

**SPECIAL PACKAGING INSTRUCTION**

Form Approved  
OMB No. 0704-0188

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The public reporting burden for this collection of information is estimated to average 30 days per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Department of Defense, Executive Services and Communications Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE ABOVE ORGANIZATION.

1. PART OR DRAWING NO. (CAGE) NOMENCLATURE 320001006A45150 (3D6E9) DIFFERENTIAL ASSY		2. CAGE 19207		3. SPI NO. AK15925815	
4. NATIONAL STOCK NO. 2520-01-592-5815		5. DATE 1/4/2011		6. REVISION	
7. QUP 1 EACH	8. ICQ NONE	9. UNIT PACK WT (LB.) 320.0	10. UNIT PACK CU (CU. FT.) 14.676	11. UNIT PACK SIZE (INCHES) 29.0 X 27.5 X 31.8	
12. MILITARY PRESERVATION MIL-STD-2073-1D, METHOD 43		18. STEPS	19. REQD	20. DESCRIPTION	
13. CLEANING MIL-STD-2073-1D & NOTE B		1-C	A/R	PRESERVATIVE: MIL-PRF-32033	
		2-D	1	WRAP: MIL-PRF-121, TY II, SIZE: 36 X 72	
14. DRYING MIL-STD-2073-1D & NOTE B		3-E	2	BLOCKING/BRACING: ASTM-D6199, SIZE: 1 X 6 X 22	
		4-F	1	CUSHIONING: A-A-59135, CL 1, GR A, SIZE: 36 X 72	
15. PACKING		5-G	1	ENVELOPE: MIL-DTL-6060E, SIZE: 48 X 96	
		6-H	1	CONTAINER: ASTM-D6880, CL 2, ST 7, MODIFIED	
a. LEVEL A MIL-STD-2073-1D & NOTE I				SIZE: 26 X 26 X 26	
b. LEVEL B NOT APPLICABLE					
16. MARKING MIL-STD-129 & NOTE J					

17. NOTES/DRAWING

- A. INSPECT, PRESERVATION, UNIT PACK, AND PACKING IN ACCORDANCE WITH MIL-STD-2073-1D AND THE APPLICABLE CONTAINER SPECIFICATION.
- B. CLEAN AND DRY ITEMS BY ANY SUITABLE PROCESS BEFORE APPLICATION OF PACKAGING MATERIALS.
- C. SPRAY ALL UNPAINTED, UNPLATED METALLIC SURFACES WITH PRESERVATIVE, DRAIN EXCESS.
- D. WRAP DIFFERENTIAL IN PAPER, SECURE WITH TAPE ASTM-D6123.
- E. LUMBER SIZES ARE NOMINAL UNLESS OTHERWISE SPECIFIED, SECURE APPLICABLE BLOCKING TOGETHER AND/OR TO THE INTERIOR OF THE CONTAINER USING NAILS/STAPLES CONFORMING TO ASTM-F1667, SEE PAGES 2 THROUGH 4 FOR BLOCKING SIZES AND ORIENTATION.
- F. APPLY CUSHIONING AROUND THE DIFFERENTIAL TO PREVENT PUNCTURING THE BARRIER MATERIAL AND THE ENVELOPE. SECURE WITH TAPE ASTM-D6123.
- G. ADHERE GASKETS TO BOTH SIDES OF BARRIER ENVELOPE AT MOUNTING HOLE LOCATIONS USING WATER- RESISTANT ADHESIVE. AFTER POSITIONING BARRIER OVER THREADED RODS AND BOLTS, A SUFFICIENT QUANTITY OF ADHESIVE SHALL BE APPLIED AROUND THE THREADED ROD AND GASKET TO PROVIDE AN AIR TIGHT SEAL. CLOSE AND HEAT SEAL THE SIDES AND TOP OF THE BARRIER ENVELOPE, ELIMINATE EXCESS AIR TO COMPLETE WATERVAPORPROOF METHOD 43.
- H. CONTAINER IS MODIFIED TO ALLOW FOR 2X DECKING IN ACCORDANCE WITH ASTM-D6880. CLOSE CONTAINER IN ACCORDANCE WITH ASTM-D6880.
- I. THE UNIT CONTAINER IS THE SHIPPING CONTAINER.

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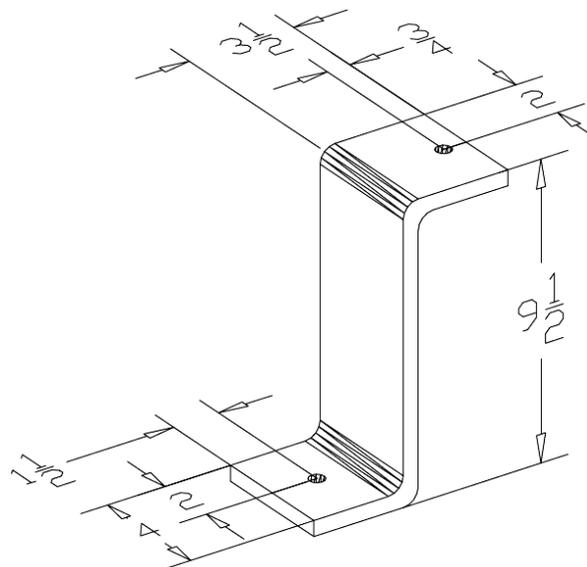
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- J. IN ADDITION TO MIL-STD-129 MARKINGS, THE UNIT CONTAINER SHALL BE MARKED ON THE TOP AND ONE SIDE WITH MINIMUM 1/2 IN HIGH BLACK LETTERS "REUSABLE CONTAINER, DO NOT DESTROY." IN ADDITION THE TOP AND ONE SIDE SHALL BE MARKED "REMOVE SCREWS TO OPEN CONTAINER" USING MINIMUM 1/2 IN HIGH BLACK LETTERS.

