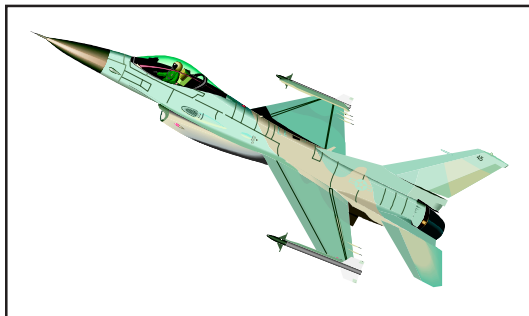


MAINTENANCE KITS

FOR ELECTRICAL CONNECTORS
AND WIRING SYSTEMS



DMC314MOD1 for the F-16

THE MAINTENANCE PROBLEM...

Modern aircraft, such as the F16, 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 F16.

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 DMC314MOD1 kit supplies your staff with both the information and the tools necessary to make this type of repair to the F16 in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the wiring manual of the F16 and has identified the most common tools required to maintain the electrical connectors in the F16. 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 DMC314MOD1 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the F16. In addition, the DMC314MOD1 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 F16 to service. Tool kit supplied in a durable tool cabinet and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Tool-to-Connector Cross Reference Charts.



5180-01-170-9605

DMC314MOD1

DMC DANIELS
MANUFACTURING
CORPORATION

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

PHONE (407) 855-6161 • FAX (407) 855-6884 • WWW.DMCTOOLS.COM • E-MAIL: DMC@DMCTOOLS.COM

MAINTENANCE KIT FOR THE F16



DMC314MOD1 TOOL AND ACCESSORY LIST

	10 CRIMP TOOLS
	6 TURRET HEADS
	16 POSITIONERS
	2 SINGLE POSITION HEADS
	11 METAL INSERTION TOOLS
	22 METAL REMOVAL TOOLS
	97 PLASTIC INS/REM TOOLS
	6 INSTALLING TWEEZERS
	7 REMOVAL TWEEZERS
	4 CONTACT GAGES
	4 UNWIRED CONTACT REMOVAL TOOLS
	9 PROBES
	1 WIRE CUTTER
	3 WIRE STRIPPERS
	1 IN-SERVICE INSPECTION GAGE
	1 DIE REMOVAL TOOL
	13 DIE SETS
	1 HEX WRENCH
	2 MODULE REMOVAL TOOLS
	1 COPPER FOILBACK TAPE
	1 SOCKET MODULE REMOVAL TOOL
	4 WIRE STRIPPERS/CUTTERS
	1 HEAT GUN AND ACCESSORIES
	1 DESOLDERING TOOL
	1 SOLDERING IRON AND ACCESSORIES
	1 RELAY EXTRACTION TOOL
	3 WRAP AND UNWRAP TOOLS
	1 HOLDING FIXTURE
	1 TERMINATION FIXTURE

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.

DMC314MOD1 CONNECTOR COVERAGE

MANUFACTURER	SERIES
MIL-C-23329	RF COAXIAL
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-55235	TPS SERIES
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
SEAELECTRO	RF COAXIAL
SMITH, INC.	HDP SERIES
TRW CINCH	PRINTED CIRCUIT BOARDS
TERADYNE	I/O SERIES
THOMAS & BETTS	INSULATED TERMINALS
TROMETER	RF COAXIAL, TWINAX/TRIAX
VIKING	THORKOM, JN SERIES
VIRGINIA PANEL	PATCHBOARDS
WINCHESTER	HDB, SREC SERIES

TOOL KIT CONFIGURATION

TYPE OF CASE	TOOL CABINET
NUMBER OF CASES	1
COLOR	RED
TYPE OF CONSTRUCTION	STEEL
APPLICATION	F16
COVERAGE	AIRFRAME CONNECTORS, TERMINALS SIZE 12AWG AND SMALLER, AND COAXIAL CONNECTORS
TYPE OF INSERTS	UNICELLULAR POLYETHYLENE FOAM WITH DIE-CUT TOOL CAVITIES

DANIELS MANUFACTURING CORP., 526 THORPE ROAD, ORLANDO, FL 32824, USA
 PHONE (407) 855-6161 • FAX (407) 855-6884 • WWW.DMCTOOLS.COM • E-MAIL: DMC@DMCTOOLS.COM