DMC1444R-LT WIRING SYSTEM SERVICE KIT
For the F-16

DMC1444R-LT*
for the F-16

THE MAINTENANCE PROBLEM...

Modern aircraft, such as the 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 revenue loss due to AOG. The DMC1444R-LT* 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 list of connectors for the F-16 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 DMC1444R-LT* 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 an environmentally sealed fiberglass case and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Tool Selection Charts.

Actual Kit may vary from example shown.

DMC1444R-LT*

DMC DANIELS MANUFACTURING CORPORATION ®

*Tyco/TE Connectivity Tools are required for service, but not supplied under this kit part number. Space is provided in tool case for tools.

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DMC1444R-LT* TOOL AND ACCESSORY LIST

	Qty	Item
	7	Crimp Tools* (90346-1 & 91504-1 NOT SUPPLIED)
	8	Turret Heads
	16	Positioners
	1	Single Position Heads
	14	Die Sets
	12	Metal Insertion Tools
	17	Metal Removal Tools* (91156-2 NOT SUPPLIED)
	145	Plastic Ins/Rem Tools
	2	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	3	Wire Strippers
	4	Contact gages
	1	In-Service Inspection Gage
	1	Die Removal Tool
	1	Hex Wrench
	1	Heat Gun & Accessories
	1	Relay Extraction Tool
	1	Termination Fixture
	10	Wafer Removal Tools
	1	Torque Wrench
	1	1/4" Ratchet
	1	Shallow Socket
	1	Phillips Bit

TOOL KIT CONFIGURATION

Type of Case	Seven-Drawer Tool Cabinet
Number of Cases	1
Color	Red
Type of Construction	Steel
Application	F-16
Coverage	Airframe Power Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Silhouetted Tool Cavities

DMC1444R-LT* CONNECTOR COVERAGE

MANUFACTURER	SERIES
MIL-C-24308	Rack & Panel
MIL-C-26482	Series 1 and 2
MIL-C-38999	Series 1 and 2
MIL-C-39012	RF Coaxial
MIL-C-55302	Printed Circuit Boards
MIL-C-81511	Series 4
MIL-C-81703	Series 2 and 3
MIL-C-83723	Series 1, 2 and 3
MIL-C-83733	Rack & Panel
MIL-C-5015	3100, 3450 Series
MIL-R-6106	Relay Sockets
MIL-T-7928	Insulated Terminals
Airborn	WTBT Series
AMP	Champ, W Series
Amphenol	57, 97 Series
Amphenol RF	RF Coaxial
Automatic Connector	RF Coaxial
Berg/Dupont	Mini-PV Series
Bendix	PT, SJT Series
Burndy	Trim-Trid, Hyfen Bantam, PCDD, Smooth Bantam Series
Cablewave Systems	RF Coaxial
Deutsch	38174, 94603, CTJ, RTK Series
Elco	8223 Series
Garry Mfg.	102 Series
General Dynamics	RF Coaxial
Hypertronics	KA Series
ITT Cannon	DL, D*MA, D*M, 2D, RK Series
Kings Electronics	RF Coaxial
Microdot	Printed Circuit Boards
Micro Mode	RF Coaxial
Omni-Spectra	RF Coaxial
Raychem	MTCB, D-436 Series
Sealectro	RF Coaxial
Smith, Inc.	HDP Series
TRW Cinch	Printed Circuit Boards
Teradyne	I/O Series
Thomas & Betts	Insulated Terminals
Trompeter	RF Coaxial, Twinax/Triax
Viking	Thorkom, JN Series
Virginia Panel	Patchboards
Winchester	HDB, SREC Series

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