

CHANGE  
NO. 1

HEADQUARTERS, DEPARTMENT OF THE ARMY  
WASHINGTON, D.C., 22 JUL 2005

**DEPARTMENT OF THE ARMY TECHNICAL BULLETIN**

**WARRANTY PROGRAM FOR  
INTERIM HIGH-MOBILITY ENGINEER  
EXCAVATOR (IHMEE)**

**NSN 2420-66-148-7692**

**Approved for public release; distribution unlimited.**

TB 5-2420-230-14, 01 OCT 2003, is updated as follows:

1. File this sheet in front of the bulletin for reference.
2. This change has been made to show the correct contact information for the TACOM IHMEE Program Manager.
3. New or updated text is indicated by a vertical bar in the outer margin of the page.
4. Remove old pages and insert new pages as indicated below.

**Remove Pages**

Front Cover and 2  
3 and 4  
Back Cover

**Insert Pages**

Front Cover thru 2  
3 and 4  
Back Cover (PIN)

By Order of the Secretary of the Army:

Official:



SANDRA R. RILEY  
*Administrative Assistant to the  
Secretary of the Army*

0517808

PETER J. SCHOOMAKER  
*General, United States Army  
Chief of Staff*

**DISTRIBUTION:** To be distributed in accordance with the initial distribution requirements for IDN: 256770, requirements for TB 5-2420-230-14.



## DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

---

**WARRANTY PROGRAM  
FOR  
INTERIM HIGH-MOBILITY ENGINEER EXCAVATOR  
(IHMEE)**

**TRACTOR, WHEELED, INDUSTRIAL  
(NSN 2420-66-148-7692)**

Contract Number DAAE07-02-C-T015

---

**Headquarters, Department of the Army, Washington, DC**

01 OCT 2003

---

**REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS**

You can help improve this publication. If you find any mistakes, or if you know of a way to improve the procedures, please let us know. Submit your DA Form 2028 (Recommended Changes to Publications and Blank Forms) through the Internet on the Army Electronic Product Support (AEPS) Web site. The Internet address is <https://aeps.ria.army.mil>. The DA Form 2028 is located under the Public Applications section in the AEPS Public Home Page. Fill out the form and click on SUBMIT. Using this form on the AEPS will enable us to respond quicker to your comments and better manage the DA Form 2028 program. You may also mail, fax, or e-mail your letter or DA Form 2028 directly to: AMSTA-LC-LMIT / TECH PUBS, TACOM-RI, 1 Rock Island Arsenal, Rock Island IL 61299-7630. The e-mail address is TACOM-TECH-PUBS@ria.army.mil. The fax number is (DSN) 793-0726 or Commercial (309) 782-0726.

**1. GENERAL.** This bulletin provides implementation instructions for the warranty on the Interim High-Mobility Engineer Excavator (IHMEE). It contains instructions for obtaining services and/or parts covered under warranty. This bulletin also describes methods of processing warranty claims. For additional warranty information on the IHMEE, contact your local Warranty Control Office/Officer (WARCO) or TACOM Logistics Assistance Representative (LAR). If your WARCO or TACOM LAR is not available, or if additional information is required, contact the TACOM IHMEE Program Manager. The number to call is (DSN) 786-5677, Commercial (810) 574-5677, Attn: AMSTA-DSA-FP-CE. The caller should be prepared to provide (1) name, (2) DSN and commercial telephone numbers, (3) complete Unit Identifier Code (UIC), (4) identification of the vehicle to include engine serial number(s), (5) a brief description of the problem, and (6) the contract number (see paragraph 3b.).

**2. EXPLANATION OF TERMS.**

- a. Abuse.* The improper use, maintenance, repair, or handling of warranted items that cause the warranty of those items to become not applicable under warranty conditions.
- b. Acceptance.* The hand-off of the IHMEE to the Government and signing of the approved acceptance document by an authorized Government representative, unless the IHMEE is placed in storage, in which case acceptance shall mean the date that the vehicle is placed in service.
- c. Acceptance Date.* The date that the IHMEE is actually delivered to the Government, accepted into the Army inventory, and the approved acceptance document is signed by an authorized representative of the Government. This is not the date that the DD Form 250 is signed at the ADI factory.



