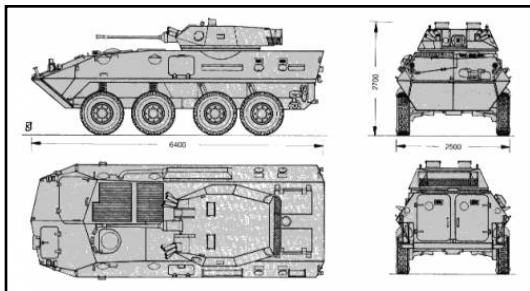


DMC25 WIRING SYSTEM SERVICE KIT

For the LAV-25 & LAV-AT Light Armored Vehicle



DMC25
for the LAV-25 & LAV-AT

THE MAINTENANCE PROBLEM...

Modern Light Armored Vehicles, such as the LAV-25 and LAV-AT, have complicated electrical wiring systems containing many different connectors, contacts and terminals, the repair of which require precision tools.

THE DMC SOLUTION...

IMMEDIATE AVAILABILITY OF TOOLS AND TECHNICAL INFORMATION.

DMC Wiring System Service Kits provide, in a single, well organized location, the tools necessary to strip, crimp, install and remove the typical contacts and terminals of this wiring system. The DMC25 kit contains the tooling to connector, contact and terminal cross reference information which indicate the particular tool(s) that should be selected to repair a specific connector, contact, or terminal. In addition, the kit also contains illustrated operating instructions for the required tooling.

ALL IN ONE. Since these tools, together with their operating instructions, are contained in a single kit, the connector repair can be made in the shortest time possible, thus permitting a rapid return of your Light Armored Vehicle to service. This tool kit is supplied in an environmentally sealed fiberglass case and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Tool Selection Charts.

NOTICE: Whenever possible, DMC designs its commercial kits around MIL-Spec and/or readily available commercial tools compatible with the components of the wiring system. These tools may not necessarily be the tools listed in a manufacturer's manual.



Actual Kit may vary from example shown.

DMC25

NSN: 4940-01-372-4977

DMC DANIELS MANUFACTURING CORPORATION[®]

DANIELS MANUFACTURING CORP., 526 THORPE ROAD, ORLANDO, FL 32824, USA
PHONE (407) 855-6161 • FAX (407) 855-6884 • www.DMCTools.com • E-MAIL: DMC@DMCTools.com

DMC25 WIRING SYSTEM SERVICE KIT

For the LAV-25 & LAV-AT Light Armored Vehicle

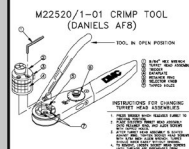
DMC25 TOOL AND ACCESSORY LIST		
	6	Crimp Tools
	3	Turret Heads
	5	Positioners
	1	Single Position Heads
	4	Die Sets
	10	Metal Insertion Tools
	12	Metal Removal Tools
	50	Plastic Ins/Rem Tools
	4	Contact gages
	2	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	2	Wire Strippers
	4	In-Service Inspection Gage
	1	Die Removal Tool
	1	Hex Wrench
	1	Strap Wrench
	6	Connector Wrenches

DMC25 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
MS17143	Insulated Terminals
MS20659	Non-Insulated Terminals
MS25036	Insulated Terminals
MS27142	Single Wire Connector
MS27144	Single Wire Connector
MIL-DTL-24308	D-SUB
MIL-DTL-26482	II
MIL-PRF-38999	I, III
AS50151	3450
MIL-DTL-55302	PWB Connectors
MIL-S-81824	Environmental Splices
Amphenol	44
Deutsch	DS
Tyco/Raychem	D-436

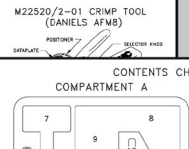
DATA PACKAGE

TOOL/ACCESSORY INSTRUCTION SHEET

M22520/1-01 CRIMP TOOL (DANIELS AF8)

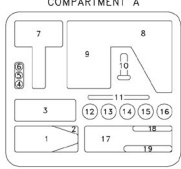


M22520/2-01 CRIMP TOOL (DANIELS AFM8)



CONTENTS CHART

COMPARTMENT A



SELECTION CHART

ITEM	DESCRIPTION	QTY	UNIT	REMARKS
1	CRIMP TOOL (DANIELS AF8)	6	EA	
2	CRIMP TOOL (DANIELS AFM8)	2	EA	
3	TURRET HEAD (DANIELS AF8)	3	EA	
4	TURRET HEAD (DANIELS AFM8)	3	EA	
5	POSITIONER (DANIELS AF8)	5	EA	
6	POSITIONER (DANIELS AFM8)	5	EA	
7	SINGLE POSITION HEAD (DANIELS AF8)	1	EA	
8	SINGLE POSITION HEAD (DANIELS AFM8)	1	EA	
9	DIE SET (DANIELS AF8)	4	EA	
10	DIE SET (DANIELS AFM8)	4	EA	
11	METAL INSERTION TOOL (DANIELS AF8)	10	EA	
12	METAL REMOVAL TOOL (DANIELS AF8)	12	EA	
13	METAL REMOVAL TOOL (DANIELS AFM8)	12	EA	
14	PLASTIC INS/REM TOOL (DANIELS AF8)	50	EA	
15	PLASTIC INS/REM TOOL (DANIELS AFM8)	50	EA	
16	CONTACT GAGE (DANIELS AF8)	4	EA	
17	CONTACT GAGE (DANIELS AFM8)	4	EA	
18	UNWIRED CONTACT REMOVAL TOOL (DANIELS AF8)	2	EA	
19	UNWIRED CONTACT REMOVAL TOOL (DANIELS AFM8)	2	EA	
20	WIRE CUTTER (DANIELS AF8)	1	EA	
21	WIRE CUTTER (DANIELS AFM8)	1	EA	
22	WIRE STRIPPERS (DANIELS AF8)	2	EA	
23	WIRE STRIPPERS (DANIELS AFM8)	2	EA	
24	IN-SERVICE INSPECTION GAGE (DANIELS AF8)	4	EA	
25	IN-SERVICE INSPECTION GAGE (DANIELS AFM8)	4	EA	
26	DIE REMOVAL TOOL (DANIELS AF8)	1	EA	
27	DIE REMOVAL TOOL (DANIELS AFM8)	1	EA	
28	HEX WRENCH (DANIELS AF8)	1	EA	
29	HEX WRENCH (DANIELS AFM8)	1	EA	
30	STRAP WRENCH (DANIELS AF8)	1	EA	
31	STRAP WRENCH (DANIELS AFM8)	1	EA	
32	CONNECTOR WRENCH (DANIELS AF8)	6	EA	
33	CONNECTOR WRENCH (DANIELS AFM8)	6	EA	

Actual Charts and Sheets may vary from examples shown.

NOTICE: Unless otherwise stated by DMC; tools contained in this kit have been selected based upon their suitability to service the related connector or contact indicated. Military Standard tools have been utilized wherever possible. These tools are not necessarily the production tools used to manufacture the vehicle and therefore, these tools may or may not correspond to the tools listed in the OEM wiring manual list of approved tooling. Verification Is Required.

TOOL KIT CONFIGURATION	
Type of Case	Portable
Number of Cases	1
Color	Green
Type of Construction	Fiberglass/Aluminum
Application	LAV-25 and LAV-AT
Coverage	Airframe Power Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Silhouetted Tool Cavities

DANIELS MANUFACTURING CORP., 526 THORPE ROAD, ORLANDO, FL 32824, USA
 PHONE (407) 855-6161 • FAX (407) 855-6884 • www.DMCTools.com • E-MAIL: DMC@DMCTools.com

COPYRIGHT © 2016 Daniels Manufacturing Corp. ALL RIGHTS RESERVED

02/16 DMC25-SL