When ordering parts for service, 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) 5/16” (8 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 5/8” (16 mm)

Positioning Stripper Arm
Loosen top screw (6143).
Remove handle socket (26649).
Lift stripper arm (37850) and position as desired.

Opening Winch
Remove top screw (6143).
Remove handle socket (26649).
Remove 3 screws (6391) in stripper arm (37850).
Remove stripper arm.
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 (38688) carefully.
Remove all bearings, gear shafts and gears.
Service one gear shaft assembly at a time to avoid confusion.
Inspect plastic bushings for wear.
Remove all bushings and service as below.
Use brush to lubricate all gears, gear shafts, bearings, teeth and all moving parts lightly with grease.
Replace bushings 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
- BK4513 100 ml Grease

Service winch before the sailing season begins and once during.