REV	SHT	NAVSEA DRAWING NO.	ESWBS
C	1	6872813	499

APPLICATION	
NEXT ASSY	USED ON

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	RELEASED AS REVISION A.	10/5/94	
B	UPDATE OF REVISION A.	3/24/95	
C	UPDATE OF REVISION B.	9/30/99	

NOTES:

1. IDENTIFICATION OF THE SUGGESTED ITEMS HEREON IS NOT TO BE CONSTRUED AS A GUARANTEE OF PRESENT OR CONTINUED AVAILABILITY.
2. SUBSTITUTION OF ITEMS IS NOT ALLOWED WITHOUT APPROVAL OF THE DESIGN ACTIVITY, NAVAL SURFACE WARFARE CENTER, CODE B35.
3. INDIVIDUAL ITEMS SHALL BE PROCURED USING THE VENDOR PART NUMBER.
4. COMPLETE KITS SHALL BE PROCURED USING THE BASE DRAWING NUMBER ONLY.
5. QUANTITIES SHOWN ARE FOR THE INDIVIDUAL ITEMS AND MAY NOT CORRESPOND TO THE QUANTITY SUPPLIED FOR THE VENDOR PART NUMBER LISTED.
6. ITEM 43 IS AN ALTERNATE ITEM FOR ITEM 28. EITHER ITEM 28 OR ITEM 43 IS TO BE PROVIDED.
7. ITEM 26 IS NOT TO BE SUPPLIED WITH COMPLETE KITS.

REV STATUS OF SHEETS	REV	C	C	C	B	A															
	SHEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

DISTRIBUTION STATEMENT A: APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:	CAGE CODE CONTRACT NO.		
FRACTIONS +/- DECIMALS .XX+/- ANGLES .XXX+/- P DO NOT SCALE DRAWING	APPROVED	D. KNUDSEN	9/30/99
	ENGINEER	G. BROWN	9/30/99
	CHECKED	E. BLUEBOND	9/30/99
	PREPARED	G. BROWN	9/30/99
MATERIAL:	ACCEPTED FOR NAVSEA	H. LEWIS	9/30/99
		SIGNATURE DOES NOT DENOTE APPROVAL	
FINISHES:	APPROVED BY NAVSEA	(SIGN ONLY IF ENGINEERING HAS BEEN "PROVED" BY MANUFACTURE AND TEST)	

DEPARTMENT OF THE NAVY
NAVAL SEA SYSTEMS COMMAND
WASHINGTON, D.C. 20362-5101

TOOL KIT, HD CONNECTOR (MIL-C-28876), FIBER OPTIC, NAVY SHIPBOARD

SIZE	CAGE	ESWBS	DRAWING NO.	REV
A	53711	499	6872813	C

SCALE: NONE	UCI	WT GRP	SHEET 1 OF 5

ESWBS 499	NAVSEA DRAWING NO. 6872813	SHT 2	REV C

ITEM NO.	NATIONAL STOCK NUMBER	QTY REQD	(1) COMBINATION OF ADOPTED ITEMS	CAGE CODE	PART OR IDENTIFYING NUMBER
NA	5180 01 416 0567	–	NAVY SHIPBOARD, MIL-C-28876 FIBER OPTIC TOOL KIT, COMPOSED OF:	53711	6872813
1	5120 00 230 6380	1	TORQUE WRENCH, 3/8" DRIVE	55719 08194	TQ12BL 1502 LDIN
2	5120 01 144 5338	1	INSERTION TOOL, TERMINUS	53669 08RC6	1093784S 0701-3820
3	6080 01 377 4502	1	POLISHING PLATE GLASS 6x6x.25	64959 08RC6	105 075 618 0700-4110
4	5120 01 419 2942	1	INSERTION/REMOVAL TOOL, ALIGNMENT SLEEVE	53669 08RC6	TMS16RT008 0701-3901
6	5998 01 147 0198	1	REMOVAL TOOL, TERMINUS	53669 08RC6	TMF16RT006 0701-3850
7	5110 01 419 4360	1	CLEAVER, FIBER OPTIC	08RC6 23975	0700-3750 58905-600
8	5110 01 419 3137	1	CABLE JACKET STRIPPING TOOL	5Z102 1EZR2	PA 1820 200-009
9	5110 01 419 4361	1	STRIP TOOL, BUFFER	59984 08RC6	MS1-08S-40-FS 0700-3070
10	5110 00 246 0975	1	STRIPPER, OFCC, 18 AWG (.0395)	75347 64959	11045 104 278 478
11	6230 01 419 5898	1	FLASHLIGHT	62576 7J761	230 1900C
12	5120 00 725 7347	1	SCALE 6"	81348 32445	GGG-R-79 SS-6
13	6635 01 232 9536	1	TWEEZERS	32218 7J671	GTP-293 605268
14	6540 01 443 7953	1	SPECTACLES, NYLON UTILITY FLEX HEAD	75347 7J761	60050 TK110
15	5120 01 145 5172	1	INSERTION TOOL 90 deg	53669 08RC6	1143042-2S 0701-3810

