

SPECIAL PACKAGING INSTRUCTION

Form Approved
OMB No. 0704-0188

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1. PART OR DRAWING NO. (CAGE) NOMENCLATURE 57K4216 (19207) MOD. KIT, LWR. FUEL CELL CNVRSN.			2. CAGE 19207	3. SPI NO. AK 15047397
4. NATIONAL STOCK NO. 2910-01-504-7397			5. DATE October 23, 2003	6. REVISION
7. QUP 1 EA.	8. ICQ SEE NOTE	9. UNIT PACK WT (LB.) 4.0	10. UNIT PACK CU (CU. FT.) 0.433	11. UNIT PACK SIZE (INCHES) 22.5 X 9.3 X 8.8
12. MILITARY PRESERVATION (METHOD) SEE BLOCK 17		18. STEPS	19. REQ'D	20. DESCRIPTION SEE BLOCK 17
13. CLEANING SEE BLOCK 17				
14. DRYING SEE BLOCK 17				
15. PACKING				
a. LEVEL A MIL-STD-2073-1 & NOTE L				
b. LEVEL B MIL-STD-2073-1 & NOTE L				
16. MARKING MIL-STD-129				

17. NOTES/DRAWING

A. QUALITY ASSURANCE

1. INSPECT PRESERVATION AND UNIT PACK IN ACCORDANCE WITH (IAW) MIL-STD-2073-1
2. INSPECT THE PACKING IAW MIL-STD-1186 AND THE APPLICABLE CONTAINER SPECIFICATION.

B. THIS KIT CONTAINS ITEMS LISTED ON DRAWING 57K4216, CAGE 19207. FOR PACKAGING, THE ITEMS SHALL BE SEGREGATED AS SHOWN BELOW.

<u>QTY.</u>	<u>NOMENCLATURE</u>	<u>PART NUMBER</u>	<u>CAGE</u>	<u>SEGREGATED PACK</u>
1	ELBOW	MS51521B6	96906	1
6	WASHER, STRAP ADJUST.	10910174-22	19207	2
1	STRAP, TIEDOWN	SAE-AS33671-7	81343	3
2	SCREW	B1821BH038C138N	80204	4
1	SCREW	B1821BH025C063N	80204	5
1	SCREW	B1821BH038C100N	80204	6
5	SCREW	MS51849-75	96906	7
5	WASHER	MS51414-3	96906	8
5	WASHER	MS27183-8	96906	9
20	SCREW	B1821BH025C056N	80204	10
1	SCREW	B1821BH038C113N	80204	11
1	HOSE ASSEMBLY	12361582	19207	12
3	PAD, SHIM	12361565-3	19207	13
1	PRINT, MOD. KIT-57K4216			14
1	PRINT, INSTL. INSTR. DWG. -12389664			15
1	STRAP	12361461	19207	16
2	GASKET, PUMP	10922277	19207	17
1	GASKET, TRANSMITTER	10910003	19207	18

SPECIAL PACKAGING INSTRUCTION *(Continuation Sheet)*

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17. NOTES/DRAWING

<u>QTY.</u>	<u>NOMENCLATURE</u>	<u>PART NUMBER</u>	<u>CAGE</u>	<u>SEGREGATED PACK</u>
1	HOSE, PREFORMED	10925761	19207	19
2	PAD	10895710-20	19207	20

C. PREPARE THE FOLLOWING LISTED ITEMS IAW THE STEPS BELOW.

1 EA.	ELBOW	MS51521B6
6 EA.	WASHER, STRAP ADJUST.	10910174-22
1 EA.	STRAP, TIEDOWN	SAE-AS33671-7
2 EA.	SCREW	B1821BH038C138N
1 EA.	SCREW	B1821BH025C063N
1 EA.	SCREW	B1821BH038C100N
5 EA.	SCREW	MS51849-75
5 EA.	WASHER	MS51414-3
5 EA.	WASHER	MS27183-8
20 EA.	SCREW	B1821BH025C056N
1 EA.	SCREW	B1821BH038C113N

