

DMC947* WIRING SYSTEM SERVICE KIT

For the ROCKWELL B-1B LANCER



THE MAINTENANCE PROBLEM...

Modern aircraft, such as the B-1B, 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 B-1B.

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 DMC947 kit supplies your staff with both the information and the tools necessary to make this type of repair to the B-1B in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the list of connectors for the B-1B 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 DMC947 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 cases and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Tool Selection Charts.

*This version of the B-1B Tool Kit does not contain Tools for the coax connectors or insulated or non-insulated splices.



Actual Kit may vary from example shown.

DMC947












DMC DANIELS
MANUFACTURING
CORPORATION

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DMC947 WIRING SYSTEM SERVICE KIT

For the ROCKWELL B-1B LANCER

DMC947 TOOL AND ACCESSORY LIST

	3	Crimp Tools
	18	Positioners
	5	Turret Heads
	1	Single Position Head
	2	In-Service Inspection Gages
	25	Plastic Insertion/Rem Tools
	4	Contact gages
	2	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	2	Wire Strippers
	1	9/64" Hex Wrench
	1	2-Step Banding Tool
	1	Rollover Tool
	10	Spare Bands

DMC947 CONNECTOR COVERAGE

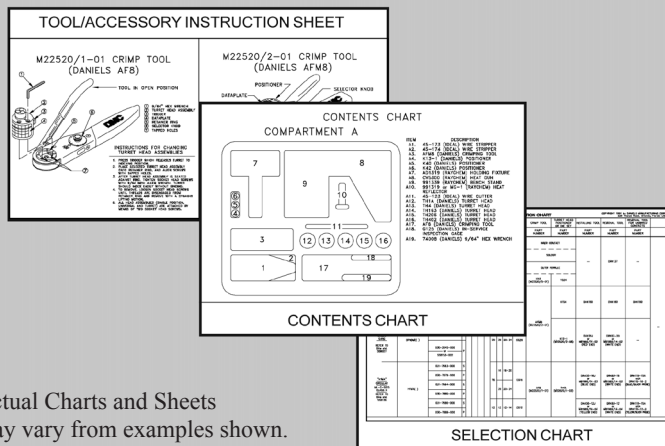
MANUFACTURER	SERIES
Airborn	WTDX
AMP (TE)	Multimate, RM
Amphenol	217
Continental	MMM
Deutsch (TE)	CTJ, DJ, D817, TJ
G & H	BL, 1017, 817, 880
ITT Cannon	D*D, DPJM, DPK*
Leach Relays	Socket Modules
TRW	CN
MIL-DTL-24308	D-Sub
MIL-DTL-26482	2
MIL-DTL-26518	Rack & Panel
MIL-DTL-28748	Miniature Rack & Panel
MIL-DTL-38999	1, 2, 3
MIL-C-5015	3450
MIL-DTL-55302	PCB
MIL-DTL-81659	ARINC 404
MIL-DTL-83723	3
MIL-S-12883	Relay Sockets
MIL-S-81824	Environmental Splices

TOOL KIT CONFIGURATION

Type of Case	Portable/Environmental
Number of Cases	1
Color	Yellow
Type of Construction	Fiberglass/Aluminum
Application	B-1B
Coverage	Airframe Connectors
	Contacts size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities

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.

DATA PACKAGE



The data package includes:

- TOOL/ACCESSORY INSTRUCTION SHEET**: Contains detailed diagrams and instructions for tools like the M22520/1-01 Crimp Tool and W22520/2-01 Crimp Tool.
- CONTENTS CHART**: A diagram showing the layout of tools within the kit compartments (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z).
- SELECTION CHART**: A table used to identify the correct tool for a specific connector or contact type.

Actual Charts and Sheets may vary from examples shown.