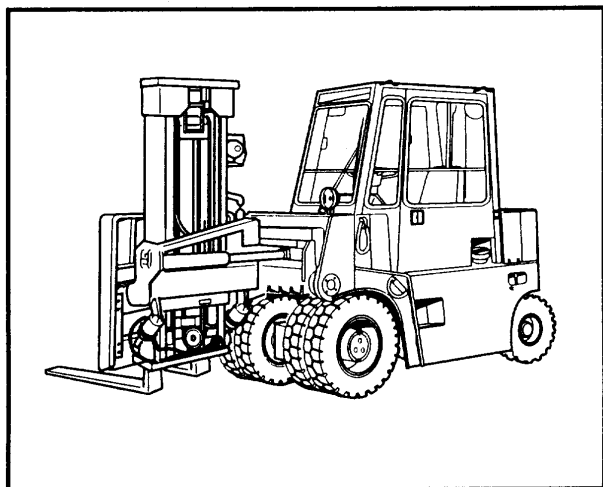


TECHNICAL MANUAL
UNIT MAINTENANCE MANUAL



TRUCK LIFT
CLEAN BURN DIESEL,
FRONT/SIDE LOADING
6,000 LB CAPACITY
MODEL R60SL-DC
NSN 3930-01-378-7479

Approved for public release:
distribution is unlimited.

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HEADQUARTERS, DEPARTMENT OF THE ARMY

JANUARY 1997

UNIT SUPPORT MAINTENANCE

**TRUCK, LIFT, FORK, CLEAN BURN DIESEL,
FRONT/SIDE LOADING,
6,000 LB CAPACITY
MODEL R60SL-DC
NSN 3930-01-378-7497**

Approved for public release; distribution is unlimited.

REPORTING OF 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 at the back of this manual direct to: Commander, US Army Tank-automotive and Armament Command, ATTN: AMSTA-IM-OPIT, Warren, MI 48397-5000. A reply will be furnished to you. You may also provide DA Form 2028-2 information to TACOM via datafax or e-mail. TACOM's datafax number for AMSTA-IM-OPIT is (810) 574-6323 and the e-mail address is: amsta-im-opit@cc.tacom-tech-pubs@ cc.tacom.army.mil.

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HOW TO USE THIS MANUAL

This manual is designed to help maintain the Truck, Lift, Fork (NSN 3930-01-378-7497). Listed below are some special features included in this manual to help locate and use the needed information:

- A front cover table of contents is provided for quick reference to chapters and sections that will be used often.
- WARNING, CAUTION, and NOTE headings, subject headings, and other essential information are printed in bold type making them easier to see.
- The maintenance tasks describe what must be done to the forklift before starting the task (Equipment Condition) and what must be done to return the forklift to operating condition after the task is finished (Follow-On Maintenance).
- The Appendixes are located at the end of the manual. They contain a reference guide to other manuals, the Maintenance Allocation Chart (MAC), a list of expendable/durable supplies and materials, and other material for maintaining the forklift.
- In addition to text, there are exploded-view illustrations showing how to take a component off and put it back on. Cleaning and inspection procedures are also included as required.
- Chapter 2 of this manual covers Unit level Preventive Maintenance Checks and Services (PMCS) and basic troubleshooting, as well as general maintenance.

Follow these guidelines when using this manual:

