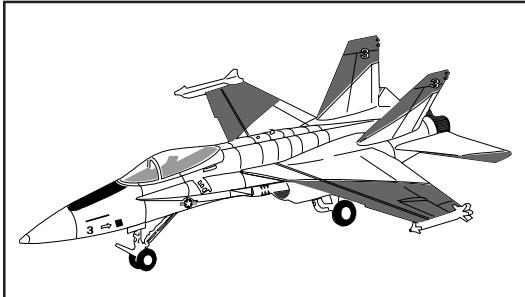


# MAINTENANCE KITS

FOR ELECTRICAL CONNECTORS  
AND WIRING SYSTEMS



**DMC498-1001 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 DMC498-1001 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 wiring manual of the McDonnell Douglas F/A-18 and has identified the most common tools required to maintain the electrical connectors in the McDonnell Douglas F/A-18. 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 DMC498-1001 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the McDonnell Douglas F/A-18. In addition, the DMC498-1001 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 McDonnell Douglas F/A-18 to service.

Tool kit supplied in a durable tool cabinet and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Tool-to-Connector Cross Reference Charts.



**DMC498-1001**

**DMC** DANIELS  
MANUFACTURING  
CORPORATION

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# MAINTENANCE KIT FOR McDONNELL DOUGLAS F/A-18



## DMC498-1001 TOOL AND ACCESSORY LIST

	6	CRIMP TOOLS
	8	TURRET HEADS/SINGLE POSITION HEADS
	17	POSITIONERS
	7	METAL INSERTION TOOLS
	7	METAL REMOVAL TOOLS
	121	PLASTIC INS/REM TOOLS
	4	CONTACT GAGES
	1	UNWIRED CONTACT REMOVAL TOOL
	39	PROBES
	1	WIRE CUTTER
	7	WIRE STRIPPERS
	1	IN-SERVICE INSPECTION GAGE
	1	DIE REMOVAL TOOL
	18	DIE SETS
	1	HEX WRENCH
	1	STRAP WRENCH W/ SPARE STRAP
	2	T-HANDLE WRENCHES
	4	COAXIAL CABLE STRIPPERS
	1	CABLE TIE TOOL
	1	LARGE GAGE CRIMP TOOL W/ TWO DIES
	2	CABLE STRIPPERS
	4	RETENTION TESTERS
	54	ADAPTOR TOOLS
	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 WRENCHES
	1	CROWFOOT WRENCH
	2	TRIM TOOLS
	1	CABLE CUTTER

## DMC498-1001 CONNECTOR COVERAGE

MANUFACTURER	SERIES
AMP	ARINC 600
AMPHENOL	RF COAXIAL, 165 SERIES
AUTOMATIC CONNECTOR	RF COAXIAL
BENDIX ECD	RF COAXIAL, 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

## 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 CONNECTORS, TERMINALS SIZE 12AWG AND SMALLER, AND COAXIAL CONNECTORS
TYPE OF INSERTS	UNICELLULAR POLYETHYLENE FOAM WITH DIE CUT TOOL CAVITIES

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