

Quick Service

WINCHES



SERVICE AT REGULAR INTERVALS

Keep your winches clean and operating smoothly by flushing frequently with fresh water. Service your winches at least once during the preseason. Twice a season is best if your boat lives in salt water. If you race your boat hard, you may want to maintain your winches before every regatta.

Service required immediately if:

Ratcheting seems sluggish or sticky: Pawls may have been greased instead of oiled. Clean any grease off and then oil the pawls.

Winch doesn't turn freely: Refer to winch manual and clean, grease, and oil winch. Check for damaged springs, pawls, or bearings to make sure nothing else is wrong.

Winch can be turned in both directions: Problem with the pawls. May be stuck in grease or damaged.



Inspect Carefully for:

- Signs of damage, wear or corrosion on pawls and springs, bearings, gears, and spindles. Replace immediately.
- Loose or missing deck mounting fasteners.

See manuals online for specific information at www.harken.com/manuals.

Q&A

Which parts do I grease and which do I oil on my Harken® winches?

Grease all metal gears and roller bearings with Harken Winch Grease. It's highly resistant to salt and fresh water, works in all temperatures, and protects against corrosion. NEVER grease pawls or springs because grease causes them to stick. Instead, lubricate with Harken Pawl Oil for optimal rotation. Radial® winches and carbon winches have composite roller bearings that do not need to be lubricated.

ORDERING REPLACEMENT COMPONENTS

Use the Identification Chart on back or the Radial® serial number to identify your winch, then use the exploded view charts in the online manuals to find component part numbers.

Installation manuals and parts lists are available online at www.harken.com/manuals.

MAINTENANCE SERVICE KITS



Service Kits and Lubricants

Part No.	Description	Includes	Use for
BK4512	Winch service kit	10 pawls/10 springs	Classic B6 - B980, All Radial winches
BK4513	Winch grease	100 ml tube	All gears and metal roller bearings
BK4515	Racing winch service kit/10 mm	10 17-4 PH pawls/10 springs	B880 - B1120
BK4516	Racing winch service kit/8 mm	10 17-4 PH pawls/10 springs	B50 - B65
BK4517	Lock-in handle repair kit	Lock-in knob/spring pin/lock-in spring/isolator/lock-in plate	All handles
BK4518	Winch drum screw kit	8 screws 8 mm x 20 mm/8 plastic washers	B48 - B980
BK4519	Winch drum screw kit	8 screws 8 mm x 20 mm/8 plastic washers	B16 - B46
BK4521	Pawl Oil for pawls and springs	50 ml bottle	All pawls and springs

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FAMILY/MODEL IDENTIFICATION

Use to identify your winch, then use the exploded view charts in the online manuals to find component part numbers: www.harken.com/manuals.

Family/Model	Sizes (marked on top of winch)	Styles (noted after number of speeds in part number)	Materials (noted after style in part number)	Identifying features
 Radial®	20, 35, 40, 46, 50, 60, 70, 80 	PT: Plain-top (aluminum only)  ST: Self-tailing 	A: Aluminum; C: Chromed bronze CW: Chromed bronze, white top/skirt	Slanted grooves in drum  Integrated stripper arm 
 Performa™	PT: 20, 35, 40, 46, 50 ST: 20, 35, 40, 46, 50, 60, 70, 80 	PT: Plain-top  ST: Self-tailing 	P: Performa aluminum	Slanted grooves in drum  Integrated stripper arm 
 UniPower™ Radial®	900 (pulling load in kg)	Self-tailing only (no letter code) 	A: Aluminum; C: Chromed bronze CW: Chromed bronze, white top/skirt	Small cylindrical motor extending 105 mm from beneath base 
 Rewind™ Radial®	40, 46, 60	Self-tailing only (no letter code) 	A: Aluminum; C: Chromed bronze CW: Chromed bronze, white top/skirt	Patented design feeds sheet into & out of self-tailer  Red knob on drum for toggling Rewind and 2-speed modes 
 Classic (1999 - 2009)	PT: 6, 8, 16, 32, 40, 42, 48; ST: 16, 32, 40, 44, 46, 48, 53, 60, 70, 74 	Plain-top (no letter code)  ST: Self-tailing 	A: Aluminum; C/CCS/CCC: Chromed bronze; B/BBB: Polished bronze; SSS: Stainless steel	Sandblasted or knurled drums. 1 piece stripper arm with NO roller in line guide. 
 Classic (1992 - 1999)	PT: 6, 8, 16, 32, 40, 42, 48; ST: 16, 32, 40, 44, 46, 48, 53, 60, 70, 74	Plain-top (no letter code), ST: Self-tailing	A: Aluminum; C: Chromed bronze; B: Polished bronze	Self-tailers have ball bearing roller in the line guide. 
 Racing/ Carbon Fiber	STR: 50, 500, 55, 65, 650, 880, 990, 1111, 1125, 1130, 1135, 1145; TCR: 480, 500, 55, 55, 65, 650, 990, 1130, 1135, 1145 	STR: Self-tailing  TCR: Top-cleating 	R: All aluminum or aluminum with carbon fiber skirt/top	Self-tailing has black carbon or black aluminum stripper arm. Only winches with top cleat option.

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FASTENERS

Radial® Plain-Top				Radial® Self-Tailing				Performa™ Plain-Top				Performa™ Self-Tailing				Classic Plain-Top				Classic Self-Tailing			
Fasteners (SH or HH)				Fasteners (SH or HH)				Fasteners (SH or HH)				Fasteners (SH or HH)				Fasteners (FH)				Fasteners (FH)			
Size	in	mm	Qty	Size	in	mm	Qty	Size	in	mm	Qty	Size	in	mm	Qty	Size	in	mm	Qty	Size	in	mm	Qty
20.2PT	1/4*	M6	5	20ST	1/4*	M6	5	20.2PT	1/4*	M6	5	20ST	1/4*	M6	5	B6	1/4	M6	6	B16ST	1/4	M6	5
35.2PT	1/4*	M6	5	35.2ST	1/4*	M6	5	35.2PT	1/4*	M6	5	35.2ST	1/4*	M6	5	B8	5/16	M8	4	B32.2ST	1/4	M6	5
40.2PT	1/4*	M6	5	40.2ST	1/4*	M6	5	40.2PT	1/4*	M6	5	40.2ST	1/4*	M6	5	B16.2	1/4	M6	5	B40.2ST	1/4	M6	5
46.2PT	5/16	M8	5	46.2ST	5/16	M8	5	46.2PT	5/16	M8	5	46.2ST	5/16	M8	5	B32.2	1/4	M6	5	B44.2ST	5/16	M8	5
50.2PT	5/16	M8	5	50.2ST	5/16	M8	5	50.2PT	5/16	M8	5	50.2ST	5/16	M8	5	B40.2	1/4	M6	5	B46.2ST	5/16	M8	5
				60.2ST	5/16	M8	6					60.2ST	5/16	M8	6					B48.2ST	5/16	M8	6
				70ST	5/16	M8	6					70ST	5/16	M8	6					B53.2ST	5/16	M8	6
				80ST	3/8	M10	8					80ST	3/8	M10	8					B60ST	5/16	M8	6
																				B70ST	3/8	M10	5
																				B74ST	3/8	M10	6

*SH only