

TECHNICAL MANUAL

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE

**ENGINE, DIESEL: 8 CYLINDER, NATURALLY ASPIRATED,
FUEL-INJECTED, WATER COOLED,
DDA MODEL 6.2 LITER (PRE-1990)
(NSN 2815-01-231-3672),**

(POST-1990) (NSN 2815-01-314-7940);

**DDA MODEL 6.5 LITER (NSN 2815-01-410-9710) (1995,1996),
(NSN 2815-01-439-6665) (1997),
(NSN 2815-01-453-7403) (1998);**

**ENGINE, DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED,
FUEL-INJECTED, WATER COOLED,
DDA MODEL 6.5 LITER (NSN 2815-01-406-6675) (1996),
(NSN 2815-01-439-6664) (1997),
(NSN 2815-01-453-7404) (1998);**

**ENGINE, DIESEL: 8 CYLINDER, TURBOCHARGED,
FUEL-INJECTED, WATER COOLED,
(NSN 2815-01-420-4180) (1996),
(NSN 2815-01-439-8164) (1997),
(NSN 2815-01-453-7402) (1998).**

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**HEADQUARTERS, DEPARTMENTS OF THE ARMY,
THE AIR FORCE, AND MARINE CORPS**

JANUARY 1996

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AIR FORCE TO 38V1-6-2
MARINE CORPS TM 2815-34/3 A**

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Washington, D.C., 31 January 1996**

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REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

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* This publication supersedes TM 9-2815-237-34 dated 25 June 1985 and all changes.

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CHAPTER 1

INTRODUCTION

Section I. GENERAL INFORMATION

1-1. SCOPE

This technical manual contains instructions for direct support and general support maintenance of the 6.2 liter naturally aspirated, 6.5 liter naturally aspirated detuned, and 6.5 liter turbo V-8 diesel engines.

1-2. MAINTENANCE FORMS, RECORDS, AND REPORTS

(Army) Department of the Army forms and procedures used for equipment maintenance will be those prescribed by DA Pam 738-750, The Army Maintenance Management System (TAMMS). (Marine Corps) Refer to MCO 4855-10.

1-3. DESTRUCTION OF ARMY EQUIPMENT TO PREVENT ENEMY USE

Procedures for destruction of Army tank-automotive equipment to prevent enemy use are found in TM 750-244-6.

1-4. PREPARATION FOR SHIPMENT

(Army) Refer to TM 746-10, Marking, Packaging, and Shipment of Supplies and Equipment: General Packaging Instructions for Field Use. (Marine Corps) Refer to MCO 4450-7.

1-5. EQUIPMENT REQUIRING CALIBRATION

Calibration requirements in this manual cover the fuel injection pump and can be found in paras. 2-33, 2-34, and 2-35 of this manual.

1-6. REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIRs)

If your vehicle needs improvement, let us know. Send us an EIR. You, the user, are the only one who can tell us what you don't like about your equipment. Let us know why you don't like the design or performance. The preferred method for submitting QDRs is through the Army Electronic Product Support (AEPS) website under the Electronic Deficiency Reporting System (EDRS). The web address is: <https://aeps.ria.army.mil>. This is a secured site requiring a password that can be applied for on the front page of the website. If the above method is not available to you, put it on an SF 368, Product Quality Deficiency Report (PQDR), and mail it to us at: Department of the Army, U.S. Army Tank-automotive and Armaments Command, ATTN: AMSTA-TR-E/PQDR MS 267, 6501 E. 11 Mile Road, Warren, MI 48397-500. We'll send you a reply. (Marine Corps) Submit QDR's in accordance with MCO 4855-10.

1.7. EQUIPMENT IMPROVEMENT REPORT AND MAINTENANCE DIGEST (EIR MD)

The quarterly Equipment Improvement Report and Maintenance Digest, TB 43-0001-62 series, contains valuable field information on the equipment covered in this manual. The information in the TB 43-0001-62 series is compiled from some of the Equipment Improvement Reports that you prepared on the vehicles covered in this manual. Many of these articles result from comments, suggestions, and improvement recommendations that you submitted to the EIR program. The TB 43-0001-62 series contains information on equipment improvements, minor alterations, proposed Modification Work Orders (MWOs), warranties (if applicable), actions taken on some of your DA Form 2028s (Recommended Changes to Publications and Blank Forms), and advance information on proposed changes that may affect this manual. The information will help you in doing your job better and will help in keeping you advised of the latest changes to this manual. Also refer to DA Pam 25-30, Consolidated Index of Army Publications and Blank Forms, and appendix A, References, of this manual. (Marine Corps) Submit QDR's in accordance with MCO 4855-10. For those with access to the World Wide Web (WWW), the EIR MD can be viewed through the Army Electronic Product Support. The site is <http://aeps.ria.army.mil>.