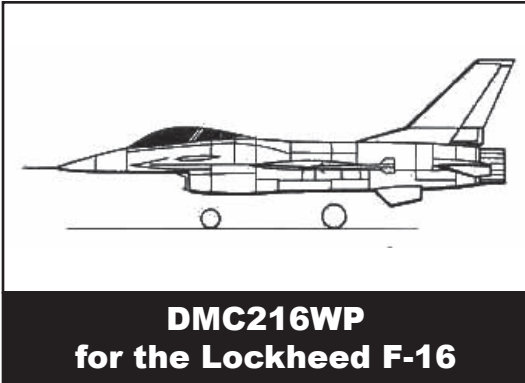


DMC216WP MAINTENANCE KIT

For Electrical Connectors and Wiring Systems



THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Lockheed F-16, 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 F-16.

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 loss of mission capability due to AOG. The DMC216WP kit supplies your staff with both the information and the tools necessary to make this type of repair to the F-16 in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the wiring manual of the F-16 and has identified the most common tools required to maintain the electrical connectors in the F-16. 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 DMC216WP kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the F-16. In addition, the DMC216WP 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 F-16 to service.



Actual Kit may vary from example shown.

DMC216WP

DMC **DANIELS**
MANUFACTURING
CORPORATION®


















Tool kit supplied in 1 Ultra High Impact Copolymer case and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Tool Selection Charts.

DANIELS MANUFACTURING CORP., 526 THORPE ROAD, ORLANDO, FL 32824, USA
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DMC216WP F-16 MAINTENANCE KIT

For Electrical Connectors and Wiring Systems

DMC216WP TOOL AND ACCESSORY LIST

| | | |
|---|----|---|
|  | 4 | Crimp Tools |
|  | 5 | Turret Heads |
|  | 12 | Positioners |
|  | 2 | Single Position Heads |
|  | 12 | Metal Insertion Tools |
|  | 10 | Metal Removal Tools |
|  | 32 | Plastic Ins/Rem Tools |
|  | 3 | Unwired Contact Removal Tools w/ Probes |
|  | 1 | Wire Cutter |
|  | 3 | Wire Strippers (TKT) |
|  | 1 | In-Service Inspection Gage |
|  | 1 | Die Removal Tool |
|  | 10 | Die Sets |
|  | 1 | Hex Wrench |
|  | 2 | Modular/Relay Extraction Tools |
|  | 1 | Termination Fixture |
|  | 1 | Copper Tape (Roll) |

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.

DMC216WP CONNECTOR COVERAGE

| MANUFACTURER | SERIES |
|---------------------|---------------------------|
| MIL-C-25955 | |
| MIL-C-26482 | Series 1 & 2 |
| MIL-C-38999 | Series 1 & 2 |
| MIL-C-39012 | RF Coaxial |
| MIL-C-5015 | 3450 Series |
| MIL-C-81511 | Series 2 & 4 |
| MIL-C-81703 | Series 2 |
| MIL-C-83723 | Series 3 |
| MIL-C-83733 | Rack & Panel |
| MIL-F-21608 | Non-Insulated Ferrules |
| MIL-T-7928 | Insulated Terminals |
| MIL-T-9177 | Audio Connectors |
| MIL-STD-1760 | Databus |
| Americon | RF Coaxial |
| Amphenol | 94, 165 Series |
| Amphenol RF | RF Coaxial |
| Automatic Connector | RF Coaxial |
| Burndy | Hyfen-Bantam Series |
| Deutsch | Common Termination System |
| General Dynamics | RF Coaxial |
| Leach International | Relays |
| Microdot | Marc 53 |
| Raychem | MTCB |
| Viking | Thorkom |
| Winchester | MRE |

TOOL KIT CONFIGURATION

| | |
|----------------------|--|
| Type of Case | Portable |
| Number of Cases | 1 |
| Color | Black |
| Type of Construction | Ultra High Impact Copolymer |
| Application | Lockheed F-16 |
| Coverage | Airframe Power Connectors |
| | Terminals size 12 AWG and Smaller |
| | Coaxial Connectors |
| Type of Inserts | Unicellular Polyethylene Foam with Die Cut Tool Cavities |