

DMC80 WIRING SYSTEM SERVICE KIT

For the McDONNELL DOUGLAS MD-80



THE MAINTENANCE PROBLEM...

Modern aircraft, such as the McDonnell Douglas MD-80 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 McDonnell Douglas MD-80 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 DMC80 kit supplies your staff with both the information and the tools necessary to make this type of repair to the McDonnell Douglas MD-80 series in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the list of connectors for the McDonnell Douglas MD-80 series 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 DMC80 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.



















DMC80

DMC DANIELS
MANUFACTURING
CORPORATION

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DMC80 WIRING SYSTEM SERVICE KIT

For the McDONNELL DOUGLAS MD-80

DMC80 TOOL AND ACCESSORY LIST		
	9	Crimp Tools
	9	Positioners
	2	Static Positioners
	6	Turret Heads
	2	Single Position Heads
	21	Die Sets
	1	In-Service Inspection Gage
	13	Metal Insertion Tools
	15	Metal Removal Tools
	1	Metal Insertion/Removal Tool
	52	Plastic/Metal Ins/Rem Tools
	4	Contact gages
	2	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	2	Wire Strippers
	3	Coaxial Cable Strippers
	1	Die Removal Tool
	1	Adaptor Kit

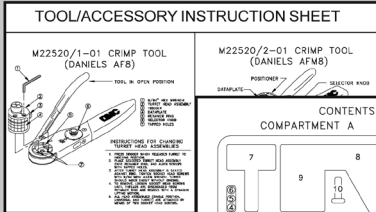
TOOL KIT CONFIGURATION	
Type of Case	Portable/Environmental
Number of Cases	2
Color	Yellow
Type of Construction	Fiberglass/Aluminum
Application	McDonnell Douglas MD-80 Series
Coverage	Airframe Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities

DMC80 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
AMP	"Coaxicon", RF Coaxial
Amphenol	"48" Series
Bendix	33331 Coax, "71" Series
Burndy	"DCO", "DC2", "MB13", "MT" Terminals Power Dist. Busses, Splices, Blocks
Clover	"CL" Series
Deutsch	"DS" Series
Edison	Fire Detection Connectors
Fenwal	Fire Detection Connectors
Transtechology	"FC", "FH", "FZ"
Gull	RF Coaxial, Fuel Probe Connector
ITT Cannon	"CAV", "FFR", "FRA", "FRF", "FVF", "D*C", "D*MA", "DPAMA", "DPEMA", "DPD", "DPDMA", "DPSRC", "DPX", "DPXMA", "DPX*ME"
ITT Gremar	"MB", "SM" Series
Matrix Science	Remote Control Circuit Breaker
McDonnell Douglas STD.	BAN 7205
Walter Kidde	Fire Detection Connectors

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.

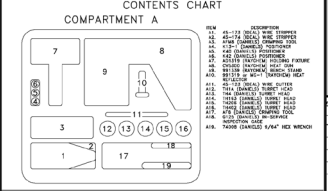
DATA PACKAGE

TOOL/ACCESSORY INSTRUCTION SHEET



CONTENTS CHART

COMPARTMENT A



CONTENTS CHART

SELECTION CHART

CONNECTOR	TOOL	POSITIONER	INS/REM	CONTACT	WIRE	STRIPPER	WIRE CUTTER	ADAPTOR KIT
AMP	9	9	52	4	2	2	1	1
Amphenol	9	9	52	4	2	2	1	1
Bendix	9	9	52	4	2	2	1	1
Burndy	9	9	52	4	2	2	1	1
Clover	9	9	52	4	2	2	1	1
Deutsch	9	9	52	4	2	2	1	1
Edison	9	9	52	4	2	2	1	1
Fenwal	9	9	52	4	2	2	1	1
Transtechology	9	9	52	4	2	2	1	1
Gull	9	9	52	4	2	2	1	1
ITT Cannon	9	9	52	4	2	2	1	1
ITT Gremar	9	9	52	4	2	2	1	1
Matrix Science	9	9	52	4	2	2	1	1
McDonnell Douglas STD.	9	9	52	4	2	2	1	1
Walter Kidde	9	9	52	4	2	2	1	1

Actual Charts and Sheets may vary from examples shown.