- d. Contractor.* The supplier of equipment who enters into an agreement directly with the Government to furnish parts and services.
- e. Correction.* The elimination of a defect.
- f. Defect.* Any condition or characteristic in any parts furnished by the contractor that does not function.
- g. Failure.* A part, component, or end item that fails to perform its intended use.
- h. Manufacturer's Recall.*
  - (1) Safety Recall. An item is recalled to repair or replace a defective part(s) or assembly that may affect safety.
  - (2) Service Recall. An item is recalled to repair or replace a defective part(s) or assembly that does not affect the safe use of this item.
- i. Owning Unit.* The Army unit authorized to operate and maintain the equipment.
- j. Reimbursement.* A written provision in this warranty in which the using/support unit may make the necessary repairs with prior approval from the contractor.
- k. Repair.* A maintenance action required to restore an item to serviceable condition without affecting the warranty.
- l. Supporting Repair Facility.* The repair activity authorized to accomplish repairs at the appropriate level of maintenance identified in the Maintenance Allocation Chart (MAC).
- m. Local Warranty Control Office/Officer (WARCO).* Serves as the intermediary between the troops owning the equipment and the local dealer, contractor, or manufacturer. All warranty claims actions will be processed through the WARCO.
- n. Warranty.* A written agreement between a contractor and the Government, outlining the rights and obligations of both parties for defective parts.
- o. Warranty Claim.* Action started by the equipment user for authorized warranty repair or reimbursement.

- p. Warranty Expiration Date.* The date the warranty is no longer valid. Refer to paragraph 3b.
- q. Warranty Period.* Time during which the warranty is in effect. Normally measured in the maximum number of years, months, days, miles, or hours used.
- r. Warranty Start Date.* The date the warranty is put into effect (government acceptance).

### 3. COVERAGE-SPECIFIC.

- a.* The following conditions must be met in order for this warranty to apply. It is the responsibility of the owner to ensure that the conditions below are fulfilled:
  - (1) The local ADI Limited (ADI) representative must carry out a delivery inspection, where this is required, according to the delivery conditions.
  - (2) The product must be operated, serviced, and maintained strictly in accordance with the details of paragraph 9 and the information contained in the following technical manuals:
    - (a) TM 5-2420-230-10
    - (b) TM 5-2420-230-24-1
    - (c) TM 5-2420-230-24-2
  - (3) Only original spare parts provisioned or approved for use by ADI will be used in the maintenance of the product as identified in TM 5-2420-230-24P.
  - (4) Replaced parts must be kept available for inspection until the warranty claim is settled.
  - (5) All defects under this warranty must be submitted in writing (electronic or hard copy) using the approved form to an authorized dealer or service agent of ADI, within the period of time specified below. A copy of this form must also be sent to the TACOM, as outlined in paragraph 5.
- b.* This bulletin applies only to the Interim High-Mobility Engineer Excavator (IHMEE), NSN 2420-66-148-7692. ADI manufactures this item under contract number DAAE07-02-C-T015. The IHMEE model and serial numbers are located on the data plate. Except as provided in Appendix B, and provided the vehicle shall have been placed in service within 10 days after delivery

to the original purchaser as established by final hand off acceptance for a 60-day period after delivery to the original purchaser, ADI warrants to the government that its IHMEE vehicles are free of defects in material and workmanship. This warranty shall apply only if the vehicle is properly maintained and used in service which is normal to the particular vehicle. Normal service means service which does not subject the vehicle to stresses or impacts greater than those which normally result from the careful use of the vehicle or chassis, and is in conformance with the ADI quoted or proposed specification or application. If the buyer discovers a defect or nonconformity, it must notify ADI or its appointed agent in writing within 10 days after the date of discovery. This warranty is not transferable by the first user.

*c.* If a defect/failure is caused by or falls within any of the following categories, it is not considered warrantable, and a claim should not be initiated:

- (1) Integral parts, components, attachments, or trade accessories not manufactured by ADI, but instead, the applicable warranties, if any, of the respective manufacturers thereof shall apply (refer to Appendix B).
- (2) Any vehicle, chassis, or component, part, attachment, or accessory damaged by misuse, neglect, or accident.
- (3) Any vehicle chassis or component, part, attachment, or accessory shall have been repaired, altered, or assembled in any way by others than ADI or its appointed agent which, in the sole judgment of ADI, affects the performance, stability, or purpose for which it was manufactured. ADI assumes no responsibility for the assembly of its parts or sub-assembly into finished products unless performed by ADI or its appointed agent.
- (4) Tire equipment and other consumable products or parts which are not defective, but which may wear out and have to be replaced during the warranty period including, but not limited to, tires, fluids, gaskets, and light bulbs. Consumable parts are warrantable only when it can be established that such parts were defective when delivered to the original owner.
- (5) Accidents.
- (6) Improper operation, storage, or transport.

(7) Defect/failure discovered or occurring after warranty expiration date.

(8) Use of parts not authorized by ADI.

*d.* Under all circumstances, the liability of ADI for any damages shall be limited to the purchase price of the product.

#### **4. CONTRACTOR RESPONSIBILITIES.**

*a.* When the contractor receives written notification requiring repair, they will have the option:

- (1) To correct the failures/defects in the field, or;
- (2) To have the IHMEE or parts returned to the contractor's designated facility or authorized distributor/dealer for correction.

