090095 Solenoid Shutdown Kit
12 V, 1.1 a/hold, 46 a/pull,
Pull rating 89N at 25.40 mm,
Mount. side Left, Hold rating 178N,
Elect. connection Cable, Function Pull,
Mount. type Flange/bracket,
switch External
This solenoid can’t switch off by itself, it will have to be controlled externally.

090099 Solenoid Shutdown Kit
24 V, 0.5 a/hold, 25 a/pull,
Pull rating 89N at 25.40 mm,
Mount. side Left, Hold rating 178N,
Elect. connection Cable, Function Pull,
Mount. type Flange/bracket,
switch External
This solenoid can’t switch off by itself, it will have to be controlled externally.

090100 Solenoid Shutdown Kit
24 V, 0.5 a/hold, 25 a/pull,
Pull rating 89N at 25.40 mm,
Mount. side Right, Hold rating 178N,
Elect. connection Cable, Function Pull,
Mount. type Flange/bracket,
switch External
This solenoid can’t switch off by itself, it will have to be controlled externally.

090103 Solenoid Shutdown Kit
servicing: Nippodenso, Zexel
12 V, 1.1 a/hold, 55 a/pull,
Pull rating 89N at 25.40 mm,
Mount. side Left, Hold rating 178N,
Elect. connection Cable, Function Pull,
Mount. type Flange/bracket,
switch External
This solenoid can’t switch off by itself, it will have to be controlled externally.
090104 Solenoid Shutdown Kit
servicing: Nippodenso, Zexel
12 V, 1.1 a/ hold, 55 a/ pull,
Pull rating 89N at 25.40 mm,
Mount. side Right, Hold rating 178N,
Elect. connection Cable,
Function Pull, switch External
This solenoid can’t switch off by itself, it will have to be controlled externally.

090107 Solenoid Shutdown Kit
12 V, 1.1 a/ hold, 55 a/ pull,
Pull rating 89N at 25.40 mm,
Mount. side Left, Hold rating 178N,
Elect. connection Multiplug,
Function Pull, switch External
This solenoid can’t switch off by itself, it will have to be controlled externally.

090105 Solenoid Shutdown Kit
servicing: Nippodenso, Zexel
24 V, 0.63 a/ hold, 29 a/ pull,
Pull rating 89N at 25.40 mm,
Mount. side Left, Hold rating 178N,
Elect. connection Cable,
Function Pull, switch External
This solenoid can’t switch off by itself, it will have to be controlled externally.

090108 Solenoid Shutdown Kit
24 V, 0.63 a/ hold, 29 a/ pull,
Pull rating 89N at 25.40 mm,
Mount. side Left, Hold rating 178N,
Elect. connection Multiplug,
Function Pull, switch External
This solenoid can’t switch off by itself, it will have to be controlled externally.

090097 Solenoid Shutdown Kit
12 V, 1.1 a/ hold, 46 a/ pull,
Pull rating 89N at 25.40 mm,
Mount. side Left, Hold rating 178N,
Elect. connection Connection,
Function Pull, switch Internal
This solenoid can switch off the pull coil, and no external 'control' is necessary.

090101 Solenoid Shutdown Kit
24 V, 0.5 a/ hold, 25 a/ pull,
Pull rating 89N at 25.40 mm,
Mount. side Left, Hold rating 178N,
Elect. connection Connection,
Function Pull, switch Internal
This solenoid can switch off the pull coil, and no external 'control' is necessary.

090102 Solenoid Shutdown Kit
24 V, 0.5 a/ hold, 25 a/ pull,
Pull rating 89N at 25.40 mm,
Hold rating 178N,
Elect. connection Connection,
Function Pull, switch Internal
This solenoid can switch off the pull coil, and no external 'control' is necessary.

090098 Solenoid Shutdown Kit
12 V, 1.1 a/ hold, 46 a/ pull,
Pull rating 89N at 25.40 mm,
Mount. side Right, Hold rating 178N,
Elect. connection Connection,
Function Pull, switch Internal
This solenoid can switch off the pull coil, and no external 'control' is necessary.

internally switched
090109 Shutdown Solenoid
12 V, 0.7 a/hold, 30 a/pull, thread size 6, thread type mm, Pull rating 40N at 25.40 mm, return spring 9N, Hold rating 89N, Plunger External, Function Pull, Elect. connection Connection, Mount. type Flange/bracket, switch External
This solenoid can’t switch off by itself, it will have to be controlled externally.

090110 Shutdown Solenoid
24 V, 0.25 a/hold, 17 a/pull, thread size 6, thread type mm, Pull rating 40N at 25.40 mm, return spring 9N, Hold rating 89N, Plunger External, Function Pull, Elect. connection Connection, Mount. type Flange/bracket, switch External
This solenoid can’t switch off by itself, it will have to be controlled externally.

090111 Shutdown Solenoid
12 V, 0.6 a/hold, 44 a/pull, thread size 1/4", thread type Inches, Pull rating 75N at 25.40 mm, return spring 35N, Hold rating 178N, Plunger External, Function Pull, Elect. connection Connection, Mount. type Flange/bracket, switch External
This solenoid can’t switch off by itself, it will have to be controlled externally.

090113 Shutdown Solenoid
24 V, 0.3 a/hold, 23 a/pull, thread size 6, thread type mm, Pull rating 75N at 25.40 mm, return spring 35N, Hold rating 178N, Plunger External, Function Pull, Elect. connection Connection, Mount. type Flange/bracket, switch External
This solenoid can’t switch off by itself, it will have to be controlled externally.

090199 Shutdown Solenoid
12 V, 1.1 a/hold, 46 a/pull, thread size 6, thread type mm, Pull rating 89N at 25.40 mm, return spring 17N, Hold rating 178N, Plunger External, Function Pull, Elect. connection Cable, Mount. type Flat w/ 2 fixing holes, switch External
This solenoid can’t switch off by itself, it will have to be controlled externally.

090200 Shutdown Solenoid
24 V, 4 a/hold, 18 a/pull, thread size 6, thread type mm, Pull rating 67N at 25.40 mm, return spring 17N, Hold rating 178N, Plunger External, Elect. connection Cable, Function Pull/push, switch External
This solenoid can’t switch off by itself, it will have to be controlled externally.

090206 Shutdown Solenoid
servicing: Yanmar Diesel
12 V, Plunger Internal, switch External
This solenoid can’t switch off by itself, it will have to be controlled externally.

090216 Shutdown Solenoid
servicing: Kubota
12 V, 0.7 a/hold, 30 a/pull, Pull rating 44N at 25.40 mm, return spring 17N, Hold rating 85N, Plunger External, Elect. connection Multiplug, type Stop solenoid, Mount. type Flange, switch External
This solenoid can’t switch off by itself, it will have to be controlled externally.

090225 Shutdown Solenoid
servicing: Perkins
12 V, Plunger Internal, switch External
This solenoid can’t switch off by itself, it will have to be controlled externally.
090226 Shutdown Solenoid
24 V, 24 V 2, 0.5 a/ hold, 25 a/ pull, thread size 6, thread type mm, pull spring 111N at 25.40 mm, return spring 7N, hold rating 182N, plunger external, elect. connection multiplug, function pull, switch external
This solenoid can’t switch off by itself, it will have to be controlled externally.

090228 Shutdown Solenoid
12 V, plunger internal, switch external
This solenoid can’t switch off by itself, it will have to be controlled externally.

090267 Shutdown Solenoid
24 V, 0.86 a/ hold, 39 a/ pull, pull rating 129N at 25.4mm, hold rating 182N, plunger cable, elect. connection multiplug, function pull, switch external
Syncro start/Woodward.

090281 Shutdown Solenoid
24 V, 0.5 a/ hold, 25 a/ pull, thread size 6, thread type mm, pull rating 89N at 25.40 mm, hold rating 236N, plunger external, elect. connection multiplug, function pull/push, mount. type bracket, switch external
This solenoid can’t switch off by itself, it will have to be controlled externally.

090348 Shutdown Solenoid
12 V, 1.1 a/ hold, 46 a/ pull, thread size 6, thread type mm, pull rating 111N at 25.40 mm, return spring 4-8N, hold rating 182N, plunger external, elect. connection cable, function pull, mount. type flat w/ 2 fixing holes, switch external
Syncro start/Woodward.