SIZE	CAGE	ESWBS	DRAWING NO.	REV
A	53711	499	6872813	C
SCALE: NONE	UCI	WT GRP	SHEET 2	

REV C | SHT 3 | NAVSEA DRAWING NO. 6872813 | ESWBS 499

ITEM NO.	NATIONAL STOCK NUMBER	QTY REQD	(1) COMBINATION OF ADOPTED ITEMS	CAGE CODE	PART OR IDENTIFYING NUMBER
16	5110 01 419 5283	1	SHEARS, KEVLAR CUTTING	71827 0KN34	86 1/2S 744
17	5120 01 419 3730	1	CRIMP TOOL	53669 08RC6	1143130-9S 0701-2001
18	5120 01 419 3142	1	POLISHING TOOL	53669 08RC6	4568334H-3 0701-4100
19	NONE	-	CURING OVEN ASSEMBLY COMPOSED OF:	08RC6	0701-4000
	4430 01 419 6384	1	CURING OVEN	08RC6	0701-4010
	6070 01 420 7682	1	HEATER BLOCK	08RC6	0701-4020
	6070 01 420 0522	16	CURE ADAPTERS	08RC6	0701-4050
	6070 01 430 4607	1	CABLE STAND	08RC6	0701-4030
	5365 01 420 3692	1	CABLE STAND RING	08RC6	0701-4040
	5340 01 422 2168	2	CABLE CLIPS	08RC6	0701-4060
20	8125 01 439 5367	1	DISPENSER, SOLVENT 4 oz, LEAK PROOF	33092	3714
21	6650 00 994 6883	1	EYE LOUPE 7X FOR VIEWING FIBER	06175 4M564	6542039 ELP-174 10X
22	7920 01 321 6791	25	CLOTH CLEANING, WHITE	21994 54700	TX404 TECH 2351-100
23	5350 01 376 9388	25	POLISHING PAPER, 1 MICRON ALUMINUM OXIDE. MYLAR BACK SHEET, 5.5"x5.5" MIN	64959 41946	105 076 798 915-01-301
24	5350 01 420 1454	25	POLISHING PAPER, 5 MICRON ALUMINUM OXIDE. FOAM BACK SHEET, 5.5"x5.5" MIN	64959 41946	105 488 175 915-05-604
25	8040 01 421 3510	6	EPOXY, BI-PACK, MIL-A-24792	64959 22835	105 489 355 F112
26	6505 00 205 6513	1	ALCOHOL, ISOPROPYL, 99% PURE ANHYDROUS	61757	NDC00395-1243-16
27	5120 01 438 6563	5	SYRINGE W/TWIST ON DISPENSING NEEDLES, 3mL CAPACITY FOR DISPENSING EPOXY	0HLY3 08RC6	FT3ML 0700-5100