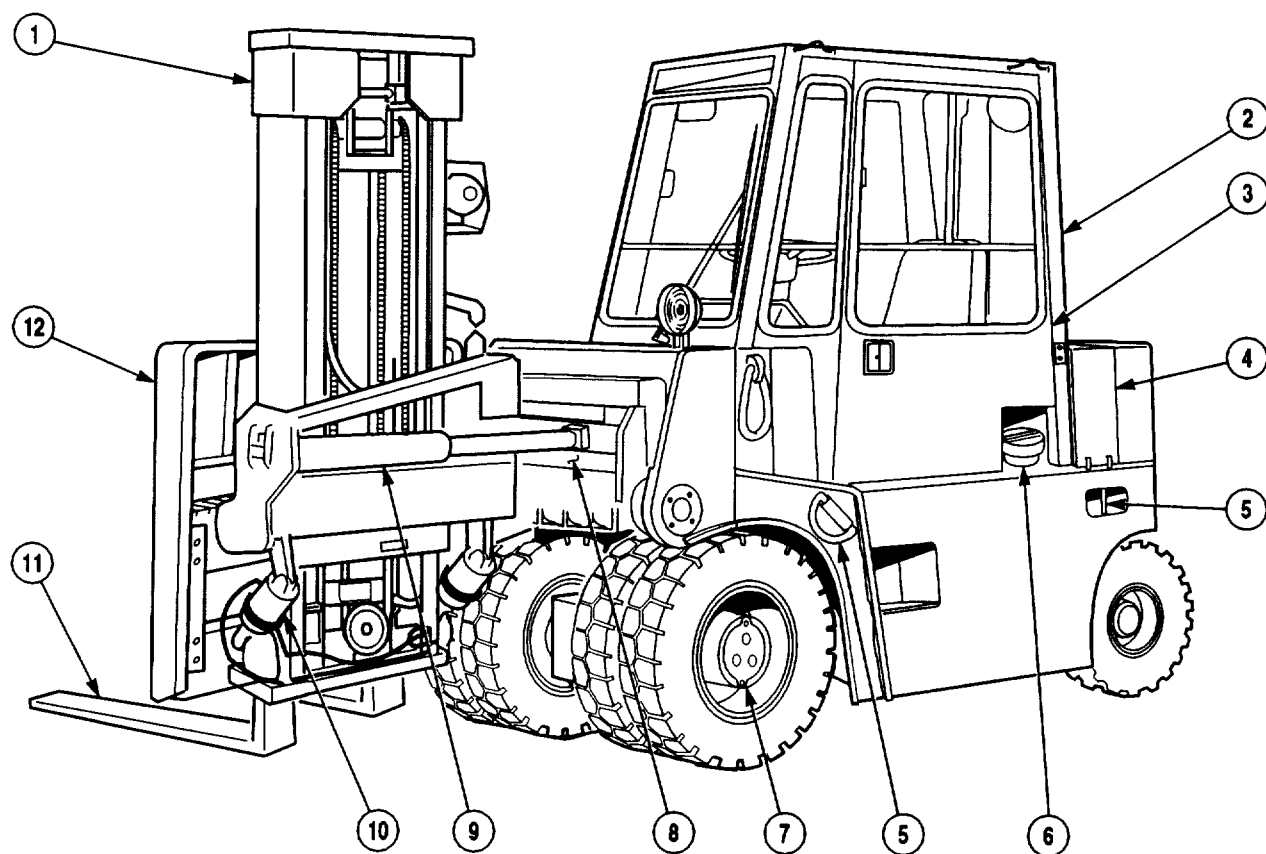
- Read all WARNINGS and CAUTIONS before performing any procedure.
- The equipment conditions found in the maintenance procedures are of a general nature and the mechanic may be able to perform only certain steps within a procedure to accomplish the equipment condition.

CHAPTER 1

INTRODUCTION

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Section I. GENERAL INFORMATION



- | | |
|----------------------------------|-----------------------|
| 1. Mast Assembly | 7. Drive Axle |
| 2. Cab | 8. Shift Cylinder |
| 3. Cab Door | 9. Pivot Cylinder |
| 4. Left Rear Engine Access Cover | 10. Tilt Cylinders |
| 5. Tie Down Points | 11. Forks |
| 6. Fuel Tank | 12. Carriage Assembly |

