



MKIV Under-Deck Furling

The Under-Deck Furler's spool is mounted beneath the deck to minimize windage and provide a clean, uncluttered bow with easy anchor access. The tack of the sail is at deck level, allowing wind to flow smoothly across the sail and bow for efficient forward power. The headstay disconnects from the drum so the lower unit can remain in place. The unit is perfect for performance racers and cruisers who require highly aerodynamic systems and a minimal amount of equipment above deck.

USES

The Harken[®] Under-Deck Furler is a windage-reducing and aesthetically pleasing alternative for performance racers and cruisers.

FEATURES

The furler's unique threaded height adjuster belowdeck enables precise positioning.

The headstay disconnects from the toggle at deck level, leaving the lower unit in place.

Small-diameter drums fit inside narrow bows.

The deck bearing assembly minimizes water entry into the underdeck compartment.

A foil universal joint allows ample headstay sag when sailing downwind.

Two rows of ball bearings between the center hub and deck bearing provide low-friction furling.

MATERIALS

UV stabilized aluminum swivels, line guard, and torque tube are deep-saturation Hard-kote-anodized for strength and durability.

The threaded height adjuster uses dissimilar metals (stainless steel and bronze) to prevent galling.

INSTALLATION

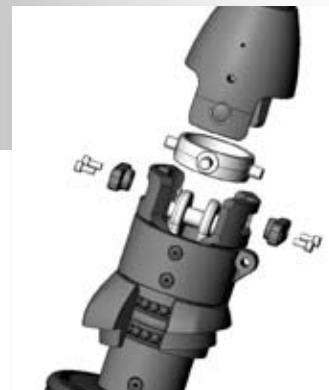
An indexed thread lock on the easy-to-use height adjuster securely clicks into place.

The torque tube houses a full-length turnbuckle for optimal mast rake and tension adjustment.

MAINTENANCE

The headstay disconnects without removing the lower unit, making storage and maintenance easy.

The furler can be flushed clean with detergent water like traditional furlers.



Headstay Toggle with Universal Joint for Foil System



Torque Tube Houses Turnbuckle

Availability

Units 1 and 2: April 2008

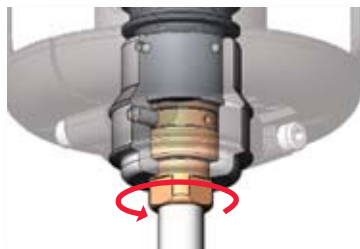
Unit 3: May 2008

MKIV Under-Deck Furling

To order, click here and contact American Rigging Supply, Inc.

HEIGHT ADJUSTMENT ASSEMBLY

The height adjuster of the Harken Under-Deck Furler makes it easy to move the tack swivel to deck level for correct installation. Turning the bronze adjuster with a wrench moves the stud in or out of the hub, raising or lowering the furler. A spring-loaded pin in the adjustment assembly snaps into one of four indents, locking the stud and drum into place. Fine threading on the stud ensures precise height control.



Height Adjuster



EASY REEFING AND FURLING

Independent halyard swivels furl sail center before head and tack for improved sail shape and upwind pointing.



Halyard Swivel

FAST SAIL CHANGES

Aerodynamic foil's double grooves and stainless steel feeder allow fast hoists, douses and sail changes.



Double Groove Foil



Stainless Steel Feeder

MKIV Under-Deck Unit 1

Typical Boat Length 28' - 36' (8.3 - 11 m)

Wire Ø (1 x 19 SS)	Rod Ø	Clevis Pin Ø
1/4", 9/32", 5/16" (6, 7, 8 mm)	-8, -10 (5.72, 6.35 mm)	1/2" (12.7 mm)
Headstay Length Standard 45'11" (13.99 m); max 52'11" (16.12 m)		
Part No.	Description	
7411.11	Under-Deck Furling system	
Optional Parts		
7411.30	Extra 7" (2.13 m) luff foil extrusion	
7411.31	Extra 7" (178 mm) connector with bushings	

MKIV Under-Deck Unit 2

Typical Boat Length 35' - 46' (10.6 - 14.2 m)

Wire Ø (1 x 19 SS)	Rod Ø	Clevis Pin Ø
5/16", 3/8" (8, 10 mm)	-12, -17 (7.14, 8.38 mm)	5/8" (15.9 mm)
Headstay Length Standard 60'4" (18.38 m); max 67'4" (20.51 m)		
Part No.	Description	
7412.11	Under-Deck Furling system	
Optional Parts		
7412.30	Extra 7" (2.13 m) luff foil extrusion	
7412.31	Extra 9" (229 mm) connector with bushings	

MKIV Under-Deck Unit 3

Typical Boat Length 45' - 60' (13.7 - 18.3 m)

Wire Ø (1 x 19 SS)	Rod Ø	Clevis Pin Ø
7/16", 1/2" (11, 12 mm)	-22, -30 (9.53, 11.10 mm)	3/4", 7/8" (19.1, 22.2 mm)
Headstay Length Standard 75'1" (22.88 m); max 82'1" (25.02 m)		
Part No.	Description	
7413.11 3/4	Under-Deck Furling system with 3/4" (19.1 mm) clevis pin	
7413.11 7/8	Under-Deck Furling system with 7/8" (22.2 mm) clevis pin	
Optional Parts		
7413.30	Extra 7" (2.13 m) luff foil extrusion	
7413.31	Extra 9 3/4" (248 mm) connector with bushings	



7411.30
7412.30
7413.30

7411.31
7412.31
7413.31

MKIV Under-Deck Furling

To order, [click here](#) and contact
American Rigging Supply, Inc.

RIGGING AND ACCESSORIES

Stud/eye turnbuckle components are not included and must be purchased separately.

Rod rigging requires Harken® rod adaptor stud.

Order Harken® Lead Blocks and one additional 7403 if necessary. Fits 1" (25mm) stanchions.



Unit 1, 2
7404 Lead Block Kit
(Sold Separately)



349, 2652



088, 131

Recommended Bow Compartment Lead Blocks

Unit	Turning	Thru-Deck
1	349	088
2	2652	131
3	2600/137/097	047



ROD RIGGING
Harken® Rod Adaptor
Stud Required
(Sold Separately)

