

# DMC1238 WIRING SYSTEM SERVICE KIT

## For EUROCOPTER COUGAR AS 532



### DMC1238 for the Eurocopter Cougar AS 532

### THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Eurocopter Cougar AS 532, 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 Cougar AS 532.

**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 DMC1238 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Cougar AS 532 in the shortest time possible.

### THE DMC SOLUTION...

**TOOLING RESEARCH.** DMC has already researched the list of connectors for the Cougar AS 532 and has identified the most common tools required to maintain the electrical connectors in the Cougar AS 532. 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 DMC1238 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the Cougar AS 532. In addition, the DMC1238 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 Cougar AS 532 to service.



Actual Kit may vary from example shown.

## DMC1238
















**DMC** DANIELS MANUFACTURING CORPORATION<sup>®</sup>

Tool kit supplied in 2 environmentally sealed fiberglass cases and includes:  
Name Plate, Foam Pads/Inserts,  
Contents Charts, Instruction Charts,  
and Tool Selection Charts.

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PHONE (407) 855-6161 • FAX (407) 855-6884 • [www.DMCTools.com](http://www.DMCTools.com) • E-MAIL: [DMC@DMCTools.com](mailto:DMC@DMCTools.com)

# DMC1238 Cougar AS 532 MAINTENANCE KIT For Electrical Connectors and Wiring Systems

## DMC1238 TOOL AND ACCESSORY LIST

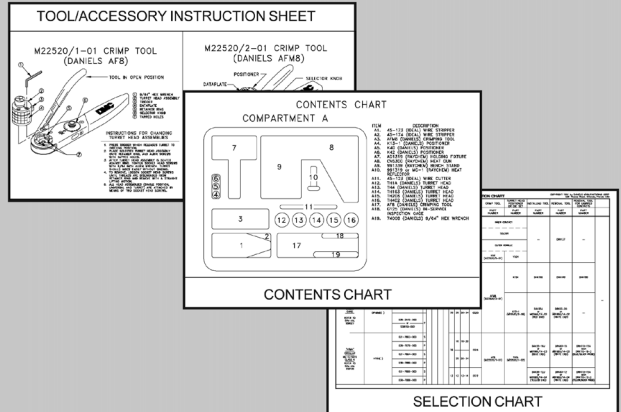
	7	Crimp Tools
	5	Turret Heads
	10	Positioners
	4	Single Position Heads
	13	Metal Insertion Tools
	16	Metal Removal Tools
	85	Plastic Ins/Rem Tools
	4	Contact gages
	2	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	2	Wire Strippers
	5	In-Service Inspection Gage
	1	Die Removal Tool
	9	Die Sets
	1	Hex Wrench
	3	Coaxial Cable Stripper
	400	Sealing Plugs

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.

## DMC1238 CONNECTOR COVERAGE

MANUFACTURER	SERIES
AMP-Tyco	RME
Burndy-FCI	Hyfen-Bantam
Deutsch	ADS,DTS,DBA,FDBA,TJ/CTJ, TSE
Leach	Relay Bases
Matrix Science	MT93
Radiall	RF Coaxial
Raychem	DK-621
Souriau	8D
MIL-C-26482	Series 2
MIL-C-38999	Series2
MIL-S-81824	Environmental Splices
MIL-T-7928	Insulated/Non-Insulated Terminals
NAS1599	Circular Connectors
Eurocopter	E0145, EN2997

**DATA PACKAGE**



The data package includes:

- TOOL/ACCESSORY INSTRUCTION SHEET (M22520/1-01 CRIMP TOOL (DANIELS AF5) and M22520/2-01 CRIMP TOOL (DANIELS AF4B))
- CONTENTS CHART (COMPARTMENT A)
- CONTENTS CHART (GENERAL)
- SELECTION CHART

## TOOL KIT CONFIGURATION

Type of Case	Portable
Number of Cases	2
Color	Yellow
Type of Construction	Fiberglass/Aluminum
Application	Eurocopter Cougar AS 532
Coverage	Airframe Power Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities