	Tättningsring	
19	85466878	2	2	-	Flange screw	Flänsskruv	
20	85076628	1	1	-	Cover	Huv	
21	85467470	1	1	-	O-ring	O-ring	
22	85076669	1	1	-	Spring	Fjäder	
23	85076636	1	1	-	Peg	Kägla	
24	85076982	1	1	-	Valve seat	Ventilsäte	



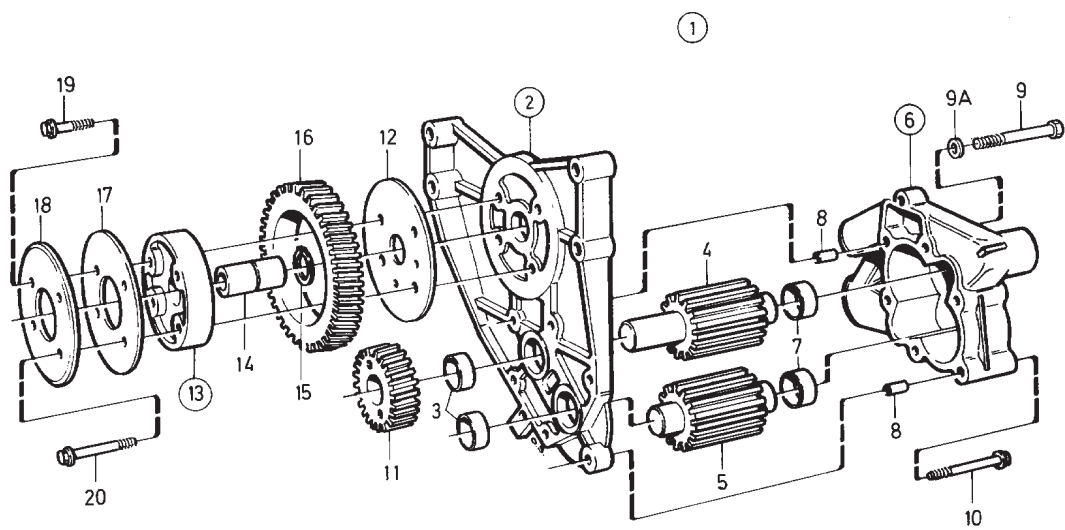
Oil Pump, Components

Oljepump, detaljer

Group
Grupp**22**

A 85077378				B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
1	85077378	1	-	-	Oil pump	Oljepump	
2	85076990	1	-	-	• Bracket	• Konsol	
3	85077022	2	-	-	• • Bushing	• • Bussning	NS 1)
4		1	-	-	• Shaft, with gear	• Axel, med kugghjul	1)
5		1	-	-	• Shaft, with gear	• Axel, med kugghjul	1)
6	85077238	1	-	-	• Oil pump housing	• Oljepumphus	SO 1)
7	85077022	2	-	-	• • Bushing	• • Bussning	NS 1)
8	85454965	2	-	-	• • Guide sleeve	• • Styrhylsa	
9	85451664	3	-	-	• Screw	• Skruv	
9A	85466381	3	-	-	• Spring washer	• Fjädrande bricka	
10	85469526	3	-	-	• Flange screw	• Flänsskruv	
11	85076339	1	-	-	• Drive gear	• Drivhjul	2) 3)
12	85076602	1	-	-	• Thrust washer	• Tryckbricka	
13	85076776	1	-	-	• Spindle	• Axeltapp	
14	85076594	1	-	-	• • Pin	• • Tapp	
15	85465797	1	-	-	• • Lock ring	• • Låsring	
16	85076321	1	-	-	• Gear	• Kugghjul	
17	85076917	1	-	-	• Thrust washer	• Tryckbricka	
18	85076925	1	-	-	• Bearing shield	• Lagersköld	
19	85469559	3	-	-	• Screw	• Skruv	
20	85469575	1	-	-	• Screw	• Skruv	
21	85454692	1	-	-	Overhaul kit	Renoveringssats	4)

- 1) Included in overhaul kit.
 2) Can only be used together with set 85454692.
 3) Can be replaced by drive gear 85077311 together with set 85454775.
 4) Can only be used together with drive gear 85076339.



Oil Pump, Components

Oljepump, detaljer

Group
Grupp**22**

A 85451060				B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
1	85451060	1	-	-	Oil pump	Oljepump	
2	85076990	1	-	-	• Bracket	• Konsol	
3	85077022	2	-	-	• • Bushing	• • Bussning	NS 1)
4		1	-	-	• Shaft, with gear	• Axel, med kugghjul	1)
5		1	-	-	• Shaft, with gear	• Axel, med kugghjul	1)
6	85077238	1	-	-	• Oil pump housing	• Oljepumphus	SO 1)
7	85077022	2	-	-	• • Bushing	• • Bussning	
8	85454965	2	-	-	• • Guide sleeve	• • Styrhylsa	
9	85451664	3	-	-	• Screw	• Skruv	
9A	85466381	3	-	-	• Spring washer	• Fjädrande bricka	
10	85469526	3	-	-	• Flange screw	• Flänsskruv	
11	85077311	1	-	-	• Drive gear	• Drivhjul	2)
12	85076602	1	-	-	• Thrust washer	• Tryckbricka	
13	85076776	1	-	-	• Spindle	• Axeltapp	
14	85076594	1	-	-	• • Pin	• • Tapp	
15	85465797	1	-	-	• • Lock ring	• • Låsring	
16	85076321	1	-	-	• Gear	• Kugghjul	
17	85076917	1	-	-	• Thrust washer	• Tryckbricka	
18	85076925	1	-	-	• Bearing shield	• Lagersköld	
19	85469559	3	-	-	• Screw	• Skruv	
20	85469575	1	-	-	• Screw	• Skruv	
21	85454775	1	-	-	Repair kit	Reparationssats	3)

1) Included in overhaul kit.

2) Can only be used together with set 85454775.

3) Can only be used together with drive gear 1556097.

Kan endast användas tillsammans med drivhjul 1556097.

Oil Filter Housing

Oljefilterhus

Group
GruppTWD1620G, TWD1630G, TAD1630G, TAD1630GE,
TAD1631G, TAD1631GE**22**

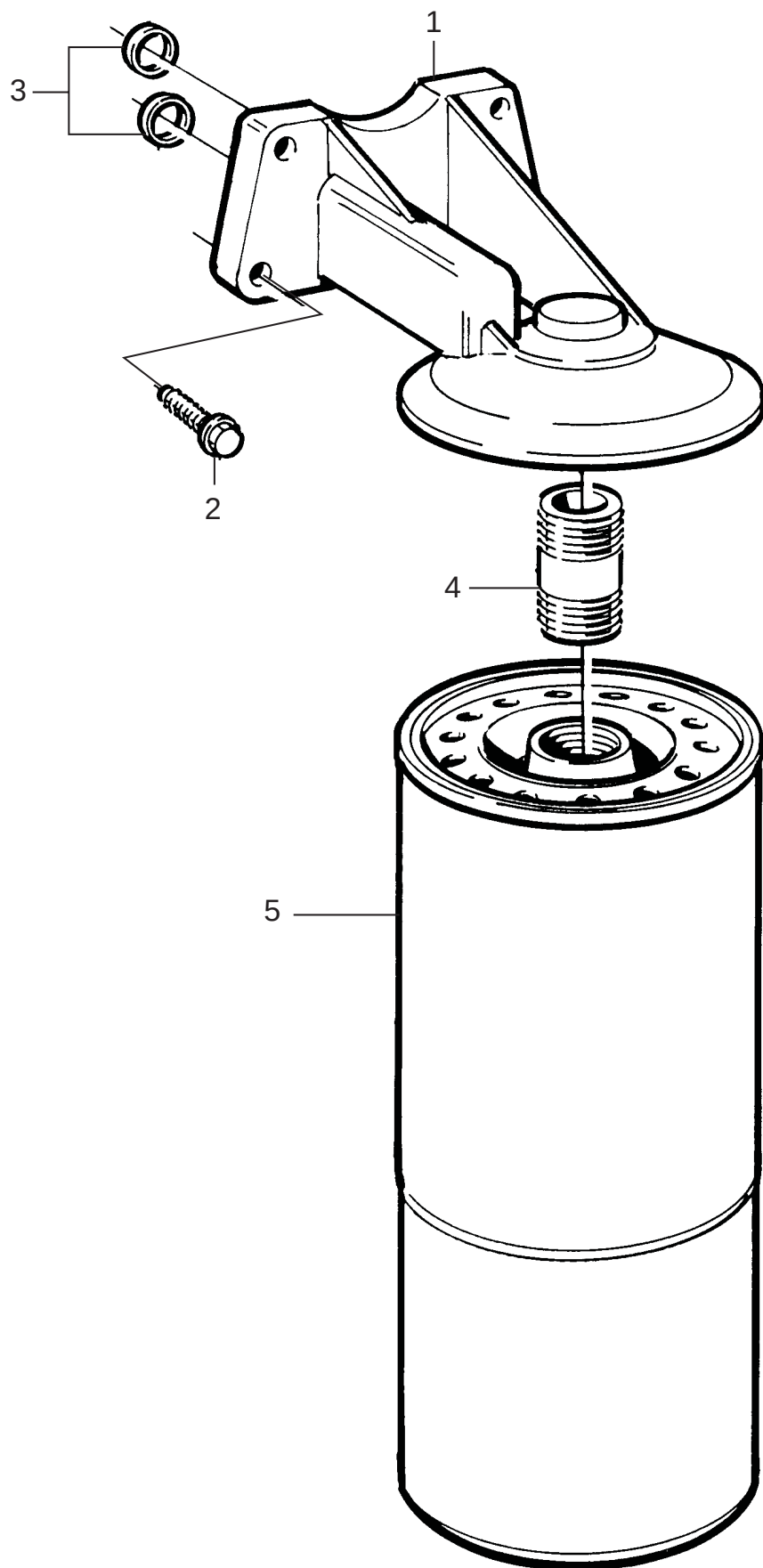
A 85076347				B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
1	85076347	1	-	-	Housing	Hus	REPL BY 85054823 L=30mm L=35mm
1A	85054823	-	-	-	Oil filter housing	Oljefilterhus	
2	85467041	3	-	-	Flange screw	Flänsskruv	
	85467009	1	-	-	Flange screw, oil	Flänsskruv, oljerör-turbo	
3	85072379	2	-	-	Sealing ring	Tätningarring	REDUCT. OIL PRESSURE
4	85072395	3	-	-	Sealing ring	Tätningarring	
5	85076248	2	-	-	Nipple	Nippel	
6	85401347	2	-	-	Oil filter	Oljefilter	
7	85076628	1	-	-	Cover	Huv	
8	85467041	2	-	-	Flange screw	Flänsskruv	
9	85076511	1	-	-	Sealing ring	Tätningarring	
10	85076644	1	-	-	Spring	Fjäder	
11	85076636	1	-	-	Peg	Kägla	
12	85076982	1	-	-	Valve seat	Ventilsäte	
13	85076131	2	-	-	Cover	Lock	PISTON COOLING OVERFLOW
14	85455860	4	-	-	Screw	Skruv	
15	85076511	2	-	-	Sealing ring	Tätningarring	
16	85076123	2	-	-	Sleeve	Hylsa	
17	85466119	1	-	-	Spring	Fjäder	
18	85466119	1	-	-	Spring	Fjäder	
19	85457323	2	-	-	Valve	Ventil	
20	85076115	2	-	-	Seat	Säte	

Oil Filter Housing

Oljefilterhus

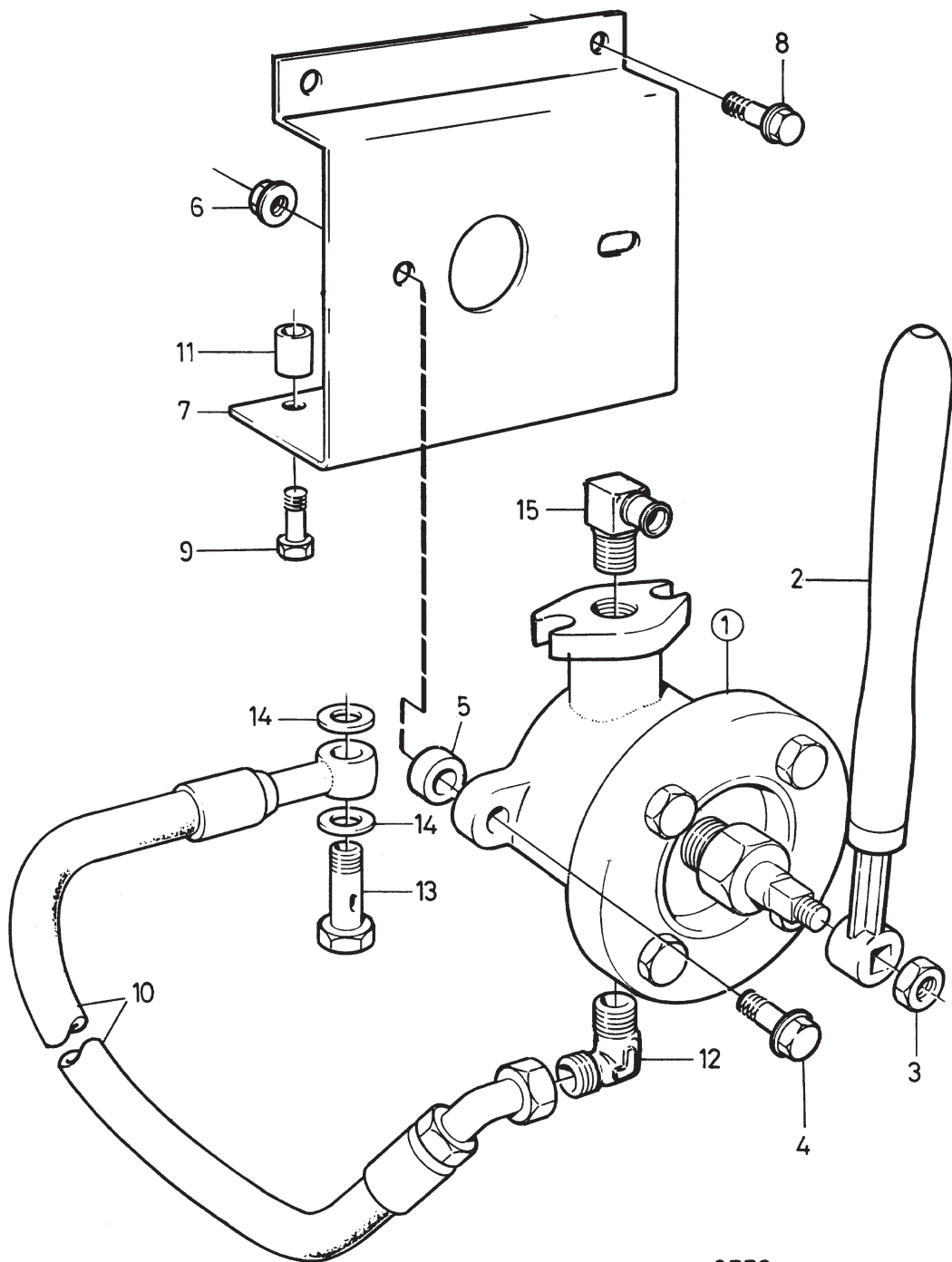
Group
GruppTWD1620G, TWD1630G, TAD1630G, TAD1630GE,
TAD1631G, TAD1631GE**22**

A 85054823				B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
1	85054823	-	-	-	Oil filter housing	Oljefilterhus	
2	85461903	1	-	-	• Gasket	• Packning	
3	85459477	1	-	-	• Cover	• Lock	
4	85467025	2	-	-	• Flange screw	• Flänsskruv	
5	85467215	1	-	-	• Gasket	• Packning	
6	85466217	1	-	-	• Nipple	• Nippel	
7	85456093	2	-	-	• Nipple	• Nippel	
8	85450583	2	-	-	Oil filter	Oljefilter	
9	85466878	1	-	-	Flange screw	Flänsskruv	L=25mm
10	85073179	2	-	-	Screw	Skruv	L=40mm
11	85467306	1	-	-	Screw, oil pipe-turbo	Skruv, oljerör-turbo	L=45mm
12	85469179	1	-	-	Washer	Bricka	
13	85072379	2	-	-	Sealing ring	Tätningssring	
14	85072395	3	-	-	Sealing ring	Tätningssring	
15	85076628	1	-	-	Cover	Huv	
16	85467041	2	-	-	Flange screw	Flänsskruv	
17	85076511	1	-	-	Sealing ring	Tätningssring	
18	85076644	1	-	-	Spring	Fjäder	REDUCTION OIL PRESS
19	85076636	1	-	-	Peg	Kägla	
20	85076982	1	-	-	Valve seat	Ventilsäte	
21	85076131	2	-	-	Cover	Lock	
22	85466860	4	-	-	Screw	Skruv	
23	85076511	2	-	-	Sealing ring	Tätningssring	
24	85076123	2	-	-	Sleeve	Hylsa	
25	85456119	1	-	-	Spring	Fjäder	OVERFLOW
26	85456119	1	-	-	Spring	Fjäder	PISTON COOLING
27	85457323	2	-	-	Valve	Ventil	
28	85076115	2	-	-	Seat	Säte	



Oil Filter, By-pass**Oljefilter, by pass**Group
Grupp**22**TWD1620G, TWD1630G, TAD1630G, TAD1630GE,
TAD1631G, TAD1631GE

A					B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
		A	B	C				
1	85076800	1	-	-	Housing	Hus		
2	85467041	4	-	-	Flange screw	Flänsskruv		
3	85076503	2	-	-	Sealing ring	Tätningssring		
4	85456937	1	-	-	Nipple	Nippel		
5	85401917	1	-	-	Oil filter	Oljefilter		



9773

Oil Bilge Pump, manual**Oljelänsnpump, manuell**Group
GruppTWD1620G, TWD1630G, TAD1630G, TAD1630GE,
TAD1631G, TAD1631GE**22**

A					B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
		A	B	C				
1	85458610	1	-	-	Oil bilge pump	Oljelänsnpump		
2	85458826	1	-	-	• Handle	• Handtag		
3	85468510	1	-	-	• Nut	• Mutter		
4	85469542	2	-	-	Flange screw	Flänsskruv		
5	85077899	2	-	-	Sleeve	Hylsa		
6	85075547	2	-	-	Nut	Mutter		
7	85460848	1	-	-	Bracket	Konsol		
8	85466977	2	-	-	Flange screw	Flänsskruv		
9	85467041	2	-	-	Flange screw	Flänsskruv		
10	85461713	1	-	-	Oil hose	Oljeslang		
11	85459162	2	-	-	Sleeve	Hylsa		
12	85468916	1	-	-	Elbow nipple	Vinkelnippel		
13	85075000	1	-	-	Hollow screw	Hålskruv		
14	85451391	2	-	-	Gasket	Packning		
15	85456226	1	-	-	Elbow nipple	Vinkelnippel		

(85054831)

Fuel System				Bränslesystem				Group Grupp	
TWD1630G								23	
A			B			C			
Ref pos	Part No Artikel nr	Quantity/Antal A B C	Description	Benämning	Notes/Anmärkning				
1	85464469	1 - -	Injection pump.	Insprutningspump.	SEE PAGE 101				
2	85079747	1 - -	• Comps. see page 69	• Detaljer se sida 69					
3	85463271	1 - -	• Governor.	• Regulator					
4	85469583	4 - -	•• Comps. see page 81	•• Detaljer se sida 81					
5	85451839	3 - -	• Feed pump	• Matarpump					
6	85458107	1 - -	•• Comps. see page 85	•• Detaljer se sida 85					
7	85075232	1 - -	Screw	Skruv					
8	85054894	1 - -	Washer	Bricka					
9	85451565	1 - -	Pressure equalizer	Tryckutjämnare					
10	85467140	2 - -	Gasket.	Packning.					
11	85467769	1 - -	Oil feed pipe	Tryckoljerör.					
12	85468791	1 - -	Hollow screw.	Hålskruv					
13	85054856	2 - -	Gasket.	Packning.					
14	85467926	1 - -	Clamp	Klamma					
15	85467934	1 - -	Screw	Skruv					
16	85054864	1 - -	Bracket	Konsol.					
17	85451565	1 - -	Cap nut	Överfallsmutter					
18	85467140	2 - -	Fitting	Kona					
19	85467769	1 - -	Oil return pipe	Returoljerör.					
20	85468791	1 - -	Hollow screw.	Hålskruv					
21	85451466	1 - -	Gasket.	Packning.					
22	85075232	2 - -	Hollow screw.	Hålskruv					
23	85451607	1 - -	Gasket.	Packning.					
24	85467199	2 - -	Leak-off line	Läckoljeledning					
25		1 - -	Hollow screw.	Hålskruv					
26	85451318	1 - -	Gasket.	Packning.					
27	85075232	1 - -	Gasket.	Packning.					
28	85075232	1 - -	Overflow valve	Överströmningsventil					
29	85451532	1 - -	Gasket.	Packning.					
30	85451292	1 - -	Fuel pipe	Bränslerör.					
31	85054872	1 - -	Fuel pipe	Bränslerör.					
32	85461218	1 - -	Hollow screw.	Hålskruv					
33	85451466	1 - -	Gasket.	Packning.					
34	85075232	2 - -	Fuel hose	Bränsleslang.					
35	85464113	2 - -	• Ferrule	• Skärring					
36	85468866	4 - -	• Nut	• Mutter					
37	85468890	4 - -	Clamp	Klamma					
38	85454981	2 - -	Screw	Skruv					
39	85468809	1 - -	Washer	Bricka					
40	85468619	1 - -	Flange nut.	Flänsmutter.					
41	85466845	1 - -	Fuel pipe	Bränslerör.					
42	85054898	1 - -	Fuel pipe	Bränslerör.					
43	85054880	1 - -	Clamp	Klammer					
44	85454999	4 - -	Screw	Skruv					
45	85468817	2 - -	Washer	Bricka					
46	85468619	2 - -	Nut	Mutter					
47	85468494	2 - -	Hollow screw.	Hålskruv					
48	85451466	4 - -	Gasket.	Packning.					
49	85075232	8 - -	Filter housing	Filterhus					
50	85457332	1 - -	Comps. see page 91	Detaljer se sida 91					
	85078418	1 - -	Filter housing	Filterhus					
	85072882	1 - -	Comps. see page 91	Detaljer se sida 91					
		1 - -	Filter housing	Filterhus					
51		1 - -	Comps. see page 91	Detaljer se sida 91					
52		1 - -	• Bleeder screw.	• Avluftningsskruv					
53	85461556	1 - -	• Gasket	• Packning.					
54	85469542	2 - -	Bracket	Konsol.					
			Flange screw.	Flänsskruv					

SEE PAGE 101

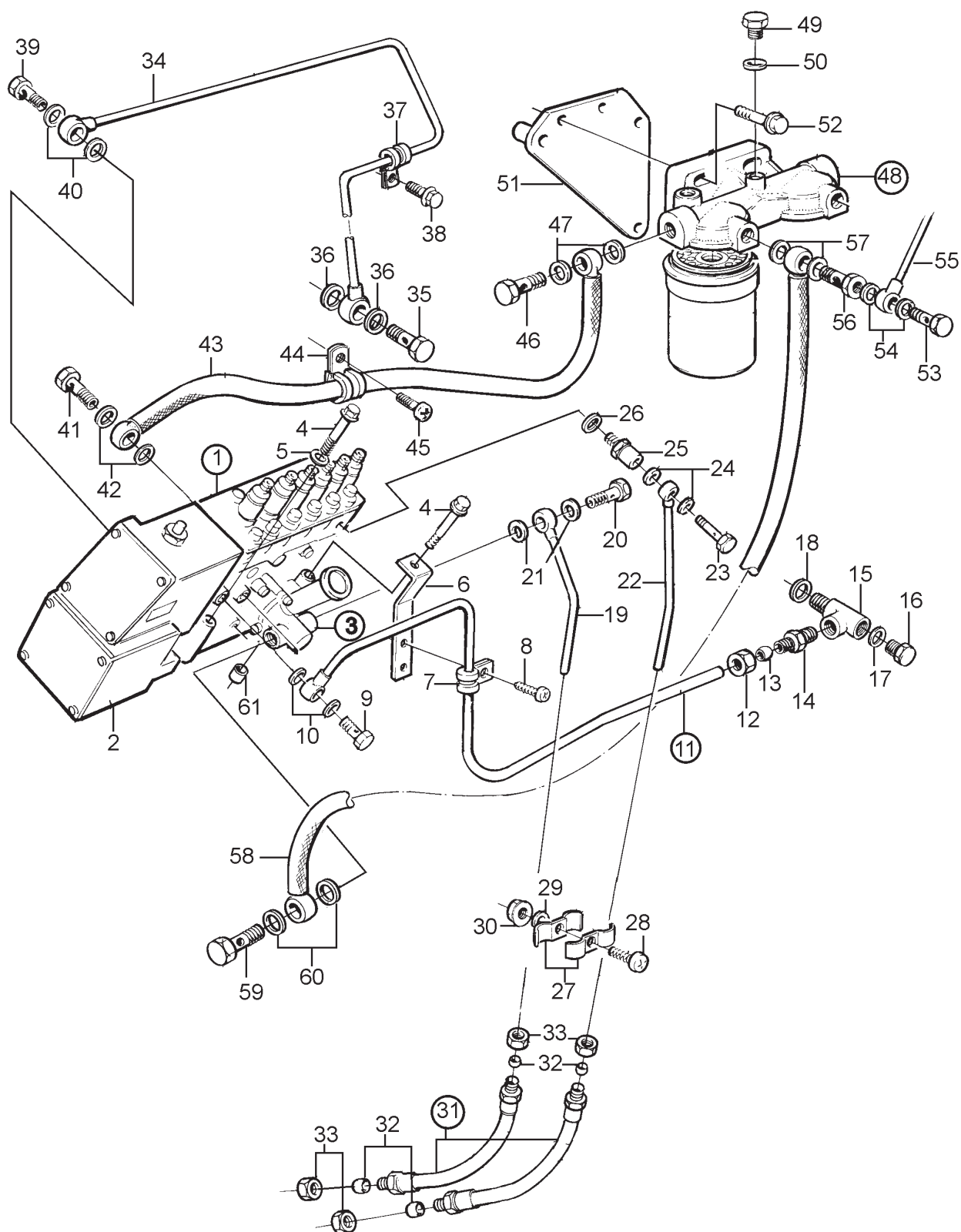
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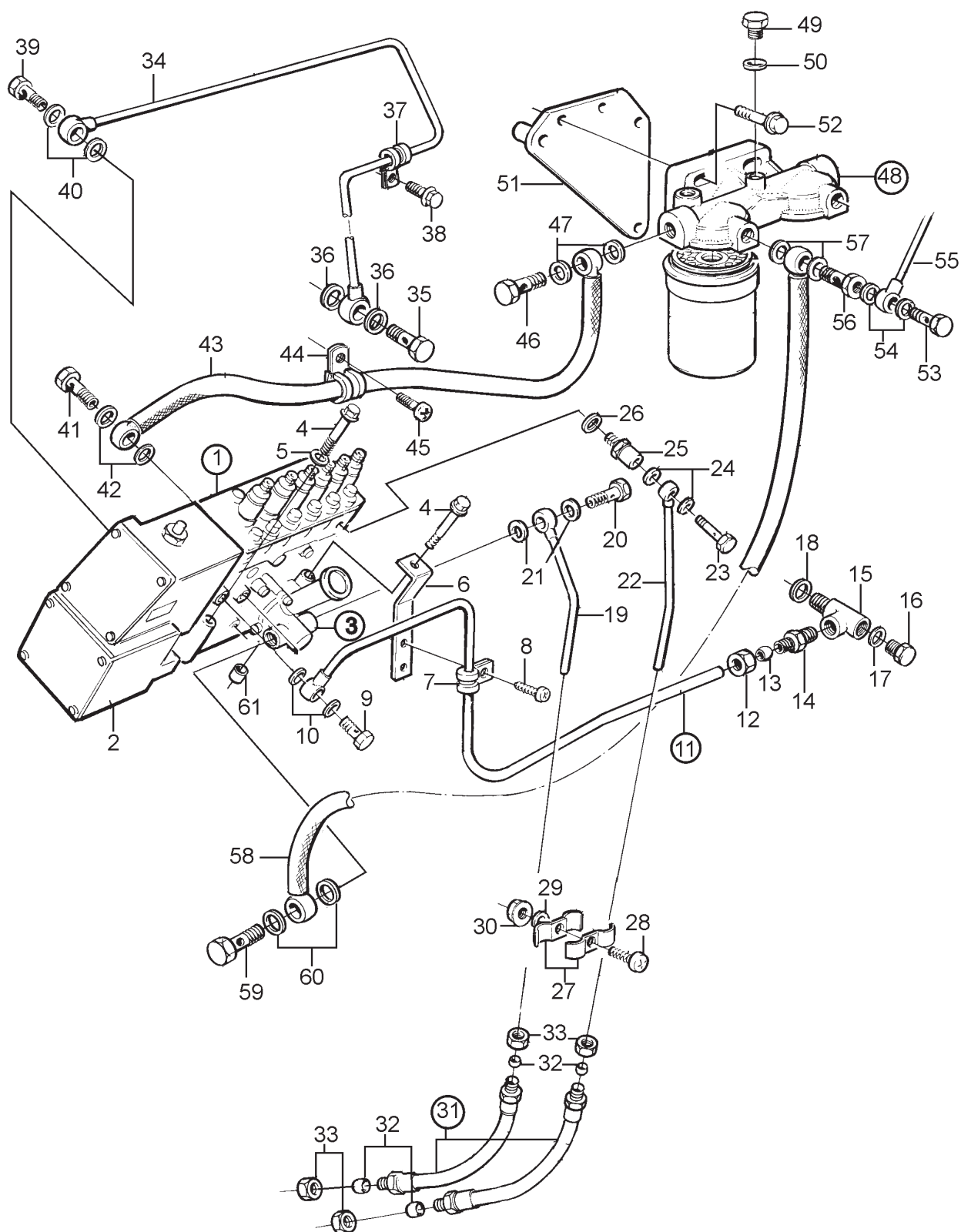
SEE PAGE 91
SEE PAGE 91

1) Replaced by filter housing 85078418 and 3pcs plug 85075083.

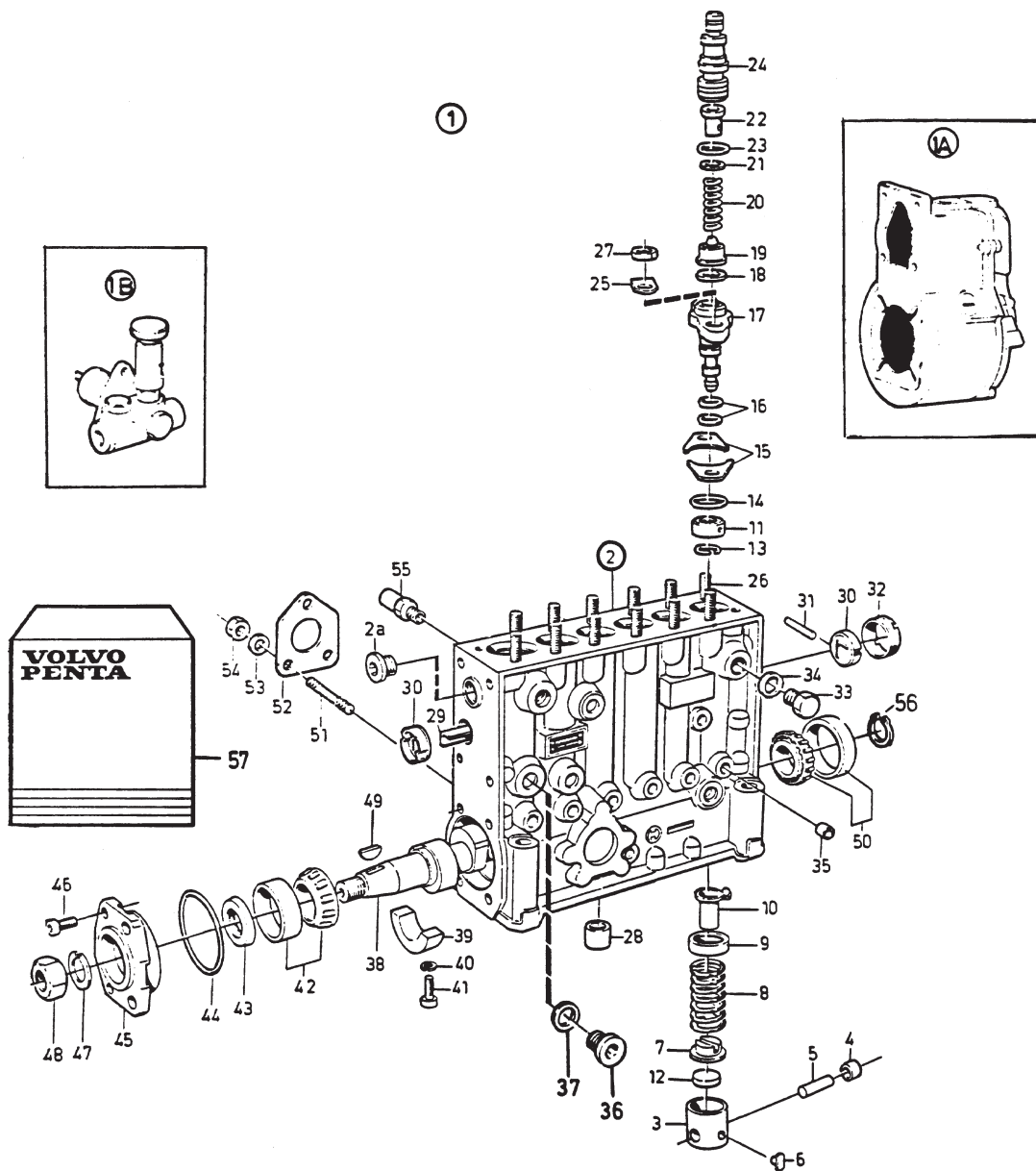
Fuel System				Bränslesystem				Group Grupp			
TAD1630G, TAD1630GE										23	
A					B					C	
Ref	Part No	Quantity/Antal			Description	Benämning	Notes/Anmärkning				
pos	Artikel nr	A	B	C							
1	85464089	1	-	-	Injection pump.	Insprutningspump.	SEE PAGE 193				
1A		1	-	-	• Comps. see page 73	• Detaljer se sida 73					
1B	85463271	1	-	-	• Actuator	• Aktuator					
					• Feed pump	• Matarpump					
					•• Comps. see page 85	•• Detaljer se sida 85					
2	85469583	4	-	-	Screw	Skruv					
3	85451839	3	-	-	Washer	Bricka					
4	85458107	1	-	-	Pressure equalizer	Tryckutjämnare					
5	85075232	1	-	-	Gasket.	Packning.					
6	85054894	1	-	-	Oil feed pipe	Tryckoljerör.					
7	85451565	1	-	-	Hollow screw.	Hålskruv					
8	85467140	2	-	-	Gasket.	Packning.					
9	85467769	1	-	-	Clamp	Klamma					
10	85468791	1	-	-	Screw	Skruv					
11	85054856	2	-	-	Bracket	Konsol.					
12	85467926	1	-	-	Cap nut	Överfallsmutter					
13	85467934	1	-	-	Fitting	Kona					
14	85054906	1	-	-	Oil return pipe	Returöljerör.					
15	85451565	1	-	-	Hollow screw.	Hålskruv					
16	85467140	2	-	-	Gasket.	Packning.					
17	85467769	1	-	-	Clamp	Klamma					
18	85468791	1	-	-	Screw	Skruv					
19	85451466	1	-	-	Hollow screw.	Hålskruv					
20	85075232	2	-	-	Gasket.	Packning.	SEE PAGE 103				
21		1	-	-	Leak-off line	Läckoljeledning.					
22	85451607	1	-	-	Hollow screw.	Hålskruv					
23	85467199	2	-	-	Gasket.	Packning.					
24	85451318	1	-	-	Hollow screw.	Hålskruv					
25	85451466	1	-	-	Hollow screw.	Hålskruv					
26	85075232	2	-	-	Gasket.	Packning.					
27	85451532	1	-	-	Overflow valve	Överströmningsventil					
27AAA	85451292	1	-	-	Gasket.	Packning.					
28	85054914	1	-	-	Fuel pipe	Bränslerör	SO				
29	85451218	1	-	-	Fuel pipe	Bränslerör					
30	85451466	1	-	-	Hollow screw.	Hålskruv					
31	85075232	2	-	-	Gasket.	Packning.					
32	85464113	2	-	-	Fuel hose	Bränsleslang.					
33	85468866	4	-	-	• Ferrule	• Skärring					
34	85468890	4	-	-	• Nut	• Mutter					
35	85454981	2	-	-	Clamp	Klamma					
36	85468809	1	-	-	Screw	Skruv					
37	85468619	1	-	-	Washer	Bricka					
38	85466845	1	-	-	Flange nut	Flänsmutter.					
39	85054930	1	-	-	Fuel pipe	Bränslerör					
40	85054922	1	-	-	Fuel pipe	Bränslerör	SO SO				
41	85454999	4	-	-	Clamp	Klammer					
42	85468817	2	-	-	Screw	Skruv					
43	85468619	2	-	-	Washer	Bricka					
44	85468494	2	-	-	Nut	Mutter					
45	85451466	3	-	-	Hollow screw.	Hålskruv					
46	85075232	8	-	-	Gasket.	Packning.					
47	85078418	1	-	-	Filter housing	Filterhus					
					• Comps. see page 91	• Detaljer se sida 91					
	85072882	1	-	-	Filter housing	Filterhus	REPL BY 85072882				
					• Comps. see page 91	• Detaljer se sida 91					
48		1	-	-	• Screw	• Skruv					
49		1	-	-	• Gasket	• Packning.	SEE PAGE 91 SEE PAGE 91				
50	85461556	1	-	-	Bracket	Konsol.					
51	85469542	2	-	-	Flange screw.	Flänsskruv					



Fuel System			Bränslesystem			Group Grupp
TAD1631G, TAD1631GE						23
A			B			C
Ref pos	Part No Artikel nr	Quantity/Antal A B C	Description	Benämning	Notes/Anmärkning	
1	85079648	1 - -	Injection pump	Insprutningspump	SEE PAGE 193	
2		1 - -	• Actuator	• Aktuator		
3	85079994	1 - -	• Feed pump	• Matarpump		
			• Comps. see page 87	• Detaljer se sida 87		
4	85469583	4 - -	Screw	Skruv		
5	85451839	3 - -	Washer	Bricka		
6	85077329	1 - -	Bracket	Konsol		
7	85467769	1 - -	Clamp	Klamma		
8	85468791	1 - -	Screw	Skruv		
9	85451565	1 - -	Hollow screw	Hålskruv		
10	85467140	2 - -	Gasket	Packning		
11	85077758	1 - -	Oil feed pipe	Tryckoljerör		
12	85467926	1 - -	• Cap nut	• Överfallsmutter		
13	85467934	1 - -	• Fitting	• Kona		
14	85075778	1 - -	T-pipe	T-rör		
15	85075786	1 - -	Elbow nipple	Vinkelnippel		
16	85469112	1 - -	Plug	Propp		
17	85073138	1 - -	Gasket	Packning		
18	85467207	1 - -	Gasket	Packning		
19	85461218	1 - -	Fuel pipe	Bränslerör		
20	85451466	1 - -	Hollow screw	Hålskruv		
21	85075232	2 - -	Gasket	Packning		
22	85070324	1 - -	Pipe	Rör		
23	85451466	1 - -	Hollow screw	Hålskruv		
24	85075232	2 - -	Gasket	Packning		
25	85073153	1 - -	Overflow valve	Överströmningsventil		
26	85451292	1 - -	Gasket	Packning		
27	85454981	2 - -	Clamp	Klamma		
28	85468809	1 - -	Screw	Skruv		
29	85468619	1 - -	Washer	Bricka		
30	85466845	1 - -	Flange nut	Flänsmutter		
31	85464113	2 - -	Fuel hose	Bränsleslang		
32	85468866	4 - -	• Ferrule	• Skärring		
33	85468890	4 - -	• Nut	• Mutter		
34	85077410	1 - -	Oil return pipe	Returöljerör		
35	85451466	1 - -	Hollow screw	Hålskruv		
36	85075232	2 - -	Gasket	Packning		
37	85467496	1 - -	Clamp	Klammer	(85054948)	
38	85466977	1 - -	Flange screw	Flänsskruv		
39	85451565	1 - -	Hollow screw	Hålskruv		
40	85467140	2 - -	Gasket	Packning		
41	85451466	1 - -	Hollow screw	Hålskruv		
42	85075232	2 - -	Gasket	Packning		
43	85458248	1 - -	Fuel pipe	Bränslerör		
44	85467504	1 - -	Clamp	Klammer		
45	85468809	1 - -	Screw	Skruv		
46	85451466	1 - -	Hollow screw	Hålskruv		
47	85075232	2 - -	Gasket	Packning		
48	85078418	1 - -	Filter housing	Filterhus	REPL BY 85072882	
			• Comps. see page 91	• Detaljer se sida 91		
	85072882	1 - -	Filter housing	Filterhus		
			• Comps. see page 91	• Detaljer se sida 91		
49		1 - -	• Screw	• Skruv	SEE PAGE 91	
50		1 - -	• Gasket	• Packning	SEE PAGE 91	
51	85461556	1 - -	Bracket	Konsol		
52	85468542	2 - -	Flange screw	Flänsskruv		
53	85451607	1 - -	Hollow screw	Hålskruv		
54	85467199	2 - -	Gasket	Packning		
55		1 - -	Leak-off line	Läckoljeledning	SEE PAGE 105	
56	85451318	1 - -	Hollow screw	Hålskruv		
57	85075232	2 - -	Gasket	Packning		
58	85077642	1 - -	Fuel pipe	Bränslerör		
59	85451466	1 - -	Hollow screw	Hålskruv		



Fuel System					Bränslesystem					Group Grupp	
TAD1631G, TAD1631GE										23	
A					B					C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning			Notes/Anmärkning		
		A	B	C							
60	85075232	2	-	-	Gasket	Packning					
61	85455020	1	-	-	Guide sleeve, cylinder block	Styrhylsa, cylinder block					



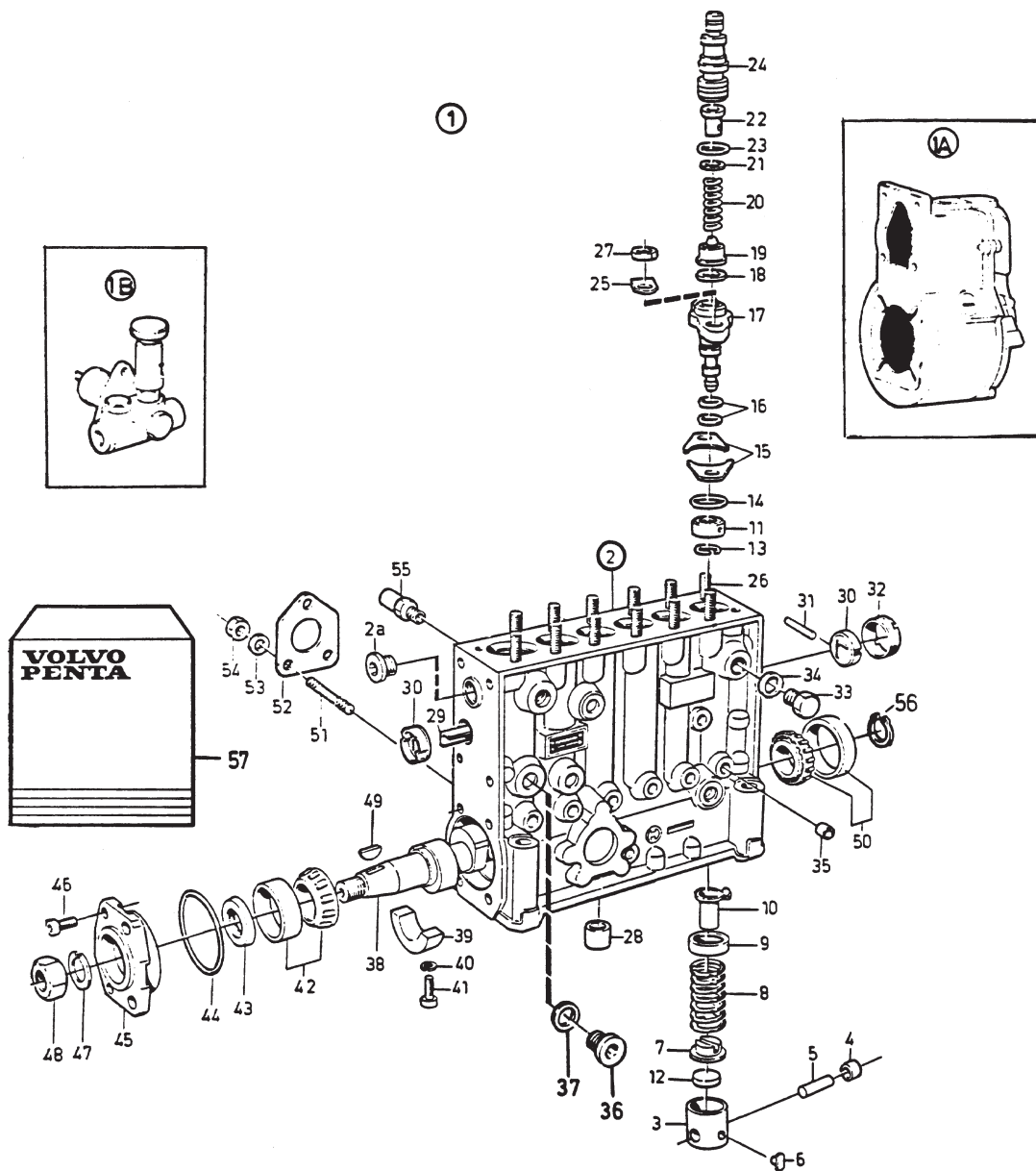
15800

Fuel Injection Pump, Components

Insprutningspump, detaljer

Group
Grupp**23**

A 85463834				B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
1	85463834	1	-	-	Injection pump.	Insprutningspump	
1A	85463289	1	-	-	• Governor	• Regulator	
					• Comps. see page 77	• Detaljer se sida 77	
1B	85463271	1	-	-	• Feed pump	• Matarpump	
					• Comps. see page 85	• Detaljer se sida 85	
2		1	-	-	• Pump housing	• Pumphus	
2A	85452621	1	-	-	• Plug	• Propp	OP
3	85462380	6	-	-	• Push rod	• Tryckstång	OP
4		6	-	-	• Bearing	• Lager	
5		6	-	-	• Shaft	• Axel	
6		6	-	-	• Locating plate	• Styrplatta	
7	85462372	6	-	-	• Spring disc	• Fjädertallrik	SO
8	85462364	6	-	-	• Compression spring	• Tryckfjäder	
9	85452340	6	-	-	• Spring disc	• Fjädertallrik	
10	85462356	6	-	-	• Sleeve	• Hylsa	
11	85462307	6	-	-	• Cap	• Kapsel	OP
12	85462398	6	-	-	• Pressure plate	• Tryckplatta	OP
13	85460582	6	-	-	• Lock ring	• Låsring	OP
14	85462315	6	-	-	• O-ring	• O-ring	
15	85459592	X	-	-	• Adjusting washer	• Justerbricka	OP TH=0,40mm
	85460186	X	-	-	• Adjusting washer	• Justerbricka	OP TH=0,45mm
	85459600	X	-	-	• Adjusting washer	• Justerbricka	OP TH=0,50mm
	85460194	X	-	-	• Adjusting washer	• Justerbricka	OP TH=0,60mm
	85459618	X	-	-	• Adjusting washer	• Justerbricka	OP TH=0,70mm
	85454288	X	-	-	• Adjusting washer	• Justerbricka	OP TH=0,75mm
	85459626	X	-	-	• Adjusting washer	• Justerbricka	OP TH=0,80 mm
	85460202	X	-	-	• Adjusting washer	• Justerbricka	OP TH=0,85mm
	85459717	X	-	-	• Adjusting washer	• Justerbricka	OP TH=0,90mm
	85454296	X	-	-	• Adjusting washer	• Justerbricka	OP TH=0,95mm
	85459634	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,00mm
	85454304	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,05mm
	85459642	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,10mm
	85454312	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,15mm
	85057875	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,20mm
	85459659	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,25mm
	85453702	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,30mm
	85460210	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,35mm
	85453710	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,40 mm
	85460228	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,45mm
	85453538	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,50mm
	85454320	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,55mm
	85453546	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,60mm
	85454338	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,65mm
	85453553	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,70mm
	85454346	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,75 mm
	85453561	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,80mm
	85453579	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,90 mm
	85453587	X	-	-	• Adjusting washer	• Justerbricka	OP TH=2,00mm
	85460236	X	-	-	• Adjusting washer	• Justerbricka	OP TH=2,10mm
	85454353	X	-	-	• Adjusting washer	• Justerbricka	OP TH=2,15mm
	85454361	X	-	-	• Adjusting washer	• Justerbricka	OP TH=2,20mm
16	85452720	12	-	-	• O-ring	• O-ring	
17	85463313	6	-	-	• Pump element	• Pumpelement	
18	85078798	6	-	-	• Washer	• Bricka	
19	85463321	6	-	-	• Delivery valve	• Tryckventil	
20	85462281	6	-	-	• Compression spring	• Tryckfjäder	
21	85453116	X	-	-	• Washer	• Bricka	TH=0,20mm
	85453124	X	-	-	• Washer	• Bricka	TH=0,50mm
22	85462273	6	-	-	• Spacer	• Distans	OP
23	85462299	6	-	-	• O-ring	• O-ring	
24	85078780	6	-	-	• Retainer	• Hållare	OP



