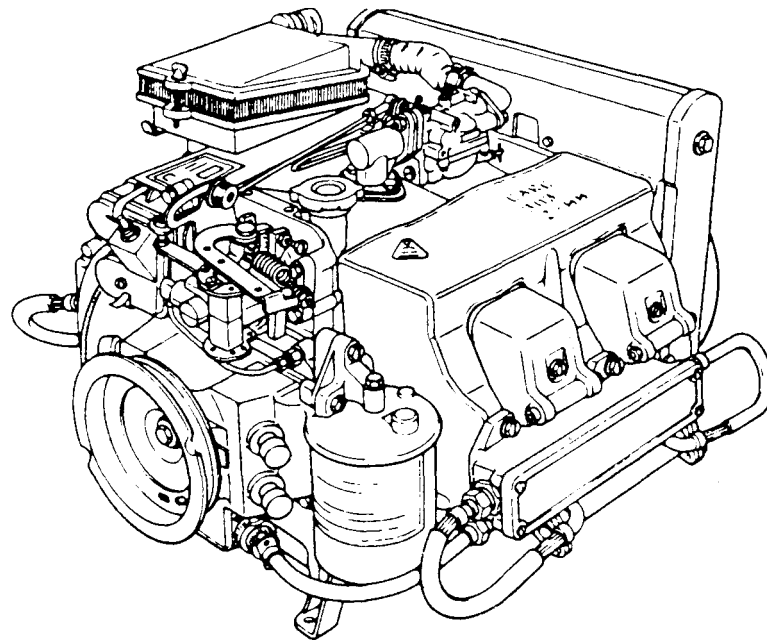


**\* ARMY TM 9-2805-262-14  
AIR FORCE TO 38G2-90-1  
NAVY NAVFACP-8-613-14E**

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TECHNICAL MANUAL

**OPERATOR, UNIT, DIRECT SUPPORT AND  
GENERAL SUPPORT MAINTENANCE MANUAL**



**ENGINE GASOLINE, 6 HP  
MILITARY STANDARD MODELS  
(MODEL 4A032-1, NSN 2805-00-776-0483)  
(MODEL 4A032-2, NSN 2805-00-068-7512)  
(MODEL 4A032-3, NSN 2805-01-139-0596)  
(MODEL 4A032-4, NSN 2805-01-276-5946)**

Approved for public release; distribution is unlimited

\* This manual supersedes TM 9-2805-203-14/TO 38G2-90-1/NAVFACP-8-813-14E,  
28 September 1990, including all changes

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**HEADQUARTERS, DEPARTMENTS OF THE ARMY,  
THE AIR FORCE, AND THE NAVY  
30 SEPTEMBER 1991**

TECHNICAL MANUAL

**HEADQUARTERS, DEPARTMENTS OF  
THE ARMY, AND THE AIR FORCE, AND  
THE NAVY, WASHINGTON, D.C.  
30 SEPTEMBER 1991**

NO. 2

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**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. 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>. A reply will be furnished directly to you. Instructions for sending an electronic 2028 may be found at the back of this manual immediately preceding the hard copy 2028.

For the Air Force, submit AFTO Form 22 (Technical Order System Publication Improvement Report and Reply) in accordance with paragraph 6-5, Section VI, T.O. 00-5-1. Forward directly to Commander, San Antonio, Air Logistics Center, ATTN: SA-ALC/TILD, 485 Quentin Roosevelt Road, Kelly AFB, TX 78241-6421

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This manual supersedes TM 9-2805-203-144P/TO 38G2-90-1/NAVFAC P-8-613-14E, dated 28 September 1990, including all changes.