SIZE	CAGE	ESWBS	DRAWING NO.	REV
A	53711	499	6872813	C
SCALE: NONE	UCI	WT GRP	SHEET 3	

REV B	SHT 4	NAVSEA DRAWING NO. 6872813	ESWBS 499

ITEM NO.	NATIONAL STOCK NUMBER	QTY REQD	(1) COMBINATION OF ADOPTED ITEMS	CAGE CODE	PART OR IDENTIFYING NUMBER
28	NONE	–	MICROSCOPE, 400X, COMPOSED OF:	–	–
	6650 01 420 0232	1	MICROSCOPE BODY WITH IR FILTER	OF735	31 22 70
	6650 01 420 0231	1	20X EYEPIECE	OF735	31 22 73
	6650 01 420 0233	1	20X OBJECTIVE	OF735	31 22 82
	6070 01 421 1234	1	CONNECTOR MOUNT, 1/18"–1/4"	OF735	31 22 85
	6240 00 155 7786	1	INCANDESCENT LAMP	08806	PR2
29	5120 01 355 1622	1	SOCKET, SOCKET WRENCH 1/4" HEX ADAPTER FOR 3/8" DRIVE	55719 25795	FS081 1AK82
30	8125 01 428 8839	1	WATER BOTTLE, 4oz SQUEEZE, W/CAP	5X927 08RC6	41115LE 0700–9700
31	6838 01 038 4517	1	CANNED AIR	21267 09ZF6	ES1220 3507
32	9505 01 376 9398	1	125 uM CONNECTOR CLEANING WIRE (3 EA) W/CONTAINER	OHLY3 08RC6	F1–8265 0700–3210
33	NONE	1	TOOLKIT CASE, MULTIPLE REMOVABLE TERMINI, FIBER OPTIC, NAVY SHIPBOARD	08RC6	0701–7100
34	5120 01 419 3283	1	BACKSHELL WRENCH, C–TYPE	53669 08RC6	4569109H 0701–3520
35	5120 01 420 2445	1	DUAL–POST, TORQUE WRENCH ADAPTER, SHELL SIZE 11	53669 08RC6	4569744–4H 0701–3530
36	5120 01 420 2444	1	TRI–POST, TORQUE WRENCH ADAPTER, SHELL SIZE 13	53669 08RC6	4569744–5H 0701–3540
37	5120 01 420 2446	1	TRI–POST, TORQUE WRENCH ADAPTER, SHELL SIZE 15	53669 08RC6	4569744–6H 0701–3550
38	5120 01 424 7866	1	O–RING INSTALLATION TOOL SHELL SIZE 11	53669 08RC6	1143212–6S 0701–3560
39	5120 01 424 7867	1	O–RING INSTALLATION TOOL SHELL SIZE 13	53669 08RC6	1143212–7S 0701–3570
40	5120 01 424 7868	1	O–RING INSTALLATION TOOL SHELL SIZE 15	53669 08RC6	1143212–8S 0701–3580

SIZE	CAGE	ESWBS	DRAWING NO.	REV
A	53711	499	6872813	B
SCALE: NONE	UCI	WT GRP	SHEET 4	

REV A	SHT 5	6872813	NAVSEA DRAWING NO.	ESWBS 499

ITEM NO.	NATIONAL STOCK NUMBER	QTY REQD	(1) COMBINATION OF ADOPTED ITEMS	CAGE CODE	PART OR IDENTIFYING NUMBER
41	NONE	3	POLISHING PAPER, DIAMOND, MYLAR BACKED, 0.1 MICRON	41946	903-0.1SP
42	NONE	1	RESILIENT PAD, 70 TO 90 DUROMETER	76381 41946	78 8073 7525 4 960-00071
43	NONE	–	ALTERNATE MICROSCOPE, 400X, COMPOSED OF:	–	0700-8601
	NONE	1	MICROSCOPE BODY WITH IR FILTER	08RC6	0700-8612
	6650 01 420 0231	1	20X EYEPIECE	08RC6	0700-8631
	6650 01 420 0233	1	20X OBJECTIVE	08RC6	0700-8652
	NONE	1	INCANDESCENT LAMP	08RC6	0700-8675

SIZE	CAGE	ESWBS	DRAWING NO.	REV
A	53711	499	6872813	A
SCALE: NONE	UCI	WT GRP	SHEET 5	