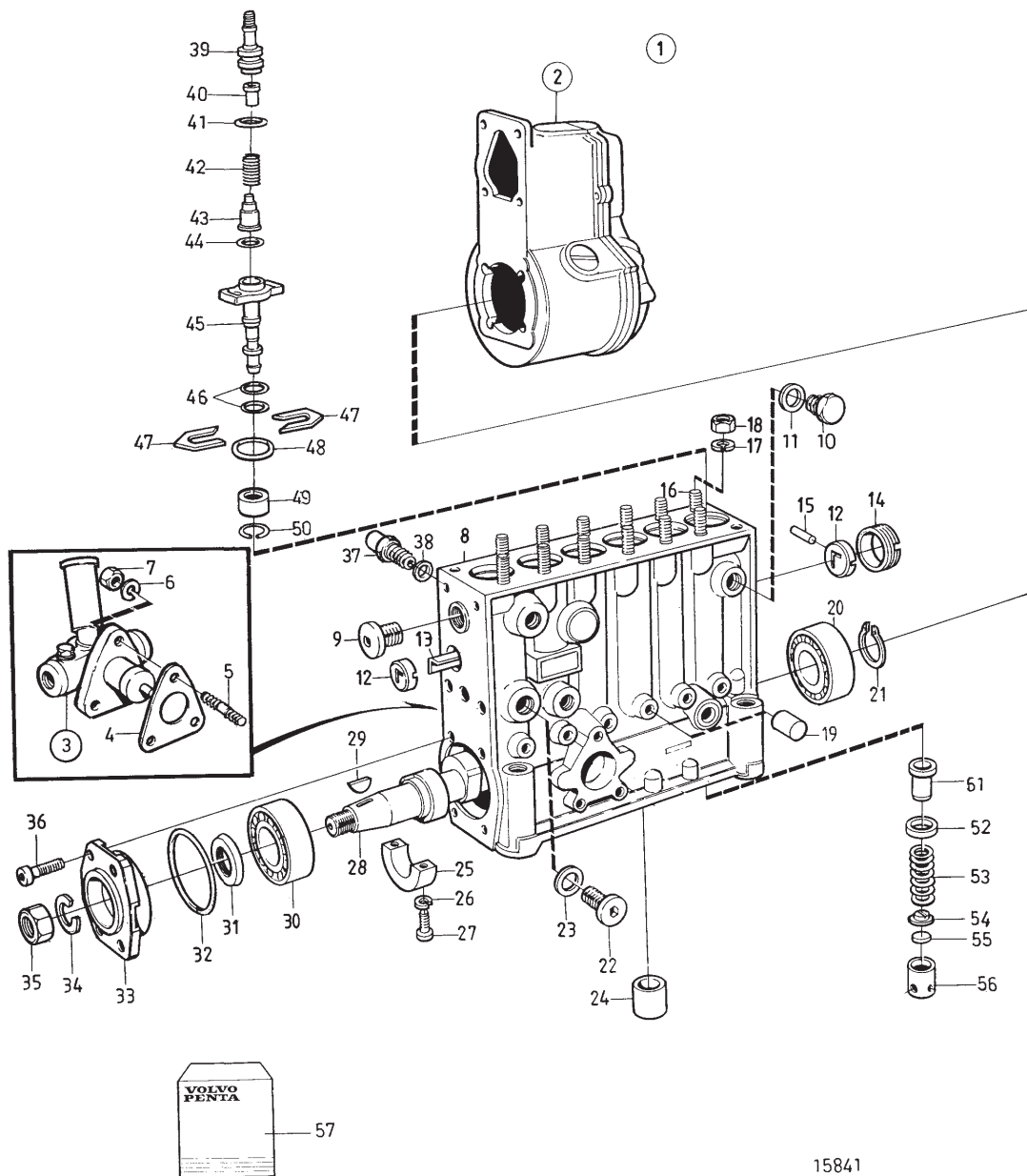
15800

Fuel Injection Pump, Components

Insprutningspump, detaljer

Group
Grupp**23**

A 85463834				B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
25	85462331	12	-	-	• Washer	• Bricka	OP
26	85462323	12	-	-	• Stud	• Pinnskruv	OP
27	85462349	12	-	-	• Nut	• Mutter	OP
28		6	-	-	• Cap	• Kapsel	
29	85453074	1	-	-	• Control rod	• Reglerstång	OP
30	85452399	2	-	-	• Guide sleeve	• Styrhylsa	OP
31	85453454	1	-	-	• Locking pin	• Låsstift	OP
32	85453751	1	-	-	• Bushing	• Bussning	OP
33	85460244	1	-	-	• Screw	• Skruv	
34	85075232	1	-	-	• Gasket	• Packning	(85452308)
35	85453488	6	-	-	• Cap	• Kapsel	OP
36	85453306	1	-	-	• Plug	• Propp	OP
37	85452415	1	-	-	• Gasket	• Packning	
38	85463339	1	-	-	• Camshaft	• Kamaxel	OP
39	85078814	1	-	-	• Bearing	• Lager	OP
40	85462414	2	-	-	• Sealing ring	• Tätningsring	OP
41	85461374	2	-	-	• Screw	• Skruv	OP
42	85462422	1	-	-	• Bearing	• Lager	OP
43	85070100	1	-	-	• Sealing ring	• Tätningsring	(85054955)
44	85462448	1	-	-	• O-ring	• O-ring	
45	85462430	1	-	-	• Bearing cover	• Lagerlock	OP
46	85462406	4	-	-	• Screw	• Skruv	OP
47	85466449	1	-	-	• Spring washer	• Fjädrande bricka	
48	85468551	1	-	-	• Nut	• Mutter	
49	85451540	1	-	-	• Key	• Kil	
50	85463495	1	-	-	• Bearing	• Lager	OP
51	85451698	3	-	-	• Stud	• Pinnskruv	
52	85072122	1	-	-	• Gasket	• Packning	(85463131)
53	85466373	3	-	-	• Spring washer	• Fjädrande bricka	
54	85466183	3	-	-	• Nut	• Mutter	
55	85451532	1	-	-	• Overflow valve	• Överströmningsventil	
56	85451557	1	-	-	• Lock ring	• Låsring	OP
57	85462455	1	-	-	Small parts kit	Smådelsats	



Fuel Injection Pump, Components

Insprutningspump, detaljer

Group
Grupp**23**

A 85464469				B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
1	85464469	1	-	-	Injection pump.	Insprutningspump.	
2	85079747	1	-	-	• Governor.	• Regulator.	
					• Comps. see page 81	• Detaljer se sida 81	
3	85463271	1	-	-	• Feed pump.	• Matarpump.	
					• Comps. see page 85	• Detaljer se sida 85	
4	85072122	1	-	-	• Gasket.	• Packning.	1)
5	85451698	3	-	-	• Stud.	• Pinnskruv.	
6	85467439	3	-	-	• Spring washer.	• Fjäderbricka.	1)
7	85466183	3	-	-	• Nut.	• Mutter.	
8		1	-	-	• Housing.	• Hus.	
9	85452621	1	-	-	• Plug.	• Propp.	OP
10	85460244	1	-	-	• Screw.	• Skruv.	
11	85075232	1	-	-	• Gasket.	• Packning.	
12	85452399	2	-	-	• Guide sleeve.	• Styrhylsa.	OP
13	85453074	1	-	-	• Control rod.	• Reglerstång.	
14	85453751	1	-	-	• Bushing.	• Bussning.	OP
15	85453454	1	-	-	• Locking pin.	• Låsstift.	OP
16		12	-	-	• Stud.	• Pinnskruv.	
17	85462331	12	-	-	• Washer.	• Bricka.	OP
18	85462349	12	-	-	• Nut.	• Mutter.	OP
19		6	-	-	• Cap.	• Kapsel.	
20		1	-	-	• Bearing.	• Lager.	
21	85465797	1	-	-	• Lock ring.	• Låsring.	
22	85453306	1	-	-	• Plug.	• Propp.	OP
23	85452415	1	-	-	• Gasket.	• Packning.	1)
24		6	-	-	• Cap.	• Kapsel.	1)
25	85078814	1	-	-	• Bearing.	• Lager.	OP
26		2	-	-	• Spacer.	• Distans.	
27		2	-	-	• Screw.	• Skruv.	
28		1	-	-	• Camshaft.	• Kamaxel.	
29	85451540	1	-	-	• Key.	• Kil.	
30	85462422	1	-	-	• Bearing.	• Lager.	OP
31	85070100	1	-	-	• Sealing ring.	• Tätningsring.	1)
32	85462448	1	-	-	• O-ring.	• O-ring.	1)
33		1	-	-	• Bearing housing.	• Lagerhus.	
34		1	-	-	• Spring washer.	• Fjäderbricka.	1)
35	85468551	1	-	-	• Nut.	• Mutter.	
36	85462406	4	-	-	• Screw.	• Skruv.	OP
37	85451532	1	-	-	• Overflow valve.	• Överströmningsventil.	
38	85075232	1	-	-	• Gasket.	• Packning.	
39	85463487	6	-	-	• Retainer.	• Hållare.	SO
40	85462273	6	-	-	• Spacer.	• Distans.	OP
41	85462299	6	-	-	• O-ring.	• O-ring.	1)
42	85462281	6	-	-	• Compression spring.	• Tryckfjäder.	
43	85463321	6	-	-	• Delivery valve.	• Tryckventil.	
44	85078798	6	-	-	• Washer.	• Bricka.	1)
45	85463313	6	-	-	• Pump element.	• Pumpelement.	
46	85452720	12	-	-	• O-ring.	• O-ring.	1)
47	85459592	X	-	-	• Adjusting washer.	• Justerbricka.	OP TH=0,40mm
	85459600	X	-	-	• Adjusting washer.	• Justerbricka.	OP TH=0,50mm
	85459618	X	-	-	• Adjusting washer.	• Justerbricka.	OP TH=0,70mm
	85454288	X	-	-	• Adjusting washer.	• Justerbricka.	OP TH=0,75mm
	85459626	X	-	-	• Adjusting washer.	• Justerbricka.	OP TH=0,80mm
	85454296	X	-	-	• Adjusting washer.	• Justerbricka.	OP TH=0,95mm
	85459634	X	-	-	• Adjusting washer.	• Justerbricka.	OP TH=1,00mm
	85454304	X	-	-	• Adjusting washer.	• Justerbricka.	OP TH=1,05mm
	85459642	X	-	-	• Adjusting washer.	• Justerbricka.	OP TH=1,10mm
	85454312	X	-	-	• Adjusting washer.	• Justerbricka.	OP TH=1,15mm
	85459659	X	-	-	• Adjusting washer.	• Justerbricka.	OP TH=1,25mm
	85453702	X	-	-	• Adjusting washer.	• Justerbricka.	OP TH=1,30mm

1) Included in small parts kit.

Inår i smådelsats.



Fuel Injection Pump, Components

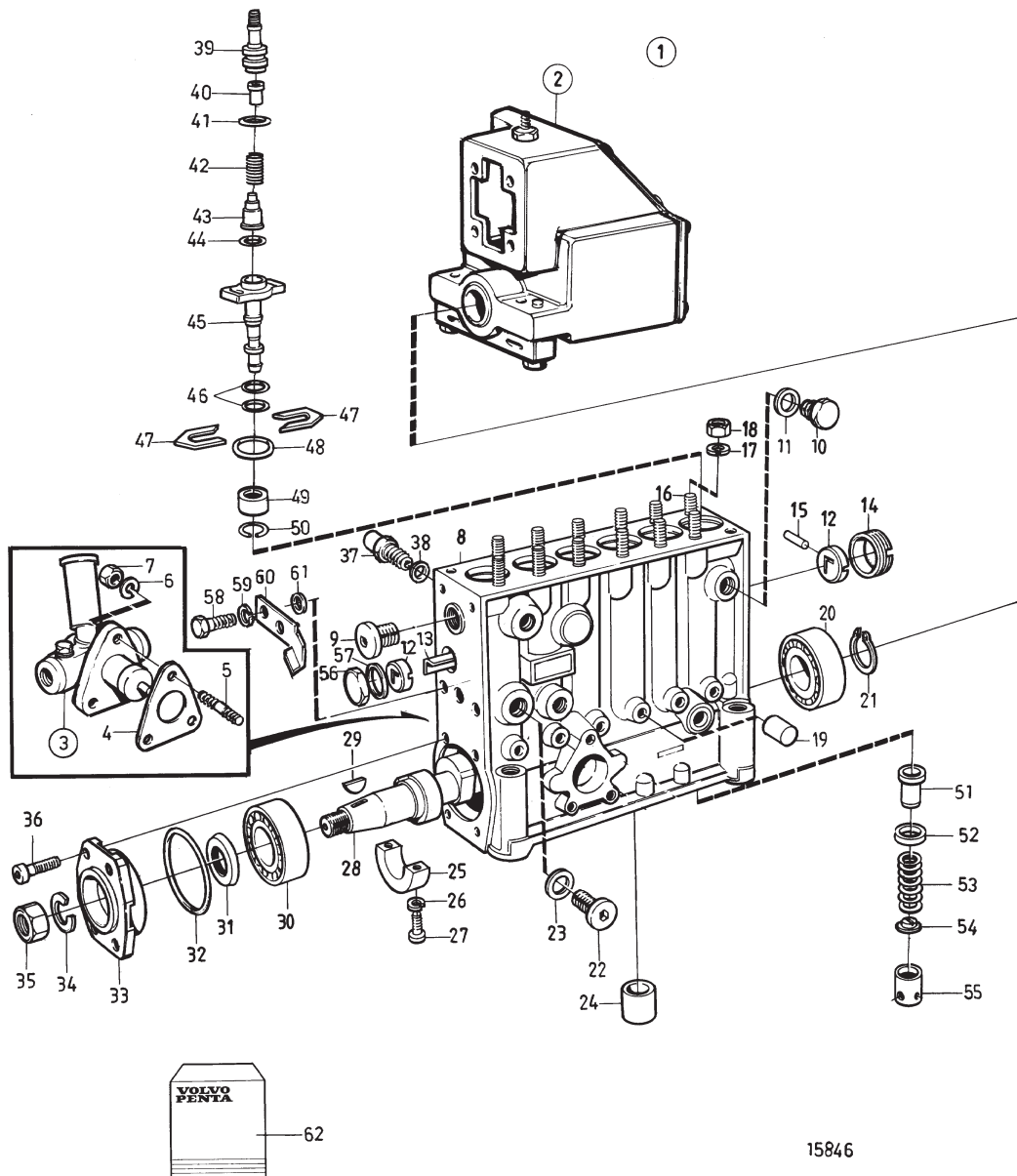
Insprutningspump, detaljer

Group
Grupp**23**

A 85464469				B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
	85453710	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,40mm
	85453538	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,50mm
	85454320	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,55mm
	85453546	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,60mm
	85454338	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,65mm
	85453553	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,70mm
	85454346	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,75mm
	85453561	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,80mm
	85453579	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,90mm
	85453587	X	-	-	• Adjusting washer	• Justerbricka	OP TH=2,00mm
	85460236	X	-	-	• Adjusting washer	• Justerbricka	OP TH=2,10mm
	85454353	X	-	-	• Adjusting washer	• Justerbricka	OP TH=2,15mm
	85454361	X	-	-	• Adjusting washer	• Justerbricka	OP TH=2,20mm
48		6	-	-	• Sealing ring	• Tätningsring	1)
49		6	-	-	• Cap	• Kapsel	
50	85078806	6	-	-	• Retaining ring	• Spärring	OP 1)
51	85462356	6	-	-	• Sleeve	• Hylsa	
52	85452340	6	-	-	• Spring disc	• Fjädertallrik	
53	85462364	6	-	-	• Compression spring	• Tryckfjäder	
54	85462372	6	-	-	• Spring disc	• Fjädertallrik	SO
55		6	-	-	• Pressure plate	• Tryckplatta	
56	85462380	6	-	-	• Push rod	• Tryckstång	OP
57	85462455	1	-	-	Small parts kit	Smådelsats	

1) Included in small parts kit.

Ingår i smådelsats.



15846

Fuel Injection Pump, Components

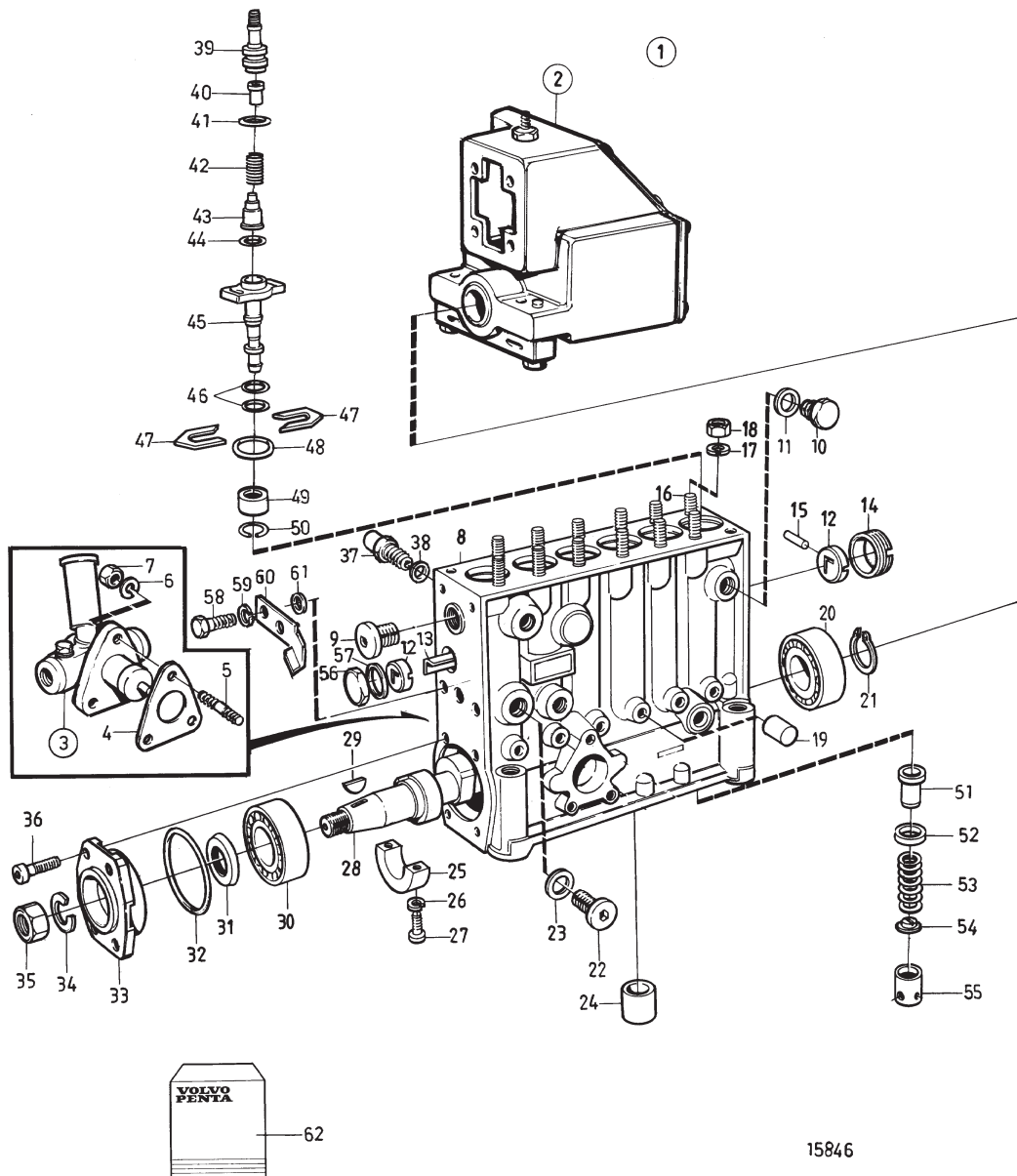
Insprutningspump, detaljer

Group
Grupp**23**

A 85464089					B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
		A	B	C				
1	85464089	1	-	-	Injection pump.	Insprutningspump		
2	85464378	1	-	-	• Actuator	• Aktuator		
		-	-	-	• • , Components not spec.	• • , Detaljer ej spec.		
3	85463271	1	-	-	• Feed pump	• Matarpump		
					• • Comps. see page 85	• • Detaljer se sida 85		
4	85072122	1	-	-	• Gasket	• Packning	1)	
	85463131	1	-	-	• Gasket	• Packning		
5	85451698	3	-	-	• Stud	• Pinnskruv	1)	
6	85467439	3	-	-	• Spring washer	• Fjäderbricka		
7	85466183	3	-	-	• Nut	• Mutter		
8		1	-	-	• Housing	• Hus		
9	85452621	1	-	-	• Plug	• Propp	OP	
10	85460244	1	-	-	• Screw	• Skruv		
11	85075232	1	-	-	• Gasket	• Packning		
12	85452399	2	-	-	• Guide sleeve	• Styrhylsa	OP	
13	85453074	1	-	-	• Control rod	• Reglerstång	OP	
14	85453751	1	-	-	• Bushing	• Bussning	OP	
15	85453454	1	-	-	• Locking pin	• Låsstift	OP	
16		12	-	-	• Stud	• Pinnskruv		
17	85462331	12	-	-	• Washer	• Bricka	OP	
18	85462349	12	-	-	• Nut	• Mutter	OP	
19		6	-	-	• Cap	• Kapsel		
20	85463495	1	-	-	• Bearing	• Lager	OP	
21	85451557	1	-	-	• Lock ring	• Låsring	OP	
22	85453306	1	-	-	• Plug	• Propp	OP	
23	85452415	1	-	-	• Gasket	• Packning	1)	
24		6	-	-	• Cap	• Kapsel	1)	
25	85078814	1	-	-	• Bearing	• Lager	OP	
26		2	-	-	• Spacer	• Distans		
27		2	-	-	• Screw	• Skruv		
28		1	-	-	• Camshaft	• Kamaxel		
29	85451540	1	-	-	• Key	• Kil		
30	85462422	1	-	-	• Bearing	• Lager	OP	
31	85070100	1	-	-	• Sealing ring	• Tätningsring	1)	
32	85462448	1	-	-	• O-ring	• O-ring	1)	
33		1	-	-	• Bearing housing	• Lagerhus	1)	
34		1	-	-	• Spring washer	• Fjäderbricka		
35	85468551	1	-	-	• Nut	• Mutter		
36	85462406	4	-	-	• Screw	• Skruv	OP	
37	85451532	1	-	-	• Overflow valve	• Överströmningsventil		
38	85075232	1	-	-	• Gasket	• Packning		
39	85078996	6	-	-	• Retainer	• Hållare	SO	
40	85079002	6	-	-	• Spring disc	• Fjädertallrik		
41	85462299	6	-	-	• O-ring	• O-ring	1)	
42	85079010	6	-	-	• Spring	• Fjäder		
43	85070399	6	-	-	• Delivery valve	• Tryckventil		
44		6	-	-	• Washer	• Bricka	1)	
45	85463313	6	-	-	• Pump element	• Pumpelement	1)	
46	85452720	12	-	-	• O-ring	• O-ring		
47	85459592	X	-	-	• Adjusting washer	• Justerbricka	OP	TH=0,40mm
	85459600	X	-	-	• Adjusting washer	• Justerbricka	OP	TH=0,50mm
	85459618	X	-	-	• Adjusting washer	• Justerbricka	OP	TH=0,70mm
	85454288	X	-	-	• Adjusting washer	• Justerbricka	OP	TH=0,75mm
	85459626	X	-	-	• Adjusting washer	• Justerbricka	OP	TH=0,80mm
	85454296	X	-	-	• Adjusting washer	• Justerbricka	OP	TH=0,95mm
	85459634	X	-	-	• Adjusting washer	• Justerbricka	OP	TH=1,00mm
	85454304	X	-	-	• Adjusting washer	• Justerbricka	OP	TH=1,05mm
	85459642	X	-	-	• Adjusting washer	• Justerbricka	OP	TH=1,10mm
	85454312	X	-	-	• Adjusting washer	• Justerbricka	OP	TH=1,15mm
	85459659	X	-	-	• Adjusting washer	• Justerbricka	OP	TH=1,25mm

1) Included in small parts kit.

Ingår i smådelsats.



15846

Fuel Injection Pump, Components

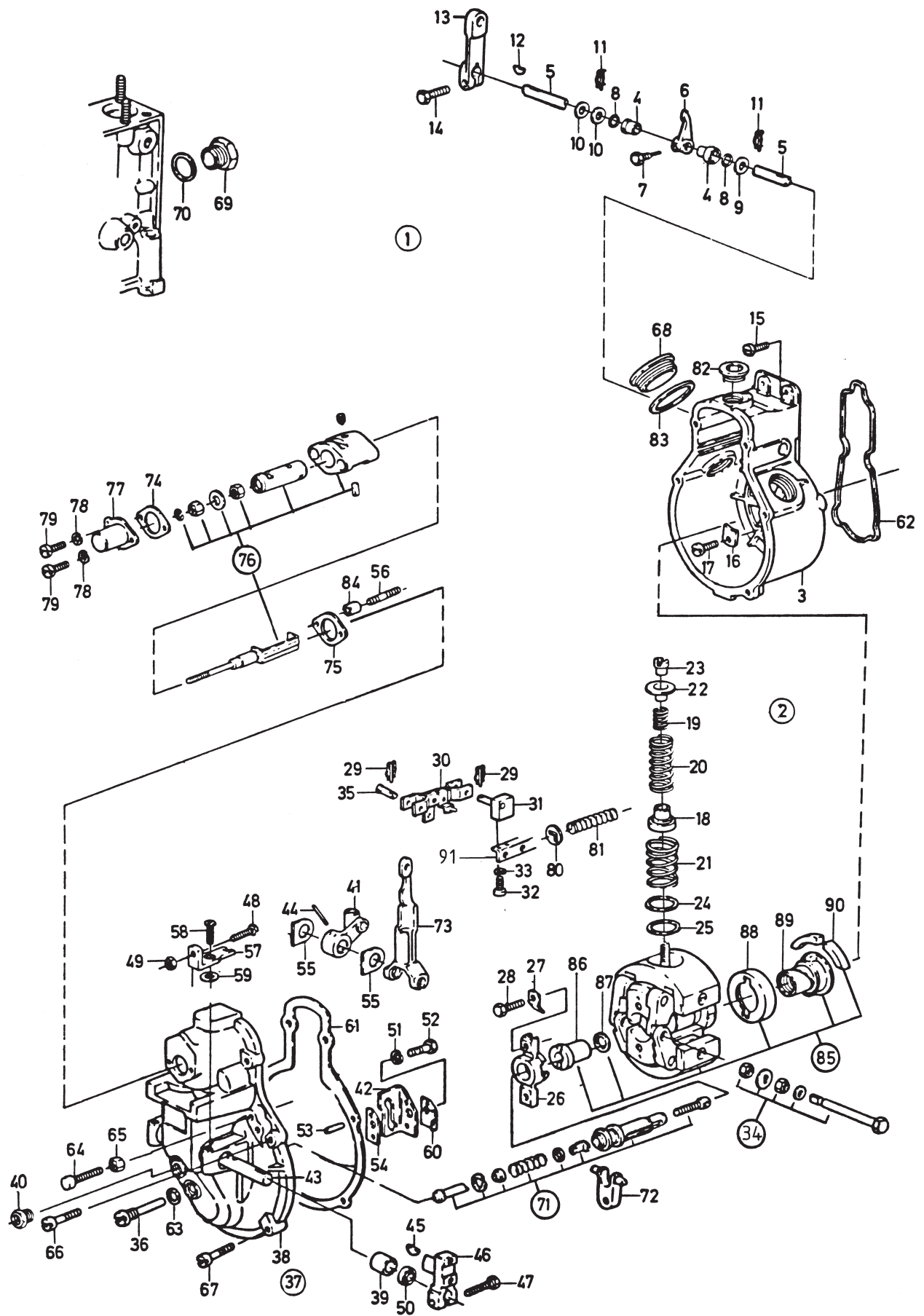
Insprutningspump, detaljer

Group
Grupp**23**

A 85464089				B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
	85453702	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,30mm
	85453710	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,40mm
	85453538	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,50mm
	85454320	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,55mm
	85453546	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,60mm
	85454338	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,65mm
	85453553	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,70mm
	85454346	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,75mm
	85453561	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,80mm
	85453579	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,90mm
	85453587	X	-	-	• Adjusting washer	• Justerbricka	OP TH=2,00mm
	85460236	X	-	-	• Adjusting washer	• Justerbricka	OP TH=2,10mm
	85454353	X	-	-	• Adjusting washer	• Justerbricka	OP TH=2,15mm
	85454361	X	-	-	• Adjusting washer	• Justerbricka	OP TH=2,20mm
48		6	-	-	• Sealing ring	• Tätningsring	1)
49		6	-	-	• Cap	• Kapsel	
50	85078806	6	-	-	• Retaining ring	• Spårring	OP 1)
51	85462356	6	-	-	• Sleeve	• Hylsa	
52	85452340	6	-	-	• Spring disc	• Fjädertallrik	
53	85462364	6	-	-	• Compression spring	• Tryckfjäder	
54	85462372	6	-	-	• Spring disc	• Fjädertallrik	SO
55		6	-	-	• Push rod	• Tryckstång	
56	85452407	1	-	-	• Protecting casing	• Skyddskåpa	OP 1)
57	85452415	1	-	-	• Gasket	• Packning	
58	85468056	2	-	-	• Screw	• Skruv	
59	85467439	2	-	-	• Spring washer	• Fjäderbricka	
60		1	-	-	• Setting indicator	• Indikeringsplåt	
61	85461390	2	-	-	• Spacer ring	• Distansring	OP
62	85462455	1	-	-	• Small parts kit	• Smådelsats	

1) Included in small parts kit.

Ingår i smådelsats.

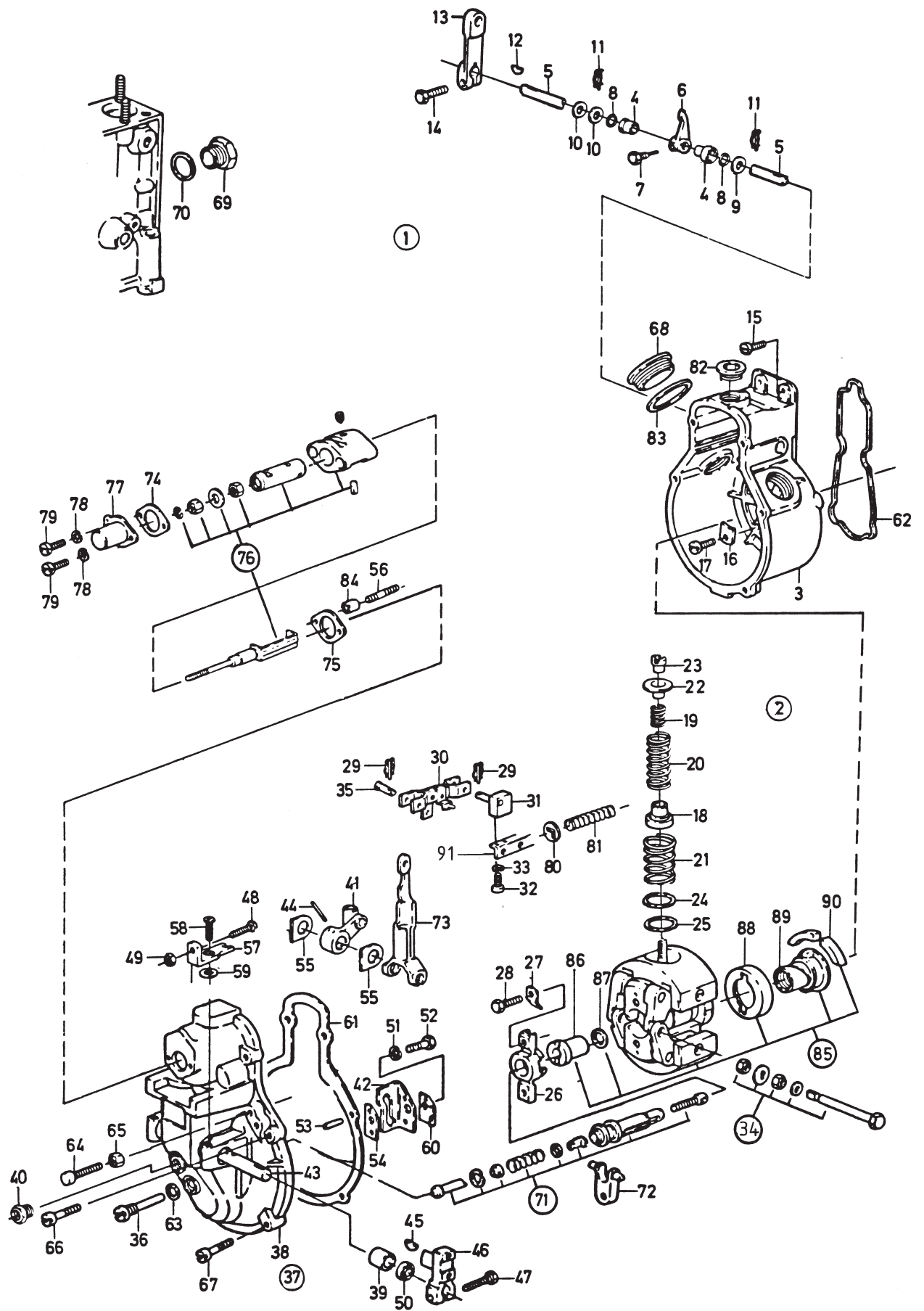


Centrifugal Governor, Components

Centrifugalregulator, detaljer

Group
Grupp**23**

A 85463289				B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
1	85463289	1	-	-	Governor	Regulator	
2		1	-	-	• Regulator housing	• Regulatorhus	
3		1	-	-	• Housing	• Hus	
4	85452589	2	-	-	• Bushing	• Bussning	OP
5		1	-	-	• Shaft	• Axel	
6		1	-	-	• Lever	• Hävarm	
7		1	-	-	• Screw	• Skruv	
8		2	-	-	• O-ring	• O-ring	
9		2	-	-	• Washer	• Bricka	
10	85452068	X	-	-	• Washer	• Bricka	OP TH=0,30mm
11	85454379	2	-	-	• Lock pin	• Låspinne	OP
12		1	-	-	• Key	• Kil	
13		1	-	-	• Lever	• Hävarm	
14	85468015	1	-	-	• Screw	• Skruv	
15		2	-	-	• Screw	• Skruv	
16		4	-	-	• Washer	• Bricka	
17		6	-	-	• Screw	• Skruv	
18		2	-	-	• Spring disc	• Fjädertallrik	
19	85461622	2	-	-	• Spring	• Fjäder	STD
	85460418	2	-	-	• Regulator spring,	• Regulatorfjäder,	1500 RPM
					Ambac-actuator	Ambac-aktuator	
	85462489	2	-	-	• Regulator spring	• Regulatorfjäder	1800 RPM
	85461622	2	-	-	• Spring, Ambac-actuator	• Fjäder, Ambac-aktuator	1800 RPM
20	85461614	2	-	-	• Regulator spring	• Regulatorfjäder	STD
	85462760	2	-	-	• Regulator spring,	• Regulatorfjäder,	1500/RPM
					Ambac-actuator	Ambac-aktuator	
		-	-	-			1800 RPM
	85462778	2	-	-	• Regulator spring,	• Regulatorfjäder,	1800/RPM
					Ambac-actuator	Ambac-aktuator	
21	85460608	2	-	-	• Regulator spring	• Regulatorfjäder	STD
	85465003	2	-	-	• Regulator spring,	• Regulatorfjäder,	1500/RPM
					Ambac-actuator	Ambac-aktuator	
	85461622	2	-	-	• Spring	• Fjäder	1800/RPM
22	85453686	2	-	-	• Spring disc	• Fjädertallrik	OP
23		2	-	-	• Nut	• Mutter	
24		1	-	-	• Washer	• Bricka	
25		2	-	-	• Washer	• Bricka	
26		1	-	-	• Bushing	• Bussning	
27		2	-	-	• Striker plate	• Låsbleck	
28		2	-	-	• Screw	• Skruv	
29		2	-	-	• Lock spring	• Låsfjäder	
30		1	-	-	• Link	• Länk	
31		1	-	-	• Guide lug	• Styrklack	
32		2	-	-	• Screw	• Skruv	
33		2	-	-	• Washer	• Bricka	
34	85452043	1	-	-	• Screw kit	• Skruvsats	OP
35		1	-	-	• Bolt	• Bult	
36		1	-	-	• Guide screw	• Styrskruv	
37		1	-	-	• Cover	• Lock	COMPL
38		1	-	-	• Cover	• Lock	
39		2	-	-	• Bushing	• Bussning	
40		1	-	-	• Nipple	• Nippel	
41		1	-	-	• Lever	• Hävarm	
42		1	-	-	• Retainer	• Hållare	
43		1	-	-	• Shaft	• Axel	
44		2	-	-	• Pin	• Stift	
45	85465748	1	-	-	• Key	• Kil	
46		1	-	-	• Lever	• Hävarm	
47	85468072	1	-	-	• Screw	• Skruv	
48		1	-	-	• Screw	• Skruv	
49	85468494	1	-	-	• Nut	• Mutter	

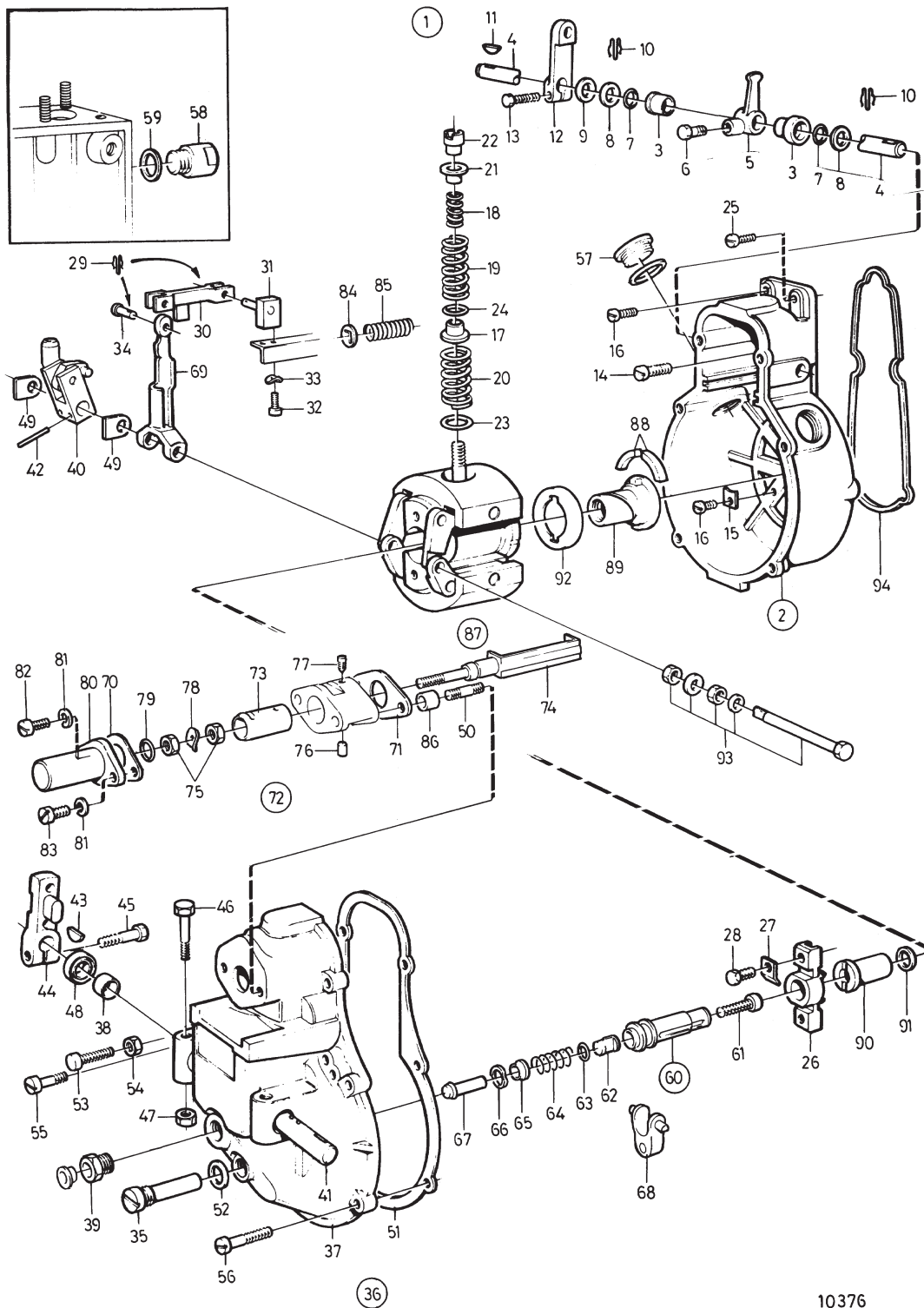


Centrifugal Governor, Components

Centrifugalregulator, detaljer

Group
Grupp**23**

A 85463289				B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
50	85462513	2	-	-	•• Seal	•• Tätning	OP
51		1	-	-	•• Spring washer	•• Fjädrande bricka	
52		1	-	-	•• Screw	•• Skruv	
53		2	-	-	•• Pin	•• Pinne	
54		1	-	-	•• Anchorage	•• Fäste	
55		2	-	-	•• Washer	•• Bricka	
56		2	-	-	•• Stud	•• Pinnskruv	
57		1	-	-	•• Bracket	•• Konsol	
58		1	-	-	•• Screw	•• Skruv	
59	85468619	1	-	-	•• Washer	•• Bricka	
60		1	-	-	•• Anchorage	•• Fäste	
61	85078871	1	-	-	• Gasket	• Packning	SO
62	85462521	1	-	-	• Gasket	• Packning	OP
63	85451417	1	-	-	• Gasket	• Packning	
64		1	-	-	• Screw	• Skruv	
65	85453447	1	-	-	• Nut	• Mutter	OP
66		1	-	-	• Screw	• Skruv	
67		5	-	-	• Screw	• Skruv	
68		2	-	-	• Plug	• Plugg	
69	85452407	1	-	-	• Protecting casing	• Skyddsskåpa	OP
70	85452415	1	-	-	• Gasket	• Packning	
71		1	-	-	• Adjusting screw	• Justerskruv	
72		1	-	-	• Link section	• Länkstykke	
73		1	-	-	• Arm	• Arm	
74		1	-	-	• Gasket	• Packning	
75		1	-	-	• Gasket	• Packning	
76		1	-	-	• Stop	• Anslag	
77		1	-	-	• Cover	• Kåpa	
78	85467439	2	-	-	• Spring washer	• Fjäderbricka	
79	85453199	2	-	-	• Screw	• Skruv	OP
80		1	-	-	• Washer	• Bricka	
81		1	-	-	• Spring	• Fjäder	
82		1	-	-	• Plug	• Propp	
83	85079044	2	-	-	• Gasket	• Packning	OP
84	85453025	2	-	-	• Sleeve	• Hylsa	OP
85		1	-	-	• Hub kit	• Navsats	
86		1	-	-	• Nut	• Mutter	
87	85453827	X	-	-	•• Adjusting washer	•• Justerbricka	OP TH=1,60mm
	85453835	X	-	-	•• Adjusting washer	•• Justerbricka	OP TH=1,63 mm
	85453868	X	-	-	•• Adjusting washer	•• Justerbricka	OP TH=1,72 mm
	85453876	X	-	-	•• Adjusting washer	•• Justerbricka	OP TH=1,75 mm
	85453884	X	-	-	•• Adjusting washer	•• Justerbricka	OP TH=1,78 mm
	85453892	X	-	-	•• Adjusting washer	•• Justerbricka	OP TH=1,81 mm
	85453918	X	-	-	•• Adjusting washer	•• Justerbricka	OP TH=1,87 mm
	85453926	X	-	-	•• Adjusting washer	•• Justerbricka	OP TH=1,90 mm
	85453934	X	-	-	•• Adjusting washer	•• Justerbricka	OP TH=1,93 mm
	85453942	X	-	-	•• Adjusting washer	•• Justerbricka	OP TH=1,96 mm
	85453959	X	-	-	•• Adjusting washer	•• Justerbricka	OP TH=1,99mm
	85453967	X	-	-	•• Adjusting washer	•• Justerbricka	OP TH=2,02mm
	85453975	X	-	-	•• Adjusting washer	•• Justerbricka	OP TH=2,05mm
	85453983	X	-	-	•• Adjusting washer	•• Justerbricka	OP TH=2,08mm
	85454007	X	-	-	•• Adjusting washer	•• Justerbricka	OP TH=2,14mm
88		1	-	-	•• Cap	•• Kapsel	
89		1	-	-	•• Companion flange	•• Medbringare	
90		4	-	-	•• Rubber damper	•• Gummidämpare	
91	85453074	1	-	-	Control rod	Reglerstång	OP

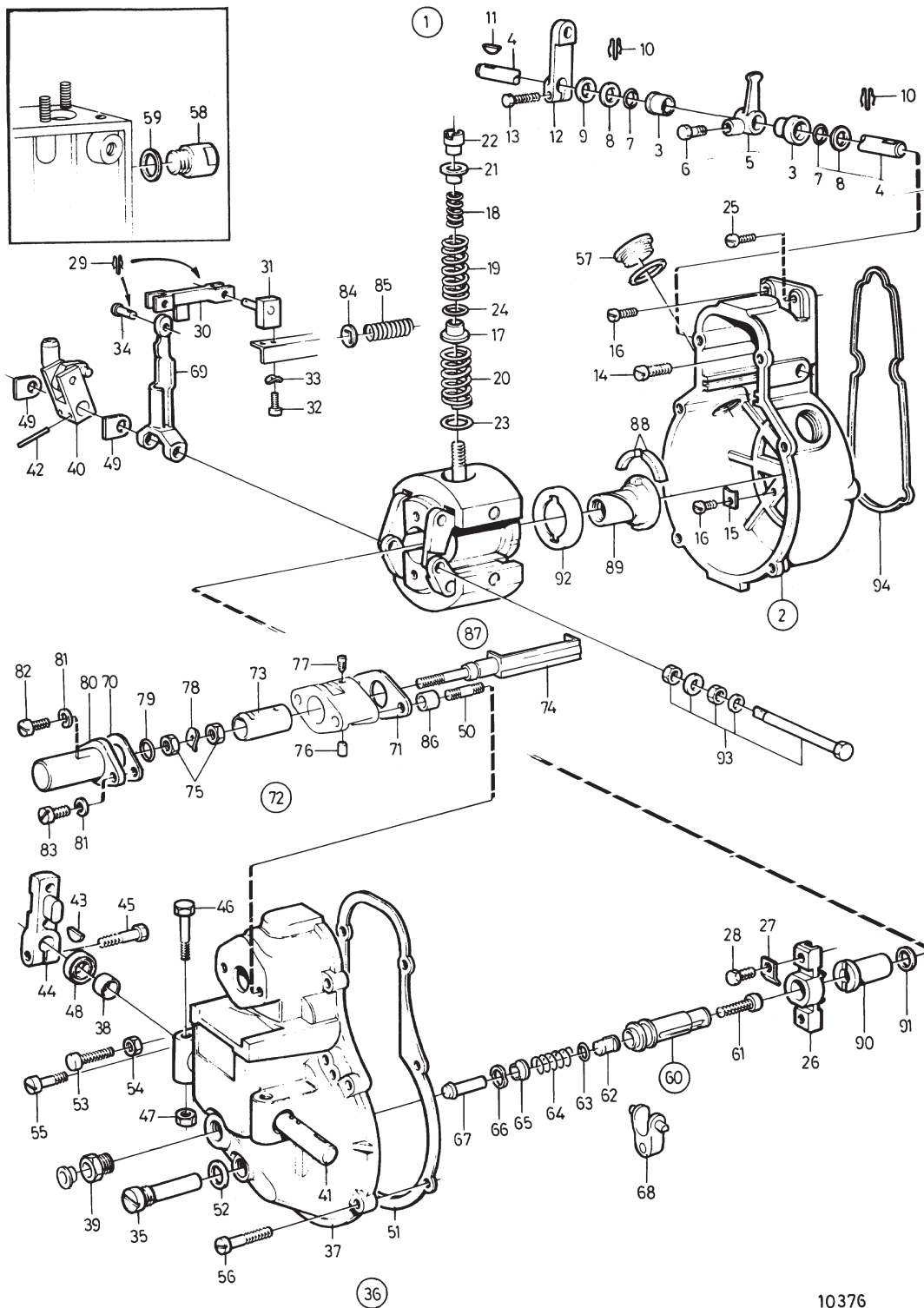


Centrifugal Governor, Components

Centrifugalregulator, detaljer

Group
Grupp**23**

A 85079747				B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
A	B	C					
1	85079747	1	-	-	Governor	Regulator	
2		1	-	-	• Regulator housing	• Regulatorhus	
3	85452589	2	-	-	• Bushing	• Bussning	OP
4	85452076	1	-	-	• Shaft	• Axel	OP
5	85452597	1	-	-	• Lever	• Hävarm	OP
6	85453132	1	-	-	• Screw	• Skruv	OP
7	85452316	2	-	-	• Gasket	• Packning	OP
8	85071991	2	-	-	• Washer	• Bricka	OP
9	85452068	X	-	-	• Washer	• Bricka	OP
10	85454379	2	-	-	• Lock pin	• Låspinne	OP
11	85451623	1	-	-	• Key	• Kil	
12		1	-	-	• Link arm	• Länkarm	
13	85458015	1	-	-	• Screw	• Skruv	
14	85461374	2	-	-	• Screw	• Skruv	OP
15	85462463	4	-	-	• Washer	• Bricka	OP
16	85462471	5	-	-	• Screw	• Skruv	
17		2	-	-	• Spring disc	• Fjädertallrik	
18	85460418	2	-	-	• Regulator spring	• Regulatorfjäder	
19	85460285	2	-	-	• Regulator spring	• Regulatorfjäder	
20	85460608	2	-	-	• Regulator spring	• Regulatorfjäder	
21	85453686	2	-	-	• Spring disc	• Fjädertallrik	OP
22	85453694	2	-	-	• Nut	• Mutter	OP
23		2	-	-	• Washer	• Bricka	
24		2	-	-	• Adjusting washer	• Justerbricka	
25		1	-	-	• Screw	• Skruv	
26		1	-	-	• Bushing	• Bussning	
27	85452928	2	-	-	• Striker plate	• Låsbleck	OP
28	85468056	2	-	-	• Screw	• Skruv	
29		2	-	-	• Lock spring	• Låsfjäder	
30	85452126	1	-	-	• Fork	• Gaffel	OP
31	85454403	1	-	-	• Guide lug	• Styrklack	OP
32		2	-	-	• Screw	• Skruv	
33		2	-	-	• Washer	• Bricka	
34	85454262	1	-	-	• Bolt	• Bult	OP
35		1	-	-	• Screw	• Skruv	
36		1	-	-	• Cover	• Lock	COMPL
37		1	-	-	• Cover	• Lock	
38	85462497	2	-	-	• Bushing	• Bussning	OP
39		1	-	-	• Nipple	• Nippel	
40	85460616	1	-	-	• Lever	• Hävarm	OP
41	85462505	1	-	-	• Shaft	• Axel	OP
42	85454395	2	-	-	• Pin	• Stift	OP
43	85465748	1	-	-	• Key	• Kil	
44	85452290	1	-	-	• Lever	• Hävarm	
45	85452936	1	-	-	• Screw	• Skruv	OP
46	85453231	1	-	-	• Screw	• Skruv	OP
47	85468494	1	-	-	• Nut	• Mutter	
48	85451417	2	-	-	• Gasket	• Packning	
49		2	-	-	• Washer	• Bricka	
50	85460624	2	-	-	• Stud	• Pinnskruv	OP
51		1	-	-	• Gasket	• Packning	
52	85451417	1	-	-	• Gasket	• Packning	
53		1	-	-	• Screw	• Skruv	
54	85453447	1	-	-	• Nut	• Mutter	OP
55		1	-	-	• Screw	• Skruv	
56	85462539	5	-	-	• Screw	• Skruv	OP
57	85453009	2	-	-	• Plug	• Plugg	OP
58	85452407	1	-	-	• Protecting casing	• Skyddskåpa	OP
59	85452415	1	-	-	• Gasket	• Packning	
60	85453645	1	-	-	• Bearing bolt	• Lagerbult	OP
61		1	-	-	• Bolt	• Bult	

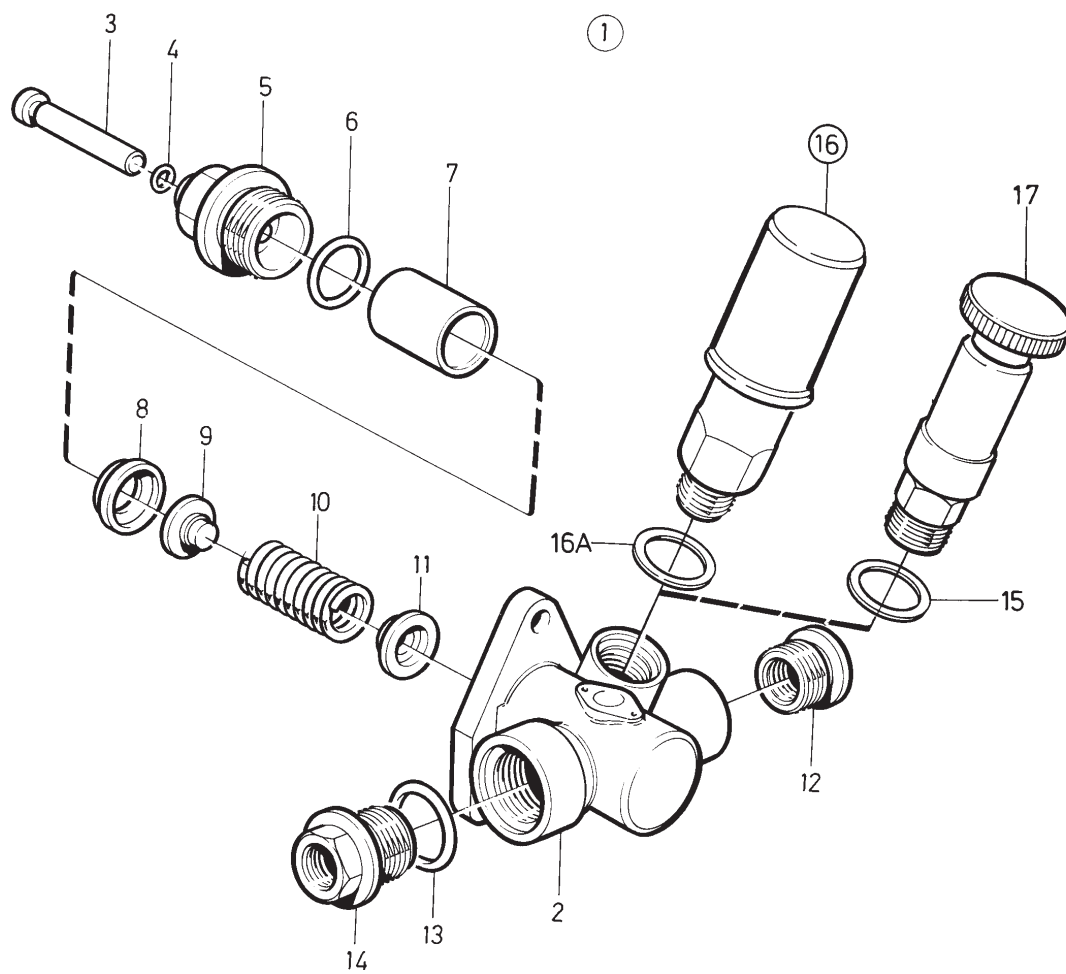


Centrifugal Governor, Components

Centrifugalregulator, detaljer

Group
Grupp**23**

A 85079747				B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
62		1	-	-	• Sleeve	• Hylsa	
63		1	-	-	• Ring	• Ring	
64		1	-	-	• Spring	• Fjäder	
65		1	-	-	• Nut	• Mutter	
66		1	-	-	• Ring	• Ring	
67		1	-	-	• Pin	• Pinne	
68	85452985	1	-	-	• Link section	• Länkstycke	OP
69	85452993	1	-	-	• Arm	• Arm	OP
70		1	-	-	• Gasket	• Packning	
71		1	-	-	• Gasket	• Packning	
72	85453066	1	-	-	• Stop	• Anslag	OP
73		1	-	-	• Sleeve	• Hylsa	
74		1	-	-	• Bolt	• Bult	
75	85460269	2	-	-	• Nut	• Mutter	OP
76		1	-	-	• Pin	• Stift	
77		1	-	-	• Screw	• Skruv	
78		1	-	-	• Washer	• Bricka	
79		1	-	-	• Ring	• Ring	
80	85453736	1	-	-	• Cover	• Kåpa	OP
81	85467439	2	-	-	• Spring washer	• Fjäderbricka	
82	85458933	1	-	-	• Screw	• Skruv	OP
83	85453199	1	-	-	• Screw	• Skruv	OP
84	85078897	1	-	-	• Gasket	• Packning	OP
85	85453777	1	-	-	• Spring	• Fjäder	OP
86	85453025	2	-	-	• Sleeve	• Hylsa	OP
87		1	-	-	• Repair kit	• Reparationssats	
88		4	-	-	• Rubber damper	• Gummidämpare	
89		1	-	-	• Companion flange	• Medbringare	
90		1	-	-	• Nut	• Mutter	
91	85453827	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,60mm
	85453835	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,63mm
	85453843	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,66mm
	85453850	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,69mm
	85453868	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,72mm
	85453876	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,75mm
	85453884	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,78mm
	85453892	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,81mm
	85453900	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,84mm
	85453918	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,87mm
	85453926	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,90mm
	85453934	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,93mm
	85453942	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,96mm
	85453959	X	-	-	• Adjusting washer	• Justerbricka	OP TH=1,99mm
	85453967	X	-	-	• Adjusting washer	• Justerbricka	OP TH=2,02mm
	85453975	X	-	-	• Adjusting washer	• Justerbricka	OP TH=2,05mm
	85453983	X	-	-	• Adjusting washer	• Justerbricka	OP TH=2,08mm
	85453991	X	-	-	• Adjusting washer	• Justerbricka	OP TH=2,11mm
	85454007	X	-	-	• Adjusting washer	• Justerbricka	OP TH=2,14mm
92		1	-	-	• Cap	• Kapsel	
93		1	-	-	• Screw kit	• Skruvsats	
94	85462521	1	-	-	• Gasket	• Packning	OP



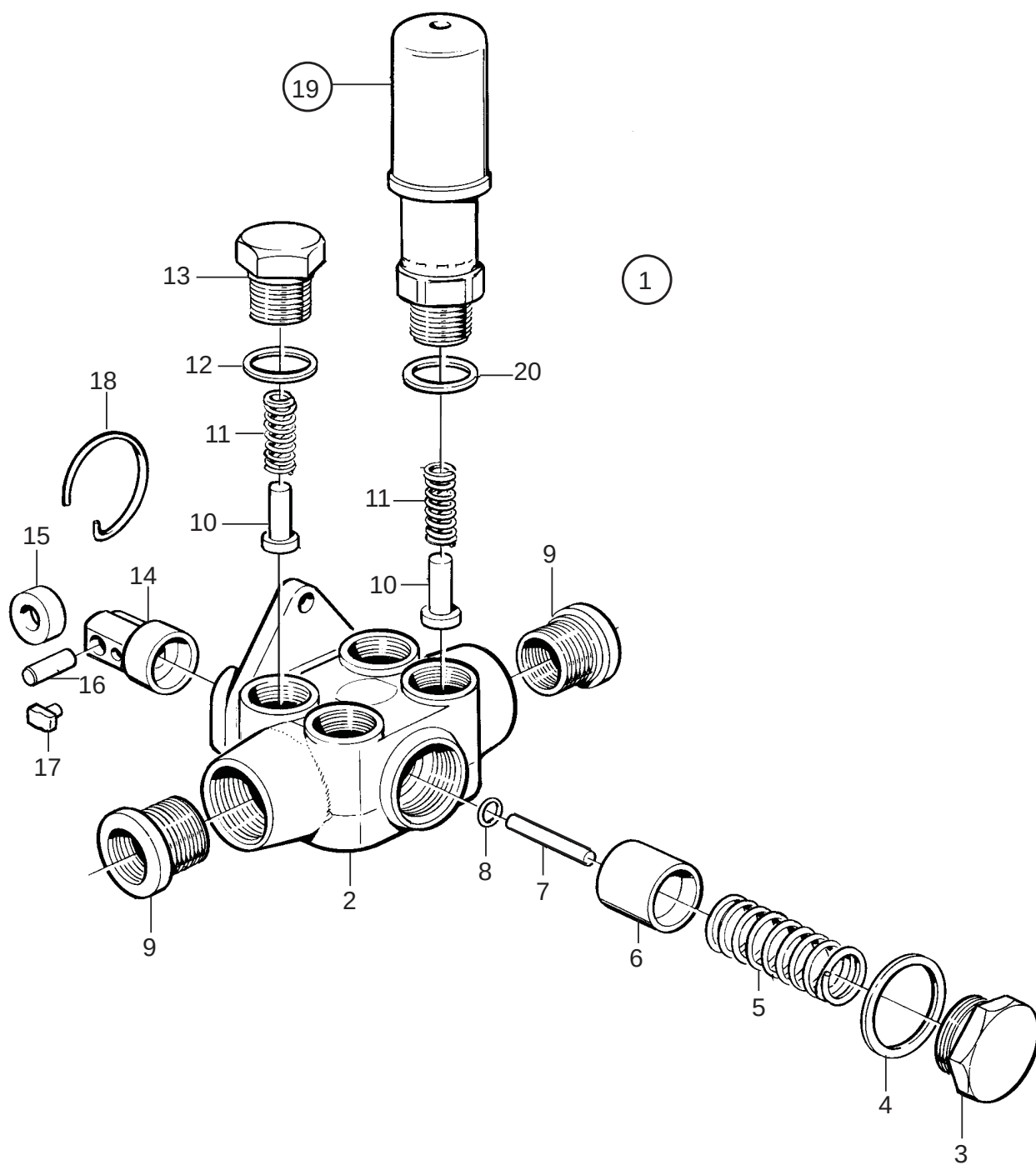
16882

Fuel Feed Pump, Components

Matarpump, detaljer

Group
Grupp**23**

A					B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
		A	B	C				
1	85463271	1	-	-	Feed pump	Matarpump		
2		1	-	-	• Housing	• Hus		
3	85462547	1	-	-	• Piston	• Kolv		
4	85454155	1	-	-	• O-ring	• O-ring		
5	85454130	1	-	-	• Bushing	• Bussning		
6	85454148	1	-	-	• O-ring	• O-ring		
7	85454163	1	-	-	• Pump piston	• Pumpkolv		
8	85454205	1	-	-	• Spacer ring	• Distansring		
9	85454197	1	-	-	• Valve	• Ventil		
10	85462554	1	-	-	• Compression spring	• Tryckfjäder		
11	85454189	2	-	-	• Spring disc	• Fjädertallrik		
12	85454213	1	-	-	• Fitting	• Förskruvning		
13	85454239	1	-	-	• O-ring	• O-ring		
14	85454221	1	-	-	• Non-return valve	• Backventil		
15	85452944	1	-	-	• Gasket	• Packning		
16	85070514	1	-	-	• Hand pump	• Handpump		
16A	85452944	1	-	-	• • Gasket	• • Packning		
17	85459204	1	-	-	Hand pump, classifiable	Handpump, klassningsbar . .		

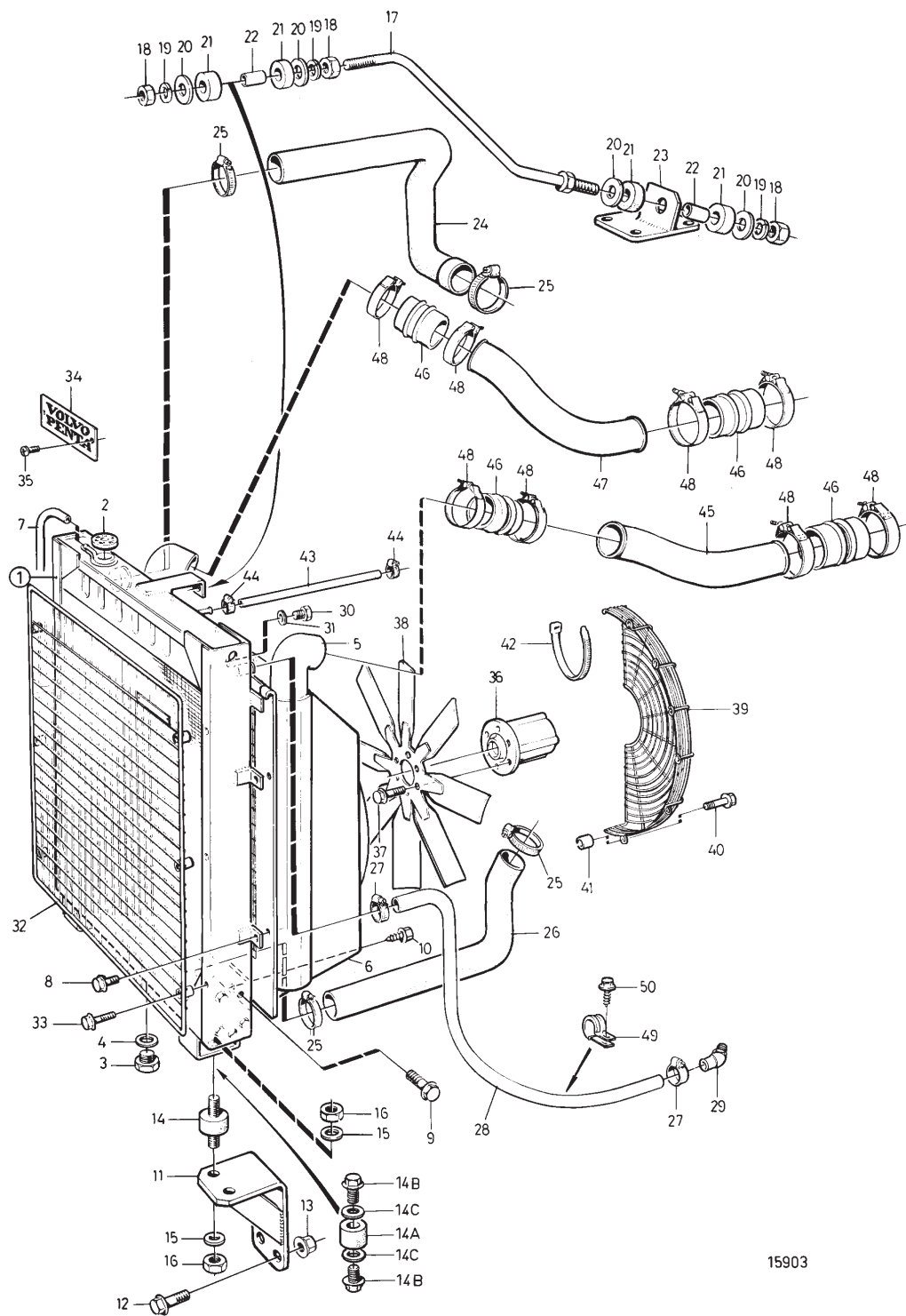


Fuel Feed Pump, Components

Matarpump, detaljer

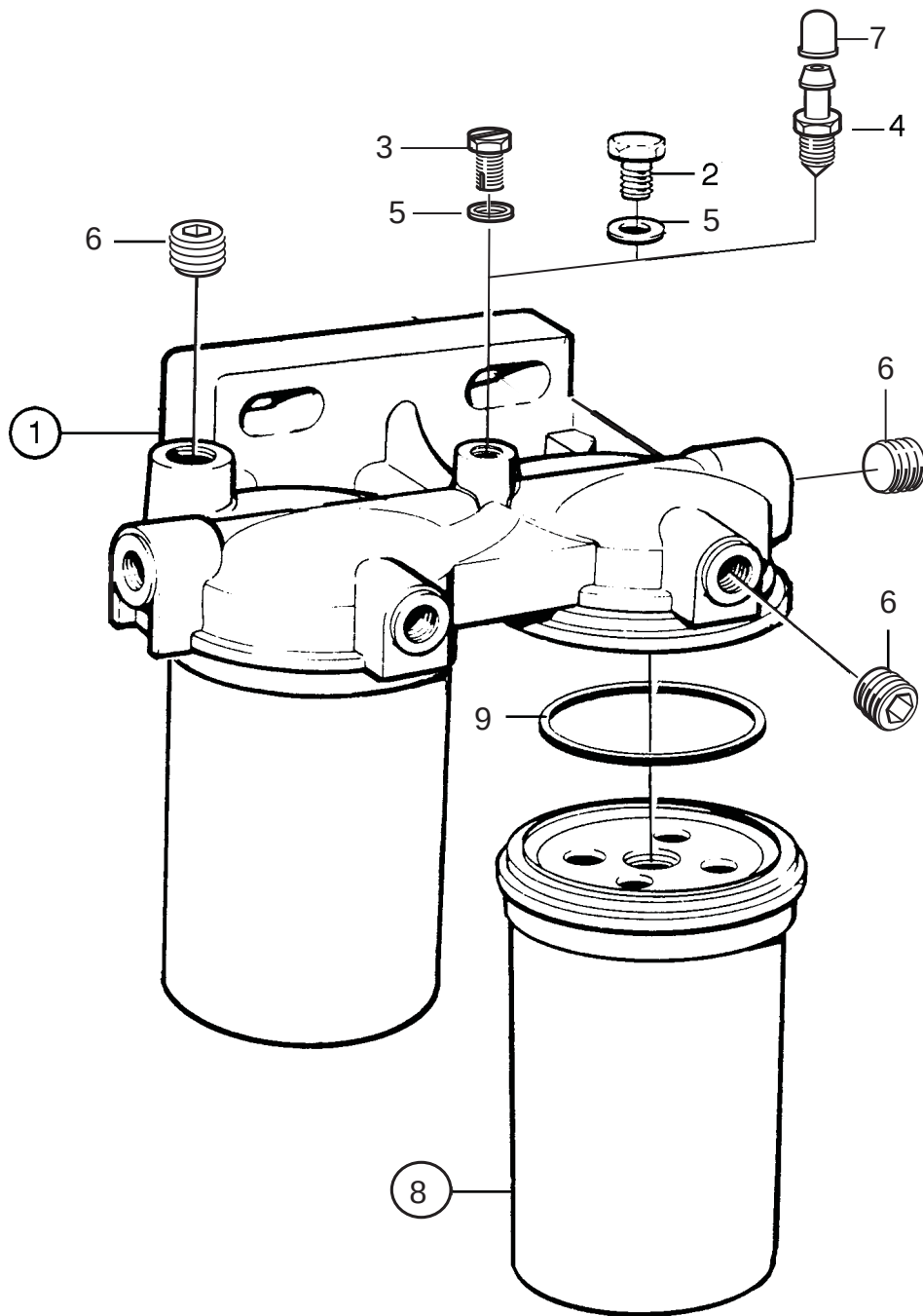
Group
Grupp**23**

A 85069995				B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
1	85079994	-	-	-	Feed pump	Matarpump	
2		1	-	-	• Housing	• Hus	
3	85452092	1	-	-	• Plug	• Propp	OP
4	85451441	1	-	-	• Gasket	• Packning	
5	85070308	1	-	-	• Compression spring	• Tryckfjäder	
6		1	-	-	• Pump piston	• Pumpkolv	
7	85453157	1	-	-	• Push rod	• Tryckstång	OP
8	85452639	1	-	-	• Gasket	• Packning	
9	85070316	2	-	-	• Bushing	• Bussning	
10	85453272	4	-	-	• Valve	• Ventil	
11	85451615	4	-	-	• Spring	• Fjäder	
12	85452944	3	-	-	• Gasket	• Packning	
13	85451474	3	-	-	• Plug	• Plugg	
14		1	-	-	• Retainer	• Hållare	
15	85079986	1	-	-	• Roller	• Rulle	
16		1	-	-	• Bearing bolt	• Lagerbult	
17	85452613	1	-	-	• Guide	• Styrning	OP
18	85452142	1	-	-	• Spring ring	• Fjädderring	OP
19	85070514	1	-	-	• Hand pump	• Handpump	
20	85452944	1	-	-	• Gasket	• Packning	



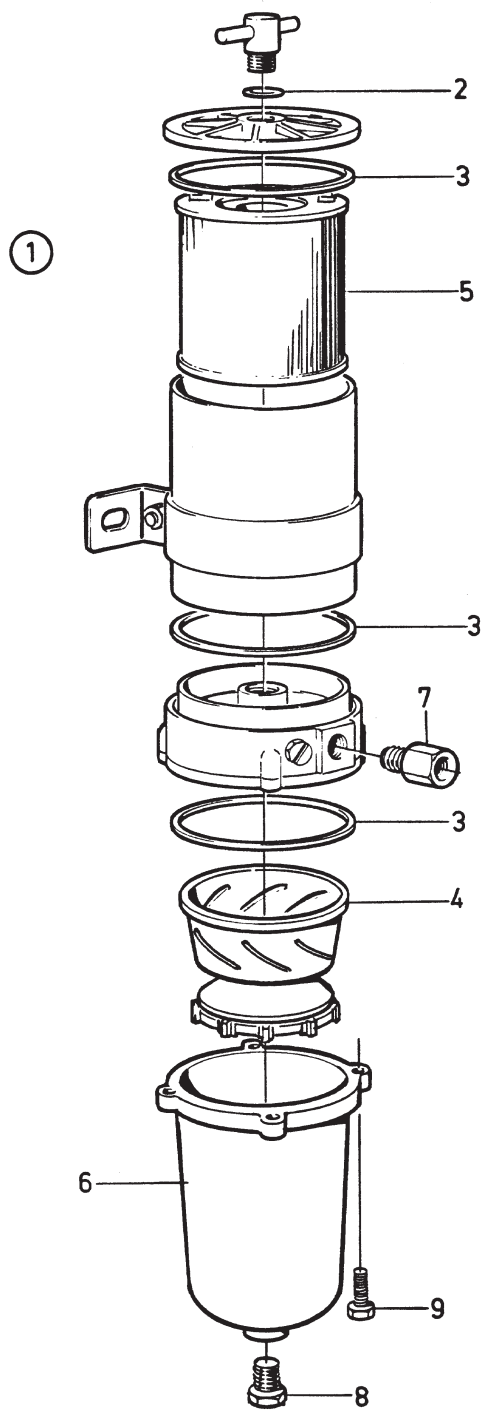
Fuel Filter and Water Separator**Bränslefilter och
vattenavskiljare**Group
GruppTWD1620G, TWD1630G, TAD1630G, TAD1630GE,
TAD1631G, TAD1631GE**23**

A					B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
		A	B	C				
1	85070605	1	-	-	Bracket	Konsol.		
2	85070753	1	-	-	Nut plate	Mutterplatta		
3	85070787	1	-	-	Fuel hose	Bränsleslang		
4	85401644	1	-	-	Water separator	Vattenavskiljare		
4A	85072346	1	-	-	• Filter	• Filter		
5	85467017	2	-	-	Screw	Skruv		
6	85466951	2	-	-	Screw	Skruv		
7	85075547	2	-	-	Nut	Mutter		
8	85075893	2	-	-	Nipple	Nippel		
9	85468890	1	-	-	Nut	Mutter		
10	85070357	1	-	-	Fuel pipe	Bränslerör		
	85468866	1	-	-	• Ferrule	• Skärring		
11		1	-	-	Hose clamp	Slangklämma		



Fuel Cleaner		Bränslerenare			Group Grupp	
A 85457331		B 1676832			C 8194541	
Ref pos	Part No Artikel nr	Quantity/Antal			Description Benämning	Notes/Anmärkning
		A	B	C		
1	85457331	1	-	-	Filter housing Filterhus	¹⁾ REPL BY 85072882 M8,ALT 1 M6,ALT 2 M10
	85078418	-	1	-	Filter housing Filterhus	
	85072882	-	-	1	Filter housing Filterhus	
2	85457349	1	1	-	• Screw • Skruv	
3	85452969	1	-	-	• Screw • Skruv	
4	85076057	-	-	1	• Nipple • Nippel	
5	85467199	1	1	-	• Gasket • Packning	
6	85075083	3	-	-	• Plug • Propp	
7		-	-	1	• Protective hat • Skyddshatt	
8	85401628	2	2	2	Fuel filter Bränslefilter	
9	85072130	2	2	2	• Gasket • Packning	

1) Replaced by filter housing 85078418 and 3pcs plug 85075083.



15385

**Fuel Cleaner/ Water Separator,
Single. Classifiable Fuel System**
**Bränslerenare/
vattenavskiljande, enkel.
Klassningsbart
bränslesystem**

 Group
Grupp

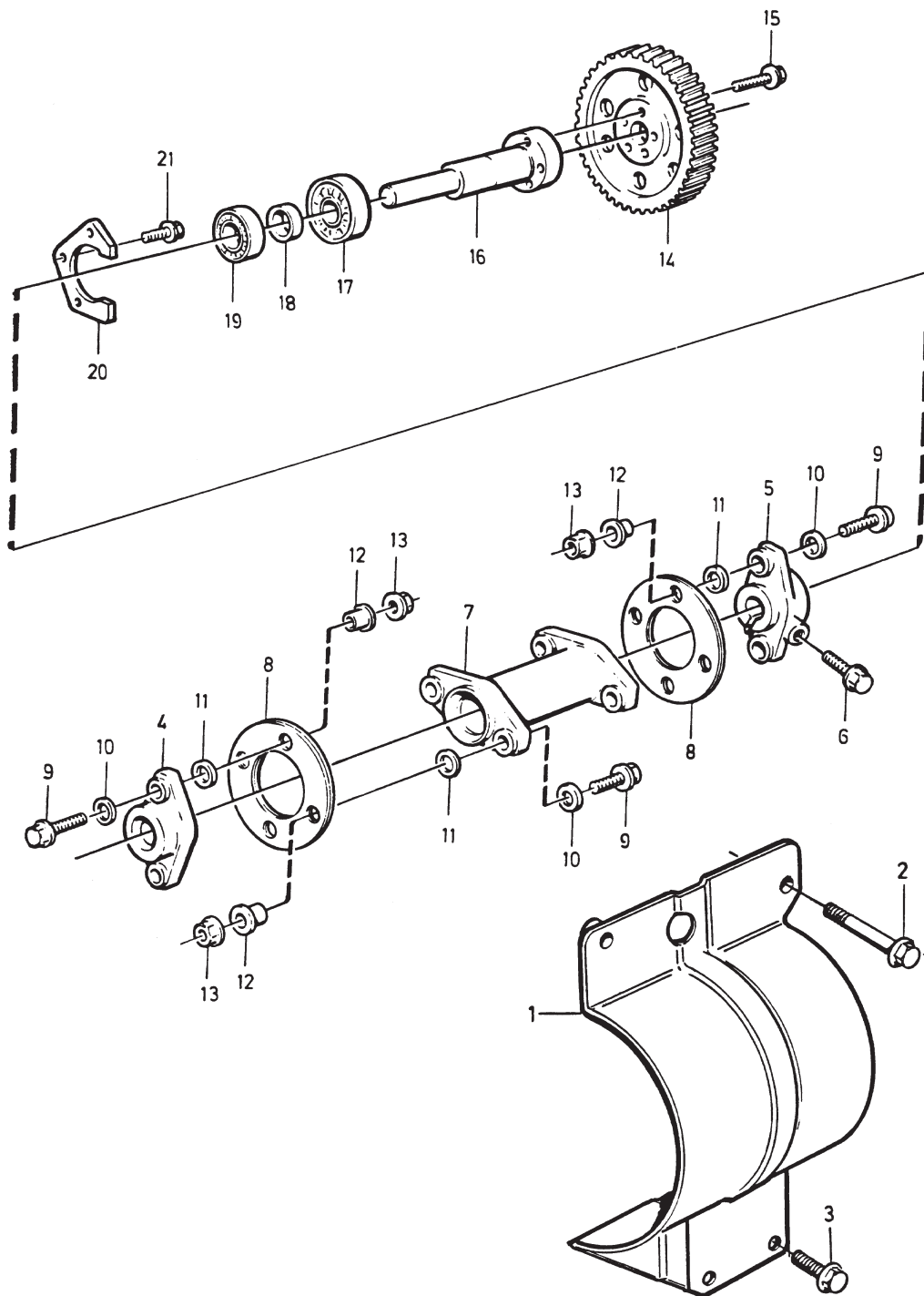
 TWD1620G, TWD1630G, TAD1630G, TAD1630GE,
TAD1631G, TAD1631GE

23

A 85079531					B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
		A	B	C				
1	85079531	1	-	-	Fuel strainer	Bränslerenare	SO ¹⁾	LATER PROD
2	85459055	1	-	-	• O-ring	• O-ring		
3	85459980	3	-	-	• Gasket	• Packning		
4	85079564	1	-	-	• Turbine	• Turbin		
5	85079556	1	-	-	• Filter insert	• Filterinsats		
6	85460574	1	-	-	• Bowl	• Skål		
7	85459949	2	-	-	• Nipple	• Nippel		
8	85467744	1	-	-	• Plug	• Propp		
9	85466019	4	-	-	• Screw	• Skruv		

1) Metal Bowl.

Metallsål.



15802

Coupling for Fuel Injection Pump with Cover

Koppling för insprutningspump med skydd

Group
Grupp

23

TWD1630G, TAD1630G, TAD1630GE

A					B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
		A	B	C				
1	85461242	1	-	-	Pump companion guard	Pumpkopplingskydd		
2	85466993	2	-	-	Flange screw	Flänsskruv		
3	85466977	2	-	-	Flange screw	Flänsskruv		
4	85054971	1	-	-	Companion flange	Medbringare		
5	85054989	1	-	-	Companion flange	Medbringare		
6	85457554	1	-	-	Screw	Skruv		
7	85057172	1	-	-	Intermediate section	Mellanstycke		
8	85458438	8	-	-	Disc	Skiva		
9	85469542	8	-	-	Flange screw	Flänsskruv		
10	85075729	8	-	-	Washer	Bricka		
11	85458420	8	-	-	Washer	Bricka		
12	85458370	8	-	-	Sleeve	Hylsa		
13	85075547	8	-	-	Nut	Mutter		
14	85054997	1	-	-	Gear	Kugghjul		
15	85467058	5	-	-	Flange screw	Flänsskruv		
16	85055002	1	-	-	Shaft	Axel		
17	85055010	1	-	-	Ball bearing	Kullager		
18	85057305	1	-	-	Stop ring	Stoppring		
19	85054963	1	-	-	Ball bearing	Kullager		
20	85055028	1	-	-	Lock washer	Låsbricka		
21	85466878	3	-	-	Flange screw	Flänsskruv		

Coupling for Fuel Injection Pump with Cover

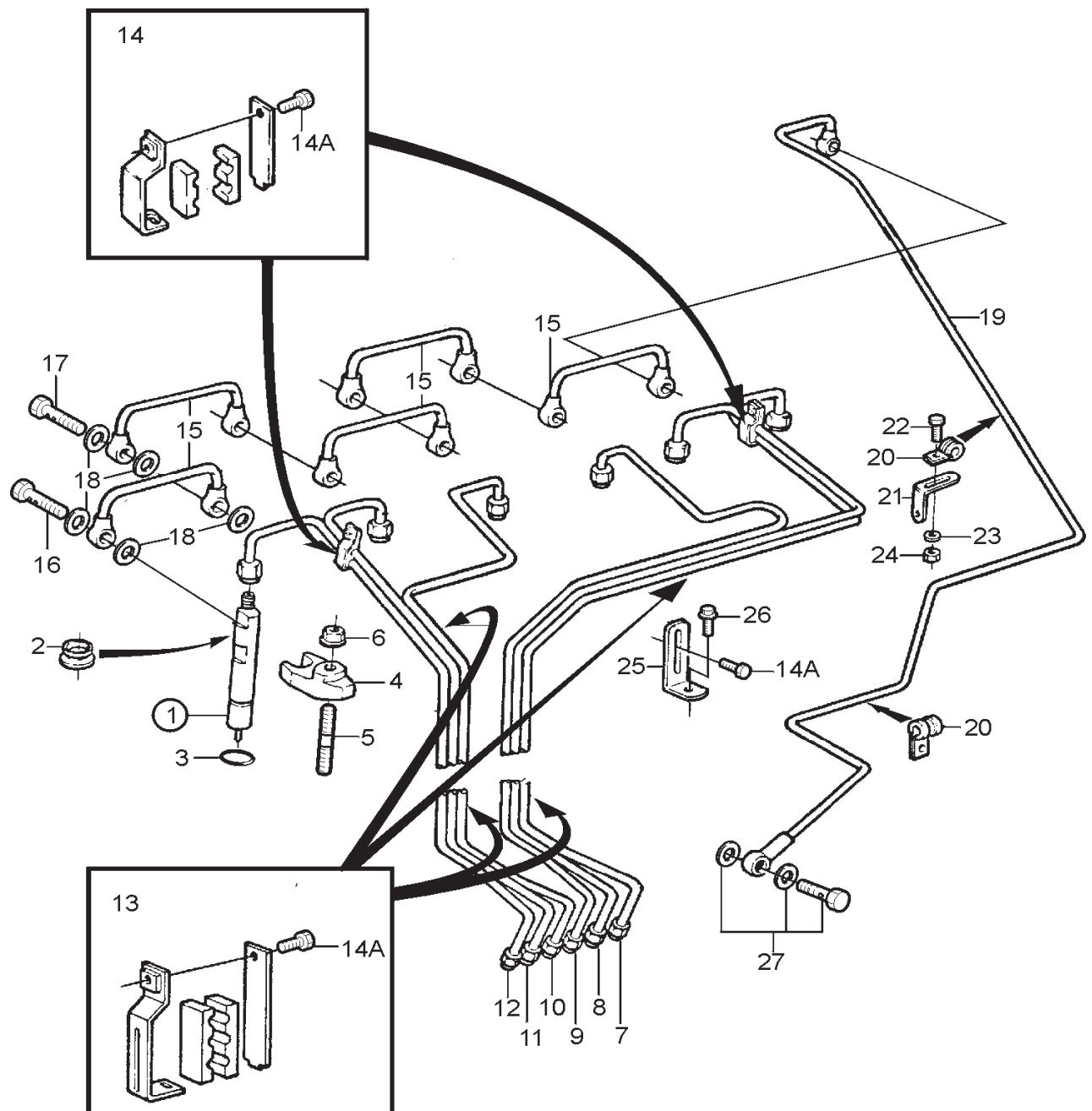
Koppling för insprutningspump med skydd

Group
Grupp

23

TAD1631G, TAD1631GE

A					B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
		A	B	C				
1	85461242	1	-	-	Pump companion guard	Pumpkopplingsskydd	SO	L=40mm L=45mm
2	85466993	2	-	-	Flange screw	Flänsskruv		
3	85466977	2	-	-	Flange screw	Flänsskruv		
4	85077394	1	-	-	Companion flange, rear	Medbringare, bakre		
5	85077386	1	-	-	Companion flange, front	Medbringare, främre		
6	85077428	1	-	-	Screw	Skruv		
7	85077360	1	-	-	Intermediate section	Mellanstycke		
8	85458438	8	-	-	Disc	Skiva		
9	85469542	6	-	-	Flange screw	Flänsskruv		
9A	85469708	2	-	-	Flange screw	Flänsskruv		
10	85469096	8	-	-	Washer	Bricka	OP	
11	85458420	8	-	-	Washer	Bricka		
12	85458370	8	-	-	Sleeve	Hylsa		
13	85075547	8	-	-	Nut	Mutter		
14	85077725	1	-	-	Gear, nitrocarburized	Kugghjul, nitrokarburerat		
15	85075661	6	-	-	Flange screw	Flänsskruv		
16	85464741	1	-	-	Axle shaft	Drivaxel		
17	85467637	1	-	-	• Pin	• Pinne		
18	85077733	1	-	-	Thrust washer	Axialbricka		
19	85077741	1	-	-	Washer	Bricka		
20	85077766	8	-	-	Six point socket scr, incl	Sextandhålskruv, inkl		
					sealing ring	tätningsring		



Injectors, Pressure Pipes and Leak-off Line

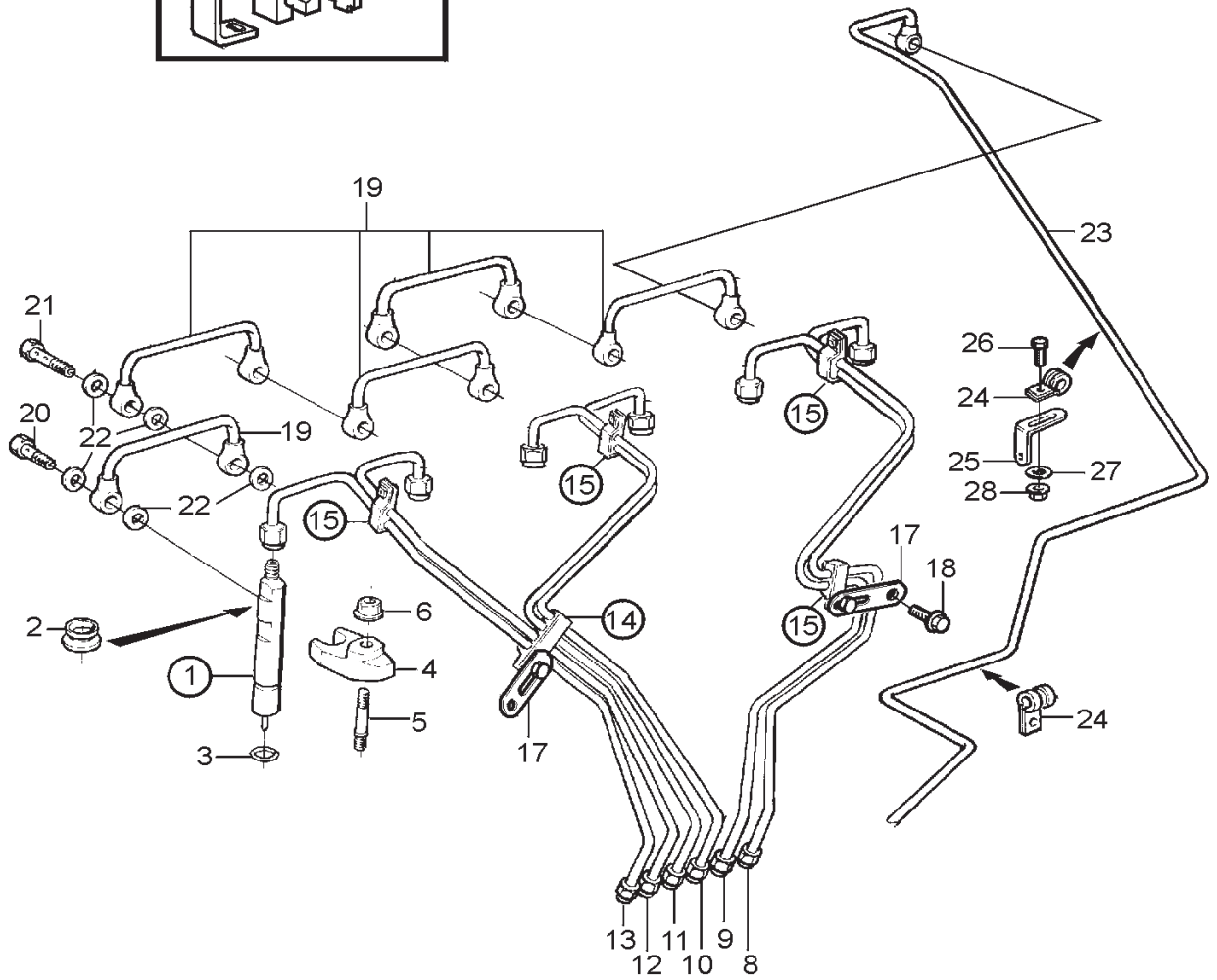
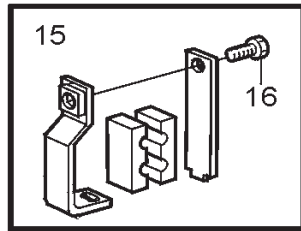
Insprutare, tryckrör och läckoljeledning

Group
Grupp**23**

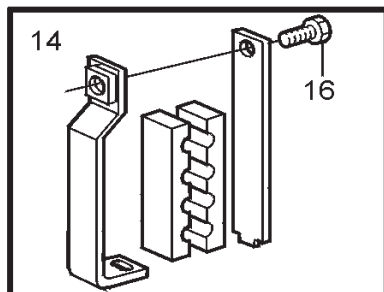
TWD1620G, TWD1630G

A TWD1620G				B TWD1630G		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
1	85076750	6	-	-	Injector	Insprutare	
					• Comps. see page 107	• Detaljer se sida 107	
	85422566	-	6	-	Injector	Insprutare	
					• Comps. see page 109	• Detaljer se sida 109	
2	85076743	6	-	-	Sealing ring	Tättningsring	1)
3	85076495	6	-	-	O-ring	O-ring	
4	85076404	6	6	-	Yoke	Ok	
5	85457257	6	6	-	Stud	Pinnskruv	
6	85076412	6	6	-	Nut	Mutter	
7	85461267	1	-	-	Delivery pipe	Tryckrör	CYL 1
	85070159	-	1	-	Delivery pipe	Tryckrör	
8	85461275	1	-	-	Delivery pipe	Tryckrör	CYL 2
	85070167	-	1	-	Delivery pipe	Tryckrör	
9	85461283	1	-	-	Delivery pipe	Tryckrör	CYL 3
	85070175	-	1	-	Delivery pipe	Tryckrör	
10	85461291	1	-	-	Delivery pipe	Tryckrör	CYL 4
	85070183	-	1	-	Delivery pipe	Tryckrör	
11	85461309	1	-	-	Delivery pipe	Tryckrör	CYL 5
	85070191	-	1	-	Delivery pipe	Tryckrör	
12	85461317	1	-	-	Delivery pipe	Tryckrör	CYL 6
	85070209	-	1	-	Delivery pipe	Tryckrör	
13	85072866	4	4	-	Clamp	Klamma	3-pipes (85055036)
14	85072858	2	2	-	Clamp	Klamma	2-pipes (85456952)
14A	85467025	6	6	-	• Flange screw	• Flänsskruv	
15	85076701	5	5	-	Tube	Rör	
16	85451607	2	2	-	Hollow screw	Hålskruv	
17	85075018	5	5	-	Hollow screw	Hålskruv	
18	85467199	17	17	-	Gasket	Packning	1)
19	85462620	1	1	-	Leak-off line	Läckoljeledning	
20	85467769	2	2	-	Clamp	Klamma	
21	85469815	1	1	-	Bracket	Konsol	
22	85468809	1	1	-	Screw	Skruv	
23	85468619	1	1	-	Washer	Bricka	
24	85466845	1	1	-	Flange nut	Flänsmutter	
25	85469807	2	2	-	Bracket	Konsol	
26	85466829	2	2	-	Flange screw	Flänsskruv	
27		-	-	-	Connector, leak off line	Anslutning, läckoljeledning	SEE PAGE 57

1) Included in gasket kit. 85451011



7



Injectors, Pressure Pipes and Leak-off Line

Insprutare, tryckrör och läckoljeledning

Group
Grupp**23**

TAD1630G, TAD1630GE

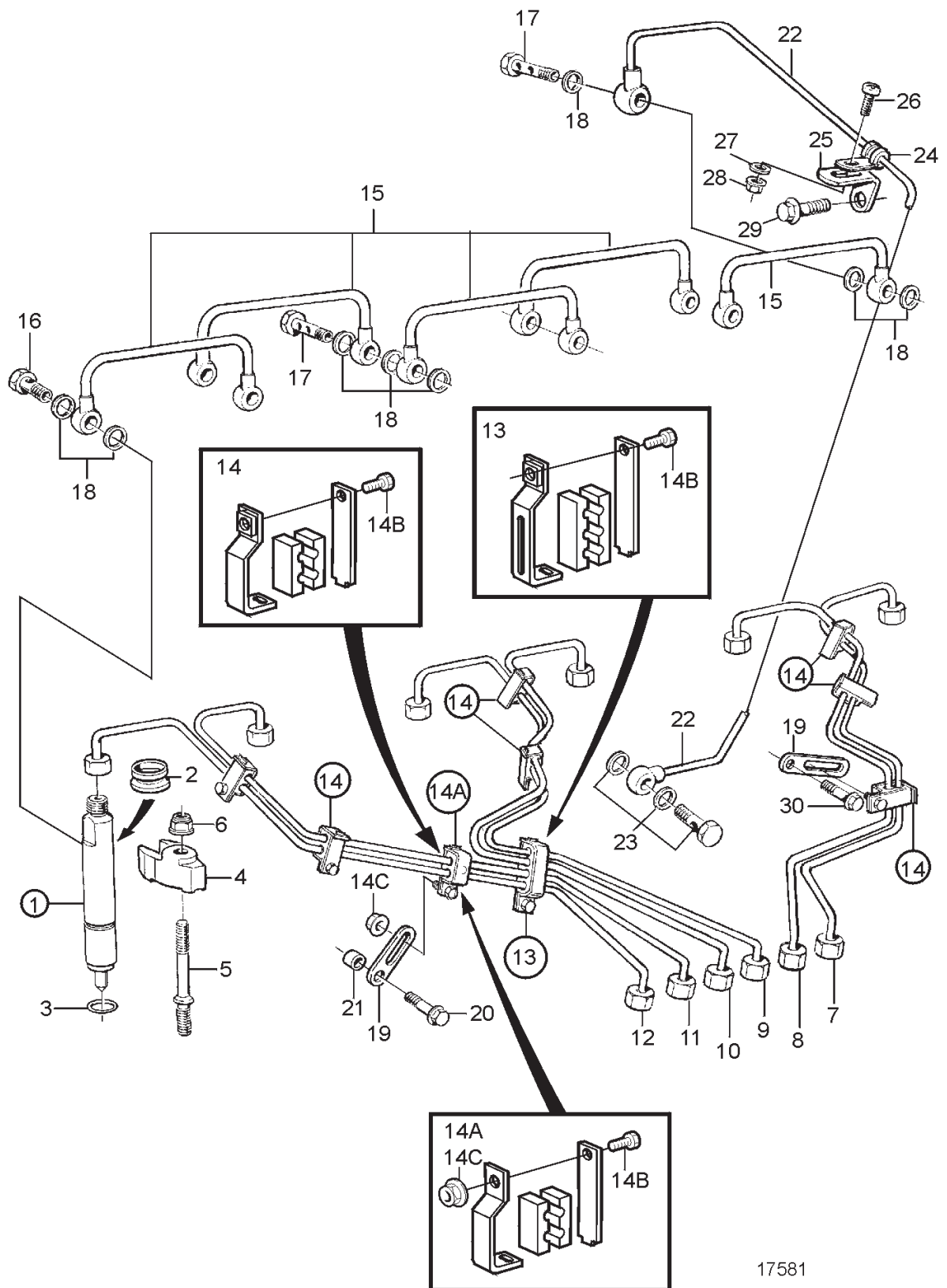
A					B		C	
Ref	Part No	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
pos	Artikel nr	A	B	C				
1	85450989	6	-	-	Injector	Insprutare	1)	
2	85076743	6	-	-	• Comps. see page 109	• Detaljer se sida 109		
3	85076495	6	-	-	Sealing ring	Tättningsring		
4	85076404	6	-	-	O-ring	O-ring		
5	85457257	6	-	-	Yoke	Ok		
6	85076412	6	-	-	Stud	Pinnskruv		
7	85057883	1	-	-	Nut	Mutter		
	85057891	1	-	-	Delivery pipe kit	Tryckrörsats		
8	85057909	1	-	-	Delivery pipe kit	Tryckrörsats		
9	85057917	1	-	-	• Delivery pipe	• Tryckrör		
10	85057925	1	-	-	• Delivery pipe	• Tryckrör	2)3) SN-2160023748 4) SN2160023749- CYL 1, SN2160023749- CYL 2, SN2160023749- CYL 3, SN2160023749- CYL 4, SN2160023749- CYL 5, SN2160023749- CYL 6, SN2160023749- 4-PIPE (85456960) 2-PIPE (85456952)	NS
11	85087933	1	-	-	• Delivery pipe	• Tryckrör		
12	85057941	1	-	-	• Delivery pipe	• Tryckrör		
13	85057958	1	-	-	• Delivery pipe	• Tryckrör		
14	85072874	1	-	-	• Clamp	• Klamma		
15	85072858	7	-	-	• Clamp	• Klamma		
16	85467025	8	-	-	• Flange screw	• Flänsskruv		
17	85455517	2	-	-	Bracket	Konsol		
18	85467025	2	-	-	Flange screw	Flänsskruv		
19	85076701	5	-	-	Tube	Rör		
20	85451607	2	-	-	Hollow screw	Hålskruv	1)	
21	85075018	5	-	-	Hollow screw	Hålskruv		
22	85467199	16	-	-	Gasket	Packning		
23	85464048	1	-	-	Leak-off line	Läckoljeledning		
24	85467769	2	-	-	Clamp	Klamma		
25	85469815	1	-	-	Bracket	Konsol		
26	85468809	1	-	-	Screw	Skruv		
27	85468619	1	-	-	Washer	Bricka		
28	85466845	1	-	-	Flange nut	Flänsmutter		

1) Included in gasket kit 85451011

2) Included parts are not stocked.

3) Can be replaced by ref 8-15, if all parts are replaced at the same time.

4) Only included parts are stocked.



Injectors, Pressure Pipes and Leak-off Line

Insprutare, tryckrör och läckoljeledning

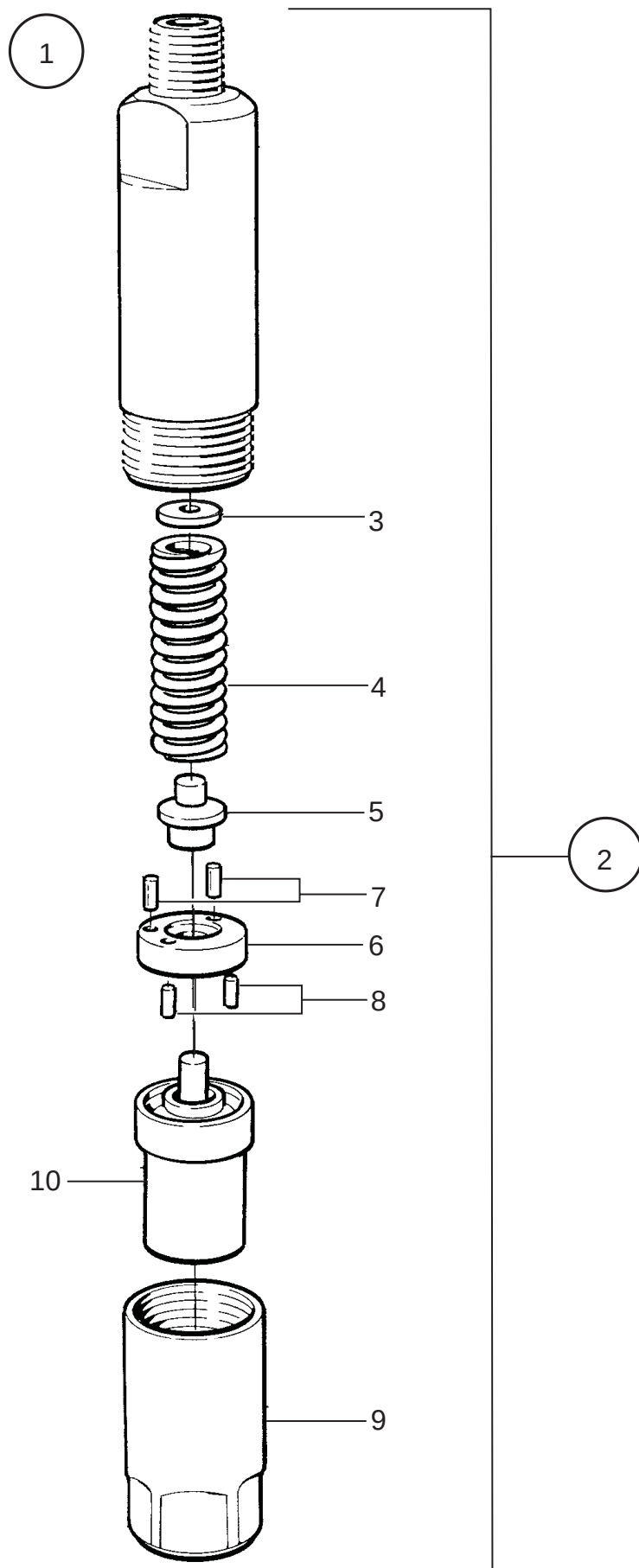
Group
Grupp**23**

TAD1631G, TAD1631GE

A				B		C	
Ref	Part No	Quantity/Antal			Description	Benämning	Notes/Anmärkning
pos	Artikel nr	A	B	C			
1	85425494	6	-	-	Injector	Insprutare	
2	85076743	6	-	-	• Comps. see page 111	• Detaljer se sida 111	1)
3	85076495	6	-	-	Sealing ring	Tättningsring	
4	85076404	6	-	-	O-ring	O-ring	
5	85457257	6	-	-	Yoke	Ok	
6	85076412	6	-	-	Stud	Pinnskruv	
7	85077527	1	-	-	Nut	Mutter	
8	85077535	1	-	-	Delivery pipe	Tryckrör	CYL 1
9	85077543	1	-	-	Delivery pipe	Tryckrör	CYL 2
10	85077550	1	-	-	Delivery pipe	Tryckrör	CYL 3
11	85077568	1	-	-	Delivery pipe	Tryckrör	CYL 4
12	85077576	1	-	-	Delivery pipe	Tryckrör	CYL 5
13	85072874	1	-	-	Clamp	Klamma	CYL 6
14	85072858	7	-	-	Clamp	Klamma	4-PIPE (85456960)
14A	85072817	1	-	-	Clamp	Klamma	2-PIPE (85456952)
14B	85467025	9	-	-	Flange screw	Flänsskruv	2-PIPE
14C	85466845	1	-	-	Flange nut	Flänsmutter	2)
15	85076701	5	-	-	Tube	Rör	FOR 85072817
16	85451607	1	-	-	Hollow screw	Hålskruv	
17	85075018	5	-	-	Hollow screw	Hålskruv	
18	85467199	17	-	-	Gasket	Packning	1)
19	85455517	2	-	-	Bracket	Konsol	
20	85467181	1	-	-	Screw	Skruv	
21	85467348	1	-	-	Spacer washer	Distansbricka	
22	85464048	1	-	-	Leak-off line	Läckoljeledning	
23		-	-	-	Connector, leak off line	Anslutning,	SEE PAGE 61
						läckoljeledning	
24	85467769	1	-	-	Clamp	Klamma	
25	85469815	1	-	-	Bracket	Konsol	
26	85468809	1	-	-	Screw	Skruv	
27	85468619	1	-	-	Washer	Bricka	
28	85466845	1	-	-	Flange nut	Flänsmutter	
29		1	-	-	Flange screw, timing gear	Flänsskruv,	
					casing	transmissionskåpa	
30		1	-	-	Flange screw, induction	Flänsskruv, insugningsrör	
					manifold		

1) Included in gasket kit 85451011.

