

MAINTENANCE KITS

FOR ELECTRICAL CONNECTORS
AND WIRING SYSTEMS



THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Boeing 737, 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 737.

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 DMC1296 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Boeing 737 in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the wiring manual of the Boeing 737 and has identified the most common tools required to maintain the electrical connectors in the Boeing 737. 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 DMC1296 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the Boeing 737. In addition, the DMC1296 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 737 to service.



Actual Kit
may vary from example shown.

Tool kit supplied in 2 environmentally sealed fiberglass cases with tray and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Tool-to-Connector Cross Reference Charts.



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

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MAINTENANCE KIT FOR BOEING 737 SERIES



DMC1296 TOOL AND ACCESSORY LIST

| | |
|--|---------------------------------|
| | 8 CRIMP TOOLS |
| | 17 POSITIONERS |
| | 1 UNIVERSAL POSITIONER |
| | 4 TURRET HEADS |
| | 3 SINGLE POSITION HEADS |
| | 1 UNIVERSAL TURRET HEAD |
| | 12 METAL INSERTION TOOLS |
| | 15 METAL REMOVAL TOOLS |
| | 130 PLASTIC INS/REM TOOLS |
| | 4 CONTACT GAGES |
| | 3 UNWIRED CONTACT REMOVAL TOOLS |
| | 10 PROBES |
| | 4 INSERTION TWEEZERS |
| | 5 REMOVAL TWEEZERS |
| | 1 WIRE CUTTER |
| | 4 COAXIAL CABLE STRIPPERS |
| | 32 DIE SETS |
| | 1 DIE REMOVAL TOOL |
| | 1 HEX WRENCH |
| | 10 IN SERVICE INSPECTION GAGES |
| | 2 CABLE TIE TOOLS |
| | 15 TRIM JIGS |
| | 1 THERMAL WIRE STRIPPER |
| | 1 X-ACTO KNIFE |

DMC1296 CONNECTOR COVERAGE

| MANUFACTURER | SERIES |
|------------------------|--|
| AMP | MATE-N-LOCK, AMP-TAB, DB SERIES |
| AMPHENOL AEROSPACE | 48-7190/48-7191 REMOVABLE SPLICES, PT-SE SERIES |
| ARIZ. INT. ELECTRONICS | AMC, ATM SERIES |
| BOEING | BACC45FT/BACC45FN, BACC63, BACC66, S280W551, BACS16A, BACS16W, S280557, BACT12AC, BACT12C, S280W601, 10-60450 SERIES |
| BURNDY | MB12 SERIES |
| FENWAL | FIRE DETECTION CONNECTORS |
| ITT CANNON | DPAMA, DPX*MA/DPX*MB, DPD SERIES |
| KINGS ELECTRONICS | RF COAXIAL |
| LEACH | RELAYS |
| RADIALL | DSXN SERIES |
| RAYCHEM/CINCH | MTCP/ACIS SERIES |
| ROSEMOUNT | 00855 SERIES |
| MIL-C-26482 | SERIES 1 & 2 |
| MIL-C-38999 | SERIES 2 |
| MIL-C-5015 | 3450 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

M22520/1-01 CRIMP TOOL (DANIELS AFB)

M22520/2-01 CRIMP TOOL (DANIELS AFMB)

CONTENTS CHART COMPARTMENT A

CONTENTS CHART

TOOL SELECTION CHART

TOOL KIT CONFIGURATION

| | |
|----------------------|---|
| TYPE OF CASE | PORTABLE WITH TRAY |
| NUMBER OF CASES | 2 |
| COLOR | YELLOW |
| TYPE OF CONSTRUCTION | FIBERGLASS/ALUMINUM |
| APPLICATION | BOEING 737 SERIES |
| 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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