

# MAINTENANCE KITS

FOR ELECTRICAL CONNECTORS  
AND WIRING SYSTEMS



DMC1582 for the Stryker IAV

## THE MAINTENANCE PROBLEM...

Modern armored vehicles, such as the Stryker IAV, have complicated electrical wiring systems containing many different connectors, contacts and terminals, the repair of which require precision tools. It is not a cost effective use of the time of your technical staff to start from scratch and try to become intimately knowledgeable about which precision tools must be used to repair each electrical connector, contact and terminal when DMC has already performed this task for the Stryker IAV.

**TIME CONSTRAINTS.** Once the Stryker becomes inoperable because of a connector failure, it is imperative to be able to replace the connector, contact or terminal as quickly as possible to avoid loss of time and mission capability. The DMC1582 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Stryker in the shortest time possible.

## THE DMC SOLUTION...

**TOOLING RESEARCH.** DMC has already researched the wiring manual of the Stryker and has identified the most common tools required to maintain the electrical connectors in the Stryker. DMC has cross referenced these tools to the connectors, contacts and terminals, eliminating costly and time-consuming research which would otherwise have to be performed by your electrical technicians.

**IMMEDIATE AVAILABILITY OF TOOLS AND TECHNICAL INFORMATION.** The DMC1582 kit contains all of the tooling for connectors as well as contact and terminal cross reference information needed to support the Stryker. In addition, the DMC1582 kit also contains illustrated operating instructions for the required tooling.

**ALL IN ONE.** Since all of 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 Stryker to service.

Tool kit supplied in an environmentally



Actual Kit may vary from example shown.

sealed polypropylene case and includes:  
Name Plate, Foam Pads/Inserts,  
Contents Charts, Instruction Charts,  
and Tool Selection Charts.

DMC1582

**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

# MAINTENANCE KIT FOR Stryker IAV



## DMC1582 TOOL AND ACCESSORY LIST

	5	CRIMP TOOLS
	3	TURRET HEADS
	3	SINGLE POSITION HEADS
	3	INSPECTION GAGES
	4	CONTACT GAGES
	7	POSITIONERS
	1	DIE REMOVAL TOOL
	2	MODULE REMOVAL TOOLS
	2	DIE SETS
	3	UNWIRED REMOVAL TOOL
	10	PROBES
	18	ADAPTOR TOOLS
	1	SOFT JAW PLIER
	2	T-HANDLE WRENCHES
	1	WIRE CUTTER
	2	STRAP WRENCHES
	2	METAL REMOVAL TOOLS
	3	METAL INSTALLING TOOLS
	6	INSTALLING TWEEZERS
	7	REMOVAL TWEEZERS
	63	PLASTIC INS/REM TOOLS
	1	HEX WRENCH
	3	JAM NUT SOCKETS

## DMC1582 CONNECTOR COVERAGE

MANUFACTURER	SERIES
MIL-C-5015	3450 SERIES
MIL-C-38999	SERIES III
MIL-C-26482	SERIES II
MIL-C-24308	D-SUB MINIATURE
MS27142	WATERPROOF CONNECTORS
VG95234	REVERSE BAYONET CONNECTORS
DEUTSCH	BVD SERIES

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 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.

## DATA PACKAGE

TOOL/ACCESSORY INSTRUCTION SHEET

M22520/1-01 CRIMP TOOL (DANIELS AFB)

M22520/2-01 CRIMP TOOL (DANIELS AFM)

CONTENTS CHART

COMPARTMENT C

CONTENTS CHART

TOOL SELECTION CHART

## TOOL KIT CONFIGURATION

TYPE OF CASE	PORTABLE
NUMBER OF CASES	1
COLOR	GREEN
TYPE OF CONSTRUCTION	POLYPROPYLENE RESIN
APPLICATION	STRYKER IAV
COVERAGE	ELECTRICAL SYSTEM CONNECTORS, TERMINALS SIZE 12AWG AND SMALLER, AND COAXIAL CONNECTORS
TYPE OF INSERTS	UNICELLULAR POLYETHYLENE FOAM WITH DIE CUT TOOL CAVITIES

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