*b.* When the contractor corrects the warranted defect, parts and labor involved shall be paid by the contractor. The contractor will arrange and pay all transportation costs of the supplies to its facility and return to user.

*c.* All warranty claims will be processed by ADI within 15 days of a claim. If the claim is approved for payment as filed, the transaction will be completed within a total of 20 days. If additional information is needed or partial approval/rejection of the claim occurs, the filing party will be notified within 10 days of the claim being received.

*d.* ADI will provide replacement parts for warranty issues after receipt of written claim notification. The delivery time for replacement parts will be dependant upon availability and the location that the replacement part is to be shipped from, as follows:

- (1) Parts that are in-stock, shipped from U.S. suppliers - 5 days
- (2) Parts under 55 lb. (25 kg) that are in stock, shipped from Australia - 15 days
- (3) Parts not in stock, shipped from U.S. Original Equipment Manufacturers (OEM) - 35 days
- (4) Parts over 55 lb. (25 kg) that are in stock, shipped from Australia - 55 days
- (5) Parts not in stock, shipped from Australia - 95 days

- e. The contractor has the right to inspect any defective machine/part before and after repair. If the contractor wishes to inspect the machine/part prior to the repair, they can do so within 5 days of the initial notification. If for any reason they need to inspect the machine after the repair, they may inspect the vehicle up to 1 week after completion.

unit level as a result of a warrantable defect/failure and/or correction.

- (4) During the IHMEE warranty period, the Government is responsible for the cost of routine mechanical adjustments and consumable parts unless it can be established that such part(s) was defective at the time of delivery to the original purchaser. Consumable parts consist of lubricating oil, antifreeze, filter elements, hoses, belts, etc.

**5. GOVERNMENT RESPONSIBILITIES.**

The Major Subordinate Command for Interim High-Mobility Engineer Excavator (IHMEE) is the U.S. Army Tank-automotive and Armament Command (TACOM), Warren, MI 48397-5000. TACOM is responsible for managing and implementing the warranty.

IHMEE warranty claims shall be reported to the TACOM IHMEE Program Manager:

**Commander**  
**US Army Tank-automotive and Armaments Command**  
**ATTN: SFAE-CSS-FP**  
**Warren, MI 48397-5000**  
**Telephone: (DSN) 786-7068**  
**Commercial: (586) 574-7068**

**a. TACOM IHMEE Program Manager will:**

- (1) Verify, review, and process warranty claim actions.
- (2) Reject claims that are not valid and send them back to the local WARCO with a short explanation of why the claim is rejected.
- (3) Request additional data for incomplete claims.
- (4) Provide warranty claim information to the local WARCO as appropriate.
- (5) Ensure that the contractor performs in accordance with the terms of the contract.

**b. Equipment-Owning Unit Will:**

- (1) Identify defects/failures and verify that the defects/failures are warrantable.
- (2) Submit warranty claims, using DA Form 2407 or DA Form 2407-1 (Maintenance Request Claims and Continuation Sheets), through channels to the supporting repair facility.
- (3) Tag and retain (IAW DA PAM 738-750, The Army Maintenance Management System (TAMMS), and this TB) parts and pieces of parts and/or assemblies removed at the owning

**c. Supporting Repair Facility Will:**

- (1) Identify and verify defects/failures as warrantable (if owning unit has not already identified them).
- (2) Report all defects as soon as possible, but not later than 14 days after the owner first discovered such defect (or should have discovered the defect) and claimed within 2 months. Any reported defect shall be inspected and confirmed by technical personnel from an authorized dealer or service agent of ADI, unless otherwise agreed to in writing.
- (3) Review, process, and submit valid warranty claims to the local WARCO if the DA Form 2407 or DA Form 2407-1 is complete and correctly filled out.
- (4) Reject invalid warranty claims or request additional information for incomplete claims.
- (5) Provide labor as required to accomplish the warrantable repairs, if the contractor directs repairs to be accomplished by the owning unit (see paragraph 6c.).
- (6) Tag and retain (IAW DA PAM 738-750 and this TB) all parts and pieces of parts and/or assemblies removed as a result of the warrantable defect/failure and/or correction. The removed part shall be tagged by machine serial number or registration number and held for up to 45 days. If the part(s) is required to be returned to the contractor, ADI will send a "call" box from UPS for the part to be returned. ADI will pay all freight to return the suspect part if it is required to rule on the warranty claim. In many cases, ADI will inform the user to destroy or dispose of the part locally.

**d. Local WARCO Will:**

- (1) Verify, administer, and process warranty claims to the TACOM IHMEE Program Manager (in accordance with DA PAM 738-750).
- (2) Act as a liaison between owning unit, the manufacturer, supporting repair facility, local dealers, and TACOM.
- (3) Notify the owning units of all warranty claim/acknowledgments/closeouts, information, and/or instructions received from TACOM or the contractor.

