

DMC40 WIRING SYSTEM SERVICE KIT

For the DASSAULT FALCON

THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Dassault Falcon, 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 Dassault Falcon.



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 DMC40 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Dassault Falcon in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the list of connectors for the Dassault Falcon 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 DMC40 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 Dassault Falcon 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.



DMC40


















DMC DANIELS
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DMC40 WIRING SYSTEM SERVICE KIT

For the DASSAULT FALCON

DMC40 TOOL AND ACCESSORY LIST

	5	Crimp Tools
	10	Positioners
	3	Turret Heads
	2	Die Sets
	1	In-Service Inspection Gage
	9	Metal Insertion Tools
	11	Metal Removal Tools
	36	Plastic Ins/Rem Tools
	1	Metal Ins/Rem Tool w/ Probes
	4	Contact gages
	2	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	3	Wire Strippers
	1	Die Removal Tool
	1	Hex Wrench
	2	Module Removal Tools
	1	Wire Harness Spoon

TOOL KIT CONFIGURATION

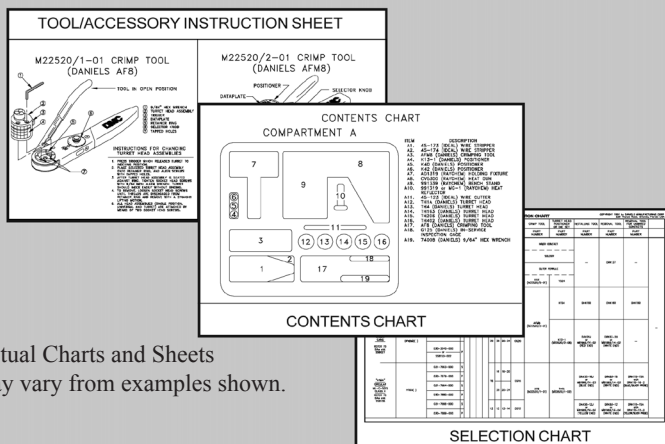
Type of Case	Portable
Number of Cases	1
Color	Yellow
Type of Construction	Fiberglass/Aluminum
Application	Dassault Falcon
Coverage	Airframe Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities

DMC40 CONNECTOR COVERAGE

MANUFACTURER	SERIES
AMP	HDM-20, RA, RM Series
Amphenol	69, 48 Series
Bendix ECD	JT, PC-E, SC-P Series
Collins Radio	Thin-Line I & II Series
Deutsch	CTJ, DM, TSE, TJ, 951, 991 Series
ITT Cannon	CA, D*C, D*MA, DPAMA, DPXMA Series
Positronics	SGM Series
Socapex	451 Series
Souriau	8140, 851, 852, 8555, 8630 Series
Winchester	MRE Series
MIL-C-5015	3100 Series
MIL-C-24308	Miniature Rack and Panel
MIL-C-26482	Series I
MIL-C-26500	Firewall Connectors
MIL-C-38999	Series 2
MIL-S-81824	Environmental Splices

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.

DATA PACKAGE



The data package includes:

- TOOL/ACCESSORY INSTRUCTION SHEET (e.g., M22520/1-01 CRIMP TOOL (DANIELS AF8))
- CONTENTS CHART COMPARTMENT A (diagram showing tool locations 1-19)
- CONTENTS CHART (overall tool list)
- SELECTION CHART (connector-to-tool mapping)

Actual Charts and Sheets may vary from examples shown.