

17 Maintenance parts

17	Description
1	Oil filters
2	Fuel filters
3	Impellers
4	Thermostats
5	Drive belts
6	Air filters
7	Crankcase filters
8	Coolant filters
9	Spark plugs
10	Contact breaker points
11	Condensers
12	Rotor arm
13	Distributor caps
14	Rubber gaiters
15	Coolant hoses
16	Exhaust gaiters
17	Zinc anodes
21	Overhaul kits
22	Drive maintenance kits
23	Tune-up kits for ignition system

Reference to engines see pages 108-115.

18 Chemical products

18	Part no	Description
1	1141626-0	Diesel engine oil, 1 l
2	1141627-8	Diesel engine oil, 5 l
3	1141628-6	Diesel engine oil, 20 l
4	1141629-4	Diesel engine oil, 208 l
5	1141630-2	Petrol engine oil, 1 l
6	1141631-0	Petrol engine oil, 5 l
7	1141632-8	Petrol engine oil, 20 l
8	1141633-6	Petrol engine oil, 208 l
9	1141634-4	Synthetic transmission oil, 1 l
10	1141636-9	Synthetic transmission oil, 20 l
11	1141637-7	Transmission oil, 1 l
12	1141639-3	Transmission oil, 20 l
13	1141640-1	Hydraulic fluid, 1 l
14	1141641-9	Compressor oil, 0.25 l
15	1141642-7	Inhibiting oil, 1 l
16	1161398-1	Universal oil, 0.2 l
17	828250-1	Grease, 27 g
18	1141644-3	Propeller shaft grease, 500 g
19	840879-1	Liquid sealing agent – master gasket, 25 ml
20	1161099-5	Sealant – gasket cement, 125 ml
21	1161231-4	Silicon adhesive – black, 310 ml
22	1161277-7	Silicon adhesive – black, 20 g
23	1141570-0	White sealing compound for drives, 60 g
24	591247-2	Sealant, 1 kg
25	1141645-0	Coolant, type 90, 1 l
26	1141646-8	Coolant, type 90, 5 l
27	1141647-6	Coolant, type 90, 210 l
28	1141526-2	Anti-corrosion agent, 0.5 l
29	1141566-8	Touch-up paint, engine, Green, gloss 0.4 l
30	837124-7	Touch-up paint, engine, Green, gloss 1 l
31	827501-8	Touch-up paint, engine, Red 0.4 l
32	1141564-3	Touch-up paint, engine, Red 1 l
33	1141562-7	Primer, drive, Blue-Grey 0.4 l
34	1141561-9	Primer, drive, Blue-Grey 0.45 l
35	1141567-6	Touch-up paint, Blue-Grey 0.4 l
36	1141575-9	Touch-up paint, Grey 0.4 l
37	1141578-3	Touch-up paint, drive, Grey 0.5 l
38	1141560-1	Touch-up paint, drive, White 0.4 l
39	1141568-4	Touch-up paint, drive, Black, matt 0.4 l
40	827502-6	Touch-up paint, drive, Clear varnish 0.4 l
41	1141593-2	Anti-fouling, primer, Grey 0.3 l
44	1141609-6	Touch-up paint, engine, Green, matt 1 l
45	3851221-6	Touch-up paint, engine, Dark grey 0.4 l
46	3851219-0	Touch-up paint, drive, Silver, SX, DP-S 0.4 l
47	3851220-8	Touch-up paint, drive, Grey + clear varnish, DPX 0.8 l
48	1161053-2	Locking fluid, 10 ml
49	1141654-2	Anti-fouling, Silver, SX, DP-S, 0.5 l
50	1141655-9	Anti-fouling, Silver, SX, DP-S, 0.5 l (for Scandinavia only)
51	1161941-8	ATF-oil, 5 l
52	1141656-7	Touch-up paint, engine, White, 1 l
53	1141658-3	Environmentally friendly coolant system cleaner, 500 g + 200 g
91	1141635-1	Synthetic transmission oil, 5 l
111	1141638-5	Transmission oil, 5 l
112	1161417-9	Low temperature grease, 30 g

22 Lubrication system, diesel engines

22	Part no	Description	MD2010	MD2020	MD2030	MD2040	MD22L	MD22P	TMD22	TAMD22	TAMD31	TAMD41	KAMD43	KAMD44	AD31	KAD32/DP-E/DP-S	AD41	KAD43/DP-E/DPX	KAD44/DP-E/DPX
1	843114-0	Electric oil drain pump, 12 V	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	843410-2	Electric oil drain pump, 24 V									X	X							
7	859377-4	Oil dip stick										X	X				X	X	

22 Lubrication system, petrol engines

22	Part no	Description	3.0GS/SX	4.3GL/SX/DP-S	4.3Gi/SX/DP-S	5.0GL/SX/DP-S	5.0Gi/SX/DP-S	5.7GS/SX/DP-S	5.7Gi/SX/DP-S	7.4Gi/SX/DP-S	7.4GS/DP-S	8.2GS/DP-S	DPX385	DPX415	DPX500	DPX600
1	843114-0	Electric oil drain pump, 12 V	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	3860451-8	Separately mounted oil filter		X	X											
4	3850882-6	Separately mounted oil filter														2)
5	3860449-2	Separately mounted oil filter				X	X	X	X							
		Separately mounted oil filter								1)	1)	1)	1)	1)	1)	1)

1) Standard equipment

2) 5.0 FL/Fi, 5.8 FL/Fi

23 Fuel system, diesel engines

23	Part no	Description	MD2010	MD2020	MD2030	MD2040	MD22L	MD22P	TMD22	TAMD22	TAMD31	TAMD41	KAMD43	KAMD44	AD31	KAD32/DP-E/DP-S	AD41	KAD43/DP-E/DPX	KAD44/DP-E/DPX
1	827912-7	Fuel line kit	X	X	X	X	X	X	X										
2	828227-9	Copper pipe, 5/16"	X	X	X	X	X	X	X										
3	1140062-9	Copper pipe, 3/8"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	861057-8	Fuel hose, 3/8"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	861060-2	Fuel hose kit					X	X	X	X	X	X	X	X	X	X	X	X	X
11	1140063-7	Separate connection plate for fuel tank	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	828341-8	Suction pipes for connection plate	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	828372-3	Suction pipes for connection plate	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	828373-1	Suction pipes for connection plate	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	861143-6	Fuel filter/Water separator	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	861014-9	Filter element, 10 micron, for 23.19 and 23.43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	3825020-5	Fuel filter/Water separator																	1)
24	3825018-9	Fuel filter/Water separator																	1)
25	3825022-1	Double fuel filter/Water separator																	1)
26	3825027-0	Filter element, 10 micron, for 23.22, 24, 25																	1)
27	1140639-4	Fuel filter/Water separator	X	X	X	X	X	X	X										
28	3581078-7	Filter element, 10 micron, for 23.27 and 23.102	X	X	X	X	X	X	X										
43	3582350-9	Fuel filter/Water separator	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
51	3827304-1	Fuel filter/Water separator																	1)
53	3827306-6	Double fuel filter/Water separator																	1)
54	3581760-0	Filter element, 30 micron, for 23.19 and 23.43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
55	3827277-9	Filter element, 10 micron, for 23.51, 23.53																	1)
56	3827508-7	Filter element, 30 micron, for 23.22, 24, 25																	1)
57	3827278-7	Filter element, 30 micron, for 23.51, 23.53																	1)
101		Fuel line fittings	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
102	3582493-7	Fuel filter/Water separator for small diesel engines	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

1) TAMD63-163

23 Fuel system, petrol engines

23	Part no.	Description	3.0GS/SX	4.3GL/SX/DP-S	4.3Gi/SX/DP-S	5.0GL/SX/DP-S	5.0Gi/SX/DP-S	5.7GS/SX/DP-S	5.7GSi/SX/DP-S	7.4Gi/SX/DP-S	7.4GSi/DP-S	8.2GSi/DP-S	DPX385	DPX415	DPX500	DPX600
3	1140062-9	Copper pipe, 3/8"	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	1141555-1	Fuel hose	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	857632-4	Extra fuel filter/water separator	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30	857633-2	Filter element 10 micron for 23.29	X	X	X	X	X	X	X	X	X	X	X	X	X	X
101		Fuel line fittings	X	X	X	X	X	X	X	X	X	X	X	X	X	X

25 Exhaust system, diesel engines

25	Part no	Description	MD2010	MD2020	MD2030	MD2040	MD22L	MD22P	TMD22	TAMD22	TAMD31	TAMD41	KAMD43	KAMD44	AD31	KAD32/DP-E/DP-S	AD41	KAD43/DP-E/DPX	KAD44/DP-E/DPX
1	828463-0	Rubber exhaust hoses	X	X	X	X													
2	828465-5	Rubber exhaust hoses					X	X											
3	828729-4	Rubber exhaust hoses							X	X	X	X							
4	854763-0	Rubber exhaust hoses											X	X					
5	828489-5	Rubber exhaust hoses																	1)
6	828256-8	Wet exhaust system elbow coupling	X	X	X	X													
7	828255-0	Wet exhaust system elbow coupling					X	X											
8	843287-4	Wet exhaust system elbow coupling							X	X	X	X							
9	872017-9	Wet exhaust system elbow coupling											X	X					
10	872024-5	Wet exhaust system elbow coupling											X	X					
11	828064-6	Water-cooled silencer	X	X	X	X													
12	828837-5	Water-cooled silencer	X	X	X	X													
13	838327-5	Water-cooled silencer					X	X											
14	842768-4	Water-cooled silencer							X	X	X	X							
15	854760-6	Water-cooled silencer											X	X					
17	833738-8	Through-hull exhaust fitting	X	X	X	X													
18	831781-0	Through-hull exhaust fitting					X	X											
19	828295-6	Through-hull exhaust fitting							X	X	X	X							
20	854754-9	Through-hull exhaust fitting											X	X					
22	828762-5	Exhaust temperature alarm	X	X	X	X													
23	872313-2	Exhaust temperature alarm					X	X	X	X	X	X	X	X					
25	3581031-6	Exhaust riser			X	X													
29	3850889-1	Exhaust block-off kit for shield						X	X	X						X			2)
30	3851397-4	Exhaust block-off kit for shield													X	X	X	X	3)
31	860000-9	Exhaust elbow, dry exhaust systems									X	X	X	X					
32	843313-8	Silencer, dry exhaust systems									X	X	X	X					
33	861253-3	Exhaust riser, 4"											X	X					
34	861252-2	Exhaust riser, 3,5"									X	X							

1) 63-73

2) For SX- and DP-S-drive installations

3) Not for KAD 32/DP-S

25 Exhaust system, petrol engines

25	Part no	Description	3.0GS/SX	4.3GL/SX/DP-S	4.3Gi/SX/DP-S	5.0GL/SX/DP-S	5.0Gi/SX/DP-S	5.7GS/SX/DP-S	5.7Gi/SX/DP-S	7.4Gi/SX/DP-S	7.4GSi/DP-S	8.2GSi/DP-S	DPX385	DPX415	DPX500	DPX600	
24	3850498-1	Exhaust riser, 3"															1,3
26	3858758-0	Exhaust cover kits for limiting exhaust noise for shield	X	X	X												
27	3856171-8	Exhaust cover kits for limiting exhaust noise for drive	X	X	X												2)
29	3850889-1	Exhaust block-off kit for shield	X	X	X	X	X	X	X	X	X	X					
30	3851397-4	Exhaust block-off kit for drive											X	X	X	X	
70	3856484-5	Exhaust riser			X		X		X	X	X	X	X	X			

1) Distance piece only, for standard riser

2) Only for SX-drives and in combination with kit 3856113-0 (pos. 25.26)

3) For 5.0FL, Fi and 5.8FL, Fi

26 Cooling system, diesel engines

26	Part no	Description	MD2010	MD2020	MD2030	MD2040	MD22L	MD22P	TMD22	TAMD22	TAMD31	TAMD41	KAMD43	KAMD44	AD31	KAD32/DP-E/DP-S	AD41	KAD43/DP-E/DPX	KAD44/DP-E/DPX
1	861495-0	Cooling water intake	X	X	X														
2	861496-8	Cooling water intake				X													
3	1140129-6	Cooling water intake					X	X	X	X	X	X	X	X					
4	861462-0	Sea water filter	X	X	X	X													
5	858843-6	Sea water filter					X	X	X	X	X	X	X	X					
6	1140034-8	Sea water filter, heavy duty					X	X	X	X	X	X	X	X					
7	862199-7	Sea water filter, heavy duty																	1)
8	861497-6	Vacuum valve	X	X	X	X													
9	3581214-8	Vacuum valve					X	X	X	X									
10	3581591-9	Anti-siphoning valve with sea water filter									X	X	X	X					
11	952968-6	Rubber hoses	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	952969-4	Rubber hoses	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	952970-2	Rubber hoses	X	X	X	X													
14	952972-8	Rubber hoses					X	X	X	X	X	X	X	X					
15	828461-4	Rubber hoses					X	X	X	X	X	X	X	X					
16	3581427-6	Expansion tank	X	X	X	X	X	X	X	X									
18	3581297-3	Expansion tank									X	X	X	X	X	X	X	X	X
25	859388-1	Freshwater cooling																	2)
26	829959-6	Freshwater cooling																	3)
27	840602-7	Freshwater cooling																	4)
28	840603-5	Freshwater cooling																	5)
29	861523-9	Hot water outlet			X	X													
30	859961-5	Hot water outlet																	6)
36	860706-1	Hot water outlet											X	X				X	X
37	858523-4	Hot water outlet																	7)
38	855844-7	Thermostat	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
71	3581195-9	Conversion kit for larger expansion tank									X				X				8)
72	3581196-7	Conversion kit for larger expansion tank										X					X		9)
73	3581197-5	Conversion kit for larger expansion tank																	10)
74	3581632-1	Hot water outlet					X	X	X	X									
76	3581633-9	Hot water outlet														X			
77	3582398-8	Hot water outlet	X	X															12)

1) 63-74-engines

2) 2002, 2003

3) MD11C

4) MD11D

5) MD17C, MD17D

6) MD22LA, MD22A, TMD22A

7) 2002, 2003, 2003T

8) The larger expansion tank is fitted as standard to engine no. 2203124985 onwards

9) The larger expansion tank is fitted as standard to engine no. 2204152514 onwards

10) For KAD/KAMD42 engines with engine no. up to 2204213232

11) Also for KAD/KAMD42 engines.

12) For 2010A, B and 2020A, B use 861523-9

26 Cooling system, petrol engines

26	Part no	Description	3.0GS/SX	4.3GL/SX/DP-S	4.3Gi/SX/DP-S	5.0GL/SX/DP-S	5.0Gi/SX/DP-S	5.7GS/SX/DP-S	5.7Gi/SX/DP-S	7.4Gi/SX/DP-S	7.4GS/DP-S	8.2GS/DP-S	DPX385	DPX415	DPX500	DPX600
11	952968-6	Rubber hoses	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	952969-4	Rubber hoses	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	855641-7	Freshwater cooling														1)
20	856480-9	Freshwater cooling														2)
21	857437-8	Freshwater cooling														3)
22	856763-8	Freshwater cooling														3)
24	3851540-9	Freshwater cooling														4)
31	3856266-6	Hot water outlet								X	X	X	X	X		
32	3855944-9	Hot water outlet	X													
33	3856265-8	Hot water outlet		X	X	X	X	X	X							
34	855876-9	Hot water outlet														1)
38	855844-7	Thermostat	X	X	X	X	X	X	X	X	X	X	X	X	X	X
39	3851789-2	Freshwater cooling														5)
40	3851839-5	Freshwater cooling									X	X	X	X	7)	7)
75	3857597-3	Freshwater cooling								X						
77	3857595-7	Freshwater cooling		X	X											
78	3857596-5	Freshwater cooling				X	X	X	X							
80	3860567-1	Freshwater cooling			X											
81	3860568-9	Freshwater cooling				X		X								
82	3860569-7	Freshwater cooling								X	X	X				

1) For earlier V6/V8 engines

2) For 740/DP

3) For earlier V6 engines

4) For 7.4 GL and 8.2 GL.

5) For 5.0 FL, Fi and 5.8 FL, Fi

6) To choose the correct freshwater cooling, see table in chapter 26

7) Standard equipment

27 Control system, diesel engines

27	Part no	Description	MD2010	MD2020	MD2030	MD2040	MD22L	MD22P	TMD22	TAMD22	TAMD31	TAMD41	KAMD43	KAMD44	AD31	KAD32/DP-E/DP-S	AD41	KAD43/DP-E/DPX	KAD44/DP-E/DPX
1	851602-3	Control lever assembly PC-740, top mounted, single engine installation	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	
2	851603-1	Control lever assembly PC-740, top mounted, twin engine inst.	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	
3	1140022-3	Control lever assembly PC-740 with sailing boat lever	X	X	X	X	X	X	X	X	X	X							
4	853168-3	Control lever assembly PC-840, top mounted, single engine installation	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	
5	1140043-9	Control lever assembly PC-840, top mounted, single engine installation with Power Trim						X	X	X					X	X	X	X	4)
6	853169-1	Control lever assembly PC-840, top mounted, twin engine inst.	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	
7	851600-7	Control mechanism for top mounting	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	
8	855352-1	Neutral safety switch	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	2)
9	1140092-6	Control lever assembly PC-741, side mounted	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	
10	1140093-4	Control lever assembly with sailing boat lever, side mounted	X	X	X	X	X	X	X	X	X	X							
11	1140090-0	Control lever assembly PC-841, side mounted	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	
12	1140091-8	Control lever assembly PC-841, side mounted with Power Trim function						X	X	X					X	X	X	X	4)
14	1140061-1	Control lever (complete) PC-860, side mounted with Power Trim function						X	X	X					X	X	X	X	4)
15	1140095-9	Control mechanism for side mounting	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	
16	1140067-8	Double control lever assemblies PC-870, top mounted								X	X	X	X						
17	1140068-6	Double control lever assemblies PC-871, top mounted								X	X	X	X						
18	825765-1	Stop control, 3,3 m	X	X	X	X													
19	825764-4	Stop control, 6,9 m	X	X	X	X													
20	851441-6	Vertical connection of control cables	X	X	X	X	X	X											1)
21	828164-4	DS unit for gear shifting	X	X	X	X	X	X	X	X	X	X	X						3)
23	3581042-3	DS unit for acceleration					X	X	X	X									
24	1140073-6	Connection kit for 443 control cable								X	X	X	X						5)
25	1140074-4	Flybridge – connection fork for 333								X	X	X	X						5)
26	1140075-1	Flybridge – connection fork for 443								X	X	X	X						5)
27	1140081-9	Connection kit for joining 333 and 443 control cables								X	X	X	X						5)
28	3581041-5	DS unit for acceleration	X	X	X	X													
71	3856901-8	Side-mounted control						X	X	X					X	X	X	X	4)
72	3856781-4	Side-mounted control	X	X	X	X	X	X	X	X	X	X	X						
73	3856902-6	Top-mounted control for single installation						X	X	X					X	X	X	X	4)
74	3856782-2	Top-mounted control for single installation	X	X	X	X	X	X	X	X	X	X	X						
75	3856903-4	Top-mounted control for twin installation						X	X	X					X	X	X	X	4)
76	3856783-0	Top-mounted control for twin installation	X	X	X	X	X	X	X	X	X	X	X						
77	3581749-3	DS unit for acceleration									X	X	X		X	X	X	X	
110	3860487-2	Drive unit/Processor for electronic control	X	X	X	X	X	X	X	X	X	X	X						
111	3860488-0	Control, single, for electronic control	X	X	X	X	X	X	X	X	X	X	X						
112	3860489-8	Control, double, for electronic control	X	X	X	X	X	X	X	X	X	X	X						
113	3860491-4	Control panel, single, for electronic control	X	X	X	X	X	X	X	X	X	X	X						
114	3860492-2	Control panel, double, for electronic control	X	X	X	X	X	X	X	X	X	X	X						
115	3860494-8	Signal cable, 5 m, for electronic control	X	X	X	X	X	X	X	X	X	X	X						
116	3860495-5	Signal cable, 10 m, for electronic control	X	X	X	X	X	X	X	X	X	X	X						
117	3860496-3	Signal cable, 15 m, for electronic control	X	X	X	X	X	X	X	X	X	X	X						
118	3860497-1	Signal cable, 20 m, for electronic control	X	X	X	X	X	X	X	X	X	X	X						
119	3860498-9	Signal cable, 25 m, for electronic control	X	X	X	X	X	X	X	X	X	X	X						
120	3860490-6	Adapter cable, for electronic control	X	X	X	X	X	X	X	X	X	X	X						
121	3860493-0	Installation cable, for electronic control	X	X	X	X	X	X	X	X	X	X	X						6)
122	841177-9	Start block relay, 12 V, for electronic control	X	X	X	X	X	X	X	X	X	X	X						