**e. Army Oil Analysis Program (AOAP).** The manufacturer's lubrication and service intervals must be followed. Only after the warranty has expired does AOAP apply to this equipment, unless oil sample results indicate the oil and filter of an assembly should be changed PRIOR to the manufacturer's service interval. For further AOAP information, refer to TM 5-2420-230-10 and DA PAM 738-750.

**f. Warranty Data Plate.** All vehicles will have a warranty data plate. The data plate shall be mounted in clear view of the operator. When the vehicle is received, the owning unit should locate the warranty data plate and check the warranty start date with the date shown on the approved acceptance document. If dates differ, disavow the data plate. The date on the approved acceptance document is the actual warranty start date.

**g. Alterations or Modifications.** Alterations or modifications shall not be applied unless authorized by the TACOM IHMEE Program Manager.

**6. CLAIM PROCEDURES.**

- a.** The procedures for reporting warranty claims are found in DA PAM 738-750 and this bulletin. Responsibilities of the Major Army Command (MACOM) are found in AR 700-139 (The Army Warranty Program, Concepts and Policies). For all levels of maintenance operating under the Standard Army Maintenance System (SAMS), Warranty Claim Actions are processed on DA Form 2407 and DA Form 2407-1. It is very important to fill in the blocks on the forms as accurately as possible.
- b.** The contractor shall be notified in writing, utilizing DA Form 2407 by the local WARCO through the

TACOM IHMEE Program Manager, following the discovery of a defect in supplies which require contractor repair and/or replacement parts. This shall be considered formal notification of a warranty claim and start the time period for contractor responsibilities and action under the warranty. This notification shall include, but not be limited to, the equipment serial number, operating hours, part number or NSN of the defective part, and circumstances surrounding the defect(s).

- c.** At the time of receipt of written notification, the contractor will determine whether:
  - (1) The owning unit will correct the defect themselves, or;
  - (2) The contractor will correct the defect.
- d.** If the contractor authorizes the unit or an approved third party to conduct the repairs, ADI will issue the unit a Repair Authorized Approval Code (RAAC). This RAAC must be cited in any subsequent claims to the contractor for reimbursement. All work implemented under this warranty must be performed according to the appropriate technical manual.
- e.** Upon completion of repair, the owning unit will forward completed warranty claims information to TACOM IHMEE Program Manager. The local WARCO will forward claims to TACOM IHMEE Program Manager using DA Form 2407 for any warrantable repairs (parts and labor) accomplished by the owning unit which require contractor reimbursement to the Government.
- f.** The contractor shall reimburse the Government for the cost of labor and/or ADI-approved replacement parts involved in the contractor-authorized government correction of the defect. Warranty claims for reimbursement where repair labor costs and replacement parts costs combined exceed \$100 value need to be preapproved by ADI. After approval, a level of effort will be agreed to, prior to the start of repairs. The cost of labor will be computed at the rate of \$46.00 per hour, up to the approved time to repair/replace as stated in the MAC.
- g.** Identification of failed items. Failed warranty items shall be tagged/identified by machine serial number or registration number to prevent improper repair or use. Documents that describe the use of DA Form



2402 Exchange Tag and DA Form 2407 Maintenance Request shall be referenced. Items requiring special handling, storage, or shipment during the processing of claims shall be identified.

- h.* Disposition. The repair activity shall retain defective parts for 45 days following receipt of acknowledgment of a warranty claim from TACOM IHMEE Program Manager or the contractor. If receipt of acknowledgment is not received, inquiries should be made to the TACOM IHMEE Program Manager through your local WARCO. If receipt of acknowledgment is received but no instructions are forthcoming within 45 days of receipt, parts may be disposed of.
- i.* Replaced Parts. When replaced parts are required to be returned to ADI, the return will be arranged and paid for by ADI. Any defective parts that are replaced become the property of ADI.
- j.* Invalid Warranty Claims. When parts inspected by the contractor are found to be nonwarrantable due to abuse or improper maintenance, the repair activity submitting the claim will be required to make reimbursement for contractor services. All failed items returned for warranty claim action will be monitored by the TACOM IHMEE Program Manager.

**7. CLAIM DENIAL/DISPUTES.** All denials or disputes will be handled by the TACOM IHMEE Program Manager.

**8. REPORTING.** Reporting or recording action on failed items shall be as specified in DA PAM 738-750. Contractor or Repair Activity unique forms shall not be used.

