## Parts List

<table>
<thead>
<tr>
<th>Pos.</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>S 38330 00 45</td>
<td>Base for winch 40.2 STQ</td>
</tr>
<tr>
<td>2</td>
<td>S 27222 00 04</td>
<td>Gear pin</td>
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<tr>
<td>3</td>
<td>S 45970 00 41</td>
<td>Gear z20 winch 40.2 ST</td>
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<tr>
<td>4</td>
<td>S 275600041</td>
<td>Pinion z12</td>
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<td>5</td>
<td>S 27219 00 41</td>
<td>Gear z18</td>
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<tr>
<td>6</td>
<td>S 27909 00 02</td>
<td>Washer 36x9,5x1</td>
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<tr>
<td>7</td>
<td>A70319200</td>
<td>Bearing 50x62x20</td>
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<td>8</td>
<td>S 32534 01 03</td>
<td>Logo Plate Winch 40 ST</td>
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<tr>
<td>9</td>
<td>S 37541 00 03</td>
<td>Self-tailing arm winch 32-40 ST</td>
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<tr>
<td>10</td>
<td>S 45971 00 A3</td>
<td>Spacer for gear 30-40 ST</td>
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<tr>
<td>11</td>
<td>S 31759 00 03</td>
<td>Socket</td>
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<td>12</td>
<td>A72607300</td>
<td>Roller bearing 28x38x25</td>
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<td>13</td>
<td>S 27908 00 02</td>
<td>Washer 28.5/42x1</td>
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<td>14</td>
<td>S 277910085</td>
<td>Washer</td>
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<td>15</td>
<td>S 27536 00 41</td>
<td>Gear W40.2ST Z24</td>
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<td>16</td>
<td>S 27535 00 02</td>
<td>Shaft for 40 ST</td>
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<td>17</td>
<td>S 26889 00 80</td>
<td>Washer</td>
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<tr>
<td>18</td>
<td>M 06040 03</td>
<td>Screw M6x12 UNI 5933</td>
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<td>19</td>
<td>M 06143 03</td>
<td>Screw M8x20 UNI 6109</td>
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<tr>
<td>20</td>
<td>S 00008 00 03</td>
<td>Pawl Ø8</td>
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<tr>
<td>21</td>
<td>S 00038 00 01</td>
<td>Pawl Spring dia 8</td>
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<tr>
<td>22</td>
<td>S 37383 03 A2</td>
<td>Spring carrier ST</td>
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<tr>
<td>23</td>
<td>S 38598 00 85</td>
<td>UPPER JAW W40</td>
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<tr>
<td>24</td>
<td>S 38597 00 01</td>
<td>SPRING</td>
</tr>
<tr>
<td>25</td>
<td>F 945518 00</td>
<td>Drum assy winch 40 STA Quattro</td>
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<tr>
<td>26</td>
<td>S 45518 00 53</td>
<td>Winch 40.2 Quattro Drum</td>
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<tr>
<td>27</td>
<td>S 42151 00 85</td>
<td>Lower jaw for 32-40 ST</td>
</tr>
<tr>
<td>28</td>
<td>S 38332 00 08</td>
<td>Spacer for 40STQ</td>
</tr>
</tbody>
</table>

When ordering parts, please include a “B” before each number (i.e. B008)
Service winch before the sailing season begins and once during.

**Required Tools**
- Screwdriver
- Allen Wrench (6 mm)
- Allen Wrench (5 mm)
- Plastic Head Hammer
- Mallet
- Small Knife
- Brush

**Suggested Service Kits**
- BK4512 10 008 Pawls
- BK4513 100 ml Grease

**Mounting**
- Position drive gear where sheet enters winch drum.
- Sheet entry angle must be at least 8°.

**Required Tools**
- Rags
- Solvent
- Oil
- Grease

**Installing Winch**
- Make sure mounting surface is flat.
- Check sheet entry angle. Should be at least 8° (see drawing).
- Open winch.
- Position winch on deck with drive gear where sheet enters winch drum. Mark holes.
- Remove winch and drill holes.
- Mount using five (5) ½" (8 mm) flathead machine screws.
- Apply bedding compound. Bolt winch to boat.
- Clean excess bedding compound from base drain holes.
- Lubricate and close winch.

