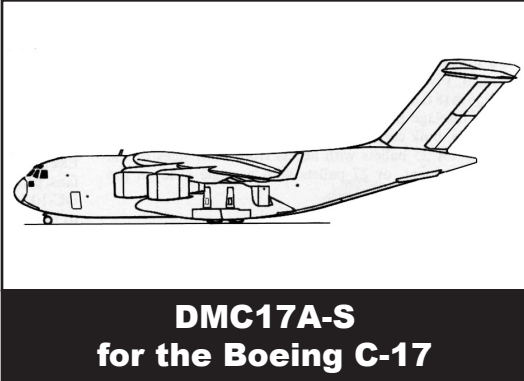


DMC17A-S MAINTENANCE KIT

For Electrical Connectors and Wiring Systems



THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Boeing C-17, 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 C-17.

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 DMC17A-S kit supplies your staff with both the information and the tools necessary to make this type of repair to the Boeing C-17 in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the list of connectors for the Boeing C-17 and has identified the most common tools required to maintain the electrical connectors in the Boeing C-17. 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 DMC17A-S kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the Boeing C-17. In addition, the DMC17A-S 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 C-17 to service.



Actual Kit may vary from example shown.




Tool kit supplied in 2 environmentally sealed fiberglass cases and includes:
Name Plate, Foam Pads/Inserts,
Contents Charts, Instruction Charts,
and Tool Selection Charts.

DMC17A-S

DMC DANIELS
MANUFACTURING
CORPORATION

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DMC17A-S Boeing C-17 MAINTENANCE KIT For Electrical Connectors and Wiring Systems

DMC17A-S TOOL AND ACCESSORY LIST		
	11	Crimp Tools
	5	Turret Heads
	1	Universal Head
	14	Positioners
	1	Universal Positioner
	2	Single Position Heads
	9	Metal Insertion Tools
	10	Metal Removal Tools
	1	Metal Ins/Rem Tool
	87	Plastic Ins/Rem Tools
	4	Contact gages
	4	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	1	Wire Stripper
	1	In-Service Inspection Gage
	1	Die Removal Tool
	22	Die Sets
	1	Hex Wrench
	4	Coaxial Cable Stripper
	1	Heat Gun

DMC17A-S CONNECTOR COVERAGE	
MANUFACTURER	SERIES
Fenwal/Kidde	5D0172-Type Fire Detection Connectors
Kings Electronics	RF Coaxial
Walter Kidde	Fire Detection Connectors
Wire-Pro	94 Series
Douglas Standards	5D0010, 5D0022, 5D0057, 5D0077, 5D0079, 5D0084, 5D0085, 5D0086, 5D0102, 5D0106, 5D0107, 5D0138, 5D0165, 5D0172, 5D0196, 5D0199
MIR-R-12883	Relays
MIL-C-24308	D-Subminiature
MIL-C-26482	Series 1 and 2
MIL-C-26500	Firewall Connectors
MIL-C-38999	Series 1, 2, and 3
MIL-C-5015	Series 3400 and 3450
MIL-C-83723	Series 3
MIL-S-81824	Environmental Splices
MS20659	Uninsulated Terminals
MS25036	Insulated Terminals

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	2
Color	Yellow
Type of Construction	Fiberglass & Aluminum
Application	Boeing C-17
Coverage	Airframe Power Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities