

STANDING RIGGING - SERENITY

MAIN

STAY	QUANTITY	WIRE	FITTING TOP		FITTING BOTTOM		ADDITIONAL	INSTALLED	NOTES
Head Stay	1	3/8" WS12 15,575 lbs Bought 52', cut off 5'3"	Sta-Lok Eye 133-10 5/8" pin SLEY1220		Stud 136-10 5/8" Thread SLST1220	Strap Toggle UB20-58 TBLH2020-4	Shaeffer Long, Toggle Link SCH2100-22	01/14	Increased wire one size up Need to also order the pin for the eye.
Inner Head Stay	1	9/32" 7mm WS09 9,400 lbs Bought 36', cut off 2.5'	T-Terminal SWTB09-1 Swaged by Sailing Svcs (x1)		Stud RH Long, 176-07 1/2" Thread SLSTL0916 (x1)			11/13	same wire size as previous
Chain Locker	1	7/32" WS07 5,728 lbs 2' x 1	Turnbuckle w/Toggle UB20-38 TBLH1212-4 (x1)	Stud RH 136-55 3/8" thread SLST0712 (x1)	Aircraft Fork SWAF0710 Swaged by Sailing Svcs (x1)			11/13	Turnbuckle we removed was larger. Bought this due to pin size at bottom.
Uppers	2	5/16" 8mm WS10 11,676 lbs 52' x 2 (49' would have been OK)	Sta-Lok eye 133-08-1/2 1/2" pin SLEY1016 (x2)	double jaw toggle DJT16-OS 1/2" pin (x2)	Stud RH 136-08 1/2" thread SLST1016 (x2)	Turnbuckle, LH UB20-12 1/2" pin 1/2" thread TBLH1616-4 (x2)		12/13	Pin hole on chainplate bigger than 1/2". SEE NOTE 1. No retaining bolt on port spreader. Svendsens put in wire to hold the stay. See also Note 3.
Forward Lower	2	9/32" 7mm WS09 9,400 lbs 28' x 2	Sta-Lok eye 133-07 1/2" pin SLEY0916 (X2)	double jaw toggle DJT14-05 1/2" pin (x2)	Stud 136-07 RH thread SLST0916 (x2)	Turnbuckle, LH UB20-12 1/2" pin 1/2" thread TBLH1616 (x2)		07/13	Length is what we bought. Did not pay attention to how much wire was left over!
Foward Upper	2	9/32" 7mm WS09 9,400 lbs 28' x 2	Sta-Lok eye 133-07 1/2" pin SLEY0916 (X2)	double jaw toggle DJT14-05 1/2" pin (x2)	Stud 136-07 RH thread SLST0916 (x2)	Turnbuckle, LH UB20-12 1/2" pin 1/2" thread TBLH1616 (x2)		07/13	Length is what we bought. Did not pay attention to how much wire was left over!
Backstays	2	5/16" 8mm WS10 11,676 lbs 55' x 2	Sta-Lok eye 133-08-1/2 1/2" pin SLEY1016 (x2)	double jaw toggle DJT16-OS 1/2" pin (x2)	Stud RH 136-08 1/2" thread SLST1016 (x2)	Turnbuckle, LH UB20-12 1/2" pin 1/2" thread TBLH1616-4 (x2)	Insulators 143-08 SL SLN10 (X2) Stbd side, see notes	12/13	Upper insulator placed 24' from bottom of eye fitting (24' exposed wire). Second insulator placed after 21' exposed wire. See also note 2 below.
Running Back Stays									

MIZZEN

STAY	QUANTITY	WIRE	FITTING TOP		FITTING BOTTOM		ADDITIONAL	INSTALLED	NOTES
Uppers	2	1/4" WS08 7,481 lbs Bought 38' each side, cut off 3.5'	Sta-Lok Eye 133-06-7/16, 7/16" pin SLEY0814 (x2)	double jaw toggle DJT14-OS 7/16" pin (x2)	Stud RH 136-06 1/2" thread SLST0816 (x2)	Turnbuckle, LH UB20-12 1/2" pin 1/2" thread TBLH1616-4		11/13	Previously 7/32" See also Note 3.
Intermediate	2	1/4" WS08 7,481 lbs Bought 31' each side	Sta-Lok Eye 133-06-7/16, 7/16" pin SLEY0814 (x2)	double jaw toggle DJT14-OS 7/16" pin (x2)	Stud RH 136-06 1/2" thread SLST0816 (x2)	Turnbuckle, LH UB20-12 1/2" pin 1/2" thread TBLH1616-4		01/13	Previously 7/32" Did not note how much cut off from what we bought
Lower	2	1/4" WS08 7,481 lbs Bought 22' each side	Sta-Lok Eye 133-06-7/16, 7/16" pin SLEY0814 (x2)	double jaw toggle DJT14-OS 7/16" pin (x2)	Stud RH 136-06 1/2" thread SLST0816 (x2)	Turnbuckle, LH UB20-12 1/2" pin 1/2" thread TBLH1616-4		01/13	Previously 7/32" Did not note how much cut off from what we bought

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Running Back Stay	2	Amsteel Blue Coated Grey 1/4" SAS12P08G 32' 3" overall, end of eye to end of eye	1/4 Captive D Shackle W1403 (x2)	Thimble 1/4" (x2)	Thimble 1/4" (x2)	1/4 Captive D Shackle W1403 (x2)		11/13	wire before was 7/32" = 6,300 lbs breaking strength. Replaced with Amsteel 1/4" = 8,600 lbs.
Boom Down Haul	1	Amsteel Blue Coated Grey 1/4" SAS12P08G		Thimble 1/4" (x3)				11/13	

OTHER

Life Caulk: White
Red thread seal
1/2" washers

NOTES:

1. Pin hole on stbrd turnbuckle bigger than 1/2". Need to measure both sides to confirm actual size. Maybe go to next bigger size turnbuckle With 5/8" pin the net time we change these out.
2. For SSB Antenna, Rick says total length of isolated cable plus wire from cable to tuner should be appx 9.5 meters. Instructions on internet say combined length should be no shorter thgan 7 meters (22.96 feet) and no longer than 15 meters (49.212 feet).
We have **21 feet of cable, attached to 12 feet of GTO wire for a total of 33' = 10 meter**
3. Spreaders are circular at the tips.