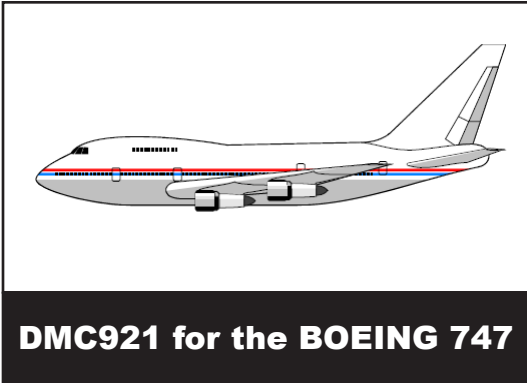


# DMC921 WIRING SYSTEM SERVICE KIT

## For the BOEING 747



### THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Boeing 747 Series, 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 747 Series.

**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 DMC921 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Boeing 747 Series in the shortest time possible.

### THE DMC SOLUTION...

**TOOLING RESEARCH.** DMC has already researched the list of connectors for the Boeing 747 Series and has identified the most common tools required to maintain the electrical connectors in the Boeing 747 Series. 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 DMC921 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the Boeing 747 Series. In addition, the DMC921 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 747 Series plane to service.



Actual Kit may vary from example shown.

**DMC921**




















**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  
PHONE (407) 855-6161 • FAX (407) 855-6884 • [www.DMCTools.com](http://www.DMCTools.com) • E-MAIL: [DMC@DMCTools.com](mailto:DMC@DMCTools.com)

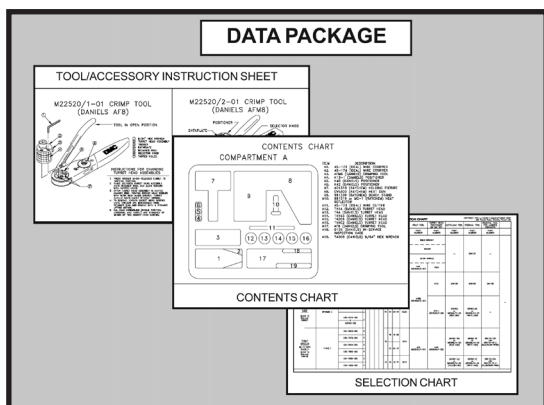
# DMC921 WIRING SYSTEM SERVICE KIT

## For the BOEING 747

DMC921 TOOL AND ACCESSORY LIST		
	4	Crimp Tools
	5	Turret Heads
	9	Positioners
	2	Single Position Heads
	15	Die Sets
	14	Metal Insertion Tools
	12	Metal Removal Tools
	3	Metal Ins/Rem Tools
	1	Metal Removal Tool w/ Probes
	107	Plastic/Metal Ins/Rem Tools
	4	Contact gages
	2	Unwired Contact Removal Tools
	10	Probes
	1	Wire Cutter
	4	Wire Strippers
	1	In-Service Inspection Gage
	1	Die Removal Tool
	1	Hex Wrench
	6	Trim Jigs
	1	Wire Wrap Tool w/ Bits & Sleeves
	1	Unwrapping Tool
	1	Hand Wrapping/Unwrapping Tool
	1	Wire Wrap Stripper

DMC921 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
MIL-C-24308	Miniature Rack & Panel
MIL-C-26482	Series 1 & 2
MIL-C-38999	Series 2 & 3
Airforce-Navy	AN Aeronautical Standard
AMP	AM1 Rack & Panel and Wire Wrap Connector
Amphenol	17 Series Min-Rac Connectors, 48 Series-Wire Splices
Arizona Integrated	ARINC 600 Type Receptacles & Plugs. Wire Wrap Connectors
Bendix	Relays, PT*SE Circular Connectors
Boeing	BACC66 Arinc 600 Type Connectors, BACC45 Circular, BACC63.
Burndy	MB12
Fenwall	Fire Detection Connectors
Hughes	1167062-1 Circular Connectors
ITT Cannon	D*MA, DPX*MB, DPA, DPD, DPX, DPX2, FRF
ITT Gremar	Twinax Miniature Connectors
Kings	RF Coaxial Series N, BNC, TNC, C, and Panel Jacks
Leach Relays	Electrical Socket Relay, Magnetic Latch Relay and Series K

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/Environmental
Number of Cases	1
Color	Yellow
Type of Construction	Fiberglass/Aluminum
Application	Boeing 747 Series
Coverage	Airframe Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities