
TECHNICAL MANUAL

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

**TANK AND PUMP UNIT, LIQUID DISPENSING,
FOR TRUCK MOUNTING (UNITED MANUFACTURING AND
ENGINEERING CORP. MODEL STYLE 1)**

NSN 4930-00-542-2800

(MODEL 2519) NSN 4930-00-987-8576,

(MODEL 2938) NSN 4930-00-078-4939,

(BOWSER INC. MODEL 36W50)

NSN 4930-00-078-4938

(ORR AND SEMBOWER INC. MODEL BL-100)

NSN 4930-00-926-3692

(ALTECH INC. MODEL 4000)

NSN 4930-00-926-3581

This copy is a reprint which includes current
pages from Changes 1 through 4.

This manual supersedes Appendix D, TM 10-4930-204-15, 22 September 1967.

**HEADQUARTERS, DEPARTMENT OF THE ARMY
15 MAY 1980**

TECHNICAL MANUAL
NO. 10-4930-204-23P

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D. C., 15 May 1980

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

**TANK AND PUMP UNIT, LIQUID DISPENSING,
FOR TRUCK MOUNTING (UNITED MANUFACTURING AND
ENGINEERING CORP. MODEL STYLE 1)
NSN 4930-00-542-2800**

**(MODEL 2519) NSN 4930-00-987-5876,
(MODEL 2938) NSN 4930-00-078-4939,
(BOWSER INC. MODEL 36W50)
NSN 4930-00-078-4938**

**(ORR AND SEMBOWER INC. MODEL BL-100)
NSN 4930-00-926-3692**

**(ALTECH INC. MODEL 4000)
NSN 4930-00-926-3851**

Current as of 27 June 1979

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 these procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual directly to: Commander, US Army Aviation and Troop Command, ATTN: AMSAT-I-MP, 4300 Goodfellow Blvd., St. Louis, MO 63120-1788. You may also submit your recommended changes by E-mail directly to <daf2028@st-louis-emh7.army.mil>. A reply will be furnished directly to you. Instructions for sending an electronic 2028 maybe found at the back of this manual preceding the hard copy 2028.

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

*This manual supersedes Appendix D, TM 10-4930-204-15, 22 September 1967.

TABLE OF CONTENTS

		PAGE	ILLUS/ FIGURE
SECTION I.	INTRODUCTION	1	
SECTION II.	REPAIR PARTS LIST		
Group 01.	Engine, Base, Hose Reel and Pump Assembly		
	Cylinder Bloc, Cylinder Heal, Carburetor and Air Cleaner	7	1
	Crankshaft, Bearing, Piston	9	2
	Camshaft, Valves, Governo r	11	3
	Oil Pump	13	4
	Air Shroud, Pulley, Rope, Flywheel	15	5
	Speed Control	17	6
	Muffler and Attaching Parts	19	7
	Pump and Engine	21	8
	Magneto	23	9
	Pump	DELETED	
	Motor	DELETED	
	Pump	33	12
	Pump Assembly Kit (Electric Motor Driven)	34	12A
	Electrical Accessories	34.2	12B
	Junction Box Assembly	34.5	12C
	Pump Assembly	34.9	12D
	Motor and Base Assembly	34.14	12E
	Frame, Hose Reel, Ground Reel, Filter	35	13
	Ground Reel..	37	14
	Nozzle	41	15
	Manifold, Hose Assemblies and Fittings	45	16
	Filter Separator	47	17
	Hose Red	49	18
	Fueling Hose Red	51	19
Group 02.	Tank		
	Storage Tank	53	20
	Discharge Valve	57	21
	Tank Manhole Cover	59	22
	Tank Manhole Cover	61	23
	Tank and Pump Unit Vertical Tiedown Strap Assembly	63	24
SECTION III.	SPECIAL TOOLS LIST (Not Applicable)		
SECTION IV.	NATIONALSTOCK NUMBER AND REFERENCE NUMBER INDEX	64	

Section I. INTRODUCTION

1. Scope. This manual lists spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for performance of organizational, direct support, and general support maintenance of the Tank and Pump Unit. It authorizes the requisitioning and issue of spares and repair parts as indicated by the source and maintenance codes.

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

a. Section II. Repair Parts List. A list of spares and repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in numeric sequence, with the parts in each group listed in figure and item number sequence. Bulk materials are listed in NSN sequence.

b. Section III. Special Tools List. A list of special tools, special TMDE, and other special support equipment authorized for the performance of maintenance.

c. Section IV. National Stock Number and Part Number Index. A list, in National item identification number (NIIN) sequence, of all National stock numbers (NSN) appearing in the listings, followed by a list in alphameric sequence, of all part numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to each illustration figure and item number appearance. This index is followed by a cross-reference list of reference designators to figure and item numbers.

3. Explanation of Columns.

a. Illustration. This column is divided as follows:

(1) Figure Number. Indicates the figure number of the illustration on which the item is shown.

(2) Item Number. The number used to identify item called out in the illustration.

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

(1) Source Code. Source codes indicate the manner of acquiring support items for maintenance, repair or overhaul of end items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

Code	Definition
PA	Item procured and stocked for anticipated or known usage.
PB	Item procured and stocked for insurance purposes because essentiality dictates that a minimum quantity be available in the supply system.
PC	Item procured and stocked and which otherwise would be coded PA except that it is deteriorative in nature.
PD	Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfitting. Not subject to automatic replenishment.
PE	Support equipment procured and stocked for initial issue or outfitting to specified maintenance repair activities.
PF	Support equipment which will not be stocked but which will be centrally procured on demand.
PG	Item procured and stocked to provide for sustained support for the life of the equipment. It is applied to an item peculiar to the equipment which, because of probable discontinuance or shutdown of production facilities, would prove uneconomical to reproduce at a later time.
KD	An item of a depot overhaul/repair kit and not purchased separately. Depot kit defined as a kit that provides items required at the time of overhaul or repair.
KF	An item of a maintenance kit and not purchased separately. Maintenance kit defined as a kit that provides an item that can be replaced at organizational or intermediate levels of maintenance.