27	Part no	Description	MD2010	MD2020	MD2030	MD2040	MD22L	MD22P	TMD22	TAMD22	TAMD31	TAMD41	KAMD43	KAMD44	AD31	KAD32/DP-E/DP-S	AD41	KAD43/DP-E/DPX	KAD44/DP-E/DPX
123	8736111-8	Start block relay, 24 V, for electronic control									X	X							
124	966689-2	Automatic fuse, for electronic control	X	X	X	X	X	X	X	X	X	X	X						
233		Control cable 233	Table																
333		Control cable 333	Table																
443		Control cable 443	Table																

- 1) For MS2 reverse gear
- 2) For control mechanism 851600-7 (pos. no 27.7) and 1140095-9 (pos. no 27.15)
- 3) Not for SX drives
- 4) MD22P, TMD22, TAMD22 with SX-drive
- 5) For Double control lever PC-870/871 (pos 26.16-17)
- 6) Not mandatory

27 Control system, petrol engines

27	Part no	Description	3.0GS/SX	4.3GL/SX/DP-S	4.3Gi/SX/DP-S	5.0GL/SX/DP-S	5.0Gi/SX/DP-S	5.7GS/SX/DP-S	5.7Gi/SX/DP-S	7.4Gi/SX/DP-S	7.4GS/DP-S	8.2GS/DP-S	DPX385	DPX415	DPX500	DPX600
1	851602-3	Control lever assembly PC-740, top mounted, single engine installation	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	851603-1	Control lever assembly PC-740, top mounted, twin engine installation	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	853168-3	Control lever assembly PC-840, top mounted, single engine installation	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	1140043-9	Control lever assembly PC-840, top mounted, single engine installation with Power Trim	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	853169-1	Control lever assembly PC-840, top mounted, twin engine installation	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	851600-7	Control mechanism for top mounting	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	855352-1	Neutral safety switch	X	X	X	X	X	X	X	X	X	X	X	X	X	X ¹⁾
9	1140092-6	Control lever assembly PC-741, side mounted	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	1140090-0	Control lever assembly PC-841, side mounted	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	1140091-8	Control lever assembly PC-841, side mounted with Power Trim function	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	1140061-1	Control lever (complete) PC-860, side mounted with Power Trim function	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	1140095-9	Control mechanism for side mounting	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	1140067-8	Double control lever assemblies PC-870, top mounted	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	1140068-6	Double control lever assemblies PC-871, top mounted	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24	1140073-6	Connection kit for 443 control cable	X	X	X	X	X	X	X	X	X	X	X	X	X	X ²⁾
25	1140074-4	Flybridge – connection fork for 333	X	X	X	X	X	X	X	X	X	X	X	X	X	X ²⁾
26	1140075-1	Flybridge – connection fork for 443	X	X	X	X	X	X	X	X	X	X	X	X	X	X ²⁾
27	1140081-9	Connection kit for joining 333 and 443 control cables	X	X	X	X	X	X	X	X	X	X	X	X	X	X ²⁾
71	3856901-8	Side-mounted controls	X	X	X	X	X	X	X	X	X	X	X	X	X	X
72	3856781-4	Side-mounted controls	X	X	X	X	X	X	X	X	X	X	X	X	X	X
73	3856902-6	Top-mounted controls for single installation	X	X	X	X	X	X	X	X	X	X	X	X	X	X
74	3856782-2	Top-mounted controls for single installation	X	X	X	X	X	X	X	X	X	X	X	X	X	X
75	3856903-4	Top-mounted controls for twin installation	X	X	X	X	X	X	X	X	X	X	X	X	X	X
76	3856783-0	Top-mounted controls for twin installation	X	X	X	X	X	X	X	X	X	X	X	X	X	X
78	3858163-3	Shift interruptor			X		X		X	X	X	X	X	X	X	X
233		Control cable 233	Table													
333		Control cable 333	Table													
443		Control cable 443	Table													

- 1) For control mechanisms 851600-7 (pos. no 27.7) and 1140095-9 (pos. no 27.15)
- 2) For double lever controls PC-870/871 (pos. no 26.16-17)

30 Electrical system, diesel engines

30	Part no	Description	MD2010	MD2020	MD2030	MD2040	MD22L	MD22P	TMD22	TAMD22	TAMD31	TAMD41	KAMD43	KAMD44	AD31	KAD32/DP-E/DP-S	AD41	KAD43/DP-E/DPX	KAD44/DP-E/DPX
2	858620-8	Alternator kit 12 V/50 A									X	X			X		X		5)
3	858679-4	Alternator kit 24 V/25 A									X	X			X		X		5)
4	861156-8	Alternator kit 12 V/130 A									X	X			X		X		5)
5	861155-0	Alternator kit 24 V/100 A									X	X			X		X		5)
6	860705-3	Alternator kit 12 V/50 A																	1,5)
7	828944-9	Alternator kit 12 V/50 A																	2)
8	873120-0	Charge distributor	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	862311-8	Battery,12 V/70 A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	862312-6	Battery,12 V/88 A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	862313-4	Battery,12 V/110 A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	862314-2	Battery,12 V/140 A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	1140319-3	Main switch	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	1140072-8	Suppressor	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	860935-6	Air pre-heater, kit									X	X			X		X		
17	859192-7	Safety switch					X	X	X	X	X	X	X	X	X	X	X	X	X
51	3581043-1	Alternator kit 12 V/60 A	X	X															7)
52	3581044-9	Alternator kit 12 V/60 A				X													
53	3581045-6	Alternator kit 12 V/60 A					X	X	X	X									5)
54	3581046-4	Alternator kit 24 V/40 A					X	X	X	X									5)
55	3581630-5	Alternator kit 12 V/60 A alt. 24 V/40 A											X	X		X		X	8)
56	8151943-1	Main switch																	4)
57	3851984-9	Active electronic anti-corrosion system, shield mounted						X	X	X						X			6)
58	3851790-0	Active electronic anti-corrosion system, stern mounted											X	X	X	X	X	X	
70	3582336-8	Volvo Penta 220 V Power System, control box	X	X	X	X	X	X	X	X									
71	3582337-6	Volvo Penta 220 V Power System, alternator 10 A	X	X	X	X	X	X	X	X									
72	3582338-4	Volvo Penta 220 V Power System, cable 3 m	X	X	X	X	X	X	X	X									
73	3582339-2	Volvo Penta 220 V Power System, cable 5 m	X	X	X	X	X	X	X	X									
74	3582340-0	Volvo Penta 220 V Power System, cable 7 m	X	X	X	X	X	X	X	X									
75	3582341-8	Volvo Penta 220 V Power System, cable 10 m	X	X	X	X	X	X	X	X									
76	3582333-5	Volvo Penta 220 V Power System, installation kit	X	X															
77	3582334-3	Volvo Penta 220 V Power System, installation kit				X													
78	3582335-0	Volvo Penta 220 V Power System, installation kit					X	X	X	X									
79	3582347-5	Volvo Penta 220 V Power System, three-position switch	X	X	X	X	X	X	X	X									

- 1) For 42-engines up to engine no 2204208023
- 2) 2001, 2002, 2003, 2003T
- 3) Also for 42-engines, engine no 2204208024 onwards
- 4) For larger diesel engines 61-163
- 5) Not for engines with Servo Control
- 6) For SX/DP-S-drives
- 7) Belt should be ordered separately.
For 2020 use drive belt no 966906-0
For 2030 use drive belt no 966910-2
- 8) Alternator is not included in the kit. Should be ordered separately.
Alternator 12 V/60 A, part no 872235-7
Alternator 24 V/40 A, part no 872927-9

30 Electrical system, petrol engines

30	Part no	Description	3.0GS/SX	4.3GL/SX/DP-S	4.3Gi/SX/DP-S	5.0GL/SX/DP-S	5.0Gi/SX/DP-S	5.7GS/SX/DP-S	5.7Gi/SX/DP-S	7.4Gi/SX/DP-S	7.4GS/DP-S	8.2GS/DP-S	DPX385	DPX415	DPX500	DPX600
8	873120-0	Charge distributor	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	862311-8	Battery,12 V/70 A	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	862312-6	Battery,12 V/88 A	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	862313-4	Battery,12 V/110 A	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	862314-2	Battery,12 V/140 A	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	1140319-3	Main switch	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	1140072-8	Suppressor	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	839422-3	Safety switch	X	X	X	X	X	X	X	X	X	X	X	X	X	X
57	3851984-9	Active electronic anti-corrosion system, to mount onto drive's shield	X	X	X	X	X	X	X							
58	3851790-0	Active electronic anti-corrosion system, to mount on the stern											X	X	X	X
100	3857622-9	Active electronic anti-corrosion system, to mount onto drive's shield								X	X	X				

38 Instruments, diesel engines

38	Part no	Description	MD2010	MD2020	MD2030	MD2040	MD22L	MD22P	TMD22	TAMD22	TAMD31	TAMD41	KAMD43	KAMD44	AD31	KAD32/DP-E/DP-S	AD41	KAD43/DP-E/DPX	KAD44/DP-E/DPX
1	1140464-7	Operating clock - kit	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	872479-1	Operating clock, instrument only	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	858878-2	Voltmeter, kit	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	873808-0	Fuel gauge, kit	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	863940-3	Fuel gauge, instrument	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	873772-8	Fuel gauge sensor	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	1140462-1	Fresh water gauge, kit	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	863942-9	Fresh water gauge, instrument	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	834389-9	Fresh water gauge sensor	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	1140465-4	Rudder indicator, kit	X	X	X	X	X	X	X	X	X	X	X						
11	863944-5	Rudder indicator, instrument	X	X	X	X	X	X	X	X	X	X	X						
12	837772-3	Rudder indicator sensor	X	X	X	X	X	X	X	X	X	X	X						
13	1140463-9	Rudder indicator, kit for drives												X	X	X	X	X	1)
14	1140597-4	Clock, kit	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	856814-9	Clock	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	1140433-2	Pressure log kit											X	X				X	X
22	856810-7	Pressure log - instrument											X	X				X	X
23	856818-0	Pressure log pitot tube											X	X				X	X
24	872314-0	Turbo-Charge pressure gauge									X	X	X		X	X	X	X	4)
25	858643-0	Front-ring for 52 mm instruments	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26	873517-7	Front-ring for 72 mm instruments	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	856805-7	Front-ring for 85/100 mm instruments											X	X				X	X
28	856822-2	Square instrument frame for 52 mm instruments	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	856823-0	Square instrument frame for 85/100 mm instruments											X	X				X	X
30	858873-3	Instrument panel for one 52 mm instrument	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31	858874-1	Instrument panel for two 52 mm instruments	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
32	828718-7	Pressure switch - spring-loaded	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