2) For 85072817, 85072858 and 85072874.



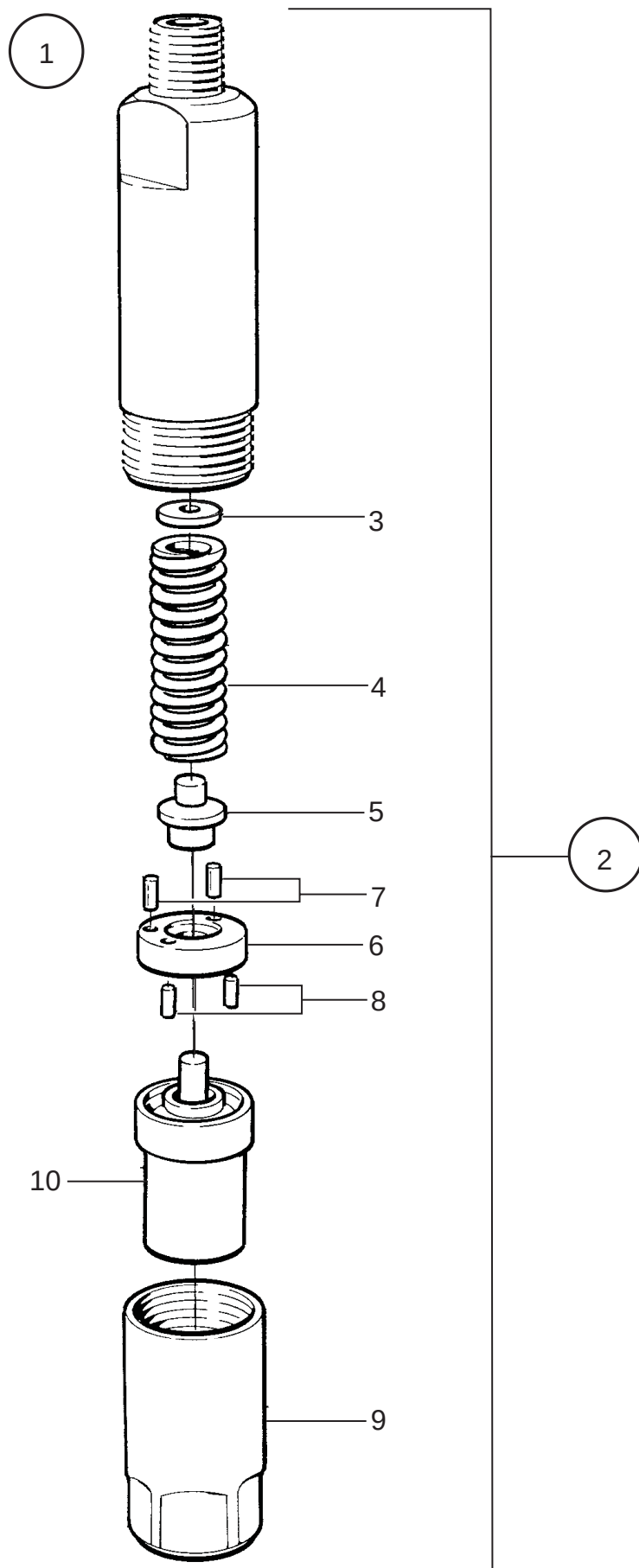
Fuel Injector, Components

Insprutare, detaljer

Group
Grupp**23**

A					B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
		A	B	C				
1	85422566	1	-	-	Injector	Insprutare		
2		1	-	-	• Nozzle retainer	• Spridarhållare		
3	85072098	X	-	-	• Adjusting washer	• Justerbricka	TH=0,80 mm	
	85072106	X	-	-	• Adjusting washer	• Justerbricka	TH=0,90mm	
	85072114	X	-	-	• Adjusting washer	• Justerbricka	TH=0,98mm	
	85464832	X	-	-	• Adjusting washer	• Justerbricka	TH=1,04 mm	
	85464840	X	-	-	• Adjusting washer	• Justerbricka	TH=1,10mm	
	85464857	X	-	-	• Adjusting washer	• Justerbricka	TH=1,14mm	
	85464865	X	-	-	• Adjusting washer	• Justerbricka	TH=1,20mm	
	85464873	X	-	-	• Adjusting washer	• Justerbricka	TH=1,24 mm	
	85464881	X	-	-	• Adjusting washer	• Justerbricka	TH=1,30mm	
	85464899	X	-	-	• Adjusting washer	• Justerbricka	TH=1,34 mm	
	84644907	X	-	-	• Adjusting washer	• Justerbricka	TH=1,40 mm	
	85464915	X	-	-	• Adjusting washer	• Justerbricka	TH=1,50mm	
	85464923	X	-	-	• Adjusting washer	• Justerbricka	TH=1,60mm	
	85464931	X	-	-	• Adjusting washer	• Justerbricka	TH=1,64 mm	
	85464949	X	-	-	• Adjusting washer	• Justerbricka	TH=1,70mm	
	85464956	X	-	-	• Adjusting washer	• Justerbricka	TH=1,74 mm	
	85464964	X	-	-	• Adjusting washer	• Justerbricka	TH=1,80mm	
	85464972	X	-	-	• Adjusting washer	• Justerbricka	TH=1,84 mm	
	85464980	X	-	-	• Adjusting washer	• Justerbricka	TH=1,90 mm	
	85464998	X	-	-	• Adjusting washer	• Justerbricka	TH=1,94 mm	
4	85453371	1	-	-	• Spring	• Fjäder		
5	85453363	1	-	-	• Push rod	• Tryckstång		
6	85079093	1	-	-	• Washer	• Bricka		
7	85459840	2	-	-	• Pin	• Pinne		
8	85459493	2	-	-	• Locating pin	• Styrpinne		
9	85454411	1	-	-	• Nut	• Mutter		
10	85450757	1	-	-	• Nozzle	• Spridare		

TH=0,80 mm
 TH=0,90mm
 TH=0,98mm
 TH=1,04 mm
 TH=1,10mm
 TH=1,14mm
 TH=1,20mm
 TH=1,24 mm
 TH=1,30mm
 TH=1,34 mm
 TH=1,40 mm
 TH=1,50mm
 TH=1,60mm
 TH=1,64 mm
 TH=1,70mm
 TH=1,74 mm
 TH=1,80mm
 TH=1,84 mm
 TH=1,90 mm
 TH=1,94 mm



Fuel Injector, Components

Insprutare, detaljer

Group
Grupp**23**

A					B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
		A	B	C				
1	85425494	6	-	-	Injector	Insprutare		
2		1	-	-	• Nozzle retainer	• Spridarhållare		
3	85072098	X	-	-	• Adjusting washer	• Justerbricka	TH=0,80 mm	
	85072106	X	-	-	• Adjusting washer	• Justerbricka	TH=0,90mm	
	85072114	X	-	-	• Adjusting washer	• Justerbricka	TH=0,98mm	
	85464832	X	-	-	• Adjusting washer	• Justerbricka	TH=1,04 mm	
	85464840	X	-	-	• Adjusting washer	• Justerbricka	TH=1,10mm	
	85464857	X	-	-	• Adjusting washer	• Justerbricka	TH=1,14mm	
	85464865	X	-	-	• Adjusting washer	• Justerbricka	TH=1,20mm	
	85464873	X	-	-	• Adjusting washer	• Justerbricka	TH=1,24 mm	
	85464881	X	-	-	• Adjusting washer	• Justerbricka	TH=1,30mm	
	85464899	X	-	-	• Adjusting washer	• Justerbricka	TH=1,34 mm	
	85464907	X	-	-	• Adjusting washer	• Justerbricka	TH=1,40 mm	
	85464915	X	-	-	• Adjusting washer	• Justerbricka	TH=1,50mm	
	85464923	X	-	-	• Adjusting washer	• Justerbricka	TH=1,60mm	
	85464931	X	-	-	• Adjusting washer	• Justerbricka	TH=1,64 mm	
	85464949	X	-	-	• Adjusting washer	• Justerbricka	TH=1,70mm	
	85464956	X	-	-	• Adjusting washer	• Justerbricka	TH=1,74 mm	
	85464964	X	-	-	• Adjusting washer	• Justerbricka	TH=1,80mm	
	85464972	X	-	-	• Adjusting washer	• Justerbricka	TH=1,84 mm	
	85464980	X	-	-	• Adjusting washer	• Justerbricka	TH=1,90 mm	
	85464998	X	-	-	• Adjusting washer	• Justerbricka	TH=1,94 mm	
4	85453371	1	-	-	• Spring	• Fjäder		
5	85453363	1	-	-	• Push rod	• Tryckstång		
6	85079093	1	-	-	• Washer	• Bricka		
7	85459840	2	-	-	• Pin	• Pinne		
8	85459493	2	-	-	• Locating pin	• Styrpinne		
9	85454411	1	-	-	• Nut	• Mutter		
10	85450591	1	-	-	• Nozzle	• Spridare		

TH=0,80 mm
 TH=0,90mm
 TH=0,98mm
 TH=1,04 mm
 TH=1,10mm
 TH=1,14mm
 TH=1,20mm
 TH=1,24 mm
 TH=1,30mm
 TH=1,34 mm
 TH=1,40 mm
 TH=1,50mm
 TH=1,60mm
 TH=1,64 mm
 TH=1,70mm
 TH=1,74 mm
 TH=1,80mm
 TH=1,84 mm
 TH=1,90 mm
 TH=1,94 mm

Air Filter					Luftfilter		Group Grupp
TWD1620G, TWD1630G							25
A				B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
1	85070449	1	-	-	Connecting pipe	Anslutningsrör	TWD1620G TWD1630G
2	85460293	1	-	-	Rubber fitting	Gummikona	
	85464362	1	-	-	Sleeve	Kona	
3		9	-	-	Hose clamp	Slangklämma	1)
3A	85077071	3	-	-	Hose clamp	Slangklämma	2)
3B	85077063	2	-	-	Hose clamp	Slangklämma	
4		1	-	-	Hose clamp	Slangklämma	
4A	85077055	1	-	-	Hose clamp	Slangklämma	
5	85451862	1	-	-	Nipple	Nippel	
6	85459113	1	-	-	Vacuum gauge	Vakuummeter	
7	85462752	1	-	-	Bracket	Konsol	
8	85461804	2	-	-	Spacer sleeve	Distanshylsa	
9	85466134	2	-	-	Screw	Skruv	
10	85468635	2	-	-	Washer	Bricka	
11	85466936	1	-	-	Flange screw	Flänsskruv	
12	85467322	1	-	-	Lock nut	Låsmutter	
13	85462703	1	-	-	Bracket	Konsol	
14	85462695	1	-	-	Bracket	Konsol	
15	85466878	2	-	-	Flange screw	Flänsskruv	
16	85469500	1	-	-	Screw	Skruv	
17	85458883	1	-	-	Spacer sleeve	Distanshylsa	
18	85467306	1	-	-	Screw	Skruv	
19	85462729	1	-	-	Sleeve	Hylsa	
20	85400737	2	-	-	Air filter	Luftfilter	
21	85458982	2	-	-	Rubber fitting	Gummikona	
22	85458784	2	-	-	Tensioning band	Spännband	
23	85451508	2	-	-	Pin	Tapp	
24	85451516	2	-	-	Pin	Tapp	
25	85451524	2	-	-	Screw	Skruv	
26	85462836	1	-	-	Protecting plate	Skyddsplåt	3)
27	85462844	1	-	-	Protecting plate	Skyddsplåt	3)
28	85070126	1	-	-	Protecting plate	Skyddsplåt	3)
	85071694	1	-	-	Protecting plate	Skyddsplåt	
29	85466829	2	-	-	Flange screw	Flänsskruv	
30	85075042	2	-	-	Screw	Skruv	3) (85469476)
31	85462885	1	-	-	Bracket	Konsol	
32	85075042	2	-	-	Screw	Skruv	(85469476)
33	85469526	2	-	-	Flange screw	Flänsskruv	

1) Replaced by 2pc hose clamp 85077063 and
2pc hose clamp 85077071.

2) Replaced by 1pc hose clamp 85077055.

3) Replaced by protecting plate 85071694.

Air Filter					Luftfilter					Group Grupp		
TAD1630G, TAD1630GE, TAD1631G, TAD1631GE												25
A					B					C		
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning				Notes/Anmärkning		
		A	B	C								
1	85400737	2	-	-	Air filter	Luftfilter						
2	85460921	2	-	-	Tensioning band	Spännband						
3	85451508	2	-	-	Pin	Tapp						
4	85451516	2	-	-	Pin	Tapp						
5	85451524	2	-	-	Screw	Skruv						
6	85463982	2	-	-	Rubber collar	Gummikrage						
7	85466753	9	-	-	Hose clamp	Slangklamma					1) EARLIER PROD LATER PROD LATER PROD	
7A	85077071	3	-	-	Hose clamp	Slangklämma						
7B	85078095	2	-	-	Hose clamp	Slangklämma						
8	85055044	1	-	-	Rubber collar	Gummikrage						
9	85055051	1	-	-	Clamp	Klamma					EARLIER PROD	
9A	85055069	1	-	-	Hose clamp	Slangklämma					2) LATER PROD	
10	85070456	1	-	-	Connecting pipe	Anslutningsrör						
11	85451862	1	-	-	Nipple	Nippel						
12	85459113	1	-	-	Vacuum gauge	Vakuummeter						
13	85055077	3	-	-	Sleeve	Hylsa					L=59mm	
14	85055085	4	-	-	Screw	Skruv						
15	85075711	2	-	-	Washer	Bricka						
16	85469708	1	-	-	Stay	Stag						
17	85466936	1	-	-	Flange screw	Flänsskruv						
18	85467322	1	-	-	Lock nut	Låsmutter						
19	85055093	1	-	-	Bracket	Konsol						
20	85464022	1	-	-	Bend	Krök						
21	85075851	1	-	-	Hose clamp	Slangklämma						
22	85469211	1	-	-	Hose clamp	Slangklamma						

1) Replaced by 3pc hose clamp 85077071 and
2pc hose clamp 85078095.

2) Replaced by 1pc hose clamp 85055069.

Induction Manifold and Intercooler

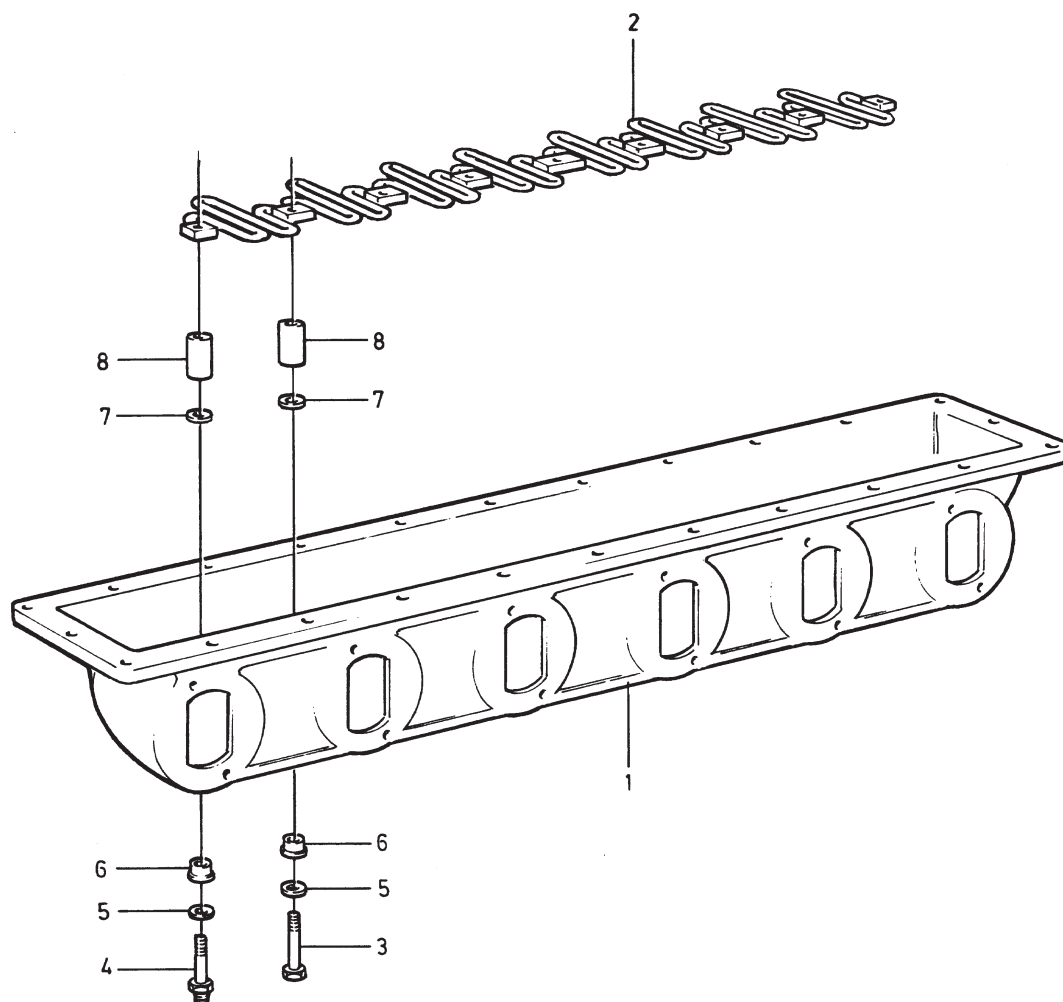
Insugningsrör och
laddluftkylareGroup
Grupp**25**

TWD1620G, TWD1630G

A				B		C	
Ref	Part No	Quantity/Antal			Description	Benämning	Notes/Anmärkning
pos	Artikel nr	A	B	C			
1		1	-	-	Inlet pipe, with starter	Inloppsrör, med.	SEE PAGE 119 <

L=130 mm
L=160mm

SEE GROUP 99

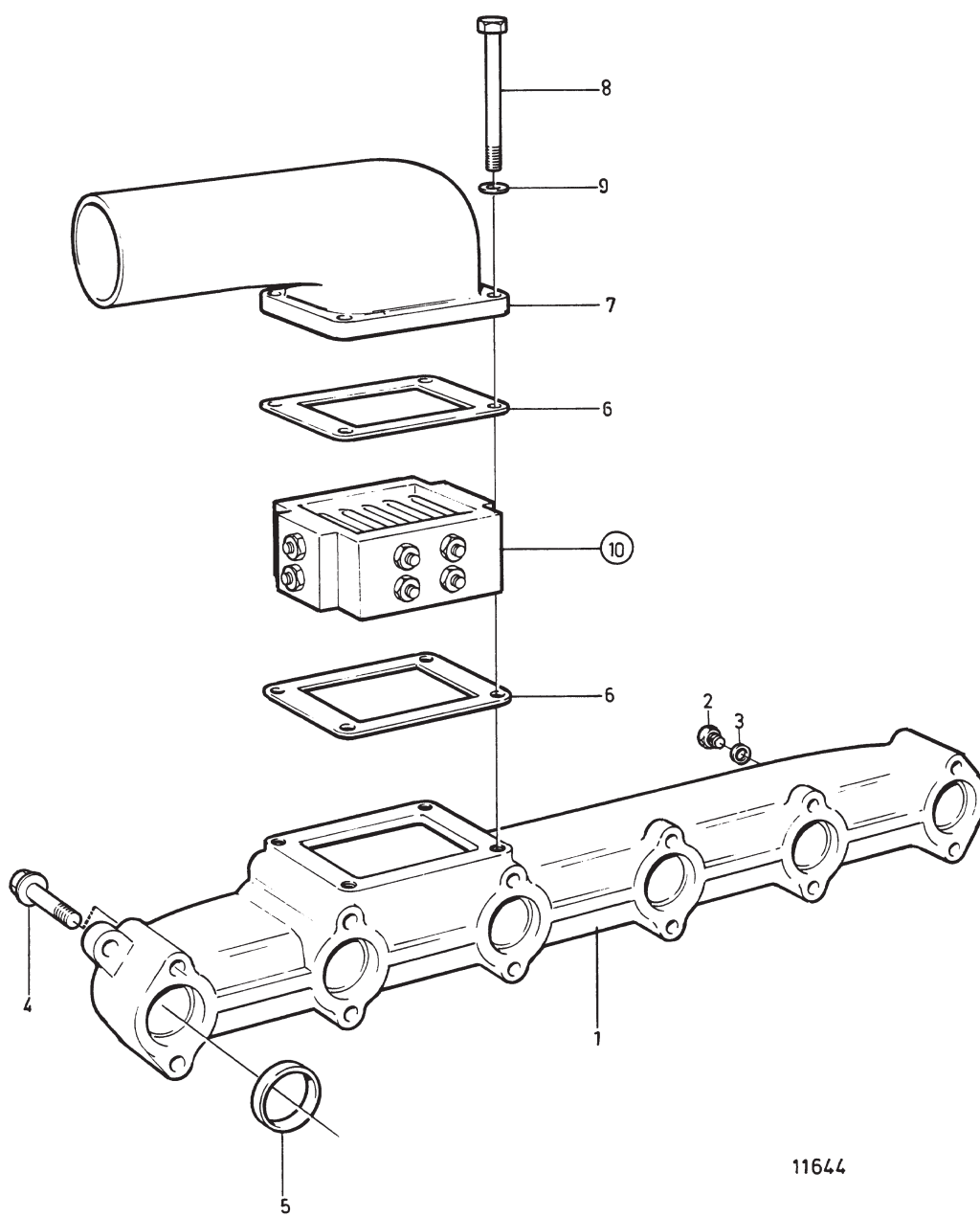


11650

Induction Manifold with Starter Element**Insugningsrör med startelement**Group
Grupp**25**

TWD1620G, TWD1630G

A				B				C			
Ref	Part No	Quantity/Antal			Description		Benämning		Notes/Anmärkning		
pos	Artikel nr	A	B	C							
1	85070829	1	-	-	Inlet pipe	Inloppsror					
2	85452646	1	-	-	Wire element	Trådelement					
3	85468130	7	-	-	Screw	Skruv					
4	85461010	2	-	-	Terminal screw	Polskruv					
5	85451946	9	-	-	Washer	Bricka					
6	85456481	9	-	-	Bushing	Bussning					
7	85468637	9	-	-	Washer	Bricka					
8	85461002	9	-	-	Sleeve	Hylsa					



11644

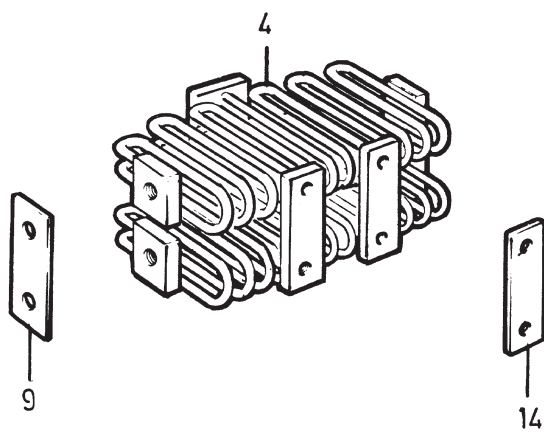
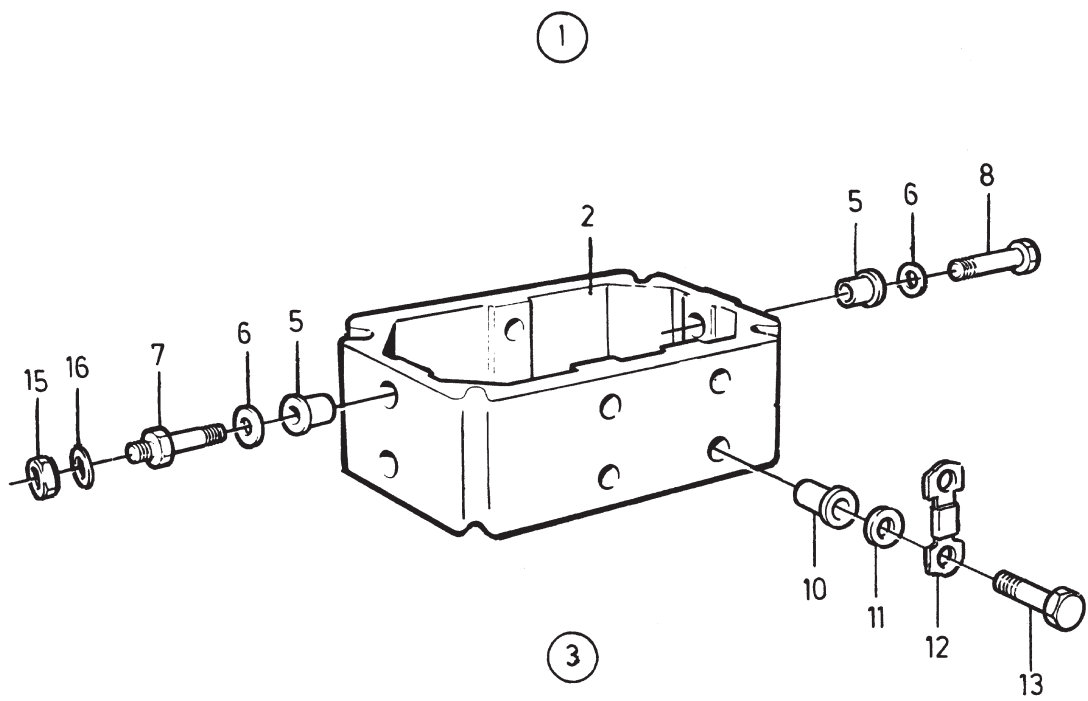
Induction Manifold with Starter Element

Insugningsrör med startelement

Group
Grupp**25**

TAD1630G, TAD1630GE, TAD1631G, TAD1631GE

A					B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
		A	B	C				
1	85055101	1	-	-	Inlet pipe	Inloppsrör	L=80mm L=140mm	
2	85469104	1	-	-	Plug	Propp		
3	85451359	1	-	-	Gasket.	Packning.		
4	85469518	10	-	-	Flange screw.	Flänsskruv		
	85075208	2	-	-	Flange screw.	Flänsskruv		
5	85076198	6	-	-	Sealing ring	Tättningsring		
6	85455814	2	-	-	Gasket.	Packning.		
7	85056505	1	-	-	Connecting pipe	Anslutningsrör.		
	85055119	1	-	-	Pipe	Rör		
8	85469526	4	-	-	Flange screw.	Flänsskruv		
9	85466381	4	-	-	Spring washer	Fjädrande bricka.		
10		1	-	-	Starter element	Startelement		
						• Comps. see page 123	• Detaljer se sida 123	



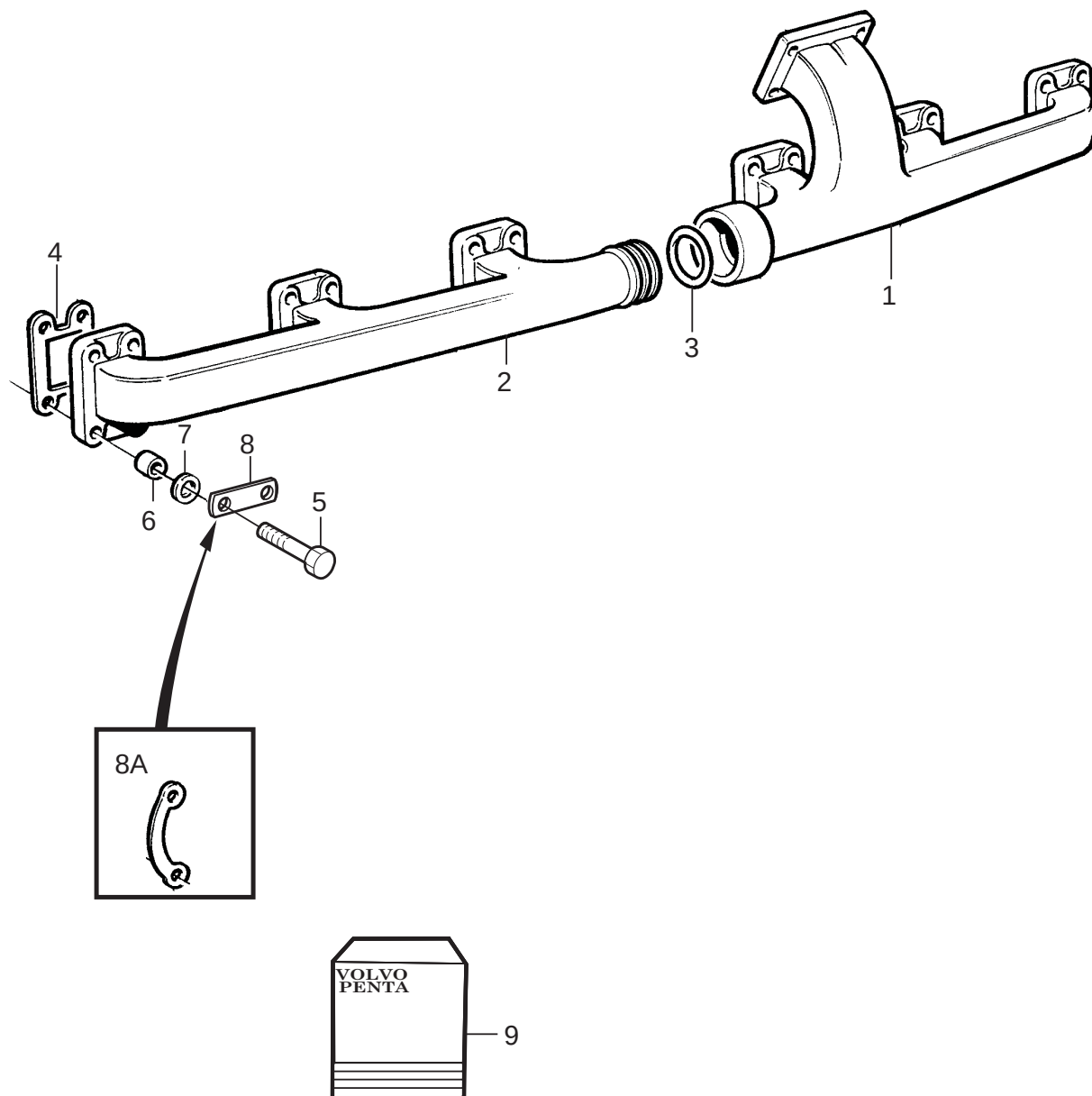
11649

Starter Element**Startelement**Group
Grupp**25**

TAD1630G, TAD1630GE, TAD1631G, TAD1631GE

A				B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
1	85457919	1	-	-	Starter element	Startelement	
2	85466986	1	-	-	• Intermediate section	• Mellanstycke	
3	85458081	1	-	-	• Starter element kit	• Startelementsats	
4	85457901	1	-	-	• Wire element	• Trådelement	
5	85456481	4	-	-	• Bushing	• Bussning	
6	85467371	4	-	-	• Washer	• Bricka	
7	85076065	2	-	-	• Screw	• Skruv	
8	85467538	2	-	-	• Screw	• Skruv	
9	85458040	2	-	-	• Gasket	• Packning	
10	85456457	6	-	-	• Sleeve	• Hylsa	
11	85451870	6	-	-	• Washer	• Bricka	
12	85456499	3	-	-	• Striker plate	• Låsbleck	
13	85468023	6	-	-	• Screw	• Skruv	
	85467447	6	-	-	• Screw	• Skruv	
14	85458057	3	-	-	• Gasket	• Packning	
15	85451342	2	-	-	Nut	Mutter	
16	85468635	2	-	-	Washer	Bricka	

EARLIER PROD
EARLIER PROD
LATER PROD

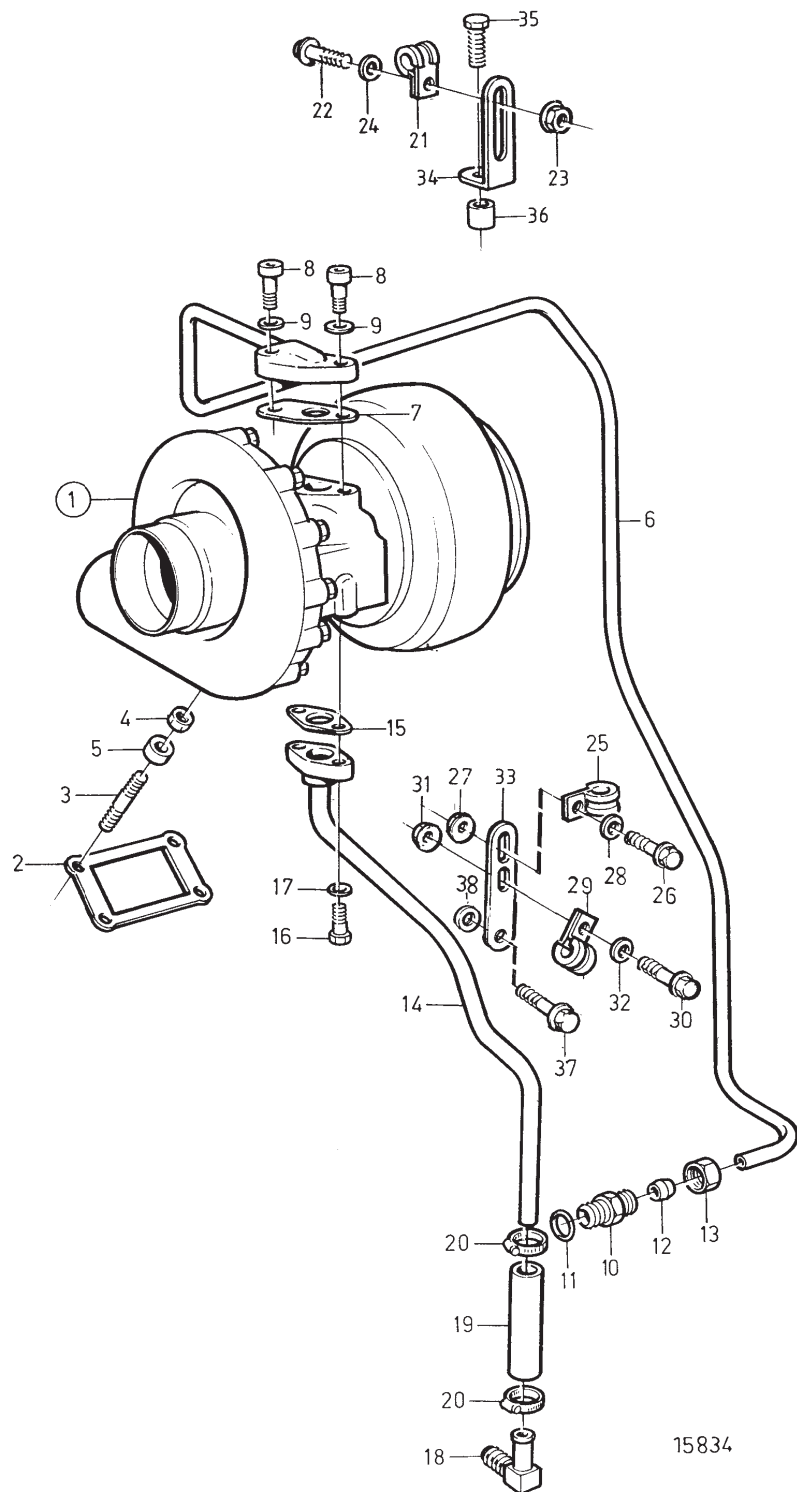


17449

Air Compressor**Avgasrör**Group
GruppTWD1620G, TWD1630G, TAD1630G, TAD1630GE,
TAD1631G, TAD1631GE**25**

A					B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
		A	B	C				
1	85071884	1	-	-	Exhaust pipe	Avgasrör	LATER PROD 1) EARLIER PROD	
2	85076453	1	-	-	Exhaust pipe	Avgasrör		
3	85457034	4	-	-	Sealing ring	Tätningssring		
4	85079465	6	-	-	Gasket	Packning		
5	85075323	24	-	-	Screw	Skruv		
6	85455939	24	-	-	Spacer sleeve	Distanshylsa		
7	85451839	24	-	-	Washer	Bricka		
8	85469989	12	-	-	Lock washer	Låsbricka		
8A	85076693	12	-	-	Striker plate	Låsbleck		
9	85450617	1	-	-	Gasket kit	Packningsats		

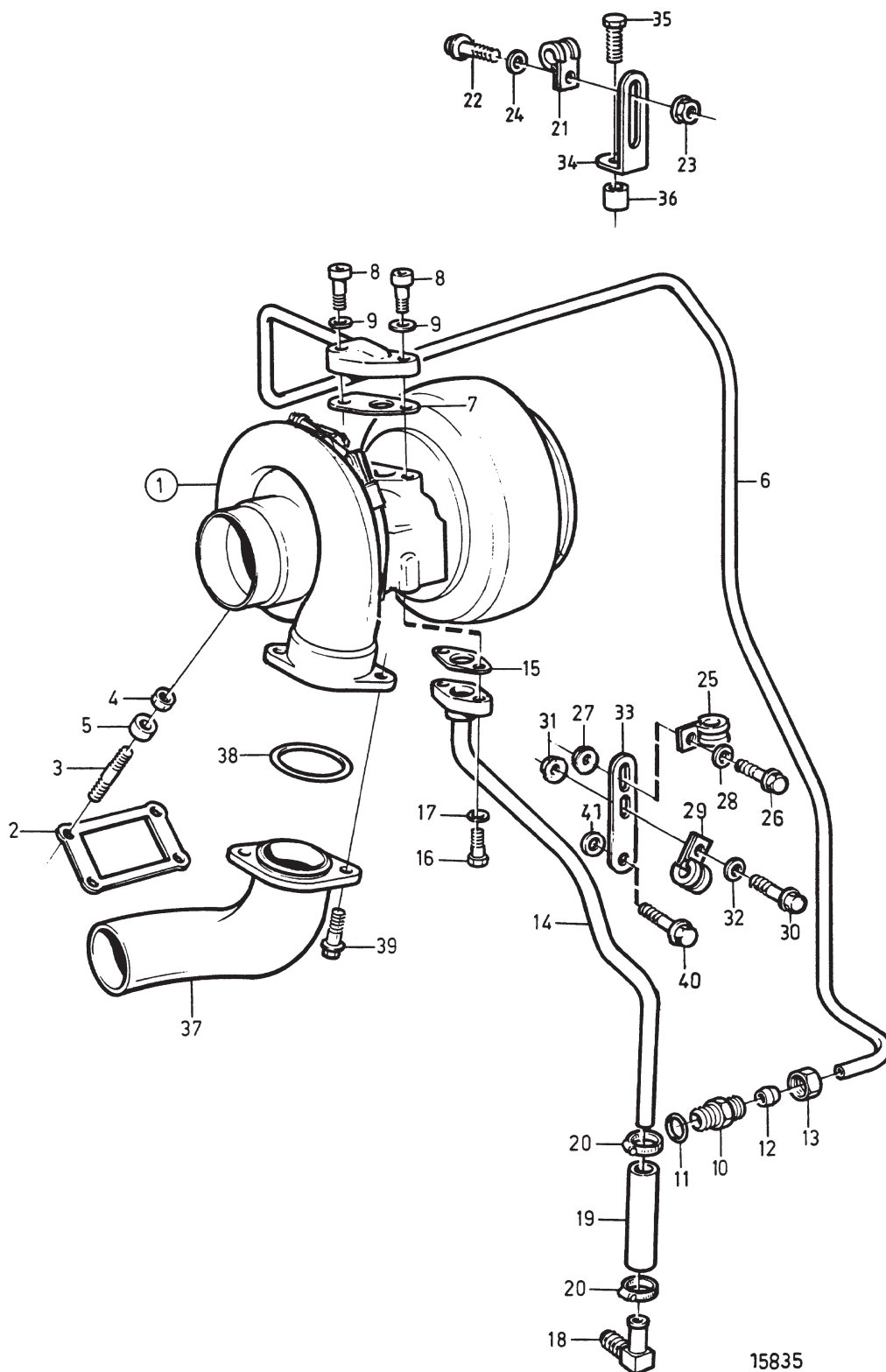
1) Replaced by 85469989.



15834

Turbocharger					Turbo		Group Grupp	
TWD1620G, TWD1630G								25
A					B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
		A	B	C				
1	85461721	1	-	-	Turbo.	Turbo	TWD1620G	TWD1630G
	85450997	1	-	-	• Comps. see page 133	• Detaljer se sida 133		
2	85463842	1	-	-	Turbo.	Turbo	1) REPL BY 85070761	L=25mm L=30mm
3	85075745	4	-	-	• Comps. see page 133	• Detaljer se sida 133		
4	85076412	4	-	-	Gasket.	Packning.		
5	85457216	4	-	-	Stud.	Pinnskruv		
6	85461192	1	-	-	Nut	Mutter		
	85070761	1	-	-	Spacer sleeve	Distanshylsa		
7	85455129	1	-	-	Tube	Rör		
8	85468973	1	-	-	Oil feed pipe	Tryckoljerör.		
	85468981	1	-	-	Gasket.	Packning.		
9	85468643	2	-	-	Screw	Skruv		
10	85466217	1	-	-	Screw	Skruv		
11	85451276	1	-	-	Washer	Bricka		
12	85075885	1	-	-	Nipple	Nippel		
13	85466225	1	-	-	Gasket.	Packning.		
14	85461200	1	-	-	Ferrule.	Skärring		
15	85076255	1	-	-	Nut	Mutter		
16	85075299	2	-	-	Tube	Rör		
17	85466399	2	-	-	Gasket.	Packning.		
18	85458511	1	-	-	Screw	Skruv		
19	85456036	1	-	-	Spring washer	Fjädrande bricka.		
20	85466688	2	-	-	Elbow nipple	V-nippel		
21	85467777	1	-	-	Rubber hose	Gummislang		
22	85467025	1	-	-	Hose clamp	Slangklamma		
23	85466845	1	-	-	Clamp	Klammer		
24	85468619	1	-	-	Flange screw.	Flänsskruv		
25	85467777	1	-	-	Flange nut	Flänsmutter.		
26	85467025	1	-	-	Washer	Bricka		
27	85466845	1	-	-	Clamp	Klammer		
28	85468619	1	-	-	Flange screw.	Flänsskruv		
29	85467793	1	-	-	Flange nut	Flänsmutter.		
30	85467025	1	-	-	Washer	Bricka		
31	85456845	1	-	-	Clamp	Klammer		
32	85468619	1	-	-	Flange screw.	Flänsskruv		
33	85469781	1	-	-	Flange nut	Flänsmutter.		
34	85459823	1	-	-	Washer	Bricka		
35	85451664	1	-	-	Bracket	Konsol.		
36	85056257	1	-	-	Bracket	Konsol.		
37		1	-	-	Screw	Skruv		
38	85469179	1	-	-	Spacer sleeve	Distanshylsa		
		1	-	-	Screw, oil-filter housing.	Skruv, oljefilterhus		
		1	-	-	Washer	Bricka		

1) Only together with radiation shield 85070126.



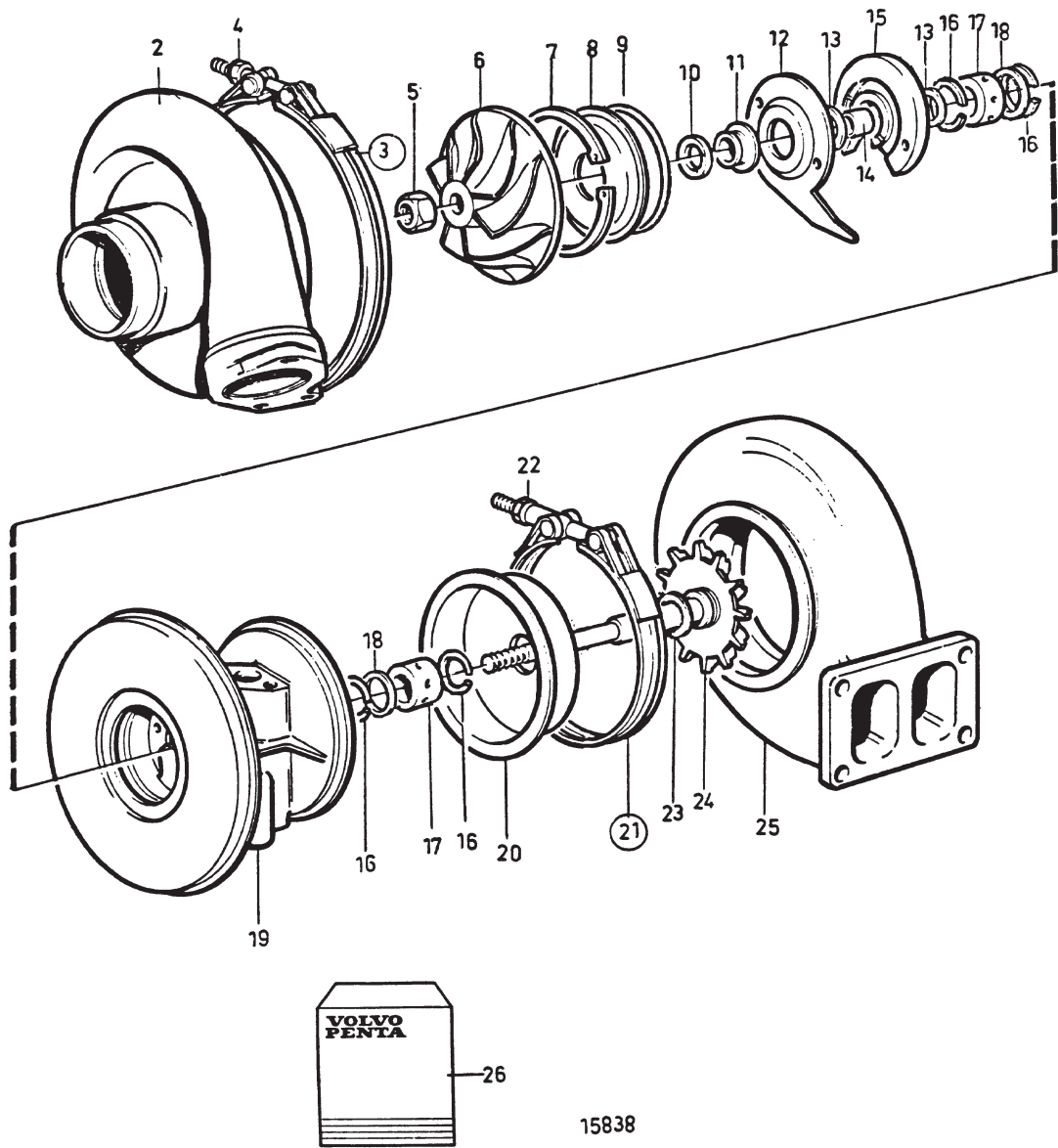
15835

Turbocharger**Turbo**Group
Grupp**25**

TAD1630G, TAD1630GE, TAD1631G, TAD1631GE

A TAD1630G, TAD1630GE			B TAD1631G, TAD1631GE			C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
1	85464097	1	-	-	Turbo.	Turbo.	
					• Comps. see page 131	• Detaljer se sida 131	
	85451144	-	1	-	Turbo.	Turbo.	
					• Comps. see page 131	• Detaljer se sida 131	
2	85463842	1	1	-	Gasket.	Packning.	
3	85075745	4	4	-	Stud.	Pinnskruv	
4	85076412	4	4	-	Nut	Mutter	(85457687)
5	85457216	4	4	-	Spacer sleeve	Distanshylsa	
6	85070779	1	1	-	Oil feed pipe	Tryckoljerör.	
7	85455129	1	1	-	Gasket.	Packning.	
8	85468973	1	1	-	Screw	Skruv	L=25mm
	85468981	1	1	-	Screw	Skruv	L=30mm
9	85468643	2	2	-	Washer	Bricka	
10	85466217	1	1	-	Nipple	Nippel	
11	85467215	1	1	-	Gasket.	Packning.	
12	85078434	1	1	-	Ferrule	Skärring	
13	85466225	1	1	-	Nut	Mutter	
14	85461200	1	1	-	Tube	Rör	
15	85076255	1	1	-	Gasket.	Packning.	
16	85075299	2	2	-	Screw	Skruv	
17	85466399	2	2	-	Spring washer	Fjädrande bricka	
18	85458511	1	-	-	Elbow nipple	V-nippel	
	85075901	-	1	-	Elbow nipple	V-nippel	
19	85456036	1	1	-	Rubber hose	Gummislang	
20	85466688	2	2	-	Hose clamp	Slangklamma	
21	85467777	1	1	-	Clamp	Klammer	
22	85467025	1	1	-	Flange screw	Flänsskruv	
23	85466845	1	1	-	Flange nut	Flänsmutter.	
24	85468619	1	1	-	Washer	Bricka	
25	85467777	1	1	-	Clamp	Klammer	
26	85467025	1	1	-	Flange screw	Flänsskruv	
27	85466845	1	1	-	Flange nut	Flänsmutter.	
28	85468619	1	1	-	Washer	Bricka	
29	85467793	1	1	-	Clamp	Klammer	
30	85467025	1	1	-	Flange screw	Flänsskruv	
31	85466845	1	1	-	Flange nut	Flänsmutter.	
32	85468619	1	1	-	Washer	Bricka	
33	85469781	1	1	-	Bracket	Konsol.	
34	85469823	1	1	-	Bracket	Konsol.	
35	85451664	1	1	-	Screw	Skruv	
36	85075966	1	1	-	Spacer washer	Distansbricka	(85056257)
37	85075974	1	-	-	Connecting pipe	Anslutningsrör.	
	85079655	-	1	-	Connecting pipe	Anslutningsrör.	
38	85079838	1	1	-	Sealing ring	Tättningsring	
39	85466951	2	2	-	Screw	Skruv	(85054559)
40		1	1	-	Screw, oil-filter housing	Skruv, oljefilterhus	SEE PAGE 47
		-	-	-			SEE PAGE 49
41	85469179	1	1	-	Washer	Bricka	

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15838

Turbocharger, Components

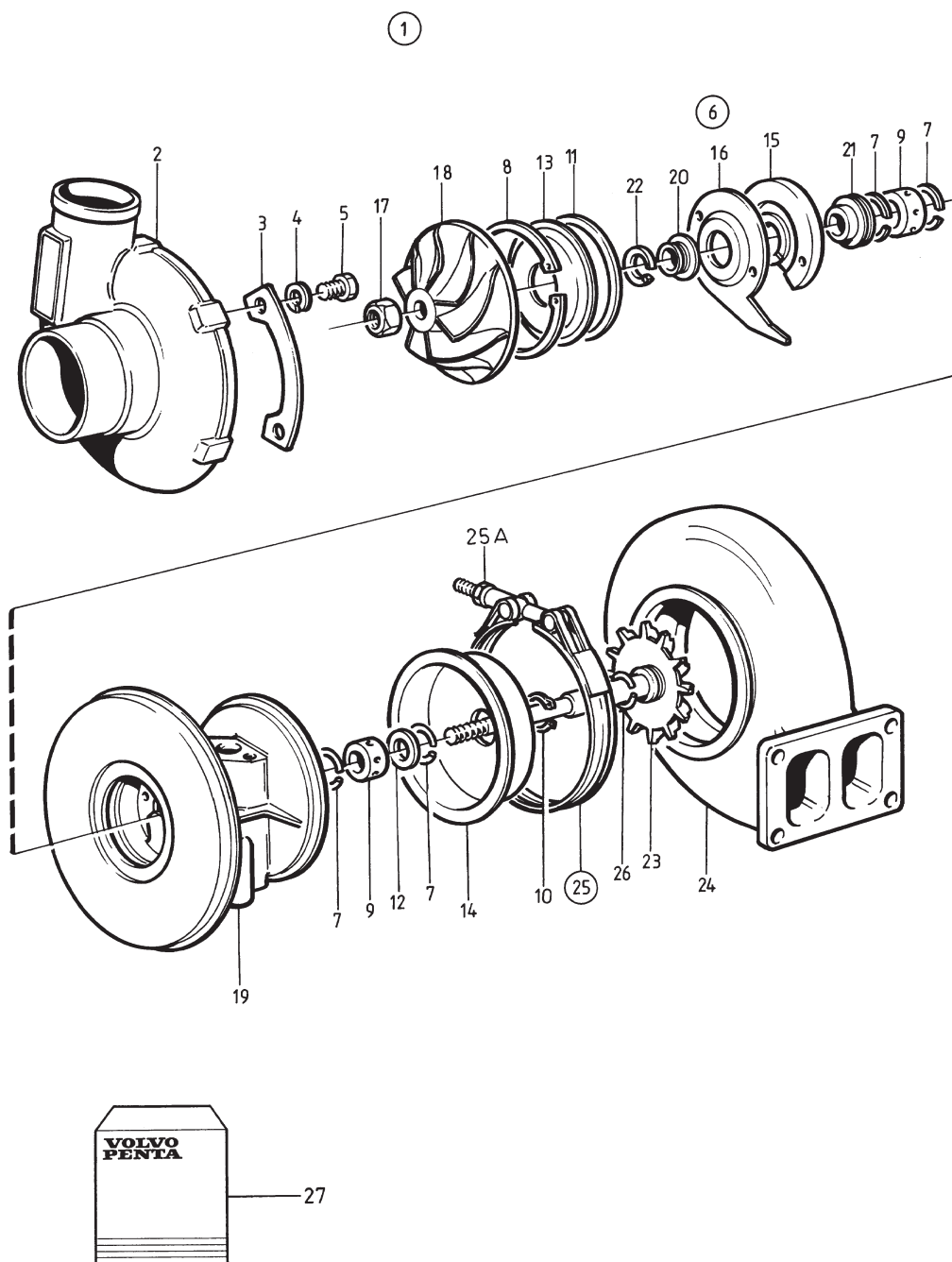
Turbo, detaljer

Group
Grupp**25**

A 85464097				B 85451144				C			
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning			Notes/Anmärkning		
		A	B	C							
1	85464097	1	-	-	Turbo.....	Turbo.....					
2	85451144	-	1	-	Turbo.....	Turbo.....					
3	85070365	1	1	-	• Compressor housing	• Kompressorhus			OP	1)	
4		1	1	-	• Clamp	• Klamma				1)	
5		1	1	-	• Lock nut	• Låsmutter					
6		1	1	-	• Lock nut	• Låsmutter					
7		1	1	-	• Compressor wheel	• Kompressorhjul					
8		1	1	-	• Lock ring	• Låsring					
9		1	1	-	• Cover	• Lock				1)	
10		1	1	-	• O-ring	• O-ring				1)	
11		1	1	-	• Piston ring	• Kolvring				1)	
12		1	1	-	• Oil deflector	• Oljeavkastare					
13		1	1	-	• Splash plate	• Stänklåt					
14		2	2	-	• Thrust ring	• Tryckring				1)	
15		1	1	-	• Spacer	• Distans					
16		1	1	-	• Bearing	• Lager				1)	
17		4	4	-	• Lock ring	• Låsring				1)	
18		2	2	-	• Bearing	• Lager				1)	
19		2	2	-	• Washer	• Bricka				1)	
20		1	1	-	• Bearing housing	• Lagerhus					
21	85070373	1	1	-	• Heat shield	• Värmesköld			OP	1)	
22		1	1	-	• Clamp	• Klamma				1)	
23		1	1	-	• Lock nut	• Låsmutter					
24		1	1	-	• Thrust ring	• Tryckring					
25		1	1	-	• Turbine rotor	• Turbinhjul					
26	85070381	1	-	-	• Turbine housing	• Turbinhus					
	85070381	-	1	-	Repair kit	Reparationssats				(85055127)	
					Repair kit	Reparationssats					

1) Included in repair kit.

