

**NOT MEASUREMENT
SENSITIVE**

**MIL-PRF-63034B(TM)
20 April 1998**

**SUPERSEDING
MIL-M-63034A(TM)
27 JUNE 1985**

PERFORMANCE SPECIFICATION BULLETINS, TECHNICAL: WARRANTY, PREPARATION OF

This specification is approved for use by the Department of the Army and is available for use by all Departments and Agencies of the Department of Defense.

1. SCOPE.

1.1 Scope. This specification contains requirements for the preparation of warranty technical bulletins (WTBs).

1.2 Purpose. WTBs provide guidelines for warranty control officers and user activities on how to manage and apply warranties in full.

1.3 Application. This specification is only applicable to WTBs for Army materiel acquired under the Army Warranty Program. A WTB may be applicable to an equipment system or may be consolidated to cover a multiple number of equipment systems as determined by the contracting activity.

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be used in improving this document should be addressed to: Executive Director, USAMC Logistics Support Activity, Acquisition Logistics Center, ATTN: AMXLS-AP, Redstone Arsenal, AL 35898-7466 by using the Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

AMSC A7306

AREA TMSS

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2. APPLICABLE DOCUMENTS

2.1 General. The documents listed in this section are specified in section 3 of this specification. This section does not include documents cited in other sections of this specification, recommended for additional information, or as examples. While every effort has been made to ensure the completeness of this list, document users are cautioned that they must meet all specified requirements documents cited in section 3 of this specification, whether or not they are listed.

2.2 Government documents.

2.2.1 Specifications, standards, and handbooks. The following specifications, standards, and handbooks form a part of this specification to the extent specified herein. Unless otherwise specified, the issue of these documents are those listed in the Department of Defense Index of Specifications and Standards (DODISS) and supplement thereto, cited in the solicitation (see 6.2).

STANDARDS

DEPARTMENT OF DEFENSE

MIL-STD-12	—	Abbreviations for Use on Drawings, Specifications, Standards, and in Technical Documents
MIL-STD-38784	—	Standard Practices For Manuals, Technical: General Style and Format Requirements.
MIL-STD-40051	—	Technical Manual Preparation

(Unless otherwise indicated, copies of the above standards are available from the Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094.)

2.3 Order of precedence. In the event of a conflict between the text of this document and the references cited herein (except for related associated specifications or specification sheets), the text of this document takes precedence. Nothing in this document, however, supersedes applicable law and regulations unless a specific exemption has been obtained.

3. REQUIREMENTS

3.1 General.

3.1.1 Style and format. Except when specified otherwise herein, the general style and format of warranty technical bulletins (WTB) shall be in accordance with MIL-STD-38784.

3.1.2 National stock numbers (NSNs) and part numbers. National stock numbers shall not be used in the procedures or the narrative portion of the WTB. Unless essential for identification, manufacturer's part numbers shall not be used in procedures or the narrative portion of the WTB.

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3.1.3 Level of coverage. The information provided in the WTB for preparation of warranty shall be directed to the least experienced personnel expected to use it. The reading grade level shall be the level specified by the contracting activity and evaluated in accordance with MIL-STD-38784 (see 6.2).

3.1.3.1 Language. The text shall be concise, accurate, and simple. The most simple words that will convey the intended message shall be used.

3.1.3.2 Abbreviations and acronyms. Abbreviations used throughout the WTB shall be in accordance with MIL-STD-12. Use of acronyms shall be consistent throughout the WTB but shall be held to a minimum. The first use of abbreviations and acronyms shall be spelled out completely with the abbreviation or acronym in parentheses immediately after the word(s).

3.1.3.3 Equipment names and nomenclature. Only approved names and approved nomenclature shall be used. Terms, names, and nomenclature shall be used consistently throughout the WTB.

3.1.4 Illustrations. Unless otherwise specified by the contracting activity, only line drawings shall be used. Illustrations shall be integrated with the text and shall be used when text alone cannot adequately communicate the message. Illustrations shall be black and shades of blacks (one color) (see 6.2).

3.1.5 Referencing. Reference to other documents and information within the WTB shall be held to a minimum. Reference shall not be made to other documents unless they are normally available to the user. If reference to other documents is necessary, reference shall include the document name and publication number only. Reference made within the WTB shall include the necessary location data only. For example, if the entire chapter is applicable, only the chapter number shall be referenced. If the information needed is found in one or more paragraph(s), reference to the paragraph number(s) shall be made.

3.1.6 Security classification markings. Security classification markings, if required, shall be applied in accordance with MIL-STD-38784.

3.2 Order of presentation. The content of WTBs shall be formatted as follows:

- a. Cover/title page.
- b. General.
- c. Explanation of terms.
- d. Coverage - specific.
- e. Contractor responsibilities.
- f. Government responsibilities.
- g. Design/performance specifications (if specified by the contracting activity. See 6.2).
- h. Nullification (if specified by the contracting activity. See 6.2).

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- i. Claim procedures.
- j. Storage/shipment/handling.
- k. Appendixes.
- l. DA Form 2028 (Recommended Changes to Publications and Blank Forms).

3.3 Content. The content of WTBs shall be as specified in 3.3.1 through 3.3.11.

3.3.1 Cover/title page. The general layout of the title page shall be as that depicted in figure 1 and shall contain the following:

- a. TB designation number. Upper right hand corner.
- b. Heading. "DEPARTMENT OF THE ARMY TECHNICAL BULLETIN" centered on page below the WTB designation number.
- c. Title. "WARRANTY PROGRAM for (name of equipment/item, model number and nomenclature under the warranty)".
- d. Headquarters/date. "Headquarters, Department of the Army, Washington, DC (date: day, month, year)". The date shall be the copy freeze date (the last date information was applied to copy before printing).
- e. Reporting of errors. A Reporting of Errors Statement shall appear as follows:

"REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this bulletin. If you find any mistakes, or if you know of a way to improve the publication, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) located in the back of this bulletin directly to: (*name and address of proponent*). You may also send your recommended changes via electronic mail or by fax. Our fax number is (*insert DSN and commercial number of proponent*). Our e-mail address is (*insert address of proponent*). A reply will be furnished to you."

- f. Text. The text shall begin immediately below the Reporting of Errors Statement, beginning with paragraph 1.
- g. Distribution statement, destruction notice, and export controlled warning notice. The appropriate distribution statement, destruction notice, and export control warning notice shall be placed on the cover, in accordance with DoD Directive 5230.24, as provided by the contracting activity.

3.3.2 Paragraph 1, General. This paragraph shall state the general intent and coverage of the WTB and shall identify the type of warranty (performance, time and material, workmanship, reliability, design). Subparagraphs such as applicability, limitations, and purpose shall be included when appropriate. When the warranty covers major components of an end item, the end item shall be identified. These subparagraphs, however, shall not include any detailed specifics that are normally part of paragraph 3.

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3.3.3 Paragraph 2, Explanation of Terms. All terms used within the WTBs that are peculiar to warranty and contract terminology shall be explained. As a minimum, all applicable terms used in the WTB that are listed in 6.4 shall be included. Terms shall be listed in alphabetical order. Terms not used in the WTB shall not be listed.

3.3.4 Paragraph 3, Coverages - Specific. This paragraph shall cover all information necessary to identify the item(s) covered and the terms of coverage. Each component/part of the item(s) having different coverages, such as time coverage or limited coverage, shall be clearly identified. When possible, tables shall be developed to identify all pertinent information. More than one table shall be developed when it will make it easier to distinguish different coverages applicable to the warranty. Each separate table shall key on a particular subject such as: extent/duration of coverage (components covered for one year or 50,000 miles, or components covered for 15,000 hours of operation). Tables shall include all data listed below, if applicable:

- a. Nomenclature
- b. Line item number
- c. Model numbers
- d. National stock numbers
- e. Manufacturer and part number (use Commercial and Government Entity Code (CAGEC))
- f. Serial numbers (identification numbers)
- g. Contract number(s) - prime contractor
- h. Applicable dates, hours, mileage, length of time coverage
- i. Type of coverage

3.3.5 Contractor responsibilities. This paragraph shall contain the obligations imposed on the contractor. It shall address how the warranty claims will be handled by the contractor. It shall state the extent of coverage involved such as: "The item(s) determined to be defective, due to defective material or workmanship, shall be replaced with a new item(s) at no cost to the Government" or "at the option of the contractor the defective equipment shall be replaced or repaired, with the contractor assuming all expenses." Handling and shipping costs (both ways), and time allowed for the contractor to settle legitimate claims shall be addressed. When detailed responsibilities for handling, shipping, and others are explained in other paragraphs, reference shall be made to those paragraphs. When responsibilities apply to subcontractor(s) rather than the prime contractor, the responsible subcontractor shall be identified. When contractor support is not available or planned, reference shall be made to instructions provided under Government responsibilities. A complete and current worldwide listing of applicable contractors, subcontractors, and their associated claim/service addresses shall be provided. When this data is excessive (more than one page of printed material), an appendix shall be prepared and referenced in this paragraph.

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3.3.6 Government responsibilities/identification. The Major Subordinate Command's (MSC), contracting activity, or other Government activity responsible for administrative functions relative to assuring that the pertinent warranty program is effective shall be identified. As a minimum, this identification shall include the command(s) name, telephone number (DSN and commercial), business hours (e.g., 0800-1630 EST), point of contact (Continental U.S. (CONUS) and outside CONUS (OCONUS)), and emergency contact information. The responsibilities of the activity(s) shall be listed.

3.3.6.1 Government maintenance. When the provisions of the warranty allow the Government to perform corrective maintenance on warranty items, the maintenance functions and the maintenance level that may perform these functions on these warranty items shall be listed or referenced. These maintenance functions shall be the same level as authorized in the maintenance allocation chart of the applicable TM. Normal care, servicing, and preventive maintenance procedures required to keep the warranty effective shall be included in this paragraph. Any authorized deviation from normal maintenance and repair procedures shall be listed. An explanation covering evacuation, shipping, or handling details shall be made when contractor support is not available. When these details are covered in another paragraph of the WTB or another document (e.g., TM or TB), reference shall be made to the applicable paragraph or document.

3.3.6.2 Owning unit responsibilities. This paragraph shall include responsibilities of the owning unit. When these responsibilities are identified elsewhere within the WTB, reference shall be made to the paragraph where these responsibilities are identified.

3.3.6.3 Warranty control office responsibilities. This paragraph shall describe the responsibilities of the warranty control office (WARCO) (see 6.4.23) pertaining to the specific warranty contract. When responsibilities of the MSC or installation warranty control office are different from the activity warranty control office, separate subparagraphs shall be included to distinguish these differences.

3.3.6.4 Army oil analysis program (AOAP). This paragraph shall identify warranty items enrolled in the AOAP. It shall specify the oil and oil filter change interval required by the warranty contractor and reference applicable AOAP documents that direct AOAP sampling. Instructions shall be provided to indicate what action must be taken when AOAP sample reveals incipient failure or the AOAP laboratory recommends maintenance action(s) that may negate the warranty.

3.3.6.5 Alterations/modifications. This paragraph shall contain the following statement: "Alterations and modifications shall not be made unless expressly authorized or directed by: (enter name, address, and telephone number (DSN and commercial) of the authorizing command)".

3.3.7 Design/performance specifications. When design performance specifications are clearly defined in the contract, this paragraph shall describe or identify the physical and performance specifications of the warranty item(s) that the accepting command should verify to determine whether or not the specifications are met. A description or illustration showing content (figure 2) and location of warranty labels identifying warranty items shall be made. This description shall include content and location of any bar coded warranty information concerning the item of equipment (figure 3). When they are shown in other available publications, reference shall be made to these publications. The methods for testing or measuring the actual design performance of item(s) shall be described or identified either by placing details in this paragraph or by reference to document(s) containing these details. Testing and measuring methods shall be identified with the maintenance level capable of performing these functions. These testing or measuring methods shall apply to

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the initial acceptance criteria as well as item/equipment performance for the duration of the warranty. When acceptance criteria and continued performance criteria differ, they shall be clearly identified.

3.3.8 Nullification. This paragraph shall identify any action taken by the Government that may nullify the warranty such as: certain maintenance/repair, improper use or operation, abuse (see 6.4.1), improper environmental exposure, and method of installation. The nullification actions identified shall be specific enough to avoid misunderstanding. Also, actions that must be taken to keep the warranty in effect or prevent the warranty from becoming void shall be provided or referenced in this paragraph.

3.3.8.1 Abuse determination. This paragraph shall state what action shall be taken, and by whom, when abuse is not obvious, but suspected. This action shall indicate the responsibility of both the warranty contractor and the Government in making a determination as to whether or not abuse has taken place. When abuse is determined, the action required to keep the item functional shall be stated.

3.3.9 Claim procedures. This paragraph shall include all procedures necessary to process claims and shall identify who shall perform these procedures. As a minimum, these procedures shall include the functions identified in 3.3.9.1 through 3.3.9.5 and identify the command hot line (DSN or commercial). Reference shall be made to DA Pam 738-750, Functional Users Manual for the Army Maintenance Management System (TAMMS).

3.3.9.1 Identification of failed items. This paragraph shall state that failed warranty items shall be tagged/identified to prevent improper repair or use. Documents that describe the use of DA Form 2402, Exchange Tag (figure 4), and DA Form 2407/5504, Maintenance Request (figures 5 and 6), shall be referenced. Items requiring special handling, storage, or shipment during the processing of claims shall be identified.

3.3.9.2 Disposition. This paragraph shall include procedures for handling, repair, and evacuation of failed warranty items. These procedures shall identify who will do what, when, and where. Procedures shall include documentation required and how to document or refer to instructions for completion of documentation.

a. False returns. An explanation shall be provided to warn that when items returned to the contractor for repair are found to be serviceable, the submitting Government unit will be penalized (cost, loss of time, nonavailability of item, etc.) Also, a statement shall be made that false returns will be monitored by the responsible activity (usually the commodity command).

b. Receipts/verification of contractor repairs. Instructions shall include actions to be taken, and by whom, when contractors repair and return a warranty item. Instructions shall include, but not be limited to, procedures for recording and reporting the action and verification of repair.

c. Special area requirements. When limitations exist and adjustments or changes are required at different commands, theaters, or locations; these conditions shall be identified. When the list of these exceptional conditions is extensive, it shall appear in the WTB appendix and be referenced in the text.

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3.3.9.3 Reimbursement for Army repair. This paragraph shall describe the conditions and provide procedures for obtaining/requesting reimbursement when the Army performs authorized maintenance (3.3.6.1). These procedures shall state that reimbursement actions to support the claim shall be documented and submitted through the warranty control office.

3.3.9.4 Claim denials/disputes. This paragraph shall describe the procedures that must be performed when a warranty claim denial or dispute occurs. Specific elements or organizations within each geographical area to which disputes must be referred for resolution shall be identified.

3.3.9.5 Reporting. This paragraph shall state: "Reporting or recording action on a failed item shall be as specified in DA Pam 738-750 or DA Pam 738-751. Contractor unique forms shall not be used.

3.3.10 Storage/shipment/handling. When applicable, warranty requirements pertaining to storage, shipment, and handling shall be provided. When these requirements are provided in more detail in other available documents, reference shall be made to these documents.

3.3.10.1 Storage. This paragraph shall include storage requirements that will pertain to the warranty contract. These storage requirements shall include the time prior to use of the materiel, regular storage, administrative storage, storage during maintenance and repair, and storage in the depot, installation or field environment. Instructions shall include any special packing, preservation, and depreservation techniques required.

3.3.10.2 Shipment. Shipment requirements, regular or special, associated with the warranty shall be identified. The responsibilities on the part of both the Government and the warranty contractor shall be specified. These responsibilities shall include cost and funding allocations as well as action required. A statement shall be made to indicate that no shipment shall be made without direct authority from the supporting warranty control office. Any additional authorization required shall be stated. If cost of transportation and shipment must be recovered from the warranty contractor, recovery procedures shall be provided.