38	Part no	Description	MD2010	MD2020	MD2030	MD2040	MD22L	MD22P	TMD22	TAMD22	TAMD31	TAMD41	KAMD43	KAMD44	AD31	KAD32/DP-E/DP-S	AD41	KAD43/DP-E/DPX	KAD44/DP-E/DPX
33	828719-5	Push-button switch - two positional	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
34	873594-6	Instrument panel, standard, start button	X	X	X	X													
35	873593-8	Instrument panel, standard, key switch	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
36	873590-4	Instrument panel, De Luxe	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
37	873583-9	Instrument panel kit					X	X	X	X	X	X	X	X	X	X	X	X	X
38	873286-9	Instrument kit					X	X	X	X	X	X	X	X	X	X	X	X	X
39	873582-1	Instrument panel kit	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
40	858648-9	Cover plate	X	X	X	X	X	X	X	X									
41	873992-2	Tachometer kit	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
42	1140598-2	Y-connector for Flybridge	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
43	860184-1	Handed Flybridge instrument panel	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
49	840074-9	Sensor, engine coolant temperature									X	X	X	X	X	X	X	X	X
50	866836-0	Sensor, engine oil pressure									X	X	X	X	X	X	X	X	X
52	858876-6	Alarm panel display	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
55	846648-4	Extension cable, 3 m	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
56	846649-2	Extension cable, 5 m	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
57	846650-0	Extension cable, 7 m	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
62	873567-2	Diode cable					X	X	X	X									
63	873568-0	Diode cable									X	X							
64	872239-9	Digital Power Trim instrument kit													X	X	X	X	1)
65	3855650-2	Power Trim control unit						X	X	X					X	X	X	X	X
66	873136-6	Analog Power Trim instrument kit													X	X	X	X	1)
67	873226-5	Control unit for 38.66													X	X	X	X	1)
68	828742-7	Toggle switch	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
69	828743-5	Rubber seal for 38.68	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
70	853052-9	Extension cable for Power Trim (38.64), 3 m													X	X	X	X	1)
75	872625-9	Start lock kit, two locks									X	X	X	X	X	X	X	X	X
76	872624-2	Start lock kit, four locks									X	X	X	X	X	X	X	X	X
77	873569-8	Sensor kit for instrument panel, De Luxe version (38.36)	X	X	X	X													
78	873210-9	Square instrument frame, 72 mm instruments	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
79	866854-3	Oil level alarm, sensor, 12 V					X	X	X	X	X	X	X	X	X	X	X	X	X
81		Oil level alarm, dipstick																	2)
82	861759-9	Alarm for low coolant level	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	3,4)
83	1140609-7	Water alarm	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
84	1140624-6	Water alarm sensor	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
85	873609-2	Alarm panel	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
86	873838-7	Extension cable, 9 m	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
87	873839-5	Extension cable, 11 m	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
90	873855-1	Turbo-Charge pressure gauge											X	X			X	X	
208	873207-5	Holder for 52 mm instruments	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
209	873208-3	Holder for 72 mm instruments	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215	3855712-0	Y connector for Power Trim, Flybridge						X	X	X					X	X	X	X	X
216	3855711-2	Extension cable for Power Trim, 5 m						X	X	X									
217	3855710-4	Extension cable for Power Trim, 3 m						X	X	X									
218	3857048-7	Extension cable for Power Trim, pigtail						X	X	X					X	X	X	X	X
219	3851787-6	Analog Power Trim Instrument kit						X	X	X									
220	3855115-6	Sensor for Power Trim, Flybridge						X	X	X									
221	873618-3	Feeder						X	X	X									

38	Part no	Description	MD2010	MD2020	MD2030	MD2040	MD22L	MD22P	TMD22	TAMD22	TAMD31	TAMD41	KAMD43	KAMD44	AD31	KAD32/DP-E/DP-S	AD41	KAD43/DP-E/DPX	KAD44/DP-E/DPX
222	3855584-3	Electronic trim limiter						X	X	X									

- 1) Not for DPX drives
- 2) See table, section 38
- 3) The larger expansion tank is required for 31, 41 and 42 series engines. See pos. no 26.71-73
- 4) Also for 42 engines

38 Instruments, petrol engines

38	Part no	Description	3.0GS/SX	4.3GL/SX/DP-S	4.3GI/SX/DP-S	5.0GL/SX/DP-S	5.0GI/SX/DP-S	5.7GS/SX/DP-S	5.7GI/SX/DP-S	7.4GI/SX/DP-S	7.4GS/DP-S	8.2GS/DP-S	DPX385	DPX415	DPX500	DPX600
1	1140464-7	Operating clock - kit	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	872479-1	Operating clock, instrument only	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	858878-2	Voltmeter, kit	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	873808-0	Fuel gauge, kit	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	863940-3	Fuel gauge, instrument	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	873772-8	Fuel gauge sensor	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	1140462-1	Fresh water gauge, kit	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	863942-9	Fresh water gauge, instrument	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	834389-9	Fresh water gauge sensor	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	1140465-4	Rudder indicator, kit	X	X	X	X	X	X	X	X	X	X				
11	863944-5	Rudder indicator, instrument	X	X	X	X	X	X	X	X	X	X				
12	837772-3	Rudder indicator sensor	X	X	X	X	X	X	X	X	X	X				
14	1140597-4	Clock, kit	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	856814-9	Clock	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	856833-9	Synchronizing tachometer kit for petrol engines	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	856809-9	Synchronizing tachometers, instruments	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	1140433-2	Pressure log kit						X	X	X	X	X	X	X	X	X
22	856810-7	Pressure log - instrument						X	X	X	X	X	X	X	X	X
23	856818-0	Pressure log pitot tube						X	X	X	X	X	X	X	X	X
25	858643-0	Front-ring for 52 mm instruments	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	856805-7	Front-ring for 85/100 mm instruments	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	856822-2	Square instrument frame for 52 mm instruments	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	856823-0	Square instrument frame for 85/100 mm instruments	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30	858873-3	Instrument panel for one 52 mm instrument	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31	858874-1	Instrument panel for two 52 mm instruments	X	X	X	X	X	X	X	X	X	X	X	X	X	X
32	828718-7	Pressure switch – spring-loaded	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33	828719-5	Push-button switch – two positional	X	X	X	X	X	X	X	X	X	X	X	X	X	X
45	3851008-7	Flybridge instrument panel	X	X	X	X	X	X	X	X	X	X	X	X	X	X
48	872068-2	Sensor, engine coolant temperature	X	X	X	X	X	X	X	X	X	X	X	X	X	X
51	872064-1	Sensor, engine oil pressure	X	X	X	X	X	X	X	X	X	X	X	X	X	X
54	3851005-3	Y-connector, Flybridge	X	X	X	X	X	X	X	X	X	X	X	X	X	X
65	3855650-2	Power Trim control unit	X	X	X	X	X	X	X	X	X	X	X	X	X	X
68	828742-7	Toggle switch	X	X	X	X	X	X	X	X	X	X	X	X	X	X
69	828743-5	Rubber seal for 38.68	X	X	X	X	X	X	X	X	X	X	X	X	X	X
70	853052-9	Extension cable for Power Trim (38.64), 3 m		X	X	X	X	X	X	X	X	X				2)
78	873210-9	Square instrument frame, 72 mm instruments	X	X	X	X	X	X	X	X	X	X	X	X	X	X
88	3858252-4	Digital Power Trim instrument kit		X	X	X	X	X	X	X	X	X				

