

MAINTENANCE KITS

FOR ELECTRICAL CONNECTORS
AND WIRING SYSTEMS



THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Lockheed-FT. Worth F-16, 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 Lockheed-FT. Worth F-16.

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 DMC216 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Lockheed-FT. Worth F-16 in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the wiring manual of the Lockheed-FT. Worth F-16 and has identified the most common tools required to maintain the electrical connectors in the Lockheed-FT. Worth F-16. 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 DMC216 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the Lockheed-FT. Worth F-16. In addition, the DMC216 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 Lockheed-FT. Worth F-16 to service.

Tool kit supplied in an environmentally sealed fiberglass case and includes:
Name Plate, Foam Pads/Inserts, Contents Charts,



Actual Kit may vary from example shown.

Instruction Charts,
and Tool-to-Connector Cross
Reference Charts.

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DMC216

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CORPORATION**

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MAINTENANCE KIT FOR LOCKHEED-FT WORTH F-16



DMC216 TOOL AND ACCESSORY LIST

	3	CRIMP TOOLS
	1	SINGLE POSITION HEAD
	5	TURRET HEADS
	11	POSITIONERS
	4	METAL INSERTION TOOLS
	6	METAL REMOVAL TOOLS
	74	PLASTIC INS/REM TOOLS
	4	CONTACT GAGES
	3	UNWIRED CONTACT REMOVAL TOOLS
	13	PROBES
	5	INSERTION TWEEZERS
	5	REMOVAL TWEEZERS
	1	WIRE CUTTER
	3	WIRE STRIPPERS
	1	IN-SERVICE INSPECTION GAGE
	1	DIE REMOVAL TOOL
	1	HEX WRENCH
	2	MODULE REMOVAL TOOLS
	1	HOLDING FIXTURE
	1	COPPER FOILBACK TAPE
	9	DIE SETS
	1	TERMINATION FIXTURE

DMC216 CONNECTOR COVERAGE

MANUFACTURER	SERIES
MIL-C-25955	CIRCULAR
MIL-C-26482	SERIES 1 & 2
MIL-C-38999	SERIES 1 & 2
MIL-C-39012	RF COAXIAL
MIL-C-5015	3450 SERIES
MIL-C-81511	SERIES 2 & 4
MIL-C-81703	SERIES 2
MIL-C-83723	SERIES 3
MIL-C-83733	RACK & PANEL
MIL-F-21608	TYPE 1 FERRULE
MIL-T-7928	INSULATED TERMINALS & SPLICES
MIL-T-9177	AUDIO CONNECTORS
AMERICON	RF COAXIAL
AMPHENOL	94, 165 SERIES
AMPHENOL RF	RF COAXIAL
AUTOMATIC CONNECTOR	RF COAXIAL, TPS SERIES
BURNDY	HYFEN-BANTAN SERIES
DEUTSCH	COMMON TERMINATION SYSTEM
GENERAL DINAMICS	RF COAXIAL
LEACH	RELAYS
MICRODOT	MARC 53
PLESSEY	RF COAXIAL
RAYCHEM	MTCB SERIES, THERMOFIT ENVIRONMENTAL SPLICES
VIKING	THORKOM SERIES
WINCHESTER	MRE SERIES

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 COMPARTMENT A

CONTENTS CHART

TOOL SELECTION CHART

TOOL KIT CONFIGURATION

TYPE OF CASE	PORTABLE
NUMBER OF CASES	1
COLOR	GREEN
TYPE OF CONSTRUCTION	FIBERGLASS/ALUMINUM
APPLICATION	LOCKHEED-FT. WORTH F-16
COVERAGE	AIRFRAME CONNECTORS, TERMINALS SIZE 12AWG AND SMALLER, AND COAXIAL CONNECTORS
TYPE OF INSERTS	UNICELLULAR POLYETHYLENE FOAM WITH DIE-CUT TOOL CAVITIES