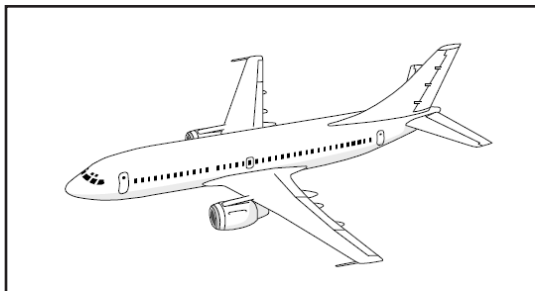


# DMC185-2MOD1 WIRING SYSTEM SERVICE KIT

## For the BOEING 707, 727, 737-200

### THE MAINTENANCE PROBLEM...



**DMC185-2MOD1 for the BOEING 707,  
727, 737-200**

Modern aircraft, such as the Boeing 707, 727, 737-200, 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 707, 727, 737-200.

**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 DMC185-2MOD1 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Boeing 707, 727, 737-200 in the shortest time possible.

### THE DMC SOLUTION...

**TOOLING RESEARCH.** DMC has already researched the list of connectors for the Boeing 707, 727, 737-200 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 DMC185-2MOD1 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 case and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Tool Selection Charts.



**DMC185-2MOD1**


















**DMC** DANIELS  
MANUFACTURING  
CORPORATION<sup>®</sup>

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# DMC185-2MOD1 WIRING SYSTEM SERVICE KIT

## For the BOEING 707, 727, 737-200

### DMC185-2MOD1 TOOL AND ACCESSORY LIST

	3	Crimp Tools
	7	Positioners
	5	Turret Heads
	12	Die Sets
	1	Universal Turret Head
	1	In-Service Inspection Gage
	16	Metal Insertion Tools
	21	Metal Removal Tools
	42	Plastic/Metal Ins/Rem Tools
	4	Contact gages
	2	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	4	Wire Strippers
	1	Die Removal Tool
	1	Hex Wrench
	2	Module Removal Tools
	2	Metal Ins/Rem Tool

TOOL KIT CONFIGURATION	
Type of Case	Portable
Number of Cases	1
Color	Yellow
Type of Construction	Fiberglass/Aluminum
Application	Boeing 707, 727, 737-200
Coverage	Airframe Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities

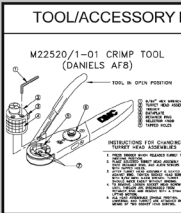
### DMC185-2MOD1 CONNECTOR COVERAGE

MANUFACTURER	SERIES
MIL-C-26482	Series 1
MIL-C-26500	Firewall Connectors
MIL-C-38999	Series 2
MIL-C-5015	3100 Series
MIL-S-81824	Environmental Splices
MIL-T-7928	Insulated Terminals/Splices
AMP	Incert Series
Amphenol	48, 67, 69, 84, 93 Series, RF Coaxial
Bendix	PC-CE, PT-SE Series
Boeing	BACC63, BACC64, BACC66 Series
Burndy	CT, L Series
ITT Cannon	CA-KR, D*MA, DPAMA, DPDMA, DPDMB, DPX, DPXMA, FRF, KM, KPSE Series
Deutsch	DS Series
Flight	FC Series
Kings Electronics	RF Coaxial
Pyle National	FPL, ZZL Series
TRW Cinch	48, C48, MMB Series
Walter Kidde	Fire Detection Connectors
Winchester	JAC, MRAC Series

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.

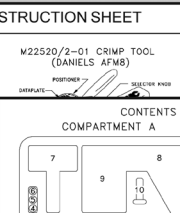
### DATA PACKAGE

TOOL/ACCESSORY INSTRUCTION SHEET



M22520/1-01 CRIMP TOOL (DANIELS AFB)

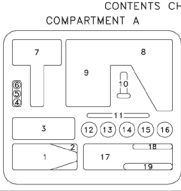
M22520/2-01 CRIMP TOOL (DANIELS AFB)



M22520/2-01 CRIMP TOOL (DANIELS AFB)

CONTENTS CHART

COMPARTMENT A



CONTENTS CHART

SELECTION CHART

CONNECTOR	TOOL	ACCESSORY	REMARKS
MIL-C-26482	M22520/1-01		
MIL-C-26500	M22520/1-01		
MIL-C-38999	M22520/1-01		
MIL-C-5015	M22520/1-01		
MIL-S-81824	M22520/1-01		
MIL-T-7928	M22520/1-01		
AMP	M22520/1-01		
Amphenol	M22520/1-01		
Bendix	M22520/1-01		
Boeing	M22520/1-01		
Burndy	M22520/1-01		
ITT Cannon	M22520/1-01		
Deutsch	M22520/1-01		
Flight	M22520/1-01		
Kings Electronics	M22520/1-01		
Pyle National	M22520/1-01		
TRW Cinch	M22520/1-01		
Walter Kidde	M22520/1-01		
Winchester	M22520/1-01		

Actual Charts and Sheets may vary from examples shown.