



DMC1535 for the
LAV-25 & LAV-AT

NSN: 4940-01-372-4977

LAV-25 & LAV-AT LIGHT ARMORED VEHICLE

The LAV-25 & LAV-AT Light Armored Vehicle is an eight-wheeled amphibious armored reconnaissance vehicle built by General Dynamics Land Systems and used by the United States Marine Corps and the United States Army. The LAV-25 & LAV-AT is designed for many diverse demands that require complex electrical wiring systems containing many different connectors, contacts and terminals. Proper maintenance and repair of these electrical systems require precision tools. To protect your investment, DMC offers a comprehensive maintenance kit to service the wiring systems of the LAV-25 & LAV-AT.

DMC1535 MAINTENANCE KIT

The DMC1535 Wiring System Service Kit provides a turn-key solution and the tools necessary to strip, crimp, install and remove the typical contacts and terminals of this wiring system. The DMC1535 kit includes the tool to application cross reference information that indicates 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 designated tooling.

COMPREHENSIVE SOLUTION FOR MAINTENANCE AND REPAIR

DMC believes in providing a comprehensive, turn-key solution for electrical wire maintenance and repair. 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 aircraft to service. Tool kit supplied in three environmentally sealed cases and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Sheets, and Tool Selection Charts.

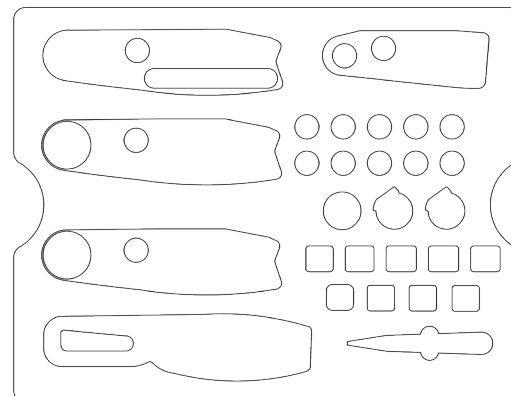
TOOL SELECTION CHART											
WIREHEAD CODES SERIES AND TYPE	CONNECTOR PART NUMBER	CONTACT PART NUMBER	P. COLOR BANDS	CONTACT SIZE	CRIMP TOOL PART NUMBER	TURRET HEAD OR AIR SEC. PART NUMBER	INSTALLING TOOL PART NUMBER	REMOVAL TOOL PART NUMBER	REMOVAL TOOL FOR REMOVED CONTACTS		
M22520/1-01 SERIES 1 CIRCULAR FRONT RELEASE CONTACTS	M22520/1-01	M22520/1-240 RED PLN BLK BLU GRN BRN WHT YEL	20-24	0020	AFR (M22520/1-01)	TSIA (M22520/1-01)	DA202 DA202-10 DA202-15 DA202-20	DR202 DR202-10 DR202-15 DR202-20	DR202-25 DR202-30 DR202-35 DR202-40		
M22520/2-01 SERIES 2 CIRCULAR REAR RELEASE CONTACTS	M22520/2-01	M22520/2-118 RED PLN BLK BLU GRN BRN WHT YEL	16-18	0018	AFR (M22520/1-01)	TSIA (M22520/1-01)	DA202 DA202-10 DA202-15 DA202-20	DR182 DR182-10 DR182-15 DR182-20	DR182-25 DR182-30 DR182-35 DR182-40		
M22520/3-01 SERIES 3 CIRCULAR REAR RELEASE CONTACTS	M22520/3-01	M22520/3-110 RED PLN BLK BLU GRN BRN WHT YEL	12-14	0012	AFR (M22520/1-01)	TSIA (M22520/1-01)	DA202 DA202-10 DA202-15 DA202-20	DR122 DR122-10 DR122-15 DR122-20	DR122-25 DR122-30 DR122-35 DR122-40		
M22520/4-01 SERIES 4 CIRCULAR REAR RELEASE CONTACTS	M22520/4-01	M22520/4-110 RED PLN BLK BLU GRN BRN WHT YEL	10-12	0010	AFR (M22520/1-01)	TSIA (M22520/1-01)	DA202 DA202-10 DA202-15 DA202-20	DR102 DR102-10 DR102-15 DR102-20	DR102-25 DR102-30 DR102-35 DR102-40		
M22520/5-01 SERIES 5 CIRCULAR REAR RELEASE CONTACTS	M22520/5-01	M22520/5-110 RED PLN BLK BLU GRN BRN WHT YEL	8-10	0008	AFR (M22520/1-01)	TSIA (M22520/1-01)	DA202 DA202-10 DA202-15 DA202-20	DR082 DR082-10 DR082-15 DR082-20	DR082-25 DR082-30 DR082-35 DR082-40		
M22520/6-01 SERIES 6 CIRCULAR REAR RELEASE CONTACTS	M22520/6-01	M22520/6-062 RED PLN BLK BLU GRN BRN WHT YEL	22	0022	AFMR (M22520/6-01)	AJ22 (M22520/6-01)	DA202 DA202-10 DA202-15 DA202-20	DR062 DR062-10 DR062-15 DR062-20	DR062-25 DR062-30 DR062-35 DR062-40		
M22520/7-01 SERIES 7 CIRCULAR REAR RELEASE CONTACTS	M22520/7-01	M22520/7-006 RED PLN BLK BLU GRN BRN WHT YEL	18	0018	AFR (M22520/1-01)	TSIA (M22520/1-01)	DA202 DA202-10 DA202-15 DA202-20	DR182 DR182-10 DR182-15 DR182-20	DR182-25 DR182-30 DR182-35 DR182-40		
M22520/8-01 SERIES 8 CIRCULAR REAR RELEASE CONTACTS	M22520/8-01	M22520/8-006 RED PLN BLK BLU GRN BRN WHT YEL	16	0016	AFR (M22520/1-01)	TSIA (M22520/1-01)	DA202 DA202-10 DA202-15 DA202-20	DR162 DR162-10 DR162-15 DR162-20	DR162-25 DR162-30 DR162-35 DR162-40		
M22520/9-01 SERIES 9 CIRCULAR REAR RELEASE CONTACTS	M22520/9-01	M22520/9-006 RED PLN BLK BLU GRN BRN WHT YEL	14	0014	AFR (M22520/1-01)	TSIA (M22520/1-01)	DA202 DA202-10 DA202-15 DA202-20	DR142 DR142-10 DR142-15 DR142-20	DR142-25 DR142-30 DR142-35 DR142-40		
M22520/10-01 SERIES 10 CIRCULAR REAR RELEASE CONTACTS	M22520/10-01	M22520/10-006 RED PLN BLK BLU GRN BRN WHT YEL	12	0012	AFR (M22520/1-01)	TSIA (M22520/1-01)	DA202 DA202-10 DA202-15 DA202-20	DR122 DR122-10 DR122-15 DR122-20	DR122-25 DR122-30 DR122-35 DR122-40		
M22520/11-01 SERIES 11 CIRCULAR REAR RELEASE CONTACTS	M22520/11-01	M22520/11-006 RED PLN BLK BLU GRN BRN WHT YEL	10	0010	AFR (M22520/1-01)	TSIA (M22520/1-01)	DA202 DA202-10 DA202-15 DA202-20	DR102 DR102-10 DR102-15 DR102-20	DR102-25 DR102-30 DR102-35 DR102-40		
M22520/12-01 SERIES 12 CIRCULAR REAR RELEASE CONTACTS	M22520/12-01	M22520/12-006 RED PLN BLK BLU GRN BRN WHT YEL	8	0008	AFR (M22520/1-01)	TSIA (M22520/1-01)	DA202 DA202-10 DA202-15 DA202-20	DR082 DR082-10 DR082-15 DR082-20	DR082-25 DR082-30 DR082-35 DR082-40		
M22520/13-01 SERIES 13 CIRCULAR REAR RELEASE CONTACTS	M22520/13-01	M22520/13-006 RED PLN BLK BLU GRN BRN WHT YEL	6	0006	AFR (M22520/1-01)	TSIA (M22520/1-01)	DA202 DA202-10 DA202-15 DA202-20	DR062 DR062-10 DR062-15 DR062-20	DR062-25 DR062-30 DR062-35 DR062-40		
M22520/14-01 SERIES 14 CIRCULAR REAR RELEASE CONTACTS	M22520/14-01	M22520/14-006 RED PLN BLK BLU GRN BRN WHT YEL	4	0004	AFR (M22520/1-01)	TSIA (M22520/1-01)	DA202 DA202-10 DA202-15 DA202-20	DR042 DR042-10 DR042-15 DR042-20	DR042-25 DR042-30 DR042-35 DR042-40		
M22520/15-01 SERIES 15 CIRCULAR REAR RELEASE CONTACTS	M22520/15-01	M22520/15-006 RED PLN BLK BLU GRN BRN WHT YEL	2	0002	AFR (M22520/1-01)	TSIA (M22520/1-01)	DA202 DA202-10 DA202-15 DA202-20	DR022 DR022-10 DR022-15 DR022-20	DR022-25 DR022-30 DR022-35 DR022-40		