38	Part no	Description	3.0GS/SX	4.3GL/SX/DP-S	4.3GI/SX/DP-S	5.0GL/SX/DP-S	5.0GI/SX/DP-S	5.7GS/SX/DP-S	5.7GSI/SX/DP-S	7.4GI/SX/DP-S	7.4GSI/DP-S	8.2GSI/DP-S	DPX385	DPX415	DPX500	DPX600		
89	3857221-0	Cable connection kit, twin installation			X		X		X	X	X	X	X	X	X	X		
91	3858640-0	Cable connection kit	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	3)
92	3858636-8	Instrument kit	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	4)
93	3858151-8	Extension cable 3 m	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
94	3858152-6	Extension cable 6 m	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
95	3858154-2	Extension cable 3 m	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
96	3858155-9	Extension cable 6 m	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
98	3857955-3	Audible alarm kit	5)															
99	3857455-4	Audible alarm kit		5)		5)		5)										
100	3857956-1	Audible alarm kit			5)				5)	5)	5)	5)	5)	5)	5)	5)	5)	
208	873207-5	Holder for 52 mm instruments	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
215	3855712-0	Y connector for Power Trim, Flybridge	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
216	3855711-2	Extension cable for Power Trim, 5 m	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
217	3855710-4	Extension cable for Power Trim, 3 m	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
218	3857048-7	Extension cable for Power Trim, pigtail	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
219	3851787-6	Analog Power Trim Instrument kit	X	X	X	X	X	X	X	X	X	X						1)
220	3855115-6	Sensor for analog Power Trim, Flybridge	X	X	X	X	X	X	X	X	X	X						1)
222	3855584-3	Electronic trim limiter	X	X	X	X	X	X	X	X	X	X						1)

1) Not for DP-S Digital Power Trim Instrument

2) For DP-S Digital Power Trim Instrument

3) Used together with 3858636-8 (pos. no 38.92)

4) Used together with 3858640-0 (pos. no 38.91)

5) Standard equipment, for EF year model, accessory for LK, BY and WT

45 Propellers

45	Description
1	Duoprop, type A propellers, aluminium
2	Duoprop type B propellers, aluminium
3	Duoprop, type C propellers, stainless steel
4	Duoprop, type E propellers, stainless steel
5	Singleprop, propellers for SX drives, aluminium
6	Singleprop, propellers for SX drives, stainless steel, polished
8	SP propellers, high speed, long hub, aluminium
9	SP propellers, high speed, standard, aluminium
10	SP propellers for 100 drives with, cylindrical shaft and locking pin, aluminium
12	Rubber bushing for SP and DP type A and type B and folding bronze propeller
13	Propellers for S drives 110S, 120S, 2-blade folding
14	Propellers for S drives 110S, 120S, 2-blade fixed
15	Propellers for S drives 110S, 120S, 3-blade fixed
16	Propellers for 50S, 100S S drives, 3-blade folding
17	Propellers for 50S, 100S S drives, 2-blade fixed
18	Drive extension for S drives
19	Drive extension for S drives
20	Drive extension for DP-E drives
21	Drive extension for DP-E drives
22	Duoprop type D, aluminium
23	Duoprop type F, stainless steel
24	Three-blade folding propeller, bronze
25	Drive extension for SX/DP-S drives
26	Drive extension for DPX drives
27	Single high-performance propeller for SX drives, stainless steel, polished
28	Parts for locking fixed S-drive propellers
30	Propeller shaft system
31	Flexible propeller shaft coupling
32	Propeller shaft coupling with clamp
33	Propeller shaft coupling with tapered locking pin and keyway
34	Complete propeller shaft
35	Shaft sleeve
36	Clamp attachment
37	Stern bearing for plastic bonding
38	Stern bearing for bolting
39	Rubber bearing
40	Rubber packing box
41	Packing box
42	Greaser
43	Greaser hose
45	Zinc anode, earlier design
46	2 blade sailing boat bronze propeller with fixed blades, blade area 0.23
47	3 blade bronze propeller, blade area 0.43
48	3 blade bronze propeller, blade area 0,52
49	4 blade bronze propeller, blade area 0,57
50	4 blade bronze propeller, blade area 0,69
51	Key for older shafts, 30 mm Ø
52	Key for older shafts, 40 mm Ø
53	Aquamatic adapter plate
60	Drive extension for DPX-R drives

48 Power take off, diesel engines

48	Part no	Description	MD2010	MD2020	MD2030	MD2040	MD22L	MD22P	TMD22	TAMD22	TAMD31	TAMD41	KAMD43	KAMD44	AD31	KAD32/DP-E/DP-S	AD41	KAD43/DP-E/DPX	KAD44/DP-E/DPX	
1	858049-0	Universal bracket																		1)
2	3581051-4	Universal bracket					X	X	X	X										
3	861369-7	Universal bracket									X	X			X		X			
4	840777-7	Extra V-belt pulley																		1)
5	861157-6	Extra V-belt pulley									X	X			X		X			
6	861158-4	Extra V-belt pulley									X	X			X		X			
51	3581049-8	Universal bracket		X	X															2)
52	3581050-6	Universal bracket				X														3,4)
54	3581048-0	Extra V-belt pulley		X	X															
55	3581053-0	Extra V-belt pulley				X														
56	3581054-8	Extra V-belt pulley					X	X	X	X										

1) 2001, 2002, 2003, 2003T

2) A rear engine bracket kit 3581428-4 is also required for 120S drive installations. Ordered separately.

3) A rear engine bracket kit 3581429-2 is also required for 120S drive installations. Ordered separately.

4) Not in combination with engine bracket kit 858566-3 (pos. no 89.15)

64 Steering system, diesel engines

64	Part no	Description	MD2010	MD2020	MD2030	MD2040	MD22L	MD22P	TMD22	TAMD22	TAMD31	TAMD41	KAMD43	KAMD44	AD31	KAD32/DP-E/DP-S	AD41	KAD43/DP-E/DPX	KAD44/DP-E/DPX	
1	853181-6	STS 330 steering gear	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2)
2	853183-2	Installation kit 70°, white cover	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	3)
3	1140024-9	Installation kit 70°, black cover	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	3)
4	853182-4	Installation kit 90°, white cover	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	3)
5	1140023-1	Installation kit 90°, black cover	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	3)
7	853290-5	Steering cable attachment	X	X	X	X	X	X	X	X	X	X	X	X						
8	872388-4	Steering cable attachment													X	X	X	X	X	2)
10	1140580-0	Hydraulic steering pump	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2)
11	1140582-6	Angled shim, 70°	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	4)
12	1140585-9	Hydraulic steering cylinder													X	X	X	X	X	2)
14	1140586-7	Hydraulic steering cylinder													X	X	X	X	X	2)
15	1140590-9	Hydraulic steering cylinder	X	X	X	X	X	X	X	X	X	X	X	X						5)
16	1140591-7	Hydraulic steering cylinder	X	X	X	X	X	X	X	X	X	X	X	X						5)
17	1140592-5	Hydraulic steering cylinder	X	X	X	X	X	X	X	X	X	X	X	X						5)
18	1140583-4	Connection kit for double steering positions	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2)
19	1140584-2	Hydraulic tube 3/8"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2)
20	192618-7	Air bleed hose	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2)
22	1140610-5	Parallel brace, DP-E drive													X	X	X	X	X	2)
23	3850885-9	Parallel brace, SX/DP-S drive						X	X	X						X				1)
24	3850886-7	Parallel brace, SX/DP-S drive						X	X	X						X				1)
25	850936-6	3 spoke aluminium steering wheel	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
27	1140333-4	Hardwood sports steering wheel	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
28	1140334-2	Thermo-plastic steering wheel, white	X	X	X	X	X	X	X											
29	1140335-9	Thermo-plastic steering wheel, black	X	X	X	X	X	X	X											
30		Steering cable	Table																	