**9. STORAGE/SHIPMENT/HANDLING.**

- a.* **Storage.** Refer to Appendix A.
- b.* **Shipment.** See paragraph 4b and refer to TM 5-2420-230-24-1.
- c.* **Handling.** The following regular maintenance must be performed during the ADI and OEM warranty periods:
  - (1) The following maintenance must be performed after the initial 50 hours of operation on a new

vehicle, or when the transmission, drivetrain, or hydraulic system has been fully overhauled:

- (a) Check transmission for damage, leaks, and correct operation.
  - (b) Replace transmission oil filters.
  - (c) Change axle and hub oil.
  - (d) Change hydraulic oil filter.
  - (e) Perform daily PMCS.
- (2) The following maintenance must be performed after the initial 100 hours of operation on a new vehicle, or when the transmission, drivetrain, or hydraulic system has been fully overhauled:
- (a) Check transmission for damage, leaks, and correct operation.
  - (b) Replace transmission oil filters.
  - (c) Perform daily PMCS.
- (3) The engine oil and filter must be changed every 3 months/250 hours/12,000 mi (20 000 km) for the Cummins engine warranty period specified in Appendix B.
- (4) The transmission oil filters must be changed every 6 months/500 hours/24,000 mi (40 000 km) for the Drivetrain transmission warranty period specified in Appendix B.

**10. REIMBURSEMENT FOR ARMY REPAIR.** The contractor shall forward payment quarterly, for all reimbursable warranty claims submitted by the Government during the previous quarter.

**Payments shall be sent to:**

**Commander  
US Army Tank-automotive and Armaments  
Command  
ATTN: AMSTA-LC-AF-BU  
Warren, MI 48397-5000**

**Make checks payable to:  
Treasurer of the United States**

The payment shall be accomplished by a statement identifying the user's warranty claim number, Unit Identification Code (UIC) of each claim, date of each claim, amount of each claim broken out by parts and labor, and contract number(s).

## APPENDIX A

### VEHICLE STORAGE

---

**1. PURPOSE.** A vehicle storage report (Figure 1) must be partially prepared for each newly-delivered vehicle placed in Government storage, and completed when each vehicle is removed from storage and placed in service. Completion of this report is an important aspect of vehicle warranty terms between the Government and ADI. It must be prepared properly and submitted in a timely manner (within 45 days of vehicle receipt) so the Government fully realizes the intended warranty benefits.

**2. USE OF VEHICLE STORAGE REPORT.** ADI will provide blank report forms to the Government representative prior to vehicle removal from the plant. The forms will be filled in for each vehicle shipped from ADI and distributed as follows:

- a.* Part I is completed by ADI's Government representative when the vehicle leaves ADI for the storage facility.
- b.* Part II is completed by the depot representative when the vehicle is placed in storage, with copies made and distributed as follows:

- (1) One to ADI Limited -  
ATTN: Warranty Administration  
Finn Street  
Bendigo, VIC Australia 3550  
Telephone: +61 3 5440 4423  
Fax: +61 3 5440 1721
- (2) One to Oshkosh Truck Corporation -  
ATTN: IHMEE Project Manager  
P.O. Box 2566  
Oshkosh, WI 54903-2566
- (3) One to vehicle
- (4) One to depot file
- (5) One to Commander, USA TACOM  
ATTN: AMSTA-LC-AH  
Warren, MI 48397-5000

- c.* Part III is completed by the depot representative when the vehicle is removed from storage, with copies made and distributed as follows:

- (1) One to ADI Limited -  
ATTN: Warranty Administration  
Finn Street  
Bendigo, VIC Australia 3550  
Telephone: +61 3 5440 4423  
Fax: +61 3 5440 1721
- (2) One to Oshkosh Truck Corporation -  
ATTN: IHMEE Project Manager  
P.O. Box 2566  
Oshkosh, WI 54903-2566
- (3) One to vehicle
- (4) One to Commander, USA TACOM  
ATTN: AMSTA-LC-CHH  
Warren, MI 48397-5000
- (5) One to Commander, USA TACOM  
ATTN: AMSTA-LC-AH  
Warren, MI 48397-5000
- (6) One to depot file

### **3. STORAGE MAINTENANCE PROCEDURES.**

Before placing a vehicle in storage, all storage procedures listed in TM 5-2420-230-24-1 must be performed.

**VEHICLE STORAGE REPORT**  
FOR  
**INTERIM HIGH-MOBILITY ENGINEER EXCAVATOR (IHMEE)**  
(CONTRACT DAAE07-02-C-T015)

**1. VEHICLE DATA**

- a. *Chassis Serial No.:* \_\_\_\_\_
- b. *DD Form 250 Acceptance Date:* \_\_\_\_\_
- c. *DD Form 250 Shipment Date:* \_\_\_\_\_

**2. DEPOT STORAGE ENTRY DATA**

- a. *Location:* \_\_\_\_\_
- b. *Storage Date:* \_\_\_\_\_
- c. *Vehicle Mileage:* \_\_\_\_\_
- d. *Date Report Forwarded to ADI:* \_\_\_\_\_
- e. *Depot Representative Signature:* \_\_\_\_\_

