

# DMC1886 WIRING SYSTEM SERVICE KIT

## For the Canadair CL-600/601/604 and CRJ



**DMC1886 for the Canadair  
CL-600/601/604 and CRJ**

### THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Canadair CL-600/601/604 and CRJ, 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-600/601/604 and CRJ.

**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 DMC1886 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Canadair CL-600/601/604 and CRJ in the shortest time possible.

### THE DMC SOLUTION...

**TOOLING RESEARCH.** DMC has already researched the list of connectors for the Canadair CL-600/601/604 and CRJ and has identified the most common tools required to maintain the electrical connectors in the Canadair CL-600/601/604 and CRJ. 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 DMC1886 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 2 environmentally sealed fiberglass cases and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Tool Selection Charts.



Actual Kit may vary from example shown.

**DMC1886**



















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### DMC1886 TOOL AND ACCESSORY LIST

	10	Crimp Tools
	5	Turret Heads
	23	Positioners
	7	Single Position Heads
	1	Universal Turret Head
	26	Die Sets
	17	Metal Insertion Tools
	23	Metal Removal Tools
	88	Plastic Ins/Rem Tools
	4	Contact gages
	3	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	4	Wire Strippers
	1	In-Service Inspection Gage
	1	Die Removal Tool
	1	Hex Wrench
	4	Coaxial Cable Strippers
	1	Cable Tie Tool
	1	Strap Wrench w/ Replacement Straps
	1	Soft Jaw Plier
	11	Backshell Assembly Tools
	1	Relay Extraction Tool
	1	Socket Module Removal Tool

### DMC1886 CONNECTOR COVERAGE

MANUFACTURER	SERIES
AMP	ARINC 600 (NIC) Series
Amphenol	48 Series
Bendix	JT, LJT, PT-CE, PTS-DR, PT-SE, 71 Series
Boeing Std.	BACC45 Series
Collins	Thin-Line Series
Edison	Fire Detection Connectors
Fenwal	Fire Detection Connectors
ITT Cannon	ARINC 600 (BKAD), CA, CV, DCMA, DPAMA, DPX*MA, KJ, SGA Series
Kings	RF Coaxial
Leach Relays	Relay Sockets
Matrix Science	MB, MR*B Series
Molex	Power Connectors
Souriau	ARINC 600 (S600) Series
Thomas & Betts	GSC Series
Trompeter	RF Coaxial
MIL-C-5015	3450 Series
MIL-C-24308	Rack & 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-81659	Rectangular
MIL-C-83723	Series 1 and 3
MIL-T-7928	Insulated 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.

### TOOL KIT CONFIGURATION

Type of Case	Portable w/ Tray
Number of Cases	2
Color	Yellow
Type of Construction	Fiberglass/Aluminum
Application	Canadair CL-600/601/604 and CRJ
Coverage	Airframe Power Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities