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
- 37589 Chrome Stripper Arm
- 37873 Center Stem
- 38597 Spring
- 39123 Bronze Stripper Arm
- 703192 Bearing
- 938079 Aluminum Drum
- 938080 Chrome Drum
- 939121 Bronze Drum

■ Suggested Service Kits
- BK4512 10 008 Pawls
- 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.