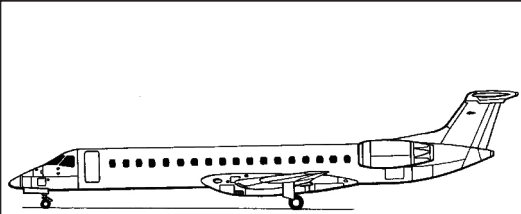


DMC1278 ERJ-145 MAINTENANCE KIT

For Electrical Connectors and Wiring Systems



DMC1278 for the Embraer ERJ-145

THE MAINTENANCE PROBLEM...

Modern aircraft, such as the ERJ-145, 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 ERJ-145.

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 DMC1278 kit supplies your staff with both the information and the tools necessary to make this type of repair to the ERJ-145 in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the list of connectors for the ERJ-145 and has identified the most common tools required to maintain the electrical connectors in the ERJ-145. DMC has cross referenced these tools to the connectors, contacts and terminals, eliminating costly and time-consuming research which would otherwise have to be performed by your electrical technicians.

IMMEDIATE AVAILABILITY OF TOOLS AND TECHNICAL INFORMATION. The DMC1278 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the ERJ-145. In addition, the DMC1278 kit also contains illustrated operating instructions for the required tooling.

ALL IN ONE. Since all of 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 ERJ-145 to service.



Actual Kit may vary from example shown.

DMC1278

DMC DANIELS
MANUFACTURING
CORPORATION


















Tool kit supplied in 1 environmentally sealed fiberglass case and includes:
Name Plate, Foam Pads/Inserts,
Contents Charts, Instruction Charts,
and Tool Selection Charts.

DANIELS MANUFACTURING CORP., 526 THORPE ROAD, ORLANDO, FL 32824, USA
PHONE (407) 855-6161 • FAX (407) 855-6884 • www.DMCTools.com • E-MAIL: DMC@DMCTools.com

DMC1278 ERJ-145 MAINTENANCE KIT

For Electrical Connectors and Wiring Systems

DMC1278 TOOL AND ACCESSORY LIST

	7	Crimp Tools
	2	Turret Heads
	8	Positioners
	2	Single Position Heads
	1	Universal Positioner
	1	Universal Head
	8	Metal Insertion Tools
	9	Metal Removal Tools
	70	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
	3	Die Sets
	1	Hex Wrench

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.

DMC1278 CONNECTOR COVERAGE

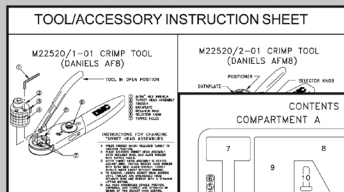
MANUFACTURER	SERIES
AMP	Mate-N-Lock Series
Amphenol/Bendix	JT Series
Burndy	MB Series
ITT Cannon	BKAD, DPXB, DPX2MA, DPX2NE
Radiall	DSX
MIL-C-24308	Rectangular Rack and Panel
MIL-C-26482	Series 2, Circular
MIL-C-38999	Series 1, 2, 3, Circular
MIL-C-5015	Series 3450, Circular
MIL-C-81659	Series 2, Rectangular
MIL-C-83723	Series 3, Circular
MIL-C-81824	Environmental Splices
MIL-T-7928	Insulated & Uninsulated Terminals

TOOL KIT CONFIGURATION

Type of Case	Portable
Number of Cases	1
Color	Yellow
Type of Construction	Aluminum
Application	ERJ-145
Coverage	Airframe Power Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities

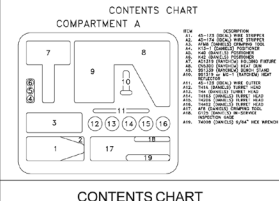
DATA PACKAGE

TOOL/ACCESSORY INSTRUCTION SHEET



CONTENTS CHART

COMPARTMENT A



CONTENTS CHART

SELECTION CHART

