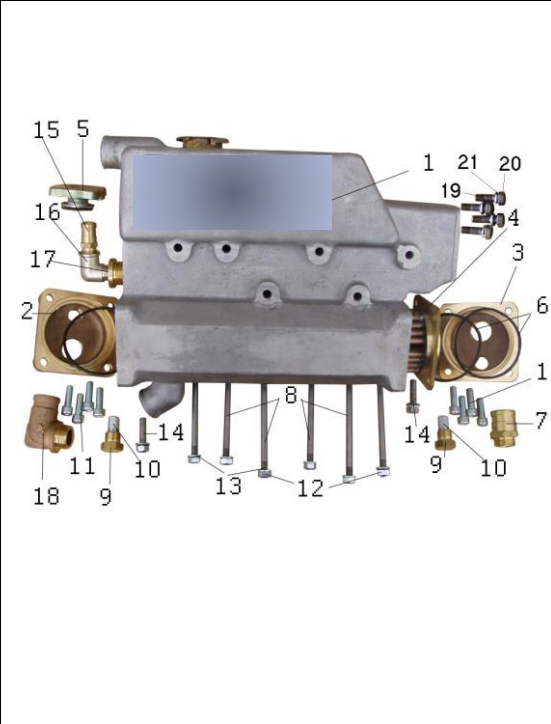



MARINEZATION KIT PARTS LIST – DTL2590

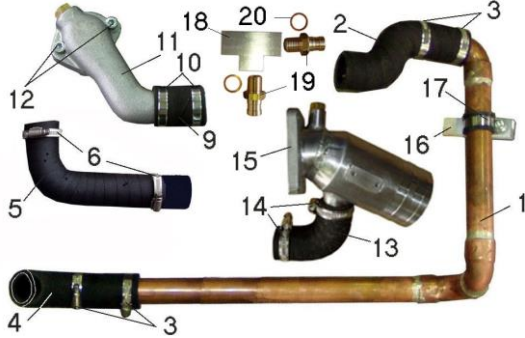
Exhaust gas collector with exp. vessel and heat exc.

	<u>Pos.</u>	<u>PART NAME</u>
		Exh.gas collector with exp. vessel and heat exc. assembly
	1	*Expansion vessel housing
	2	*Heat exchanger cover – I
	3	*Heat exchanger cover – O
	4	*Heat exchanger insert
	5	*Expansion vessel plug
	6	*“O” ring 75x3,5
	7	*Connection ¾”-30
	8	*Stud M8x120
	9	*Zn - anode holder
	10	*Zn – anode
	11	*Cover fixing bolts M8x25
	12	*Nut M8
	13	*Split washer for M8
	14	*Stud M8x38
	15	*Flow reducer 3/8”-16
	16	*Elbow 3/8” M-F
	17	*Reduction ¾”-3/8”
	18	*Elbow ¾”
	19	*Stud bolt, M8x34
	20	*Nut, M8
	21	*Split washer for M8


Exhaust gaskets (Kubota)

	<u>Pos.</u>	<u>PART NAME</u>
	1	Exhaust gasket cyl. #1&2
	2	Exhaust gasket cyl. #3&4
	3	*Exhaust riser gasket


Cooling piping – fresh and sea water

	<p>P. <u>PART NAME</u></p> <p>Cooling piping – fresh and sea water</p> <p>1 *Sea water pipe Ø35 2 *S.W.pump rubb.conn.Ø30x200 3 *Clip 25-40 4 *Rubber elbow Ø30x180-90° 5 *Rubber elbow Ø35x300-90° 6 *Clip 30-45 9 *Rubber conn. Ø35x50 10 *Clip 30-45 11 *Thermostat cover 12 *Bolt M8x25 13 *Rubber elbow Ø30x140-90° 14 *Clip 30-45 15 *Exhaust gas riser 16 *S.W. pipe bracket holder 17 *S.W. pipe bracket 18 *Freshwater T-extension 19 *Pipe connection M14x1,5 - 14 20 *Copper gasket Ø14</p>
---	---

L.O. press. sensor conn. Extention

	<p>Pos. <u>PART NAME</u></p> <p>L.O. press. Sensor conn. Extention</p> <p>1 *L.O. press. sensor connection ext. 2 *Copper gasket Ø8 3 *Plug, engine block, 1/8"</p>
---	---

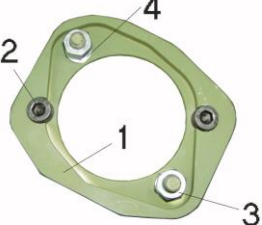
Suction – air filter

	<p>Pos. <u>PART NAME</u></p> <p>Air suction filter, assembly</p> <p>1 *Air suction filter housing 2 *Air suction filter cover 3 *Bolt M6x16 4 *Split washer for M8 5 *Bolt, M8x45 6 *Nut, M8 7 *Washer for M8 8 *Split washer for M8 9 *Strainer net</p>
---	--

