

DMC442 WIRING SYSTEM SERVICE KIT

For the HAWKER 700



THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Hawker 700, 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 Hawker 700.

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 DMC442 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Hawker 700 in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the list of connectors for the Hawker 700 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 DMC442 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 an environmentally sealed fiberglass case and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Tool Selection Charts.















DMC442

DMC DANIELS
MANUFACTURING
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DMC442 TOOL AND ACCESSORY LIST		
	4	Crimp Tools
	1	Positioner
	4	Turret Heads
	1	In-Service Inspection Gage
	11	Metal Insertion Tools
	12	Metal Removal Tools
	44	Plastic Insertion/Rem Tools
	3	Contact gages
	2	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	1	Wire Stripper
	1	9/64" Hex Wrench

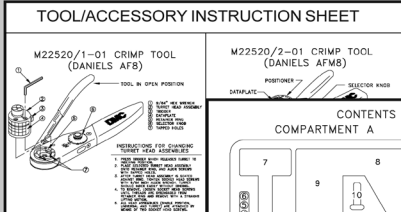
DMC442 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
AMP	Mate-N-Lock, Multimate, RME Series
Amphenol	48 Series
Bendix	JT, LJT, PT Series
Continental	MM Series
Deutsch	Common Termination Series
ITT Cannon	D*MA, DPX*MA Series
Leach Relays	Relays
Positronics	SGM Series
Viking	Pierced Tab
MIL-C-26482	Series 1
MIL-C-26500	Firewall Connectors
MIL-C-5015	3100 Series

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	1
Color	Yellow
Type of Construction	Fiberglass/Aluminum
Application	Hawker 700
Coverage	Airframe Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities

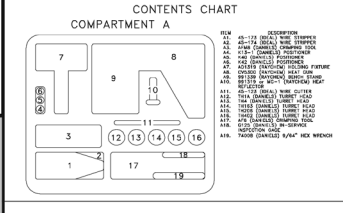
DATA PACKAGE

TOOL/ACCESSORY INSTRUCTION SHEET



CONTENTS CHART

COMPARTMENT A



SELECTION CHART

ITEM	DESCRIPTION	QTY	UNIT	REMARKS
1	M22520/1-01 CRIMP TOOL (DANIELS AF8)	4	EA	
2	M22520/2-01 CRIMP TOOL (DANIELS AFM8)	1	EA	
3	POSITIONER	1	EA	
4	TURRET HEADS	4	EA	
5	IN-SERVICE INSPECTION GAGE	1	EA	
6	METAL INSERTION TOOLS	11	EA	
7	METAL REMOVAL TOOLS	12	EA	
8	PLASTIC INSERTION/REMOVAL TOOLS	44	EA	
9	CONTACT GAGES	3	EA	
10	UNWIRED CONTACT REMOVAL TOOLS W/ PROBES	2	EA	
11	WIRE CUTTER	1	EA	
12	WIRE STRIPPER	1	EA	
13	9/64" HEX WRENCH	1	EA	

Actual Charts and Sheets may vary from examples shown.