Ingår i reparationssats.



15502

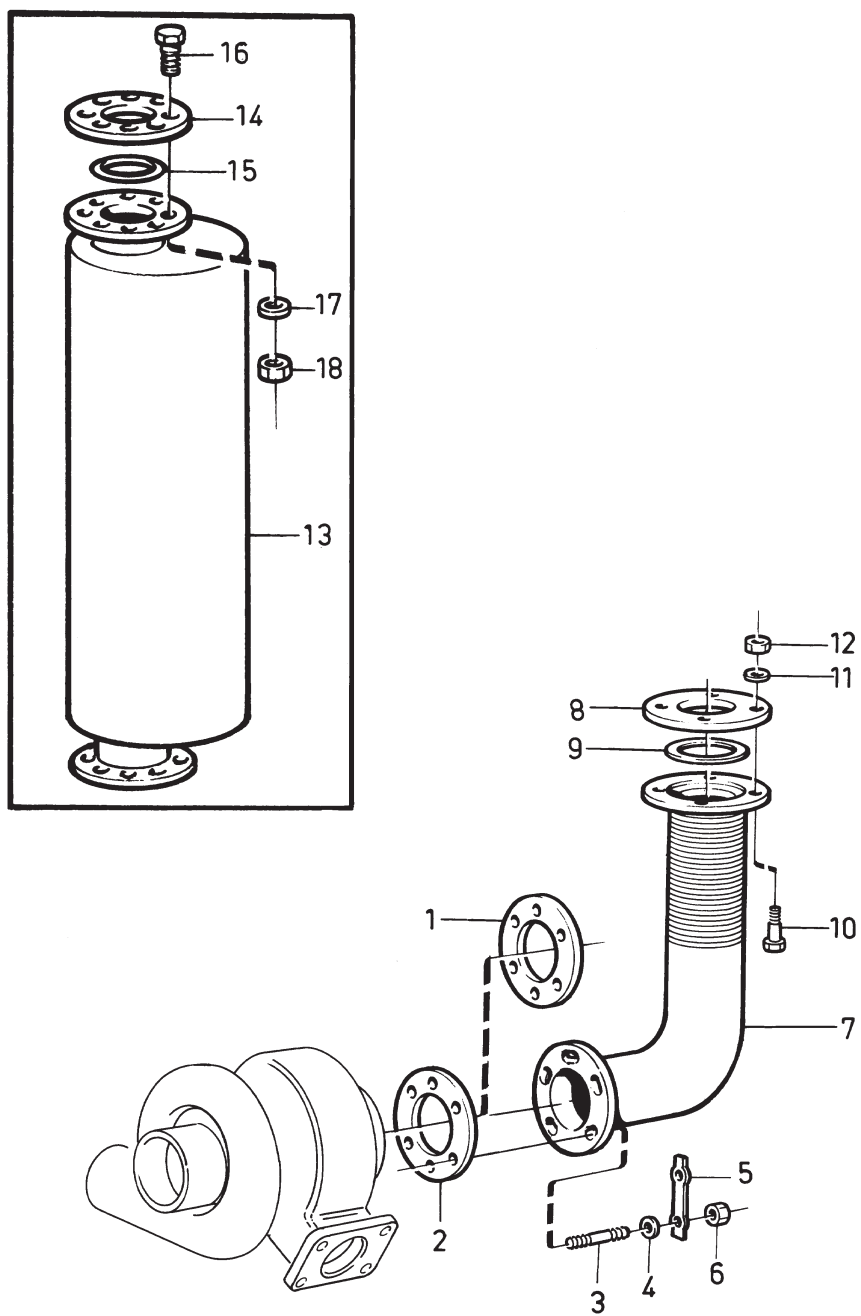
Turbocharger, Components

Turbo, detaljer

Group
Grupp**25**

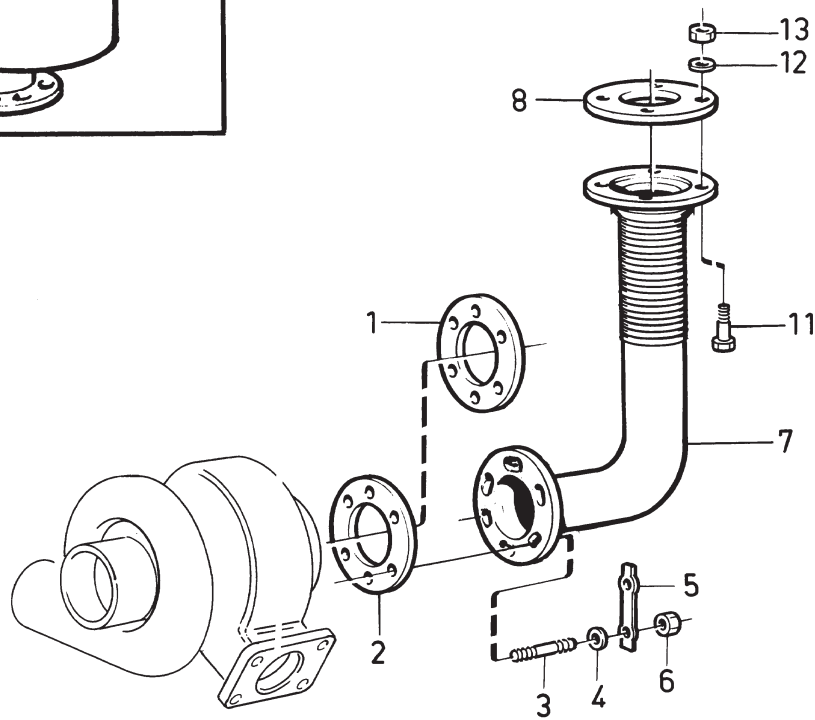
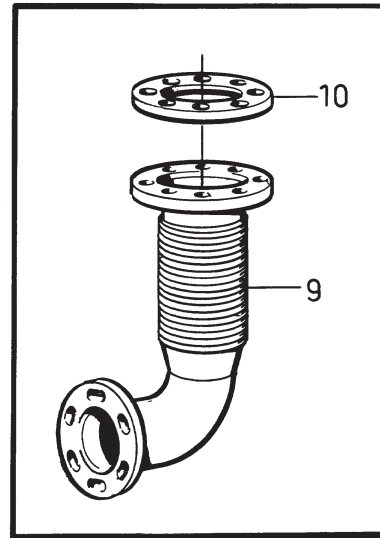
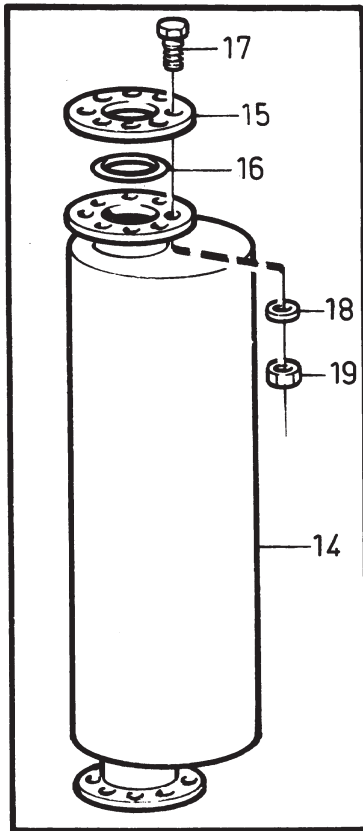
A 85461721				B 85450997		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
1	85461721	1	-	-	Turbo	Turbo	
2	85450997	-	1	-	Turbo	Turbo	
3		1	1	-	• Compressor housing	• Kompressorhus	
4		2	2	-	• Lock plate	• Låsplatta	
5		10	10	-	• Lock washer	• Låsbricka	1)
6		10	10	-	• Screw	• Skruv	
7		1	1	-	• Rotor unit	• Rotorenhet	
8		4	4	-	• Lock ring	• Låsring	1)
9		1	1	-	• Lock ring	• Låsring	1)
10		2	2	-	• Bearing	• Lager	1)
11		1	1	-	• Lock ring	• Låsring	1)
12		1	1	-	• O-ring	• O-ring	1)
13		1	1	-	• Sleeve	• Hylsa	1)
14		1	1	-	• Cover	• Lock	
15		1	1	-	• Heat shield	• Värmesköld	
16		1	1	-	• Bearing	• Lager	1)
17		1	1	-	• Splash plate	• Stänklåt	
18		1	1	-	• Lock nut	• Låsmutter	
19		1	1	-	• Compressor wheel	• Kompressorhjul	
20		1	1	-	• Bearing housing	• Lagerhus	
21		1	1	-	• Oil deflector	• Oljeavkastare	
22		1	1	-	• Thrust ring	• Tryckring	
23		1	1	-	• Piston ring	• Kolvring	1)
24		1	1	-	• Turbine rotor	• Turbinhjul	
25	85078772	1	1	-	• Turbine housing	• Turbinhus	
25A		1	1	-	• Clamp	• Klamma	1)
26		1	1	-	• Lock nut	• Låsmutter	1)
27	85450740	1	1	-	• Lock ring	• Låsring	
					Repair kit	Reparationssats	

1) Included in kit 85450740.

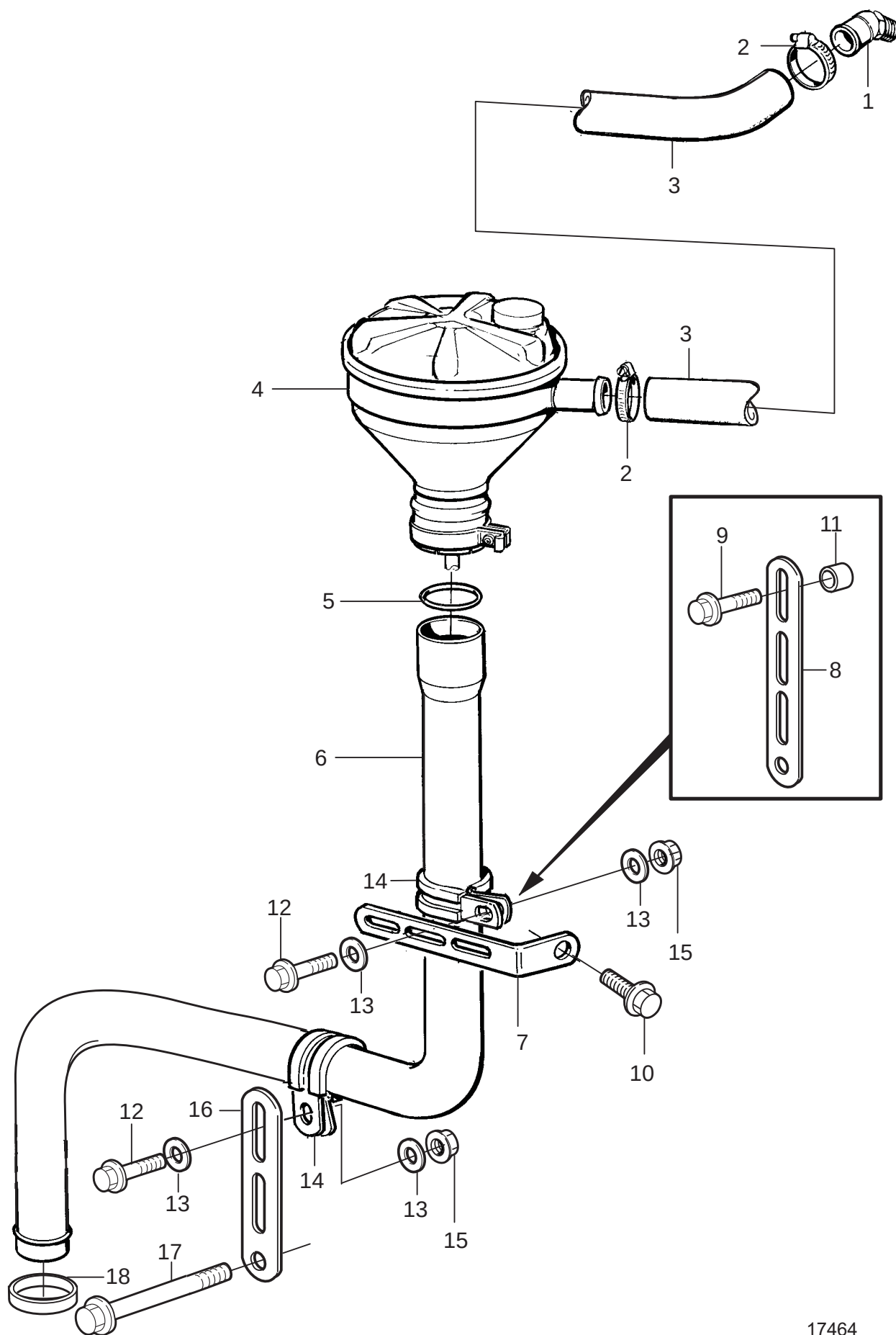


15713

1	85454908	1	-	-	Flange	Fläns	NS	6"	L=775mm L=475mm
2	85455855	1	-	-	Gasket	Packning			
3	85458529	6	-	-	Stud	Pinnskruv			
4	85458875	6	-	-	Spacer sleeve	Distanshylsa			
5	85451284	3	-	-	Lock washer	Låsbricka			
6	85466795	6	-	-	Nut	Mutter			
7	85461341	1	-	-	Exhaust hose	Avgasslang			
	85070746	1	-	-	Exhaust hose	Avgasslang			
8	85458669	1	-	-	Exhaust pipe flange	Avgasrörfläns			
9	85462638	1	-	-	Gasket	Packning			
10	85468205	4	-	-	Screw	Skruv			
11	85466423	4	-	-	Spring washer	Fjädrande bricka			
12	85468528	4	-	-	Nut	Mutter			
13	85463008	1	-	-	Silencer	Ljuddämpare			
14	85459881	2	-	-	• Weld flange	• Svetsfläns			
15	85462927	2	-	-	• Gasket	• Packning			
16	85468197	16	-	-	• Screw	• Skruv			
17	85466423	16	-	-	• Spring washer	• Fjädrande bricka			
18	85468528	16	-	-	• Nut	• Mutter			

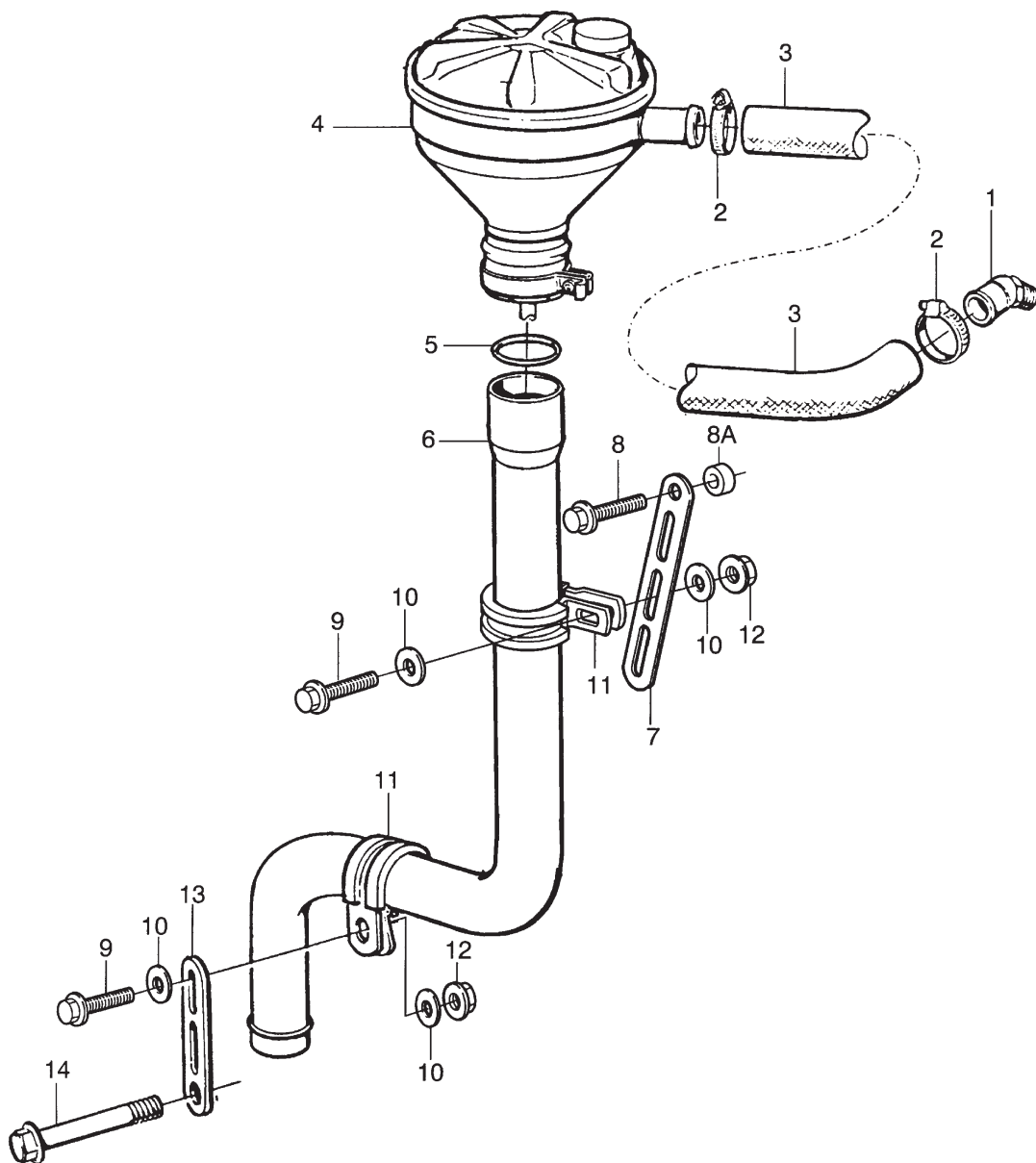


Publ. 7745780-2 / 1999-08 / 01992 / 15794



Closed Crankcase Ventilation**Sluten vevhusventilation**Group
GruppTWD1620G, TWD1630G, TAD1630G, TAD1630GE,
TAD1631G, TAD1631GE**25**

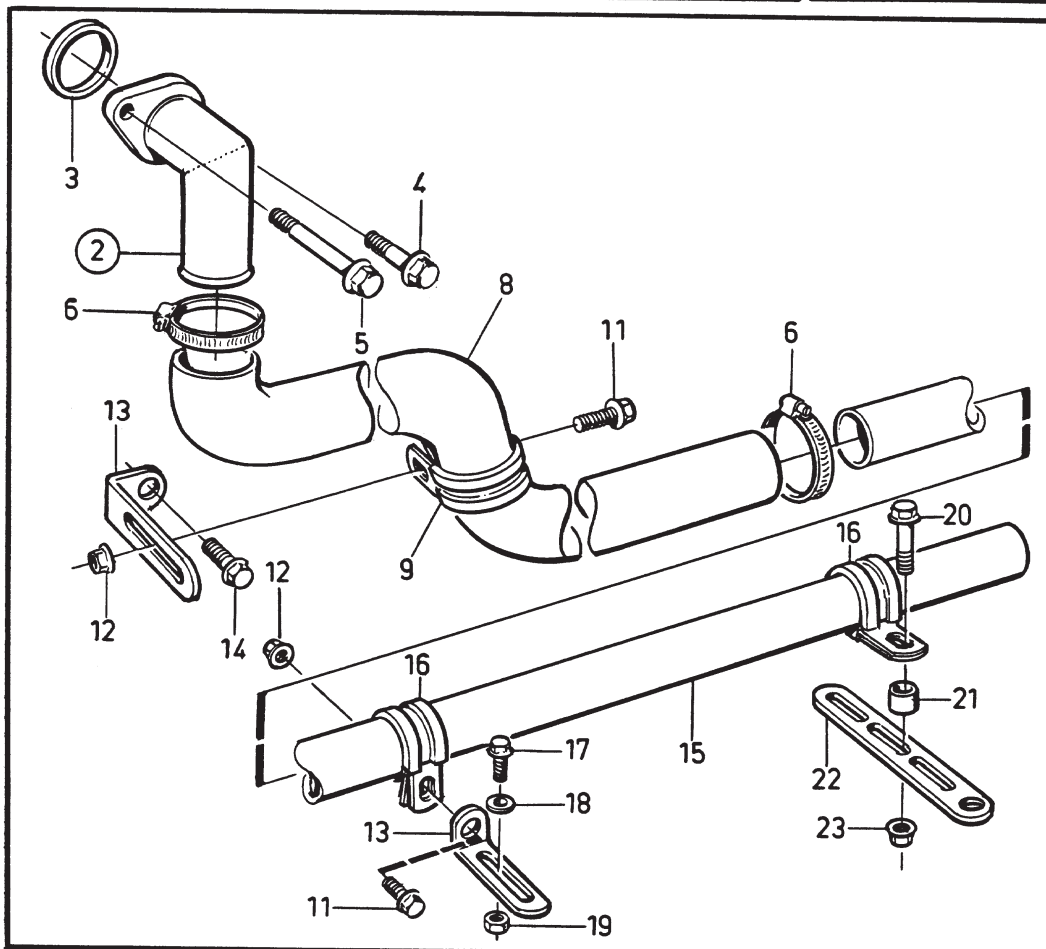
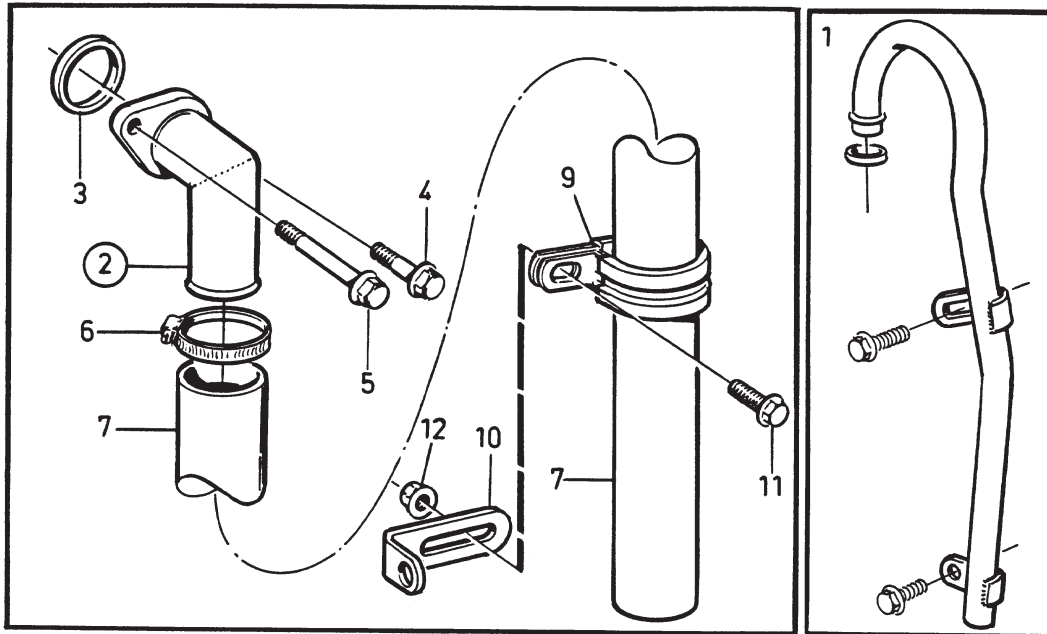
A TWD1620G, TWD1630G			B TAD1630G, TAD1630GE, TAD1631G, TAD1631GE			C		
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
		A	B	C				
1	85466597	1	1	-	Nipple	Nippel	L=850mm	
2	85466696	2	2	-	Hose clamp	Slangklamma		
3	85466811	X	X	-	Hose	Slang		
4	85079606	1	1	-	Filter	Filter		
5	85467488	1	1	-	O-ring	O-ring		
6	85079523	-	1	-	Breather pipe	Ventilationsrör		
7	85469856	-	1	-	Bracket	Konsol		
8	85469781	1	-	-	Bracket	Konsol		
9	85466175	1	-	-	Screw, charge air cooler	Skruv, laddluftkylare		
10		-	1	-	Screw, induction manifold . . .	Skruv, insugningsrör		
11	85460129	1	-	-	Spacer sleeve	Distanshylsa		
12	85467116	2	2	-	Flange screw	Flänsskruv		
13	85469054	4	4	-	Washer	Bricka		
14	85075117	2	2	-	Clamp	Klamma		
15	85466845	2	2	-	Flange nut	Flänsmutter		
16	85469757	1	1	-	Bracket	Konsol		
17		1	1	-	Screw, flywheel casing	Skruv, svänghjulskåpa		
18	85455244	1	1	-	Sealing ring	Tättningsring		



Closed Crankcase Ventilation**Sluten vevhusventilation**Group
Grupp**25**

TWD1630G

A				B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
1	85466597	1	-	-	Nipple	Nippel	L=850mm
2	85466696	2	-	-	Hose clamp	Slangklamma	
3	85466811	X	-	-	Hose	Slang	
4	85079606	1	-	-	Filter	Filter	
5	85467488	1	-	-	O-ring	O-ring	
6	85079523	1	-	-	Breather pipe	Ventilationsrör	
7	85469856	1	-	-	Bracket	Konsol	
8	85466175	1	-	-	Screw	Skruv	
8A	85460129	1	-	-	Spacer sleeve	Distanshylsa	
9	85467116	2	-	-	Flange screw	Flänsskruv	
10	85469054	4	-	-	Washer	Bricka	
11	85075117	2	-	-	Clamp	Klamma	
12	85466845	2	-	-	Flange nut	Flänsmutter	
13	85469781	1	-	-	Bracket	Konsol	
14		1	-	-	Screw, flywheel casing	Skruv, svänghjulskåpa	



Crankcase Ventilation**Vevhusventilation**Group
Grupp**25**

TAD1630G, TAD1630GE, TAD1631G, TAD1630GE

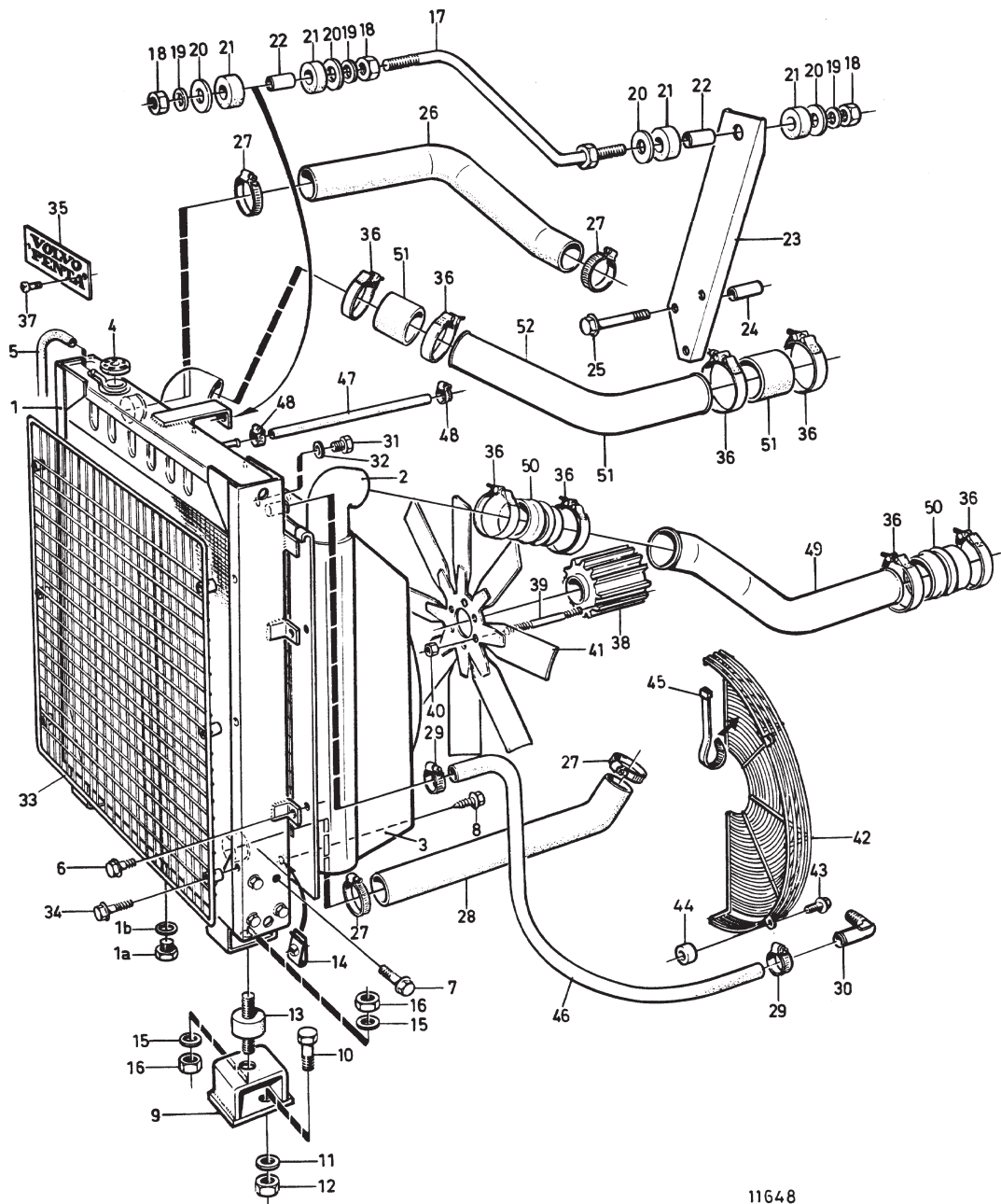
A					B TAD1630G, TAD1630GE, TAD1631G, TAD1631GE, STD		C TAD1630G, TAD1630GE, TAD1631G, TAD1631GE, ALT	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
		A	B	C				
1		-	1	-	Crankcase ventilatio	Vevhusventilation	SN-2160017139 SEE PAGE 25 SN2160017140- L=800mm L=1200mm	
		-	-	-				
2	85055499	-	1	1	Breather pipe	Ventilationsrör		
3	85455244	-	1	1	• Sealing ring	• Tättningsring		
4	85466878	-	1	1	Flange screw	Flänsskruv		
5	85075612	-	1	1	Flange screw	Flänsskruv		
6	85055507	-	1	2	Hose clamp	Slangklamma		
7	85466613	-	X	-	Rubber hose	Gummislang		
8	85466613	-	-	X	Rubber hose	Gummislang		
9	85467827	-	1	1	Clamp	Klammer		
10	85055515	-	1	-	Bracket	Konsol		
11	85467025	-	1	2	Flange screw	Flänsskruv		
12	85466845	-	1	2	Flange nut	Flänsmutter		
13	85469823	-	-	2	Bracket	Konsol		
14	85466977	-	-	1	Flange screw	Flänsskruv		
15	85079937	-	-	1	Tube	Rör		
16	85467819	-	-	2	Clamp	Klammer		
17	85466977	-	-	1	Flange screw	Flänsskruv		
18	85469070	-	-	1	Washer	Bricka		
19	85466852	-	-	1	Nut	Mutter		
20	85469666	-	-	1	Screw	Skruv		
21	85459865	-	-	1	Spacer sleeve	Distanshylsa		
22	85469799	-	-	1	Bracket	Konsol		
23	85466845	-	-	1	Flange nut	Flänsmutter		

Radiator and Fan			Kylare och fläkt			Group Grupp
TWD1630G						26
A			B			C
Ref pos	Part No Artikel nr	Quantity/Antal A B C	Description	Benämning	Notes/Anmärkning	
1	85425668	1 - -	Radiator	Kylare	L=1500mm	
2	85464329	1 - -	• Pressure cap	• Trycklock		
3	85467264	1 - -	• Plug	• Propp		
4	85073138	1 - -	• Gasket	• Packning		
5	85451995	X - -	• Hose	• Slang		
6	85469120	1 - -	• Plug	• Propp		
7	85075232	1 - -	• Gasket	• Packning		
8	85055531	1 - -	Radiator protector	Kylarskydd		
9	85073179	6 - -	Screw	Skruv		
10	85461168	2 - -	Rubber cushion	Gummikudde		FOR 85055663
11	85468601	4 - -	Nut	Mutter	FOR 85055663 FOR 85055663	
12	85466191	4 - -	Spring washer	Fjädrande bricka		
13	85055549	1 - -	Radiator stay	Kylarstag		
14	85468536	3 - -	Nut	Mutter		
15	85466423	3 - -	Spring washer	Fjädrande bricka		
16	85451920	4 - -	Washer	Bricka		
17	85464790	4 - -	Rubber bushing	Gummibussning		
18	85454429	2 - -	Bushing	Bussning		
19	85055559	1 - -	Bracket	Konsol		
20	85055564	3 - -	Sleeve	Hylsa		
21	85469690	3 - -	Screw	Skruv	L=1300mm	
22	85055572	1 - -	Radiator hose	Kylarslang		
23	85466738	4 - -	Clamp	Klammer		
24	85055580	1 - -	Radiator hose	Kylarslang		
25	85466704	2 - -	Hose clamp	Slangklamma		
26	85466811	X - -	Hose	Slang		
27	85466597	1 - -	Nipple	Nippel		
28	85055598	1 - -	Fan shroud	Fläktkåpa		REPL BY85055606
	85055606	1 - -	Fan shroud	Fläktkåpa		1)
	85055614	1 - -	Fan shroud	Fläktkåpa		
29	85074995	12 - -	Screw	Skruv	D=890mm D=890mm 2) 3) L=150mm 4) L=185mm 2) 3) 4)	
30	85055622	1 - -	Fan, suction type	Fläkt, sugande		
	85055630	1 - -	Fan, pusher type	Fläkt, tryckande		
31	85462604	1 - -	Fan hub	Fläktnav		
	85055648	1 - -	Fan hub	Fläktnav		
32	85075240	6 - -	Stud	Pinnskruv		
	85055655	6 - -	Stud	Pinnskruv		
33	85075547	6 - -	Nut	Mutter		
34	85467819	1 - -	Clamp	Klammer		
35	85466910	1 - -	Screw	Skruv		
36	85055663	2 - -	Bracket	Konsol	5) (85464246) 2) 4) 2) 2)	
	85055671	2 - -	Bracket	Konsol		
37	85466951	4 - -	Screw	Skruv		
38	85075570	4 - -	Flange lock nut	Flänslåsmutter		
39	85070142	2 - -	Fan protector	Fläktskydd		
	85070050	2 - -	Fan protector	Fläktskydd		
40	85075612	4 - -	Flange screw	Flänsskruv		
	85073179	12 - -	Screw	Skruv		
	85466977	12 - -	Flange screw	Flänsskruv		
41	85467298	8 - -	Strip clamp	Bandklamma		
42	85458651	4 - -	Sleeve	Hylsa	2) 2)	
	85458651	12 - -	Sleeve	Hylsa		
43	85459808	1 - -	Emblem	Emblem		
44	85466282	2 - -	Screw	Skruv		
45	85466662	2 - -	Hose clamp	Slangklamma		

- 1) Replaced by 1pc fan shroud 85055614,
1pc fan ring 85071413 and 2pcs screw 85466977.
- 2) For suction type of fan.
- 3) For earlier production of thrust fan.
- 4) For thrust fan.
- 5) Replaced by 1pc bracket 85055671, 1pc screw 85469609,
1pc washer 85055689 and 1pc flange lock nut 85075588.

Radiator and Fan			Kylare och fläkt			Group Grupp	
TWD1630G						26	
A			B			C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description Benämning	Notes/Anmärkning	
		A	B	C			
46	85466654	X	-	-	Hose Slang	L=950mm (13776) 1)	
47	85071413	1	-	-	Fan ring Fläktring		
48	85466977	2	-	-	Flange screw Flänsskruv	TH=6mm	
49	85467546	1	-	-	Drain cock Avtappningskran		
50	85469609	2	-	-	Screw Skruv		
51	85055689	2	-	-	Washer Bricka		
52	85075588	2	-	-	Flange lock nut Flänslåsmutter		

1) Can be mounted on earlier production to increase the performance of the fan.
The ring should be turned over for thrust fans.



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Radiator and Fan

Kylare och fläkt

Group
Grupp**26**

TAD1630G, TAD1630GE

A				B		C	
Ref	Part No	Quantity/Antal			Description	Benämning	Notes/Anmärkning
pos	Artikel nr	A	B	C			
1	85055697	1	-	-	Radiator	Kylare	L=1530mm (85055663) <

L=1530mm

(85055663)

1) EARLIER PROD
LATER PROD
1) EARLIER PROD
LATER PROD

2) L=150mm
3) L=165mm

2)

3)

3)

D=890mm

D=890mm

4) REPLACED BY 85070050

5)

6) 2) FOR85464246

2) FOR 85070050

3) FOR 85074246

2) 6) FOR 85070050

1) Replaced by 1pc 85055747 bracket and 3pcs 85055564 sleeve.

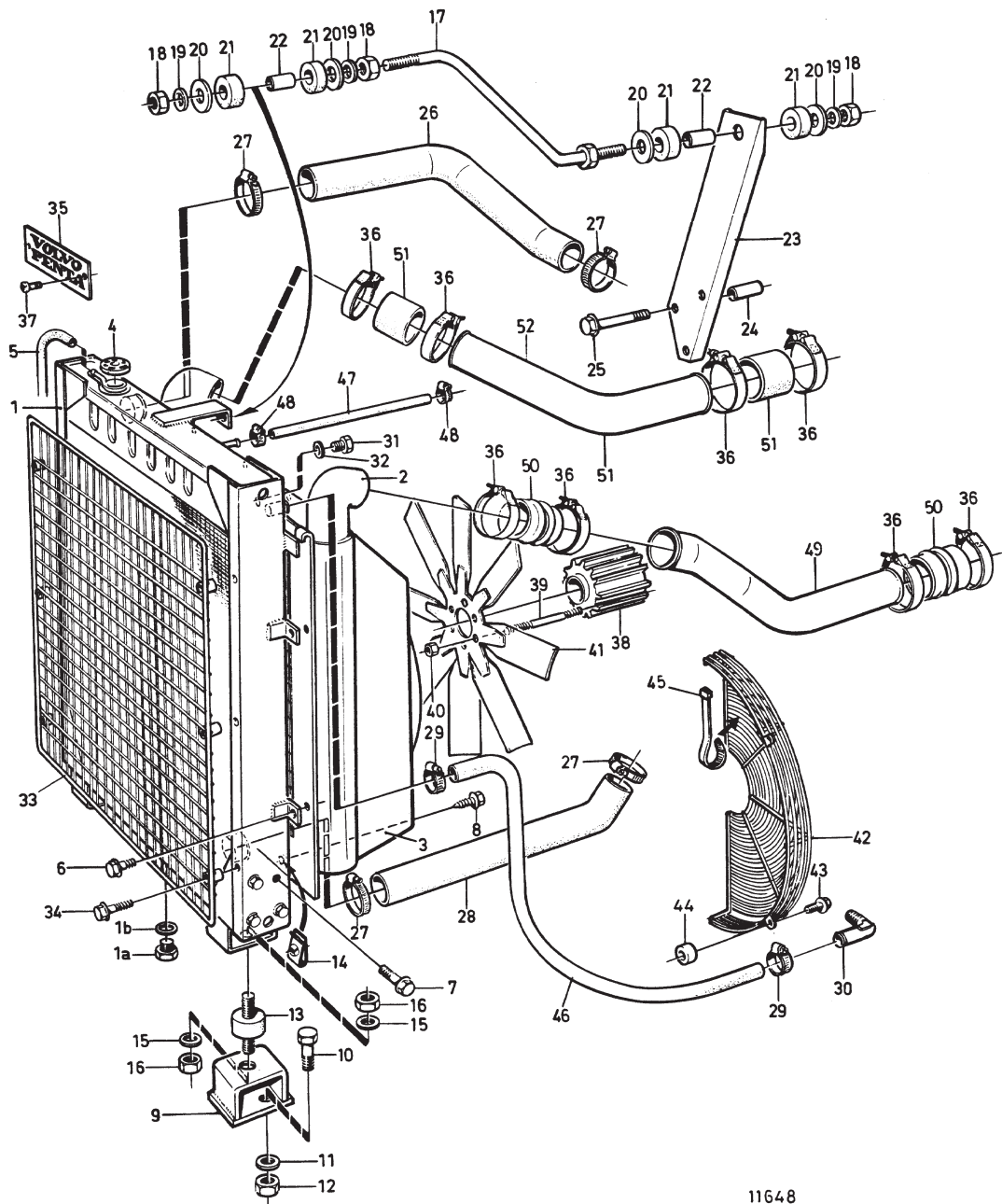
2) For suction type of fan.

3) For thrust fan.

4) SN-2160019089

5) SN2160019090-

6) For earlier production of thrust fan.



11648

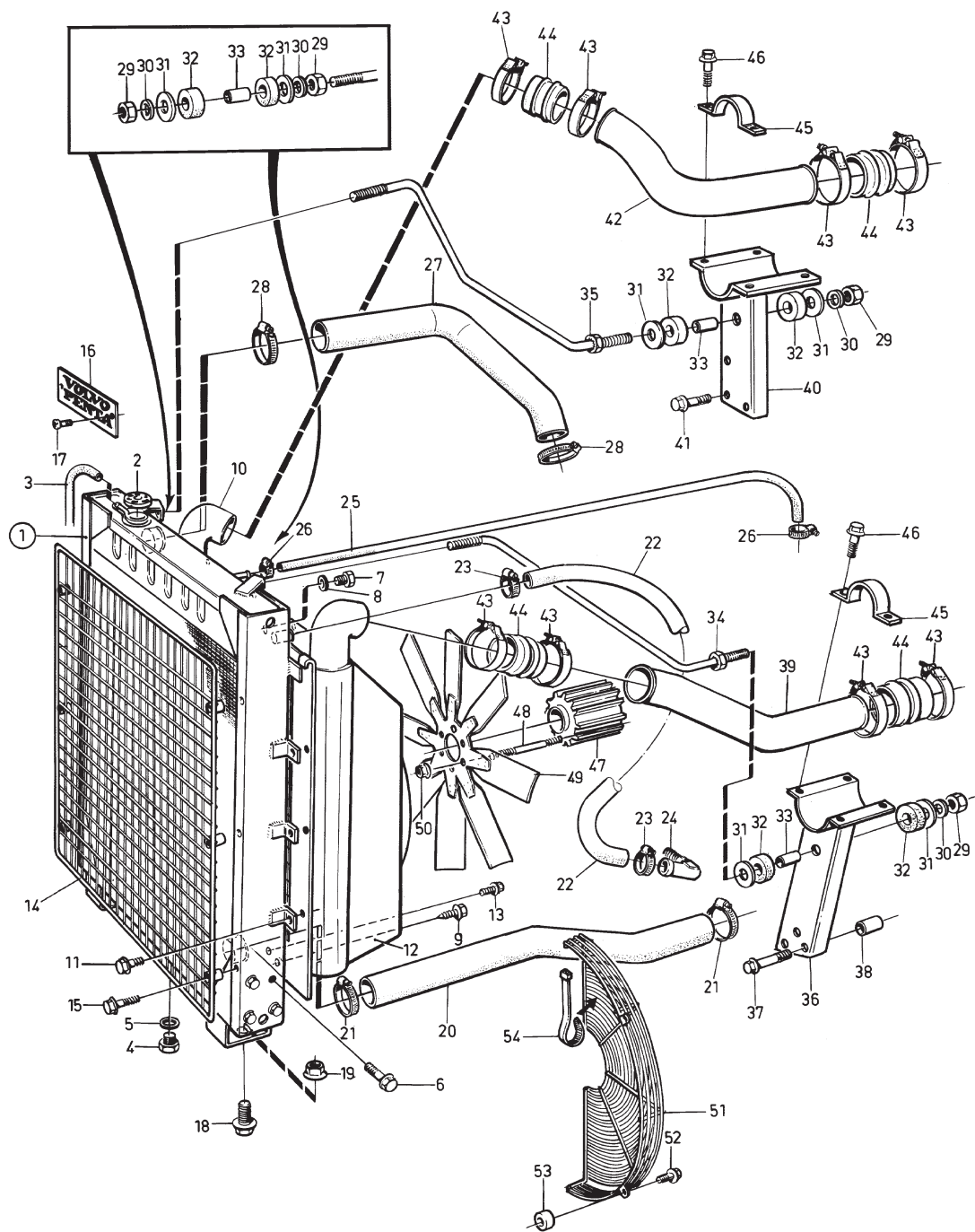
Radiator and Fan					Kylare och fläkt		Group Grupp
TAD1630G, TAD1630GE							26
A				B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
	85057966	12	-	-	Spacer washer	Distansbricka	1) FOR 85050050 2) FOR 85050050 L=1350mm L=950mm
	85451896	12	-	-	Washer	Bricka	
45	85467298	8	-	-	Strip clamp	Bandklamma	
46	85466811	X	-	-	Hose	Slang	
47	85466654	X	-	-	Hose	Slang	
48	85466662	2	-	-	Hose clamp	Slangklamma	
49	85055804	1	-	-	Pipe	Rör	
50	85463966	2	-	-	Hose	Slang	
51	85056539	2	-	-	Hose	Slang	
52	85055812	1	-	-	Pipe	Rör	

1) For suction type of fan.

För sugande fläkt.

2) For thrust fan.

För tryckande fläkt.



