

DMC2221 WIRING SYSTEM SERVICE KIT

For the Bell 525 RELENTLESS



THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Bell 525, 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 525.

connector, contact or terminal as quickly as possible to avoid revenue loss due to AOG. The DMC2221 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Bell 525 in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the list of connectors for the Bell 525 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 DMC2221 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 2 environmentally sealed Polypropylene copolymer cases and includes: Name Plate, Foam Pads/ Inserts, Contents Charts, Instruction Charts, and Tool Selection Charts.



Actual Kit may vary from example shown.

DMC2221

DMC DANIELS
MANUFACTURING
CORPORATION®

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DMC2221 WIRING SYSTEM SERVICE KIT

For the BELL 525 RELENTLESS

DMC2221 TOOL AND ACCESSORY LIST		
	9	Crimp Tools
	12	Positioners
	6	Turret Heads
	3	Single Position Heads
	9	Die Sets
	3	In-Service Inspection Gages
	8	Metal Insertion Tools
	15	Metal Removal Tools
	45	Plastic Insertion/Rem Tools
	4	Contact gages
	2	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	2	Wire Strippers
	1	Die Removal Tool
	1	9/64" Hex Wrench
	1	Wire Harness Spoon
	4	Coaxial Cable Strippers
	1	Heat Gun & Nozzles

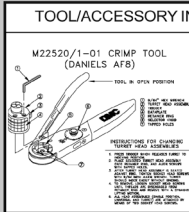
DMC2221 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
Amphenol	FT-Field, PT-CE, TV, Quadrax
Bell Helicopter	30-257, 30-292, 30-319
Deutsch (TE)	ABC, DMC-M
Positronics	CBC, DD, RD
Radiall	EPX
Rockwell Collins	Thin-Line 1,2
Souriau	8D
TE	CPC, Mini-Seal, Stratotherm, Solistrand
MIL-DTL-26482	2
MIL-DTL-38999	1, 2, 3
MIL-C-5015	3450
MIL-DTL-83723	3
MIL-PRF-12883	Relays, Sockets
MIL-T-81714	Terminal Junctions
MS25036	Insulated Terminals
MIL-T-7928	Insulated Terminals

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.

TOOL KIT CONFIGURATION	
Type of Case	Portable/Environmental
Number of Cases	2
Color	Yellow
Type of Construction	Polypropylene copolymer
Application	Bell 525
Coverage	Airframe Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities

DATA PACKAGE

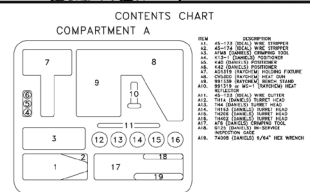
TOOL/ACCESSORY INSTRUCTION SHEET



M22520/1-01 CRIMP TOOL (DANIELS AF8)

CONTENTS CHART

COMPARTMENT A



CONTENTS CHART

SELECTION CHART

CONNECTOR	TOOL	POSITIONER	INSULATION	WIRE	WIRE GAUGE	WIRE TYPE	WIRE COLOR	WIRE LENGTH	WIRE DIA.	WIRE STRIP	WIRE STRIP DIA.	WIRE STRIP LENGTH	WIRE STRIP DIA.	WIRE STRIP LENGTH	WIRE STRIP DIA.	WIRE STRIP LENGTH
...

Actual Charts and Sheets may vary from examples shown.