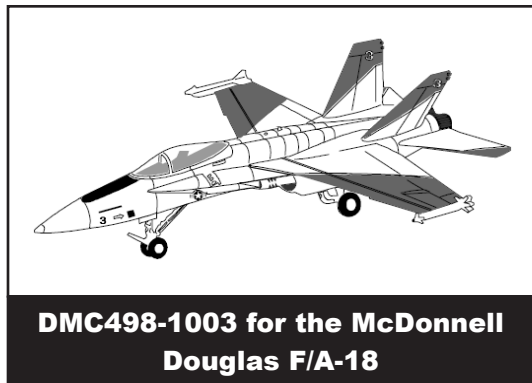


# DMC498-1003 WIRING SYSTEM SERVICE KIT For the McDonnell Douglas F/A-18



## THE MAINTENANCE PROBLEM...

Modern aircraft, such as the McDonnell Douglas F/A-18, 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 McDonnell Douglas F/A-18.

**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 DMC498-1003 kit supplies your staff with both the information and the tools necessary to make this type of repair to the McDonnell Douglas F/A-18 in the shortest time possible.

## THE DMC SOLUTION...

**TOOLING RESEARCH.** DMC has already researched the list of connectors for the McDonnell Douglas F/A-18 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 DMC498-1003 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 aircraft to service. Tool kit supplied in 1 steel roll-around cabinet and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Tool Selection Charts.



Actual Kit may vary from example shown.

**DMC498-1003**

**DMC** **DANIELS**  
**MANUFACTURING**  
**CORPORATION** ®

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# DMC498-1003 WIRING SYSTEM SERVICE KIT

## For the McDonnell Douglas F/A-18

### DMC498-1003 TOOL AND ACCESSORY LIST

7	Crimp Tools
12	Turret Heads
17	Positioners
18	Die Sets
6	Metal Insertion Tools
12	Metal Removal Tools
121	Plastic Ins/Rem Tools
4	Contact gages
1	Unwired Contact Removal Tools w/ Probes
39	Probes
1	Wire Cutter
7	Wire Strippers
1	In-Service Inspection Gage
1	Die Removal Tool
1	Hex Wrench
2	T-Handle Wrenches
1	Strap Wrench
4	Coaxial Cable Strippers
54	Adaptor Tools
1	Cable Tie Tool
1	Large Gage Crimp Tool with Two Dies
2	Cable Strippers
4	Retention Testers
15	Jam Nut Sockets
21	Replacement Blades
1	Air Nitrogen Heat Gun
1	Desoldering Tool
1	Soldering Iron
1	Jacket Cutter
5	Box/Open End Wrenchs
1	Crowfoot Wrench
2	Trim Tools
1	Cable Cutter

### DMC498-1003 CONNECTOR COVERAGE

MANUFACTURER	SERIES
AMP	Arinc 600
Amphenol	RF Coaxial, 165 Series
Automatic Connector	RF Coaxial
Bendix ECD	RF Coaxial/Triaxial, LJT, TVS Series
Bendix Microwave	RF Coaxial
Burndy	Smooth Bantam
Delta Electronics	RF Coaxial
Deutsch	DD, DS Series
G & H Technology	885 Series
Glenair	GA Series
ITT Cannon	DPXNE, KJL Series, RF Coaxial
Kings Electronics	RF Coaxial
Pyle National	BF Series
Solitron	RF Coaxial
TRW Cinch	RF Coaxial
Dept. of Defense	ONO Series
MIL-C-24308	Miniature Rectangular
MIL-C-26482	Series 1
MIL-C-26500	Firewall Connectors
MIL-C-38999	Series 1, 2, 3
MIL-C-39012	RF Coaxial
MIL-C-5015	3450 Series
MIL-C-81511	Series 4
MIL-C-81659	Rack and Panel
MIL-S-81824	Environmental Splices
MIL-T-7928	Insulated/Uninsulated Terminals/ Splices

NOTICE: Unless otherwise stated by DMC; 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. Verification Is Required.

### TOOL KIT CONFIGURATION

Type of Case	Tool Cabinet
Number of Cases	1
Color	Red
Type of Construction	Steel
Application	McDonnell Douglas F/A-18
Coverage	Airframe Power Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Silhouetted Tool Cavities