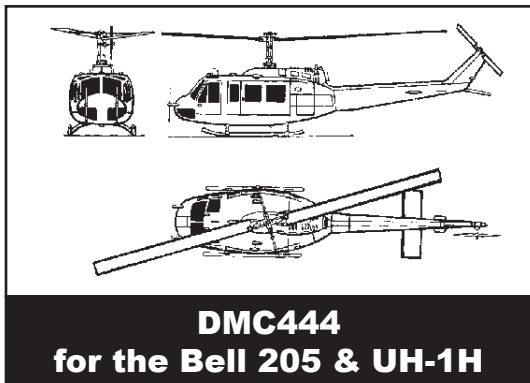


# DMC444 WIRING SYSTEM SERVICE KIT

## For the Bell 205 & UH-1H



### THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Bell 205 & UH-1H, 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 Bell 205 & UH-1H.

**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 loss of mission capability due to AOG. The DMC444 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Bell 205 & UH-1H in the shortest time possible.

### THE DMC SOLUTION...

**TOOLING RESEARCH.** DMC has already researched the list of connectors for the Bell 205 & UH-1H and has identified the most common tools required to maintain the electrical connectors in the Bell 205 & UH-1H. 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 DMC444 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the Bell 205 & UH-1H. In addition, the DMC444 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 Bell 205 & UH-1H to service.

















**DMC444**

**DMC** DANIELS  
MANUFACTURING  
CORPORATION

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# DMC444 WIRING SYSTEM SERVICE KIT

## For the Bell 205 & UH-1H

DMC444 TOOL AND ACCESSORY LIST		
	3	Crimp Tools
	2	Turret Heads
	4	Positioners
	4	Die Sets
	6	Metal Insertion Tools
	7	Metal Removal Tools
	20	Plastic Ins/Rem Tools
	3	Contact gages
	2	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	2	Wire Strippers
	1	In-Service Inspection Gage
	1	Die Removal Tool
	1	Hex Wrench

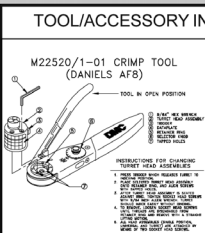
DMC444 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
MIL-DTL-24308	D-SUB
MIL-DTL-26482	I & II
MIL-PRF-38999	II
MIL-DPRF-39012	RF Coaxial
MIL-C-81511	II
MIL-T-7928	Insulated Terminals
ITT Cannon	D*MA
Kings	RF Coaxial

**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.

TOOL KIT CONFIGURATION	
Type of Case	Portable
Number of Cases	1
Color	Black
Type of Construction	Polypropylene
Application	Bell 205 & UH-1H
Coverage	Airframe Power Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Silhouetted Tool Cavities

### DATA PACKAGE

**TOOL/ACCESSORY INSTRUCTION SHEET**

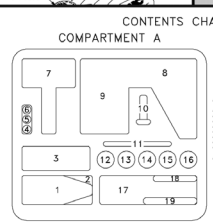


M22520/1-01 CRIMP TOOL (DANIELS AF8)

M22520/2-01 CRIMP TOOL (DANIELS AF8)

**CONTENTS CHART**

COMPARTMENT A



CONTENTS CHART

**SELECTION CHART**

ITEM	DESCRIPTION	QTY	UNIT	REMARKS
A1	M22520/1-01 CRIMP TOOL (DANIELS AF8)	3	EA	
A2	M22520/2-01 CRIMP TOOL (DANIELS AF8)	2	EA	
A3	TURRET HEADS	2	EA	
A4	POSITIONERS	4	EA	
A5	DIE SETS	4	EA	
A6	METAL INSERTION TOOLS	6	EA	
A7	METAL REMOVAL TOOLS	7	EA	
A8	PLASTIC INS/REM TOOLS	20	EA	
A9	CONTACT GAGES	3	EA	
A10	UNWIRED CONTACT REMOVAL TOOLS W/ PROBES	2	EA	
A11	WIRE CUTTER	1	EA	
A12	WIRE STRIPPERS	2	EA	
A13	IN-SERVICE INSPECTION GAGE	1	EA	
A14	DIE REMOVAL TOOL	1	EA	
A15	HEX WRENCH	1	EA	

Actual Charts and Sheets may vary from examples shown.