Two Speed Self-Tailing Winch

Parts List

008 Pawl
038 Pawl Spring
1709 Plastic Washer
1738 Spring
5530 Pawl Gear
5533 Pawl Gear
5543 Washer
5544 Spacer
5547 Gear Shaft
5548 Gear Shaft
5834 Spindle Guide
6009 Screw
6143 Top Screw
6336 Ball
6391 Screw
6432 Screw
6666 Screw
26029 Plastic Washer
26044 Plastic Bushing
26048 Split Ring
26648 Handle Socket
26682 Gear
27264 Gear
27588 Thrust Bearing
27668 Striper Arm Support
27879 Thrust Washer
28683 Ratchet Gear
28685 Bushing
28687 Ratchet Gear
30127 Bushing
30128 Plastic Bushing
30543 Top Cap
32714 Center Spindle
37855 Upper Jaw
37856 Lower Jaw
37857 Springs Support
37858 Striper Arm
37859 Cover
38628 Center Stem
38652 Spacer
38655 Red Ring
701888 Bearing
726060 Bearing
726073 Bearing
726664 Bearing
938629 Aluminum Drum
938635 Chrome Drum
938685 Winch Base

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 six (6) 3/8" (10 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: 3/8" (10 mm)
Maximum: 13/16" (21 mm)

Positioning Stripper Arm

- Loosen top screw (6143).
- Remove handle socket (26648).
- Lift stripper arm (37858) and position as desired.

Opening Winch

- Remove top screw (6143).
- Remove handle socket (26648).
- Remove 3 screws (6391) in stripper arm (37858).
- Remove stripper arm (37858).
- 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 27588/6337/27879 cannot be removed; clean with solvent and lubricate lightly with grease.
- Remove Allen (6432) holding center stem to base.
- Remove center stem (38628) 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.
- 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.

Required Tools

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

Suggested Service Kits

- BK4512 10 008 Pawls
- BK4513 10 038 Springs
- BK4514 100 ml Grease

Service winch before the sailing season begins and once during.