Radiator and Fan

Kylare och fläkt

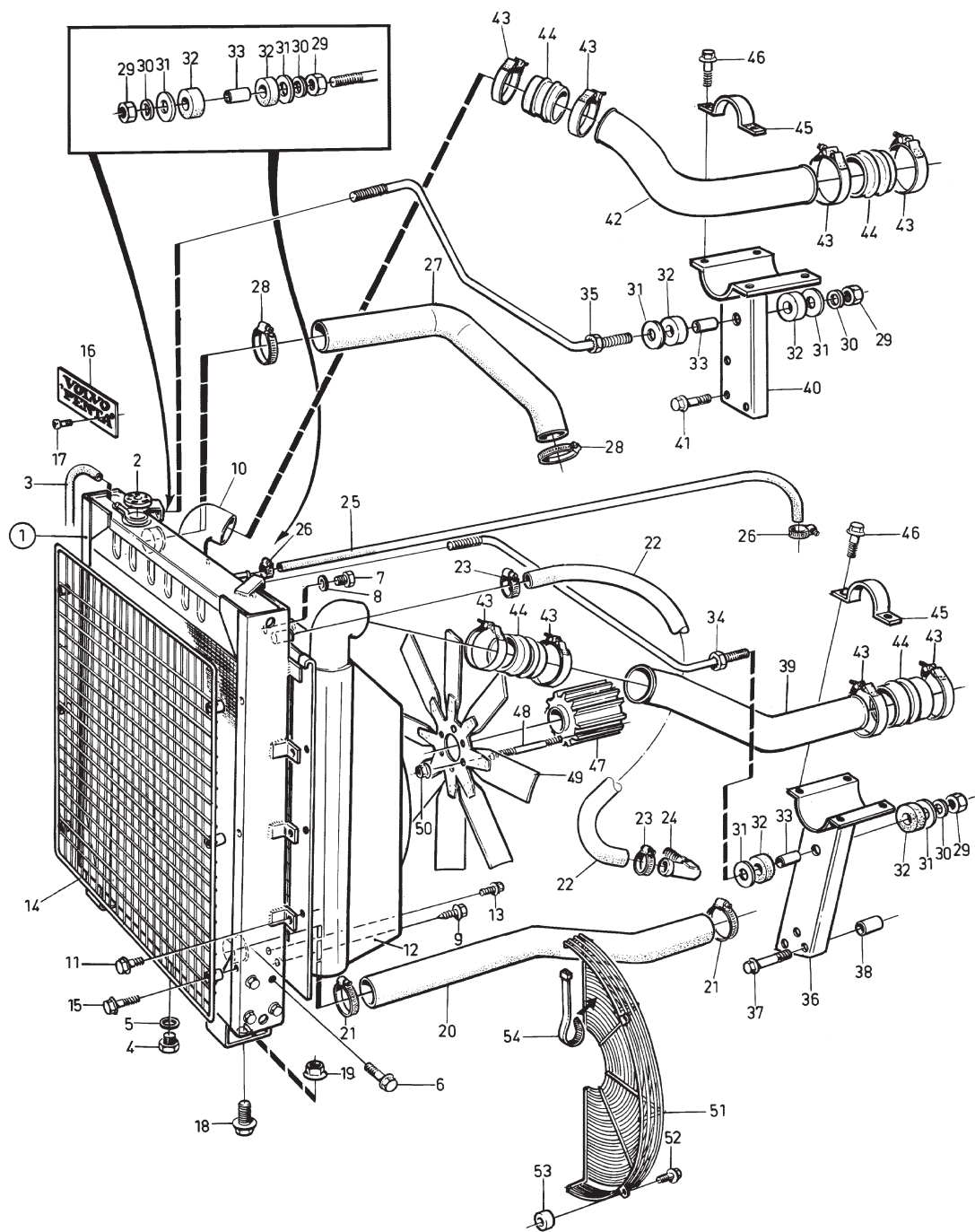
Group
Grupp

26

TAD1631G, TAD1631GE

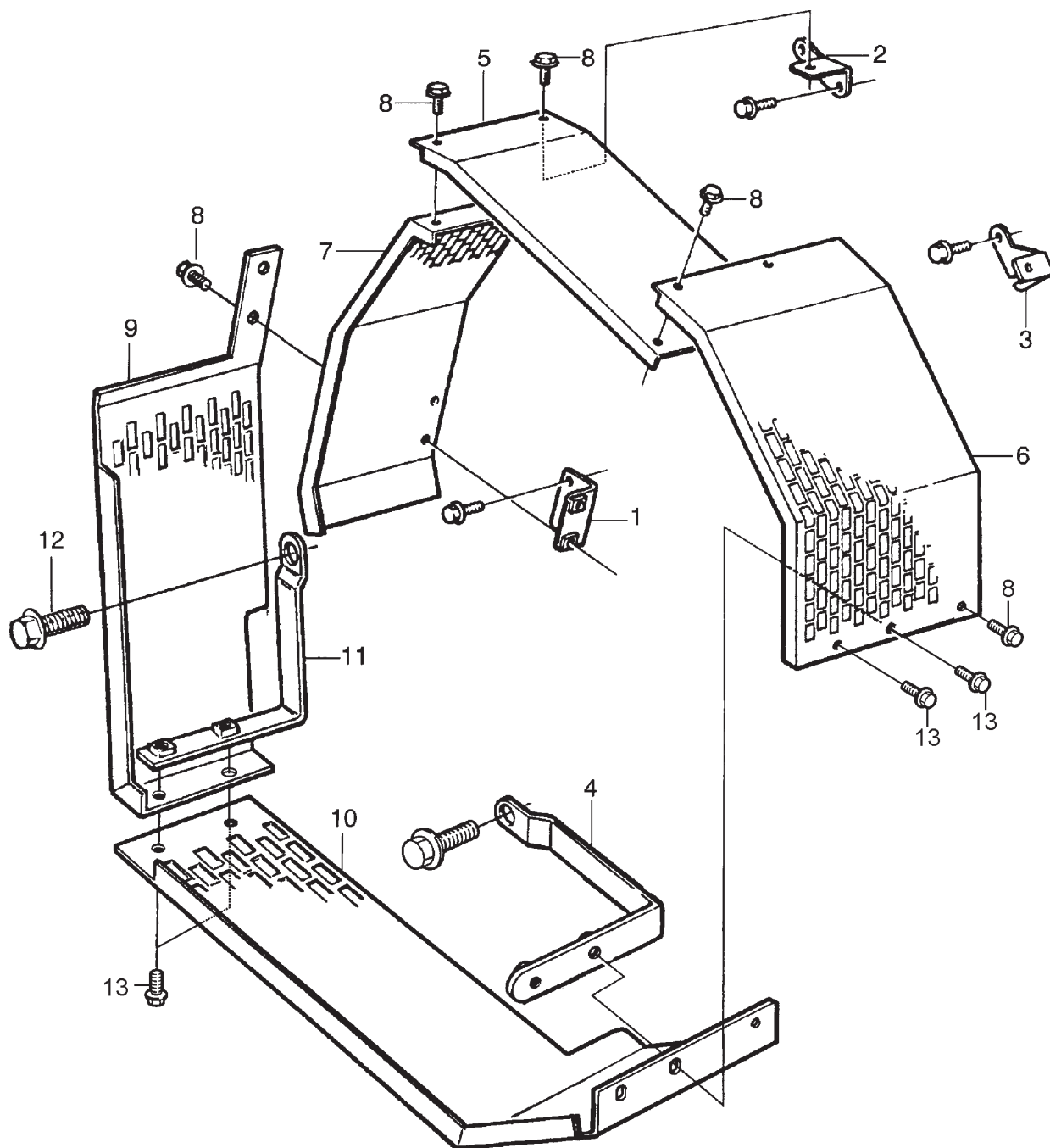
A			B		C	
Ref pos	Part No Artikel nr	Quantity/Antal A B C	Description	Benämning	Notes/Anmärkning	
1	85425619	1 - -	Radiator	Kylare	L=1500mm	1)
2	85464329	1 - -	• Pressure cap	• Trycklock		
3	85451995	X - -	• Hose	• Slang		
4	85469120	1 - -	• Plug	• Propp		
5	85075232	1 - -	• Gasket	• Packning		
6	85466985	8 - -	• Screw	• Skruv		
7	85467264	1 - -	Plug	Propp		
8	85073138	1 - -	Gasket	Packning		
9	85075034	2 - -	Screw	Skruv		
10	85070019	1 - -	Charge air cooler	Laddluftkylare		
11	85466936	6 - -	Flange screw	Flänsskruv		
12	85070027	1 - -	Fan shroud	Fläktkäpa		
	85071496	1 - -	Fan shroud	Fläktkäpa	L=900mm (85058147)	
13	85467025	4 - -	Flange screw	Flänsskruv		
14	85462919	1 - -	Radiator protector	Kylarskydd		
15	85073179	6 - -	Screw	Skruv		
16	85459808	1 - -	Emblem	Emblem		
17	85466282	2 - -	Screw	Skruv		
18	85467090	2 - -	Screw	Skruv		
19	85075588	2 - -	Flange lock nut	Flänslåsmutter		
20	85079671	1 - -	Radiator hose	Kylarslang		
21	85466738	2 - -	Clamp	Klammer		
22	85466811	X - -	Hose	Slang		
23	85466704	2 - -	Hose clamp	Slangklamma		
24	85466597	1 - -	Nipple	Nippel		
25	85466654	X - -	Hose	Slang		
26	85466662	2 - -	Hose clamp	Slangklamma		
27	85079663	1 - -	Radiator hose	Kylarslang		
28	85466738	2 - -	Clamp	Klammer		
29	85468536	6 - -	Nut	Mutter		
30	85466423	6 - -	Spring washer	Fjädrande bricka		
31	85451920	8 - -	Washer	Bricka		
32	85464790	8 - -	Rubber bushing	Gummibussning		
33	85454429	4 - -	Bushing	Bussning		
34	85079689	1 - -	Radiator stay	Kylarstag		
35	85079697	1 - -	Radiator stay	Kylarstag		
36	85079721	1 - -	Bracket	Konsol		
37	85469641	3 - -	Flange screw	Flänsskruv		
38	85070886	3 - -	Spacer sleeve	Distanshylsa		
39	85079705	1 - -	Pipe	Rör		
40	85079739	1 - -	Bracket	Konsol		
41	85469518	3 - -	Flange screw	Flänsskruv		
42	85079713	1 - -	Pipe	Rör		
43	85078384	8 - -	Clamp	Klamma		
44	85078368	4 - -	Hose	Slang		
45	85078228	4 - -	Strip clamp	Bandklamma		
46	85467421	8 - -	Screw	Skruv		
47	85462604	1 - -	Fan hub	Fläktnav		
	85073104	1 - -	Fan hub	Fläktnav		
48	85467363	6 - -	Stud	Pinnskruv		
	85075240	6 - -	Stud	Pinnskruv		
49	85079598	1 - -	Fan	Fläkt		
50	85075547	6 - -	Nut	Mutter		
51	85464246	2 - -	Fan protector	Fläktskydd		
	85070050	2 - -	Fan protector	Fläktskydd		
52	85466878	4 - -	Flange screw	Flänsskruv		
	85466878	12 - -	Flange screw	Flänsskruv		
53	85057966	4 - -	Spacer washer	Distansbricka		
	85057966	12 - -	Spacer washer	Distansbricka		
	85451896	12 - -	Washer	Bricka		

1) Replaced by 1pc 85071496 fan shroud,
1pc 3827612 fan ring and 2pcs 85466878 flangescrew.



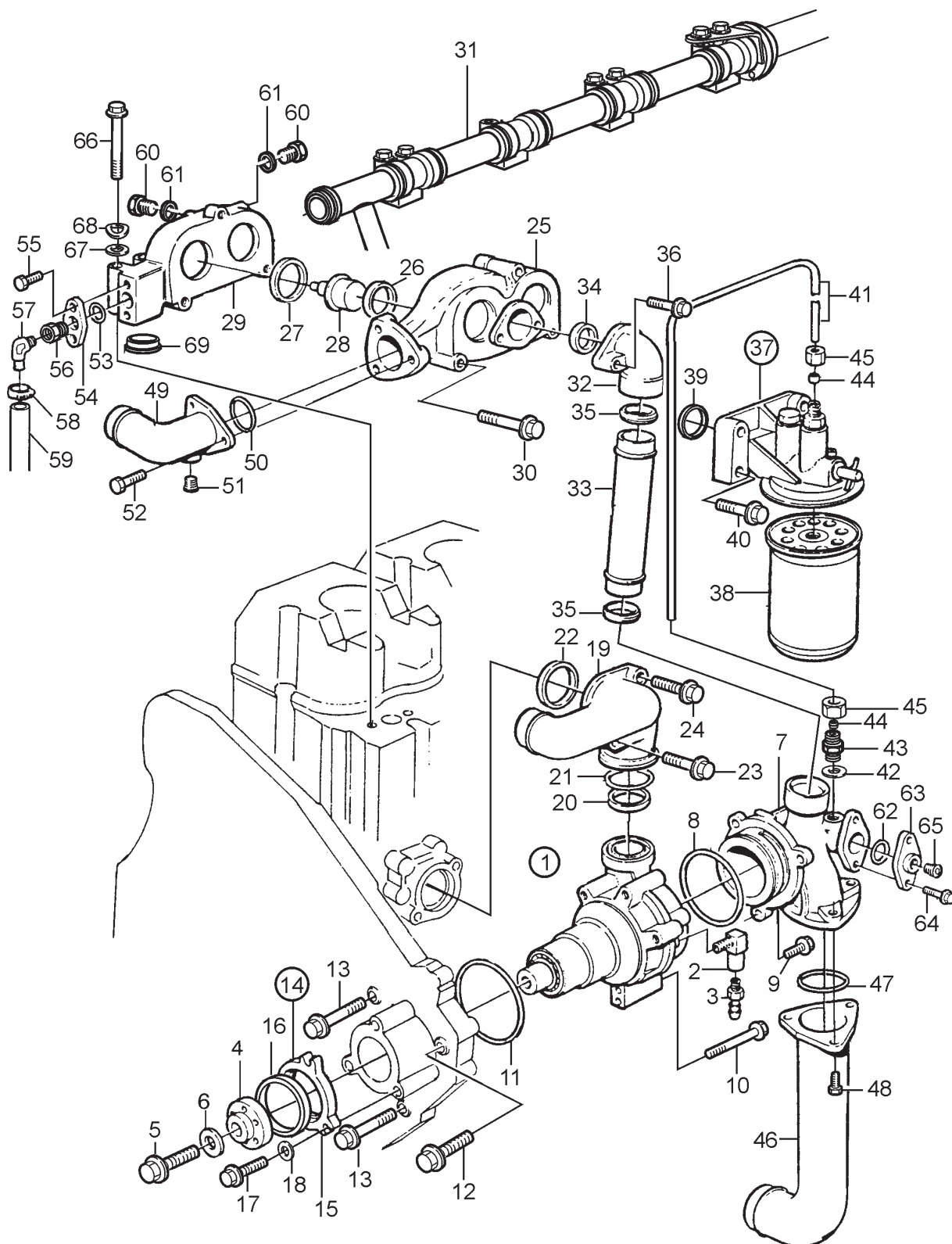
Radiator and Fan					Kylare och fläkt					Group Grupp	
TAD1631G, TAD1631GE										26	
A					B					C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description Benämning					Notes/Anmärkning	
		A	B	C							
54	85467298	8	-	-	Strip clamp						
55	85071413	1	-	-	Fan ring					1)	

1) Used when fan scroud 85071496 is mounted.



Belt Guard**Remskydd**Group
Grupp**26**TWD1620G, TWD1630G, TAD1630G, TAD1630GE,
TAD1631G, TAD1631GE

A ALT 1					B ALT 2		C ALT 3	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
		A	B	C				
1	85461564	1	1	1	Bracket	Konsol.	NS	REPL BY 85070639
2	85461572	1	1	1	Bracket	Konsol.		
3	85461580	1	1	1	Bracket	Konsol.		
4	85462182	1	1	1	Bracket	Konsol.		
5	85461606	1	1	1	Belt protector.	Remskydd.		
6	85462034	1	1	-	Belt protector.	Remskydd.		
	85070654	-	-	1	Belt protector.	Remskydd.		
7	85461598	1	1	1	Belt protector.	Remskydd.		
8	85469476	6	6	7	Screw	Skruv		
9	85070076	-	1	1	Belt protector.	Remskydd.		
10	85070084	-	1	-	Belt protector.	Remskydd.		
	85070639	-	-	1	Belt protector.	Remskydd.		
11	85070092	-	1	1	Bracket	Konsol.		
12	85469906	-	1	1	Flange screw.	Flänsskruv		
13	85469476	2	-	-	Flange screw.	Flänsskruv		
	85467025	-	4	4	Flange screw.	Flänsskruv		



Water Pump and Thermostat

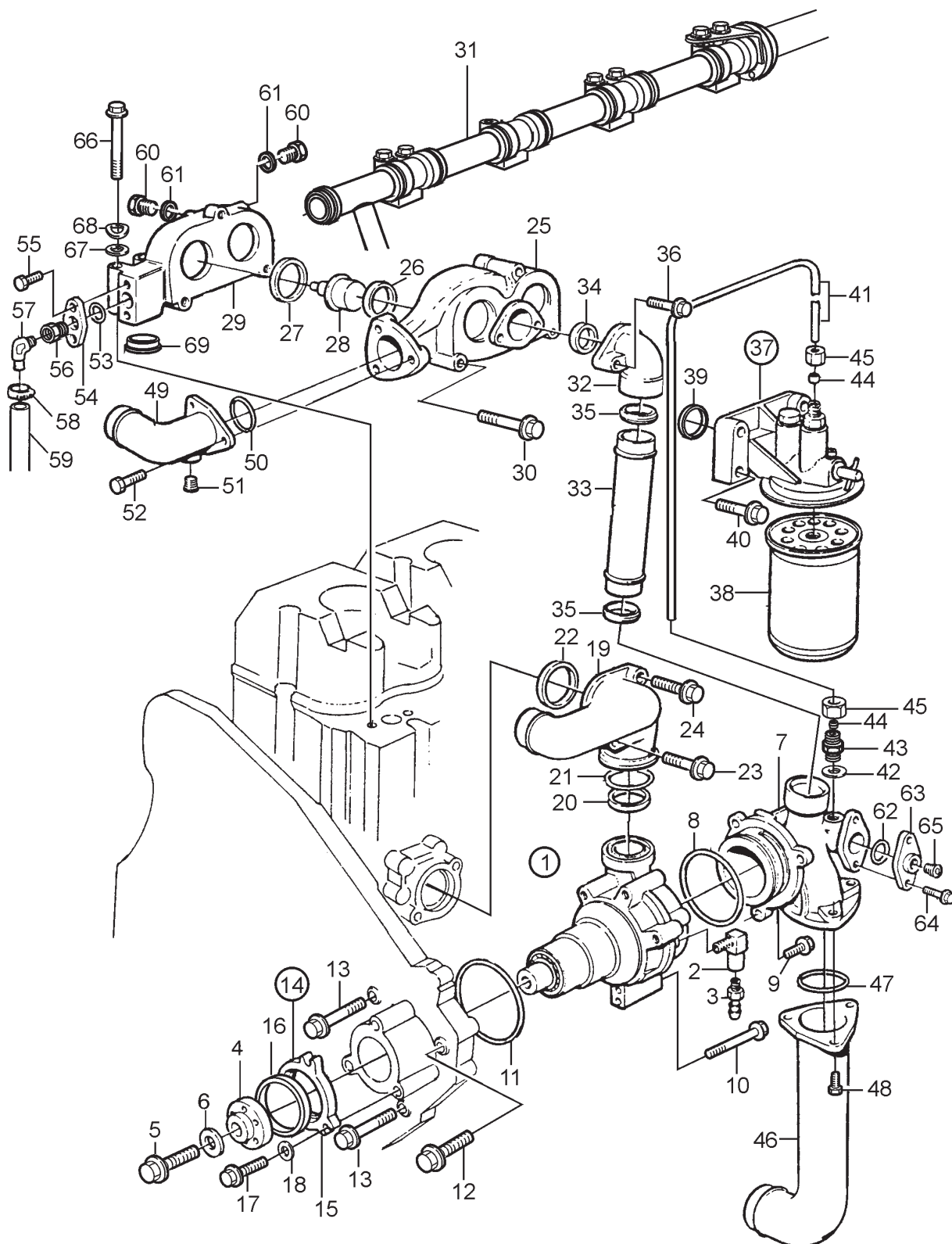
Vattenpump och termostat

Group
Grupp**26**

TWD1630G

A					B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
		A	B	C				
1	85076289	1	-	-	Water pump	Vattenpump	1) SN-2160012948 1) SN2160012949-216002994 SN216002995-	
	85077451	1	-	-	• Comps. see page 181	• Detaljer se sida 181		
	85402329	1	-	-	Water pump	Vattenpump		
					• Comps. see page 183	• Detaljer se sida 183		
					Circulation pump	Cirkulationspump		
					• Comps. see page 183	• Detaljer se sida 183		
2	85076792	1	-	-	Nipple	Nippel	L=75mm L=80mm	
3	85469997	1	-	-	Peg	Kägla		
4	85076875	1	-	-	Hub	Nav		
5	85457588	1	-	-	Screw	Skruv		
6	85076966	1	-	-	Washer	Bricka		
7	85077279	1	-	-	Rear section	Bakstycke		
8	85465953	1	-	-	O-ring	O-ring		
9	85466878	3	-	-	Flange screw	Flänsskruv		
10	85469526	2	-	-	Flange screw	Flänsskruv		
11	85465995	1	-	-	O-ring	O-ring		
12	85469724	1	-	-	Screw	Skruv	75°C	
13	85467272	2	-	-	Flange screw	Flänsskruv		
14		1	-	-	Retainer	Hållare		
15	85076461	1	-	-	• Retainer	• Hållare		
16	85076941	1	-	-	• Sealing ring	• Tätningsring		
17	85466993	3	-	-	Flange screw	Flänsskruv		
18	85468635	3	-	-	Washer	Bricka		
19	85464360	1	-	-	Pipe	Rör		
20	85077584	1	-	-	Sealing ring	Tätningsring		
21	85077600	1	-	-	Ring	Ring		
22	85077519	1	-	-	Sealing ring	Tätningsring	SEE PAGE 175	
23	85469518	1	-	-	Flange screw	Flänsskruv		
24	85466878	1	-	-	Flange screw	Flänsskruv		
25	85077865	1	-	-	Thermostat housing	Termostathus		
26	85402188	2	-	-	Sealing ring	Tätningsring		
27	85402170	2	-	-	Sealing ring	Tätningsring		
28	85402154	2	-	-	Thermostat	Termostat		
29	85462109	1	-	-	Rear section	Bakstycke		
30	85469534	3	-	-	Screw	Skruv		
31		1	-	-	Collecting pipe	Samlingsrör		
32	85077287	1	-	-	Connecting pipe	Anslutningsrör		
33	85077295	1	-	-	Tube	Rör		
34	85077840	1	-	-	Sealing ring	Tätningsring		
35	85076487	2	-	-	Sealing ring	Tätningsring		
36	85469484	2	-	-	Flange screw	Flänsskruv		
37		1	-	-	Bracket, for cooling water	Konsol, för		
					filter	kylvattenfilter		
					• Comps. see page 189	• Detaljer se sida 189		
38	85402311	1	-	-	Coolant filter	Kylvattenfilter		
39	85456929	1	-	-	Sealing ring	Tätningsring		
40	85467041	4	-	-	Flange screw	Flänsskruv		
41	85077303	1	-	-	Tube	Rör		
42	85468932	1	-	-	Gasket	Packning		
43	85466316	1	-	-	Nipple	Nippel		
44	85468866	2	-	-	Ferrule	Skärring		
45	85468890	2	-	-	Nut	Mutter		
46	85461549	1	-	-	Coolant pipe	Kylvattenrör		
47	85465961	1	-	-	O-ring	O-ring		
48	85466878	3	-	-	Flange screw	Flänsskruv		
49	85462083	1	-	-	Coolant pipe	Kylvattenrör		
50	85465961	1	-	-	O-ring	O-ring		
51	85458560	1	-	-	Plug	Propp		
52	85466878	3	-	-	Flange screw	Flänsskruv		
53	85456838	1	-	-	O-ring	O-ring		
54	85457760	1	-	-	Flange	Fläns		
55	85466936	2	-	-	Flange screw	Flänsskruv		

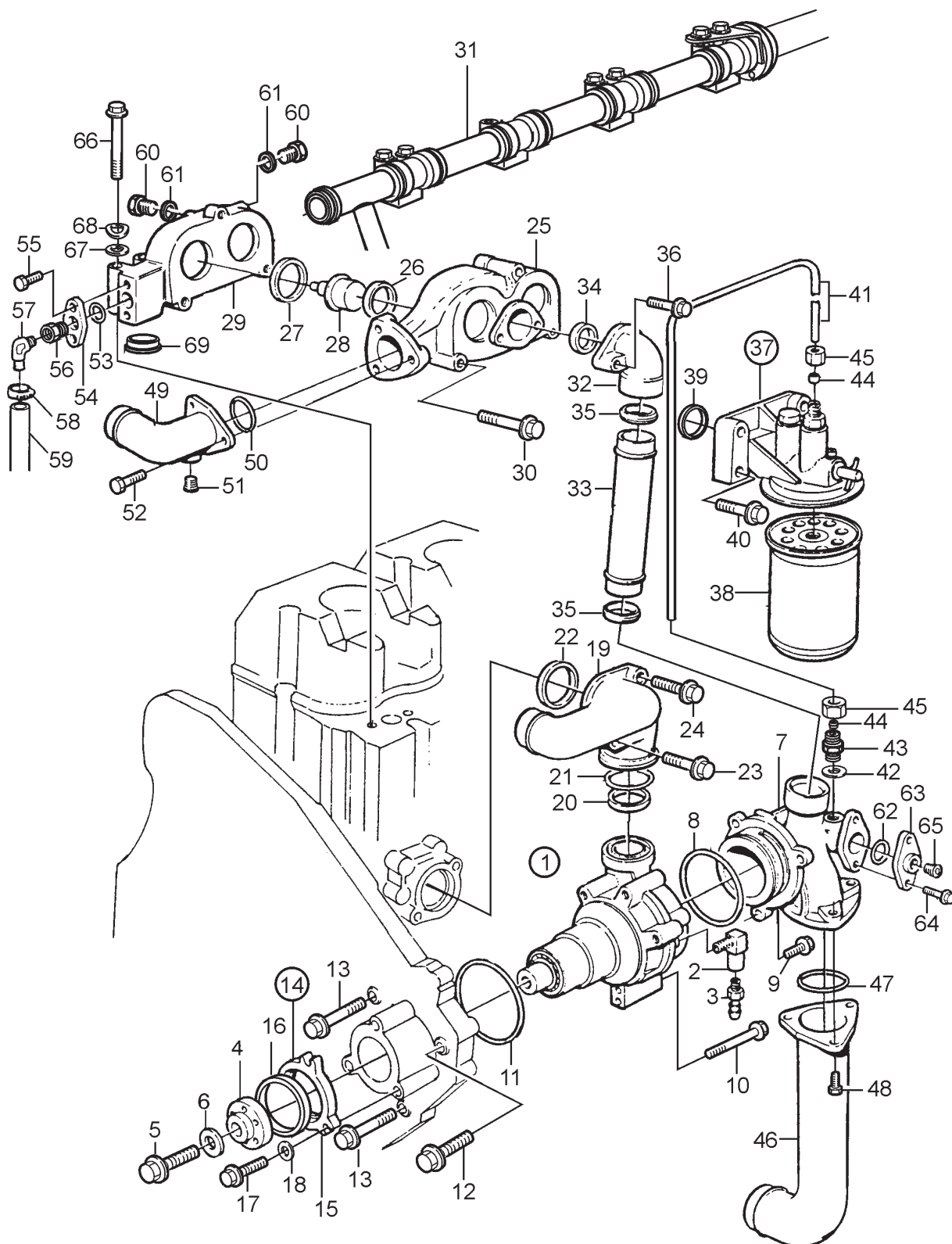
1) Replaced by 85451110.



Water Pump and Thermostat**Vattenpump och termostat**Group
Grupp**26**

TWD1630G

A					B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
		A	B	C				
56	85458503	1	-	-	Nipple	Nippel	(85058147)	
57	85466621	1	-	-	Nipple	Nippel		
58	85466662	2	-	-	Hose clamp	Slangklamma		
59	85466654	X	-	-	Hose	Slang		
60	85469146	2	-	-	Plug	Propp		
61	85451276	2	-	-	Gasket.	Packning.		
62	85076511	1	-	-	Sealing ring	Tätningsring		
63	85461432	1	-	-	Flange	Fläns		
64	85466878	2	-	-	Flange screw.	Flänsskruv		
65	85458560	1	-	-	Plug	Propp		
66	85451656	3	-	-	Screw	Skruv		
67	85451896	3	-	-	Washer	Bricka		
68	85466381	3	-	-	Spring washer	Fjädrande bricka		
69	85076479	2	-	-	Sealing ring	Tätningsring		



Water Pump and Thermostat

Vattenpump och termostat

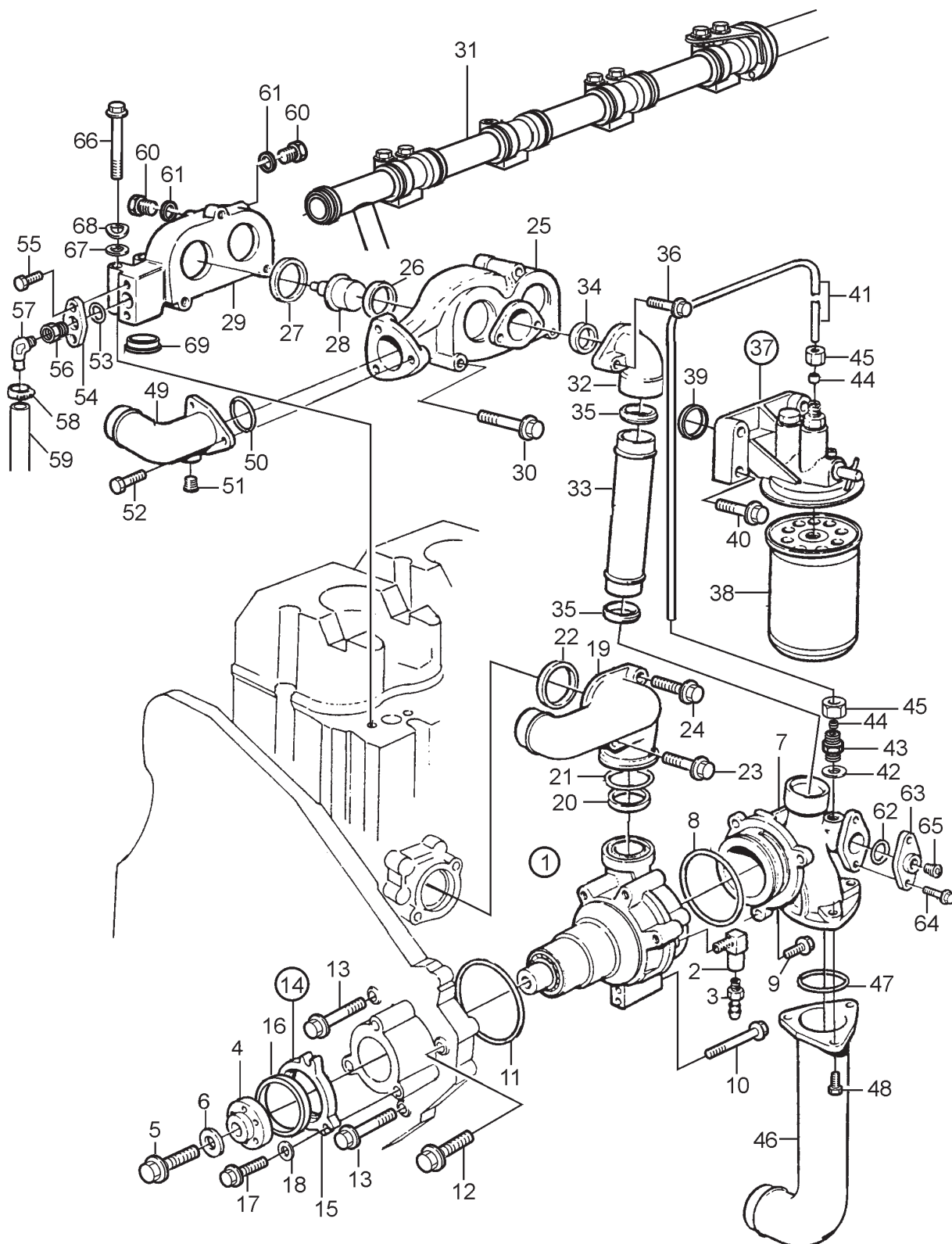
Group
Grupp**26**

TAD1630G, TAD1630GE, TAD1631G, TAD1631GE

A				B		C
Ref pos	Part No Artikel nr	Quantity/Antal			Description Benämning	Notes/Anmärkning
		A	B	C		
1	85402329	1	-	-	Water pump Vattenpump	1) SN216002995-
		1	-	-	Circulation pump Cirkulationspump	
					Comps. see page 183 Detaljer se sida 183	
2	85076792	1	-	-	Nipple Nippel	
3	85469997	1	-	-	Peg Kägla	
4	85076875	1	-	-	Hub Nav	
5	85457588	1	-	-	Screw Skruv	
6	85076966	1	-	-	Washer Bricka	
7	85077279	1	-	-	Rear section Bakstycke	
8	85465953	1	-	-	O-ring O-ring	
9	85466878	3	-	-	Flange screw Flänsskruv	
10	85055820	2	-	-	Screw Skruv	
11	85465995	1	-	-	O-ring O-ring	
12	85469724	1	-	-	Screw Skruv	L=75mm
13	85467272	2	-	-	Flange screw Flänsskruv	L=80mm
14		1	-	-	Retainer Hållare	
15	85076461	1	-	-	• Retainer • Hållare	
16	85076941	1	-	-	• Sealing ring • Tätningsring	
17	85466993	3	-	-	Flange screw Flänsskruv	
18	85468635	3	-	-	Washer Bricka	
19	85055838	1	-	-	Pipe Rör	2)
20	85077584	1	-	-	Sealing ring Tätningsring	
21	85077600	1	-	-	Ring Ring	
22	85077519	1	-	-	Sealing ring Tätningsring	
23	85055820	1	-	-	Screw Skruv	
24	85466878	1	-	-	Flange screw Flänsskruv	
25	85077865	1	-	-	Thermostat housing Termostathus	(8505150)
26	85402188	2	-	-	Sealing ring Tätningsring	
27	85402170	2	-	-	Sealing ring Tätningsring	
28	85402162	2	-	-	Thermostat Termostat	86°C
29	85462109	1	-	-	Rear section Bakstycke	
30	85469534	3	-	-	Screw Skruv	
31		1	-	-	Collecting pipe Samlingsrör	SEE PAGE 177
32	85077287	1	-	-	Connecting pipe Anslutningsrör	
33	85077295	1	-	-	Tube Rör	
34	85076545	1	-	-	Sealing ring Tätningsring	
35	85076487	2	-	-	Sealing ring Tätningsring	
36	85469484	2	-	-	Flange screw Flänsskruv	
37		1	-	-	Bracket, for cooling water Konsol, för filter kylvattenfilter	
					• Comps. see page 189 • Detaljer se sida 189	
38	85402162	1	-	-	Coolant filter Kylvattenfilter	
39	85456929	1	-	-	Sealing ring Tätningsring	
40	85467041	4	-	-	Flange screw Flänsskruv	
41	85077303	1	-	-	Tube Rör	
42	85075232	1	-	-	Gasket Packning	
43	85466316	1	-	-	Nipple Nippel	
44	85468866	2	-	-	Ferrule Skärring	
45	85468890	2	-	-	Nut Mutter	
46	85461549	1	-	-	Coolant pipe Kylvattenrör	
47	85465961	1	-	-	O-ring O-ring	
48	85466878	3	-	-	Flange screw Flänsskruv	
49	85462083	1	-	-	Coolant pipe Kylvattenrör	
50	85465961	1	-	-	O-ring O-ring	
51	85458560	1	-	-	Plug Propp	(85055176)
52	85466878	3	-	-	Flange screw Flänsskruv	
53	85456838	1	-	-	O-ring O-ring	
54	85457760	1	-	-	Flange Fläns	
55	85466936	2	-	-	Flange screw Flänsskruv	
56	85458503	1	-	-	Nipple Nippel	(85055184)
57	85466621	1	-	-	Nipple Nippel	

1)

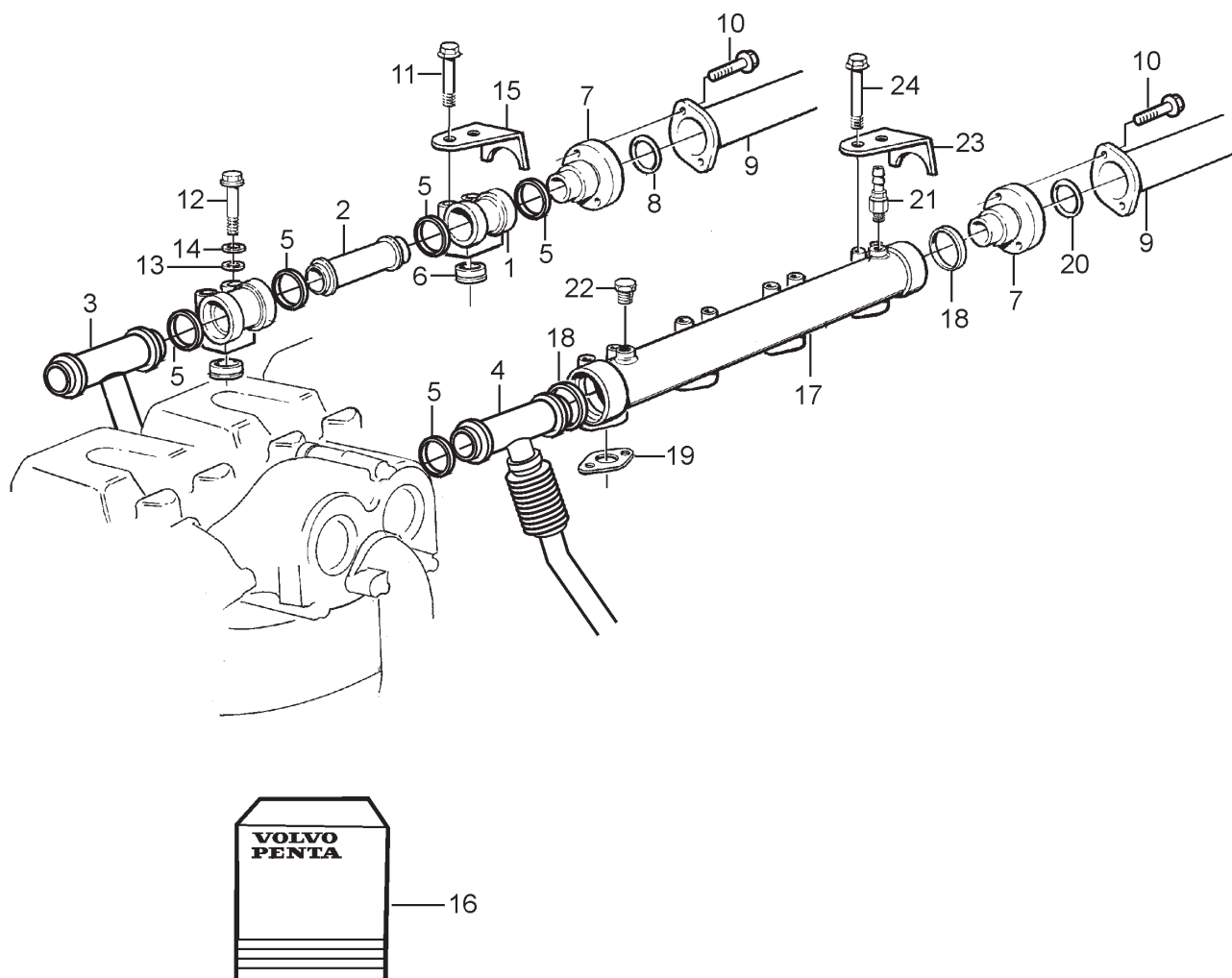
2) Replaced by 1pc pipe 85055135 and 1pc 85055143.



Water Pump and Thermostat**Vattenpump och termostat**Group
Grupp**26**

TAD1630G, TAD1630GE, TAD1631G, TAD1631GE

A					B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
		A	B	C				
58	85466662	2	-	-	Hose clamp	Slangklamma	L=950mm FOR TAD1630G L=900mm FOR TAD1631G	
59	85466654	X	-	-	Hose	Slang		
	85466654	X	-	-	Hose	Slang		
60	85469146	2	-	-	Plug	Propp		
61	85451276	2	-	-	Gasket.	Packning.		
62	85076511	1	-	-	Sealing ring	Tätningssring		
63	85461432	1	-	-	Flange	Fläns		
64	85466878	2	-	-	Flange screw.	Flänsskruv		
65	85458560	1	-	-	Plug	Propp		
66	85451656	3	-	-	Screw	Skruv		
67	85451896	3	-	-	Washer	Bricka		
68	85466381	3	-	-	Spring washer	Fjädrande bricka		
69	85076479	3	-	-	Sealing ring	Tätningssring		



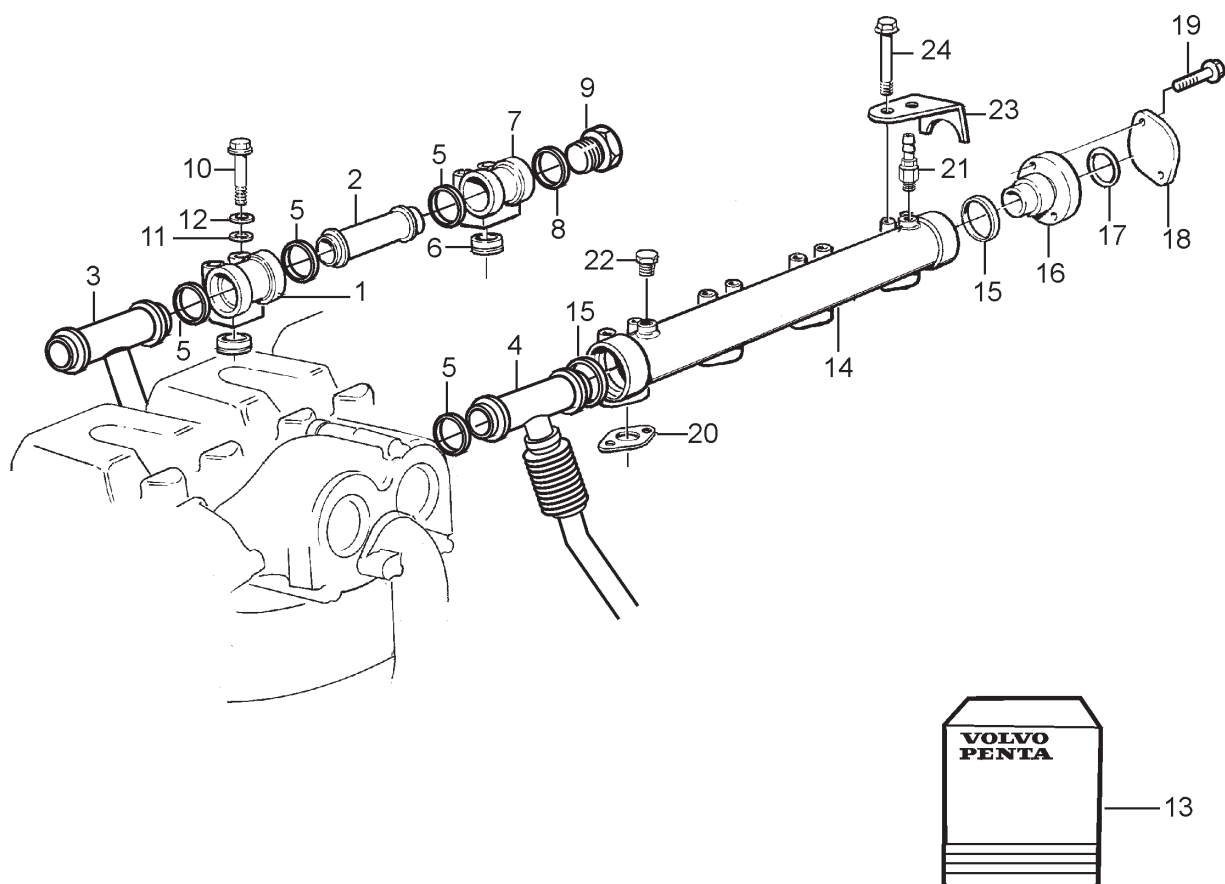
Collecting Pipe

Samlingsrör

Group
Grupp**26**

TWD1620G, TWD1630G

A TIDIGARE UTFÖRANDE			B SENARE UTFÖRANDE			C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
1	85055846	4	-	-	Connector	Anslutning	REPL BY85055895
2	85055853	3	-	-	Tube	Rör	
3	85055861	1	-	-	Tube	Rör	REPL BY 85077782
4	85077782	-	1	-	Tube	Rör	
5	85076487	7	1	-	Sealing ring	Tättningsring	
6	85076511	4	-	-	Sealing ring	Tättningsring	
7	85055879	1	1	-	Flange	Fläns	
8	85460541	1	-	-	Gasket	Packning	
9	85461085	1	1	-	Tube	Rör	
10	85467116	2	2	-	Flange screw	Flänsskruv	
11	85469534	2	-	-	Screw	Skruv	
12	85451656	9	-	-	Screw	Skruv	
13	85451896	9	-	-	Washer	Bricka	
14	85466381	10	-	-	Spring washer	Fjädrande bricka	
15	85055887	1	-	-	Bracket	Konsol	
16	85055895	-	1	-	Collecting pipe	Samlingsrör	
17	85055903	-	1	-	• Coolant pipe	• Kylvattenrör	
18	85076487	-	2	-	• Sealing ring	• Tättningsring	
19	85055911	-	4	-	• Gasket	• Packning	
20	85460541	-	1	-	• Gasket	• Packning	
21	85055929	-	1	-	• Cock	• Kran	
22	85458678	-	1	-	• Plug	• Propp	
23	85055937	-	1	-	• Bracket	• Konsol	
24	85469534	-	2	-	• Screw	• Skruv	



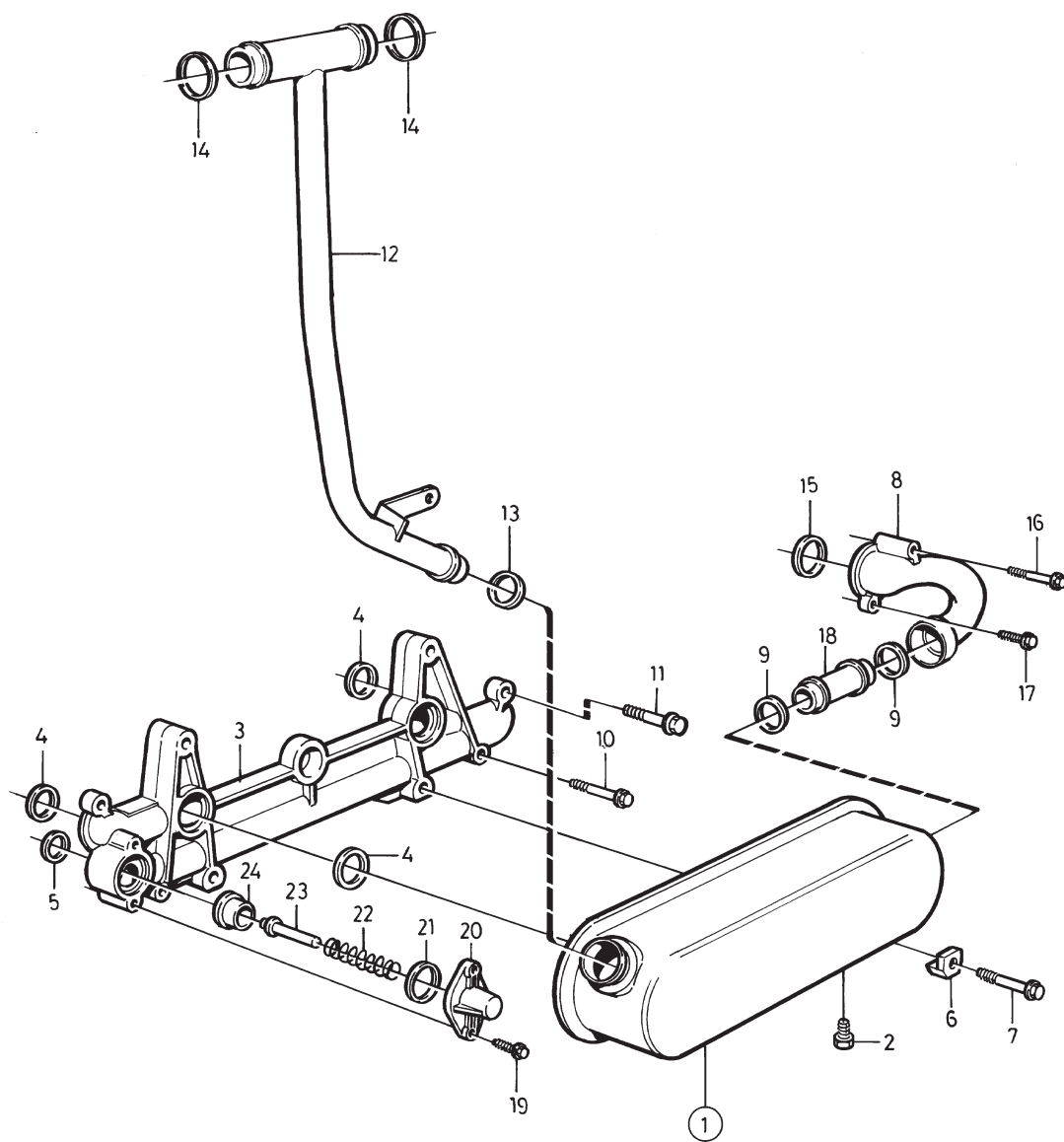
Collecting Pipe

Samlingsrör

Group
Grupp**26**

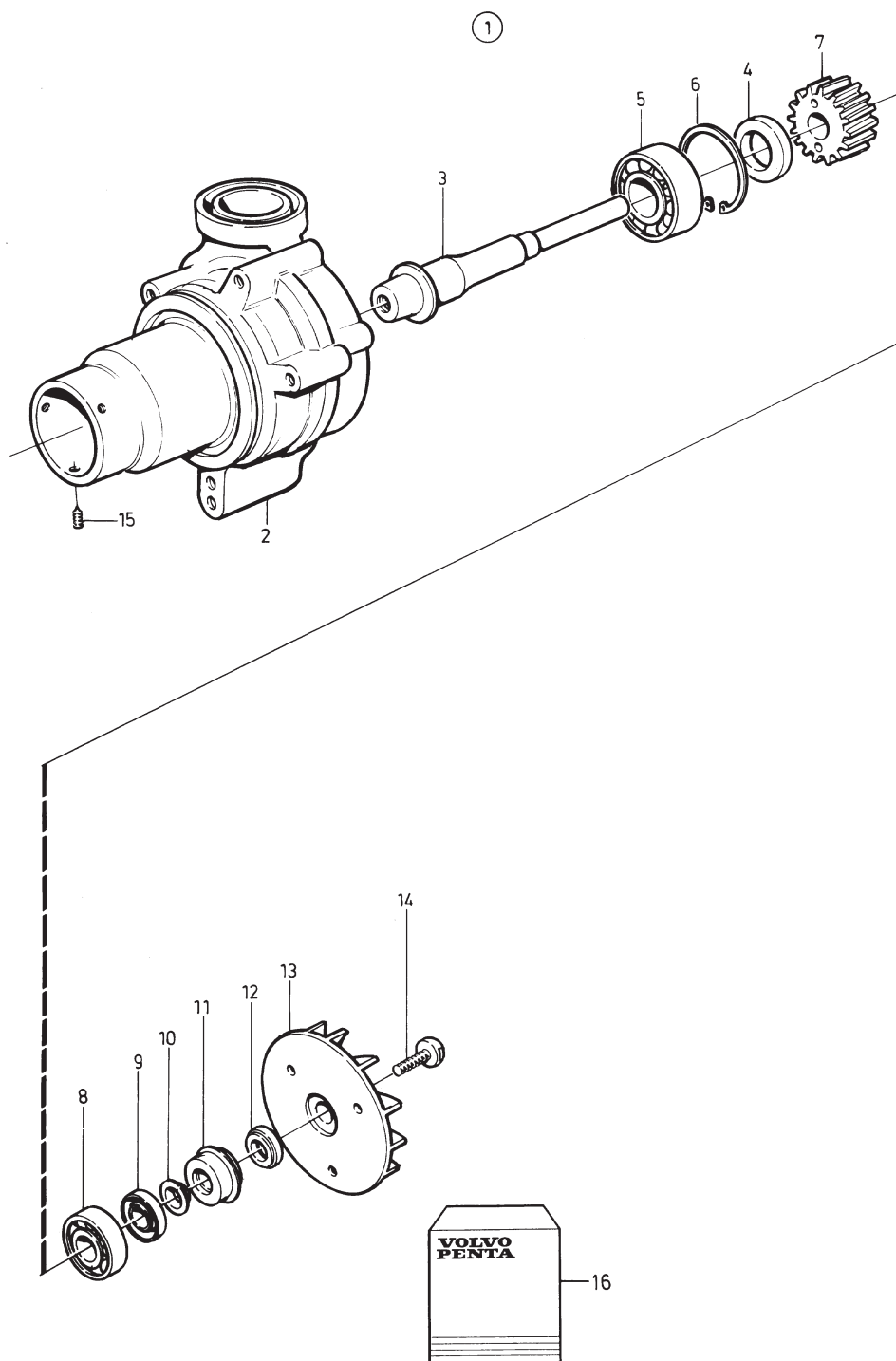
TAD1630G, TAD1630GE, TAD1631G, TAD1631GE