3.3.10.3 Handling. When special handling of warranty items is necessary because potential hazards exist or damage may be caused to the items or other items/equipment when improperly handled, instructions shall be provided.

3.3.11 Appendixes. Appendixes shall be used when it is not appropriate to use tables integrated within the text of the WTB. Extensive information such as an applicable worldwide list of warranty service and claim offices shall be placed within an appendix. These listings shall be arranged by geographical areas or a method that is self explanatory. When the TB is a consolidated TB, specific details such as a listing of all equipment names and models, NSN's, serial numbers, contract numbers and effective dates shall be covered in an appendix titled Equipment Under Warranty. The format shall be that specified by the contracting activity. The number of appendixes used will be determined by the extent of the warranty (see 6.2).

3.4 DA Form 2028-2. A filled out sample DA Form 2028-2, Recommended Changes to Equipment Technical Publications shall be placed in back of the WTB when the WTB is more than eight printed pages and is not classified.

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4. VERIFICATION

4.1 Verification. Verification shall be as specified by the contracting activity in the contract or order (see 6.2).

5. PACKAGING

5.1 Packaging. For acquisition purposes, packaging requirements shall be as specified in the contract or order (see 6.2). When actual packaging of material is to be performed by DoD personnel, these personnel need to contact the responsible packaging activity to ascertain requisite packaging requirements. Packaging requirements are maintained by the Inventory Control Point's packaging activity within the Military Department or Defense Agency, or within the Military Department's System Command. Packaging data retrieval is available from the managing Military Department's or Defense Agency's automated packaging files, CD-ROM products, or by contacting the responsible packaging activity.

5.2 Classified material. All classified material shall be safeguarded, packaged, and marked in accordance with DOD 5220.22-M.

6. NOTES

(This section contains information of a general or explanatory nature which may be helpful, but is not mandatory).

6.1 Intended use. Warranty technical bulletins are for use by warranty control officers and user activities. They provide guidance for management and application of warranties. The requirements in this specification address contractors. When the Government prepares the WTB, the requirements for the WTB apply to the same extent as when the contractor prepares them. This provision must be acknowledged to assure uniformity and quality of WTB. The contracting activity is responsible for tailoring out requirements of this specification that are not applicable to the specific acquisition.

6.2 Acquisition requirements. Acquisition documents should specify the following items:

- a. Title, number, and date of this specification.
- b. The issue of the DODISS cited or, if required, the specific issue of the referenced documents (see 2.2.1).
- c. Level of coverage (see 3.1.3).
- d. Illustrations (see 3.1.4).
- e. Design/performance specifications of the WTB (see 3.2g).
- f. Nullification of the WTB (see 3.2h).
- g. Appendices (see 3.3.11).

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- h. Verification requirements (see 4.1).
- i. Packaging requirements (see 5.1).
- j. Completed Content/Format Selection Summary (Appendix).

6.3 Technical manual acquisition. This specification must be listed on the Contract Data Requirements List (DD Form 1423) in order to acquire the technical manuals described by this specification, except where Defense Federal Acquisition Regulation exempts the requirement for a DD Form 1423.

6.4 Definitions.

6.4.1 Abuse. The improper use, repair, or handling of warranted items such that the warranty may become void.

6.4.2 Acceptance date. The date an item of equipment is accepted into the Army's inventory by the execution of the acceptance block and signing of a DD Form 250 or approved acceptance document, by an authorized representative of the government.

6.4.3 Acquiring command or activity. An activity which procures the items or materiel for a user.

6.4.4 Alterations/Modifications. Any alteration after production such as retrofit, conversion, remanufacture, design change, engineering change and the like.

6.4.5 Consolidated warranty technical bulletin. A WTB that covers a multiple number of equipment systems that are not covered by separately numbered TMs.

6.4.6 Contractor support. Those services that are to be performed and those responsibilities that are placed upon the contractor by the government as specified in the warranty contract/provisions. This support, which may include such things as labor, parts, tools, training, technical packages, etc., will be used in support of the warranted equipment during the specified warranty period.

6.4.7 Defect. Any condition or characteristic in any supplies or services furnished by the contractor under the contract that is not in compliance with the requirements of the contract.

6.4.8 Failed item. A part, component, or end item that fails to perform its intended use.

6.4.9 False return rate. The return of suspected defective warranty items to the manufacturer that are eventually determined to be serviceable.

6.4.10 Manufacturer's recall.

a. Safety recall. A manufacturer recalls an item to repair or replace a defective part or assembly which may affect public safety.

b. Service recall. A manufacturer recalls an item to repair or replace a defective part or assembly which does not affect the safe use of the item.

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6.4.11 Primary damage. The damage suffered by a part, component, or end item itself upon its failure.

6.4.12 Prime contractor. A party that enters into an agreement directly with the United States to furnish part or all of a weapon system.

6.4.13 Reimbursement. A written provision in a warranty contract whereby the user may make the necessary repairs with or without prior approval of the contractor and the Government will be reimbursed for the repair parts and/or labor costs.

6.4.14 Repair. To restore an item to serviceable condition without affecting the warranty.

6.4.15 Reparable. An item that may be reconditioned or economically repaired for reuse when it becomes unserviceable.

6.4.16 Secondary damage. The damage suffered by an item because of a failure of another item within the same configuration.

6.4.17 Serviceable. The condition of an item which may be new or used that meets all the requirements and performs the functions for which it was originally intended.

