

DMC1519 WIRING SYSTEM SERVICE KIT

For the AC-130U SPECTRE GUNSHIP



THE MAINTENANCE PROBLEM...

Modern aircraft, such as the AC-130U Spectre Gunship, 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 AC-130U Spectre Gunship.

AOG TIME CONSTRAINTS. Once the aircraft 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 revenue loss due to AOG. The DMC1519 kit supplies your staff with both the information and the tools necessary to make this type of repair to the AC-130U Spectre Gunship in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the list of connectors for the AC-130U Spectre Gunship and has identified the most common tools required to maintain the electrical connectors in these aircraft. DMC has cross referenced tools to the connectors, contacts and terminals eliminating costly and time-consuming research which would otherwise have to be performed by your local technicians.

IMMEDIATE AVAILABILITY OF TOOLS AND TECHNICAL INFORMATION. The DMC1519 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the AC-130U. 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 two, environmentally sealed, fiberglass cases, the connector repair can be made in the shortest time possible, thus permitting a rapid return of your aircraft to service. Tool kit includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Tool Selection Charts.



Actual Kit may vary from example shown.

DMC1519

DMC DANIELS
MANUFACTURING
CORPORATION[®]

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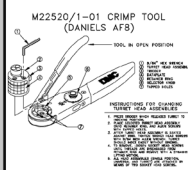
DMC1519 TOOL AND ACCESSORY LIST		
	8	Crimp Tools
	7	Turret Heads
	15	Positioners
	5	Single Position Heads
	18	Die Sets
	11	Metal Insertion Tools
	13	Metal Removal Tools
	111	Plastic Ins/Rem Tools
	4	Contact gages
	2	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	2	Wire Strippers
	5	In-Service Inspection Gages
	1	Die Removal Tool
	1	Hex Wrench
	3	Coaxial Cable Stripper
	1	Wire Harness Spoon
	1	Heat Gun w/ Accessory

TOOL KIT CONFIGURATION	
Type of Case	Portable/Environmental
Number of Cases	2
Color	Yellow
Type of Construction	Fiberglass/Aluminum
Application	AC-130U Spectre Gunship
Coverage	Airframe Power Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities

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 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.

DATA PACKAGE

TOOL/ACCESSORY INSTRUCTION SHEET



M22520/1-01 CRIMP TOOL (DANIELS AF8)

TOOL IN OPEN POSITION

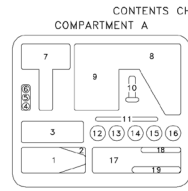
M22520/2-01 CRIMP TOOL (DANIELS AFM8)

POSITIONER SELECTOR KNOB

DISK PLATE

CONTENTS CHART

COMPARTMENT A



CONTENTS CHART

SELECTION CHART

TOOL/ACCESSORY	QTY	DESCRIPTION	QTY	DESCRIPTION
M22520/1-01 CRIMP TOOL (DANIELS AF8)	8	CRIMP TOOL	8	CRIMP TOOL
M22520/2-01 CRIMP TOOL (DANIELS AFM8)	7	CRIMP TOOL	7	CRIMP TOOL
M22520/1-01 CRIMP TOOL (DANIELS AF8)	15	POSITIONER	15	POSITIONER
M22520/1-01 CRIMP TOOL (DANIELS AF8)	5	SINGLE POSITION HEAD	5	SINGLE POSITION HEAD
M22520/1-01 CRIMP TOOL (DANIELS AF8)	18	DIE SET	18	DIE SET
M22520/1-01 CRIMP TOOL (DANIELS AF8)	11	METAL INSERTION TOOL	11	METAL INSERTION TOOL
M22520/1-01 CRIMP TOOL (DANIELS AF8)	13	METAL REMOVAL TOOL	13	METAL REMOVAL TOOL
M22520/1-01 CRIMP TOOL (DANIELS AF8)	111	PLASTIC INS/REM TOOL	111	PLASTIC INS/REM TOOL
M22520/1-01 CRIMP TOOL (DANIELS AF8)	4	CONTACT GAGE	4	CONTACT GAGE
M22520/1-01 CRIMP TOOL (DANIELS AF8)	2	UNWIRED CONTACT REMOVAL TOOL W/ PROBE	2	UNWIRED CONTACT REMOVAL TOOL W/ PROBE
M22520/1-01 CRIMP TOOL (DANIELS AF8)	1	WIRE CUTTER	1	WIRE CUTTER
M22520/1-01 CRIMP TOOL (DANIELS AF8)	2	WIRE STRIPPER	2	WIRE STRIPPER
M22520/1-01 CRIMP TOOL (DANIELS AF8)	5	IN-SERVICE INSPECTION GAGE	5	IN-SERVICE INSPECTION GAGE
M22520/1-01 CRIMP TOOL (DANIELS AF8)	1	DIE REMOVAL TOOL	1	DIE REMOVAL TOOL
M22520/1-01 CRIMP TOOL (DANIELS AF8)	1	HEX WRENCH	1	HEX WRENCH
M22520/1-01 CRIMP TOOL (DANIELS AF8)	3	COAXIAL CABLE STRIPPER	3	COAXIAL CABLE STRIPPER
M22520/1-01 CRIMP TOOL (DANIELS AF8)	1	WIRE HARNESS SPOON	1	WIRE HARNESS SPOON
M22520/1-01 CRIMP TOOL (DANIELS AF8)	1	HEAT GUN W/ ACCESSORY	1	HEAT GUN W/ ACCESSORY