1) For SX/DP-S-drives

2) Not for DPX-drives

3) For steering gear, pos. 64.1

4) For Hydraulic steering pump, pos. 64.10

5) Not for MD22P/TMD22/TAMD22 with SX-drive

64 Steering system, petrol engines

64	Part no	Description	3.0GS/SX	4.3GL/SX/DP-S	4.3Gi/SX/DP-S	5.0GL/SX/DP-S	5.0Gi/SX/DP-S	5.7GS/SX/DP-S	5.7Gi/SX/DP-S	7.4Gi/SX/DP-S	7.4GS/DP-S	8.2GS/DP-S	DPX385	DPX415	DPX500	DPX600
1	853181-6	STS 330 steering gear	X	X	X	X	X	X	X	X	X	X				
2	853183-2	Installation kit 70°, white cover	X	X	X	X	X	X	X	X	X	X				1)
3	1140024-9	Installation kit 70°, black cover	X	X	X	X	X	X	X	X	X	X				1)
4	853182-4	Installation kit 90°, white cover	X	X	X	X	X	X	X	X	X	X				1)
5	1140023-1	Installation kit 90°, black cover	X	X	X	X	X	X	X	X	X	X				1)
10	1140580-0	Hydraulic steering pump	X	X	X	X	X	X	X	X	X	X				
11	1140582-6	Angled shim, 70°	X	X	X	X	X	X	X	X	X	X				2)
13	1140587-5	Hydraulic steering cylinder	X	X	X	X	X	X	X	X	X	X				
18	1140583-4	Connection kit for double steering positions	X	X	X	X	X	X	X	X	X	X				
19	1140584-2	Hydraulic tube 3/8"	X	X	X	X	X	X	X	X	X	X				
20	192618-7	Air bleed hose	X	X	X	X	X	X	X	X	X	X				
23	3850885-9	Parallel brace, SX/DP-S drive	X	X	X	X	X	X	X	X	X	X				
24	3850886-7	Parallel brace, SX/DP-S drive	X	X	X	X	X	X	X	X	X	X				
25	850936-6	3 spoke aluminium steering wheel	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	1140333-4	Hardwood sports steering wheel	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	1140334-2	Thermo-plastic steering wheel, white	X													
29	1140335-9	Thermo-plastic steering wheel, black	X													
30		Steering cable	Table													

1) For steering gear, pos. 64.1

2) For Hydraulic steering pump, pos. 64.10

89 Miscellaneous, diesel engines

89	Part no	Description	MD2010	MD2020	MD2030	MD2040	MD22L	MD22P	TMD22	TAMD22	TAMD31	TAMD41	KAMD43	KAMD44	AD31	KAD32/DP-E/DP-S	AD41	KAD43/DP-E/DPX	KAD44/DP-E/DPX
1	876708-9	On-board kit	X	X															
2	876709-7	On-board kit			X														
3	876710-5	On-board kit				X													
4	876711-3	On-board kit					X	X	X	X									
5	876795-6	On-board kit									X	X			X		X		
7	876792-3	On-board kit											X		X		X		2)
9	858282-7	Tool kit	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	859563-9	Drip pan									X	X			X		X		
13	828807-8	Flexible fan ducting	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	858566-3	Rear engine bracket kit – raised				X													
16	3850887-5	Kit for limitation of tilt angle					X	X	X							X			3)
18	858302-3	On-board kit																	1)
64	876777-4	On-board kit												X				X	
65	3582291-5	Belt guard					X	X	X	X									
68	3581745-1	Trolling valve									X	X	X						5)
69	3582258-4	Trolling valve					X	X	X	X									6)
70	3581959-8	Control cable kit					X	X	X	X	X	X	X						7)
71	3581851-7	Cable control bracket, horizontal					X	X	X	X	X	X	X						7,8)
73	3857598-1	In-trim limiter														X			11)
75	3858307-6	Kit for limitation of tilt angle						X	X	X						X			3)
76	3852292-3	Silencer kit																	9,10)
77	877082-8	Silencer kit																	9,10)

1) 2002, 2003

2) Also for KAD/KAMD42

3) For SX-drives

4) For servo pump or extra alternator

5) For HS45A and HS63A, V

6) For HS25A

7) Also for HSW450/630

8) Std for HS45/63. Option for HS25. Vertical bracket 3581960-6 std for HS25 and option for HS45/63

9) For KAD/KAMD42B and KAD/KAMD42P-A (engine no 2204205277 onwards) use kit 3858307-6, pos. no 89.75

10) For KAD/KAMD42A (up to engine no 2204205276) use kit 877082-8, pos. no 89.77

11) For DP-S-drive

89 Miscellaneous, petrol engines

89	Part no	Description	3.0GS/SX	4.3GL/SX/DP-S	4.3Gi/SX/DP-S	5.0GL/SX/DP-S	5.0Gi/SX/DP-S	5.7GS/SX/DP-S	5.7GSi/SX/DP-S	7.4Gi/SX/DP-S	7.4GSi/DP-S	8.2GSi/DP-S	DPX385	DPX415	DPX500	DPX600
13	828807-8	Flexible fan ducting	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	3850887-5	Kit for limitation of tilt angle	X	X	X	X	X	X	X	X	X	X				
20	3855841-7	On-board kit														1)
21	3855842-5	On-board kit														1)
22	3856538-8	On-board kit														1)
23	3855843-3	On-board kit														1)
24	3856539-6	On-board kit														1)
25	3855844-1	On-board kit														1)
26	3855845-8	On-board kit														1)
27	3855846-6	On-board kit														1)
28	3855847-4	On-board kit														1)
29	3855848-2	On-board kit														1)
61	3857657-5	On-board kit														1)
62	3857659-1	On-board kit														1)
63	3857658-3	On-board kit														1)
73	3857598-1	In-trim limiter		X	X	X	X	X	X	X	X	X				2)
74	3857589-0	In-trim limiter		X	X	X	X	X	X	X	X	X				3)
75	3858307-6	Kit for limitation of tilt angle	X	X	X	X	X	X	X	X	X	X				
80	3860642-2	On-board kit														1)
81	3860643-0	On-board kit														1)
82	3860644-8	On-board kit														1)
83	3860645-5	On-board kit														1)

- 1) For the correct on-board kit, see group 89
 2) For DP-S-drives, model year -98 and later
 3) For DP-S-drives, up to model year -97