

### 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 mission capability 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 wiring manual of 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 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 DMC712 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the BOEING F-15. In addition, the DMC712 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 BOEING F-15 to service.



Actual Kit may vary from example shown.

Tool kit supplied in 2 environmentally sealed fiberglass cases and includes:  
Name Plate, Foam Pads/Inserts,  
Contents Charts, Instruction Charts,  
and Tool Selection Charts.
























**DMC712**

**5935-01-172-0901**

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

# MAINTENANCE KIT FOR BOEING F-15 EAGLE

## DMC712 TOOL AND ACCESSORY LIST

	11 CRIMP TOOLS
	7 TURRET HEADS
	15 POSITIONERS
	4 SINGLE POSITION HEADS
	16 METAL INSERTION TOOLS
	21 METAL REMOVAL TOOLS
	129 PLASTIC INS/REM TOOLS
	5 UNWIRED CONTACT REMOVAL TOOLS
	12 PROBES
	4 COAXIAL CABLE STRIPPERS
	2 WIRE CUTTERS
	6 WIRE STRIPPERS
	6 WIRE STRIPPER REPLACEMENT BLADES
	1 IN-SERVICE INSPECTION GAGE
	2 DIE REMOVAL TOOL
	31 DIE SETS
	1 HEX WRENCH
	1 TIE WRAP TOOL
	1 PULLER EWWS "RF" CABLE
	1 PULLER RWR "TK" CABLE
	1 PLIERS RWR "TK" CABLE
	3 KAPTON WIRE STRIPPERS
	3 KAPTON REPLACEMENT BLADES

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

## 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 AND 3
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 AND SPLICES
MIL-T-81714	TERMINAL JUNCTIONS
DEPT. OF DEFENSE	ONO89562
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 GREMAR	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

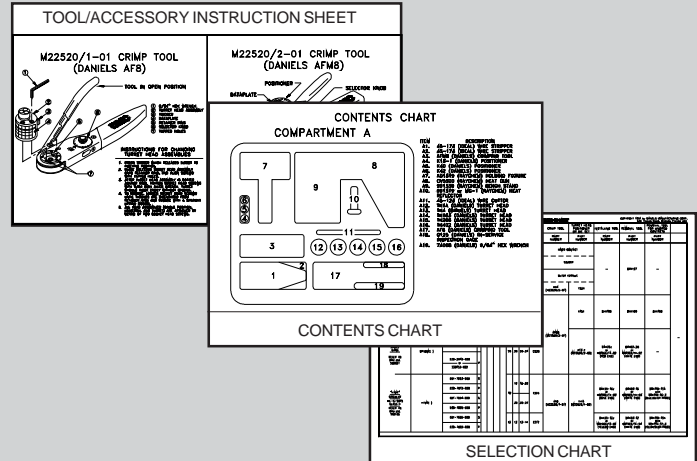
M22520/1-01 CRIMP TOOL (DANIELS AFB)

M22520/2-01 CRIMP TOOL (DANIELS AFM8)

CONTENTS CHART COMPARTMENT A

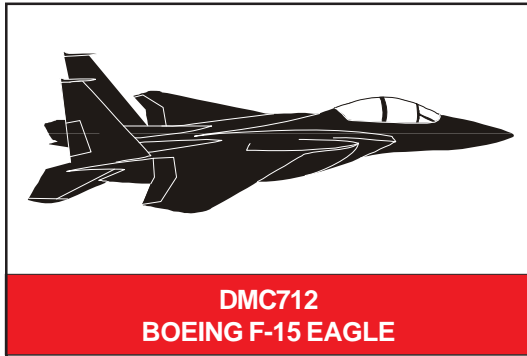
CONTENTS CHART

SELECTION CHART



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
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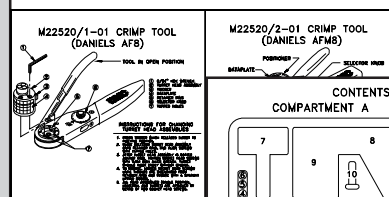
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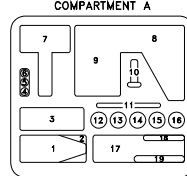
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### CONTENTS CHART



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ITEM	DESCRIPTION	QTY	UNIT
1	IN-SERVICE INSPECTION GAGE	1	EA
2	DIE REMOVAL TOOL	2	EA
3	KAPTON WIRE STRIPPERS	3	EA
4	KAPTON REPLACEMENT BLADES	3	EA
5	TIE WRAP TOOL	1	EA
6	HEX WRENCH	1	EA
7	PULLER EWWS "RF" CABLE	1	EA
8	PULLER RWR "TK" CABLE	1	EA
9	PLIERS RWR "TK" CABLE	1	EA
10	WIRE STRIPPERS	6	EA
11	WIRE STRIPPER REPLACEMENT BLADES	6	EA
12	WIRE CUTTERS	2	EA
13	COAXIAL CABLE STRIPPERS	4	EA
14	PROBES	12	EA
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19	SINGLE POSITION HEADS	4	EA
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22	CRIMP TOOLS	11	EA

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