A EARLIER PRODUCTION					B LATER PRODUCTION		C
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
1	85055846	4	-	-	Connector	Anslutning	REPL BY 85055952
2	85055853	3	-	-	Tube	Rör	
3	85055861	1	-	-	Tube	Rör	
4	85077782	-	1	-	Tube	Rör	REPL BY 85077782
5	85076487	8	1	-	Sealing ring	Tättningsring	
6	85076511	4	-	-	Sealing ring	Tättningsring	
7	85055945	1	-	-	Connector	Anslutning	REPL BY 85055952
8	85467256	1	-	-	• Gasket	• Packning	
9	85469880	1	-	-	• Plug	• Plugg	
10	85451656	9	-	-	Screw	Skruv	
11	85451896	9	-	-	Washer	Bricka	
12	85466381	10	-	-	Spring washer	Fjädrande bricka	
13	85055952	-	1	-	Collecting pipe	Samlingsrör	
14	85055903	-	1	-	• Coolant pipe	• Kylvattenrör	
15	85076487	-	2	-	• Sealing ring	• Tättningsring	
16	85055879	-	1	-	• Flange	• Fläns	
17	85460541	-	1	-	• Gasket	• Packning	
18	85055960	-	1	-	Seal flange	Blindfläns	
19	85467116	-	2	-	Flange screw	Flänsskruv	
20	85055911	-	4	-	Gasket	Packning	
21	85055929	-	1	-	• Cock	• Kran	
22	85458578	-	1	-	• Plug	• Propp	
23	85055937	-	1	-	• Bracket	• Konsol	
24	85469534	-	2	-	• Screw	• Skruv	



Oil Cooler**Oljekylare**Group
GruppTWD1620G, TWD1630G, TAD1630G, TAD1630GE,
TAD1631G, TAD1631GE**26**

A					B		C	
Ref	Part No	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
pos	Artikel nr	A	B	C				
1	85072288	1	-	-	Oil cooler	Oljekylare	(85055861)	
2	85458578	1	-	-	• Plug	• Propp		
3	85077709	1	-	-	Plate	Platta		
4	85072379	4	-	-	Sealing ring	Tätningsring		
5	85072395	1	-	-	Sealing ring	Tätningsring		
6	85457836	4	-	-	Retainer	Hållare		
7	85469583	4	-	-	Screw	Skruv		
8	85076263	1	-	-	Tube, cylinder block	Rör, cylinder block		
9	85077790	2	-	-	Sealing ring	Tätningsring		
10	85469674	2	-	-	Screw	Skruv		
11	85467041	2	-	-	Flange screw	Flänsskruv		
12	85077782	1	-	-	Tube	Rör		
13	85077790	1	-	-	Sealing ring	Tätningsring		
14	85076487	2	-	-	Sealing ring	Tätningsring		
15	85077840	1	-	-	Sealing ring	Tätningsring		
16	85469682	1	-	-	Screw	Skruv		
17	85467041	1	-	-	Flange screw	Flänsskruv		
18	85457711	1	-	-	Tube	Rör		
19	85467041	2	-	-	Flange screw	Flänsskruv		
20	85076628	1	-	-	Cover	Huv		
21	85076511	1	-	-	Sealing ring	Tätningsring		
22	85076651	1	-	-	Spring	Fjäder		
23	85076636	1	-	-	Peg	Kägla		
24	85076982	1	-	-	Valve seat	Ventilsäte		
							BY-PASS	



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Water Pump, Components

Vattenpump, detaljer

Group
Grupp**26**

A 85076289				B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
1	85076289	1	-	-	Water pump	Vattenpump	
2		1	-	-	• Housing	• Hus	
3	85078328	1	-	-	• Shaft	• Axel	
4	85076933	1	-	-	• Stop ring	• Stoppring	
5	85451797	1	-	-	• Ball bearing	• Kullager	
6	85465854	1	-	-	• Lock ring	• Låsring	
7	85076339	1	-	-	• Drive gear	• Drivhjul	
8	85451789	1	-	-	• Roller bearing	• Rullager	
9	85468965	1	-	-	• Sealing ring	• Tätningsring	
10	85451573	1	-	-	• Deflector	• Avkastare	
11	85077154	1	-	-	• Sealing ring	• Tätningsring	FOR 85055978
	85078392	1	-	-	• Sealing ring	• Tätningsring	FOR 85077469
12	85455269	1	-	-	• Wear ring	• Slitring	
13	85055978	1	-	-	• Impeller	• Skovelhjul	REPL BY 85077469+85078392
	85077469	1	-	-	• Impeller	• Skovelhjul	FOR 85078392
14	85076214	1	-	-	• Screw	• Skruv	
15	85075174	3	-	-	• Set screw	• Stoppskruv	
16	85450567	1	-	-	Overhaul kit	Renoveringssats	SEE GROUP 99

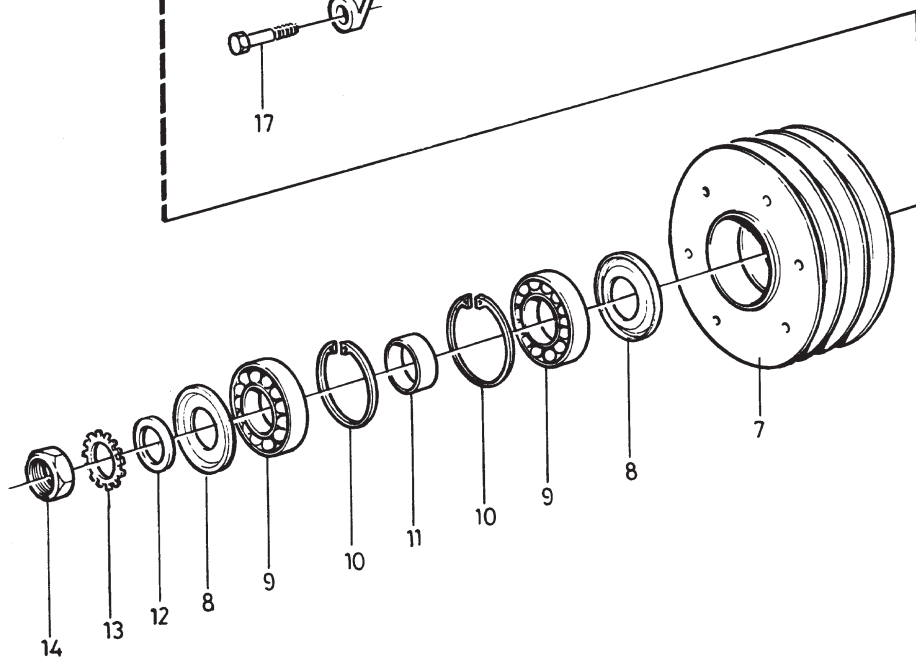
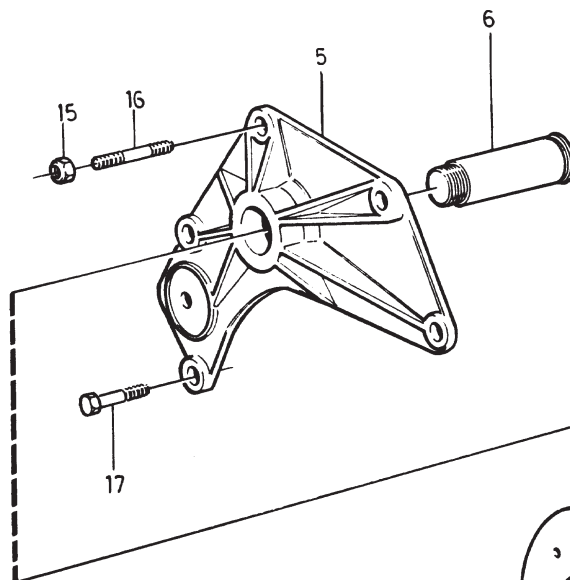
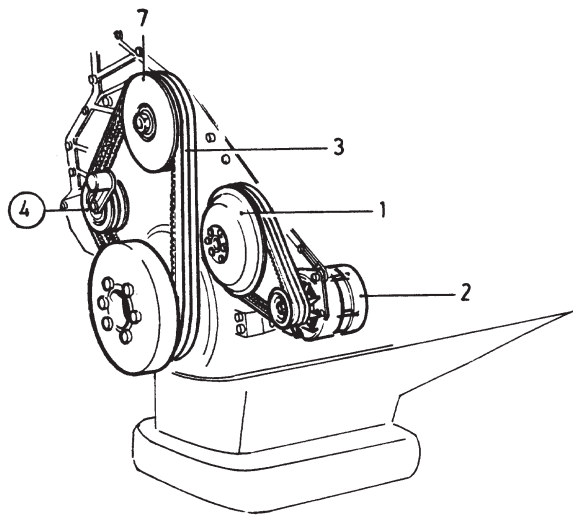
Water Pump, Components

Vattenpump, detaljer

Group
Grupp**26**

A			B 85402329			C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
1		1	-	-	Water pump	Vattenpump	
	85402329	-	1	-	Circulation pump	Cirkulationspump	
2		1	1	-	• Housing	• Hus	
3	85078327	1	1	-	• Shaft	• Axel	1)
4	85076933	1	1	-	• Stop ring	• Stoppring	
5	85451797	1	-	-	• Ball bearing	• Kullager	1)
	85451771	-	1	-	• Ball bearing	• Kullager	
6	85465854	1	1	-	• Lock ring	• Låsring	1)
7	85076339	1	1	-	• Drive gear	• Drivhjul	
8	85451789	1	-	-	• Roller bearing	• Rullager	1)
	85451821	-	1	-	• Roller bearing	• Rullager	
9	85468965	1	1	-	• Sealing ring	• Tätningsring	1)
10	85078392	1	1	-	• Sealing ring	• Tätningsring	1)
11	85077469	1	1	-	• Impeller	• Skovelhjul	1)
12	85076214	1	1	-	• Screw	• Skruv	1)
13	85075174	3	-	-	• Set screw	• Stoppskruv	1)
	85075919	-	3	-	• Set screw	• Stoppskruv	
14	85450567	1	-	-	Overhaul kit	Renoveringssats	

1) Included in kit **85450567**.



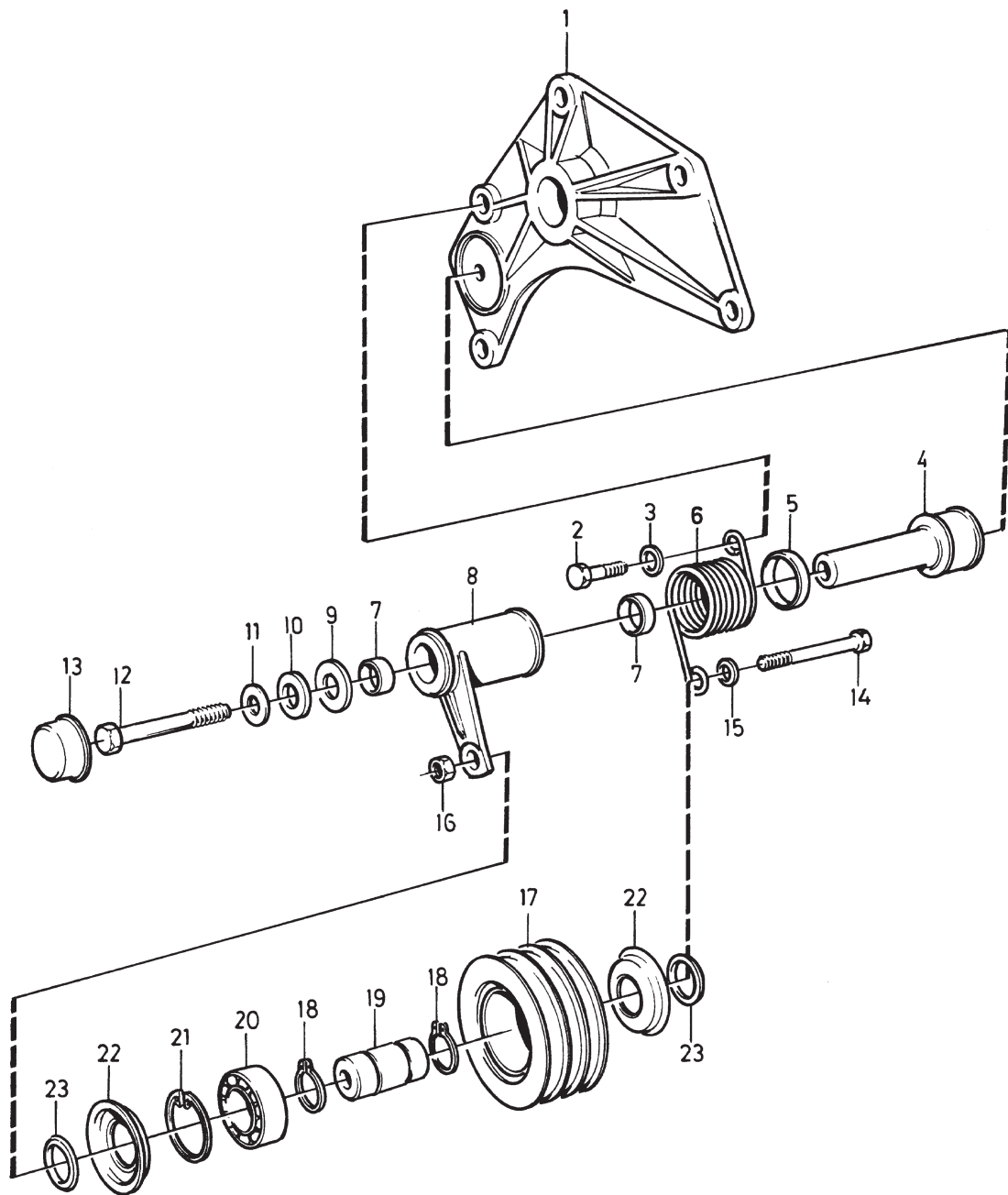
Belt Transmission and Belt Tensioner Device

Remtransmission och remsträcksanordning

Group
GruppTWD1620G, TWD1630G, TAD1630G, TAD1630GE,
TAD1631G, TAD1631GE**26**

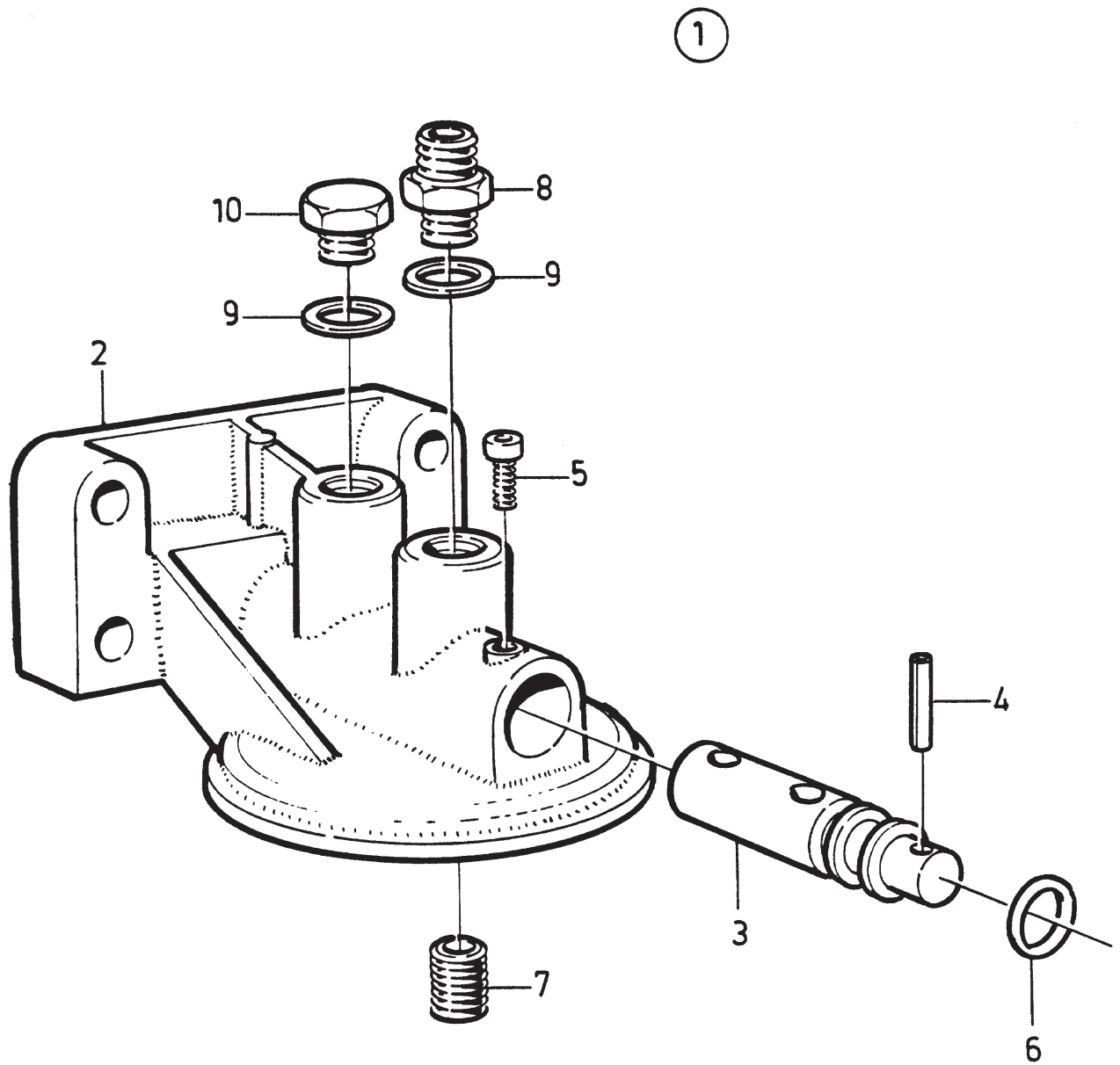
A TWD1620G, TWD1630G, TAD1630G, TAD1630GE					B TAD1631G, TAD1631GE		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
		A	B	C				
1		1	1	-	Pulley	Remskiva	SEE GROUP 30 SEE GROUP 30 FOR 85460988, 85070803 FOR 85079945 SEE PAGE 187	
2		1	1	-	Alternator	Generator		
3	85401586	1	1	-	V-belt set	Kilremsats		
	85450666	-	1	-	V-belt set	Kilremsats	1) 2) ALT O.D=190mm 3) ALT O.D=190mm ALT O.D=170mm	
4		1	1	-	Belt tensioner	Remsträckare		
5	85460970	1	1	-	Fan console	Fläktkonsol		
6	85055986	1	1	-	Shaft	Axel	1) 2) 3)	
7	85460988	1	1	-	Pulley	Remskiva		
	85070803	1	1	-	Pulley	Remskiva		
	85079945	-	1	-	Pulley	Remskiva	1) 2) 3)	
8	85071868	2	2	-	Sealing ring	Tätningarring		
9		2	2	-	Ball bearing	Kullager		
	85451813	2	2	-	Ball bearing	Kullager		
10	85465862	2	2	-	Lock ring	Låsring		
11	85071843	1	1	-	Spacer sleeve	Distanshylsa		
12	85071850	1	1	-	Spacer ring	Distansring		
13	85465714	1	1	-	Lock washer	Låsbricka		
14	85073831	1	1	-	Round nut	Rundmutter		
15	85075547	2	2	-	Nut	Mutter		
16	85054492	2	2	-	Stud	Pinnskruv		
17	85466936	1	1	-	Flange screw	Flänsskruv		

- 1) Replaced by 1pce pulley 85070803 and
2pcs ball bearing 85451813.
2) SN-2160023645
3) SN2160023646-



Belt Tensioner Device**Remsträcksanordning**Group
GruppTWD1620G, TWD1630G, TAD1630G, TAD1630GE,
TAD1631G, TAD1631GE**26**

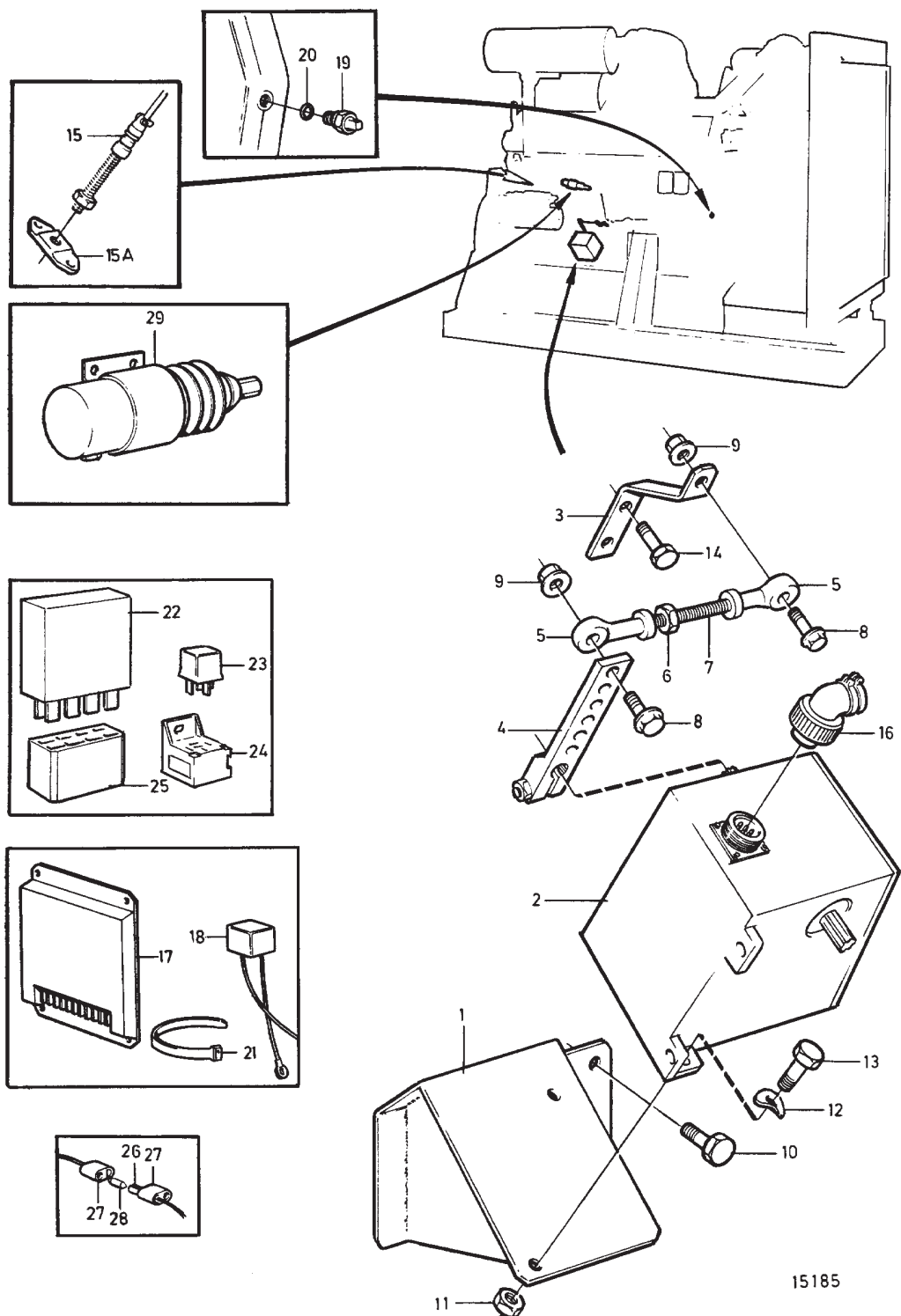
A				B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description Benämning	Notes/Anmärkning	
		A	B	C			
1		1	-	-	Bracket	Konsol	SEE PAGE 185
2	85469591	1	-	-	Screw	Skruv	
3	85075729	1	-	-	Washer	Bricka	
4	85461044	1	-	-	Pin	Axeltapp	
5	85457380	1	-	-	Sealing ring	Tättningsring	
6	85461051	1	-	-	Spring	Fjäder	
7	85466944	2	-	-	Bearing bushing	Lagerbussning	
8	85461069	1	-	-	Lever	Hävarm	
9	85459444	1	-	-	Wear washer	Slitbricka	
10	85469088	1	-	-	Washer	Bricka	
11	85468668	1	-	-	Washer	Bricka	
12	85075414	1	-	-	Screw	Skruv	
13	85457927	1	-	-	Protecting casing	Skyddsskåpa	
14	85075356	1	-	-	Screw	Skruv	
15	85075729	1	-	-	Washer	Bricka	
16	85075539	1	-	-	Lock nut	Låsmutter	
17	85461036	1	-	-	Pulley	Remskiva	
18	85465805	2	-	-	Lock ring	Låsring	
19	85461028	1	-	-	Shaft	Axel	
20	85451722	1	-	-	Ball bearing	Kullager	
21	85465805	1	-	-	Retaining ring	Spårring	
22	85459469	2	-	-	Protecting plate	Skyddsplåt	
23	85469872	2	-	-	Sealing ring	Tättningsring	



8926

Bracket for Cooling Water Filter**Konsol för kylvattenfilter**Group
GruppTWD1620G, TWD1630G, TAD1630G, TAD1630GE,
TAD1631G, TAD1631GE**26**

A					B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
		A	B	C				
1	85078129	1	-	-	Bracket	Konsol.	OP	
2		1	-	-	• Housing	• Hus		
3	85078137	1	-	-	• Spindle	• Spindel		
4	85467710	1	-	-	• Spring pin	• Rörpinne		
5	85469187	1	-	-	• Screw	• Skruv		
6	85075158	1	-	-	• O-ring	• O-ring		
7	85078111	1	-	-	• Nipple	• Nippel		
8	85466316	1	-	-	• Nipple	• Nippel		
9	85075232	2	-	-	• Gasket	• Packning		
10	85469120	1	-	-	• Plug	• Propp		



Electronic Speed Control

Elektroniskt varvtalsreglage

Group
Grupp**27**

TWD1620G, TWD1630G

A					B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
		A	B	C				
1	85462711	1	-	-	Shelf	Hylla	1) REPL BY 85071652 REPL BY 85465433 2) <	

1)

REPL BY 85071652

REPL BY 85465433

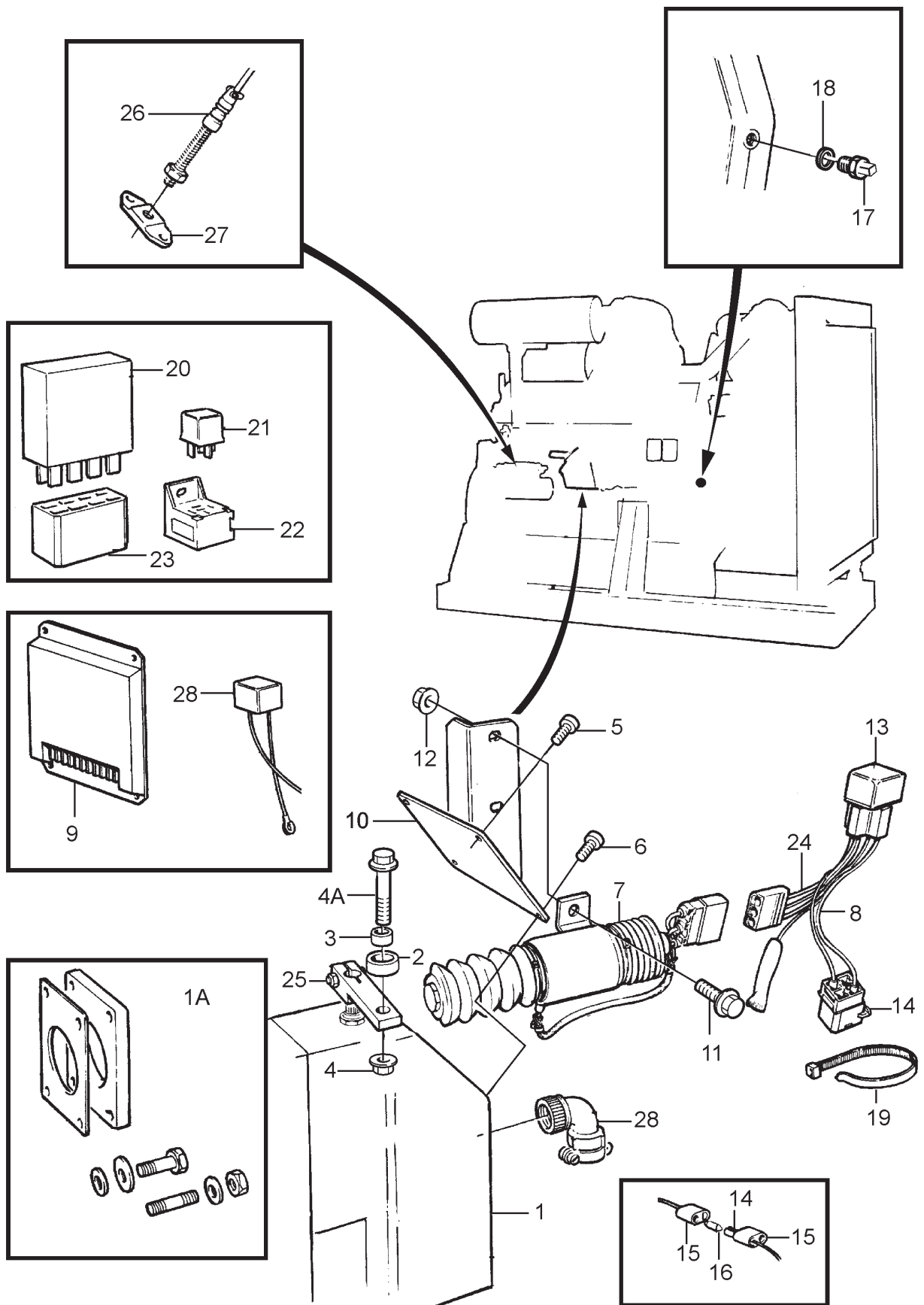
2)

8A

SEE PAGE 199

1) On the flywheel casing.
2) On the timing gear casing.

På svänghjulskåpan.
På transmissionskåpan.



Electronic Speed Control**Elektroniskt varvtalsreglage**Group
Grupp**27**

TAD1630G, TAD1630GE, TAD1631G, TAD1631GE

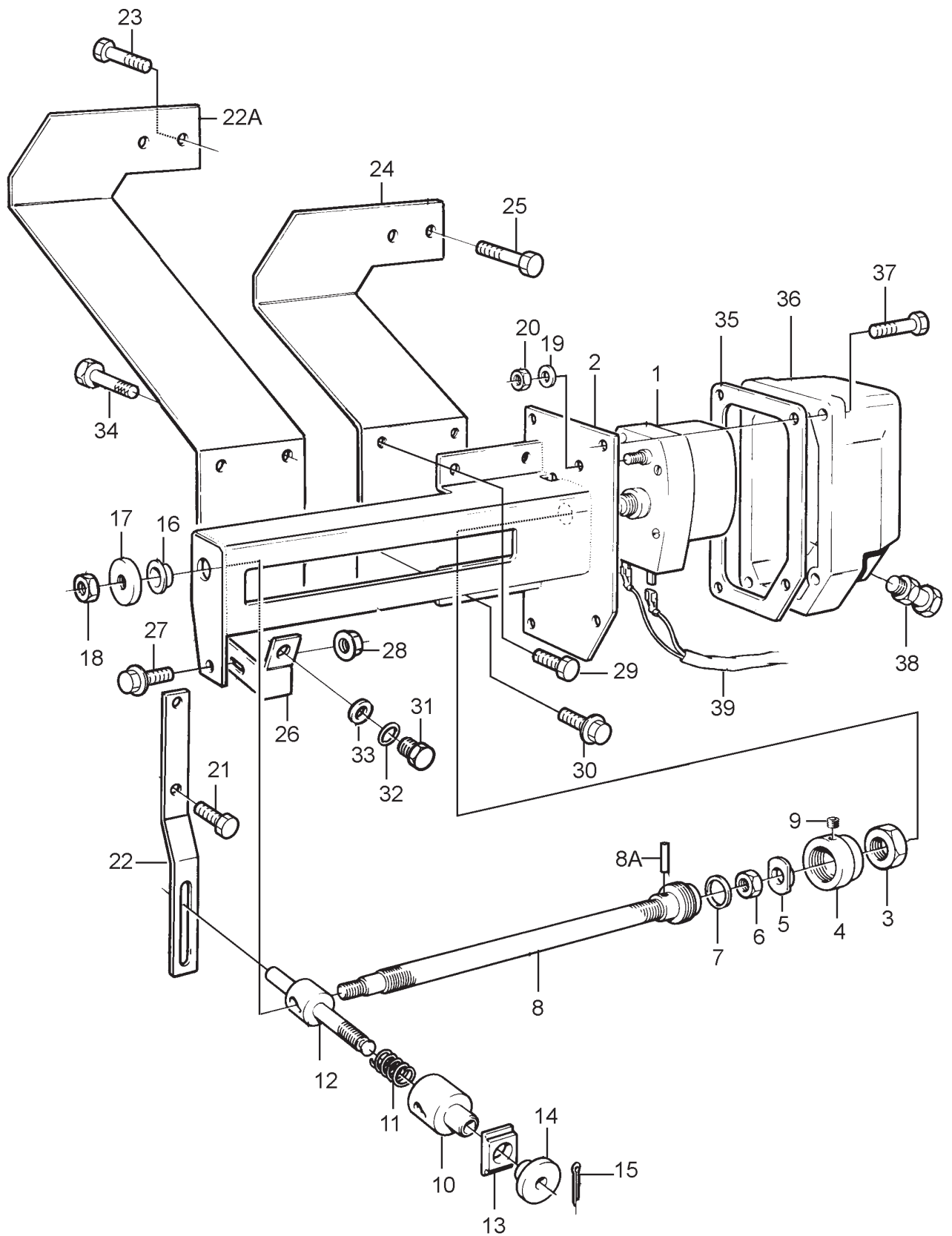
A				B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description Benämning	Notes/Anmärkning	
		A	B	C			
1	85464378	1	-	-	Actuator	1) GAC. ACB275D 2) GAC. ACB275H	
	85069995	1	-	-	Actuator		
1A	85464386	1	-	-	Mounting kit	REPL BY 85465433	
2	85056612	1	-	-	Wheel		
3	85056638	1	-	-	Spacer sleeve		
4	85466845	1	-	-	Flange nut		
4A	85467181	1	-	-	Screw		
5	85054500	2	-	-	Screw		
6	85467446	2	-	-	Screw, sealing		
7	85466786	1	-	-	Stop solenoid		
8	85056794	1	-	-	Adapter		
9		1	-	-	Engine control unit		
	85465433	1	-	-	Control unit		
10	85056711	1	-	-	Bracket		
11	85467025	2	-	-	Flange screw		
12	85466845	2	-	-	Flange nut		
13	85072916	1	-	-	Relay		
14	85076008	1	-	-	Receptacle housing		
15	85469898	1	-	-	Fuse holder		
16	85451235	1	-	-	Fuse		
17	85462174	1	-	-	Tachometer sensor		
18	85461276	2	-	-	Gasket		
19	85467298	X	-	-	Strip clamp		
20	85465219	1	-	-	Runaway monitor		
21	85072916	1	-	-	Relay		
22	85075737	1	-	-	Tab housing		
23	85466803	1	-	-	Receptacle housing		
24		X	-	-	, Cables and terminals		
		X	-	-	, Electrical materials		
25	85057370	1	-	-	Lever		
26	85463388	1	-	-	Impulse sensor		
27	85071819	1	-	-	Cover		
28	85461358	1	-	-	Transient protector		
29	85459931	1	-	-	Angle contact		
	85071652	1	-	-	Switch device		
						8A 3) <	

1) Replaced by actuator 85069995.

2) Mounting kit not used.

3) On the timing gear casing.

4) On the flywheel casing.

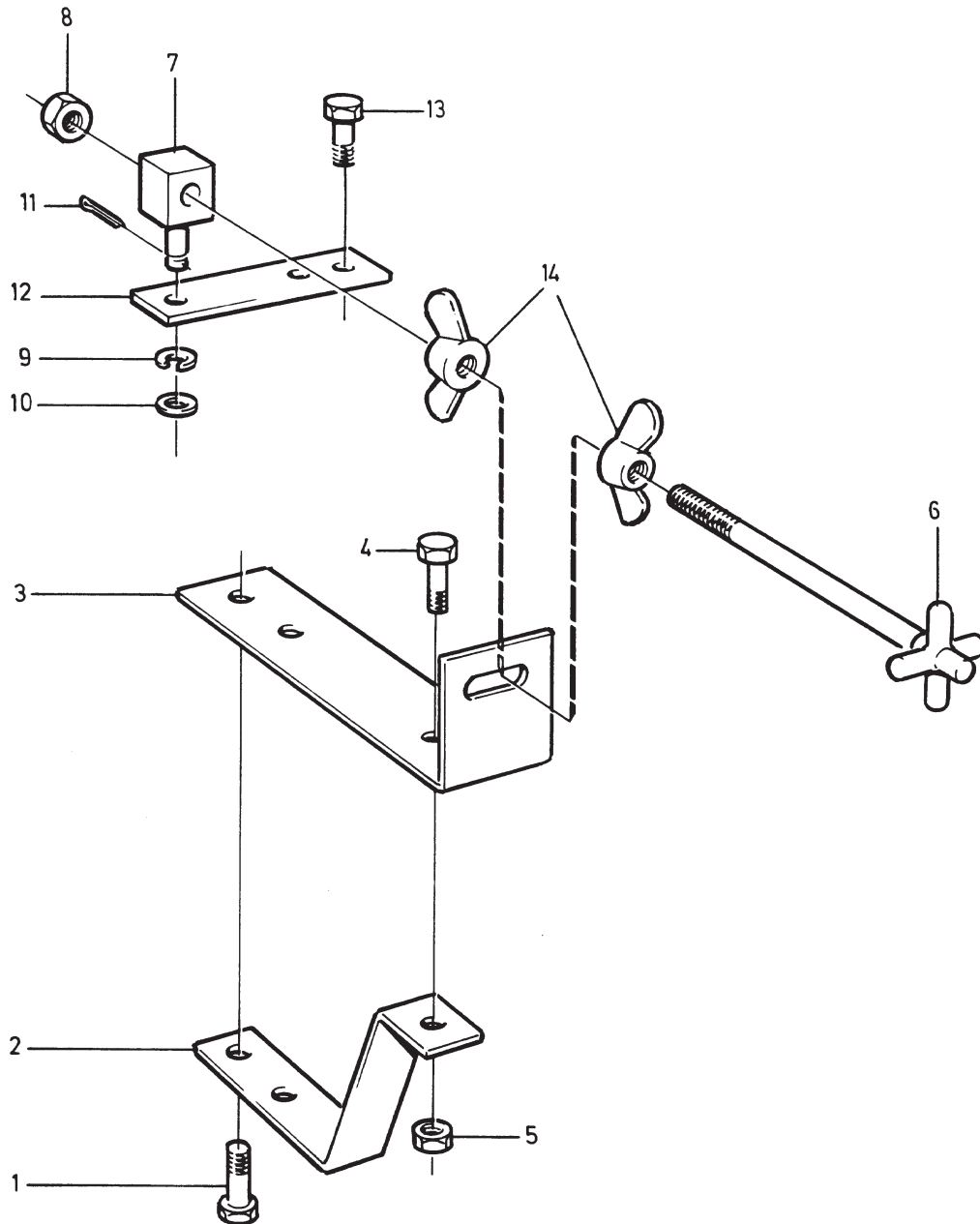


Control Motor for Speed Control**Reglermotor för
varvtalsreglering**Group
Grupp**27**

TWD1620G, TWD1630G

A					B		C	
Ref	Part No	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
pos	Artikel nr	A	B	C				
1	85459238	1	-	-	Control motor	Reglermotor	OP	
2	85459246	1	-	-	Retainer	Hållare		
3	85459253	1	-	-	Nut	Mutter		
4	85459261	1	-	-	Nut	Mutter		
5	85459279	1	-	-	Companion flange	Medbringare		
6	85468494	1	-	-	Nut	Mutter		
7	85073443	1	-	-	Spring washer	Fjädrande bricka		
8	85459287	1	-	-	Adjusting screw	Justerskruv		
8A	85467694	1	-	-	• Spring pin	• Rörpinne		
9	85466902	1	-	-	Screw	Skruv		
10	85459295	1	-	-	Sleeve	Hylsa		
11	85458693	1	-	-	Spring	Fjäder		
12	85459303	1	-	-	Companion flange	Medbringare		
13	85459311	1	-	-	Guide	Styrning		
14	85459329	1	-	-	Control button	Manöverknapp		
15	85465730	1	-	-	Split pin	Saxpinne		
16	85459337	1	-	-	Bushing	Bussning		
17	85459329	1	-	-	Control button	Manöverknapp		
18	85468494	1	-	-	Nut	Mutter		
19	85466001	1	-	-	Washer	Bricka		
20	85468496	1	-	-	Nut	Mutter		
21	85469476	2	-	-	Screw	Skruv		
22	85462216	1	-	-	Lever	Hävarm		
22A	85462190	1	-	-	Bracket	Konsol		
23	85469476	2	-	-	Screw	Skruv		
24	85462208	1	-	-	Bracket	Konsol		
25	85469476	2	-	-	Screw	Skruv		
26	85462240	1	-	-	Attaching plate	Fästjärn		
27	85467025	1	-	-	Flange screw	Flänsskruv		
28	85466845	1	-	-	Flange nut	Flänsmutter		
29	85469476	2	-	-	Screw	Skruv		
30	85467025	2	-	-	Flange screw	Flänsskruv		
31	85462679	1	-	-	Plug	Propp		
32	85078897	1	-	-	Gasket	Packning		
33	85468635	1	-	-	Washer	Bricka		
34	85467132	1	-	-	Screw	Skruv		
35	85459402	1	-	-	Gasket	Packning		
36	85459394	1	-	-	Cover	Kåpa		
37	85468056	4	-	-	Screw	Skruv		
38	85465623	1	-	-	Cable fitting	Kabelförskruvning		
39		X	-	-	Cable block	Kabelstock		
					• Comps. see page 235	• Detaljer se sida 235		

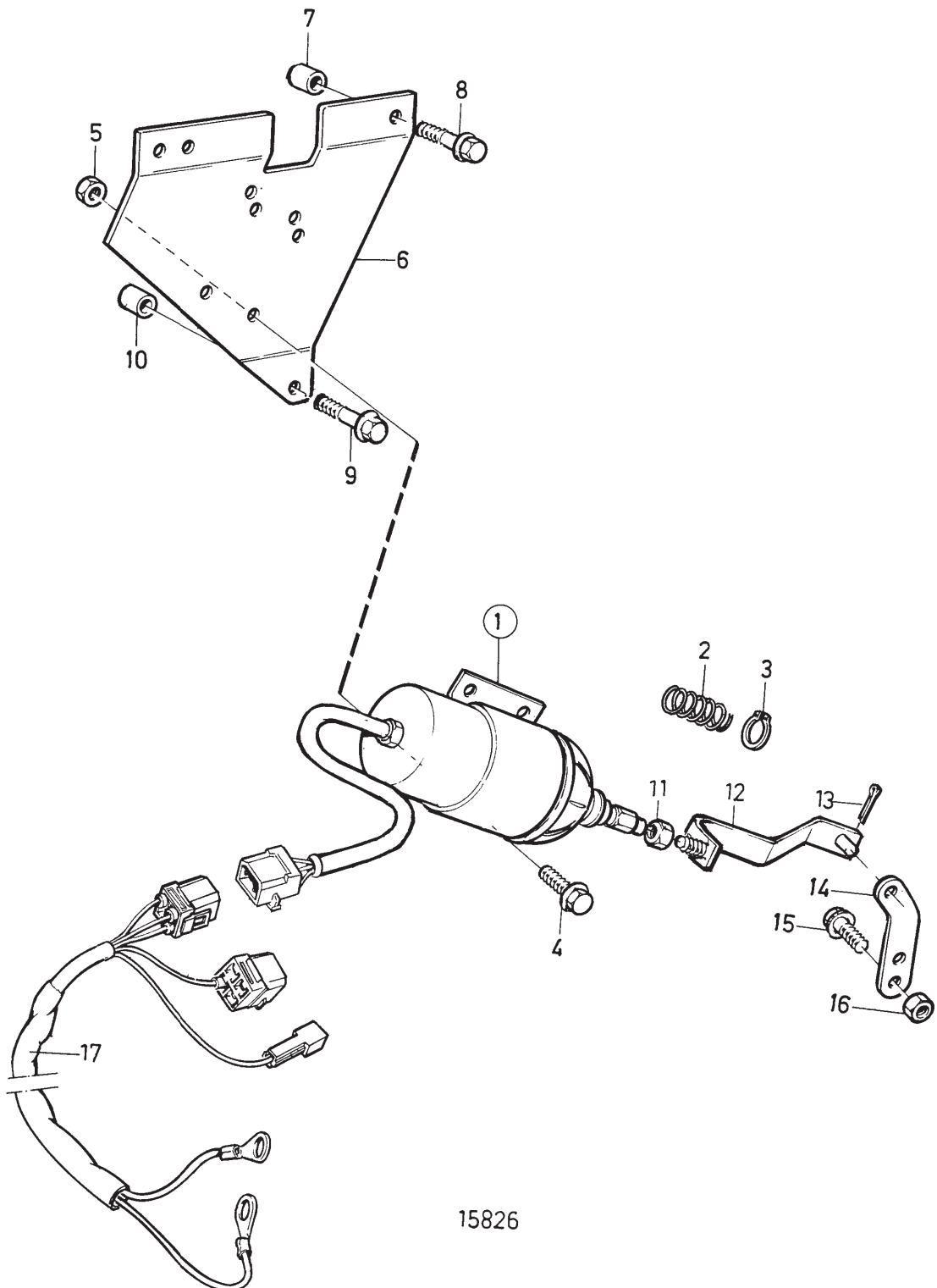
OP



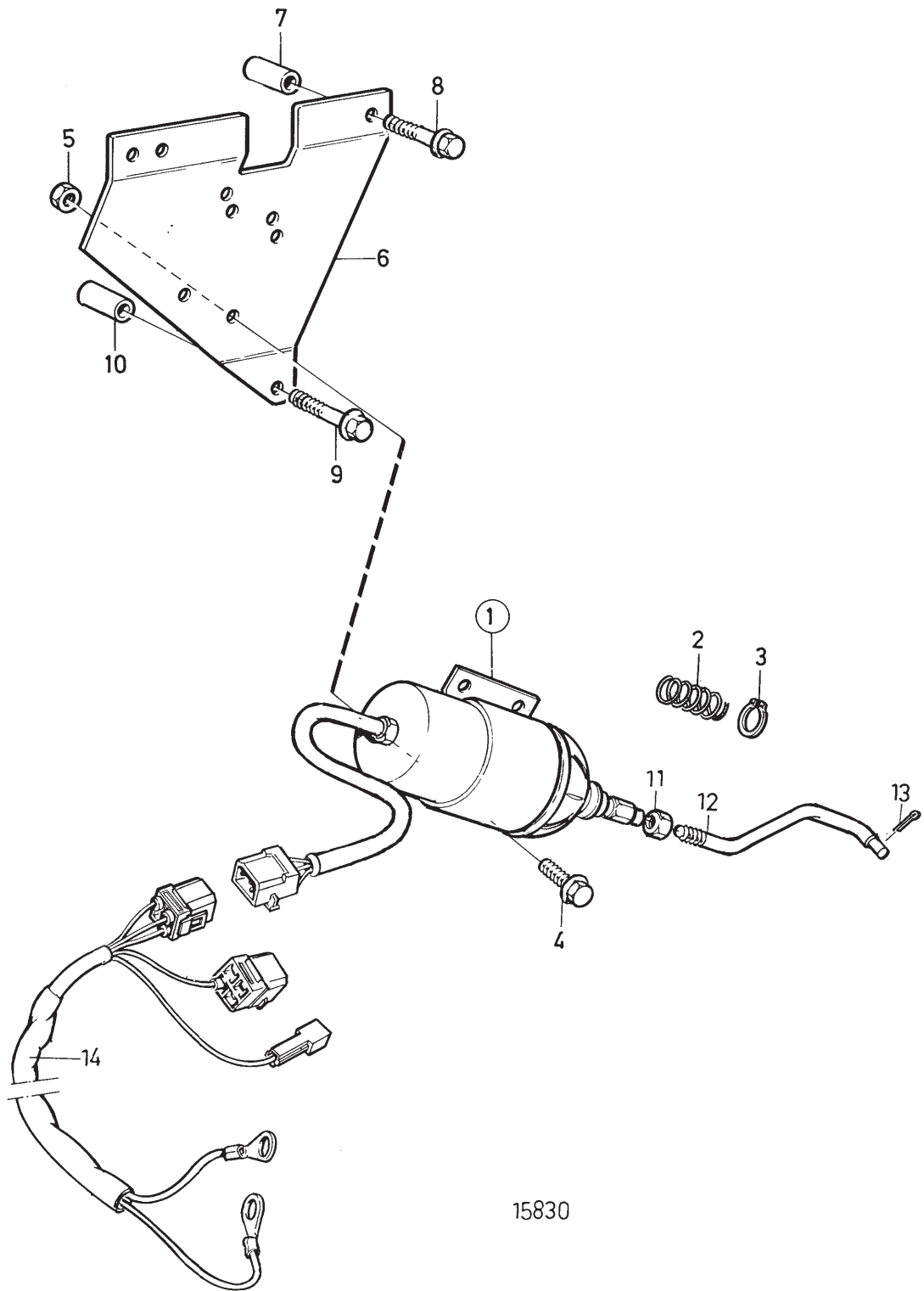
Manual Speed Control**Manuellt varvtalsreglage**Group
Grupp**27**

TWD1620G, TWD1630G

A				B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
1	85469476	4	-	-	Screw	Skruv	
2	85461424	1	-	-	Support	Stöd	
3	85462588	1	-	-	Bracket	Konsol	
4	85467025	1	-	-	Flange screw	Flänsskruv	
5	85466845	1	-	-	Flange nut	Flänsmutter	
6	85462786	1	-	-	Control rod	Reglerstång	
7	85460566	1	-	-	Cube	Tärning	
8	85469443	1	-	-	Nut	Mutter	
9	85467439	1	-	-	Spring washer	Fjäderbricka	
10	85468619	1	-	-	Washer	Bricka	
11	85458594	1	-	-	Lock spring	Låsfjäder	
12	85462596	1	-	-	Lever	Hävarm	
13	85469476	2	-	-	Screw	Skruv	
14	85451953	2	-	-	Wing nut	Vingmutter	



15826



15830

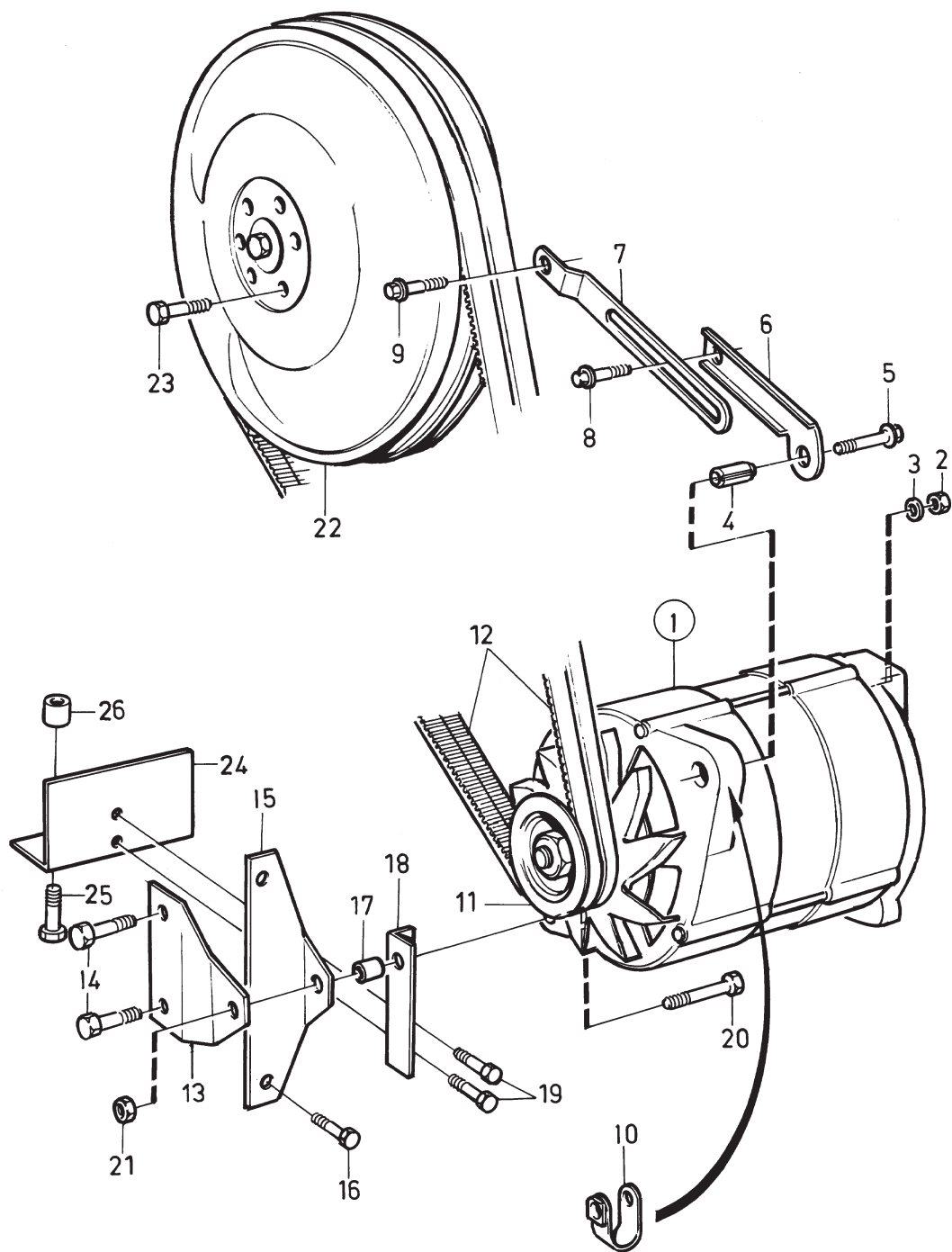
Stop Solenoid 24V, Energized to Stop.**Stoppmagnet 24V, strömförande vid stopp**Group
Grupp**27**

TWD1630G

A					B		C
Ref	Part No	Quantity/Antal			Description	Benämning	Notes/Anmärkning
pos	Artikel nr	A	B	C			
1	85465565	1	-	-	Control solenoid kit	Manövermagnetsats	1) 1) REPL BY 85465581 2) REPL BY85070795 3) 4) 5) TH=1,4 mm 6) TH=1,6mm
	85465581	1	-	-	Control solenoid kit	Manövermagnetsats	
	85070795	1	-	-	Control solenoid kit	Manövermagnetsats	
2	85459169	1	-	-	• Return spring	• Returfjäder	
	85460095	1	-	-	• Spring	• Fjäder	
3	85465789	1	-	-	• Lock ring	• Låsring	
4	85466977	4	-	-	Flange screw	Flänsskruv	
5	85466928	4	-	-	Lock nut	Låsmutter	
6	85461366	1	-	-	Bracket	Konsol	
7	85458812	2	-	-	Spacer sleeve	Distanshylsa	
8	85469500	2	-	-	Screw	Skruv	
9	85469518	1	-	-	Flange screw	Flänsskruv	
10	85458818	1	-	-	Spacer sleeve	Distanshylsa	
11	85468502	1	-	-	Nut	Mutter	
12	85070217	1	-	-	Pull rod	Dragstång	
13	85465730	1	-	-	Split pin	Saxpinne	
14	85465284	1	-	-	Cable harness	Kabelmatta	

- 1) The existing spring should be changed to 85460095.
2) Marked 873754.
3) Only spring 85460095 should be used.
4) Mounted in control solenoid kit 85465565, 85465581 and early production of 85070795.
5) Deleted and should be replaced by 85460095.
6) Mounted in later production of 85070795.

