Two Speed Self-Tailing Winch

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

**Parts List**
- 008 Pawl
- 038 Pawl Spring
- 3502 Bearing Spacer
- 6143 Top Screw
- 6428 Screw
- 6669 Screw
- 26889 Cover Plate
- 27219 Ratchet Gear
- 27222 Gear Shaft
- 27535 Spindle
- 27536 Ratchet Gear
- 27537 Gear
- 27538 Gear
- 27560 Pawl Gear
- 27791 Plastic Washer
- 27906 Washer
- 27909 Cover Plate
- 28168 Red Line Ring
- 31759 Handle Socket
- 32534 Top Cap
- 37383 Springs Support
- 37541 Chrome Stripper Arm
- 37875 Center Stem
- 38597 Spring
- 38598 Upper Jaw
- 39126 Bronze Stripper Arm
- 703192 Bearing
- 726073 Bearing
- 938089 Aluminum Drum
- 938090 Chrome Drum
- 939127 Bronze Drum

**Suggested Service Kits**
- BK4512 10 008 Pawls
- BK4513 100 ml 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) ¼” (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: ⁵⁄₃₂” (8 mm)
  - Maximum: ⅜” (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 bearing, gear shaft and gears.
  - To reach interior shaft bearing, winch must be removed from deck.
  - Clean all parts except 37383 and 38598 with rag and solvent.
  - Important: Use freshwater only on parts 37383 and 38598
  - 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.