

TECHNICAL MANUAL

**ORGANIZATIONAL AND DIRECT SUPPORT
MAINTENANCE REPAIR PARTS AND
SPECIAL TOOLS LIST**

**HAMMER, PILE DRIVER, SELF POWERED, DIESEL
(KOEHRING MODEL DA35)
FSN 3895-443-4695**

**HEADQUARTERS, DEPARTMENT OF THE ARMY
24 NOVEMBER 1970**

TECHNICAL MANUAL }
NO. 5-3895-332-23P }

HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, D. C., 24 November 1970

ORGANIZATIONAL AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST

HAMMER, PILE DRIVER, SELF POWERED, DIESEL (KOEHRING MODEL DA 35) FSN 3895-443-4696

Current as of 30 October 1970

	Listing Page	Illustration Figure
Section I.	Introductioniii	
II.	Prescribed load allowance1	
III.	Repair parts for organizational maintenance3	
Group 01.	Engine covers and access plates3	
	Covers, access plates and related parts1	1
02.	Cylinder and Components.....4	
	Cylinder and components.....2	2
03.	Engine Lubrication System4	
	Oil filter3	3
	Oil pump4	4
04.	Diesel starting controls.....4	
	Fuel filter5	5
	Fuel pump.....6	6
	Trip mechanism7	7
	Trip safety mechanism8	8
	Transmitter assembly9	9
05.	Pile driving attachments8	
	Air gage10	10
	Drive caps.....11	11
Section IV.	Special tools, test and support equipment for organizational maintenance (Not Applicable)	
V.	Repair parts for DS maintenance.....10	
Group 01.	Engine covers and access plates10	
	Covers, access plates and related parts1	1
02.	Cylinder and components11	
	Cylinder and components.....2	2
03.	Engine lubrication system11	
	Oil filter3	3
	Oil pump4	4
04.	Diesel starting controls.....12	
	Fuel filter5	5
	Fuel pump.....6	6

	Listing Page	Illustration Figure
Trip mechanism		7
Trip safety mechanism		8
Transmitter assembly		9
05. Pile driving attachments	18	
Air gage		10
Drive caps.....		11
Section VI. Special Tools, Test and Support Equipment for DS Maintenance (Not Applicable)		
VII. Federal Stock Number and Reference Number Index.....	30	

SECTION I. INTRODUCTION

1. Scope

This manual lists repair parts, special tools, test and support equipment required for the performance of organizational and direct support maintenance of the hammer, pile driver.

2. General

This Repair Parts and Special Tools List is divided into the following sections:

a. Prescribed Load Allowance (PLA) Section II. A composite listing of repair parts, special tools, test and support equipment having quantitative allowances for initial stockage at the organizational level.

b. Repair Parts Section III. A list of repair parts authorized for the performance of maintenance at the organizational level in figure and item number sequence.

c. Special Tools, Test and Support Equipment Section IV. (Not Applicable).

d. Repair Parts Section V. A list of repair parts authorized for the performance of maintenance at the direct support level in figure and item number sequence.

e. Special Tools, Test aid Support Equipment Section VI. (Not Applicable).

f. Federal Stock Number and Reference Number Index Section VII. A list of Federal stock numbers in ascending numerical sequence, followed by a list of reference numbers appearing in all of the listings, in alpha-numeric sequence, cross-referenced to the illustration figure number and item number.

NOTE

Items not illustrated are cross-referenced to assembly group number.

3. Explanation of Columns

The following provides an explanation of columns in the tabular lists in sections II through VI.

a. Source, Maintenance, and Recoverability Codes (SMR).

(1) Source code indicates the selection status and source for the listed item. Source codes used are:

Code	Explanation
P	Repair parts, special tools and test equipment supplied from the GSA/DSA, or Army supply system, and authorized for use at indicated maintenance categories.
P2	Repair parts, special tools and test equipment which are procured and stocked for insurance purposes because the combat or military essentiality of the end item dictated that a minimum quantity be available in the supply system.
M	Repair parts, special tools and test equipment which are not procured or stocked, as such, in the supply system but are to be manufactured at indicated maintenance levels.

Code	Explanation
A	Assemblies which are not procured or stocked as such, but are made up of two or more units. Such component units carry individual stock numbers and descriptions, are procured and stocked separately and can be assembled to form the required assembly at indicated maintenance categories.
X	Parts and assemblies that are not procured or stocked because the failure rate is normally below that of the applicable end item or component. The failure of such part or assembly should result in retirement of the end item from the supply system.
X1	Repair parts which are not procured or stocked. The requirement for such items will be filled by the next higher assembly or component.
X2	Repair parts, special tools and test equipment which are not stocked and have no foreseen mortality. The indicated maintenance category requiring such repair parts will attempt to obtain the parts through cannibalization or salvage, the item may be requisitioned with exception data, from the end item manager, for immediate use.
G	Major assemblies that are procured with PEMA funds for initial issue only as exchange assemblies at DSU and GSU level. These assemblies will not be stocked above the DS and GS level or returned to depot supply level.

(2) Maintenance code indicates the lowest level of maintenance authorized to install the listed item. The maintenance codes are:

Code	Explanation
O	Organizational maintenance
F	Direct support maintenance

(3) Recoverability code indicates whether unserviceable items should be returned for recovery or salvage. Items not coded are expendable. Recoverability codes are:

Code	Explanation
R	Applied to repair parts, (assemblies and components) special tools and test equipment which are considered economically repairable at direct and general support maintenance levels. When the item is no longer economically repairable, it is normally disposed of at the GS level. When supply considerations dictate, some of these repair parts may be listed for automatic return to supply for depot level repair as set forth in AR 710-50. When so listed, they will be replaced by supply on an exchange basis.
S	Repair parts, special tools, test equipment and assemblies which are economically repairable