**3. DEPOT STORAGE REMOVAL DATA**

- a. *Removal Date:* \_\_\_\_\_
- b. *Vehicle Mileage:* \_\_\_\_\_
- c. *Final Destination:* \_\_\_\_\_
- d. *Date Report Forwarded to ADI:* \_\_\_\_\_
- e. *Depot Representative Signature:* \_\_\_\_\_

*Figure 1. Vehicle Storage Report*

**APPENDIX B**  
**ORIGINAL EQUIPMENT MANUFACTURER (OEM)**  
**WARRANTY FLOW-THROUGH**

Table B-1 outlines the warranty terms and durations provided by the OEMs for specific IHMEE components. Table B-2 provides warranty-related contact information for each OEM.

**Table B-1. OEM Warranty Terms and Conditions.**

<b>Company</b>	<b>Equipment</b>	<b>Warranty Activation</b>	<b>Warranty conditions</b>
Dana	Drive-shafts and Steering-shafts	Vehicle handoff to the U.S. Government	Warranty on drive shafts and steering shafts is 12 months or 62,000 mi. (100 000 km), whichever occurs first.
Cummins Australia	Engine	Vehicle handoff to the U.S. Government	Warranty covers 2 years or 2,000 hours of operation, whichever occurs first.
Bridgestone	Tires	Date of manufacture or date of purchase	Warranty covers tires for 5 years from manufacture or 4 years from date of purchase.
Air International Australia	Air-conditioner	Date air conditioner is charged at ADI	Warranty terms are 1-year conditional warranty for parts and labor from date of air conditioner charging at ADI.
Drivetrain	Transmission and Axles	Vehicle handoff to the U.S. Government or 12 months after delivery from Drivetrain	Warranty covers 12 months after delivery to first ultimate user or 2,000 hours of operation, whichever occurs first.
Sheppard	Steering Box	Vehicle handoff to the U.S. Government or 50 days after delivery from ADI	Warranty terms are 12 months (unlimited mileage).
Case Australia	Back-hoe	Date of supply	Any part provided to service a unit will be an in-parts claim, and is for a period of 180 days from supply.


**Table B-2. OEM Contact Information.**

Company	Contact Information
Cummins Australia	191 - 195 Boundry Road Laverton North, VIC, 3026, Australia Telephone: +61-2-9673-7586 Facsimile: +61-2-9673-4588
Bridgestone	Bridgestone Earthmover Tyres Pty, Ltd. 223 Rockwood Road Yagoona, NSW, 2199, Australia Telephone: +61-2-9722-6111 Facsimile: +61-2-9722-6199  Bridgestone/Firestone Off Road Tire Company 565 Marriott Drive Suite 600 P.O. Box 140993 Nashville, TN 37214 Telephone: 615-231-5700 Facsimile: 615-231-5796
Air International Transit Australia	3 Distillers Place Hubtingwood, NSW 2148, Australia Telephone: +61-3-8368-0837 Facsimile: +61-3-9360-0438
Drivetrain Australia (Dana components)	29 Tarlington Place Smithfield, NSW, 2164, Australia Telephone: +61-2-9604-8566 Facsimile: +61-2-9725-2316
Sheppard	101 Philadelphia Street P.O. Box 887 Hanover, PA 17331-0877 Telephone: 717-637-3751 Facsimile: 717-633-4125
Case Australia	31-67 Kurrajong Road St Marys, NSW, 2760, Australia Telephone: +61-2-9673-7586 Facsimile: +61-2-9673-4588



By Order of the Secretary of the Army:

Official:

  
JOEL B. HUDSON  
*Administrative Assistant to the  
Secretary of the Army*

0315501

PETER J. SCHOOMAKER  
*General, United States Army  
Acting Chief of Staff*

**DISTRIBUTION:** To be distributed in accordance with the initial distribution requirements for IDN:  
256770, requirements for TB 5-2420-230-14.





<b>RECOMMENDED CHANGES TO PUBLICATIONS AND BLANK FORMS</b> For use of this form, see AR 25-30; the proponent agency is ODISC4.						Use Part II (reverse) for Repair Parts and Special Tool Lists (RPSTL) and Supply Catalogs/Supply Manuals (SC/SM).	DATE
<b>TO:</b> (Forward to proponent of publication or form) (Include ZIP Code) AMSTA-LC-CI TECH PUBS, TACOM-RI 1 Rock Island Arsenal Rock Island, IL 61299-7630						<b>FROM:</b> (Activity and location) (Include ZIP Code) <b>Your mailing address</b>	
<b>PART I - ALL PUBLICATIONS (EXCEPT RPSTL AND SC/SM) AND BLANK FORMS</b>							
PUBLICATION/FORM NUMBER TB 5-2420-230-14						DATE 01 OCT 2003	Title Warranty Program for Interim High-Mobility Engineer Excavator (IHMEE)
ITEM NO.	PAGE NO.	PARA-GRAPH	LINE NO.*	FIGURE NO.	TABLE NO.	RECOMMENDED CHANGES AND REASON <i>(Provide exact wording of recommended changes, if possible.)</i>	
		2-115	(14)(d)			<p style="text-align: center; font-size: 2em; font-weight: bold;">SAMPLE</p>	
<i>* Reference to line numbers within the paragraph or subparagraph.</i>							
TYPED NAME, GRADE OR TITLE				TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION		SIGNATURE	

