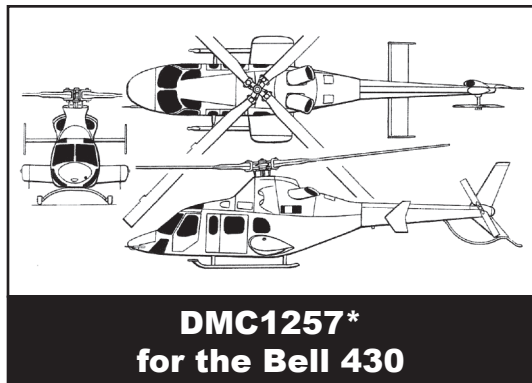


# DMC1257 WIRING SYSTEM SERVICE KIT

## For the Bell 430



### THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Bell 430, 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 430.

**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 DMC1257\* kit supplies your staff with both the information and the tools necessary to make this type of repair to the Bell 430 in the shortest time possible.

### THE DMC SOLUTION...

**TOOLING RESEARCH.** DMC has already researched the list of connectors for the Bell 430 and has identified the most common tools required to maintain the electrical connectors. 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 DMC1257 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 an environmentally sealed fiberglass case and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Tool Selection Charts.



Actual Kit may vary from example shown.

\*Tyco/TE Connectivity Tools are required for service, but not supplied under this kit part number. Space is provided in tool case for tools.




**DMC1257\***

**DMC** DANIELS  
MANUFACTURING  
CORPORATION

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# DMC1257 WIRING SYSTEM SERVICE KIT

## For the Bell 430

DMC1257* TOOL AND ACCESSORY LIST		
	7	Crimp Tools* (91510-1 NOT SUPPLIED)
	7	Turret Heads
	9	Positioners
	1	Single Position Heads
	2	Universal Positioners
	4	Die Sets
	10	Metal Insertion Tools* (455830-1 NOT SUPPLIED)
	12	Metal Removal Tools* (1804030-1 NOT SUPPLIED)
	70	Plastic Ins/Rem Tools
	4	Contact gages
	1	Wire Cutter
	2	Wire Strippers
	2	In-Service Inspection Gage
	1	Die Removal Tool
	1	Hex Wrench
	1	Wire Harness Spoon
	4	Coaxial Cable Stripper

**\*Tyco/TE Connectivity Tools are required for service, but not supplied under this kit part number. Space is provided in tool case for tools.**

DMC1257* CONNECTOR COVERAGE	
MANUFACTURER	SERIES
MIL-C-12883	Relays
MIL-C-38999	Series 2 & 3
MIL-C-24308	Rectangular Rack & Panel
MIL-C-26482	Series 2
MIL-T-7928	Insulated/Uninsulated Terminals & Splices
MIL-C-39012	RF Coaxial
MIL-C-5015	3450 Series
MIL-R-6106	Relay Modules
MIL-T-81714	Terminal Junctions
Aerospace Optics	Junction Modules
Amp	M Series Housings
Bendix	PT-CE Series
Deutsch	CTJ Series
ITT Cannon	D*MM, DPXMA Series
Kings	RF Coaxial
Molex	Power Connector Housings
Positronics	GMCT Series
Raychem	Mini-Seal Environmental Splices
Walter Kidde	Fire Detection Connectors
Winchester	MRAC Series

TOOL KIT CONFIGURATION	
Type of Case	Portable
Number of Cases	1
Color	Yellow
Type of Construction	Fiberglass/Aluminum
Application	Bell 430
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.