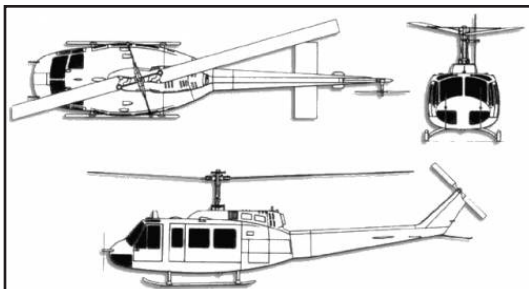


# DMC491 WIRING SYSTEM SERVICE KIT

## For the BELL 212/412



**DMC491**  
**for the BELL 212/412**

### THE MAINTENANCE PROBLEM...

Modern aircraft, such as the BELL 212/412, 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 DMC491 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 aircraft to service. Tool kit supplied in 1 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 an aircraft manufacturer's Chapter 20.



Actual Kit may vary from example shown.














**DMC491**

**DMC** DANIELS  
MANUFACTURING  
CORPORATION

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# DMC491 WIRING SYSTEM SERVICE KIT

## For the BELL 212/412

DMC491 TOOL AND ACCESSORY LIST		
	3	Crimp Tools
	4	Turret Heads
	6	Positioners
	5	Die Sets
	9	Metal Insertion Tools
	10	Metal Removal Tools
	54	Plastic Ins/Rem Tools
	4	Contact gages
	2	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	4	Wire Strippers
	1	In-Service Inspection Gage
	1	Die Removal Tool
	1	Hex Wrench

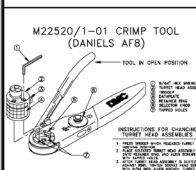
DMC491 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
MIL-C-24308	Rectangular
MIL-C-26482	Series 2
MIL-C-39012	RF Coaxial
MIL-C-5015	3450 Series
MIL-C-38999	Series 2
MIL-C-83723	Series 3
Bell Helicopter Standards	RF Coaxial
Amphenol/Bendix	RF Coaxial
Deutsch	DS Series
ITT Cannon	DPX*MA Series
Kings Electronics	RF Coaxial
Leach Relays	JL Series
Ted Manufacturing	RF Coaxial
Walter Kidde	Fire Detection Connectors
Winchester Electronics	MRE Series

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	Yellow
Type of Construction	Fiberglass/Aluminum
Application	BELL 212/412
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

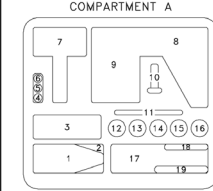


M22520/1-D1 CRIMP TOOL (DANIELS AFB)

M22520/2-D1 CRIMP TOOL (DANIELS AFM8)

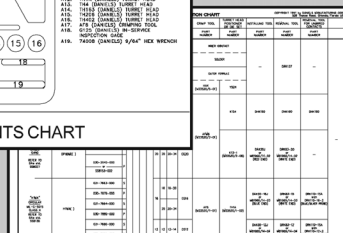
CONTENTS CHART

COMPARTMENT A



CONTENTS CHART

SELECTION CHART



Actual Charts and Sheets may vary from examples shown.