

TECHNICAL MANUAL

**DIRECT SUPPORT AND GENERAL SUPPORT
MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS**

FOR

**SHELTER SYSTEM, COLLECTIVE PROTECTION,
CHEMICAL-BIOLOGICAL:
INFLATABLE, TRAILER-TRANSPORTED, M51
(NSN 4240-00-854-4144)**

**HEADQUARTERS, DEPARTMENT OF THE ARMY
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Current as of July 1975

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual direct to: Commander, US Army Armament Materiel Readiness Command, ATTN: DRSAR-MAS-C, Aberdeen Proving Ground, MD 21010.

A reply will be furnished to you.

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assembly. A "V" appearing in this column in lieu of a quantity indicates that no specific quantity is applicable, (e. g., shims, spacers, etc).

4. Special Information

a. Detailed manufacturing instructions for items source coded to be manufactured or fabricated are found in TM 3-4240-264-12 and TM 3-4240-264-34. Bulk materials required to manufacture items are listed in the Bulk Material Group of this manual.

b. Detailed assembly instructions for items source coded to be assembled are found in TM 3-4240-264-12 and TM 3-4240-264-34. Assembly components are listed immediately following the item to be assembled.

d. Action change codes indicated in the left-hand margin of the listing page denote the following

- N**— Indicates an added item.
- C**— Indicates a change in data.
- R**— Indicates a change in NSN only.

e. The following publications pertain to the M51 Shelter System and its components

- TM 3-4240-264-12 Operator's and Organizational Maintenance Manual
- TM 3-4240-264-20P Organizational Maintenance Repair Parts and Special Tools Lists Manual
- TM 3-4240-264-34 Direct Support and General Support Maintenance Manual

5. How to Locate Repair Parts

a. *When National Stock Number or Part Number is Unknown:*

(1) *First.* Using the table of contents, determine the functional group or subgroup within which /the repair part belongs. This is necessary since illustrations are prepared for functional groups and subgroups, and listings are divided into the same groups.

(2) *Second.* Find the illustration covering the functional group or subgroup to which the repair part belongs.

(3) *Third.* Identify the repair part on the illustration and note the illustration figure and item number of the repair part.

(4) *Fourth.* Using the Repair Parts Listing, find the figure and item number noted on the illustration.

b. *When National Stock Number or Part Number is Known:*

(1) *First.* Using the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is in ascending NSN sequence followed by a list of part numbers in ascending alphameric sequence, cross-referenced to the illustration figure number and item number.

(2) *Second.* After finding the figure and item number, locate the figure and item number in the repair part list.

6. Abbreviations

<i>A</i>	<i>Explanation</i>
AMP	— Ampere
AWG	— American wire gage
C-B	— Chemical-Biological
CRES	— Corrosion resistant steel
ECU	— Evacuation control unit
EXT	— External
GP	— Gas-particulate
HP	— Horsepower
INT	— Internal
MFD	— Manufactured
MM	— Millimeter
MOD	— Modified
MTG	— Mounting
NOM	— Nominal
NPTF	— National pipe thread female
NPTM	— National pipe thread male
PG	— Package
PSI	— Pounds per square inch
RFI	— Radio frequency interference
RO	— Roll
SE	— Set
SH	— Sheet
SL	— Spool
SQ	— Square
SX	— Stick
THD	— Thread
THK	— Thick
TU	— Tube
UF	— Microfarad
V	— Volt
W	— Width

7. Recommendations for Maintenance Publications Improvements

Deleted.

SECTION II. REPAIR PARTS LIST

(1) ILLUS FIG NO.	(2) ITEM NO.	(3) SMR CODE	(3) NATIONAL STOCK NUMBER (NSN)	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	(7) USABLE ON CODE	(8) QTY INC IN UNIT
GROUP: 0100 TRAILER COVER AND SHELTER CASE								
1	1	PACOF	4240-00-180-5263	E5-19-6567	81361	COVER, TRAILER, CONTOURED	EA	1
1	2	PACOF	4240-00-831-8040	E5-19-5231	81361	CASE, INFLATABLE SHELTER	EA	1
1	3	PAOZZ	5325-00-231-6586	MS20230BS4	96906	GROMMET, METALLIC	EA	4
1	4	XBOZZ		C5-19-5054	81361	BAR ASSEMBLY, TRANSPORT	EA	2
1	5	XAOZZ		B5-19-5038	81361	TUBE, ALUMINUM	EA	2
1	6	XAOZZ		C5-19-5034	81361	EXTENSION, HANDLE	EA	4
GROUP: 0200 INFLATABLE SHELTER AND ENTRANCE								
SUBGROUP: 0201 INFLATABLE SHELTER								
2	1	PACOF	4240-00-152-1304	E5-19-5178	81361	SHELTER, INFLATABLE, C-B SHELTER SYSTEM	EA	1
2	2	PACZZ	4240-00-497-5255	C5-19-6551	81361	CAP ASSEMBLY, AIR DUCT	EA	1
2	3	PACZZ	5305-00-989-7434	MS35207-263	96906	SCREW, MACHINE: NO. 10-32UNF-2A, 1/2 IN. LG	EA	16
2	4	PACZZ	5310-00-934-9751	MS35650-302	96906	NUT, PLAIN, HEXAGON: NO. 10-32UNF-2B	EA	16
2	5	PACZZ	5310-00-576-5752	MS35333-39	96906	WASHER, LOCK: NO. 10 NOM SIZE	EA	32
2	6	PACZZ	4240-00-762-1173	D5-19-4875	81361	PLATE, MOUNTING, AIR DUCT	EA	2
2	7	XBCZZ		D5-19-4876-1	81361	RING, REINFORCING	EA	2
2	8	PACOF	4720-00-922-0010	E5-19-5234	81361	HOSE, AIR DUCT	EA	1
2	9	PAFZZ	4240-00-497-5235	C5-19-5207	81361	COVER ASSEMBLY, EVACUATION OUTLET	EA	8
2	10	PACZZ	5340-00-409-6837	MLV91003	98625	COUPLING, CLAMP, GROOVED	EA	8
2	11	MOCZZ		E5-19-5178-21	81361	GUY LINE: 10 FT 4 IN. LG MFD FROM NSN 4020-00-201-5632	EA	4
2	12	MOCZZ		E5-19-5178-19	91361	ANCHOR LINE: 6 FT 6 IN. LG MFD FROM NSN 4020-00-201-5632	EA	10
2	13	PACOF	4240-00-831-8028	E5-19-5185	81361	WALL SECTION, REMOVABLE	EA	1
2	14	XAFZZ		C5-19-5187	81361	CONNECTOR ASSEMBLY, INFLATION	EA	1
2	15	PAOZZ	4730-00-908-6292	MS35842-14	96906	CLAMP, HOSE: 2-9/16 IN. TO 3-1/2 IN. DIA RANGE	EA	1
2	16	PAOZZ	4240-00-003-8312	BSP4-407-18	13214	EXHAUST FITTING, MALE	EA	1