Parts List

- 008 Pawl
- 038 Pawl
- 1709 Plastic Washer
- 1738 Spring
- 5543 Washer
- 5544 Spacer
- 5547 Gear Shaft
- 5548 Gear Shaft
- 5545 Gear
- 5574 First Gear Drive Shaft
- 5575 Pawl Gear
- 5576 Pawl Gear
- 5671 Spring
- 6009 Screw
- 6052 Screw
- 6081 Screw
- 6141 Ball
- 6143 Top Screw
- 6264 Pin
- 6337 Ball
- 6391 Screw
- 6432 Screw
- 6666 Screw
- 26029 Plastic Washer
- 26039 Upper Drive Ring
- 26044 Plastic Bushing
- 26045 Spacer
- 26047 Center Spindle
- 27588 Thrust Bearing
- 27668 Stripper Arm Support
- 27879 Thrust Washer
- 27950 Pawl Gear
- 28089 Ratchet Gear
- 28655 Washer
- 28656 Bushing
- 28657 Washer
- 28664 Cover Plate
- 30127 Bushing
- 30128 Plastic Bushing
- 31159 Ratchet Gear
- 31160 Ratchet Gear
- 31161 Ratchet Gear
- 32547 Top Cap
- 35422 Ring
- 37761 Spring
- 37764 Lower Drive Ring
- 37761 Guide Bushing
- 38048 Springs Support
- 38049 Cover
- 37851 Upper Jaw
- 37862 Lower Jaw
- 37853 Stripper Arm
- 386547 Gear Shaft
- 386550 Center Stem
- 38655 Red Ring
- 701888 Bearing
- 703192 Bearing
- 726060 Bearing
- 726072 Bearing
- 726664 Bearing
- 938644 Aluminum Drum
- 938646 Chrome Drum
- 938683 Base

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

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

**Required Tools**
- Rags
- Solvent
- Oil
- Grease

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

**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 (5) ⅜" (5 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 ⅛" (8 mm)
- Maximum ⅝" (18 mm)

**Positioning Stripper Arm**
Loosen top screw (6143).
Remove handle socket (26648).
Lift stripper arm (37853) and position as desired.

**Opening Winch**
Remove top screw (6143).
Remove handle socket (26649).
Remove 3 screws (6391) in stripper arm (37853).
Remove stripper arm (37853).
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 screws (6432) holding center stem to base.
Remove center stem (38650) 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.