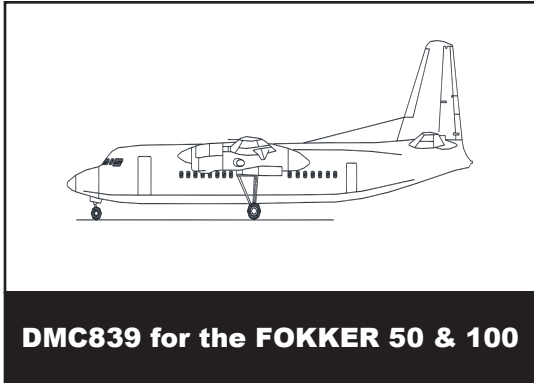


# DMC839 WIRING SYSTEM SERVICE KIT

## For the FOKKER 50 & 100



### THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Fokker 50 & 100, 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 Fokker 50 & 100.

**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 DMC839 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Fokker 50 & 100 in the shortest time possible.

### THE DMC SOLUTION...

**TOOLING RESEARCH.** DMC has already researched the list of connectors for the Fokker 50 & 100 and has identified the most common tools required to maintain the electrical connectors in the Fokker 50 & 100. 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 DMC839 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the Fokker 50 & 100. In addition, the 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 Fokker 50 & 100 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.



**DMC839**



















**DMC** DANIELS  
MANUFACTURING  
CORPORATION

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PHONE (407) 855-6161 • FAX (407) 855-6884 • [www.DMCTools.com](http://www.DMCTools.com) • E-MAIL: [DMC@DMCTools.com](mailto:DMC@DMCTools.com)

# DMC839 WIRING SYSTEM SERVICE KIT

## For the FOKKER 50 & 100

### DMC839 TOOL AND ACCESSORY LIST

	5	Crimp Tools
	14	Positioners
	6	Turret Heads
	9	Die Sets
	1	Single Position Head
	1	Hex Wrench
	2	In-Service Inspection Gages
	11	Metal Insertion Tools
	12	Metal Removal Tools
	70	Plastic Ins/Rem Tools
	4	Contact gages
	2	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	2	Wire Strippers
	1	Die Removal Tool
	2	Wire Stripper Blade Packs
	1	Wire Cutter w/ Cushion Grip
	1	Insertion/ Removal Tool w/ Tips

### TOOL KIT CONFIGURATION

Type of Case	Portable
Number of Cases	1
Color	Yellow
Type of Construction	Fiberglass/Aluminum
Application	Fokker 50 & 100
Coverage	Airframe Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities


### DMC839 CONNECTOR COVERAGE

MANUFACTURER	SERIES
AMP	PIDG, Solistrand, Terminyl, Insulated/Uninsulated Terminals and Splices
Bendix ECD	JT/LJT Series
Deutsch	Common Termination System, DBA, DL Series, Jiffy Junctions
Hellermann Deutsch	LL Series
Deutsch Relays	Relay Sockets
Graviner	Fire/Overheat Detection Connectors
Honeywell	Switches
ITT Cannon	BAKD/BKAE, CV, D*MA, DPA, DPX, DPX2/3, KJ, KM, PV Series
Jay-EI	Pushbutton Switches
Leach	Relay Sockets
Ledveco	LRS Series
Matrix Science	MB, MT, 944 Series
Raychem	Thermofit Environmental Splices
Specialty Connector	RF Coaxial
Souriau	852 Series
Viking	Thorkom 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.

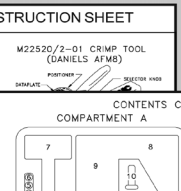
### DATA PACKAGE

**TOOL/ACCESSORY INSTRUCTION SHEET**



M22520/1-01 CRIMP TOOL (DANIELS AF8)

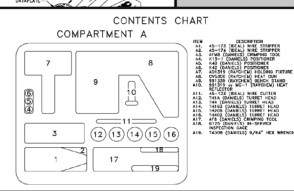
**M22520/2-01 CRIMP TOOL (DANIELS AFMB)**



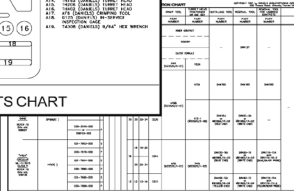
M22520/2-01 CRIMP TOOL (DANIELS AFMB)

**CONTENTS CHART**

COMPARTMENT A



**CONTENTS CHART**



**SELECTION CHART**

Actual Charts and Sheets may vary from examples shown.