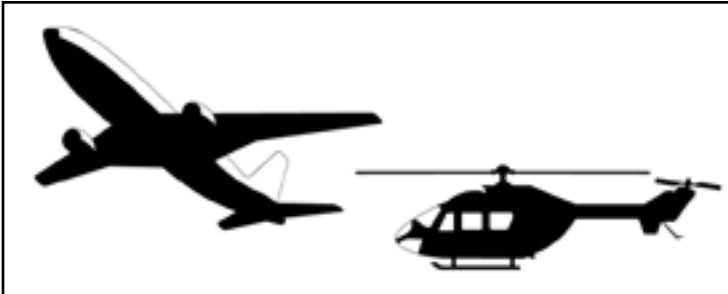


# ***DMC286-02 General Aviation MAINTENANCE KIT For Electrical Connectors and Wiring Systems***



**DMC286-02 for  
General Aviation Maintenance  
NSN: 5935-01-255-8581**

## ***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 when DMC has already performed this task for common Mil-Spec contacts.

**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 or loss of mission capability due to AOG. The DMC286-02 kit supplies your staff with both the information and the tools necessary to make this type of repair in the shortest time possible.

## ***THE DMC SOLUTION...***

**TOOLING RESEARCH.** DMC has already identified the most common tools required to maintain the common Mil-Spec 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.

**IMMEDIATE AVAILABILITY OF TOOLS AND TECHNICAL INFORMATION.** The DMC286-02 kit contains all of the tooling to connector, contact and terminal cross reference information needed. In addition, the DMC286-02 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 aircraft to service.



Actual Kit may vary from example shown.

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**DMC286-02**

**DMC** DANIELS  
MANUFACTURING  
CORPORATION

Tool kit supplied in 1 environmentally sealed fiberglass case and includes:  
Name Plate, Foam Pads/Inserts,  
Contents Charts, Instruction Charts,  
and Tool Selection Charts.

DANIELS MANUFACTURING CORP., 526 THORPE ROAD, ORLANDO, FL 32824, USA  
PHONE (407) 855-6161 • FAX (407) 855-6884 • [www.DMCTools.com](http://www.DMCTools.com) • E-MAIL: [DMC@DMCTools.com](mailto:DMC@DMCTools.com)

# DMC286-02 General Aviation MAINTENANCE KIT For Electrical Connectors and Wiring Systems

## DMC286-02 TOOL AND ACCESSORY LIST

	3	Crimp Tools
	2	Turret Heads
	6	Positioners
	1	Universal Turret Head
	14	Metal Insertion Tools
	14	Metal Removal Tools
	65	Plastic Ins/Rem Tools
	4	Contact gages
	2	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	2	Wire Strippers
	1	In-Service Inspection Gage
	1	Hex Wrench
	8	Die Sets
	1	Die Removal Tool

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.

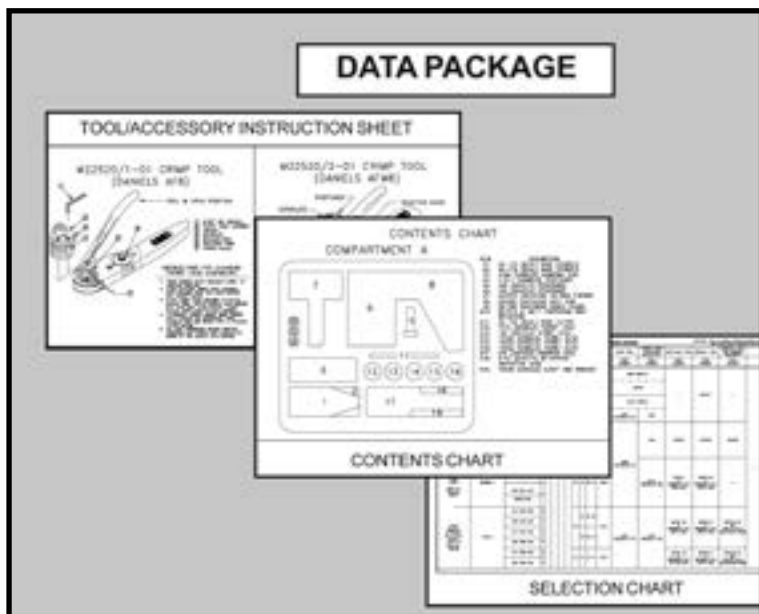
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## DMC286-02 CONNECTOR COVERAGE

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-24308	Miniature Rack & Panel
MIL-C-26500	Firewall Connectors
MIL-C-39012	RF Coaxial

## TOOL KIT CONFIGURATION

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



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