Figure 1-1. Truck, Lift, Fork - Left Front View

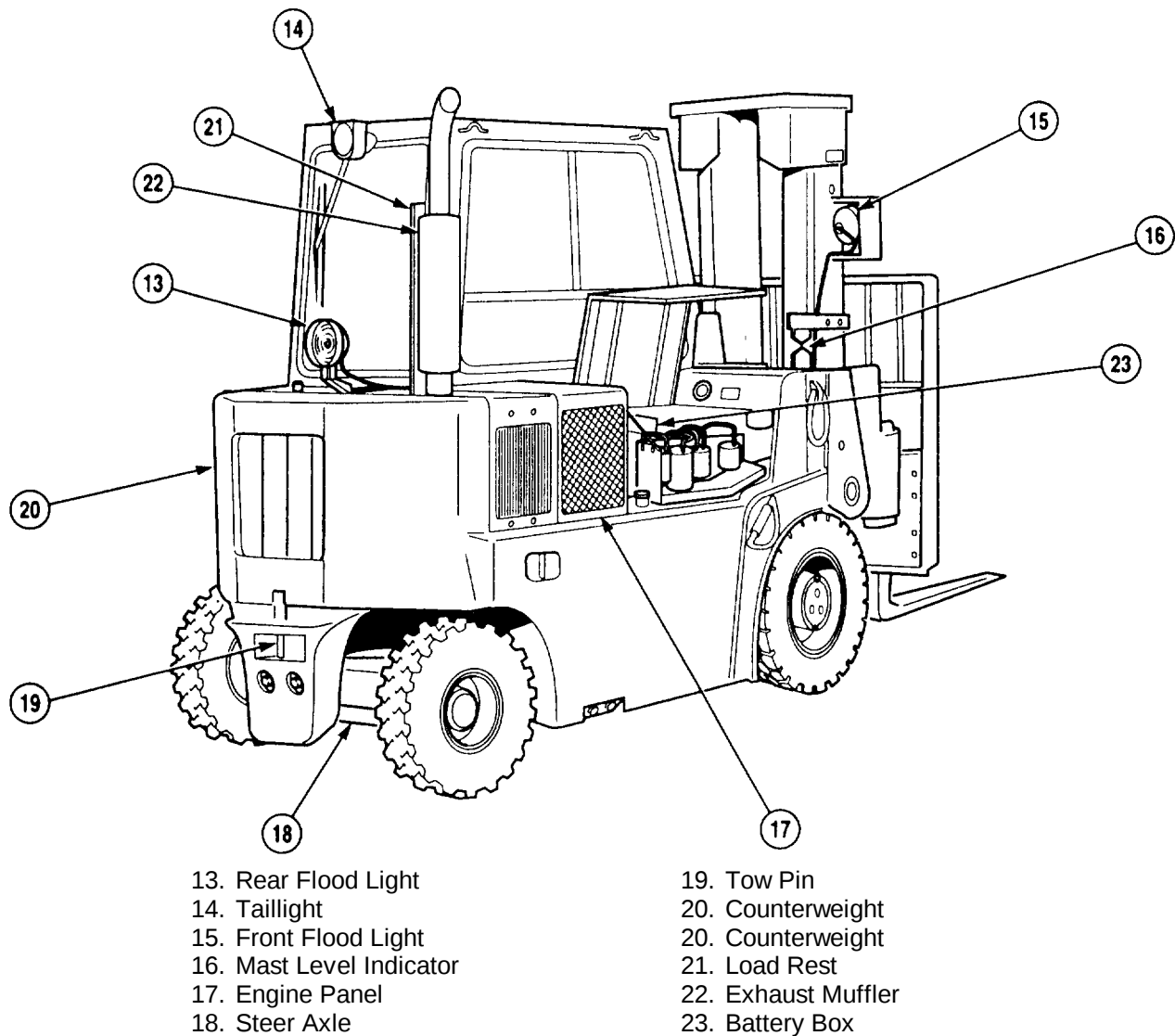


Figure 1-2. Truck, Lift, Fork - Right Rear View

1-1. SCOPE.

a. Type of Manual. This manual is used for unit maintenance of the Truck, Lift, Fork.

b. Model Number and Equipment Name. Truck, Lift, Fork, NSN 3930-01-378-7497, produced by Drexel Industries, Inc. of Pennsylvania, Model R60SL-DC. (See Figures 1-1 and 1-2.)

c. Purpose of Equipment. The Truck, Lift, Fork, hereinafter referred to as the forklift, is designed to operate as a conventional, counterbalanced, front-loading forklift with the additional capability of operating as a side-loading forklift.