ITEM	SIZE	QTY	REFERENCE
A	1 X 6 X 22	2	ASTM-D6199
B	24 X 24 GASKET	2	MIL-DTL-6060E
	36 X 72 X 1/4" THICKNESS	1	A-A-59135, CL 1, GR A
	36 X 72 PAPER	1	MIL-PRF-121, TY II
C	48 X 96 ENVELOPE	1	MIL-PRF-131
	26 X 26 X 26 CRATE	1	ASTM-D6880, CL 2, ST 7
D	9-1/2 "S" BRACKETS	3	BRACKETS ARE MADE FROM 3/8" THICK COMMERCIAL GRADE FLAT STOCK. BRACKETS SHALL BE FORMED BY BENDING NOT WELDING.
E	1/2" X 4" HARDWARE SET	3	HARDWARE SET CONSISTS OF: 1PC 1/2" X 4" CARRIAGE BOLT, 1PC 1/2" FLAT WASHER, 1PC 1/2" LOCK WASHER & 1PC 1/2" NUT
F	1/2" X 2" HARDWARE SET	3	HARDWARE SET CONSISTS OF: 1PC 1/2" X 2" HEXHEAD BOLT, 2PC 1/2" FLAT WASHER, 1PC 1/2" LOCK WASHER & 1PC 1/2" NUT

**"S" BRACKET (ITEM D) QUANTITY 3**



**NOTE:** ALL HOLES PICTURED ARE 1/2 INCH DIAMETER

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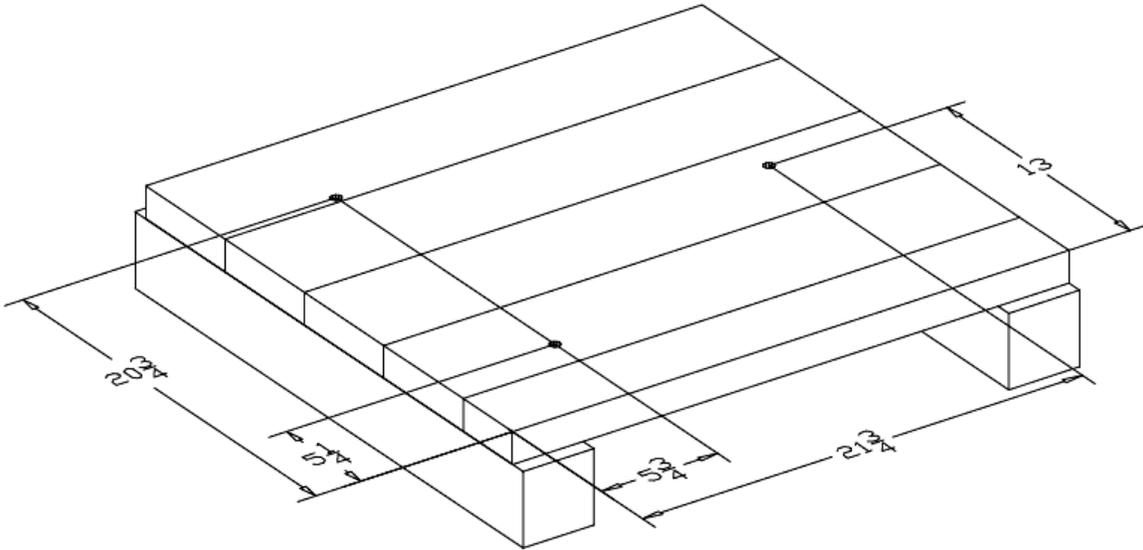
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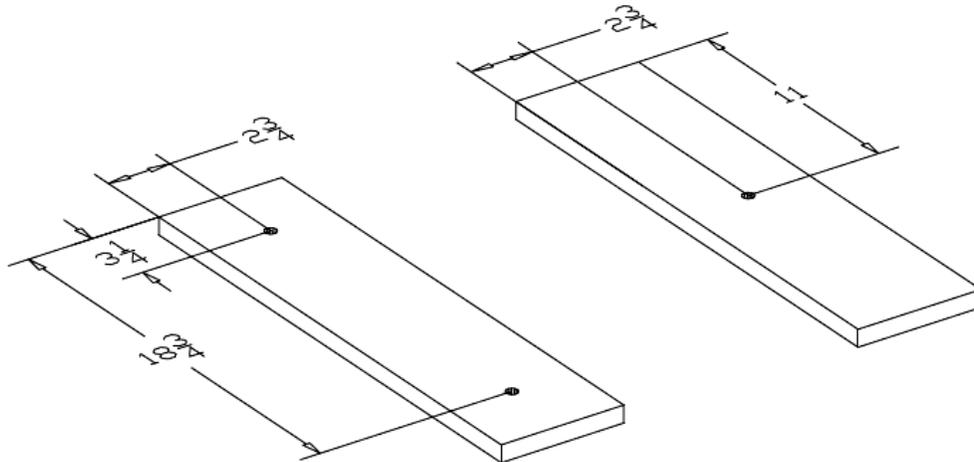
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**BASE HOLE LOCATIONS**



**BLOCKING (ITEM A) HOLE LOCATIONS**



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