



# SEA-BIRD ELECTRONICS, INC.

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SBE P/N 50113

DATE	REV	REVISION RECORD	AUTH	DR	CHK
11.12.04	A	Changed qty of 23694, 23695, 30210, 30257	CB	KLP	

## SBE 32 1in Frame Spare Hardware Kit

### Miscellaneous Kit Contents

SBE P/N	Manufacturer P/N	Primary SBE Application	QTY
23686	SBE 32 CTD Mount Clamp	CTD Cage to Extension Stand	2
23694	SBE 32 Cage U-Bolt	Extension Stand to Guards	6
23695	SBE 32 Cage Flange	Extension Stand to Guards	6
23920	SBE 32 Small Bail Insulator	Hub to Carousel, Top Guard	2
23921	SBE 32 Small Bail Insulator	Hub to Carousel, Bottom Guard	2
30241	Washer, #6 nylon	For pylon endcap hardware, 6800m	3
30267	Screw ins, #8 x 1/2	Pylon endcap hardware 30154, 30164	2
30294	Screw ins, 1/4 x 1/4	Actuator endcap to hub, 6800m	3
30604	Screw ins, #10 x 1/4	For trigger Hardware 30587	2

### Hardware Kit Contents

SBE P/N	Part Description	Primary SBE Application	QTY
30137	Mach screw 6-32 x 1/4 PH SS	Pylon Ground strap, 6800m housing	1
30154	Mach screw 8-32 x 3/8 PH SS	Pylon Ground strap, 3400m housing	1
30164	Mach screw 8-32 x 1-1/8 PH	Pylon endcap to housing	2
30195	Bolt, 3/8-16 x 1-1/2 Hex SS	CTD cage top bar to extension stand	1
30210	Nut, 3/8-16 nylon stop	Extension stand U-Bolts	12
30231	Nut, 1/2-13 Hex	Pylon hub to top & bottom guards	5
30253	Washer, 1/4 fender	CTD Cage to Extension Stand	2
30257	Washer, 3/8 flat	Extension stand U-Bolts	12
30259	Washer, 1/2 flat/narrow	Pylon bail to cage guards	5
30570	Washer, 1/4 flat	Pylon hub to bale	3
30587	Screw, 10-32 x 3/4 Socket	Trigger mount dick to actuator endcap	2
30588	Screw, 6-32 x 2" PH	Pylon endcap hardware, 6800m	3
30594	Washer, 1/2 split ring	Bale to lower guard	5
30596	Screw, 1/4-20 x 1-1/2 FH	Frame bars to guards	6
30602	Screw, 1/4-20 x 2-1/4 Socket	Hub to actuator endcap	3
30603	Screw, 1/2-13 x 3-1/2 Socket	Adapter plates / hub to guards	4

### SBE Drawings:

N/A: Refer to manuals

### Sea-Bird Electronics Procedure

PROCEDURE NUMBER: 67010

TITLE: SBE PN 50113, SBE32 1in Frame Spare Hardware Kit

REVISION: A

EFFECTIVE DATE: 11/12/2004



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### APPLICATIONS:

#### *Aluminum Pylon Assemblies, 3400m only*

SBE P/N	Part Description	Primary SBE Application	QTY
30154	Mach screw 8-32 x 3/8 PH SS	Pylon Ground strap, 3400m housing	1
30267	Screw ins, #8 x 1/2	Pylon endcap hardware 30154, 30164	2

#### *Aluminum Pylon Assemblies, 6800m only*

SBE P/N	Part Description	Primary SBE Application	QTY
30137	Mach screw 6-32 x 1/4 PH SS	Pylon Ground strap, 6800m housing	1
30241	Washer, #6 nylon	For pylon endcap hardware, 6800m	3

#### *Aluminum Pylon Assemblies, all Aluminum housings*

SBE P/N	Part Description	Primary SBE Application	QTY
30164	Mach screw 8-32 x 1-1/8 PH	Pylon endcap to housing	2
30602	Screw, 1/4-20 x 2-1/4 Socket	Hub to actuator endcap	3
30294	Screw ins, 1/4 x 1/4	Hub and spacer to pylon	3
30570	Washer, 1/4 flat	Hub and spacer to pylon	3
30588	Screw, 6-32 x 2" PH	Pylon Actuator endcap to housing screws	3

#### *Trigger Assemblies*

SBE P/N	Part Description	Primary SBE Application	QTY
30587	Screw, 10-32 x 3/4 Socket	Trigger retainer disk to actuator endcap	2
30604	Screw ins, #10 x 1/4	Insulators for trigger retainer disk screws (30587)	4

#### *Frame Assemblies*

SBE P/N	Part Description	Primary SBE Application	QTY
23686	SBE 32 CTD Mount Clamp	CTD Cage to Extension Stand	2
23694	SBE 32 Cage U-Bolt	Interface Extension Stand to Lower Guard	6
23695	SBE 32 Cage Flange	Interface Extension Stand to Lower Guard	6
23920	SBE 32 Small Bail Insulator	Hub to Carousel, Top Guard	2
23921	SBE 32 Small Bail Insulator	Hub to Carousel, Bottom Guard	2
30195	Bolt, 3/8-16 x 1-1/2 Hex SS	CTD cage top bar to extension stand	1
30210	Nut, 3/8-16 nylon stop	Extension stand U-Bolts; 1 on CTD bolt (30195)	12
30231	Nut, 1/2-13 Hex	Pylon hub to top & bottom guards	5
30253	Washer, 1/4 fender	Used with CTD mounting clamp screws (30602)	2
30257	Washer, 3/8 flat	Extension stand U-Bolts, 2 on CTD mount bolt (30195)	12
30259	Washer, 1/2 flat/narrow	2 on each Hub/Plate/Guard bolt (30603)	5
30594	Washer, 1/2 split ring	1 on each Hub/Plate/Guard bolt (30603)	5
30596	Screw, 1/4-20 x 1-1/2 FH	Frame bars to guards	6
30603	Screw, 1/2-13 x 3-1/2 Socket	Adapter plates / hub to guards	4

***For Assembly Instructions, please refer to you SBE User Manuals.***

#### SBE Drawings:

N/A: Refer to manuals

#### **Sea-Bird Electronics Procedure**

PROCEDURE NUMBER: **67010**

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