**44.2**

**Two Speed Winch**

**Parts List**

- **6081 Screw**
- **6106 Ball (32 required)**
- **6143 Top Screw**
- **6209 Screw**
- **6351 Screw**
- **26731 Roller**
- **27699 Washer**
- **27791 Plastic Washer**
- **27818 Drum Crown**
- **27841 Handle Socket**
- **32373 Guide Ring**
- **32536 Top Cap**
- **32552 Line Peeler**
- **33587 Upper Jaw**
- **33588 Lower Jaw**
- **33589 Adjusting Castle**
- **33665 Shimming Washer**
- **33696 Chrome Stripper Arm**
- **33698 Stripper Arm Support**
- **33702 Spring**
- **33751 Spring**
- **33752 Line Peeler**
- **33753 Bronze Stripper Arm**
- **356696 Chrome Stripper Arm Assembly**
- **927853 Aluminum Drum**
- **927856 Chrome Drum**
- **933349 Bronze Drum**

**Suggested Service Kits**

- **BK4512** 10 Pawls 008
- **BK4513** 100ml Grease

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**Tools Required**

- **Allen Wrench (6mm)**
- **Allen Wrench (5mm for Self-Tailing)**
- **Screwdriver**
- **Plastic Head Hammer or Mallet**
- **Small Knife**
- **Brush**
- **Rags**
- **Solvent**
- **Oil**
- **Grease**

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**Tools**

- **008 Pawl**
- **008 Pawl Spring**
- **008 Thrust Washer**
- **008 Screw**
- **014 Screw**
- **015 Screw**
- **017 Screw**
- **025 Screw**
- **035 Screw**
- **036 Screw**
- **037 Screw**
- **040 Screw**
- **041 Screw**
- **050 Screw**
- **060 Screw**
- **080 Screw**
- **100 Screw**
- **110 Screw**
- **120 Screw**
- **130 Screw**
- **140 Screw**
- **150 Screw**
- **160 Screw**
- **170 Screw**
- **180 Screw**
- **190 Screw**
- **200 Screw**
- **210 Screw**
- **220 Screw**
- **230 Screw**
- **240 Screw**
- **250 Screw**
- **260 Screw**
- **270 Screw**
- **280 Screw**
- **290 Screw**
- **300 Screw**
- **310 Screw**
- **320 Screw**
- **330 Screw**
- **340 Screw**
- **350 Screw**
- **360 Screw**
- **370 Screw**
- **380 Screw**
- **390 Screw**
- **400 Screw**
- **410 Screw**
- **420 Screw**
- **430 Screw**
- **440 Screw**
- **450 Screw**
- **460 Screw**
- **470 Screw**
- **480 Screw**
- **490 Screw**
- **500 Screw**
- **510 Screw**
- **520 Screw**
- **530 Screw**
- **540 Screw**
- **550 Screw**
- **560 Screw**
- **570 Screw**
- **580 Screw**
- **590 Screw**
- **600 Screw**
- **610 Screw**
- **620 Screw**
- **630 Screw**
- **640 Screw**
- **650 Screw**
- **660 Screw**
- **670 Screw**
- **680 Screw**
- **690 Screw**
- **700 Screw**
- **710 Screw**
- **720 Screw**
- **730 Screw**
- **740 Screw**
- **750 Screw**
- **760 Screw**
- **770 Screw**
- **780 Screw**
- **790 Screw**
- **800 Screw**
- **810 Screw**
- **820 Screw**
- **830 Screw**
- **840 Screw**
- **850 Screw**
- **860 Screw**
- **870 Screw**
- **880 Screw**
- **890 Screw**
- **900 Screw**
- **910 Screw**
- **920 Screw**
- **930 Screw**
- **940 Screw**
- **950 Screw**
- **960 Screw**
- **970 Screw**
- **980 Screw**
- **990 Screw**

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**Two Speed 44.2**

**Tools Required**

- **Allen Wrench (6mm)**
- **Allen Wrench (5mm for Self-Tailing)**
- **Screwdriver**
- **Plastic Head Hammer or Mallet**
- **Small Knife**
- **Brush**
- **Rags**
- **Solvent**
- **Oil**
- **Grease**

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**Self-Tailing 44.2st**

**Tools Required**

- **Allen Wrench (6mm)**
- **Allen Wrench (5mm for Self-Tailing)**
- **Screwdriver**
- **Plastic Head Hammer or Mallet**
- **Small Knife**
- **Brush**
- **Rags**
- **Solvent**
- **Oil**
- **Grease**

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When ordering parts for service, please include a 'B' before each number (i.e. B008).
**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 33665 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 panels and springs - service as below
- Remove all bearings, gear shafts and gears
- 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 panels 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 #10 (8mm) flat head machine screws
- Apply bedding compound and bolt winch to boat
- Clean excess bedding compound from base drain holes
- Lubricate and reassemble winch

**Recommended Service Cycle**

- Service winch before the sailing season and once during.

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**Winch Parts and Service Instructions**

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