Two Speed 48.2

Three Speed 48.3

Tools

Tools Required
- Allen Wrench (6mm)
- Allen Wrench (8mm for Self-Tailing)
- Screwdriver
- Plastic Head Hammer or Mallet
- Small Knife
- Brush
- Rags
- Solvent
- Grease

Parts List

008 Pawl
038 Pawl Spring
1178 Stop Pin Spring
1709 Plastic Washer
5402 Stop Pin
5647 Drum Crown
5648 Lower Drive Ring
5871 Ball Spring
6036 Screw
6143 Top Screw
6195 Delrin Ball
6377 Stainless Steel Ball
6381 Screw
6383 Screw
26021 Washer
26026 Handle Socket
26029 Plastic Washer
26038 Plastic Head Washer
26039 Upper Drive Ring
26078 Drum Crown
26129 Plastic Washer
27275 Ratchet Gear
27284 Washer
27285 Thrust Bearing
27287 Washer
28134 Guide Ring
27696 Handle Socket
27699 Washer
32374 Guide Ring
32538 Top Cap
33602 Upper Jaw
33603 Lower Jaw
33604 Adjusting Castle
33666 Shims Washer
33702 Spring
33703 Chrome Stripper Arm
33704 Stripper Arm Support
33705 Spring
33751 Spring
33752 Line Peeler
33753 Line Peeler Support
35345 Bronze Stripper Arm

Suggested Service Kits

BK4512 10 Pawls 008
10 Springs 038

BK4513 10ml Grease

When ordering parts for service, please include a 'B' before each number (i.e. 008B).

Three Speed 48.3

Tools

Tools Required
- Allen Wrench (6mm)
- Allen Wrench (8mm for Self-Tailing)
- Screwdriver
- Plastic Head Hammer or Mallet
- Small Knife
- Brush
- Rags
- Solvent
- Grease

Parts List

008 Pawl
038 Pawl Spring
1709 Plastic Washer
5402 Stop Pin
5647 Drum Crown
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5871 Ball Spring
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Suggested Service Kits

BK4512 10 Pawls 008
10 Springs 038

BK4513 10ml Grease

When ordering parts for service, please include a 'B' before each number (i.e. 008B).
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 3366 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 three speed winches, lift off three speed mechanism with handle socket
- On self-tailing winches, lift off stripper arm with drum

Servicing Winch

- Remove bearings from center stem
- Drum support/diameter 3/8" or 5/32" or 1/2" can not be removed.
- Clean with solvent and lubricate lightly with grease
- Remove allen screws holding center stem to base
- Remove center stem carefully
- Remove pawls and springs - service as below
- Remove all bearings, gear shafts and gears
- Clean all parts with rag and solvent
- Use a brush to lubricate all gears, gear shafts, bearings, teeth and all moving parts lightly with grease
- Replace all bearings, gear shafts and gears
- Clean all parts with solvent
- Lubricate all gears, gear shafts, bearings, teeth and all moving parts lightly with grease
- Replace all bearings, gear shafts and gears
- 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 six 5/16" (8mm) flat head machine screws
- Check bearing compound on BOAT and lubricate
- Apply bearingcompound and bolt winch to boat
- Clean excess bearing compound from base drain holes
- Lubricate and reassemble winch

H4606-5/98

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