One Speed Self-Tailing Winch

Winch Parts
Installation
Service

■ Required Tools
Screwdriver
Plastic Head Hammer or Mallet
Small Knife
Brush
Rags
Solvent
Oil
Grease

■ Parts List
008 Pawl
038 Pawl Spring
6669 Screw
6143 Top Screw
6428 Screw
27005 Spindle
27006 Bearing Spacer
27059 Cover Plate
27778 Ratchet Gear
27779 Gear
27780 Gear Shaft
27790 Handle Socket
27791 Plastic Washer
28167 Red Line Ring
32532 Top Cap
37340 Upper Jaw
37383 Spring Support
37389 Chrome Stripper Arm
38597 Spring
39123 Bronze Stripper Arm
42784 Lower Jaw
42787 Center Stem
703192 Bearing
942786 Aluminum Drum
942783 Chrome Drum
939121 Bronze Drum

■ Suggested Service Kits
BK4512 10 008 Pawls
10 038 Springs
BK4513 100ml Grease

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

- **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) 1/4" (6 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 1/4" (6 mm)
    - Maximum 1/2" (12 mm)

- **Positioning Stripper Arm**
  - Loosen top screw.
  - Remove handle socket.
  - Lift stripper arm and position as desired.

- **Opening Winch**
  - Remove top screw.
  - Lift off drum and stripper arm.

- **Servicing Winch**
  - Remove pawls and springs - service as below.
  - Remove bearings, gear shaft and gears.
  - To remove center spindle, winch must be removed from deck.
  - Clean all parts except 37383 and 37340 with rag and solvent.
  - Important: Use freshwater only on parts 37383 and 37340
  - Use brush to lubricate 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.

---

**Mounting**

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

**Cleaning**

- Clean all parts with solvent.

**Lubrication**

- Use a brush to spread a light, even coat of grease.
- If ratchet gear is mounted backwards, winch will slip.

**Positioning Stripper Arm**

- Loosen top screw.
- Remove handle socket.
- Lift stripper arm and position as desired.

**Opening Winch**

- Remove top screw.
- Lift off drum and stripper arm.

**Servicing Winch**

- Remove pawls and springs - service as below.
- Remove bearings, gear shaft and gears.
- To remove center spindle, winch must be removed from deck.
- Clean all parts except 37383 and 37340 with rag and solvent.
- Important: Use freshwater only on parts 37383 and 37340
- Use brush to lubricate 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.