**Minimum/Maximum Line Diameter**
- Harken winches feature spring-loaded self-tailing jaws which adjust automatically to the following line sizes:
  - Minimum 5/16" (8 mm)
  - Maximum 1/2" (12 mm)

**Positioning Stripper Arm**
- Loosen top screw (6143).
- Remove handle socket (26648).
- Lift stripper arm (37850) and position as desired.

**Opening Winch**
- Remove top screw (6143).
- Remove handle socket (26648).
- Remove 3 screws (6391) in stripper arm (37850).
- Remove stripper arm.
- Remove 4 screws (6009) in stripper arm base (27668).
- Lift support base.
- Lift off drum.

**Servicing Winch**
- Remove bearings from center stem.
- Drum support bearing 27588/4337/27879 cannot be removed; clean with solvent and lubricate lightly with grease.
- Remove allen screws (6432) holding center stem to base.
- Remove center stem (46010) carefully.
- Remove pawls and springs - service as below.
- Remove all bearings, gear shafts and gears.
- Service one gear shaft assembly at a time to avoid confusion.
- Inspect plastic bushings for wear.
- Remove all pawls and springs and service (see below).
- Use brush to lubricate all gears, gear shafts, bearings, teeth and all moving parts lightly with grease.
- Replace pawls and springs and lubricate lightly with oil.
- Assemble and close winch.

**Servicing Pawls**
- Catch spring with knife and hold against pawl.
- Lift out pawl.
- Clean and check for wear.
- Place spring against pawl with straight leg against pawl.
- Hold spring closed and slip pawl into pawl socket.
- Lubricate pawls using oil.

**Correct**
- Use a brush to spread a light, even coat of grease.

**Incorrect**
- If ratchet gear is mounted backwards, winch will slip.

**Usage**
- Use knife to free captive spring.
- Insert spring with straight leg against pawl. Use oil for lubrication.

**WARNING**
- EN: Do not allow teak cleaning products or other cleaners containing caustic solutions to come into contact with winches and especially anodized, chrome plated or plastic parts.
- F: Évitez soigneusement tout contact de nettoyant pour teck ou autres produits de nettoyage avec les winchs et plus particulièrement avec les pièces en aluminium anodisé, en métal chromé ou en plastique.
- D: Keine Teak - Reiniger oder andere Reiniger die ätzende Stoffe enthalten, mit Winschen, eloxierten, verchromten oder Kunststoffteilen in Berührung bringen.
- I: Evitare il contatto dei prodotti per la pulizia del teak e di altre sostanze pulenti contenenti soluzioni caustiche con i winch e in particolare con i componenti anodizzati, cromati o in plastica.
- E: Evitar que los productos especiales para la limpieza de la Teca o cualquier otro limpiador que contengan soluciones clorhídricas entren en contacto con los Winches y en particular con los componentes anodizados, cromados o en plastico del winch.
- It is essential that the components facing the winch be treated with respect and care.
- Use a brush to lubricate all parts lightly with grease.
- Replace all components using a brush to ensure proper lubrication.
- Do not allow teak cleaning products or other cleaners containing caustic solutions to come into contact with winches and especially anodized, chrome plated or plastic parts.

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HARKEN

USA: 1251 E. Wisconsin Ave., Pewaukee, WI 53072 USA • Tel: (262) 691-3320 • Fax: (262) 691-3008 • Web: harken.com • E-mail: harken@harken.com

ITALY: Via Della Cerca, 12/14, 22070 Lurago Marinone, Como, Italy • Fax: (39) 031.3520031 • Tel: (39) 031.3523511 • Web: harken.it • E-mail: info@harken.it