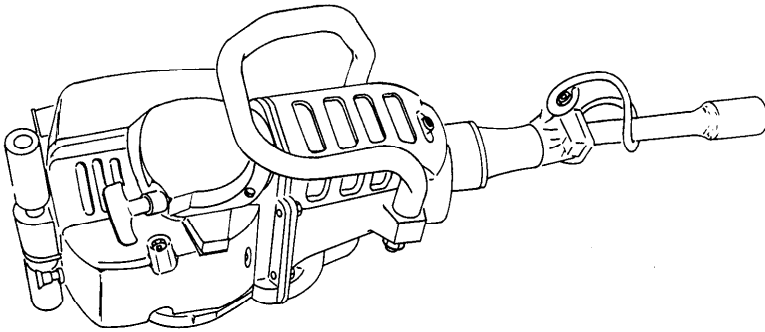


TECHNICAL MANUAL

**OPERATOR'S, UNIT, DIRECT SUPPORT AND
GENERAL SUPPORT MAINTENANCE MANUAL
(INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST)**



**BREAKER, PAVING
MODEL 180-II
NSN 3820-01-326-7997**

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TECHNICAL MANUAL
No. 5-3820-246-14&P

HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington D.C., 11 February 1992

**OPERATOR'S, UNIT, DIRECT SUPPORT AND GENERAL SUPPORT
MAINTENANCE MANUAL
(INCLUDING REPAIR PARTS AND SPECIAL TOOLS LISTS)**

FOR

BREAKER, PAVING (3820-01-326-7997)

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: AMSTA-MB, Warren, MI 48397-5000. A reply will be furnished to you.

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HOW TO USE THIS MANUAL

This manual is designed to help operate and maintain the Paving Breaker, NSN 3820-01-326-7997. Listed below are some of the special features that have been included to help locate and use the needed information.

A front cover Table of Contents is provided for quick reference to chapters and appendixes that will be used often.

Warning, caution and note headings, subject headings, and certain other essential information are printed in bold type to make them easier to see.

The maintenance tasks describe what must be done to the Paving Breaker before starting the task, and what must be done to return the Paving Breaker to operating condition after the task is finished.

The appendixes are located at the end of the manual. They contain a reference guide to other manuals, guidelines to reading the Maintenance Allocation Chart (MAC), a list of expendable supplies and materials, and other material for maintaining the Paving Breaker.

In addition to text, there are exploded-view illustrations showing you how to take the part off and to put it on. Cleaning and inspection procedures are also included, when required.

Chapters 1 and 2 of this manual are directed at the operator of the Paving Breaker. These chapters include an overall description of the Paving Breaker and discuss the controls and indicators, their location and use, instructions for operation of the Paving Breaker under different circumstances, and operator preventive maintenance checks and services.

Chapter 3 of this manual covers operator lubrication, basic troubleshooting, and operator maintenance.

Chapter 4 of this manual covers unit maintenance including troubleshooting and maintenance procedures.

Chapter 5 of this manual covers direct support maintenance including troubleshooting and maintenance procedures.

FOLLOW THESE GUIDELINES WHEN USING THIS MANUAL

The operator must read through this manual and become familiar with the contents before attempting to operate the Paving Breaker.

Read all WARNINGS and CAUTIONS before performing any procedure.

CHAPTER 1 INTRODUCTION

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Section I. GENERAL INFORMATION

1-1. SCOPE.

This manual is an Operator's, Unit, and Direct Support Manual (including Repair Parts and Special Tools List) which provides operation, maintenance, and parts ordering information for the model 180-11 self-contained, gasoline-powered Paving Breaker (See Figure 1-1 and 1-2) made by Skidril, Inc., Dorval, Quebec, Canada. The Paving Breaker is intended for use in all types of drilling small diameter holes in asphalt, concrete, and rock; driving stakes; breaking up asphalt and concrete; and tamping base soil.

The Paving Breaker described herein contains metric components and requires metric common tools; therefore, metric units in addition to English units will be used throughout this publication.

Repair procedures for the Paving Breaker are for use by MOS 62B Construction Equipment Repairer personnel.

1-2. MAINTENANCE FORMS, RECORDS, AND REPORTS.

Department of the Army forms and procedures used for equipment maintenance will be those prescribed by DA Pam 738-750, The Army Maintenance Management System (TAMMS).

1-3. DESTRUCTION OF ARMY MATERIEL TO PREVENT ENEMY USE.

Refer to TM 750-244-6, Procedures for Destruction of Tank Automotive Equipment to Prevent Enemy Use (US Army Tank-Automotive Command).