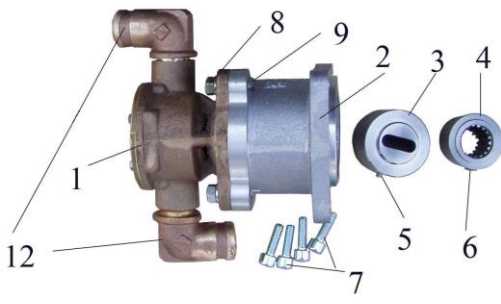
Engine lifting piece

	<p>Pos. <u>PART NAME</u></p> <p>*Engine lifting piece</p>
---	--

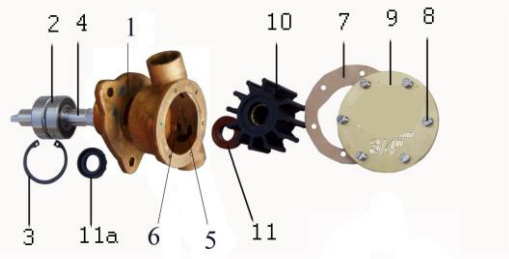
Electric starter adapter

	<table border="1"> <thead> <tr> <th><u>Pos.</u></th> <th><u>PART NAME</u></th> </tr> </thead> <tbody> <tr> <td colspan="2">Electric starter adapter</td> </tr> <tr> <td>1</td> <td>*Starter adapter plate</td> </tr> <tr> <td>2</td> <td>*Bolt M10x1,25x25</td> </tr> <tr> <td>3</td> <td>*Nut M10</td> </tr> <tr> <td>4</td> <td>*Split washer for M10</td> </tr> </tbody> </table>	<u>Pos.</u>	<u>PART NAME</u>	Electric starter adapter		1	*Starter adapter plate	2	*Bolt M10x1,25x25	3	*Nut M10	4	*Split washer for M10
<u>Pos.</u>	<u>PART NAME</u>												
Electric starter adapter													
1	*Starter adapter plate												
2	*Bolt M10x1,25x25												
3	*Nut M10												
4	*Split washer for M10												

Sea water pump mounting

	<table border="1"> <thead> <tr> <th><u>Po.</u></th> <th><u>PART NAME</u></th> </tr> </thead> <tbody> <tr> <td colspan="2">Sea water pump mounting-assy</td> </tr> <tr> <td>1</td> <td>Sea water pump 3/4"</td> </tr> <tr> <td>2</td> <td>*Sea water pump holder</td> </tr> <tr> <td>3</td> <td>*Shaft bushing - outer</td> </tr> <tr> <td>4</td> <td>*Shaft bushing - inner</td> </tr> <tr> <td>5</td> <td>*Locking screw M5x5</td> </tr> <tr> <td>6</td> <td>*Key 6x16</td> </tr> <tr> <td>7</td> <td>*Bolt M8x25</td> </tr> <tr> <td>8</td> <td>*Split washer for M8</td> </tr> <tr> <td>9</td> <td>*Bolt M8x35</td> </tr> <tr> <td>12</td> <td>*Elbow 3/4"</td> </tr> </tbody> </table>	<u>Po.</u>	<u>PART NAME</u>	Sea water pump mounting-assy		1	Sea water pump 3/4"	2	*Sea water pump holder	3	*Shaft bushing - outer	4	*Shaft bushing - inner	5	*Locking screw M5x5	6	*Key 6x16	7	*Bolt M8x25	8	*Split washer for M8	9	*Bolt M8x35	12	*Elbow 3/4"
<u>Po.</u>	<u>PART NAME</u>																								
Sea water pump mounting-assy																									
1	Sea water pump 3/4"																								
2	*Sea water pump holder																								
3	*Shaft bushing - outer																								
4	*Shaft bushing - inner																								
5	*Locking screw M5x5																								
6	*Key 6x16																								
7	*Bolt M8x25																								
8	*Split washer for M8																								
9	*Bolt M8x35																								
12	*Elbow 3/4"																								

Sea water pump

	<table border="1"> <thead> <tr> <th><u>Pos.</u></th> <th><u>PART NAME</u></th> </tr> </thead> <tbody> <tr> <td colspan="2">Sea water pump - assembly</td> </tr> <tr> <td>1</td> <td>*Sea water pump housing</td> </tr> <tr> <td>2</td> <td>*Ball bearing</td> </tr> <tr> <td>3</td> <td>*Circlip</td> </tr> <tr> <td>4</td> <td>*Pump shaft</td> </tr> <tr> <td>5</td> <td>*Insert holding bolt M5x8</td> </tr> <tr> <td>6</td> <td>*Pump insert</td> </tr> <tr> <td>7</td> <td>*Cover gasket</td> </tr> <tr> <td>8</td> <td>*Cover bolt M4x10</td> </tr> <tr> <td>9</td> <td>*Pump cover</td> </tr> <tr> <td>10</td> <td>*Impeller</td> </tr> <tr> <td>11</td> <td>*Lipseal – sea side</td> </tr> <tr> <td>11a</td> <td>*Lipseal – oil side</td> </tr> </tbody> </table>	<u>Pos.</u>	<u>PART NAME</u>	Sea water pump - assembly		1	*Sea water pump housing	2	*Ball bearing	3	*Circlip	4	*Pump shaft	5	*Insert holding bolt M5x8	6	*Pump insert	7	*Cover gasket	8	*Cover bolt M4x10	9	*Pump cover	10	*Impeller	11	*Lipseal – sea side	11a	*Lipseal – oil side
<u>Pos.</u>	<u>PART NAME</u>																												
Sea water pump - assembly																													
1	*Sea water pump housing																												
2	*Ball bearing																												
3	*Circlip																												
4	*Pump shaft																												
5	*Insert holding bolt M5x8																												
6	*Pump insert																												
7	*Cover gasket																												
8	*Cover bolt M4x10																												
9	*Pump cover																												
10	*Impeller																												
11	*Lipseal – sea side																												
11a	*Lipseal – oil side																												