STEPS	SPECIFICATIONS
1 BAG	MIL-DTL-117, TYPE III, CL ASS B, STYLE 2 (4 MIL) SIZE: 3 X 4 (11) BAGS REQUIRED HEAT SEAL BAG
2 IDENTIFY	IDENTIFY BAGS WITH SEGREGATED PACK NUMBERS (1) THROUGH (11) RESPECTIVELY.
3 INSPECT	INSPECT SEGREGATED PACKS IAW METHOD 31.

D. PREPARE 1 EA., HOSE ASSEMBLY, 12361582 IAW THE STEPS BELOW.

STEPS	SPECIFICATIONS
1. PREPARE	COIL HOSE ASSEMBLY TO 10 IN. DIAMETER
2. BAG	MIL-DTL-117, TYPE III, CLASS B, STYLE 2 (4 MIL) SIZE: 11 X 12 HEAT SEAL BAG
3. IDENTIFY	IDENTIFY BAG WITH SEGREGATED PACK NUMBER (12)
4. INSPECT	INSPECT SEGREGATED PACK IAW METHOD 31.

E. PREPARE THE FOLLOWING LISTED ITEMS IAW THE STEPS BELOW.

3 EA.	PAD, SHIM - 12361565-3
1 EA.	PRINT, MOD. KIT-57K4216
1 EA.	PRINT, INSTL. INSTR. DWG.-12389664

STEPS	SPECIFICATIONS
1 BAG	MIL-DTL-117, TYPE III, CLASS B, STYLE 2 (4 MIL) SIZE: 11 X 14 (3) BAGS REQUIRED HEAT SEAL BAG
2 IDENTIFY	IDENTIFY BAGS WITH SEGREGATED PACK NUMBERS (13) THROUGH (15) RESPECTIVELY.
3 INSPECT	INSPECT SEGREGATED PACKS IAW METHOD 31.

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1. PART OR DRAWING NO. (CAGE) NOMENCLATURE

57K4216 (19207) MOD. KIT, LWR. FUEL CELL CNVSN.

2. CAGE

19207

3. SPI NO.

AK 15047397

4. NATIONAL STOCK NO.

2910-01-504-7397

5. DATE

October 23, 2003

6. REVISION**17. NOTES/DRAWING**

F. PREPARE (1) EA., STRAP, 12361461 IAW THE STEPS BELOW.

STEPS

- 1 CUSHIONING
- 2 BAG
- 3 IDENTIFY
- 4 INSPECT

SPECIFICATION

A-A-1051 SIZE: 16 X 25
 MIL-DTL-117, TYPE III, CLASS B, STYLE 2 (4 MIL)
 SIZE: 8 X 26 HEAT SEAL BAG
 IDENTIFY BAG WITH SEGREGATED PACK NUMBER (16)
 INSPECT SEGREGATED PACK IAW METHOD 31.

G. PREPARE (2) EA., GASKET, PUMP, 10922277, IAW THE STEPS BELOW.

STEPS

- 1 STIFFENER
- 2 BAG
- 3 IDENTIFY
- 4 INSPECT

SPECIFICATION

ASTM D4727, TY CF, CL DOM SIZE: 7-1/2 X 7-1/2 (2 REQD.)
 PLACE ITEM BETWEEN STIFFENERS AND SECURE WITH (4) PCS.
 OF A-A-883 TAPE
 MIL-DTL-117, TYPE III, CLASS B, STYLE 2 (4 MIL)
 SIZE: 9 X 10 HEAT SEAL BAG
 IDENTIFY BAG WITH SEGREGATED PACK NUMBER (17)
 INSPECT SEGREGATED PACK IAW METHOD 31.