6.4.18 Subcontractor. Any supplier, distributor, vendor, or firm that furnishes supplies or service to or for a prime contractor or another subcontractor.

6.4.19 Tailoring. The process of evaluating individual potential requirements to determine their pertinence and cost effectiveness for a specific system or equipment acquisition, and modifying these requirements to ensure that each contributes to the optimal balance and cost. The tailoring of data requirements should consist of determining the essentialness of potential CDRL items and should be limited to the exclusion of information requirement provisions.

6.4.20 Turnaround time. The amount of time that is permitted for an item to be replaced/repared by the contractor/maintenance repair facility and returned to the user. The time is measured from the time the contractor/repair facility receives the request.

6.4.21 Validation. The process by which the contractor tests/measures the WTB to assure its accuracy as it pertains to the warranty item(s).

6.4.22 Verification. The process of determining the accuracy and adequacy of the WTB provided by the contractor. This process is performed by the Government/user.

6.4.23 WARCO. Warranty Control Offices established at the intermediate General Support/Director of Industrial Operations level or equivalent who serve as the intermediary between the troops owning the equipment and the local dealer, contractor, or manufacturer. All warranty claim actions will be processed through the WARCO.

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6.4.24 Warranty. A promise or statement of fact from a seller to a purchaser on the nature, usefulness, or condition of the supplies or performance of services to be furnished. The main purposes of a warranty in a government contract are to outline the rights and obligations of the contractor and the government for defective items and services. It also serves to foster quality performance by the contractor, but is not a substitute for an adequate quality assurance program.

6.4.25 Warranty claim. Action started by the equipment user for authorized warranty repair, replacement, or reimbursement made from the local dealer or manufacturer.

6.4.26 Warranty period. Time during which the warranty is in effect. Normally measured as the maximum number of years, months, days, miles, or hours used.

6.4.27 Warranty start date. The date the warranty is put into effect.

6.5 Subject term (key word) listing.

WARCO

Warranty TB

6.6 Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

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TB X-XXXX-XXX-XX

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

**WARRANTY PROGRAM
FOR
PALLETIZED LOAD SYSTEM**

**MODEL NUMBERS
NSNs
Contract Number (*Insert number*)**

Headquarters, Department of the Army, Washington, DC

10 May 1999

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this bulletin. If you find any mistakes, or if you know of a way to improve the procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) located in the back of this bulletin directly to: Commander, U.S. Army Tank-Automotive Command, ATTN: AMSTA-MB, Warren, MI 46397-5000. You may also send your recommended changes via electronic mail or by fax. Our fax number is (*insert DSN and commercial number of proponent*). Our e-mail address is (*insert e-mail address of proponent*). A reply will be furnished to you.

1. General. This bulletin provides implementation instructions for the Warranty on the (*Insert Weapon System*). It contains instructions for obtaining services and/or supplies covered under warranty. This bulletin also describes methods of processing warranty claims. For additional warranty information, on the (*Insert Weapon System*) or any (*Insert Command Name*) equipment, contact your local Warranty Control Office/Officer (WARCO) or Command Logistics Assistance Representative (LAR). If your WARCO or Command LAR is not available or if additional information is required, contact TACOM. The number to call is DSN 786-7423, Commercial (313) 574-7423. The caller should be prepared to provide: (1) name, (2) DSN and commercial telephone numbers, (3) complete unit designation, (4) identification of the vehicle to include serial number(s), (5) a brief

description of the problem and (6) the contract number (see paragraph 3 a.).

2. Explanation of Terms.

a. Abuse. The improper use, maintenance, repair or handling of warranted items that may cause the warranty of those items to become void (for example, not following service intervals; using the vehicle for other than what is intended).

b. Acceptance. The execution of the Acceptance Block and signing of DD Form 250, by the authorized Government representative, unless end-items are placed in storage in which case acceptance shall mean date of shipment from storage facility as reflected on DD Form 1149 or DD Form 1348-1.

Distribution authorized to U.S. Government agencies only for technical or operational purposes only. This determination was made by TACOM on 15 December 1992. Other requests for this document must be referred to: Commander, U.S. Army Tank-Automotive Command, ATTN: AMSTA-MB, Warren, MI 48397-5000

DESTRUCTION NOTICE - Destroy by any method that will prevent disclosure of contents or reconstruction of the document.

FIGURE 1. Example - title page layout.

FIGURE 2. Example - warranty label.

