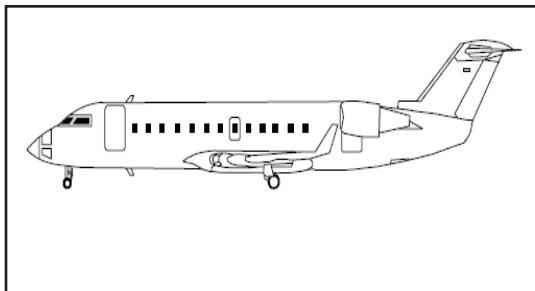


# DMC315A WIRING SYSTEM SERVICE KIT

## For the CANADAIR CL-600 & -601 CHALLENGER

### THE MAINTENANCE PROBLEM...



**DMC315A for the CANADAIR CL-600 & CL-601 CHALLENGER**

Modern aircraft, such as the CANADAIR CHALLENGER, 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 CHALLENGER.

**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 DMC315A kit supplies your staff with both the information and the tools necessary to make this type of repair to the CANADAIR CHALLENGER in the shortest time possible.

### THE DMC SOLUTION...

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

**IMMEDIATE AVAILABILITY OF TOOLS AND TECHNICAL INFORMATION.** The DMC315A kit contains the tooling to connector, contact and terminal cross reference information which indicate the particular tool(s) that should be selected to repair a specific connector, contact, or terminal. In addition, the kit also contains illustrated operating instructions for the required tooling.

**ALL IN ONE.** Since 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 aircraft to service. Tool kit supplied in an environmentally sealed fiberglass case and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Tool Selection Charts.



Actual Kit may vary from example shown.

**DMC315A**












**DMC** DANIELS  
MANUFACTURING  
CORPORATION

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PHONE (407) 855-6161 • FAX (407) 855-6884 • [www.DMCTools.com](http://www.DMCTools.com) • E-MAIL: [DMC@DMCTools.com](mailto:DMC@DMCTools.com)

# DMC315A WIRING SYSTEM SERVICE KIT

## For the CANADAIR CL-600 & -601 CHALLENGER

### DMC315A TOOL AND ACCESSORY LIST

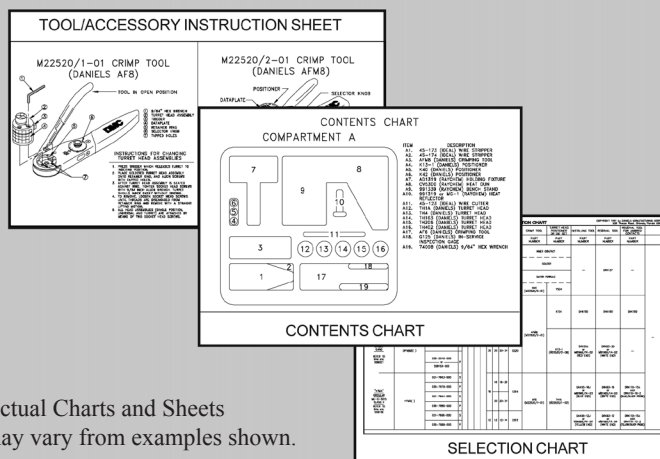
	4	Crimp Tools
	10	Positioners
	3	Turret Heads
	3	Die Sets
	2	Single Position Heads
	1	Universal Turret Head
	1	In-Service Inspection Gage
	13	Metal Insertion Tools
	14	Metal Removal Tools
	78	Plastic Ins/Rem Tools
	4	Contact gages
	2	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	3	Wire Strippers
	1	Die Removal Tool
	1	Hex Wrench
	2	Module Removal Tools
	1	Relay Extraction Tool
	1	Socket Module Tool

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.

### DMC315A CONNECTOR COVERAGE

MANUFACTURER	SERIES
MIL-C-26482	Series 1, 2
MIL-C-38999	Series 1, 2
MIL-C-5015	3450 Series
MIL-C-83723	Series 1
MIL-T-7928	Insulated Terminals/Splices
Bendix	JT, LJT, PT-CE, PTS-DR, PT-SE, 71 Series
Collins Radio	Thin-Line Series
ITT Cannon	CV, DPAMA, DPX*MA, KJ Series
Matrix Science	MB, MR*B Series
Edison	Fire Detection Connectors
Leach Relays	Relay Sockets
Thomas & Betts	GSC Series

### DATA PACKAGE



The data package includes:

- TOOL/ACCESSORY INSTRUCTION SHEET: M22520/1-01 CRIMP TOOL (DANIELS AFB) and M22520/2-01 CRIMP TOOL (DANIELS AFM8).
- CONTENTS CHART: COMPARTMENT A, showing a layout of 19 numbered items.
- SELECTION CHART: A table for selecting tools based on connector type and size.

Actual Charts and Sheets may vary from examples shown.

### TOOL KIT CONFIGURATION

Type of Case	Portable
Number of Cases	1
Color	Yellow
Type of Construction	Fiberglass/Aluminum
Application	Canadair CL-600 & 601 Challenger
Coverage	Airframe Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities