16.2  
Two Speed Winch  

Winch Parts  
Installation  
Service  

■ Required Tools  
Screwdriver  
Plastic Head Hammer or Mallet  
Small Knife  
Brush  
Rags  
Solvent  
Oil  
Grease  

■ Parts List  
008 Pawl  
038 Pawl Spring  
6143 Top Screw  
6426 Screw  
27006 Bearing Spacer  
27059 Cover Plate  
27776 Center Stem  
27777 Spindle  
27778 Ratchet Gear  
27779 Gear  
27780 Gear Shaft  
27791 Plastic Washer  
28167 Red Line Ring  
30607 Ratchet Head  
703192 Bearing  
927773 Aluminum Drum  
928532 Chrome Drum  

■ Suggested Service Kits  
BK4512 10 008 Pawls  
BK4513 100 ml Grease  

When ordering parts, please include a "B" before each number (i.e. B008).
Service winch before the sailing season begins and once during.

### 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 and mark holes.
- Remove winch and drill holes.
- Mount using five (5) 1/4” (6 mm) flathead machine screws.
- Apply bedding compound and bolt winch to boat.
- Clean excess bedding compound from base drain holes.
- Lubricate and close winch.

### Opening Winch
- Remove top screw.
- Lift off drum.

### Servicing Winch
- Remove pawls and springs – service as below.
- Remove bearings, gear shaft and gears.
- To reach interior shaft bearing, 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 pawls.
- Clean and check for wear.
- Lubricate pawls using oil.
- Place spring against pawl with straight leg against pawl.
- Hold spring closed and slip pawl into pawl socket.

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**Correct**

**Incorrect**

- Use a brush to spread a light, even coat of grease.
- If ratchet gear is mounted backwards, winch will slip.
- Insert spring with straight leg against pawl. Use oil for lubrication.