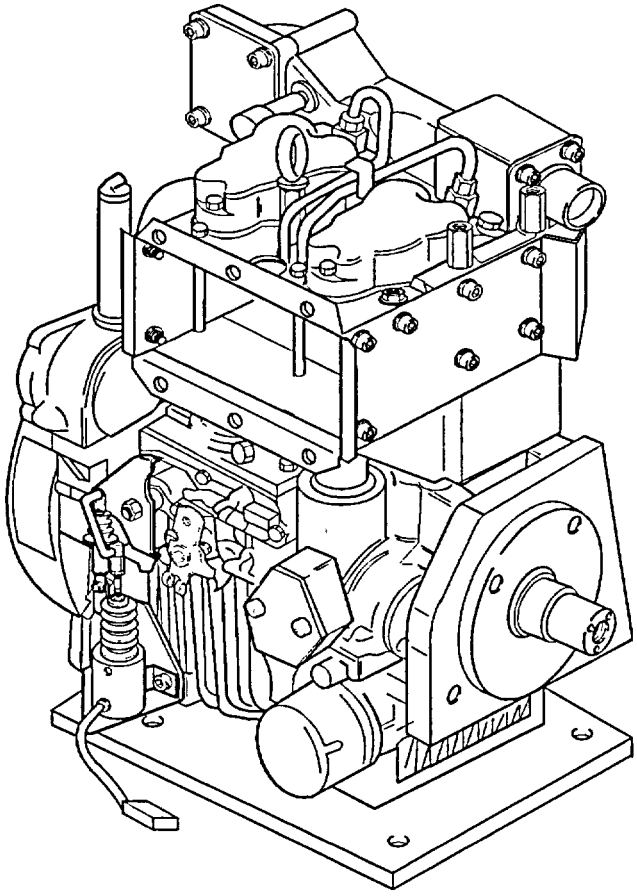
TECHNICAL MANUAL

UNIT, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE MANUAL (INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST) FOR ENGINE ASSEMBLY, DIESEL HATZ 2 G 40 (NSN 2815-01-446-3500) EIC: AKA



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REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or know of a way to improve the procedures, please let us know. Mail your letter, 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, U.S. Army Tankautomotive and Armaments Command, ATTN: AMSTA-AC-NML, Rock Island, IL 61299-7630. A reply will be furnished to you.

You may also provide DA Form 2028-2 information to TACOM via datafax or e-mail:

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HOW TO USE THIS MANUAL

SCOPE.

This technical manual contains Unit, Direct Support, and General Support maintenance procedures for the Diesel Engine Assembly, Hatz 2 G 40. Chapter 1 contains general information; Chapter 2 describes and illustrates Unit troubleshooting and maintenance procedures; and Chapter 3 describes and illustrates Direct Support and General Support troubleshooting and maintenance procedures. Seven appendixes and a subject index are also included in this manual.

INDEXING.

Four Indexing procedures are used to help you locate information quickly:

- Cover index. Lists chapter titles and important parts of this manual, with corresponding page numbers. Each chapter or part listed is boxed in, with a black outer edge that is in line with the first page of that chapter or part.
- Table of contents. The table of contents follows the summary of warnings. The table of contents lists all chapters and sections numerically, with corresponding page numbers.
- Section indexes. Each section starts with a numerical listing of all paragraphs in that section.
- Alphabetical index. The alphabetically arranged subject index starts on page Index 1.

TEXT AND ILLUSTRATIONS.

1. Each chapter is divided into sections; each section begins with a numencal listing of all paragraphs.

2. Each paragraph in the maintenance chapters (2 and 3) contains the following information, as appropriate:

   - The common or special tools and test equipment required to perform the procedures are listed under the heading 'Tools/Test Equipment." Information (e.g., part numbers and national stock numbers) for all common and special tools is given in Appendix G.
   - Materials and mandatory replacement parts that will be discarded during performance of the procedure are listed under the heading "Materials/Parts." A materials/parts list does not contain items that may be replaced If found defective during inspection. Also, the list does not contain the item cited in the paragraph title. Information on the materials is In Appendix D, and information on the mandatory replacement parts is in Appendix F.
   - If more than one person is required to perform the procedure, the number is specified under the heading "Personnel Required."
   - Procedures that must be followed prior to performing the engine maintenance procedure are listed under the heading "Equipment Conditions."