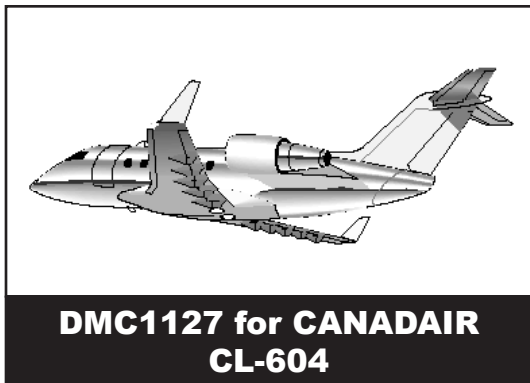


# DMC1127 MAINTENANCE KIT

## For Electrical Connectors and Wiring Systems



### THE MAINTENANCE PROBLEM...

Modern aircraft, such as the CANADAIR CL-604, 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 CANADAIR CL-604.

**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 DMC1127 kit supplies your staff with both the information and the tools necessary to make this type of repair to the CANADAIR CL-604 in the shortest time possible.

### THE DMC SOLUTION...

**TOOLING RESEARCH.** DMC has already researched the list of connectors for the CANADAIR CL-604 and has identified the most common tools required to maintain the electrical connectors in the CANADAIR CL-604. 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 DMC1127 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the CANADAIR CL-604. In addition, the DMC1127 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 CANADAIR CL-604 to service.



**DMC1127**


















**DMC** DANIELS  
MANUFACTURING  
CORPORATION®

Tool kit supplied in an 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](http://www.DMCTools.com) • E-MAIL: [DMC@DMCTools.com](mailto:DMC@DMCTools.com)

# DMC1127 MAINTENANCE KIT

## For Electrical Connectors and Wiring Systems

DMC1127 TOOL AND ACCESSORY LIST		
	8	Crimp Tools
	4	Turret Heads
	13	Positioners
	5	Single Position Heads
	16	Die Sets
	16	Metal Insertion Tools
	18	Metal Removal Tools
	40	Plastic Ins/Rem Tools
	4	Contact gages
	2	Unwired Contact Removal Tools
	8	Probes
	1	Wire Cutter
	4	Wire Strippers
	1	In-Service Inspection Gage
	1	Die Removal Tool
	1	9/64" Hex Wrench
	3	Coaxial Cable Strippers

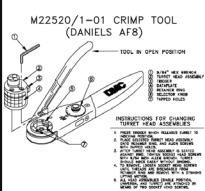
TOOL KIT CONFIGURATION	
Type of Case	Portable with Tray
Number of Cases	1
Color	Yellow with Tray
Type of Construction	Fiberglass/Aluminum
Application	CANADAIR CL-604
Coverage	Airframe Connectors, Terminals size 12 AWG and Smaller, and Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities

DMC1127 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
AMP	ARINC 600 (NIC) Series
Amphenol	48 Series
Bendix	PT-SE Series
Boeing Std.	BACC45 Series
Collins	Thin-Line Series
Fenwal	Fire Detection Connectors
ITT Cannon	ARINC (BKAD), CA, DCMA, DPX*MA, SGA Series
Kings	RF Coaxial
Molex	Power Connectors
Souriau	ARINC600 (S600) Series
Trompeter	RF Coaxial
MIL-C-24308	Rack and Panel
MIL-C-26482	Series 1 & 2
MIL-C-26500	Firewall Connectors
MIL-C-38999	Series 1, 2 and 3
MIL-C-39012	RF Coaxial
MIL-C-5015	3450 Series
MIL-C-81659	Rectangular
MIL-C-83723	Series 3

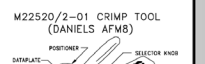
NOTICE: Unless otherwise stated by DMC; tools contained in this kit have been selected based upon their suitability to service the related connector or contact indicated. Military Standard tools have been utilized wherever possible. These tools are not necessarily the production tools used to manufacture 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. Verification Is Required.

### DATA PACKAGE

**TOOL/ACCESSORY INSTRUCTION SHEET**



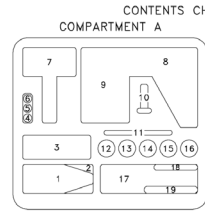
M22520/1-01 CRIMP TOOL (DANIELS AF8)



M22520/2-01 CRIMP TOOL (DANIELS AF8B)

**CONTENTS CHART**

COMPARTMENT A



**CONTENTS CHART**

ITEM	DESCRIPTION
1	ALL-172 (IMP) WIRE STRIPPER
2	ALL-172 (IMP) WIRE STRIPPER
3	ALL-172 (IMP) WIRE STRIPPER
4	ALL-172 (IMP) WIRE STRIPPER
5	ALL-172 (IMP) WIRE STRIPPER
6	ALL-172 (IMP) WIRE STRIPPER
7	ALL-172 (IMP) WIRE STRIPPER
8	ALL-172 (IMP) WIRE STRIPPER
9	ALL-172 (IMP) WIRE STRIPPER
10	ALL-172 (IMP) WIRE STRIPPER
11	ALL-172 (IMP) WIRE STRIPPER
12	ALL-172 (IMP) WIRE STRIPPER
13	ALL-172 (IMP) WIRE STRIPPER
14	ALL-172 (IMP) WIRE STRIPPER
15	ALL-172 (IMP) WIRE STRIPPER
16	ALL-172 (IMP) WIRE STRIPPER
17	ALL-172 (IMP) WIRE STRIPPER
18	ALL-172 (IMP) WIRE STRIPPER
19	ALL-172 (IMP) WIRE STRIPPER

**SELECTION CHART**

CONNECTOR	TOOL	POSITIONER	REMARKS
AMP	1	1	
Amphenol	1	1	
Bendix	1	1	
Boeing Std.	1	1	
Collins	1	1	
Fenwal	1	1	
ITT Cannon	1	1	
Kings	1	1	
Molex	1	1	
Souriau	1	1	
Trompeter	1	1	
MIL-C-24308	1	1	
MIL-C-26482	1	1	
MIL-C-26500	1	1	
MIL-C-38999	1	1	
MIL-C-39012	1	1	
MIL-C-5015	1	1	
MIL-C-81659	1	1	
MIL-C-83723	1	1	