Rod Adaptor Stud

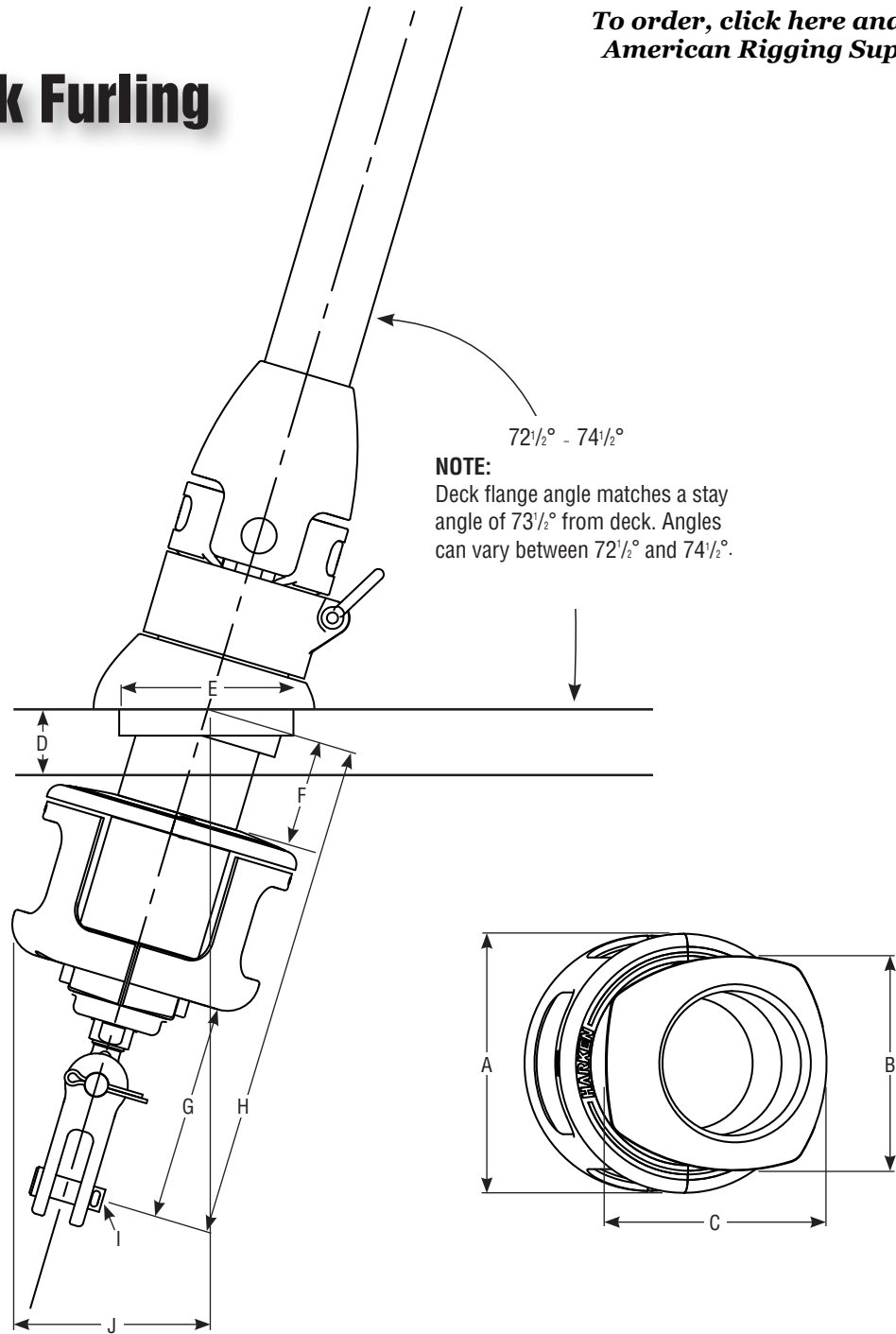
Unit	Part No.
1	7422 -8
	7423 -10
2	7424 -12
	7425 -17
3	7426 -22
	7427 -30



Harken® Jaw/Jaw Toggle mates
with Marine Eye Terminal

MKIV Under-Deck Furling

To order, click [here](#) and contact American Rigging Supply, Inc.



Unit	Part No.	A	B	C	D Max	E	F	G Min	G Max	H Min	H Max	I	J
1	7411.11 1/2	5 1/2" 140mm	4 9/16" 116mm	4 11/16" 119mm	1 1/2" 38mm	3 11/16" 94mm	2 5/16" 58mm	4 5/8" 117mm	9 5/8" 244mm	10 5/8" 270mm	15 5/8" 397mm	1/2" 12.7mm	4 1/8" 105mm
2	7412.11 5/8	6 3/8" 167mm	5 1/16" 129mm	5 1/4" 134mm	1 13/16" 46mm	4 3/16" 106.5mm	2 3/4" 70mm	5 3/8" 137mm	11 3/16" 287mm	12 11/16" 322mm	18 3/16" 471mm	5/8" 15.9mm	5" 127mm
3	7413.11 3/4	8 3/16" 208mm	6 1/2" 166mm	6 3/4" 172mm	2 1/2" 64mm	5 7/16" 138.5mm	3 5/8" 92mm	6 7/8" 175mm	14 3/8" 365mm	16 1/8" 410mm	23 5/8" 600mm	3/4" 19.1mm	6 5/16" 160mm
3	7413.11 7/8	8 3/16" 208mm	6 1/2" 166mm	6 3/4" 172mm	2 1/2" 64mm	5 7/16" 138.5mm	3 5/8" 92mm	7 5/16" 186mm	15" 381mm	16 1/16" 421mm	24 1/4" 616mm	7/8" 22.2mm	6 5/16" 160mm