DEPARTMENT OF THE ARMY TECHNICAL MANUAL

General Support Maintenance Repair Parts and Special Tools Lists
BAROMETERS ML-102-B, D, E, F, AND G

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***This manual supersedes TM 11-6685-202-12P, 11 June 1959, and TM 11-6685-202-35P, 11 June 1959.**

SECTION I
INTRODUCTION

1-1. Scope

This manual lists repair parts required for the performance of depot maintenance of the ML-102-B, D, E, F, and G. No parts authorized are at direct and general support categories of maintenance.

Note

No special tools, test, or support equipment is required.

1-2. General

This repair parts list is divided into the following sections:

a. Repair Parts for DS, GS, and Depot Maintenance - Section II. A list of repair parts authorized for the performance of maintenance at the depot level.

b. Index-Federal Stock Number Cross-Reference to Figure and Item Number or Reference Designation - Section III. A list of Federal stock numbers in ascending numerical sequence cross-referenced to figure number and reference designation.

c. *Index-Reference Number Cross-Reference to Figure Number and Reference Designation or Item Number-Section IV.* A list of reference numbers, appearing in ascending alpha numerical sequence, cross-referenced to figure number and reference designation.

d. Index-Reference Designation Cross-Reference to Page Number-Section V. A list of reference designations cross-referenced to page numbers.

1-3. Explanation of Columns

The following provides an explanation of columns in the tabular lists:

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

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

Code	*Explanation*
P -	Repair parts which are stocked in or supplied from the GSA/DSA or Army supply system and authorized for use at indicated maintenance categories.
P2 -	Repair parts which are procured and stocked for insurance purposes because the combat or military essentiality of the end item dictates that a minimum quantity be available in the supply system.
P9 -	Assigned to items which are NSA design controlled: unique repair parts, special tools, test, measuring and diagnostic equipment, which are stocked and supplied by the Army COMSEC logistic system, and which are not subject to the provisions of AR 380-41.
P10-	Assigned to items which are NSA design controlled: special tools, test, measuring and diagnostic equipment for COMSEC support, which are accountable under the provisions of AR 380-41, and which are stocked and supplied by the Army COMSEC logistic system.
M -	Repair parts which are not procured or stocked, but are to be manufactured at indicated maintenance levels.
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 which are not procured or stocked and the mortality of which normally is 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 use of the next higher assembly or component.
X2-	Repair parts which are not stocked. The indicated maintenance category requiring such repair parts will attempt to obtain same through cannibalization. Where such repair parts are not obtainable through cannibalization, requirements will be requisitioned, with accompanying justification, through normal supply channels.
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 DS and GS level or returned to depot supply level.

(2) Maintenance code indicates the lowest category of maintenance authorized to install the listed item. The maintenance level code is:-

Code	*Explanation*
D	Depot Maintenance

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

Code *Manufacturer*

R - Repair parts and assemblies that are economically repairable at DSU and GSU activities and are normally furnished by supply on an exchange basis.

S - Repair parts and assemblies which are economically repairable at DSU and GSU activities and which normally are furnished by supply on an exchange basis. When items are determined by a GSU to be uneconomically repairable, they will be evacuated to a depot for evaluation and analysis before final disposition.

T - High dollar value recoverable repair parts which are subject to special handling and are issued on an exchange basis. Such repair parts normally are repaired or overhauled at depot maintenance activities.

U - Repair parts specifically selected for salvage by reclamation units because of precious metal content, critical materials, or high dollar value reusable casings or castings.

b. Federal Stock Number. This column indicates the Federal stock number assigned to the item and will be used for requisitioning purposes.

c. *Description.* This column indicates the Federal item name and any additional description of the item required. The index number has been included as part of the description to aid in the location of "same as items". A part number, or other reference number, is followed by the applicable five-digit Federal supply code for manufacturers in parentheses.

d. Unit of Measure (U/M). A two-character alphabetical abbreviation indicating the amount or quantity of the item upon which the allowances are based, e.g., ft, ea, pr, etc.

e. Quantity Incorporated in Unit. This column indicates the quantity of the item used in ML-102-B, D, E, F, and G.

f. Allowances (1 year per Equipment (Contingency) and Depot Maintenance). These columns do not reflect quantitative allowances for stockage. However, items authorized for use as required are identified with an asterisk.

g. *Illustrations.*

(1) *Figure number.* Indicates the figure number in which the item is shown.

(2) *Item number or reference designation.* Indicates the reference designation and item number, shown in parentheses, used to identify the item in the illustration.

1-4. Special Information

The following publications pertains to ML-102-B, D, E, F, and G and their components:

TM 11-427 . . . . . Barometers ML-102-B, ML-102-D, ML-102-E, ML-102-F, and ML-102-G, and ML-316/TM.

1-5. Location of Repair Parts

a. This manual contains three cross-reference indexes (secs III, IV, and V) to be used to locate a repair part when either the Federal stock number, reference number (manufacturers part number), or reference designation is known. The first column in each index is prepared in numerical or alpha-numerical sequence in ascending order. Where a Federal stock number is listed, refer to section III. Where a Federal stock number is not listed, refer to section IV.

b. When the Federal stock number or reference number is known, follow the procedures given in (1) and (2) below.

(1) Refer to section III or section IV and note the applicable figure and reference designation.

(2) When the reference designation is determined, refer to the reference designation index (sec. IV). The reference designations are listed in alphanumerical ascending order and are cross-referenced to the page number on which they appear in the repair parts list (sec. II). Refer to the page number noted in the index and locate the reference designation in the repair parts list (col. 10b). If the description column indicates that it is a "SAME AS" item, locate the first appearance of the item by the index number (sequence number) referenced.

c. When the reference designation is known, follow the procedures given in *b(2)* above.

d. When neither the FSN, reference number, nor reference designation is known, identify the part in the illustration and follow directions given in c above, or scrutinize column 3 of the repair parts list (sec. II).

1-6. Federal Supply Code for Manufacturers

Code	*Manufactur*
79172	Wallace and Tiernan, Inc.
80063	Army Electronics Command

1-7. Recommendations for Maintenance Publications Improvements

The reporting of errors, omissions, and recommendations for improving this publication by the individual user is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to Publications) and forwarded direct to Commanding General, US Army Electronics Command, ATTN: AMSEL-MA-C, Fort Monmouth, N. J. 07703.