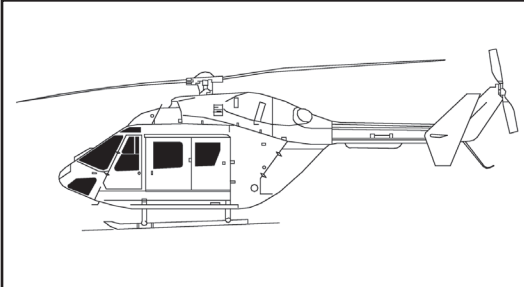


# DMC1808 MAINTENANCE KIT

## For Electrical Connectors and Wiring Systems



### DMC1808 for the Eurocopter EC-145

#### THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Eurocopter EC-145, 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 EC-145.

**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 DMC1808 kit supplies your staff with both the information and the tools necessary to make this type of repair to the EC-145 in the shortest time possible.

#### THE DMC SOLUTION...

**TOOLING RESEARCH.** DMC has already researched the wiring manual of the EC-145 and has identified the most common tools required to maintain the electrical connectors in the EC-145. 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 DMC1808 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the EC-145. In addition, the DMC1808 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 EC-145 to service.



Actual Kit may vary from example shown.

**DMC 1808**

**DMC** DANIELS  
MANUFACTURING  
CORPORATION



















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

DANIELS MANUFACTURING CORP., 526 THORPE ROAD, ORLANDO, FL 32824, USA  
PHONE (407) 855-6161 • FAX (407) 855-6884 • [www.DMCTools.com](http://www.DMCTools.com) • E-MAIL: [DMC@DMCTools.com](mailto:DMC@DMCTools.com)

# DMC1808 EC-145 MAINTENANCE KIT

## For Electrical Connectors and Wiring Systems

### DMC1808 TOOL AND ACCESSORY LIST

	6	Crimp Tools
	4	Turret Heads
	8	Positioners
	1	Single Position Head
	1	Universal Head
	1	Universal Positioner
	12	Metal Insertion Tools
	11	Metal Removal Tools
	63	Plastic Ins/Rem Tools
	4	Contact gages
	2	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	3	Wire Strippers
	2	In-Service Inspection Gage
	1	Die Removal Tool
	12	Die Sets
	1	Hex Wrench
	2	Coaxial Cable Stripper

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.

### DMC1808 CONNECTOR COVERAGE


MANUFACTURER	SERIES
MIL-C-26482	Series 1 and 2
MIL-C-38999	Series 3
MIL-C-5015	3100, 3450 Series
MIL-C-83723	Series 3
MIL-S-81824	Environmental Splices
MS20659	Non-Insulated Terminals
MS25036	Insulated Terminals
MIL-STD-1553	DATABUS
Amphenol - Socapex	SJT Series
Amphenol - Air LB	Terminal Junctions
Deutsch	DMC-M Series
ITT Cannon	CA Series
Leach	Relay Sockets
Souriau	851 Series, 8630 series
Tyco - Amp	PIDG, Solistrand, Stratotherm Series
Tyco - Raychem	D-436 Series

### TOOL KIT CONFIGURATION

Type of Case	Portable
Number of Cases	1
Color	Yellow
Type of Construction	Fiberglass/Aluminum
Application	Eurocopter EC-145
Coverage	Airframe Power Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities

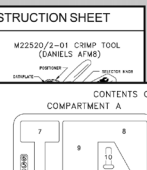
**DATA PACKAGE**

TOOL/ACCESSORY INSTRUCTION SHEET



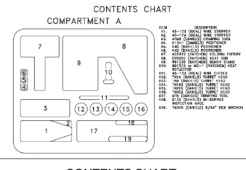
M22520/1-01 CRIMP TOOL (DANIELS AFMS)

M22520/1-01 CRIMP TOOL (DANIELS AFMS)



M22520/1-01 CRIMP TOOL (DANIELS AFMS)

**CONTENTS CHART**



**CONTENTS CHART**

**SELECTION CHART**