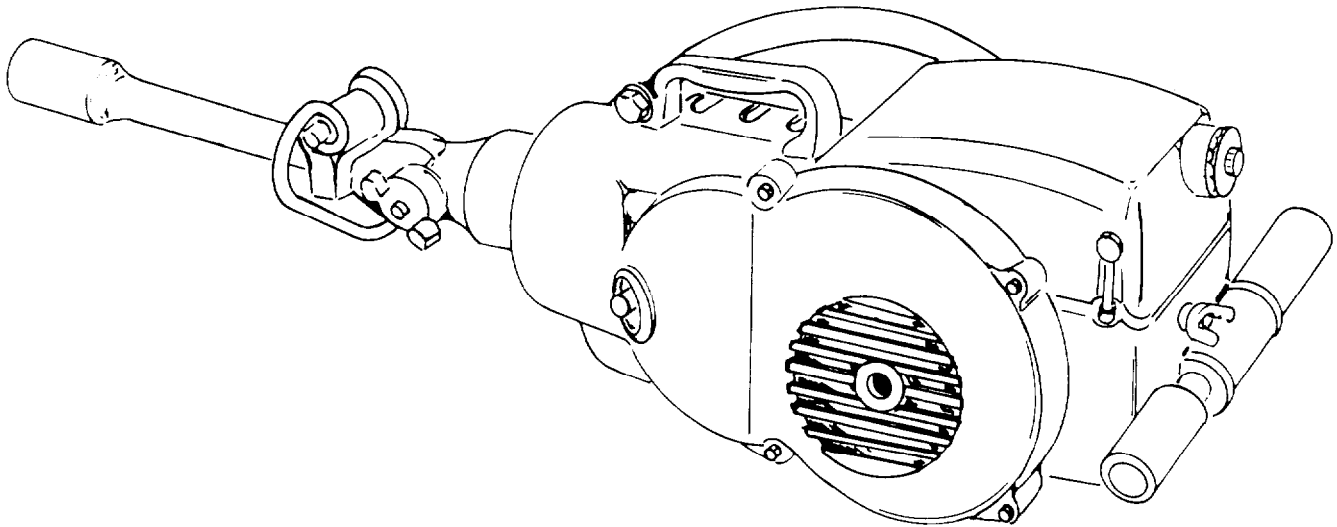


Figure 1-1. Paving Breaker, Flywheel View

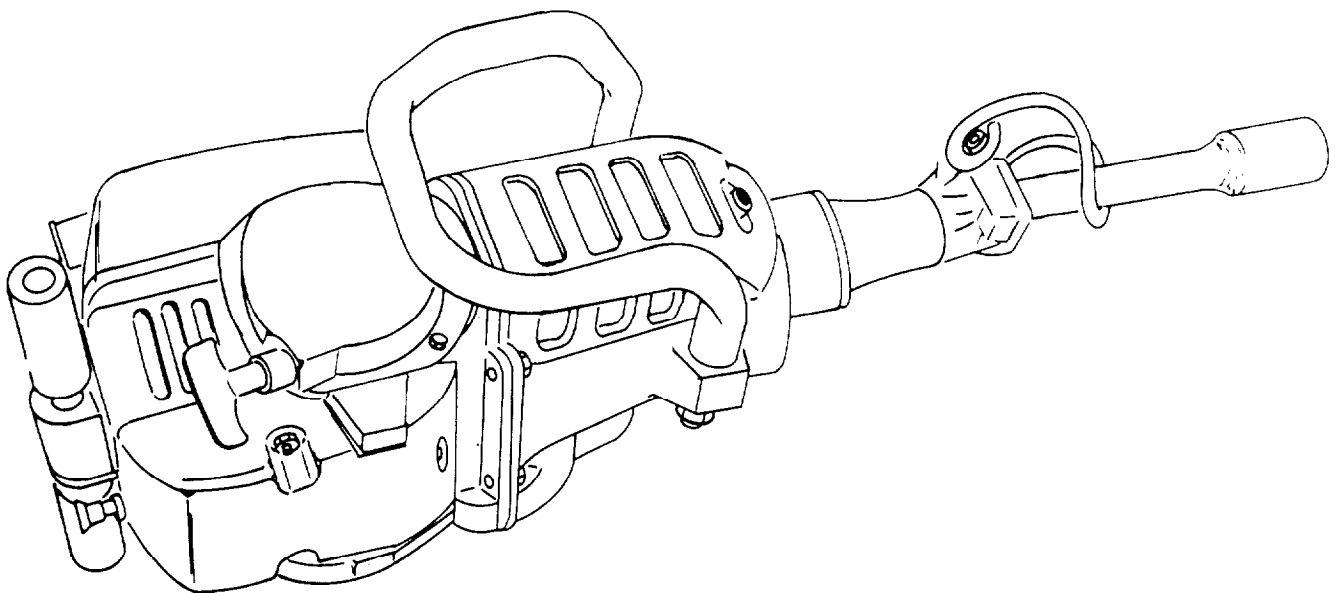


Figure 1-2. Paving Breaker, Starter View