TM 9-4910-586-14&P

TECHNICAL MANUAL

OPERATOR, ORGANIZATIONAL, DIRECT SUPPORT
AND GENERAL SUPPORT MAINTENANCE MANUAL
(INCLUDING REPAIR PARTS LIST)

FOR

STAND, TRANSPORT, ENGINE

(NSN 4910-00-338-6673)

HEADQUARTERS, DEPARTMENT OF THE ARMY

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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 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 direct to: Commander, US Army Armament Materiel Readiness Command, ATTN: DRSAR-MAS, Rock Island, IL 61299. A reply will be furnished directly to you.

NOTE

This manual is published for the purpose of identifying an authorized commercial manual for the use of the personnel to whom this stand is issued.

Manufactured by: KHC Industries, Inc.
41 Deming Road
Berlin, CT 06037

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This technical manual is an authentication of the manufacturer's commercial literature and does not conform with the format and content specified in AR 310-3, Military Publications. This technical manual does, however, contain available information that is essential to the operation and maintenance of the equipment.

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SECTION I
INTRODUCTION AND DESCRIPTION

1-1. GENERAL

1-2. This manual provides operation, maintenance, and parts listing information for the Department of the Army, Drawing Number 8708857 Universal Transport Stand.

1-3. PURPOSE

1-4. The Universal Transport Stand, herein referred as Stand, is provided for moving of engines and heavy equipment. Adjustable supports provide a rigid mounting for various size equipment . In addition to providing a means of moving equipment, the Stand may be utilized to provide storage of equipment to enable quick access when required.

1-5. DESCRIPTION

1-6. The Stand is a general purpose, heavy-duty, engine transport stand of welded steel construction. The Stand is composed of a base assembly mounted on wheels and four vertically-mounted support assemblies.

1-7. Stand Base Assembly

1-8. The Stand base assembly is composed of a welded, steel channel frame with attached wheel assemblies, jack stand, and rear brace assembly. The front of the Stand utilizes swivel wheel assemblies, while the rear of the Stand utilizes fixed wheel assemblies. An adjustable jack stand is provided at the left front of the Stand base assembly to lock the Stand in position, and to avoid rolling on inclines. The rear brace assembly, provided as an additional means of support for engine mounting, is bolted through slotted holes in the rear cross-member of the Stand base assembly to enable lateral adjustment.

1-9. Support Assemblies

1-10. The support assemblies, which are vertically mounted and adjustable, are the main load-bearing supports of the Stand. The support assemblies are bolted to the Stand base assembly through slotted holes in the support assemblies and the Stand base assembly. Slots axes are 90 degrees apart, enabling a wide range of lateral and longitudinal adjustment to suit various equipment dimensions. Lateral adjustment provides for dimensions of 9 to 39 inches (nominal) width. Longitudinal adjustment provides for dimensions of 7-3/8 to 31-5/8 inches (nominal) between support assembly centerlines.