<b>TO:</b> (Forward to proponent of publication or form) (Include ZIP Code) AMSTA-LC-CI TECH PUBS, TACOM-RI 1 Rock Island Arsenal Rock Island, IL 61299-7630	<b>FROM:</b> (Activity and location) (Include ZIP Code)	DATE
---	---	------

**PART II - REPAIR PARTS AND SPECIAL TOOL LISTS AND SUPPLY CATALOGS/SUPPLY MANUALS**

PUBLICATION/FORM NUMBER TB 5-2420-230-14	DATE 01 OCT 2003	TITLE Warranty Program for Interim High-Mobility Engineer Excavator (IHMEE)
---	---------------------	--

PAGE NO.	COLM NO.	LINE NO.	FEDERAL STOCK NUMBER	REFERENCE NO.	FIGURE NO.	ITEM NO.	TOTAL NO. OF MAJOR ITEMS SUPPORTED	RECOMMENDED ACTION

**PART III - REMARKS** (Any general remarks or recommendations, or suggestions for improvement of publications and blank forms. Additional blank sheets may be used if more blank space is needed.)

TYPED NAME, GRADE OR TITLE	TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION	SIGNATURE
----------------------------	---	-----------

<b>RECOMMENDED CHANGES TO PUBLICATIONS AND BLANK FORMS</b> For use of this form, see AR 25-30; the proponent agency is ODISC4.						Use Part II (reverse) for Repair Parts and Special Tool Lists (RPSTL) and Supply Catalogs/Supply Manuals (SC/SM).	DATE
<b>TO:</b> (Forward to proponent of publication or form) (Include ZIP Code) AMSTA-LC-CI TECH PUBS, TACOM-RI 1 Rock Island Arsenal Rock Island, IL 61299-7630						<b>FROM:</b> (Activity and location) (Include ZIP Code)	
<b>PART I - ALL PUBLICATIONS (EXCEPT RPSTL AND SC/SM) AND BLANK FORMS</b>							
PUBLICATION/FORM NUMBER TB 5-2420-230-14						DATE 01 OCT 2003	Title Warranty Program for Interim High-Mobility Engineer Excavator (IHMEE)
ITEM NO.	PAGE NO.	PARA-GRAPH	LINE NO.*	FIGURE NO.	TABLE NO.	RECOMMENDED CHANGES AND REASON (Provide exact wording of recommended changes, if possible.)	
<i>* Reference to line numbers within the paragraph or subparagraph.</i>							
TYPED NAME, GRADE OR TITLE				TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION		SIGNATURE	

<b>TO:</b> (Forward to proponent of publication or form) (Include ZIP Code) AMSTA-LC-CI TECH PUBS, TACOM-RI 1 Rock Island Arsenal Rock Island, IL 61299-7630	<b>FROM:</b> (Activity and location) (Include ZIP Code)	DATE
---	---	------

**PART II - REPAIR PARTS AND SPECIAL TOOL LISTS AND SUPPLY CATALOGS/SUPPLY MANUALS**

PUBLICATION/FORM NUMBER TB 5-2420-230-14	DATE 01 OCT 2003	TITLE Warranty Program for Interim High-Mobility Engineer Excavator (IHMEE)
---	---------------------	---

PAGE NO.	COLM NO.	LINE NO.	FEDERAL STOCK NUMBER	REFERENCE NO.	FIGURE NO.	ITEM NO.	TOTAL NO. OF MAJOR ITEMS SUPPORTED	RECOMMENDED ACTION

**PART III - REMARKS** (Any general remarks or recommendations, or suggestions for improvement of publications and blank forms. Additional blank sheets may be used if more blank space is needed.)

