

DMC684 BAE-146 MAINTENANCE KIT

For Electrical Connectors and Wiring Systems



THE MAINTENANCE PROBLEM...

Modern aircraft, such as the BAE-146, 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 BAE-146.

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 DMC684 kit supplies your staff with both the information and the tools necessary to make this type of repair to the BAE-146 in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the list of connectors for the BAE-146 and has identified the most common tools required to maintain the electrical connectors in the BAE-146. 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 DMC684 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the BAE-146. In addition, the DMC684 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 BAE-146 to service.



DMC684





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.

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DMC684 BAE-146 MAINTENANCE KIT

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DMC684 TOOL AND ACCESSORY LIST		
	5	Crimp Tools
	5	Turret Heads
	11	Positioners
	1	Single Position Head
	7	Die Sets
	19	Metal Insertion Tools
	23	Metal Removal Tools
	1	Metal Ins/Rem Tool
	67	Plastic Ins/Rem Tools
	4	Contact gages
	2	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	2	Wire Strippers
	1	In-Service Inspection Gage
	1	Die Removal Tool
	1	Hex Wrench

DMC684 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
MIL-C-26482	Series 2
MIL-C-38999	Series 2
MIL-C-39012	RF Coaxial
MIL-C-5015	3450 Series
MIL-C-81511	Series 2
MIL-C-81659	Series 2
MIL-C-83723	Series 2
MIL-T-81714	Terminal Junctions
AMP-Tyco	PIDG-Faston Series
Burndy	Busbar Terminal
Deutsch	DS Series
Hellermann Deutsch	Relay Bases
Hughes	EMS/ERS Series
ITT Cannon	CA, DPAMA, DPX Series
Leach Relays	Relay Base
Matrix Science	944, 941 Series
Raychem	Environmental Splices
Souriau	Pattern 602

TOOL KIT CONFIGURATION	
Type of Case	Portable/Environmental
Number of Cases	1
Color	Yellow
Type of Construction	Fiberglass/Aluminum
Application	BAE-146
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

M22520/14-01 CRIMP TOOL (DANIELS AFM)

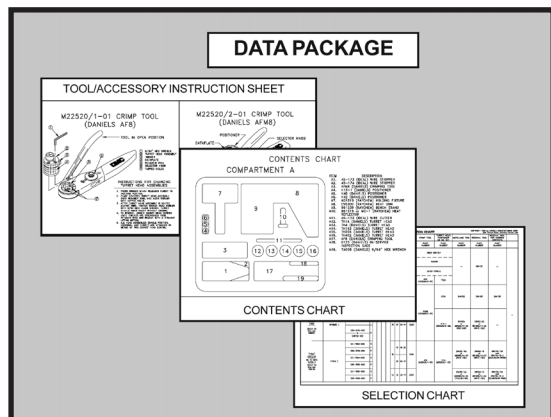
M22520/2-01 CRIMP TOOL (DANIELS AFM)

CONTENTS CHART

COMPARTMENT A

CONTENTS CHART

SELECTION CHART



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.