



DMC1171 for the EMBRAER EMB-312

THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Embraer EMB-312, 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 Embraer EMB-312.

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 DMC1171 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Embraer EMB-312 in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the wiring manual of the Embraer EMB-312 and has identified the most common tools required to maintain the electrical connectors in the Embraer EMB-312. 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 DMC1171 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the Embraer EMB-312. In addition, the DMC1171 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 Embraer EMB-312 to service.

Tool kit supplied in



Actual kit may vary from example shown.

an environmentally sealed fiberglass case and includes:
Name Plate, Foam Pads/Inserts,
Contents Charts, Instruction Charts,
and Tool-to-Connector Cross
Reference Charts.

DMC1171

DMC DANIELS
MANUFACTURING
CORPORATION

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MAINTENANCE KIT FOR EMBRAER EMB-312



DMC1171 TOOL AND ACCESSORY LIST

	7	CRIMP TOOLS
	1	UNIVERSAL TURRET HEAD
	2	TURRET HEADS
	6	POSITIONERS
	6	METAL INSERTION TOOLS
	10	METAL REMOVAL TOOLS
	50	PLASTIC INS/REM TOOLS
	4	CONTACT GAGES
	2	UNWIRED CONTACT REMOVAL TOOLS
	5	PROBES
	4	INSERTION TWEEZERS
	3	REMOVAL TWEEZERS
	1	WIRE CUTTER
	2	WIRE STRIPPERS
	1	IN-SERVICE INSPECTION GAGE
	1	INSTALLING PLIERS
	1	UNIVERSAL POSITIONER
	1	HEX WRENCH

DMC1171 CONNECTOR COVERAGE

MANUFACTURER	SERIES
AMP	M, CPC SERIES
BENDIX ECD	PT-CE SERIES
COLLINS	THIN-LINE SERIES
DEUTSCH	DS SERIES
ITT CANNON	DPX SERIES
LEACH	RELAYS
MOLEX	.093 TERMINAL BLOCKS
POSITRONICS	SGMC SERIES
RADIALL	DSXN SERIES
RAYCHEM	THERMOFIT SPLICES
WINCHESTER	MRAC SERIES
MIL-C-26482	SERIES 1 & 2
MIL-C-5015	3450 SERIES
MIL-C-81659	SERIES 2
MIL-S-81824	ENVIRONMENTAL SPLICES
MIL-T-7928	INSULATED TERMINALS/SPLICES

DATA PACKAGE

TOOL/ACCESSORY INSTRUCTION SHEET

M22520/1-01 CRIMP TOOL (DANIELS AF8)

M22520/2-01 CRIMP TOOL (DANIELS AF8B)

CONTENTS CHART COMPARTMENT A

CONTENTS CHART

TOOL SELECTION CHART

TOOL KIT CONFIGURATION

TYPE OF CASE	PORTABLE
NUMBER OF CASES	1
COLOR	GREEN
TYPE OF CONSTRUCTION	FIBERGLASS/ALUMINUM
APPLICATION	EMBRAER EMB-312
COVERAGE	AIRFRAME CONNECTORS, TERMINALS SIZE 12AWG AND SMALLER, AND COAXIAL CONNECTORS
TYPE OF INSERTS	UNICELLULAR POLYETHYLENE FOAM WITH DIE CUT TOOL CAVITIES

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