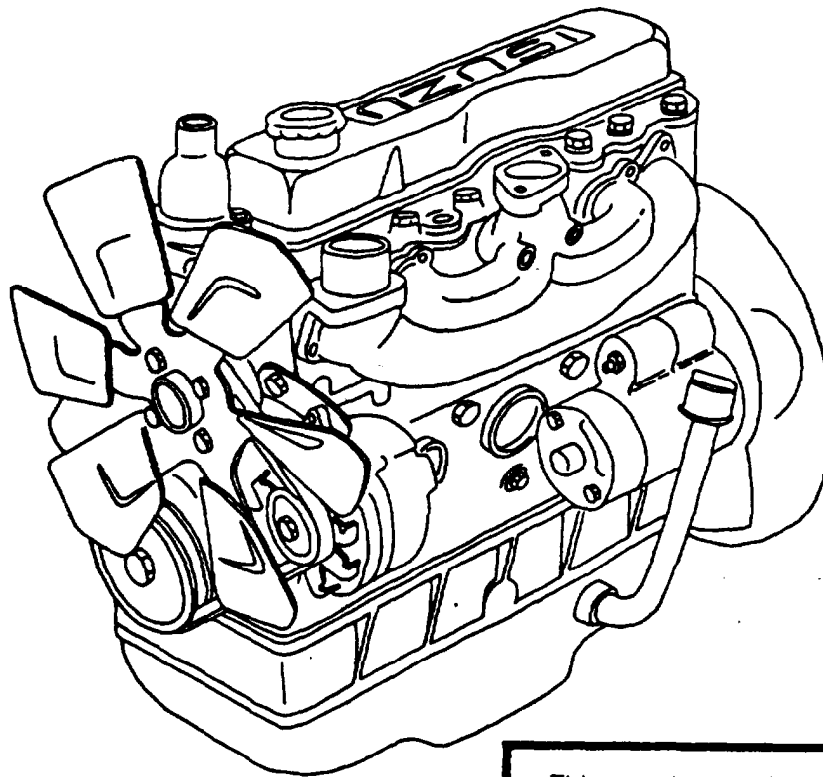


TECHNICAL MANUAL

**UNIT, DIRECT SUPPORT AND
GENERAL SUPPORT MAINTENANCE INSTRUCTIONS**

**DIESEL ENGINE
MODEL C-240PW-28
4 CYLINDER 2.4 LITER
NSN: 2815-01-350-2207**



This copy is a reprint which includes current
pages from Changes 1 and 2.

**HEADQUARTERS, DEPARTMENTS OF THE ARMY AND
THE AIR FORCE
1 SEPTEMBER 1993**

TECHNICAL MANUAL

NO. 9-2815-254-24

HEADQUARTERS
DEPARTMENTS OF THE ARMY AND THE AIR FORCE
WASHINGTON, D.C., 1 September 1993

Unit, Direct Support and General Support Maintenance Instructions

DIESEL ENGINE
MODEL C-24OPW-28
4 CYLINDER 2.4 LITER
NSN: 2815-01-350-2207

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 these procedures, please let us know.

(A) Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual directly to: Commander, US Army Aviation and Troop Command, ATTN: AMSAT-I-MP, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. You may also submit your recommended changes by E-mail directly to < mpmt%avma28@st-louis-emh7.army.mil>. Instructions for sending an electronic 2028 may be found at the back of this publication immediately preceding the hard copy 2028.

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CHAPTER 1 INTRODUCTION

SECTION I. GENERAL INFORMATION

1-1. SCOPE.

- 1-1.1. Type of Manual. This manual contains unit, direct support, and general support maintenance instructions for the Model C240 Diesel Engine, hereafter referred to as engine. Also included are descriptions of major systems/components and their functions in relation to other systems/components.
- 1-1.2. Purpose of Equipment. The engine provides a driving force for generators or other equipment requiring this size (HP rating) and compatibility.

1-2. MAINTENANCE FORMS RECORDS AND REPORTS.

- 1-2.1. Reports of Maintenance Unsatisfactory Equipment. 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). Air Force personnel will use AFR 66-1, Air Force Maintenance Management Policy, for maintenance reporting and TO-00-35D54 for unsatisfactory equipment reporting.
- 1-2.2. Reporting of Item and Packaging Discrepancies. Fill out and forward SF 364 (Report of Discrepancy (ROD)) as prescribed in AR 735-11-2/DLAR 414-55/SECNAVINST 4355.18/AFR 400-54/MCO 4430.3J.
- 1-2.3. Transportation Discrepancy Report (TDR) (SF 361). Fill out and forward Transportation Discrepancy Report (TDR) (SF 331) as prescribed in AR 55-38/NAVSUPINST 4610.33C/AFR 75-18/MCO P4610.19D/DLAR 4500.15.

1-3. REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR).

- 1-3.1. Army. If your Military Standard Engine 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. Put it on an SF 368 (Product Quality Deficiency Report). Mail it to us at: Commander, US. Army Aviation and Troop Command, ATTN: AMSAT-I-MDO, 4300 Goodfellow Boulevard, St. Louis, Missouri 63120-1798. We will send you a reply.
- 1-3.2. Air Force. Air Force personnel are encouraged to submit EIR's in accordance with AFR 900-4.