TM 9-4910-609-14&P

TECHNICAL MANUAL

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

FOR

MAINTENANCE FIXTURE, MODEL RM-77

NSN 4910-00-357-1874

(HYDRAULICS NTERNATIONAL, INC.)

HEADQUARTERS, DEPARTMENT OF THE ARMY

JULY 1981

Technical Manual
No. 9-4910-609-14&P

HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, DC, *24 July 1981*

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MAINTENANCE FIXTURE
MODEL RM-77
(NSN 4910-00-357-874)

REPORTING OF ERRORS

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.

Manufactured by: Hydraulics International, Inc.
9035 Independence Ave
Canoga Park, CA 91304

Procured under Contract No. DAAA09-77-C-6925

This technical manual is an authentication of the manufacturers' 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 - 56529

2 - Manufacturer's Part Number exactly as listed herein.

3 - Nomenclature exactly as listed herein , including dimensions, if necessary.

4 - Manufacturerts Model Number - Model RM-77

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 - 56529 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: 4910-00-357-1874
Manufacturer: HYDRAULICS, INTERNATIONAL, INC.

Model: RM-77
Serial: (of end item)

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

INDEX

TITLE	PAGE
I. Introduction	1
II. Preparation and Use for Installation	4
III. Operating Instructions	5
IV. Troubleshooting	8
V. Disassembly, Repair, Replacement & Reassembly	9
VI. Parts List	11
VII. Safety Precautions	15
VIII. Warning	15
FIGURE 1	16
FIGURE 2	17

I. INTRODUCTION

1.1 This manual provides information for the maintenance and operation of the Model RM-77, "Radiator Maintenance Fixture".

1.2 Purpose and Function

The Model RM-77 is an air hydraulicaly-operated maintenance fixture, designed for use in cleaning, testing and repairing all types of automotive radiators.

The Model RM-77 is used to raise radiators over the edge of the maintenance tank and submerge them for cleaning, repairing and testing.

1.3 Capabilities

Model RM-77 is capable of lifting radiators with dimensions of up to 45 inches wide x 45 inches high and 6 inches thick, with a weight of Up to 350 lbs.

1.4 Performance Characteristics

The vertical movement is manually controlled by using a 3-way lever operated air valve (Item 2-6 Fig. 1).

The amount of depression on the lever will control the speed of the vertical movement. Due to the compressibility of air, a small vertical movement is induced after the 3-way valve is brought to a neutral position. Should the operator desire to prevent this movement, jog the 3-way valve in the opposite direction.