

# DMC712 WIRING SYSTEM SERVICE KIT

## For the BOEING F-15 EAGLE

### THE MAINTENANCE PROBLEM...

Modern aircraft, such as the BOEING F-15, 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 Boeing F-15.



**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 DMC712 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Boeing F-15 in the shortest time possible.

### THE DMC SOLUTION...

**TOOLING RESEARCH.** DMC has already researched the list of connectors for the Boeing F-15 and has identified the most common tools required to maintain the electrical connectors in the Boeing F-15. 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 DMC712 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.



**5935-01-172-0901**

















**DMC712**

**DMC** DANIELS  
MANUFACTURING  
CORPORATION

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)

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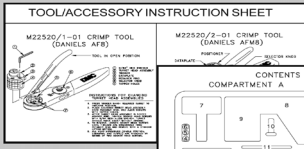
DMC712 TOOL AND ACCESSORY LIST		
	4	Crimp Tools
	7	Turret Heads
	15	Positioners
	4	Single Position Heads
	34	Die Sets
	16	Metal Insertion Tools
	22	Metal Removal Tools
	129	Plastic Ins/Rem Tools
	2	Unwired Contact Removal Tools w/ Probes
	2	Wire Cutters
	1	In-Service Inspection Gage
	2	Die Removal Tools
	1	Hex Wrench
	4	Coaxial Cable Strippers
	8	Wire Strippers
	6	Wire Stripper Replacement Blades
	1	Tie Wrap Tool
	1	Puller EWWS "RF" Cable
	1	Puller RWR "TK" Cable
	1	Pliers RWR "TK" Cable

DMC712 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
MIL-C-24308	Rack & Panel
MIL-C-26500	Firewall Connectors
MIL-C-26518	Rack & Panel
MIL-C-38999	Series 1 & 2
MIL-C-39012	RF Coaxial
MIL-C-5015	3450 Series
MIL-C-81511	Series 1 & 2
MIL-C-81582	Circular
MIL-C-81703	Series 2
MIL-C-83723	Series 3
MIL-T-7928	Insulated Terminals & Splices
MIL-T-81714	Terminal Junctions
Dept. of Defense	Series 1 & 2
AMP	Termashield Ferrules
Amphenol	48, 480 Series
Amphenol RF	RF Coaxial
Bendix	LJT, SJT Series
Bendix Microwave	RF Coaxial
Burndy	Hyfen-Bantam, Smooth-Bantam Series
Deutsch Relays	Relay Sockets
Deutsch	DS, D*SM, 73*** Series
ITT Cannon	"PV" Series
ITT Greomar	RF Coaxial
Solitron	RF Coaxial
Thomas & Betts	Non-Insulated Hi-Temp Terminals

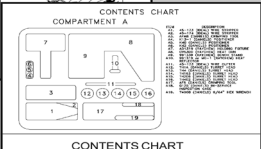
Tools contained in this kit have been selected based upon their suitability to service the related connector or contact indicated. Military Standard tools have been utilized wherever possible. These tools are not necessarily the production tools used to manufacture the aircraft and therefore, these tools 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.

**DATA PACKAGE**

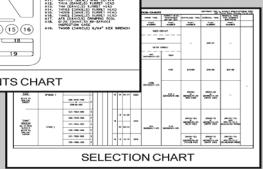
**TOOL/ACCESSORY INSTRUCTION SHEET**



**CONTENTS CHART**



**SELECTION CHART**



Actual Charts and Sheets may vary from examples shown.

TOOL KIT CONFIGURATION	
Type of Case	Portable / Environmental
Number of Cases	2
Color	Yellow
Type of Construction	Fiberglass/Aluminum
Application	BOEING F-15 Eagle
Coverage	Airframe Power Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities