

MAINTENANCE KITS

FOR ELECTRICAL CONNECTORS
AND WIRING SYSTEMS



THE MAINTENANCE PROBLEM...

Modern aircraft 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.

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 DMC286-02 kit supplies your staff with both the information and the tools necessary to service the most common Airframe connectors in use today.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the wiring manuals of the major commercial aircraft manufacturers and has identified the most common tools required to maintain the most common airframe electrical connectors. 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.

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 aircraft to service.

Tool kit supplied in an environmentally

Actual Kit may vary from example shown.



sealed fiberglass case and includes:
Name Plate, Foam Pads/Inserts,
Contents Charts, Instruction Charts,
and Tool Selection Charts.

DMC286-02

DMC DANIELS
MANUFACTURING
CORPORATION

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DMC286-02 GENERAL AVIATION KIT



DMC286-02 TOOL AND ACCESSORY LIST

	3	CRIMP TOOLS
	1	UNIVERSAL TURRET HEAD
	2	TURRET HEADS
	6	POSITIONERS
	6	METAL INSERTION TOOLS
	5	METAL REMOVAL TOOLS
	65	PLASTIC INS/REM TOOLS
	4	CONTACT GAGES
	2	UNWIRED CONTACT REMOVAL TOOLS
	8	PROBES
	8	INSERTION TWEEZERS
	9	REMOVAL TWEEZERS
	1	WIRE CUTTER
	2	WIRE STRIPPERS
	1	IN-SERVICE INSPECTION GAGE
	1	HEX WRENCH
	8	DIE SETS
	1	DIE REMOVAL TOOL

DMC286-02 CONNECTOR COVERAGE

MANUFACTURER	SERIES
MIL-C-5015	3400 SERIES
MIL-C-5015	3450 SERIES
MIL-C-38999	SERIES I, II, III, IV
MIL-C-83723	SERIES I, II, III
MIL-C-81703	SERIES II & III
MIL-C-26482	SERIES I & II
MIL-T-7928	SPLICES & TERMINALS
MIL-C-39012	RF COAXIAL
MIL-C-24308	MINIATURE RACK & PANEL
MIL-C-26500	FIREWALL CONNECTORS

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.

THE KIT IS CONTAINED IN AN ENVIRONMENTALLY SEALED FIBER-GLASS CASE WITH THE FOLLOWING:

- FOAM PADS/INSERTS
- NAMEPLATE
- WARNING LABELS
- COVER SHEET
- CONTENTS CHARTS
- TOOL SELECTION CHARTS
- INSTRUCTION SHEETS

TOOL KIT CONFIGURATION

TYPE OF CASE	PORTABLE
NUMBER OF CASES	1
COLOR	YELLOW
TYPE OF CONSTRUCTION	FIBERGLASS/ALUMINUM
APPLICATION	GENERAL AVIATION KIT
COVERAGE	AIRFRAME CONNECTORS, TERMINALS SIZE 12AWG AND SMALLER, AND COAXIAL CONNECTORS
TYPE OF INSERTS	UNICELLULAR POLYETHYLENE FOAM WITH DIE CUT TOOL CAVITIES

DATA PACKAGE

The data package includes the following items:

- TOOL/ACCESSORY INSTRUCTION SHEET (M22520/1-01 CRIMP TOOL (DANIELS AFB) and M22520/2-01 CRIMP TOOL (DANIELS AFMB))
- CONTENTS CHART COMPARTMENT A
- CONTENTS CHART
- TOOL SELECTION CHART

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