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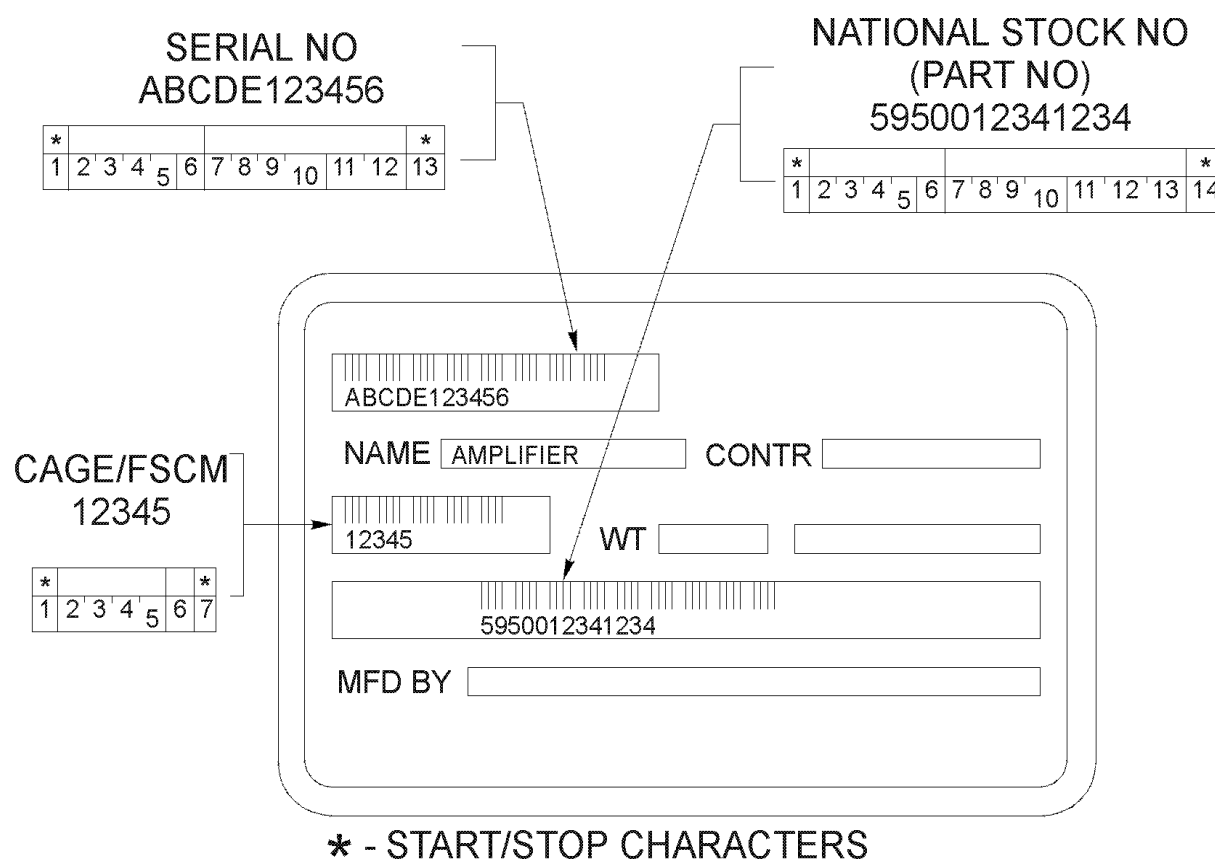


FIGURE 3. Example - ID plate with bar code.

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Edition of MAY 81
 is obsolete.
 ☆U.S. GPO: 1981-287-380

DA Form 736-750 and 738-751
 EXCHANGE TAG

1. SUPPORT AGENCY (DODAAC)		2. DATE	
3. ORGANIZATION (DODAAC)		4. <input type="checkbox"/> WARRANTY <input type="checkbox"/> EIR EXHIBIT <input type="checkbox"/> EXCHANGE	
5. NSN		6. NOUN NOMENCLATURE	
7. PD	8. PD AUTHENTICATION		
END ITEM IDENTIFICATION		9. END ITEM NOUN NOMENCLATURE	
		10. MODEL	11. SERIAL NO.
12. DEFICIENCY OR SYMPTOM			
13. DATE ACCEPTED	14. SIGNATURE		15. NMCS
16. JON		17. INITIALS	
18. DATE REPAIRED		19. INITIALS	

COPY 1
 DA FORM 2402
 DEC 85

FIGURE 4. Example - DA Form 2402 (exchange tag).

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MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG										PAGE NO		NO OF PAGES		REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)	
SECTION I - CUSTOMER DATA										SECTION II - MAINTENANCE ACTIVITY DATA					
1a. UIC CUSTOMER WX3BFC		1b. CUSTOMER UNIT NAME 42d Maint. Co		1c. PHONE NO 645-9727		3a. WORK ORDER NUMBER (WON) ACDRAA21234.5		3b. SHOP A		3c. PHONE NO 645-9918					
2a. SAMS-2 UIC/SAMS-I/TDA		2b. UTILIZATION CODE 0		2c. MCSR Y		4a. UIC SUPPORT UNIT WX3B.Y.F		4b. SUPPORT UNIT NAME A Co 710th Maint. Bn							
SECTION III - EQUIPMENT DATA															
5. TYPE MNT REQ CODE		6. ID A		7. NSN 232001103715.5		15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751									
8. MODEL m99B		9. NOUN Trk Util Cgo 172T		10a. ORG WON/DOC NO X3BFC0300331		10b. EIC B.B.D		15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751		16. MILES/KILOMETERS/HOURS/ROUNDS M 358 K R					
11. SERIAL NUMBER 132152		12. QTY 0		13. PD 0.3		17. PROJECT CODE (if assigned)		18. ACCOUNT PROCESSING CODE		19. IN WARRANTY (enter Y or N) Y					
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use) Neutral. Road. Benit						21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)		22. LEVEL OF WORK F		23. SIGNATURE R. Delorme Campbell					
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs)															
25. REMARKS															
26. TECHNICAL REFERENCES															
SECTION IV - TASK REQUIREMENTS DATA															
27a. FILE INPUT ACT CD	27b. TASK NO	27c. ACT CODE	27d. TASK DESCRIPTION				27e. QTY TO BE RPR	27f. WORK CENTER	27g. FAILURE CODE	27h. MH PROJ	27i. MH EXP				
A	11	F	Initial Inspection				01	Insip		5	5				
A	11	A	Replace Rod				01	Auto	3.8.1	1	1				
A	12	G	Final Inspection				01	Insip		5	5				
SECTION V - PART REQUIREMENTS															
28a. FILE INPUT ACT CD	28b. TASK NO	28c. ID NO	28d. NSN OR PART NUMBER				28e. SFX CD	28f. QTY RQD	28g. QTY ISSUED	28h. NMCS CD	28i. FAILURE CODE	28j. STORAGE LOCATION	28k. INITIALS	28l. COST \$	
A	11	A	2320015102538				1	01	01	N	3.8.1	1.5-1.0	RL	58.10	
28m. TOTAL MANHOURS 2												28n. TOTAL MANHOURS COSTS \$ 1.5-3.0		28o. TOTAL PARTS COSTS \$ 5.8-1.0	
SECTION VI - COMPLETION DATA															
29. QTY RPR		30. QTY CONDEMN		31. QTY NRTS		32. EVAC WON		33. EVAC UNIT NAME							
SECTION VII - ACTION SIGNATURES															
34a. SUBMITTED BY B. Davis		35a. ACCEPTED BY R. Delorme		35c. DATE 170205		36a. WORK STARTED BY R. Campbell		37a. INSPECTED BY R. Delorme		38a. PICKED UP BY B. Davis					
34b. DATE 970225		35b. STATUS A		35d. TIME 1100		36b. STATUS B		36c. DATE 170205		36d. TIME 0815					
37b. STATUS F		37c. DATE 170208		37d. TIME 1320		38b. STATUS U		38c. DATE 170208		38d. TIME 1630					

