

MAINTENANCE KITS

FOR ELECTRICAL CONNECTORS
AND WIRING SYSTEMS

THE MAINTENANCE PROBLEM...



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 mission capability 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 wiring manual of the CANADAIR CHALLENGER and has identified the most common tools required to maintain the electrical connectors in the CANADAIR CHALLENGER. 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 DMC315A kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the CANADAIR CHALLENGER. In addition, the DMC315A 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 CHALLENGER to service.



Actual Kit may vary from example shown.

Tool kit supplied in 1 environmentally sealed fiberglass cases and includes:
Name Plate, Foam Pads/Inserts,
Contents Charts, Instruction Charts,
and Tool Selection Charts.

DMC315A

DMC DANIELS
MANUFACTURING
CORPORATION

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MAINTENANCE KIT FOR CANADAIR CL-600 CHALLENGER



DMC315A TOOL AND ACCESSORY LIST	
	4 CRIMP TOOLS
	3 TURRET HEADS
	11 POSITIONERS
	2 SINGLE POSITION HEADS
	1 UNIVERSAL TURRET HEAD
	13 METAL INSERTION TOOLS
	14 METAL REMOVAL TOOLS
	78 PLASTIC INS/REM TOOLS
	4 CONTACT GAGES
	2 UNWIRED CONTACT REMOVAL TOOLS
	8 PROBES
	1 WIRE CUTTER
	3 WIRE STRIPPERS
	1 IN-SERVICE INSPECTION GAGE
	1 DIE REMOVAL TOOL
	3 DIE SETS
	1 HEX WRENCH
	2 MODULE REMOVAL TOOLS
	1 RELAY EXTRACTION TOOL
	1 SOCKET MODULE TOOL

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

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 / ENVIRONMENTAL
NUMBER OF CASES	1
COLOR	YELLOW
TYPE OF CONSTRUCTION	FIBERGLASS/ALUMINUM
APPLICATION	CANADAIR CL-600 CHALLENGER
COVERAGE	AIRFRAME CONNECTORS, TERMINALS SIZE 12 AWG AND SMALLER, AND COAXIAL CONNECTORS
TYPE OF INSERTS	UNICELLULAR POLYETHELENE FOAM WITH DIE CUT TOOL CAVITIES

DATA PACKAGE

TOOL/ACCESSORY INSTRUCTION SHEET

M22520/1-01 CRIMP TOOL (DANIELS AF8B)

M22520/2-01 CRIMP TOOL (DANIELS AF8B)

CONTENTS CHART COMPARTMENT A

CONTENTS CHART

SELECTION CHART

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