

DMC1147 WIRING SYSTEM SERVICE KIT

For the LEARJET 31A



THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Learjet 31A, 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 Learjet 31A.

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 DMC1147 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Learjet 31A in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the list of connectors for the Learjet 31A and has identified the most common tools required to maintain the electrical connectors in the Learjet 31A. 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 DMC1147 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.













DMC1112

DMC DANIELS
MANUFACTURING
CORPORATION

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DMC1147 WIRING SYSTEM SERVICE KIT

For the LEARJET 31A

DMC1147 TOOL AND ACCESSORY LIST		
	7	Crimp Tools
	11	Positioners
	10	Turret Heads
	2	Single Position Heads
	9	Die Sets
	18	Metal Insertion Tools
	24	Metal Removal Tools
	85	Plastic Insertion/Rem Tools
	4	Contact gages
	2	Unwired Contact Removal Tools w/ Probes
	1	Die Removal Tool
	1	9/64" Hex Wrench
	1	In-Service Inspection Gage
	1	Wire Cutter
	2	Wire Strippers
	1	Illuminated Magnifier

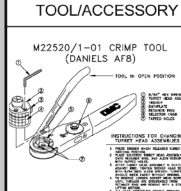
DMC1147 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
AMP	PIDG, Termashield, M, CPC, Universal Mate-N-Lok, HD-20 Series, RF Coaxial
Amphenol	220, 221, 222, 48 Series
Bendix	JT, LJT, PT-SE, PC-SE, SC Series
Deutsch	460, DBA, RSM, DL, DM, DS, AFD, ATD Series, CTJ Terminal Junctions
Edison	Fire Detection Connectors
ITT Cannon	D*U, DPX, DPXBNE, CA-F80, DPDMA, DPAMA, KPSE, KPTM, KJ, SK Series
Learjet	S-800, 548, 318 Series
Molex	Rectangular Housings
Positronics	GMCT, Densi-D, Rhapsody-D Series
Pyle-National	ELB Series
Raychem	MTC Series
Ted Mfg.	Fuel Probe Connectors
MIL-C-24308	Rectangular D-Subminiature
MIL-C-26482	Series 1 and 2
MIL-C-26500	Firewall Connectors
MIL-C-38999	Series 1 and 2
MIL-C-83723	Series 3
MIL-S-81824	Environmental Splices
MIL-T-7928	Insulated Terminals/Splices

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	Learjet 31A
Coverage	Airframe Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities

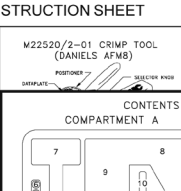
DATA PACKAGE

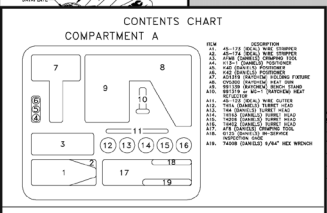
TOOL/ACCESSORY INSTRUCTION SHEET



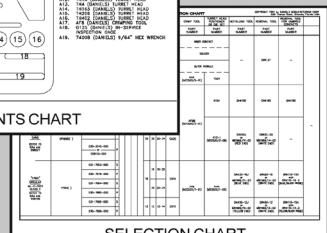
M22520/1-01 CRIMP TOOL (DANIELS AFB)

M22520/2-01 CRIMP TOOL (DANIELS AFWS)





CONTENTS CHART



SELECTION CHART

Actual Charts and Sheets may vary from examples shown.