
TECHNICAL MANUAL

ORGANIZATIONAL, DIRECT SUPPORT AND

GENERAL SUPPORT REPAIR PARTS

AND SPECIAL TOOLS LIST

SHOP EQUIPMENT

CONTACT MAINTENANCE

TRUCK MOUNTED

(SOUTHWEST MODEL SECM)

SERIAL NO. RANGE SECM 1001 THRU SECM 2532

(4940-01-016-2262)

10 MAY 1978

TECHNICAL MANUAL

TM 9-4940-421-24P

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, DC, 10 May 1978

**ORGANIZATIONAL, DIRECT SUPPORT AND
GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)
FOR**

Shop Equipment, Contact Maintenance, Truck Mounted
(4940-01-016-2262)

Current as of 20 February 1978

Reporting Errors and Recommending Improvements. You can help improve this manual. If you find any mistake or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publication 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 to you.

TABLE OF CONTENTS

	Page	Illustrations Figure
SECTION I. INTRODUCTION	1	
II. REPAIR PARTS LIST	9	
Group 00 Power Unit (11020901)	8	1
0100 Engine Assembly	10	2
0101 Crankcase Assembly	12	3
Cylinder Block and Head	14	4

		Page	Illus Figure
SECTION II .	REPAIR PARTS LIST--CONTINUED		
0102	Crankshaft	16	5
	Flywheel Assembly	18	6
	Camshaft	19	7
	Timing Gear Cover	20	8
	Idler Gear and Stud	22	9
0103	Engine Lubrication System		
	Oil Filter Mounting	24	10
	Oil Pan	26	11
	Oil Pump	28	12
	PCV Valve	29	13
	Crankcase Breather	30	14
	Oil Filter Mounting Tube and Bracket	32	15
	Dipstick and Plugs	34	16
0104	Fuel System		
	Carburetor	35	17
	Fuel Pump	36	18
0105	Air Cleaner	38	19
0106	Engine Speed Governor and Controls		
	Governor Assembly	40	20
0107	Fuel Filter	42	21
0108	Cooling System		
	Engine Shroud	44	22
0109	Electrical System		
	Alternator Stator Assembly	46	23
0110	Starting Motor		
	Starting Motor Support Bracket	47	24
	Engine Starter	48	25
	Starter Solenoid and Cable	49	26
0111	Ignition Components	50	27
	Distributor Assembly	51	28
	High Temperature Safety Switch	52	29
0112	Exhaust System	54	30
0201	Lines and Fittings		
	Fuel Filler Hose	56	31
	Fuel Tank Vent Line	57	32
0301	Lights		
	Clearance Lights and Cable Clamps	58	33
	Right Clearance Light Cable Assembly	60	34
	Left Clearance Light Cable Assembly	61	35
	Front and Rear Clearance Lights	62	36
	Door Switch Wire Assembly	63	37

SECTION II. REPAIR PARTS LIST--CONTINUED

0303	Wiring Harness		
	Handy Box and Receptacle	64	38
	Cable Assembly (11020942)	66	39
	Cable Assembly (13217E8318)	67	40
	Compressor Motor Cable Assembly	68	41
	Cable Assembly (13217E8332)	69	42
	Enclosed Motor Starter	70	43
0401	Base, Generator Welder and Engine Mounting Welder and Control Panel Frame	72	44
0501	Stowage Straps	74	45
0502	Special Purpose Bodies		
	Body Assembly	76	46
	Left Vehicle Side Door Assembly	78	47
	Rear and Right Side Doors	80	48
	Door Assembly Components	82	49
	Tail Gate	84	50
0601	Accessory Items		
	Chassis, Towing Pintle and Bumper	86	51
	Hose Rack and Bottle Bracket	88	52
0602	Data Plates	90	53
0701	Arc Welder		
	Interpole Coils	92	54
0702	Rotor Assembly		
	Armature Assembly	94	55
0703	Stator Assembly	95	56
0704	Brush Holder Assembly	96	57
	Exciter Brush Holder	98	58
0705	Generator Housing Cover	100	59
0706	Frame Support Housing Carrier		
	Generator Housing Assembly	101	60
0707	Ventilating System		
	Flywheel Flexible Coupling and Housing	102	61
0708	Control Panel	104	62
0709	Connecting Devices		
	Battery Tray Assembly	108	63
0710	Handwheel Assembly	110	64
	Handwheel Assembly	112	65
	Overspeed Relay Assembly	114	66

		Page	Illus Figure
SECTION II.	REPAIR PARTS LIST--CONTINUED		
	0711 Voltage Regulator	116	67
	0901 Air Compressor Assembly	118	68
	Air Compressor Assembly		
	Exploded View	120	69
	0903 Air Receiver Tank Assembly	124	70
	Air Filter Assembly	126	71
	0904 Air Tank Check Valve	128	72
	0906 Compressor Electric Motor	130	73
	1000 Fire Fighting Equipment		
	Components	132	74
	90 Bulk Material	134	
SECTION III.	SPECIAL TOOLS LIST (NOT APPLICABLE)		
IV.	NSN, PART No. INDEX	137	

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 shop equipment, contact maintenances truck mounted. 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 National stock number (NSN) sequence.

b. Section III. Special Tools List. Not applicable.

c. Section IV. National Stock Number and Part Number Index. A list in National item identification number (NIIN, the last nine figures of the NSN) sequence, of all National stock numbers (NSNS)

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.

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 in 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.