DMC1535 LAV-25 & LAV-AT Kit

Coverage: Airframe Power Connectors, Terminals size 12 AWG and Smaller, Coaxial Connectors

Type of Inserts: Unicellular Polyethylene Foam with Die Cut Tool Cavities

Type of Construction: 3 Green Fiberglass/Aluminum Cases



DMC CONNECTOR COVERAGE

MANUFACTURER	SERIES
AS17143	Insulated Terminals
AS20659	Non-Insulated Terminals
AS25036	Insulated Terminals
MS27142	Single Wire Connector
MS27144	Single Wire Connector
MIL-DTL-24308	D-SUB
MIL-DTL-26482	II
MIL-DTL-38999	I, III
AS50151	3450
MIL-DTL-55302	PWB Connectors
MIL-S-81824	Environmental Splices
Amphenol	44
Deutsch	DS
Tyco/Raychem	D-436

KIT CONTENTS

8	Crimp Tools
3	Turret Heads
5	Positioners
1	Single Position Head
4	Die Sets
11	Metal Insertion Tools
12	Metal Removal Tools
50	Plastic Insertion/Removal Tools
4	Contact Gages
2	Unwired Contact Removal Tools w/ Probes
1	Wire Cutter
2	Wire Strippers
4	In-Service Inspection Gages
1	Die Removal Tool
1	Hex Wrench
2	T-Handle Wrenches
11	Adaptor Tools
1	Strap Wrench
6	Connector Wrenches
20	Socket Guide Pins
1	Heat Gun & Accessories

Refurbishment Services

To ensure the longevity of your investment, DMC offers kit refurbishment and calibration services. Contact DMC for details.

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 at the time of design. Military Standard tools have been utilized wherever possible. These tools are not necessarily the production tools used to manufacture the aircraft and therefore, these tools may or may not correspond to the tools listed in the OEM wiring manual and/or the Chapter 20 Standard Wiring Practices Manual list of approved tooling. Verification Is Required.