Two Speed Winch

Tools Required
- Allen Wrench (6mm)
- Allen Wrench (5mm for self-tailing)
- Screwdriver
- Plastic Head Hammer or Mallet
- Small Knife
- Brush
- Reel
- Solvent
- Oil
- Grease

Tools

Parts List
- 008 Pawl
- 038 Pawl Spring
- 768 Thrust Washer
- 5064 Plastic Washer
- 6143 Top Screw
- 6144 Screw
- 6428 Screw
- 27791 Plastic Washer
- 27804 Bolt
- 27805 Center Shim
- 27809 Drum Crown
- 27810 Spindle
- 27811 Pallet Gear
- 27812 Gear
- 27813 Hooked Gear
- 27814 Pallet Gear
- 27815 Gear Shaft
- 27816 Gear Shaft
- 27817 Caster Plate
- 27818 Handle Socket
- 27820 Gear Cap
- 27896 Washer
- 28109 Red Line Ring
- 5064 Top Cap
- 701887 Bearing
- 27823 Bearing
- 5064 Bearing
- 927852 Aluminum Drum
- 927855 Chrome Drum
- 927856 Bronze Drum

Parts

Two Speed 42.2

- 008 Pawl
- 038 Pawl Spring
- 768 Thrust Washer
- 5064 Plastic Washer
- 6143 Top Screw
- 6144 Screw
- 6428 Screw
- 27791 Plastic Washer
- 27801 Plastic Washer
- 27804 Bolt
- 27805 Center Shim
- 27809 Drum Crown
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Suggested Service Kits
- BK4512 10 Pawls 008
- 10 Springs 038

Self-Tailing 42.2st

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When ordering parts for service, please include a ‘B’ before each number (i.e. B008).
Winch Parts and Service Instructions

Adjusting Self-Tailer
- If lines slip in the self-tailer, be sure that there are four or five wraps on the drum, then consider closing the jaws by pressing down on the upper jaw and turning counterclockwise.
- The shimming washer must be removed to use small line.
- The winch is more efficient when the jaw opening matches line size, so close the jaws only if you are using smaller line.

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

Opening Winch
- Remove top screw
- Lift off drum
- On self-tailing winches, lift off stripper arm with drum

Servicing Winch
- Remove bearings from center stem
- Remove allen screws holding center stem to base
- Remove center stem carefully
- Remove pins and springs - service as below
- Clean all parts with soap and solvent
- Use a brush to lubricate all gears, gear shafts, bearings, teeth and all moving parts lightly with grease
- Replace pins 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
- Position winch on deck with drive gear where sheet enters winch drum and mark holes
- Mount using five 5/16" (8mm) flat head machine screws
- Apply bedding compound and bolt smith to bow
- Clean excess bedding compound from base drain holes
- Lubricate and reassemble

Recommended Service Cycle – Service winch before the sailing season and once during.

Adjusting Self-Tailer
- Press and turn to adjust self-tailer.
- 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.
- Use knife to free captive spring.
- Position drive gear where sheet enters winch drum.

Fitting on Boat
- Position drive gear where sheet enters winch drum.
- Sheet entry angle matches at least 8°.