090431 Shutdown Solenoid
24 V, 24 V 2, 0.57 a/ hold, 30 a/ pull, thread size 5/16”-24, thread type inches, pull rating 165N, return spring 80-115N, hold rating 391N, plunger external, function pull, mount. type flange/bracket, switch external, insulated return yes
This solenoid can’t switch off by itself, it will have to be controlled externally.
090160 Shutdown Solenoid
12 V, 0.7 a/ hold, 30 a/ pull,
thread size 6, thread type mm,
Pull rating 40N at 25.40 mm,
return spring 17N, Hold rating 89N,
Plunger External, switch Internal,
Elect. connection Connection,
Mount. type Flange/bracket,
This solenoid can switch off the pull coil, and no external 'control' is necessary.

090169 Shutdown Solenoid
24 V, 0.3 a/ hold, 23 a/ pull,
thread size 6, thread type mm,
Pull rating 75N at 25.40 mm,
return spring 35N, Hold rating 178N,
Plunger External, Function Pull,
Elect. connection Connection,
Mount. type Flange/bracket,
switch Internal, aux terminal Yes
This solenoid can switch off the pull coil, and no external 'control' is necessary.

090161 Shutdown Solenoid
24 V, 0.25 a/ hold, 17 a/ pull,
thread size 6, thread type mm,
Pull rating 40N at 25.40 mm,
return spring 17N, Hold rating 89N,
Plunger Internal, Function Pull,
Elect. connection Connection,
Mount. type Flange/bracket,
switch Internal,
This solenoid can switch off the pull coil, and no external 'control' is necessary.

090210 Shutdown Solenoid
12 V, 1.1 a/ hold, 46 a/ pull,
thread size 1/4"-28 stud.,
thread type Inches,
Pull rating 89N at 25.40 mm,
return spring 9N, Hold rating 178N,
Plunger Internal, Function Pull,
Elect. connection Connection,
Mount. type Flange/bracket,
switch Internal, aux terminal Yes
This solenoid can switch off the pull coil, and no external 'control' is necessary.

090268 Shutdown Solenoid
12 V, Plunger Internal, switch Internal
This solenoid can switch off the pull coil, and no external 'control' is necessary.

090297 Shutdown Solenoid
24 V, 1.1 a/ hold, 46 a/ pull,
thread size 6, thread type mm,
Pull rating 107N at 25.40 mm,
return spring 7-11N, Hold rating 169N,
Plunger External, switch Internal,
aux terminal Yes
This solenoid can switch off the pull coil, and no external 'control' is necessary.

090317 Shutdown Solenoid
24 V, 0.3 a/ hold, 20 a/ pull,
Pull rating 98N at 32.00 mm,
return spring 45N, Hold rating 245N,
Plunger Internal, switch Internal,
coil commander w/
This solenoid can switch off the pull coil, and no external 'control' is necessary.

090318 Shutdown Solenoid
12 V, 0.65 a/ hold, 37 a/ pull,
Pull rating 98N at 32.00 mm,
return spring 45N, Hold rating 245N,
Plunger Internal, switch Internal
This solenoid can switch off the pull coil, and no external 'control' is necessary.
<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Voltage</th>
<th>No./ Wires</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>090334</td>
<td>Shutdown Solenoid</td>
<td>12 V</td>
<td></td>
<td>Plunger Internal, Switch Internal. This solenoid can switch off the pull coil, and no external 'control' is necessary.</td>
</tr>
<tr>
<td>090402</td>
<td>Shutdown Solenoid</td>
<td>24 V</td>
<td></td>
<td>Plunger Internal, Switch Internal. This solenoid can switch off the pull coil, and no external 'control' is necessary.</td>
</tr>
<tr>
<td>090430</td>
<td>Shutdown Solenoid</td>
<td>12 V</td>
<td></td>
<td>Plunger Internal, Switch Internal. This solenoid can switch off the pull coil, and no external 'control' is necessary.</td>
</tr>
<tr>
<td>090116</td>
<td>Pull Coil Timer</td>
<td>24 V</td>
<td>3</td>
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<tr>
<td>080787</td>
<td>Electro Valve</td>
<td>12 V</td>
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<td>Thread M12-1.5, Electro valve Yes.</td>
</tr>
<tr>
<td>080791</td>
<td>Electro Valve</td>
<td>12 V</td>
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<td>Thread M14-1.5, Electro valve Yes.</td>
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<tr>
<td>080941</td>
<td>Actuator</td>
<td>12 V</td>
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<tr>
<td>080942</td>
<td>Actuator</td>
<td>12 V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>080940</td>
<td>Actuator</td>
<td>12 V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>080177</td>
<td>Solenoid Stop</td>
<td>12 V</td>
<td></td>
<td>12 V 2, Filter w/o, Insulated return No.</td>
</tr>
</tbody>
</table>

**Pull coil timer Modules**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Voltage</th>
<th>No./ Wires</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>090115</td>
<td>Pull Coil Timer</td>
<td>12 V</td>
<td>3</td>
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</tr>
</tbody>
</table>

**Advance solenoids**

Pkg. 5

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Voltage</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>080940</td>
<td>Actuator</td>
<td>12 V</td>
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</tr>
</tbody>
</table>

**Actuator**

081117 Actuator 12 V

081120 Actuator 12 V

**Solenoid stop**

080177 Solenoid Stop 12 V, 12 V 2, Filter w/o, Insulated return No
<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Voltage</th>
<th>Insulated Return</th>
<th>Electrode Connection</th>
<th>Filter</th>
<th>W/o Thread</th>
</tr>
</thead>
<tbody>
<tr>
<td>080178</td>
<td>Solenoid Stop</td>
<td>24 V, 24 V</td>
<td>No</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>080207</td>
<td>Solenoid Stop</td>
<td>12 V, 12 V</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>080208</td>
<td>Solenoid Stop</td>
<td>24 V, 24 V</td>
<td>No</td>
<td></td>
<td></td>
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<tr>
<td>080209</td>
<td>Solenoid Stop</td>
<td>12 V, 12 V</td>
<td>No</td>
<td></td>
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<tr>
<td>080211</td>
<td>Solenoid Stop</td>
<td>24 V, 24 V</td>
<td>No</td>
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<tr>
<td>080212</td>
<td>Solenoid Stop</td>
<td>12 V, 12 V</td>
<td>Yes</td>
<td>Connection</td>
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<tr>
<td>080595</td>
<td>Solenoid Stop</td>
<td>12 V, 12 V</td>
<td>No</td>
<td></td>
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<tr>
<td>080680</td>
<td>Solenoid Stop</td>
<td>12 V, 12 V</td>
<td>No</td>
<td></td>
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<tr>
<td>080873</td>
<td>Solenoid Stop</td>
<td>12 V, 12 V</td>
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<tr>
<td>080926</td>
<td>Solenoid Stop</td>
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<tr>
<td>080929</td>
<td>Solenoid Stop</td>
<td>12 V, 12 V</td>
<td>Yes</td>
<td>Cable</td>
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<tr>
<td>080994</td>
<td>Solenoid Stop</td>
<td>12 V, 12 V</td>
<td>No</td>
<td></td>
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<tr>
<td>080995</td>
<td>Solenoid Stop</td>
<td>12 V, 12 V</td>
<td>Yes</td>
<td>Multiplug</td>
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*Pkg. 10*
<table>
<thead>
<tr>
<th>Code</th>
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<th>Voltage</th>
<th>Connection</th>
<th>Function</th>
<th>Filter</th>
<th>Insulated Return</th>
<th>Pkg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>080996</td>
<td>Solenoid Stop</td>
<td>24 V, 24 V</td>
<td>Multiplug</td>
<td>Push</td>
<td>w/o</td>
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<td>10</td>
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<tr>
<td>080998</td>
<td>Solenoid Stop</td>
<td>12 V, 12 V</td>
<td>Filter</td>
<td>Push</td>
<td>w/o</td>
<td>No</td>
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<tr>
<td>081000</td>
<td>Solenoid Stop</td>
<td>12 V, 12 V</td>
<td>type Coil</td>
<td>Push</td>
<td>Filter w/o</td>
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<tr>
<td>081001</td>
<td>Solenoid Stop</td>
<td>24 V, 24 V</td>
<td>Cable</td>
<td>Pull</td>
<td>Filter w/o</td>
<td>Insulated</td>
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<td>081002</td>
<td>Solenoid Stop</td>
<td>24 V, 24 V</td>
<td>Cable</td>
<td>Push</td>
<td>Filter w/o</td>
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<tr>
<td>081003</td>
<td>Solenoid Stop</td>
<td>12 V, 12 V</td>
<td>Filter</td>
<td>Pull</td>
<td>No</td>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>

Pumps & Pump Parts
Electrical Bilge Pumps