TYPED NAME, GRADE OR TITLE	TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION	SIGNATURE
----------------------------	--	-----------

<b>RECOMMENDED CHANGES TO PUBLICATIONS AND BLANK FORMS</b> For use of this form, see AR 25-30; the proponent agency is ODISC4.						Use Part II (reverse) for Repair Parts and Special Tool Lists (RPSTL) and Supply Catalogs/Supply Manuals (SC/SM).	DATE
<b>TO:</b> (Forward to proponent of publication or form) (Include ZIP Code) AMSTA-LC-CI TECH PUBS, TACOM-RI 1 Rock Island Arsenal Rock Island, IL 61299-7630						<b>FROM:</b> (Activity and location) (Include ZIP Code)	
<b>PART I - ALL PUBLICATIONS (EXCEPT RPSTL AND SC/SM) AND BLANK FORMS</b>							
PUBLICATION/FORM NUMBER TB 5-2420-230-14						DATE 01 OCT 2003	Title Warranty Program for Interim High-Mobility Engineer Excavator (IHMEE)
ITEM NO.	PAGE NO.	PARA-GRAPH	LINE NO.*	FIGURE NO.	TABLE NO.	RECOMMENDED CHANGES AND REASON <i>(Provide exact wording of recommended changes, if possible.)</i>	
<i>* Reference to line numbers within the paragraph or subparagraph.</i>							
TYPED NAME, GRADE OR TITLE				TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION		SIGNATURE	

<b>TO:</b> <i>(Forward to proponent of publication or form) (Include ZIP Code)</i> AMSTA-LC-CI TECH PUBS, TACOM-RI 1 Rock Island Arsenal Rock Island, IL 61299-7630	<b>FROM:</b> <i>(Activity and location) (Include ZIP Code)</i>	DATE
--	--	------

**PART II - REPAIR PARTS AND SPECIAL TOOL LISTS AND SUPPLY CATALOGS/SUPPLY MANUALS**

PUBLICATION/FORM NUMBER TB 5-2420-230-14	DATE 01 OCT 2003	TITLE Warranty Program for Interim High-Mobility Engineer Excavator (IHMEE)
---	---------------------	--

PAGE NO.	COLM NO.	LINE NO.	FEDERAL STOCK NUMBER	REFERENCE NO.	FIGURE NO.	ITEM NO.	TOTAL NO. OF MAJOR ITEMS SUPPORTED	RECOMMENDED ACTION

**PART III - REMARKS** *(Any general remarks or recommendations, or suggestions for improvement of publications and blank forms. Additional blank sheets may be used if more blank space is needed.)*

TYPED NAME, GRADE OR TITLE	TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION	SIGNATURE
----------------------------	---	-----------

<b>RECOMMENDED CHANGES TO PUBLICATIONS AND BLANK FORMS</b> For use of this form, see AR 25-30; the proponent agency is ODISC4.						Use Part II (reverse) for Repair Parts and Special Tool Lists (RPSTL) and Supply Catalogs/Supply Manuals (SC/SM).	DATE
<b>TO:</b> (Forward to proponent of publication or form) (Include ZIP Code) AMSTA-LC-CI TECH PUBS, TACOM-RI 1 Rock Island Arsenal Rock Island, IL 61299-7630						<b>FROM:</b> (Activity and location) (Include ZIP Code)	
<b>PART I - ALL PUBLICATIONS (EXCEPT RPSTL AND SC/SM) AND BLANK FORMS</b>							
PUBLICATION/FORM NUMBER TB 5-2420-230-14						DATE 01 OCT 2003	Title Warranty Program for Interim High-Mobility Engineer Excavator (IHMEE)
ITEM NO.	PAGE NO.	PARA-GRAPH	LINE NO.*	FIGURE NO.	TABLE NO.	RECOMMENDED CHANGES AND REASON <i>(Provide exact wording of recommended changes, if possible.)</i>	
<i>* Reference to line numbers within the paragraph or subparagraph.</i>							
TYPED NAME, GRADE OR TITLE				TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION		SIGNATURE	

<b>TO:</b> <i>(Forward to proponent of publication or form) (Include ZIP Code)</i> AMSTA-LC-CI TECH PUBS, TACOM-RI 1 Rock Island Arsenal Rock Island, IL 61299-7630	<b>FROM:</b> <i>(Activity and location) (Include ZIP Code)</i>	DATE
--	--	------

**PART II - REPAIR PARTS AND SPECIAL TOOL LISTS AND SUPPLY CATALOGS/SUPPLY MANUALS**

PUBLICATION/FORM NUMBER TB 5-2420-230-14	DATE 01 OCT 2003	TITLE Warranty Program for Interim High-Mobility Engineer Excavator (IHMEE)
---	---------------------	---

PAGE NO.	COLM NO.	LINE NO.	FEDERAL STOCK NUMBER	REFERENCE NO.	FIGURE NO.	ITEM NO.	TOTAL NO. OF MAJOR ITEMS SUPPORTED	RECOMMENDED ACTION

**PART III - REMARKS** *(Any general remarks or recommendations, or suggestions for improvement of publications and blank forms. Additional blank sheets may be used if more blank space is needed.)*

TYPED NAME, GRADE OR TITLE	TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION	SIGNATURE
----------------------------	---	-----------





PIN 080851-001