

DMC1591 WIRING SYSTEM SERVICE KIT

For The BOMBARDIER CRJ 700/900



THE MAINTENANCE PROBLEM...

Modern aircraft, such as the CRJ 700/900, 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 CRJ 700/900.

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 DMC1591 kit supplies your staff with both the information and the tools necessary to make this type of repair to the CRJ 700/900 in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the wiring manual of the CRJ 700/900 and has identified the most common tools required to maintain the electrical connectors in the CRJ 700/900. 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 DMC1591 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the CRJ 700/900. In addition, the DMC1591 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 CRJ 700/900 to service.

Tool kit supplied in 2 environmentally sealed, ultra high impact copolymer case and includes: Name Plate, Foam Pads/ Inserts, Contents Charts, Instruction Charts, and Tool Selection Charts.



Actual Kit may vary from example shown.



















DMC1591

DMC DANIELS
MANUFACTURING
CORPORATION®

DANIELS MANUFACTURING CORP., 526 THORPE ROAD, ORLANDO, FL 32824, USA
PHONE (407) 855-6161 • FAX (407) 855-6884 • www.DMCTools.com • E-MAIL: DMC@DMCTools.com

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DMC1591 TOOL AND ACCESSORY LIST		
	9	Crimp Tools
	5	Turret Heads
	11	Positioners
	4	Single Position Heads
	15	Metal Insertion Tools
	18	Metal Removal Tools
	88	Plastic Ins/Rem Tools
	4	Contact gages
	3	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	2	Wire Strippers
	1	In-Service Inspection Gage
	1	Die Removal Tool
	18	Die Sets
	1	Hex Wrench
	3	Coaxial Cable Stripper
	1	Wire Harness Spoon
	1	Metal Ins/Rem Tool w/ Probes

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.

DMC1591 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
MIL-C-24308	D-SUB
MIL-C-26482	I & II
MIL-C-26500	Firewall Connectors
MIL-C-38999	I, II, III
MIL-C-5015	3450
MIL-C-83723	III
MIL-C-81659	Rack & Panel (ARINC)
MIL-S-81824	Environmental Splices
MIL-T-7928	Insulated/Non-Insulated Terminals
MIL-T-81714	Terminal Junctions
Air LB	Terminal Junctions
Amphenol	48
Bombardier	Switch Assemblies
Deutsch	CTJ, 65***TSE
ECS	RF Coaxial
Hirel	59000,85010,,86000
ITT Cannon	BKA*, D*MA, DP*MA
KiddeAerospace	Fire Detection Wire End Fittings
Leach	Relay Sockets
Molex	1625 Housings
Radiall	NSXN
Rockwell Collins	Thin-Line I & II
Souriau	SB, ARINC
Tyco/Amp	CPC, NIC66 Positive-Lock Receptacles, Stratotherm

TOOL KIT CONFIGURATION	
Type of Case	Portable
Number of Cases	2
Color	Black
Type of Construction	Ultra High Impact Copolymer
Application	CRJ 700/900
Coverage	Airframe Power Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities