

DMC2145 WIRING SYSTEM SERVICE KIT

For the ARJ21-700



DMC2145 for the ARJ21-700

THE MAINTENANCE PROBLEM...

Modern aircraft, such as the ARJ21-700, 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 ARJ21-700.

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 DMC2145 kit supplies your staff with both the information and the tools necessary to make this type of repair to the ARJ21-700 in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the list of connectors for the ARJ21-700 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 DMC2145 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.



Actual Kit may vary from example shown.





















DMC2145

DMC DANIELS
MANUFACTURING
CORPORATION

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DMC2145 WIRING SYSTEM SERVICE KIT

For the ARJ21-700

DMC2145 TOOL AND ACCESSORY LIST		
	7	Crimp Tools
	9	Positioners
	1	Universal Positioner
	1	Universal Head
	2	Turret Heads
	2	Single Position Heads
	8	Die Sets
	1	In-Service Inspection Gage
	12	Metal Insertion Tools
	14	Metal Removal Tools
	45	Plastic Insertion/Rem Tools
	4	Contact gages
	3	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	2	Wire Strippers
	1	Die Removal Tool
	1	9/64" Hex Wrench
	58	Adaptor Tools
	2	T-Handle Wrenches
	1	Wire Harness Spoon

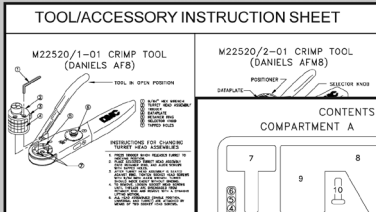
DMC2145 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
AS 50151	3450
MIL-DTL-24308	D-Sub
MIL-DTL-26482	1 & 2
MIL-DTL-26500	Firewall
MIL-PRF-38999	1, 2, & 3
MIL-DTL-83723	3
MIL-T-7928	Insulated/Uninsulated Terminals
Emteq	RF Coax
Glenair	Mighty Mouse
ITT Cannon	DPX, BKAD
Positronics	CBD, DD
Radiall	DSX, NSX
Souriau	853
TE	ARINC 600, D-436

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/Environmental
Number of Cases	2
Color	Yellow
Type of Construction	Fiberglass/Aluminum
Application	ARJ21-700
Coverage	Airframe Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities

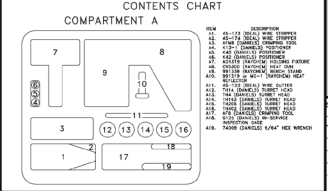
DATA PACKAGE

TOOL/ACCESSORY INSTRUCTION SHEET



CONTENTS CHART

COMPARTMENT A



CONTENTS CHART

Actual Charts and Sheets may vary from examples shown.

SELECTION CHART

TOOL/ACCESSORY	QTY	DESCRIPTION	REMARKS
M22520/1-01 CRIMP TOOL (DANIELS AF8)	7	CRIMP TOOL	
W22520/2-01 CRIMP TOOL (DANIELS AFM8)	9	CRIMP TOOL	
UNIVERSAL POSITIONER	1		
UNIVERSAL HEAD	1		
TURRET HEADS	2		
SINGLE POSITION HEADS	2		
DIE SETS	8		
IN-SERVICE INSPECTION GAGE	1		
METAL INSERTION TOOLS	12		
METAL REMOVAL TOOLS	14		
PLASTIC INSERTION/REM TOOLS	45		
CONTACT GAGES	4		
UNWIRED CONTACT REMOVAL TOOLS W/ PROBES	3		
WIRE CUTTER	1		
WIRE STRIPPERS	2		
DIE REMOVAL TOOL	1		
9/64" HEX WRENCH	1		
ADAPTOR TOOLS	58		
T-HANDLE WRENCHES	2		
WIRE HARNESS SPOON	1		

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