Two Speed Self-Tailing Winch

Required Tools
- Screwdriver
- Allen Wrench (6 mm)
- Allen Wrench (5 mm for Self Tailing)
- Plastic Head Hammer or Mallet
- Small Knife
- Brush
- Rags
- Solvent
- Oil
- Grease

Parts List
- 008 Pawl
- 038 Pawl Spring
- 768 Thrust Washer
- 6047 Screw
- 6143 Top Screw
- 6144 Screw
- 6242 Screw
- 27791 Plastic Washer
- 27811 Pawl Gear
- 27812 Gear
- 27814 Pawl Gear
- 27815 Gear Shaft
- 27816 Gear Shaft
- 27817 Cover Plate
- 27836 Ratchet Gear
- 27841 Handle Socket
- 27906 Washer
- 28169 Red Line Ring
- 28217 Base
- 32537 Top Cap
- 37335 Upper Jaw
- 37336 Lower Jaw
- 37337 Springs Support
- 37684 Chrome Stripper Arm
- 37685 Stripper Arm Support
- 37691 Spindle
- 37876 Center Stem
- 38597 Spring
- 39136 Bronze Stripper Arm
- 701887 Bearing
- 726076 Bearing
- 939103 Aluminum Drum
- 939104 Chrome Drum
- 939134 Bronze Drum

Suggested Service Kits
- BR4512 10 008 Pawls
- BR4513 10 038 Springs
- BR4513 100 ml Grease

When ordering parts, please include a “B” before each number (i.e. B008).
### 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 5/16” (8 mm)
- Maximum ½” (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 37335, 37336 and 37337 with rag and solvent.
- Important: Use freshwater only on parts 37335, 37336 and 37337.
- 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.