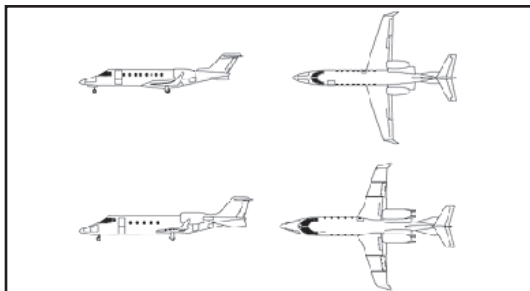


DMC1697 WIRING SYSTEM SERVICE KIT

For The LEARJET 25, 31A, 35, 45, 55 & 60



**DMC1697 for the
Learjet 25, 31A, 35,
45, 55, 60**

THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Learjet, 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 Learjet.

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 DMC1697 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Learjet in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the list of connectors for the Learjet and has identified the most common tools required to maintain the electrical connectors in the Learjet. 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 DMC1697 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the Learjet. In addition, the DMC1697 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 Learjet to service. Tool kit supplied in 2 environmentally sealed fiberglass cases and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Tool Selection Charts.



Actual Kit may vary from example shown.






















DMC1697

DMC DANIELS
MANUFACTURING
CORPORATION

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| DMC1697 TOOL AND ACCESSORY LIST | | |
|---|-----|---|
|  | 11 | Crimp Tools |
|  | 15 | Turret Heads |
|  | 19 | Positioners |
|  | 3 | Single Position Heads |
|  | 1 | Universal Positioner |
|  | 1 | Universal Head |
|  | 17 | Die Sets |
|  | 22 | Metal Insertion Tools |
|  | 23 | Metal Removal Tools |
|  | 3 | Metal Insertion/Removal Tools |
|  | 100 | Plastic Ins/Rem Tools |
|  | 4 | Contact gages |
|  | 2 | Unwired Contact Removal Tools w/ Probes |
|  | 1 | Wire Cutter |
|  | 2 | Wire Strippers |
|  | 2 | In-Service Inspection Gages |
|  | 1 | Die Removal Tool |
|  | 1 | Hex Wrench |
|  | 4 | Coaxial Cable Stripper |
|  | 3 | Module Removal Tools |
|  | 1 | Illuminated Magnifier |
| | 1 | Thermal Wire Stripper |
| | 1 | Wire Harness Spoon |

NOTICE: Unless otherwise stated by DMC; 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. Verification Is Required.

| DMC1697 CONNECTOR COVERAGE | |
|----------------------------|--|
| MANUFACTURER | SERIES |
| MIL-C-26482 | I & II |
| MIL-C-26500 | Firewall Connectors |
| MIL-C-38999 | I & II |
| MIL-C-39012 | RF Coaxial |
| MIL-C-5015 | 3450 |
| MIL-C-83723 | III |
| MIL-S-81824 | Environmental Splices |
| MS25036 | Insulated Terminals |
| MS20659 | Non-Insulated Terminals |
| AMP/Tyco | Amplimate, HD-20, M, Multimate M, CPC, Mate-N-Lok, Termashield, PIDG, RF Coaxial |
| Amphenol | 48, 69, 126, 165, 220221, 222, JT, LJT, PT-CE, PT-SE |
| Collins Radio | Thin-Line |
| Deutsch | AFD, A+D, DBA, DL, RSM, TJ, 460 |
| ELCO | Varilok |
| Fenwal | Fire Detection Connectors |
| ITT Cannon | D*C, D*MA, DPXB, DPXMA, CVA, KPTM, KPSE, PV |
| Learjet | S-800, 548, 318, 601 |
| McGraw Edison | Fire Detection Connectors |
| Microdot | Marc 53 |
| Molex | Plastic Housings |
| Panduit | Pan-Term |
| Positronics | Dersi-D, Melo-D, Rhapso-D, GMCT |
| Pyle-National | ELB |
| Raychem | MTC Wafers |
| Walter Kidde | Fire Detection Connectors |

| TOOL KIT CONFIGURATION | |
|------------------------|--|
| Type of Case | Portable |
| Number of Cases | 2 |
| Color | Yellow |
| Type of Construction | Fiberglass/Aluminum |
| Application | Learjet 25, 31A, 35, 45, 55, 60 |
| Coverage | Airframe Power Connectors |
| | Terminals size 12 AWG and Smaller |
| | Coaxial Connectors |
| Type of Inserts | Unicellular Polyethylene Foam with Die Cut Tool Cavities |

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