

MAINTENANCE KITS

FOR ELECTRICAL CONNECTORS
AND WIRING SYSTEMS

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 mission capability 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 wiring manual of the BELL 430 and has identified the most common tools required to maintain the electrical connectors in the BELL 430. 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 DMC1257 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the BELL 430. In addition, the DMC1257 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 430 to service.



Actual Kit may vary from example shown.

Tool kit supplied in 1 environmentally sealed fiberglass cases and includes:
Name Plate, Foam Pads/Inserts,
Contents Charts, Instruction Charts,
and Tool Selection Charts.

DMC1257

DMC DANIELS
MANUFACTURING
CORPORATION

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MAINTENANCE KIT FOR BELL 430



DMC1257 TOOL AND ACCESSORY LIST

	8	CRIMP TOOLS
	7	TURRET HEADS
	1	UNIVERSAL POSITIONER
	9	POSITIONERS
	1	SINGLE POSITION HEADS
	1	UNIVERSAL TURRET HEAD
	11	METAL INSERTION TOOLS
	13	METAL REMOVAL TOOLS
	70	PLASTIC INS/REM TOOLS
	4	CONTACT GAGES
	4	COAXIAL CABLE STRIPPERS
	1	HEX WRECH
	1	WIRE CUTTER
	2	WIRE STRIPPERS
	2	IN-SERVICE INSPECTION GAGE
	1	DIE REMOVAL TOOL
	4	DIE SETS

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

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 KIT CONFIGURATION	
TYPE OF CASE	PORTABLE / ENVIRONMENTAL
NUMBER OF CASES	1
COLOR	YELLOW
TYPE OF CONSTRUCTION	FIBERGLASS/ALUMINUM
APPLICATION	BELL 430
COVERAGE	AIRFRAME CONNECTORS, TERMINALS SIZE 12 AWG AND SMALLER, AND COAXIAL CONNECTORS
TYPE OF INSERTS	UNICELLULAR POLYETHYLENE FOAM WITH DIE CUT TOOL CAVITIES

TOOL/ACCESSORY INSTRUCTION SHEET

M22520/1-01 CRIMP TOOL
(DANIELS AFB)

M22520/2-01 CRIMP TOOL
(DANIELS AFMB)

CONTENTS CHART
COMPARTMENT A

CONTENTS CHART

SELECTION CHART