One Speed Self-Tailing Winch

Tools Required
- Screwdriver
- Allen Wrench (4mm)
- Plastic Head Hammer or Mallet
- Small Knife
- Brush
- Rags
- Solvent
- Oil
- Grease

Parts List
- 008 Pawl
- 038 Pawl Spring
- 6040 Screw
- 6106 Ball (32 required)
- 6143 Top Screw
- 6276 Screw
- 6428 Screw
- 26609 Spacer
- 26610 Roller Shaft
- 26731 Roller
- 26915 Guide Arm
- 27003 Center Stem
- 27005 Spindle
- 27006 Bearing Spacer
- 27059 Cover Plate
- 27437 Adjustment Spacer
- 27778 Ratchet Gear
- 27779 Gear
- 27780 Gear Shaft
- 27790 Handle Socket
- 27791 Plastic Washer
- 28167 Red Line Ring
- 32532 Top Cap
- 34069 Chrome Stripper Arm
- 34070 Upper Jaw
- 34071 Line Peeler
- 35088 Bronze Stripper Arm
- 703192 Bearing
- 927802 Aluminum Drum
- 928533 Chrome Drum
- 934069 Chrome Stripper Arm Assembly

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

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

- **Adjusting Self-Tailer**
  - Self-tail winches must be adjusted for line size to insure proper operation. If the line slips in the jaws, remove the adjustment spacer 27437 from under the upper jaw 34070. If the winch self-tails properly with the spacer in place, do not remove it. The efficiency of the winch will be compromised when using larger lines.

- **Positioning Stripper Arm**
  - Loosen top screw
  - Remove handle socket
  - Lift stripper arm and drum; position as desired

- **Opening Winch**
  - Remove top screw
  - Lift off drum and stripper arm

- **Servicing Winch**
  - Remove pawls and springs - service as below
  - Remove bearings, gear shaft and gears
  - To remove center spindle, winch must be removed from deck
  - Clean all parts with rags and solvent
  - Use a brush to lubricate all moving parts lightly with grease
  - Replace pawls and springs and lubricate lightly with oil
  - Reassemble 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

- **Fitting on Boat**
  - Make sure mounting surface is flat
  - Check sheet entry angle
  - Open winch
  - Position winch on deck with drive gear where sheet enters
  - winch drum and mark holes
  - Remove winch and drill holes
  - Mount using five 1/4" (6mm) flat head machine screws
  - Apply bedding compound and bolt winch to boat
  - Clean excess bedding compound from base drain holes
  - Lubricate and reassemble winch

**Adjusting Self-Tailer**

- To adjust self-tailer, add or remove adjustment spacers.
- Correct opening: Sheet fits completely into jaw and rests against drum.

**Servicing Winch**

- Clean all parts with solvent.
- Grease lightly and spread grease evenly. Use a brush.
- Attention: Ratchet gear mounted backwards will cause winch to slip.

**Servicing Pawls**

- Use knife to free captive spring.
- Insert spring with straight leg against pawl. Use oil for lubrication.

**Fitting on Boat**

- Position drive gear where sheet enters winch drum.
- Sheet angle must be at least 8°.