

TM 9-4910-587-14&P

**DEPARTMENT
OF THE ARMY TECHNICAL MANUAL**

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

FOR

HOIST UNIT, AUTOMOTIVE MAINTENANCE

(NEAL MACHINE CORPORATION)

(4910-00-448-0254)

**HEADQUARTERS,
DEPARTMENT OF THE ARMY**

APRIL 1978

TABLE OF CONTENTS

Section	Page
I. INTRODUCTION AND DESCRIPTION	
1-1. Introduction	1
1-3. Description	2
II. PREPARATION FOR USE AND OPERATION	
2-1. Preparation for Use	4
2-4. Operation	4
III. MAINTENANCE AND REPAIR	
3-1. General	5
3-3. Inspection and Lubrication	5
3-6. Repair	7
IV. ILLUSTRATED PARTS BREAKDOWN	
4-1. General	8
4-3. How to Use Parts List	9

REPORTING OF ERRORS

You can help improve this manual by calling attention to errors and by recommending improvements and by stating your reasons for the recommendations. Your letter or DA Form 2028.2 Recommended Changes to Publications and Blank Forms) should be mailed directly to Commander, US Army Armament Materiel Readiness Command, ATTN: DRSAR-MAS, Rock Island, IL 61299. A reply will be furnished directly to you. For your convenience, preaddressed DA Form 2028-2's are included as final pages of this manual.

Operator, Organizational, Direct Support and General Support
Maintenance Manual Including Repair Parts List for:

Hoist Unit, Automotive, Maintenance
(4910-00-448-0254)

NOTE

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

Manufactured by: Neal Machine Corporation
Lima, OH 45804

Procured under Contract No: DAAA09-75-C-6501

SECTION I

INTRODUCTION AND DESCRIPTION

1-1. INTRODUCTION.

1-2. This manual provides Operation, Maintenance and Repair Instructions, and an Illustrated Parts Break-down, for the Automotive Maintenance Hoist Unit, Ordnance Part No. 8387771, Figure 1 provides a general view of the unit.



01854A

Figure 1. Hoist Unit, Automotive Maintenance