DA FORM 2407, JUL 94

FILE COPY 5

FIGURE 5. Example - DA Form 2407 (maintenance request).

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MAINTENANCE REQUEST										PAGE OF		REQUIREMENTS CONTROL SYMBOL CSGLD - 1047		CONTROL NUMBER											
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG																									
SECTION I - CUSTOMER DATA										SECTION II - MAINTENANCE ACTIVITY DATA															
1a. WORK ORDER NO.			b. CUSTOMER UNIT NAME				c. PHONE NO.			3a. WORK ORDER NO (WON)			b. SHOP		c. PHONE NO.										
2. If Intransit Customer, enter data in Blocks 2a and 2b			2a. SAMS-2 UIC			b. UTILIZATION CODE			4a. UIC SUPPORT			b. SUPPORT UNIT NAME													
SECTION III - EQUIPMENT DATA																									
5. ID		6. NSN								15. FAILURE DETECTED DURING (Select one - use / or X)															
7. TYPE MNT. REQ. CODE		8. MODEL								<input type="checkbox"/> A Sch. Main.		<input type="checkbox"/> C Test		<input type="checkbox"/> E Storage		<input type="checkbox"/> G Flight									
										<input type="checkbox"/> B Handling		<input type="checkbox"/> D Normal Op		<input type="checkbox"/> F Inspection		<input type="checkbox"/> H Other		<input type="checkbox"/> I Calibration							
9. NOUN										16a. MILES/KILOMETERS (Enter or X)		b. HOURS		c. ROUNDS											
10a. ORG WON			b. EIC			d. LANDINGS		e. AUTO ROTATIONS		17. PROJ. CODE (If Assigned)		18. ACCT. PROCESSING CODE													
11. SERIAL NUMBER				b. QTY.		13. PD		19. IN WARRANTY? (Y or N)		20. LEVEL OF WORK (Select one - use / or X)															
24. Describe Deficiencies or Symptoms on the basis of Complete Checkout and Diagnostic Procedure in Equipment TM (Do not prescribe repairs.)								<input type="checkbox"/> O Unit Level		<input type="checkbox"/> H Intermediate General Spt.		<input type="checkbox"/> I Special Repair Activity													
								<input type="checkbox"/> F Immediate Direct Spt.		<input type="checkbox"/> D Depot															
								21. BUMPER NO./TAIL NO.		22. REIMBURSABLE CUSTOMER? (If Intransit Customer, enter Y or N)															
23. PD AUTHENTICATION SIGNATURE (Payroll Signature)																									
SECTION IV - REPORTABLE DATA																									
25a. STA		b. ORD DATE		c. MIL TIME		a. STA		b. ORD DATE		c. MIL TIME		26. TECHNICAL REFERENCES													
SECTION V - TASK REQUIREMENTS DATA																									
27a. FILE IN-PUT CD.		b. TASK NO.		c. ACT. RQD.		d. TASK DESCRIPTION				e. QTY. TO BE RPR		f. WORK CENTER		g. FAILURE CODE		h. MH RMN/PROJ									
SECTION VI - PART REQUIREMENTS																									
28a. FILE IN-PUT CD.		b. TASK NO.		c. ID		d. RQD NSN OR PART NO.				e. SFX CD		f. QTY. REQUIRED		g. QTY. ISSUED		h. NM CS		i. FAILURE CODE		j. STORAGE LOCATION		k. NOUN/INIT.			
SECTION VII - COMPLETION DATA																									
29. QTY. RPR				30. QTY. CONDEMN.				31. QTY. NRTS				32. EVAC WON				33. EVAC UNIT NAME									
SECTION VIII - ACTION SIGNATURES																									
34a. SUBMITTED BY				35a. ACCEPTED BY				36a. WORK STARTED BY				37a. INSPECTED BY				38a. PICKED UP BY									
b. ORD DATE		b. ST		c. ORD DATE		d. MIL TIME		b. ST		c. ORD DATE		d. MIL TIME		b. ST		c. ORD DATE		d. MIL TIME		b. ST		c. ORD DATE		d. MIL TIME	

DA FORM 5504, SEP 88

DA FORM 5504, APR 87 MAY BE USED

COPY 4

FIGURE 6. Example - DA Form 5504 (maintenance request).

