

# MAINTENANCE KITS

FOR ELECTRICAL CONNECTORS  
AND WIRING SYSTEMS



DMC1319  
for the  
Bombardier BD-700 Global Express

## THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Bombardier BD-700 Global Express, 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 Bombardier BD-700 Global Express.

**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 mission capability loss due to AOG. The DMC1319 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Bombardier BD-700 Global Express in the shortest time possible.

## THE DMC SOLUTION...

**TOOLING RESEARCH.** DMC has already researched the wiring manual of the Bombardier BD-700 Global Express and has identified the most common tools required to maintain the electrical connectors in the Bombardier BD-700 Global Express. 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 DMC1319 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the Bombardier BD-700 Global Express. In addition, the DMC1319 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 Bombardier BD-700 Global Express to service.



Actual Kit may vary from example shown.

Tool kit supplied in 2 environmentally sealed fiberglass cases and includes:  
Name Plate, Foam Pads/Inserts,  
Contents Charts, Instruction Charts,  
and Tool Selection Charts.

**DMC1319**

**DMC** DANIELS  
MANUFACTURING  
CORPORATION

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# MAINTENANCE KIT FOR BOMBARDIER BD-700 GLOBAL EXPRESS



## DMC1319 TOOL AND ACCESSORY LIST

	7	CRIMP TOOLS
	3	TURRET HEADS
	11	POSITIONERS
	5	SINGLE POSITION HEADS
	1	UNIVERSAL TURRET HEAD
	13	METAL INSERTION TOOLS
	16	METAL REMOVAL TOOLS
	76	PLASTIC INS/REM TOOLS
	4	CONTACT GAGES
	2	UNWIRED CONTACT REMOVAL TOOLS
	8	PROBES
	4	COAXIAL CABLE STRIPPERS
	1	WIRE CUTTER
	2	WIRE STRIPPERS
	1	IN-SERVICE INSPECTION GAGE
	1	DIE REMOVAL TOOL
	11	DIE SETS
	1	HEX WRENCH
		300 SEALING PLUGS

## DMC1319 CONNECTOR COVERAGE

MANUFACTURER	SERIES
AMP	MATE-N-LOK, FASTON, AMPLIMITE SERIES
AERO ELECTRIC	AE77 SERIES
CONXALL	MICRO-CON-X SERIES
ECS	RF COAXIAL
FENWAL	FIRE DETECTION CONNECTORS
HIRELCO	85*00/86*00/89*00 SERIES
ITT CANNON	D*MA, KJ/KJA, BKAC/BKAE, KPSE, DPX*MA SERIES
KINGS ELECTRONICS	RF COAXIAL
PIC WIRE & CABLE	RF COAXIAL
POSITRONICS	ODD SERIES
PYLE-NATIONAL	BTK, EN2997, ESC10 SERIES
RADIALL	NSX, DSXN SERIES
ROCKWELL/COLLINS	THIN-LINE SERIES
ROSEMOUNT	00855 SERIES
TROMPETER	TWINAX CONNECTORS
MIL-C-24308	D-SUBMINIATURE
MIL-C-26482	SERIES 1 & 2
MIL-C-26500	FIREWALL CONNECTORS
MIL-C-38999	SERIES 1, 2 & 3
MIL-C-39012	RF COAXIAL
MIL-C-5015	3450 SERIES
MIL-C-81659	ARINC 404
MIL-C-83723	SERIES 3
MIL-S-81824	ENVIRONMENTAL SPLICES
MIL-T-7928	INSULATED/UNINSULATED TERMINALS/SPLICES

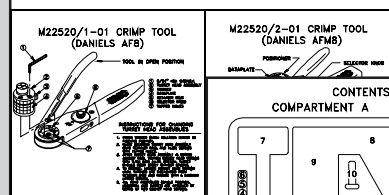
Tools contained in this kit have been selected based upon their suitability to service the related connector or contact indicated. Military Standard tools have been utilized wherever possible. These tools are not necessarily the production tools used to manufacture the aircraft and therefore, these tools 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 KIT CONFIGURATION

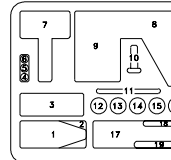
TYPE OF CASE	PORTABLE / ENVIRONMENTAL
NUMBER OF CASES	2
COLOR	YELLOW
TYPE OF CONSTRUCTION	FIBERGLASS/ALUMINUM
APPLICATION	BOMBARDIER BD-700 GLOBAL EXPRESS
COVERAGE	AIRFRAME CONNECTORS, TERMINALS SIZE 12 AWG AND SMALLER, AND COAXIAL CONNECTORS
TYPE OF INSERTS	UNICELLULAR POLYETHELENE FOAM WITH DIE CUT TOOL CAVITIES

### TOOL/ACCESSORY INSTRUCTION SHEET



### CONTENTS CHART

#### COMPARTMENT A



### CONTENTS CHART

ITEM	DESCRIPTION	QTY	UNIT
1	WIRE CUTTER	1	EA
2	WIRE STRIPPERS	2	EA
3	TURRET HEADS	3	EA
4	COAXIAL CABLE STRIPPERS	4	EA
5	SINGLE POSITION HEADS	5	EA
6	UNIVERSAL TURRET HEAD	1	EA
7	CRIMP TOOLS	7	EA
8	PROBES	8	EA
9	UNWIRED CONTACT REMOVAL TOOLS	2	EA
10	POSITIONERS	11	EA
11	DIE SETS	11	EA
12	METAL REMOVAL TOOLS	16	EA
13	METAL INSERTION TOOLS	13	EA
14	CONTACT GAGES	4	EA
15	PLASTIC INS/REM TOOLS	76	EA
16	IN-SERVICE INSPECTION GAGE	1	EA
17	DIE REMOVAL TOOL	1	EA
	HEX WRENCH	1	EA
	SEALING PLUGS	300	EA

### SELECTION CHART

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