

MAINTENANCE KITS

FOR ELECTRICAL CONNECTORS
AND WIRING SYSTEMS



THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Gulfstream III & IV, 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 Gulfstream III & IV.

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 DMC871 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Gulfstream III & IV in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the wiring manual of the Gulfstream III & IV and has identified the most common tools required to maintain the electrical connectors in the Gulfstream III & IV. 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 DMC871 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the Gulfstream III & IV. In addition, the DMC871 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 Gulfstream III & IV to service.



Actual Kit may vary from example shown.

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

DMC871

DMC DANIELS
MANUFACTURING
CORPORATION

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MAINTENANCE KIT FOR GULFSTREAM III & IV



DMC871 TOOL AND ACCESSORY LIST

	5	CRIMP TOOLS
	4	SINGLE POSITION HEADS
	10	POSITIONERS
	6	TURRET HEADS
	1	IN SERVICE INSPECTION GAGE
	15	METAL INSERTION TOOLS
	18	METAL REMOVAL TOOLS
	100	PLASTIC/METAL INS/REM TOOLS
	2	MODULE REMOVAL TOOLS
	6	DIE SETS
	4	CONTACT GAGES
	1	WIRE CUTTER
	2	WIRE STRIPPERS
	1	DIE REMOVAL TOOL
	1	HEX WRENCHES

DMC871 CONNECTOR COVERAGE

MANUFACTURER	SERIES
MIL-C-5015	"3450"
MIL-C-38999	1, 2, 3, 4
MIL-C-83723	3
MIL-C-81659	2
MIL-C-81511	3 & 4
MIL-C-26482	2
MIL-T-7928	SPLICES & TERMINALS
MIL-C-39012	C & N
MATRIX	944, 981, MT & MB91, MB92, MB93
AMP	TNC, BNC, N & NIC-66
AERO-E	AE55
BENDIX	PT-CE & BT-M
COLLINS RADIO	THIN LINE
DEUTSCH	815, AFD, CTJ & DBA, DL
ITT CANNON	DPXNA, DPXNE, BKAD/E/F, D*MA, FRF/FVF, FRA/FVA, DPAMA, DPXMA, CA-KE, D*M
FLIGHT	FF
RAYCHEM	MINI SEAL SPLICE

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
NUMBER OF CASES	1
COLOR	YELLOW
TYPE OF CONSTRUCTION	FIBERGLASS/ALUMINUM
APPLICATION	GULFSTREAM III & IV
COVERAGE	AIRFRAME CONNECTORS, TERMINALS SIZE 12AWG AND SMALLER, AND 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 AF78)

M22520/2-01 CRIMP TOOL (DANIELS AF78)

CONTENTS CHART COMPARTMENT A

CONTENTS CHART

SELECTION CHART