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APPENDIX**CONTENT/FORMAT SELECTION SUMMARY FOR
PREPARATION OF WARRANTY TECHNICAL BULLETINS****A.1 GENERAL.**

A.1.1 Scope. This appendix facilitates the tailoring of requirements for technical manuals for warranty technical bulletins contained in the body of this specification. This appendix is a mandatory part of this specification. The information contained herein is intended for compliance when the Content/Format Selection Summary is completed by the Government.

A.1.2 Application. This appendix is intended to be copied/reproduced, completed, used for contract solicitation, and incorporated into the contract.

A.1.3 Tailoring. The contracting activity should evaluate the individual requirements of this specification to determine the extent to which they are most suitable for the acquisition and modify the requirements to ensure that each achieves the optimal balance between operational needs and cost. Exclusions of sections, paragraphs, or sentences shall be indicated on the Content/Format Selection Summary. When necessary, remarks should be expanded and included on a separate sheet of paper attached to the Summary List. In all cases, tailoring shall be compatible with this specification.

A.1.4 Explanation of columns - content/format selection summary. Column (1), Item no., self explanatory. Column (2) is the type of requirement and column (3) identifies the applicable paragraph in the specification. Column (4) Options Selected, subcolumn (a) "yes", should be marked with an "X" for each item/requirement applicable to the solicitation/acquisition as written. Column (4), subcolumn (b), "no" should be marked with an "X" for each item that is not applicable as written, but is applicable as specified in subcolumn (c). Subcolumn (c), Explanation/Remarks is provided for clarity.

A.2 APPLICABLE DOCUMENTS.

This section is not applicable to this appendix.

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APPENDIX**CONTENT/FORMAT SELECTION SUMMARY SHEET****EQUIPMENT NAME/NOMENCLATURE** _____**CONTRACT NO.** _____**NOTE:** Applicable requirements are indicated by an “x” in column 4a or explained in column 4b.

(1) Item No.	(2) Requirements	(3) Applicable Paragraph No.	(4)		
			(a)	(b)	(c)
			Options Selected		Explanation/Remarks
			(yes)	(no)	
1	Level of coverage	3.1.3			
2	Illustrations	3.1.4			
3	Design/Performance Specifications of WTB	3.2g			
4	Nullification of WTB	3.2h			
5	Format of appendices	3.3.11			
6	Verification Requirements	4.1			
7	Packaging	5.1			

NOTE: The above selected requirements tailoring options identified by an “X” in the Options Selected column 4, subcolumn 4(a) or 4(b), or the explanation provided in the Remarks subcolumn 4(c) are a mandatory part of this contract.

COMPLETED BY: _____
(authorized signature)

PUBLICATIONS ACTIVITY: _____ DATE: _____

MIL-PRF-63034A(TM)

CONCLUDING MATERIAL

CUSTODIAN:

Army - TM

PREPARING ACTIVITY:

Army - TM

REVIEW ACTIVITIES:

Army - AR, AT, MI, TE

PROJECT TMSS A324

STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

INSTRUCTIONS

1. The preparing activity must complete blocks 1, 2, 3, and 8. In block 1, both the document number and revision letter should be given.
2. The submitter of this form must complete blocks 4, 5, 6, and 7.
3. The preparing agency must provide a reply within 30 days from receipt of the form.

NOTE: This form may not be used to request copies of documents, nor to request waivers, or clarification of requirements on current contracts. Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual requirements.

I RECOMMEND A CHANGE		1. DOCUMENT NUMBER MIL-PRF-63034A(TM)	2. DOCUMENT DATE: (YMMDD) 980420
3. DOCUMENT TITLE BULLETINS, TECHNICAL: WARRANTY, PREPARATION OF			
4. NATURE OF CHANGE (<i>Identify paragraph number and include proposed rewrite, if possible. Attach extra sheets as needed.</i>)			
5. REASON FOR RECOMMENDATION			
6. SUBMITTER			
a. NAME (<i>Last, First, Middle Initial</i>)		b. Organization	
c. ADDRESS (<i>Include ZIP Code</i>)		d. TELEPHONE (<i>Includes Area Code</i>) (1) Commercial (2) AUTOVON (If applicable)	7. DATE Submitted (YYMMDD)
8. PREPARING ACTIVITY			
a. NAME USAMC Logistics Support Activity		b. TELEPHONE (<i>Include Area Code</i>) (1) Commercial (205) 955-9843 (2) AUTOVON DSN 645-9843	
c. ADDRESS (<i>Include ZIP Code</i>) ATTN: AMXLS-AP (TMSS) Redstone Arsenal, AL 35898-7466		IF YOU DO NOT RECEIVE A REPLY WITHIN 45 DAYS, CONTACT: Defense Quality and Standardization Office 5203 Leesburg Pike, Suite 1403, Falls Church, VA 22041-3466 Telephone (703) 756-2340 AUTOVON 289-2340	

Commander
USAMC Logistics Support Activity
ATTN: AMXLS-AP
Redstone Arsenal, AL 35898-7466