- 1) Key included in 85072296.
- 2) For 85072296 and 85071769.



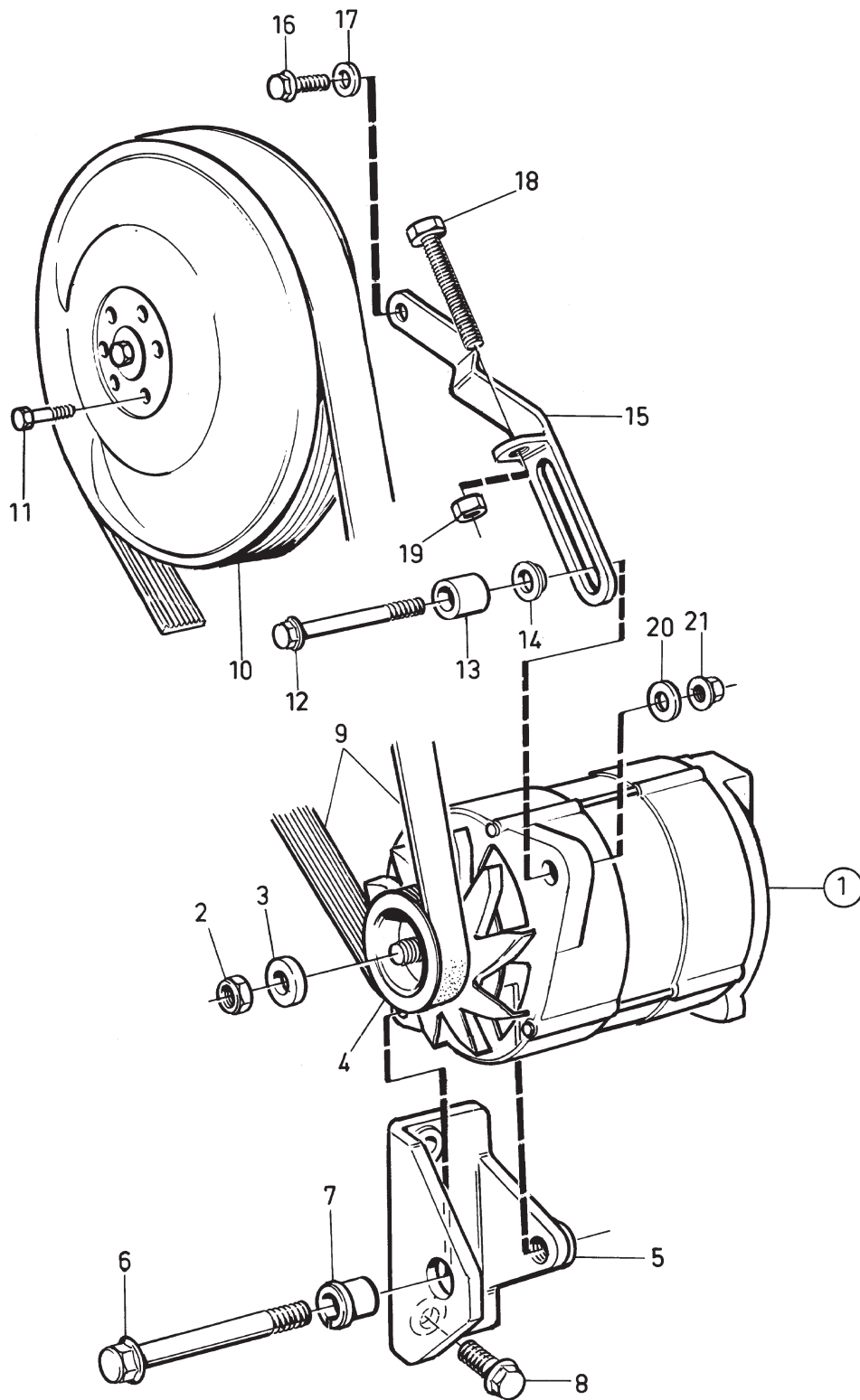
15782

Alternator SN-216016584**Generator SN-216016584**Group
Grupp**30**

TWD1620G, TWD1630G, TAD1630G

A				B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
1	85401404	1	-	-	Alternator	Generator	1) 28V 60A. E.U=3803181 28V 60A, E.U=3803270 28V 60A M4
					• Comps. see page 213	• Detaljer se sida 213	
		1	-	-	Alternator	Generator	
					• Comps. see page 213	• Detaljer se sida 213	
	85468478	1	-	-	Alternator	Generator	
					• Comps. see page 215	• Detaljer se sida 215	
		1	-	-	Nut	Mutter	
					Spring washer	Fjädrande bricka	
2	85466357	1	-	-	Pin	Pinne	
3	85078004	1	-	-	Screw	Skruv	
4	85073197	1	-	-	Tensioner	Spännjärn	
5	85460426	1	-	-	Tensioner	Spännjärn	
6	85461671	1	-	-	Flange screw	Flänsskruv	
7	85466936	1	-	-	Screw	Skruv	
8	85073179	1	-	-	Tensioning loop	Spännögla	
9	85456135	1	-	-	Pulley	Remskiva	
10	85458842	1	-	-	V-belt set	Kilremsats	
11	85401396	1	-	-	Bracket	Konsol	
12	85462737	1	-	-	Screw	Skruv	
13	85075489	2	-	-	Bracket	Konsol	
14	85462745	1	-	-	Screw	Skruv	
15	85469609	2	-	-	Spacer sleeve	Distanshylsa	
16	85458776	1	-	-	Bracket	Konsol	
17	85462968	1	-	-	Flange screw	Flänsskruv	
18	85467025	2	-	-	Screw	Skruv	
19	85075232	1	-	-	Flange lock nut	Flänslåsmutter	
20	85075570	1	-	-	Pulley	Remskiva	
21	85460939	1	-	-	Flange screw	Flänsskruv	
22	85466936	6	-	-	Bracket	Konsol	
23	85462950	1	-	-	Flange screw	Flänsskruv	
24	8546878	2	-	-	Spacer sleeve	Distanshylsa	
25	85458628	2	-	-			

1) Replaced by 85465375.



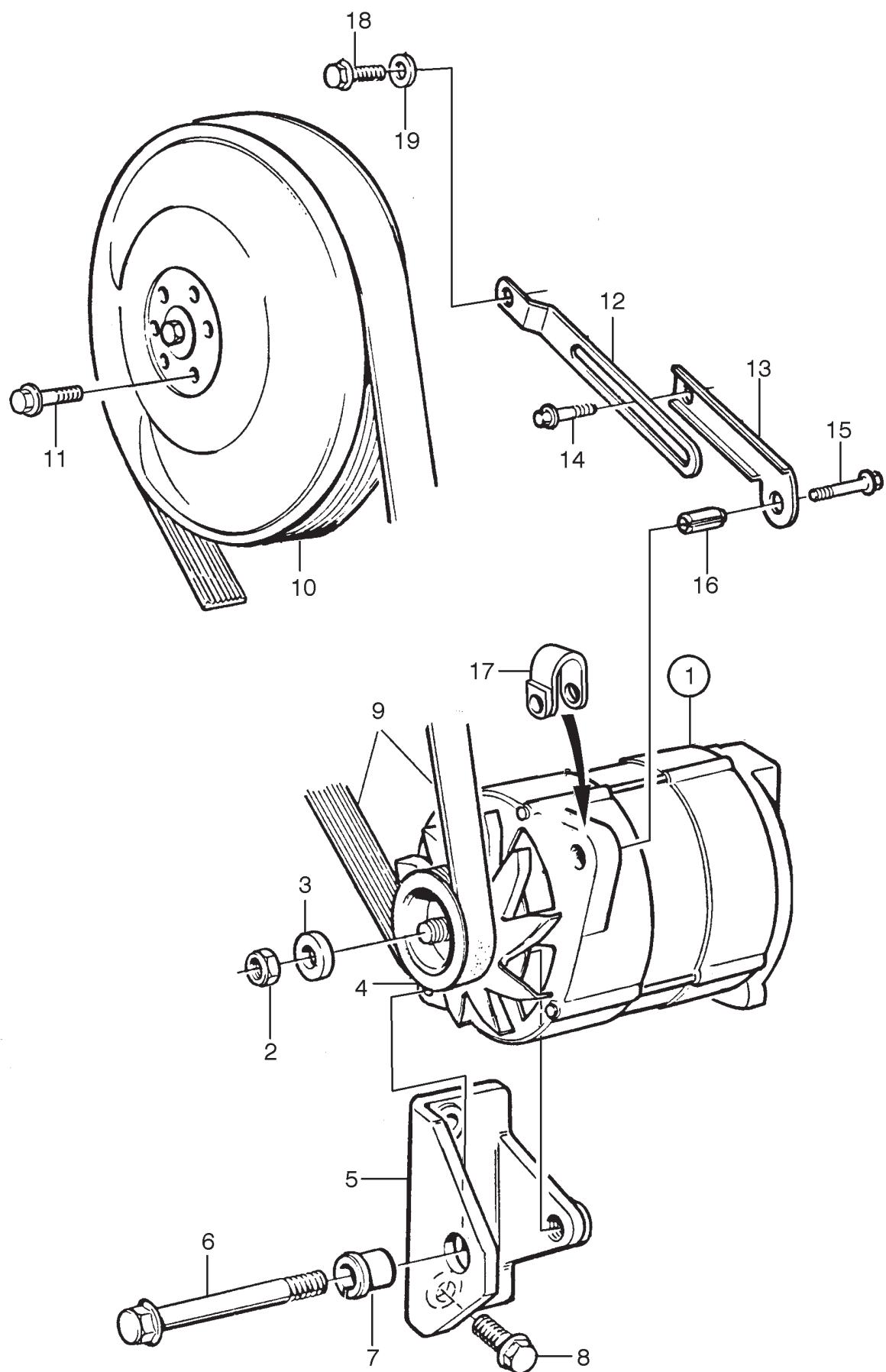
15672

Alternator SN216016585-216019299**Generator
SN216016585-216019299**Group
GruppTWD1620G, TWD1630G, TAD1630G, TAD1630GE,
TAD1631G, TAD1631GE**30**

A				B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
1	85465094	1	-	-	Alternator	Generator	SO 1) 2) 28V 60A, E.U=3803181 1) 28V 60A, E.U=3803270 1) 28V 80A, E.U=3803394
	85465375	1	-	-	• Comps. see page 213	• Detaljer se sida 213	
	85075935	1	-	-	Alternator	Generator	
					• Comps. see page 213	• Detaljer se sida 213	
					Alternator	Generator	
					• Comps. see page 211	• Detaljer se sida 211	
2		1	-	-	• Nut	• Mutter	
3	85078251	1	-	-	Spacer washer	Distansbricka	
4	85078079	1	-	-	Pulley	Remskiva	
5	85070415	1	-	-	Bracket	Konsol	
6	85469930	1	-	-	Screw	Skruv	
7	85078277	1	-	-	Spacer sleeve	Distanshylsa	
8	85469609	2	-	-	Screw	Skruv	
9	85450682	1	-	-	Drive belt	Drivrem	
10	85079754	1	-	-	Pulley	Remskiva	
11	85466829	6	-	-	Flange screw	Flänsskruv	
12	85469500	1	-	-	Screw	Skruv	
13	85458883	1	-	-	Spacer sleeve	Distanshylsa	
14	85466894	1	-	-	Washer	Bricka	
15	85463164	1	-	-	Tensioner	Spännjärn	
16	85073179	1	-	-	Screw	Skruv	
17	85451896	1	-	-	Washer	Bricka	
18	85459030	1	-	-	Screw	Skruv	
19	85073179	1	-	-	Screw	Skruv	
20	85466894	1	-	-	Washer	Bricka	
21	85466852	1	-	-	Nut	Mutter	

1) For 24V electric system.
2) Replaced by 873757.

För 24 volts elsystem.
Ersatt av 873757.

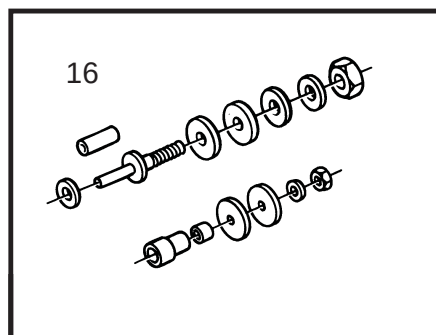
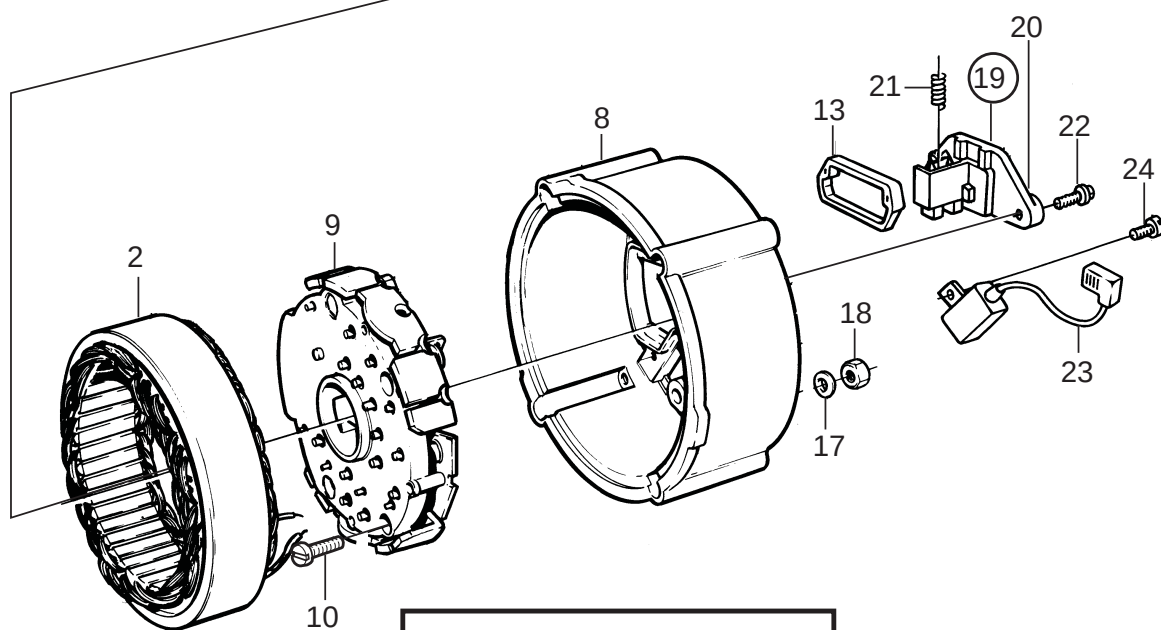
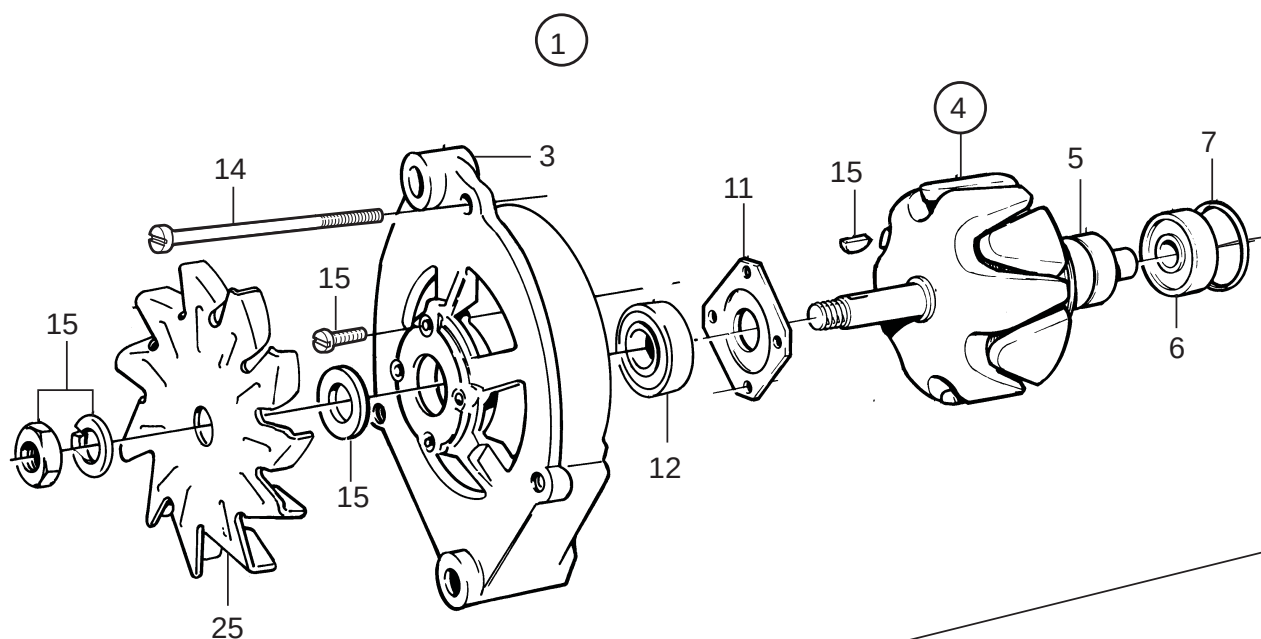


Alternator SN216019300-**Generator SN216019300-**Group
GruppTWD1630G, TAD1630G, TAD1630GE, TAD1631G,
TAD1631GE**30**

A				B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
1	85465094	1	-	-	Alternator	Generator	SO
	85465375	1	-	-	• Comps. see page 213	• Detaljer se sida 213	
	85075935	1	-	-	Alternator	Generator	
					• Comps. see page 213	• Detaljer se sida 213	
					Alternator	Generator	
					• Comps. see page 211	• Detaljer se sida 211	
2		1	-	-	• Nut	• Mutter	
3	85078251	1	-	-	Spacer washer	Distansbricka	
4	85078079	1	-	-	Pulley	Remskiva	
5	85070415	1	-	-	Bracket	Konsol	
6	85469930	1	-	-	Screw	Skruv	
7	85078277	1	-	-	Spacer sleeve	Distanshylsa	
8	85469609	2	-	-	Screw	Skruv	
9	85450682	1	-	-	Drive belt	Drivrem	
10	85079754	1	-	-	Pulley	Remskiva	
11	85466829	6	-	-	Flange screw	Flänsskruv	
12	85461671	1	-	-	Tensioner	Spännjärn	
13	85460426	1	-	-	Tensioner	Spännjärn	
14	85466936	1	-	-	Flange screw	Flänsskruv	
15	85073179	1	-	-	Screw	Skruv	
16	85078004	1	-	-	Pin	Pinne	
17	85456135	1	-	-	Tensioning loop	Spännögla	
18	85073179	1	-	-	Screw	Skruv	
19	85451896	1	-	-	Washer	Bricka	

1) For 24V electric system.

2) Replaced by 85465375.

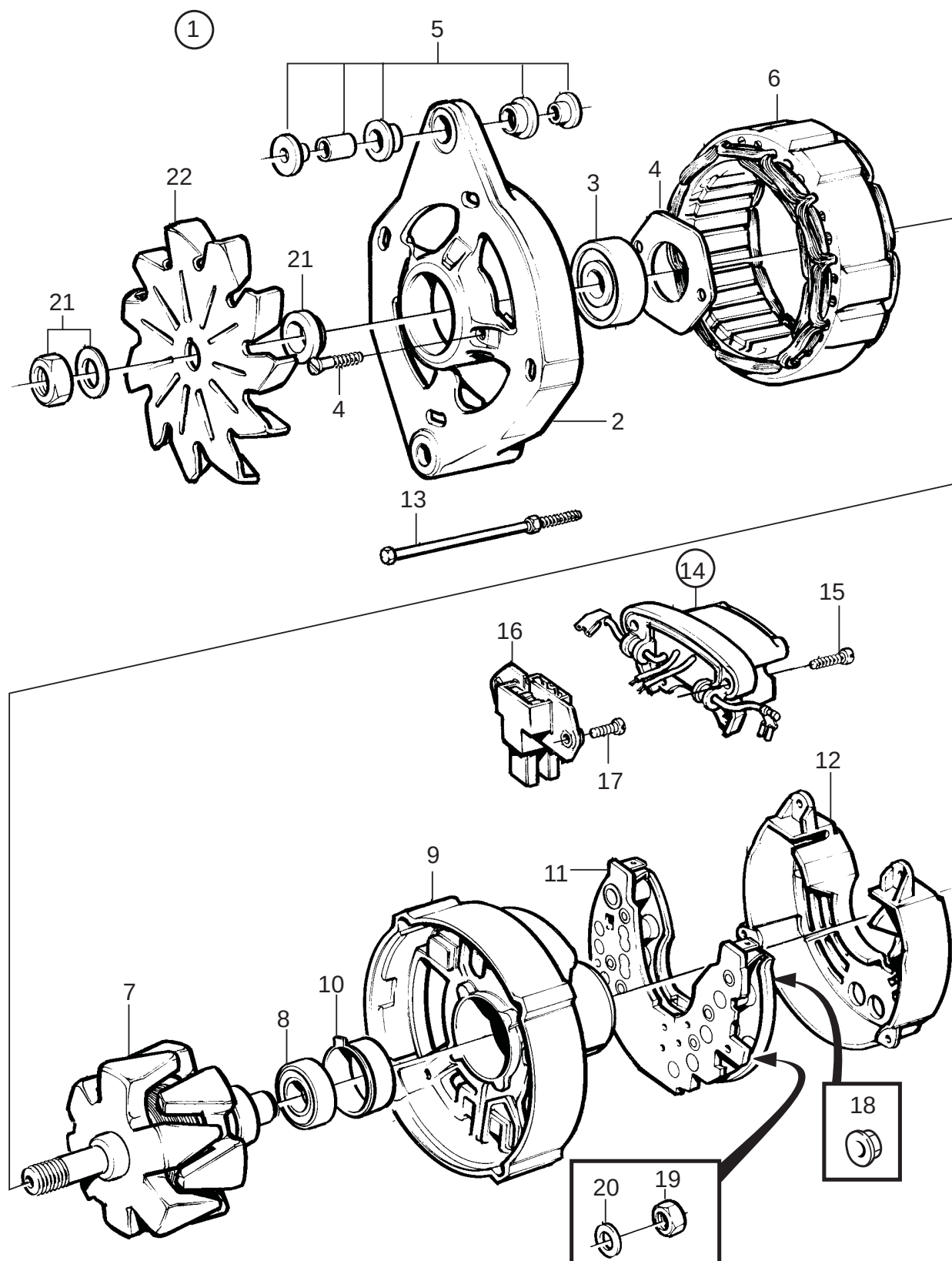


Alternator 28V 80A, Components**Generator 28V 80A, detaljer**Group
Grupp**30**

A 85075927				B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
1	85075927	1	-	-	Alternator	Generator	1) 28V 80A, E.U=3803394
2		1	-	-	• Stator	• Stator	
3		1	-	-	• Bearing shield	• Lagersköld	
4		1	-	-	• Rotor	• Rotor	
5	85459568	1	-	-	• Slip ring	• Släpring	SO
6	85453512	1	-	-	• Ball bearing	• Kullager	
7		1	-	-	• Seal	• Tätning	
8		1	-	-	• Housing	• Hus	
9		1	-	-	• Rectifier	• Likriktare	OP
10		2	-	-	• Screw	• Skruv	
11	85078905	1	-	-	• Bearing carrier	• Lagerhållare	
12	85079051	1	-	-	• Ball bearing	• Kullager	
13		1	-	-	• Gasket	• Packning	REPL BY 85078939
14		4	-	-	• Screw	• Skruv	
15	85454643	1	-	-	• Small parts kit	• Smådelsats	
16	85453678	1	-	-	• Repair kit	• Reparationssats	
17	85078665	1	-	-	• Spring washer	• Fjäderbricka	OP
18	85466183	1	-	-	• Nut	• Mutter	
19	85078061	1	-	-	• Charge regulator	• Laddningsregulator	
20	85078939	1	-	-	• Carbon brush set	• Elborstsats	
21	85076032	2	-	-	• Spring	• Fjäder	REPL BY 85078939
22		2	-	-	• Screw	• Skruv	
23	85453512	1	-	-	• Capacitor	• Kondensator	
24	85078657	1	-	-	• Screw	• Skruv	
25	85078012	1	-	-	Fan	Fläkt	

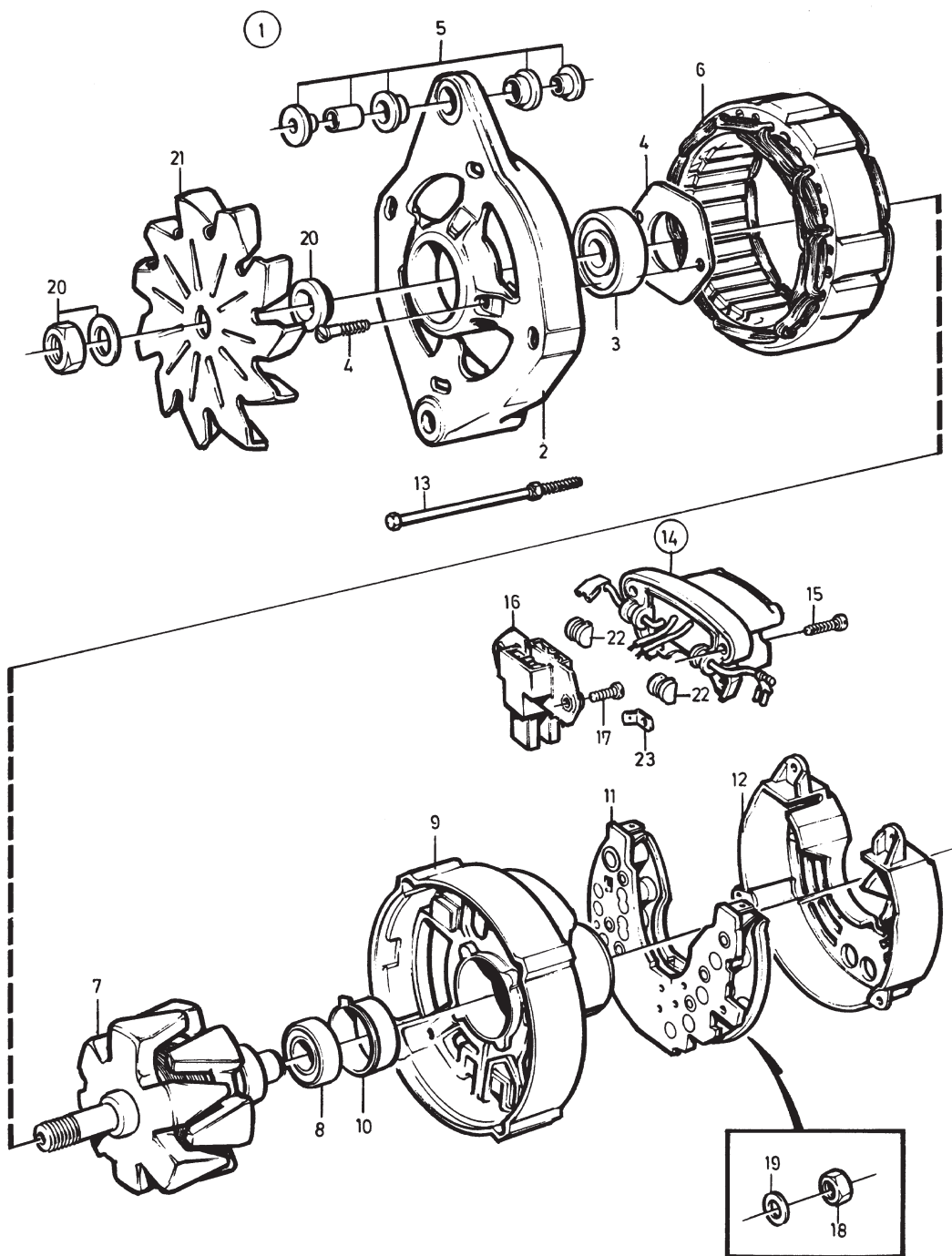
1) For 24V electric system.

För 24 volts elsystem.



Alternator 28V 60A, Components**Generator 28V 60A, detaljer**Group
Grupp**30**

A 85401404					B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
		A	B	C				
1	85401404	1	-	-	Alternator	Generator	28V 60A, E.U=3803181 28V 60A, E.U=3803270	
2		-	1	-	Alternator	Generator		
3	85460335	1	1	-	• Housing	• Hus		
4	85460343	1	1	-	• Ball bearing	• Kullager		
5	85459097	1	1	-	• Mounting kit	• Monteringssats		
6	85463651	1	1	-	• Absorber kit	• Dämparsats		
7		1	1	-	• Stator	• Stator		
8	85463669	1	1	-	• Rotor	• Rotor		
9		1	1	-	• Ball bearing	• Kullager		
10	85459063	1	1	-	• Housing	• Hus		
11		1	-	-	• Bearing carrier	• Lagerhållare		
		-	1	-	• Diode bridge	• Diodbrygga		
	85078954	1	1	-	• Diode bridge	• Diodbrygga		
12	85460368	1	1	-	• Diode bridge	• Diodbrygga		
13	85460350	1	1	-	• Protecting casing	• Skyddskåpa		
14	85465136	1	1	-	• Screw kit	• Skruvsats		
15	85461929	4	4	-	• Regulator kit, with brush	• Regulatorsats, med		
16	85459089	1	1	-	holder	borsthållare		
17	85461929	2	2	-	• Flange screw	• Flänsskruv		
18	85469740	2	2	-	• Brush retainer	• Borsthållare		
	85466845	1	1	-	• Flange screw	• Flänsskruv		
19	85468478	1	1	-	• Nut	• Mutter		
20	85466357	1	1	-	• Flange nut	• Flänsmutter		
21	85460319	1	1	-	• Nut	• Mutter		
22	85460327	1	1	-	• Spring washer	• Fjädrande bricka		
					• Mounting kit	• Monteringssats	M5, D+, B-	
					• Fan	• Fläkt	M6, B+	
							M4, W	
							FOR M4, W	

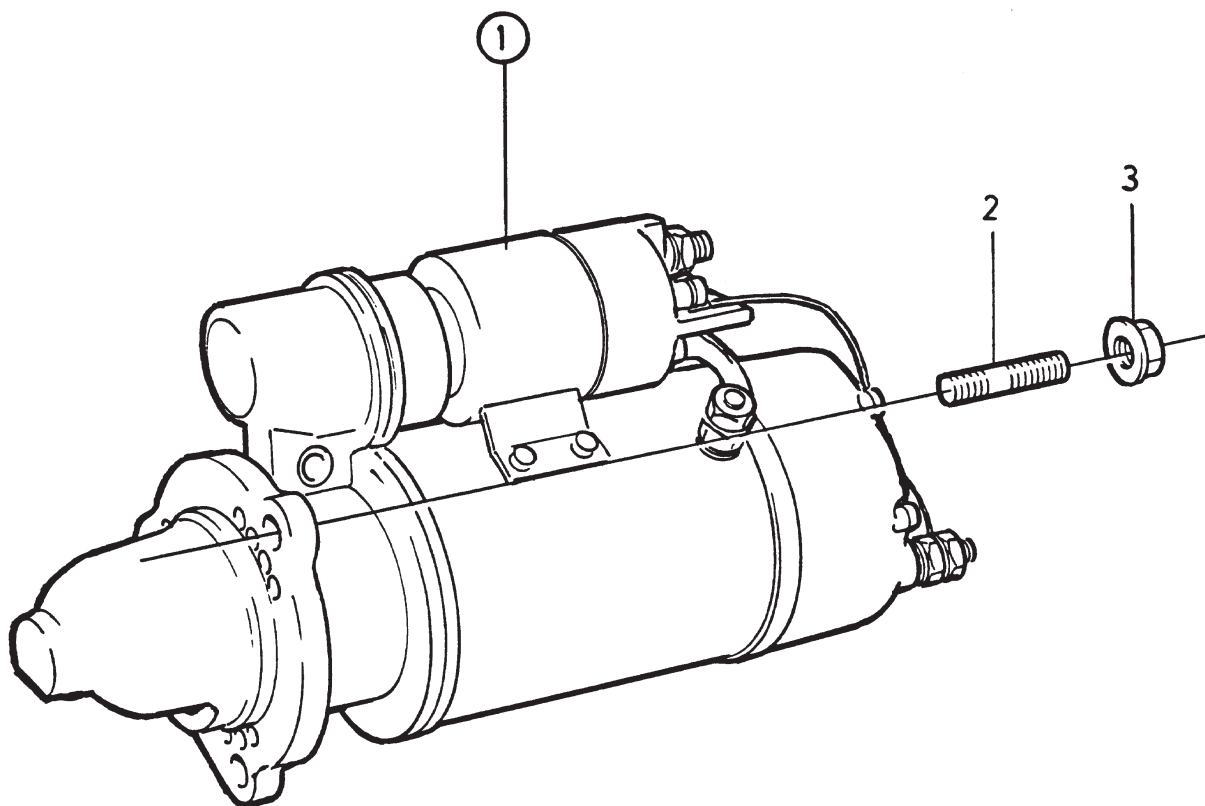


11691

Alternator 28V 60A, Components**Generator 28V 60A, detaljer**Group
Grupp**30**

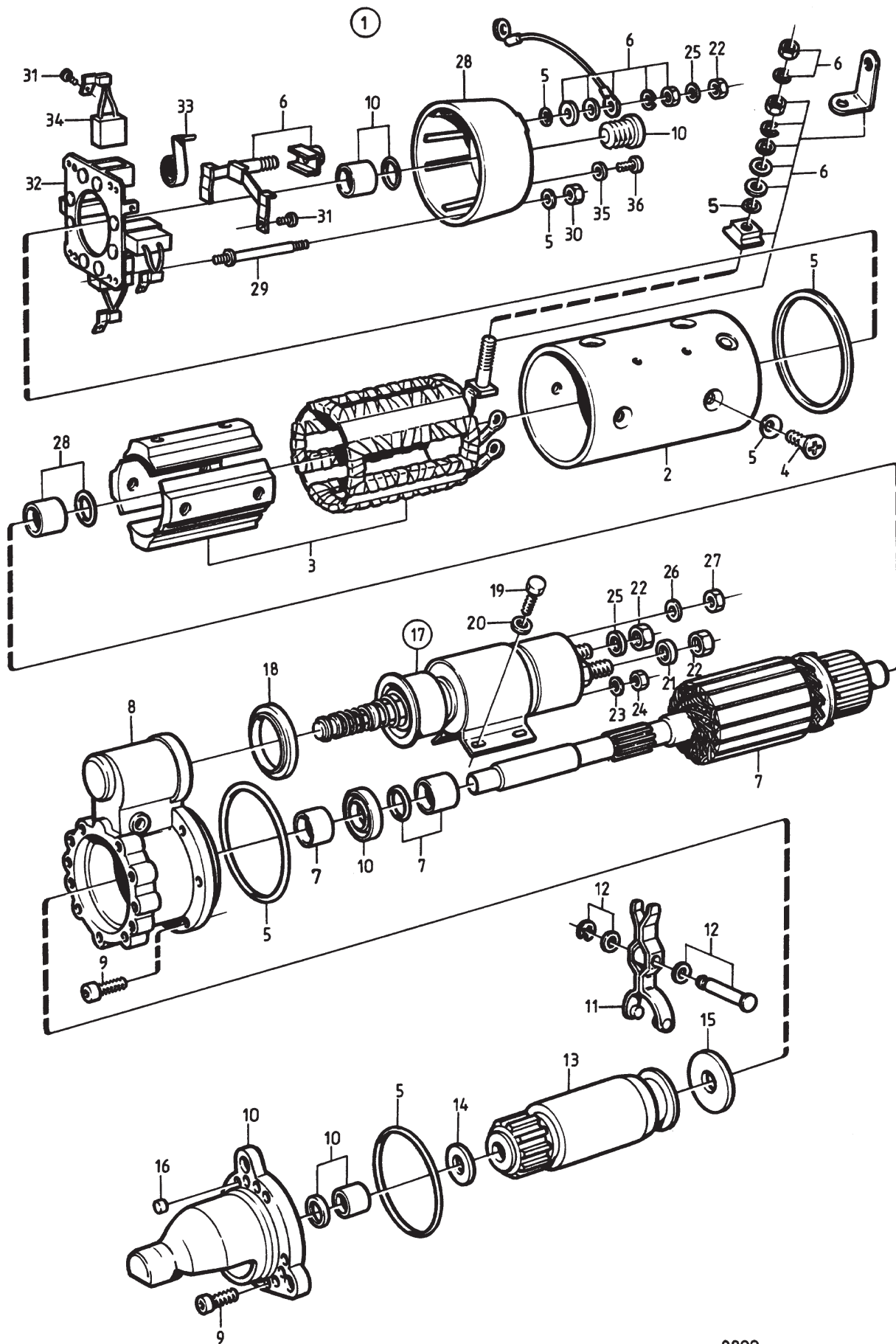
A 85465102				B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning
		A	B	C			
1	85465102	1	-	-	Alternator	Generator	28V 60A
2		1	-	-	• Housing	• Hus	
3	85460335	1	-	-	• Ball bearing	• Kullager	
4	85460343	1	-	-	• Mounting kit	• Monteringssats	
5	85459097	1	-	-	• Absorber kit	• Dämparsats	
6	85463651	1	-	-	• Stator	• Stator	
7		1	-	-	• Rotor	• Rotor	
8	85460335	1	-	-	• Ball bearing	• Kullager	
9		1	-	-	• Housing	• Hus	
10	85459063	1	-	-	• Bearing carrier	• Lagerhållare	
11	85078954	1	-	-	• Diode bridge	• Diodbrygga	1)
12	85460368	1	-	-	• Protecting casing	• Skyddskåpa	
13	85460350	1	-	-	• Screw kit	• Skruvsats	
14	85465136	1	-	-	• Regulator kit	• Regulatorsats	
15	85461929	4	-	-	• Flange screw	• Flänsskruv	
16	85459089	1	-	-	• Brush retainer	• Borsthållare	
17	85461929	2	-	-	• Flange screw	• Flänsskruv	
18	85468478	1	-	-	• Nut	• Mutter	M4, W
	85469740	1	-	-	• Nut	• Mutter	M5, D+, B-
	85468494	1	-	-	• Nut	• Mutter	M6, B+
19	85466357	1	-	-	• Spring washer	• Fjädrande bricka	FOR M4
	85466365	1	-	-	• Spring washer	• Fjädrande bricka	FOR M5
	85466001	2	-	-	• Washer	• Bricka	FOR M5
	85469062	2	-	-	• Washer	• Bricka	FOR M6
20	85460319	1	-	-	• Mounting kit	• Monteringssats	
21	85460327	1	-	-	• Fan	• Fläkt	
22	85465144	2	-	-	• Rubber seal	• Gummitätning	
23	85461895	1	-	-	• Cable terminal	• Kabelsko	

1) This diode bridge with zener-diodes replaces all the earlier diode bridges.



15727

Starter Motor					Startmotor					Group Grupp	
TWD1620G, TWD1630G, TAD1630G, TAD1630GE, TAD1631G, TAD1631GE										30	
A					B					C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning				Notes/Anmärkning	
		A	B	C							
1	85401479	1	-	-	Starter motor	Startmotor				24V, E.U=3803164	
2	85467884	3	-	-	• Comps. see page 219	• Detaljer se sida 219					
3	85075554	3	-	-	Stud	Pinnskruv					
					Nut	Mutter					

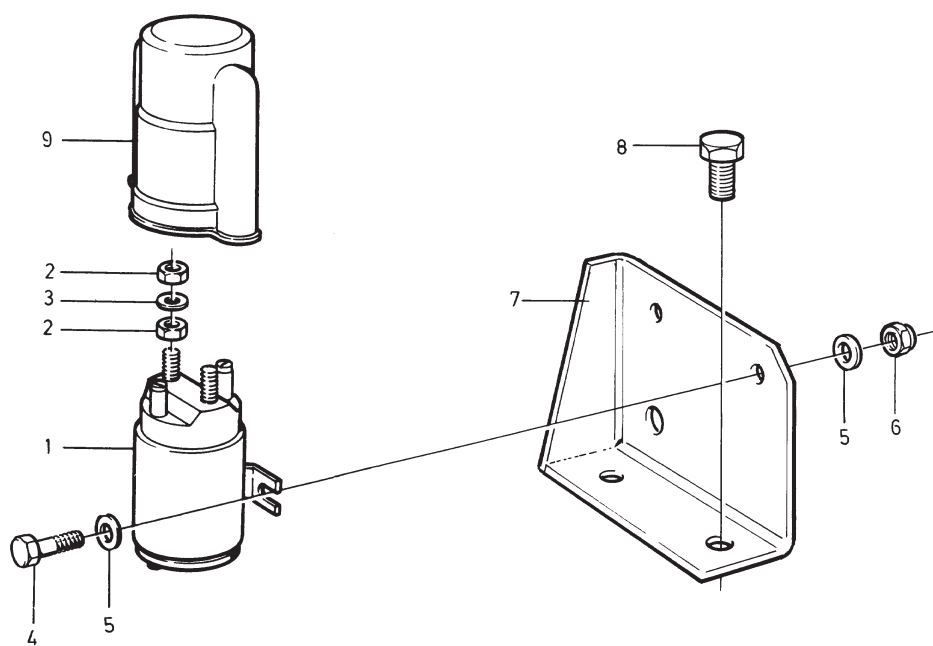
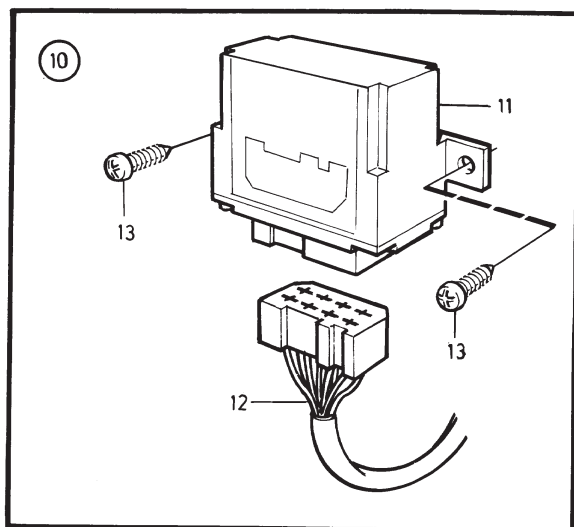


Starter Motor, Components

Startmotor, detaljer

Group
Grupp**30**

A					B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
		A	B	C				
1	872364-5	1	-	-	Starter motor	Startmotor	24V, E.U=3803164	
2		1	-	-	• Housing	• Hus		
3		1	-	-	• Field winding	• Fältlindning		
4	848091-5	8	-	-	• Screw	• Skruv		
5	1697800-9	1	-	-	• Gasket kit	• Packningsats		
6	1697801-7	1	-	-	• Cable kit	• Kabelsats		
7	1697803-3	1	-	-	• Rotor	• Rotor		
8		1	-	-	• Drive bearing	• Drivlager		
9		12	-	-	• Screw	• Skruv		
10	1698119-3	1	-	-	• Socket set	• Hylssats		
11		1	-	-	• Lever	• Hävarm		
12	1697806-6	1	-	-	• Shaft set	• Axelsats		
13	1697786-0	1	-	-	• Starter pinion	• Startdrev		
14		1	-	-	• Washer	• Bricka		
15		1	-	-	• Washer	• Bricka		
16		6	-	-	• Sealing plug	• Tätningsplugg		
17	863507-0	1	-	-	• Actuator solenoid	• Manövermagnet		
18	1697791-0	1	-	-	• Sealing ring	• Tätningsring		
19	955270-4	4	-	-	• Screw	• Skruv		
20	955892-5	4	-	-	• Washer	• Bricka		
21		1	-	-	• Spring washer	• Fjädrande bricka		
22	973203-3	3	-	-	• Nut	• Mutter		
23	949607-6	1	-	-	• Spring washer	• Fjäderbricka		
24	940197-7	1	-	-	• Nut	• Mutter		
25		2	-	-	• Spring washer	• Fjädrande bricka		
26		1	-	-	• Spring washer	• Fjädrande bricka		
27		1	-	-	• Nut	• Mutter		
28	1698136-7	1	-	-	• Socket set	• Hylssats		
29		1	-	-	• Bolt	• Bult		
30		4	-	-	• Nut	• Mutter		
31		4	-	-	• Screw	• Skruv		
32	1697804-1	1	-	-	• Retainer	• Hållare		
33	1697805-8	4	-	-	• Spring	• Fjäder		
34	1697795-1	1	-	-	• Carbon brush set	• Kolborstsats		
35	18836-7	1	-	-	• Gasket	• Packning		
36	960628-6	1	-	-	• Plug	• Propp		
							(180707)	



Relay for Starter Element**Relä för startelement**Group
GruppTWD1620G, TWD1630G, TAD1630G, TAD1630GE,
TAD1631G, TAD1631GE**30**

A					B		C	
Ref pos	Part No Artikel nr	Quantity/Antal			Description	Benämning	Notes/Anmärkning	
		A	B	C				
1	873962-5	2	-	-	Relay	Relä	24V 150A	
2	17624-8	8	-	-	Nut	Mutter		
3	955894-1	4	-	-	Washer	Bricka		
4	955246-4	2	-	-	Screw	Skruv		
5	940090-4	4	-	-	Washer	Bricka		
6	946577-4	2	-	-	Lock nut	Låsmutter		
7	862222-7	1	-	-	Bracket	Konsol		
8	946173-2	2	-	-	Flange screw	Flänsskruv		
9	1581123-5	2	-	-	Cover	Kåpa		
10	872613-5	1	-	-	Timer relay kit, starter	Tidreläsats, startelement		
11	863481-8	1	-	-	• Timer relay	• Tidrelä	SEE GROUP 30 SEE GROUP 30	
12		X	-	-	• , Cables and terminals	• , Kablar och kabelskor		
		X	-	-	• , Electrical materials	• , Elmateriel		
13		2	-	-	Screw	Skruv		