

# DMC902 MAINTENANCE KIT

## For Electrical Connectors and Wiring Systems



### THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Agusta A109/A129, 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 A109/A129.

**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 DMC902 kit supplies your staff with both the information and the tools necessary to make this type of repair to the A109/A129 in the shortest time possible.

### THE DMC SOLUTION...

**TOOLING RESEARCH.** DMC has already researched the list of connectors for the A109/A129 and has identified the most common tools required to maintain the electrical connectors in the A109/A129. 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 DMC902 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the A109/A129. In addition, the DMC902 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 A109/A129 to service.



Actual Kit may vary from example shown.


















**DMC902**

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

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

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# DMC902 AGUSTA A109/A129 MAINTENANCE KIT For Electrical Connectors and Wiring Systems

DMC902 TOOL AND ACCESSORY LIST		
	4	Crimp Tools
	2	Turret Heads
	10	Positioners
	1	Single Position Heads
	1	Universal Head
	12	Die Sets
	12	Metal Insertion Tools
	14	Metal Removal Tools
	65	Plastic Ins/Rem Tools
	4	Contact gages
	3	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	1	Wire Stripper
	2	In-Service Inspection Gages
	1	Die Removal Tool
	1	Hex Wrench
	4	Coaxial Cable Stripper

DMC902 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
MIL-C-24308	D-SUB
MIL-C-26482	II
MIL-C-38999	I, II
MIL-C-39012	RF Coaxial
MIL-C-5015	3450
MIL-C-83723	III
MIL-S-81824	Environmental Splices
MS25036	Insulated Terminals
AMP/Tyco	RM, Strato-Therm, Multimate
Amphenol	71, PT-CE, TV
Amphenol RF	RF Coaxial
Burndy	HYFEN-BANTAM
Deutsch	PATTERN 602
Kings	RF Coaxial
ONO Series	AIMS

TOOL KIT CONFIGURATION	
Type of Case	Portable
Number of Cases	1
Color	Yellow
Type of Construction	Fiberglass/Aluminum
Application	Agusta A109/A129
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.

