

MAINTENANCE KITS

FOR ELECTRICAL CONNECTORS
AND WIRING SYSTEMS



THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Boeing 777, 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 777.

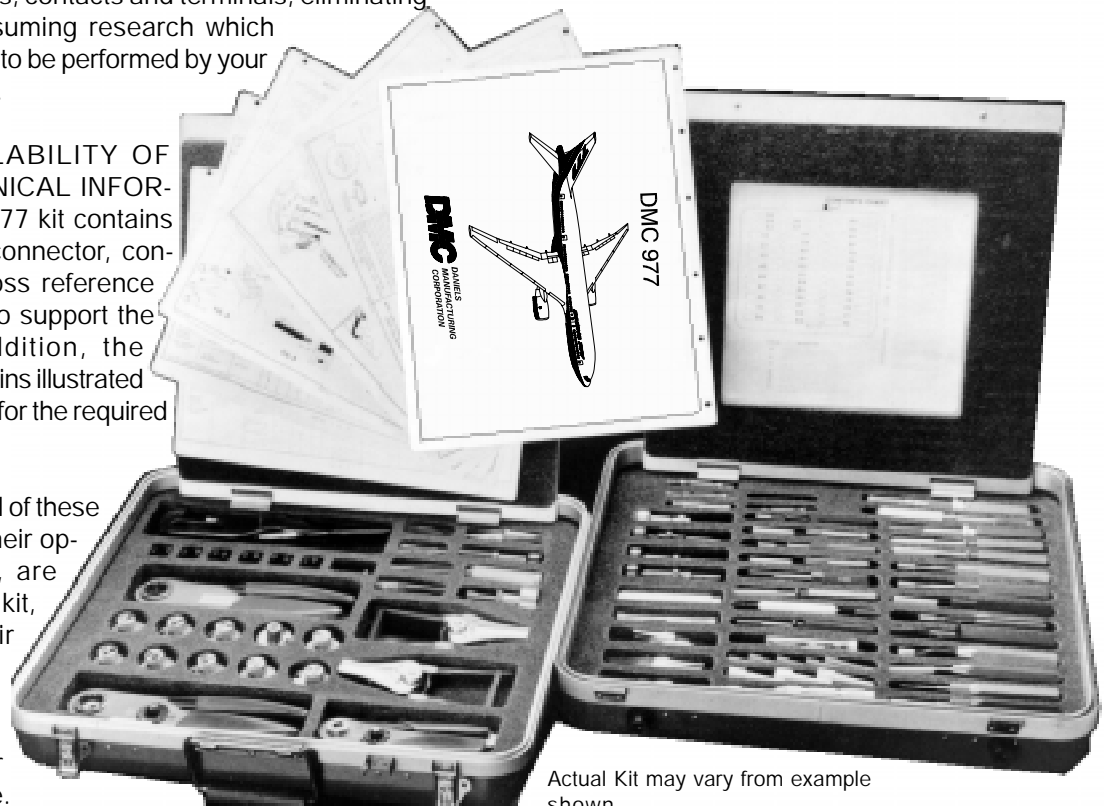
AOG TIME CONSTRAINTS. Once the aircraft becomes inoperable because of a connector failure, it is imperative to be able to replace the connector, contact or terminal as quickly as possible to avoid revenue loss due to AOG. The DMC977 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Boeing 777 in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the wiring manual of the Boeing 777 and has identified the most common tools required to maintain the electrical connectors in the Boeing 777. 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 DMC977 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the Boeing 777. In addition, the DMC977 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 777 to service.



Tool kit supplied in 3 environmentally sealed fiberglass cases and includes:

Name Plate, Foam Pads/Inserts,
Contents Charts, Instruction Charts,
and Tool Selection Charts.

DMC977

DMC DANIELS
MANUFACTURING
CORPORATION

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MAINTENANCE KIT FOR BOEING 777



DMC977 TOOL AND ACCESSORY LIST

	4	CONTACT GAGES
	10	CRIMP TOOLS
	3	TURRET HEADS
	6	SINGLE POSITION HEADS
	18	POSITIONERS
	19	DIE SETS
	14	METAL INSERTION TOOLS
	15	METAL REMOVAL TOOLS
	3	UNWIRED REMOVAL TOOLS
	11	PROBES
	161	PLASTIC/METAL INS/REM TOOLS
	2	INSPECTION GAGES
	1	THERMAL WIRE STRIPPER
	1	WIRE CUTTER
	1	DIE REMOVAL TOOL
	1	BANDING TOOL W/ACCESSORIES
	2	CABLE TIE TOOLS
	1	WIRE SEPARATOR TOOL
	2	MODULE REMOVAL TOOLS
	4	COAXIAL CABLE STRIPPERS
	17	TRIM JIGS
	3	HEX WRENCHES
	1	TORQUE DRIVER

DMC977 CONNECTOR COVERAGE

MANUFACTURER	SERIES
AMP	SOLISTRAND, PIDG
AMPHENOL	SINGLE WIRE SPLICE
AMPHENOL/BENDIX	10-584762 AND 10-584796
ARIZONA INTEGRATED ELEC.	AMC, ATC
BOEING	BACC63, BACC66, BACC45 BACS16, S280W55, S280W554
BURNDY	MB12
CINCH	1167A, ACIS
CODY	CQ()MA, CQ()RA, CTZ, C*MA, CB0Z, CBCXR
EATON	LIGHTED PUSHBUTTON SWITCHES
FENWAL	FIRE DETECTION CONNECTORS
ITT CANNON	DPXMA, DPXBMA, D*MA, BKAC/ D FRA, CA66278/CA66279, CA80503
ITT GREMAR	TWINAX CONNECTOR
KINGS ELECTRONICS	RF COAXIAL
PYLE-NATIONAL	ESC
RAYCHEM	MTC, D-436
ROSEMOUNT	00855
RMS	R0710, R0724
SOURIAU	892
MIL-C-26482	SERIES 1 AND 2
MIL-C-26500	—
MIL-C-38999	SERIES 1
MIL-C-5015	3400 AND 3450 SERIES
MIL-C-83723	SERIES 3

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

SELECTION CHART

TOOL KIT CONFIGURATION

TYPE OF CASE	PORTABLE
NUMBER OF CASES	3
COLOR	YELLOW
TYPE OF CONSTRUCTION	FIBERGLASS/ALUMINUM
APPLICATION	BOEING 777
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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