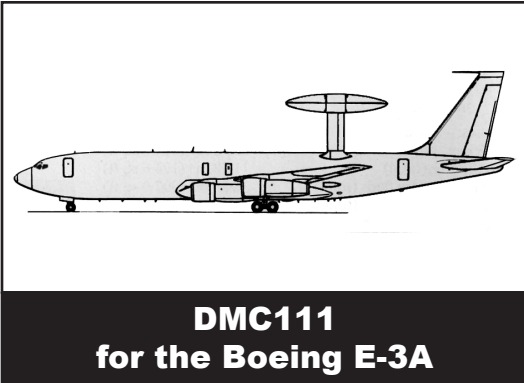


DMC111 MAINTENANCE KIT

For Electrical Connectors and Wiring Systems



THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Boeing E-3A, 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 Boeing E-3A.

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 DMC111 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Boeing E-3A in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the list of connectors for the Boeing E-3A and has identified the most common tools required to maintain the electrical connectors in the Boeing E-3A. 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 DMC111 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the Boeing E-3A. In addition, the DMC111 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 Boeing E-3A to service.



Actual Kit may vary from example shown.

DMC111

DMC DANIELS
MANUFACTURING
CORPORATION

Tool kit supplied in 1 environmentally sealed fiberglass 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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DMC111 Boeing E-3A MAINTENANCE KIT For Electrical Connectors and Wiring Systems

DMC111 TOOL AND ACCESSORY LIST		
	3	Crimp Tools
	3	Turret Heads
	10	Positioners
	9	Metal Insertion Tools
	11	Metal Removal Tools
	30	Plastic Ins/Rem Tools
	4	Contact gages
	3	Metal Ins/Rem Tools
	8	Probes
	1	Wire Cutter
	2	Wire Strippers
	1	In-Service Inspection Gage
	1	Die Removal Tool
	1	Die Sets
	1	Hex Wrench
	1	Coaxial Cable Stripper

DMC111 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
MIL-C-24308	D-SUB
MIL-C-28748	Rack and Panel
MIL-C-38999	Series 1 & 2
MIL-C-55302	Printed Wiring Boards
MIL-C-83723	Series 2 & 3
Airborn	WTKA Series
ITT Cannon	D*MAM, D*M, DPM, DPK Series
Sealectro	RF Coaxial
Winchester	MRAC, SREC Series

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	Portable
Number of Cases	1
Color	Yellow
Type of Construction	Fiberglass/Aluminum
Application	Boeing E-3A
Coverage	Airframe Power Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities

DATA PACKAGE

TOOL/ACCESSORY INSTRUCTION SHEET

M22520/1-01 CRIMP TOOL (DANIELS AF8)

INSTRUCTIONS FOR QUANTIFYING TOOLING FROM ASSEMBLIES

1. IDENTIFY THE TOOLING FROM THE ASSEMBLY DRAWING.
2. IDENTIFY THE TOOLING FROM THE ASSEMBLY DRAWING.
3. IDENTIFY THE TOOLING FROM THE ASSEMBLY DRAWING.
4. IDENTIFY THE TOOLING FROM THE ASSEMBLY DRAWING.
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19. IDENTIFY THE TOOLING FROM THE ASSEMBLY DRAWING.

M22520/2-01 CRIMP TOOL (DANIELS AF8)

POSITIONER, SELECTOR KNOB, SHEETPLATE

CONTENTS CHART

COMPARTMENT A

CONTENTS CHART

ITEM	DESCRIPTION
7	7-1/2" (190mm) WIRE STRIPPER
8	8-1/2" (215mm) WIRE STRIPPER
9	9-1/2" (240mm) WIRE STRIPPER
10	10-1/2" (265mm) WIRE STRIPPER
11	11-1/2" (290mm) WIRE STRIPPER
12	12-1/2" (315mm) WIRE STRIPPER
13	13-1/2" (340mm) WIRE STRIPPER
14	14-1/2" (365mm) WIRE STRIPPER
15	15-1/2" (390mm) WIRE STRIPPER
16	16-1/2" (415mm) WIRE STRIPPER
17	17-1/2" (440mm) WIRE STRIPPER
18	18-1/2" (465mm) WIRE STRIPPER
19	19-1/2" (490mm) WIRE STRIPPER

SELECTION CHART

CONNECTOR	TOOL	DESCRIPTION
MIL-C-24308	M22520/1-01	CRIMP TOOL (DANIELS AF8)
MIL-C-28748	M22520/2-01	CRIMP TOOL (DANIELS AF8)
MIL-C-38999	M22520/1-01	CRIMP TOOL (DANIELS AF8)
MIL-C-55302	M22520/1-01	CRIMP TOOL (DANIELS AF8)
MIL-C-83723	M22520/1-01	CRIMP TOOL (DANIELS AF8)
Airborn	M22520/1-01	CRIMP TOOL (DANIELS AF8)
ITT Cannon	M22520/1-01	CRIMP TOOL (DANIELS AF8)
Sealectro	M22520/1-01	CRIMP TOOL (DANIELS AF8)
Winchester	M22520/1-01	CRIMP TOOL (DANIELS AF8)