

DMC1999R WIRING SYSTEM SERVICE KIT

For The BOMBARDIER C SERIES/AIRBUS A220



THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Bombardier C Series and Airbus A220, 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 these aircraft.

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 DMC1999R kit supplies your staff with both the information and the tools necessary to make this type of repair to the Bombardier C Series and Airbus A220 in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the list of connectors for the Bombardier C Series and Airbus A220 and has identified the most common tools required to maintain the electrical connectors. DMC has cross referenced tools to the connectors, contacts and terminals eliminating costly and time-consuming research which would otherwise have to be performed by your local technicians.

IMMEDIATE AVAILABILITY OF TOOLS AND TECHNICAL INFORMATION. The DMC1999R kit contains the tooling to connector, contact and terminal cross reference information which indicate the particular tool(s) that should be selected to repair a specific connector, contact, or terminal. In addition, the kit also contains illustrated operating instructions for the required tooling.

ALL IN ONE. Since 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 aircraft to service. Tool kit supplied in a 5-Drawer Red Steel rollaround cabinet and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Tool Selection Charts.



Actual Kit may vary from example shown.



















DMC1999R

DMC **DANIELS**
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| DMC1999R TOOL AND ACCESSORY LIST | | |
|-------------------------------------------------------------------------------------|----|-----------------------------------------|
|  | 14 | Crimp Tools |
|  | 5 | Turret Heads |
|  | 15 | Positioners |
|  | 6 | Single Position Heads |
|  | 19 | Metal Insertion Tools |
|  | 21 | Metal Removal Tools |
|  | 88 | Plastic Ins/Rem Tools |
|  | 4 | Contact gages |
|  | 3 | Unwired Contact Removal Tools w/ Probes |
|  | 1 | Wire Cutter |
|  | 2 | Wire Strippers |
|  | 16 | In-Service Inspection Gages |
|  | 1 | Die Removal Tool |
|  | 14 | Die Sets |
|  | 1 | Hex Wrench |
|  | 4 | Coaxial Cable Stripper |
|  | 1 | Wire Harness Spoon |
|  | 1 | Cable Tie Removal Tool |

| DMC1999R CONNECTOR COVERAGE | |
|-----------------------------|-------------------------|
| MANUFACTURER | SERIES |
| Amphenol | TV, T3, TJ, 91, 48-719X |
| Amphenol RF | RF Coaxial |
| Deutsch (TE) | EN4165 |
| ECS | RF Coaxial |
| Glenair | Mighty Mouse |
| ITT Cannon | DPXB, BKA* |
| PCD (AAO) | SJS |
| Radiall | EPX, NSX |
| Raychem (TE) | Splices, RBD/RTD |
| Rockwell Collins | Thin-Line |
| MIL-DTL-24308 | D-Sub |
| MIL-DTL-26482 | 2 |
| MIL-DTL-38999 | 1, 2, 3 |
| MIL-C-5015 | 3450 |
| MIL-DTL-83723 | 3 |
| MS20659 | Non-Insulated Terminals |
| MS25036 | Insulated Terminals |
| European Standards | EN2997, EN3646, EN4165 |

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 | 5-Drawer Kennedy |
| Number of Cases | 1 |
| Color | Red |
| Type of Construction | Steel |
| Application | Bombardier C Series and Airbus A220 |
| Coverage | Airframe Power Connectors |
| | Terminals size 12 AWG and Smaller |
| | Coaxial Connectors |
| Type of Inserts | Unicellular Polyethylene Foam with Die Cut Tool Cavities |