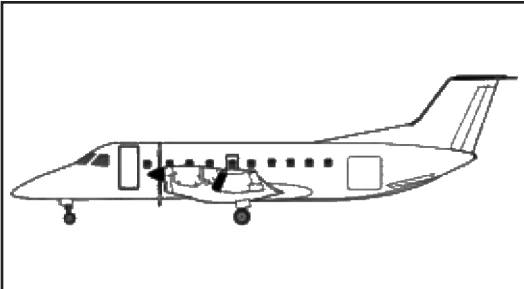


DMC776 EMB-120 BRASILIA MAINTENANCE KIT

For Electrical Connectors and Wiring Systems



DMC776 for the EMB-120 BRASILIA

THE MAINTENANCE PROBLEM...

Modern aircraft, such as the EMB-120 BRASILIA, 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 EMB-120 BRASILIA.

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 DMC776 kit supplies your staff with both the information and the tools necessary to make this type of repair to the EMB-120 BRASILIA in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the list of connectors for the EMB-120 BRASILIA and has identified the most common tools required to maintain the electrical connectors in the EMB-120 BRASILIA. 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 DMC776 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the EMB-120 BRASILIA. In addition, the DMC776 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 EMB-120 BRASILIA to service.



Actual Kit may vary from example shown.

DMC776














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
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DMC776 EMB-120 BRASILIA MAINTENANCE KIT

For Electrical Connectors and Wiring Systems

DMC776 TOOL AND ACCESSORY LIST		
	6	Crimp Tools
	3	Turret Heads
	5	Positioners
	8	Metal Insertion Tools
	10	Metal Removal Tools
	55	Plastic Ins/Rem Tools
	4	Contact gages
	2	Unwired Contact Removal Tools w/ Probes
	1	In-Service Inspection Gage
	1	Die Removal Tool
	1	Die Set
	1	Hex Wrench
	1	Wire Harness Spoon

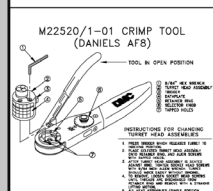
DMC776 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
AMP	Mate-N-Lock, MR Series
Amphenol RF	RF Coaxial
Bendix ECD	PT Series
Collins Radio	Thin-Line, Pro-Line Series
Deutsch	DM Series
ITT Cannon	D*C, DPXMA, DPXB, DPXNE
Leach Relays	J, JL, K Relay Sockets
Matrix Science	MB Series
Molex	Rectangular Series
Souriau	851 Series
MIL-C-24308	Rectangular Rack and Panel
MIL-C-26482	Series 1, 2
MIL-C-38999	Series 1, 2
MIL-C-5015	3450 Series
MIL-C-81659	Series 2
MIL-C-83723	Series 3
MIL-R-6106	Relay Sockets

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
Number of Cases	1
Color	Yellow
Type of Construction	Fiberglass/Aluminum
Application	EMB-120 BRASILIA
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



M22520/1-01 CRIMP TOOL (DANIELS AFB)

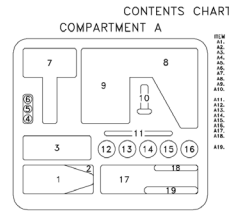
M22520/2-01 CRIMP TOOL (DANIELS AFB)

INSTRUCTIONS FOR CHANGING TURRET HEAD ASSEMBLY:

1. TURN TURRET HEAD ASSEMBLY TO POSITION.
2. REMOVE TURRET HEAD ASSEMBLY FROM TOOL.
3. INSERT NEW TURRET HEAD ASSEMBLY INTO TOOL.
4. TURN TURRET HEAD ASSEMBLY TO POSITION.
5. TIGHTEN TURRET HEAD ASSEMBLY TO POSITION.
6. TIGHTEN TURRET HEAD ASSEMBLY TO POSITION.
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16. TIGHTEN TURRET HEAD ASSEMBLY TO POSITION.
17. TIGHTEN TURRET HEAD ASSEMBLY TO POSITION.
18. TIGHTEN TURRET HEAD ASSEMBLY TO POSITION.
19. TIGHTEN TURRET HEAD ASSEMBLY TO POSITION.

CONTENTS CHART

COMPARTMENT A



CONTENTS CHART

ITEM NO.	DESCRIPTION	QTY.
001	CRIMP TOOL	6
002	TURRET HEAD ASSEMBLY	3
003	POSITIONER	5
004	METAL INSERTION TOOL	8
005	METAL REMOVAL TOOL	10
006	PLASTIC INS/REM TOOL	55
007	CONTACT GAGE	4
008	UNWIRED CONTACT REMOVAL TOOL	2
009	IN-SERVICE INSPECTION GAGE	1
010	DIE REMOVAL TOOL	1
011	DIE SET	1
012	HEX WRENCH	1
013	WIRE HARNESS SPOON	1

SELECTION CHART

ITEM NO.	DESCRIPTION	QTY.	UNIT	REMARKS
001	CRIMP TOOL	6	EA	
002	TURRET HEAD ASSEMBLY	3	EA	
003	POSITIONER	5	EA	
004	METAL INSERTION TOOL	8	EA	
005	METAL REMOVAL TOOL	10	EA	
006	PLASTIC INS/REM TOOL	55	EA	
007	CONTACT GAGE	4	EA	
008	UNWIRED CONTACT REMOVAL TOOL	2	EA	
009	IN-SERVICE INSPECTION GAGE	1	EA	
010	DIE REMOVAL TOOL	1	EA	
011	DIE SET	1	EA	
012	HEX WRENCH	1	EA	
013	WIRE HARNESS SPOON	1	EA	