

# DMC1293 WIRING SYSTEM SERVICE KIT

## For the LEARJET 45



### THE MAINTENANCE PROBLEM...

Modern aircraft, such as the LEARJET 45, 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 45.

**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 DMC1293 kit supplies your staff with both the information and the tools necessary to make this type of repair to the LEARJET 45 in the shortest time possible.

### THE DMC SOLUTION...

**TOOLING RESEARCH.** DMC has already researched the list of connectors for the LEARJET 45 and has identified the most common tools required to maintain the electrical connectors in the LEARJET 45. 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 DMC1293 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 2 environmentally sealed fiberglass cases and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Tool Selection Charts.
















**DMC1293**

**DMC** DANIELS  
MANUFACTURING  
CORPORATION

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## For the LEARJET 45

DMC1293 TOOL AND ACCESSORY LIST		
	9	Crimp Tools
	5	Turret Heads
	11	Positioners
	1	Single Position Heads
	1	Universal Turret Head
	1	Universal Positioner
	8	Die Sets
	11	Metal Insertion Tools
	11	Metal Removal Tools
	1	Metal Ins/Rem Tools
	58	Plastic Ins/Rem Tools
	4	Contact gages
	2	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	2	Wire Strippers
	2	In-Service Inspection Gage
	1	Die Removal Tool
	1	Hex Wrench
	1	Wire Harness Spoon
	4	Coaxial Cable Stripper

DMC1293 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
AMP	Termashield, M, CPC Series, In-Line Splices
Channel/Air LB	Terminal Junctions
Edison	Fire Detection Connectors
Deutsch	724 Series
Kings Electronics	RF Coaxial
Positronics	SD Series
Raychem	Environmental Splices
Souriau	8525 Series
MIL-C-26482	Series 1 & 2
MIL-C-38999	Series 1, 2 & 3
MIL-C-5015	3450 Series
MIL-T-81714	Terminal Junctions
MIL-T-7928	Insulated/Uninsulated Terminals/ Splices

NOTICE: Unless otherwise stated by DMC; 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. Verification Is Required.

TOOL KIT CONFIGURATION	
Type of Case	Portable
Number of Cases	2
Color	Yellow
Type of Construction	Fiberglass/Aluminum
Application	LEARJET 45
Coverage	Airframe Power Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Silhouetted Tool Cavities