H. PREPARE (1) EA., GASKET, TRANSMITTER, 10910003, IAW THE STEPS BELOW.

STEPS

- 1 STIFFENER
- 2 BAG
- 3 IDENTIFY
- 4 INSPECT

SPECIFICATION

ASTM D4727, TYPE CF, CLASS DOM SIZE: 3 X 3 (2 REQD.)
 PLACE ITEM BETWEEN STIFFENERS AND SECURE WITH (4) PCS.
 OF A-A-883 TAPE
 MIL-DTL-117, TYPE III, CLASS B, STYLE 2 (4 MIL)
 SIZE: 4 X 5 HEAT SEAL BAG
 IDENTIFY BAG WITH SEGREGATED PACK NUMBER (18)
 INSPECT SEGREGATED PACK IAW METHOD 31.

I. PREPARE (1) EA., HOSE, PREFORMED, 10925761, IAW THE STEPS BELOW.

STEPS

- 1 BAG
- 2 IDENTIFY
- 3 INSPECT

SPECIFICATIONS

MIL-DTL-117, TYPE III, CLASS B, STYLE 2 (4 MIL)
 SIZE: 7 X 10 HEAT SEAL BAG
 IDENTIFY BAG WITH SEGREGATED PACK NUMBER (19)
 INSPECT SEGREGATED PACK IAW METHOD 31.

J. PREPARE (1) EA. PAD, 10895710-20

STEPS

- 1 BAG
- 2 IDENTIFY
- 3 INSPECT

SPECIFICATIONS

MIL-DTL-117, TYPE III, CLASS B, STYLE 2 (4 MIL)
 SIZE: 7 X 17 HEAT SEAL BAG
 IDENTIFY BAG WITH SEGREGATED PACK NUMBER (20)
 INSPECT SEGREGATED PACK IAW METHOD 31.

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17. NOTES/DRAWING

K. CONSOLIDATE ITEMS PREPARED IN NOTES (C) THROUGH (J) IAW THE STEPS BELOW.

STEPS

1. CONTAINER
2. CLOSURE
3. IDENTIFY
4. INSPECT

SPECIFICATIONS

ASTM D5118, TYPE CF, STYLE RSC, GRADE 200, CLASS WR
SIZE: 8-1/2 X 9 X 22
ASTM D1974, METHOD 2B3
ATTACH A PACKING LIST TO THE UNIT PACK IAW MIL-STD-129. ON
THE PACKING LIST, IDENTIFY THE CONTENTS OF EACH
SEGREGATED PACK TOGETHER WITH ITS SEGREGATED PACK
NUMBER.
INSPECT THE UNIT PACK IAW METHOD 10

L.. INTERMEDIATE CONTAINER SHALL BE IAW TYPE CF AND CLASS WR OF ASTM D1974. INTERMEDIATE CONTAINER QUANTITY SHALL BE 8.

M. PACKING:

LEVEL A. PACKING SHALL BE ACCOMPLISHED USING EITHER CLEATED-PLYWOOD BOXES, OVERSEAS TYPE, CONFORMING TO PPP-B-601 OR NAILED WOOD BOXES CONFORMING TO PPP-B-621, CLASS 2.

LEVEL B. PACKING SHALL BE ACCOMPLISHED USING; FIBERBOARD BOXES, WEATHER-RESISTANT CLASS, CONFORMING TO ASTM D 5118 OR TRIPLEWALL, CORRUGATED FIBERBOARD BOXES, CLASS 2, CONFORMING TO ASTM D5168; OR PALLET BASE CONTAINERS, TYPE III, CONFORMING TO MIL-B-43666. CLOSURE, SEALING, AND REINFORCEMENT SHALL BE IAW SPECIFIC, APPLICABLE METHODS OF ASTM D1974, OR AS REFERENCED IN THE CONTAINER SPECIFICATION.

GUIDANCE ON PALLETIZED UNIT LOADS FOR MILITARY / GOVERNMENT SHIPPERS IS SHOWN IN MIL-HDBK-774.