

TECHNICAL MANUAL

OPERATOR'S, ORGANIZATIONAL, DIRECT SUPPORT
AND GENERAL SUPPORT MAINTENANCE MANUAL
INCLUDING REPAIR PARTS LIST

FOR

LIFT, TRUCK
MODEL RMI-R3
(RUST MANUFACTURING COMPANY)
(NSN 4910-00-554-5983)

HEADQUARTERS, DEPARTMENT OF THE ARMY

APRIL 1981

TECHNICAL MANUAL

No. 9-4910-720-14&P

HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, DC, 30 April 1981

Operator's, Organizational, Direct Support
And General Support Maintenance Manual
Including Repair Parts List
For

**LIFT, TRUCK
MODEL RMI-R3
(NSN 4910-00-554-5983)**

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 truck lift is issued.

**Manufactured by: Rust Manufacturing, Inc.
1541 Paramount
Azusa, CA 91702**

Procured under Contract No. DAAA09-79-C-4605

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.

INSTRUCTIONS FOR REQUISITIONING PARTS

NOT IDENTIFIED BY NSN

When requisitioning parts not identified by National Stock Number, it is mandatory that the following information be furnished the supply officer.

- 1 - Manufacturer's Federal Supply Code Number - 6L455
- 2 - Manufacturer's Part Number exactly as listed herein.
- 3 - Nomenclature exactly as listed herein, including dimensions, if necessary.
- 4 - Manufacturer's Model Number - Model RMI-R3
- 5 - Manufacturer's Serial Number (End Item)
- 6 - Any other information such as Type, Frame Number, and Electrical Characteristics, if applicable.
- 7 - If DD Form 1348 is used, fill in all blocks except 4, 5, 6, and Remarks field in accordance with AR 725-50.

Complete Form as Follows:

- (a) In blocks 4, 5, 6, list manufacturer's Federal Supply Code Number - 6L455 followed by a colon and manufacturer's Part Number for the repair part.

- (b) Complete Remarks field as follows:
 Noun: (nomenclature of repair part)
 For: NSN: 4910-00-554-5983
 Manufacturer: Rust Manufacturing, Inc.

Model: RMI-R3
 Serial: (of end item)

Any other pertinent information such as Frame Number, Type, Dimensions, etc.

RMI-R3

DESCRIPTION:

The RMI-R3 wheel dolly has been designed to remove, replace and convey automotive type wheels and tire assemblies. It has a load capacity of 1500 pounds (DO NOT OVERLOAD).

OPERATION:

The RMI-R3 wheel dolly has a hydraulic lifting unit operated by a removable handle. Lock the shut off valve, located on the right side of the base of the hydraulic cylinder, by turning the valve clockwise. Place the handle in the pump sleeve and pump handle until the lifting arms reach the desired height. To lower the lifting arm rotate shut off valve counter-clockwise. The speed of drop will be controlled by amount the shut off valve is opened.

The RMI-R3 is equipped with a safety chain. This chain is used for securing the wheel assembly to the dolly for the purpose of conveying from one work area to another.

SAFETY PRECAUTION:

Keep hands and fingers clear of the rollers between the lifting arms and the lifting arm standards. Keep feet clear of the lifting arms when lowering. Also stay clear of the wheels and casters when conveying from point to point.