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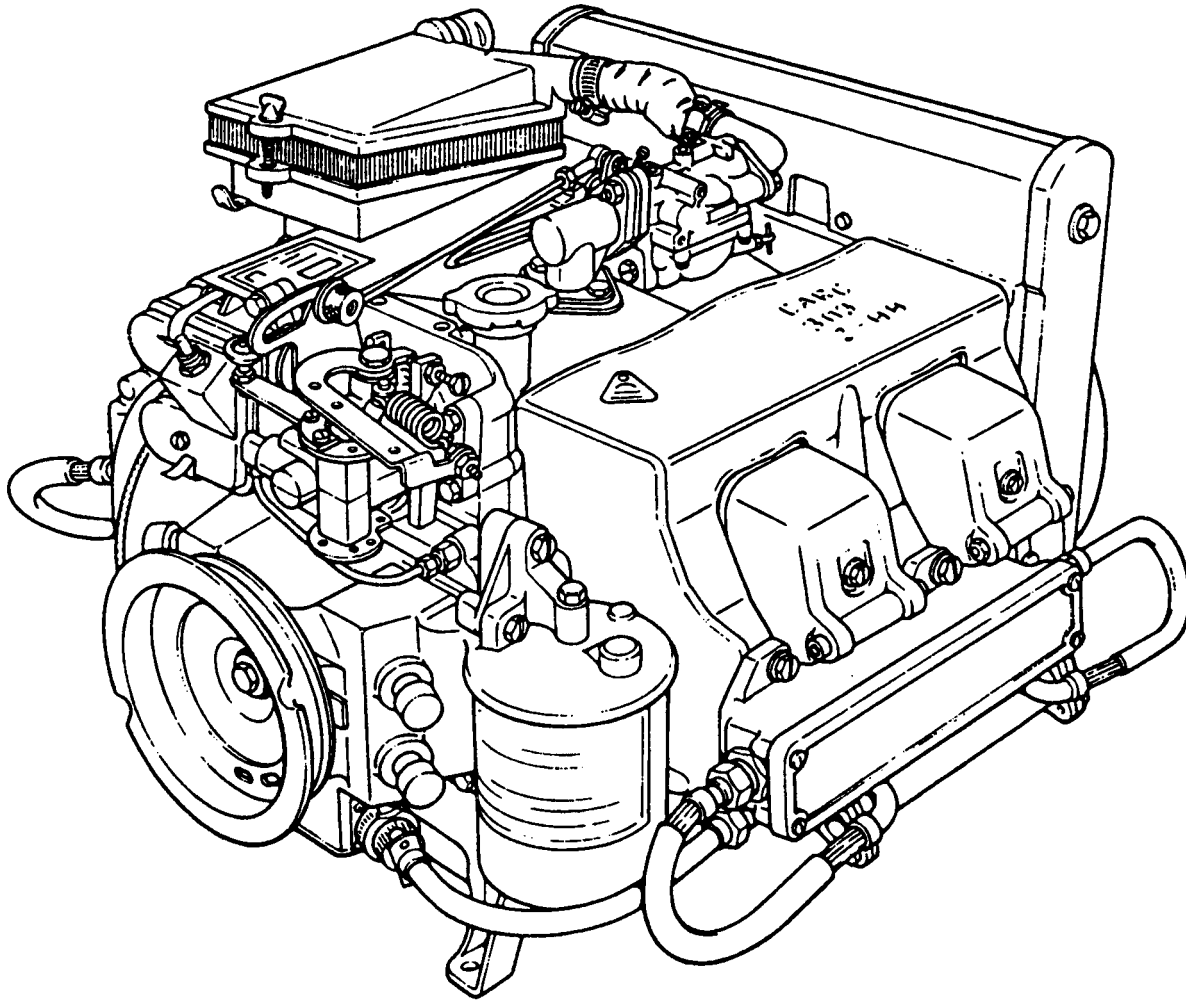
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Figure 1-1. Military Standard Engine.

## CHAPTER 1

### INTRODUCTION

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### OVERVIEW

This chapter contains general information pertaining to 6HP Military Standard Engine and its components.

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**1-1. Scope.** This manual contains operator, unit, direct support and general support maintenance for the 6HP Military Standard Engine, Models 4A032-1, -2, -3, and -4 (figures 1-1, 1-2, and 1-3).

**1-2. Consolidated Index of Army Publications and Blank Forms.** Refer to the latest issue of DA PAM 25-30 to determine whether there are new editions, changes, or additional publications pertaining to the equipment

#### 1-3. Maintenance Forms, Records and Reports.

a. Reports of Maintenance and Unsatisfactory Equipment. Department of the Army forms and procedures used for equipment maintenance will be those prescribed by DA Pam 738-750, as contained in Maintenance Management Update. Air Force personnel will use AFR 66-1 (Air Force Maintenance Management Policy) for maintenance reporting and TO-00-35D54 for unsatisfactory equipment reporting. Navy personnel will report maintenance performed utilizing the Maintenance Data Collection Subsystem (MDCS) IAW OPNAVINST 4790.2, Vol 3 and unsatisfactory material/conditions (UR submissions) IAW OPNAVINST 4790.2, Vol 2, chapter 17.

b. Reporting of Item and Packing Discrepance Fill out and forward SF 364 (Report of Discrepancy (ROD)) as prescribed in AR 735-;I-JDL;R 414- && ECNAVINST 4355.18/AFR 400-54.

c. Transportation Discrepancy Report (TDR) (SF 361). Fill out and forward Transportation Discrepancy Report (TDR) (SF 361) as prescribed in AR 55-28/NAVUSPINST 4610.33C/AFR 75-18/DLAR 4500.15.