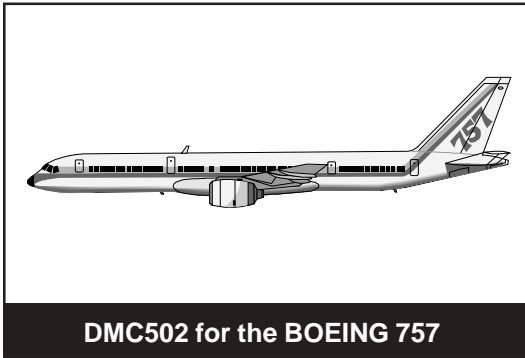


# MAINTENANCE KITS

FOR ELECTRICAL CONNECTORS  
AND WIRING SYSTEMS



## THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Boeing 757, 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 757.

**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 DMC502 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Boeing 757 in the shortest time possible.

## THE DMC SOLUTION...

**TOOLING RESEARCH.** DMC has already researched the wiring manual of the Boeing 757 and has identified the most common tools required to maintain the electrical connectors in the Boeing 757. 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 DMC502 kit contains all of the tooling for connectors as well as contact and terminal cross reference information needed to support the Boeing 757. In addition, the DMC502 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 757 to service.



Actual Kit may vary from example shown.

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

## DMC502

DANIELS MANUFACTURING CORP., 526 THORPE ROAD, ORLANDO, FL 32824, USA

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# MAINTENANCE KIT FOR BOEING 757



## DMC502 TOOL AND ACCESSORY LIST

	4	CONTACT GAGES
	3	CRIMP TOOLS
	2	TURRET HEADS
	2	SINGLE POSITION HEADS
	8	POSITIONERS
	9	DIE SETS
	5	METAL INSERTION TOOLS
	4	METAL INSERTION TWEEZERS
	4	METAL REMOVAL TOOLS
	5	METAL REMOVAL TWEEZERS
	2	UNWIRED REMOVAL TOOLS
	5	PROBES
	37	PLASTIC/METAL INS/REM TOOLS
	1	INSPECTION GAGE
	3	WIRE STRIPPERS
	1	WIRE CUTTER
	1	DIE REMOVAL TOOL
	1	HEX WRENCH

## DMC502 CONNECTOR COVERAGE

MANUFACTURER	SERIES
MIL-C-5015	3400 SERIES
MIL-C-26482	SERIES 1
MIL-C-26500	FIREWALL CONNECTORS
MIL-T-7928	INSULATED TERMINALS/SPLICES
AMPHENOL	48 SERIES
DEUTSCH	DD SERIES
FABRIC-TEK	200620/200627
FENWAL	FIRE DETECTION CONNECTORS
IN-CON	PRINTED CIRCUIT BOARDS
ITT CANNON	BKAD/BKAE, D*MA, DPDMB, DPXMA/DPXMB, FRF, KPSE SERIES
KINGS ELECTRONICS	RF COAXIAL
LEACH RELAYS	RELAY SOCKETS
MATRIX SCIENCE	MT, 944 SERIES
TJ ELECTRONICS	TT, TL SERIES
VIKING	RELAY SOCKETS

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.

## TOOL KIT CONFIGURATION

TYPE OF CASE	PORTABLE
NUMBER OF CASES	1
COLOR	YELLOW
TYPE OF CONSTRUCTION	FIBERGLASS/ALUMINUM
APPLICATION	BOEING 757
COVERAGE	AIRFRAME CONNECTORS, TERMINALS SIZE 12AWG AND SMALLER, AND COAXIAL CONNECTORS
TYPE OF INSERTS	UNICELLULAR POLYETHYLENE FOAM WITH DIE CUT TOOL CAVITIES

## DATA PACKAGE

TOOL/ACCESSORY INSTRUCTION SHEET

M22520/1-01 CRIMP TOOL (DANIELS AF8)

M22520/2-01 CRIMP TOOL (DANIELS AF8)

CONTENTS CHART

COMPARTMENT A

CONTENTS CHART

TOOL SELECTION CHART

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