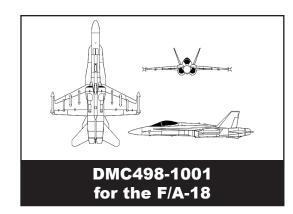
DMC498-1001 WIRING SYSTEM SERVICE KIT For the McDonnel Douglas F/A-18



THE MAINTENANCE PROBLEM...

Modern aircraft, such as the 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 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 F/A-18 in the shortest time possible.

THE DMC SOLUTION

TOOLING RESEARCH. DMC has already researched the list of connectors for the 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 DMC498-1001 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 rollaround cabinetand 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 • E-MAIL: DMC@dmctools.com

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DMC498-1001 TOOL AND ACCESSORY LIST		
5	Crimp Tools	
8	Turret Heads	
16	Positioners	
16	Die Sets	
5	Metal Insertion Tools	
12	Metal Removal Tools	
121	Plastic Ins/Rem Tools	
4	Contact gages	
2	Unwired Contact Removal Tools w/ Probes	
1	Wire Cutter	
8	Wire Strippers	
1	In-Service Inspection Gage	
1	Die Removal Tool	
1	Hex Wrench	
1	Wire Harness Spoon	
2	T-Handle Wrenches	
1	Strap Wrench	
3	Coaxial Cable Strippers	
54	Adaptor Tools	
1	Cable Tie Tool	
1	Hydraulic Crimp Tool with 9 Dies	
2	Cable Strippers	
4	Retention Testers	
14	Jam Nut Sockets	
15	Replacement Blades	
1	Air Nitrogen Heat Gun	
1	Desoldering Tools	
1	Soldering Iron	
1	Jacket Cutter	
5	Box/Open End Wrenchs	
1	Crowfoot Wrench	
2	Trim Tools	
1	Cable Cutter	
1	Special Wrench	
1	Electric Dial Torque Wrench	

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.

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 Power Connectors	
	Terminals size 12 AWG and Smaller	
	Coaxial Connectors	
Type of Inserts	Unicellular Polyethylene Foam with Silhouetted Tool Cavities	

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