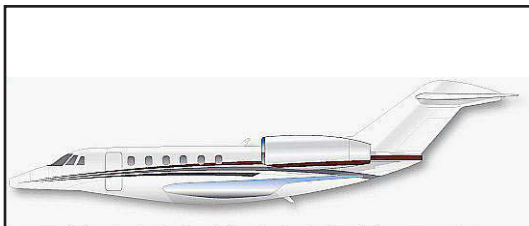


# DMC1246 MAINTENANCE KIT

## For Electrical Connectors and Wiring Systems



### DMC1246 for the Cessna Citation X

### THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Cessna Citation X, 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 Citation X.

**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/LOSS OF MISSION CAPABILITY due to AOG. The DMC1246 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Citation X in the shortest time possible.

### THE DMC SOLUTION...

**TOOLING RESEARCH.** DMC has already researched the list of connectors for the Citation X and has identified the most common tools required to maintain the electrical connectors in the Citation X. 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 DMC1246 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the Citation X. In addition, the DMC1246 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 Citation X to service.



Actual Kit may vary from example shown.

## DMC1246



**DMC** DANIELS  
MANUFACTURING  
CORPORATION

Tool kit supplied in 2 environmentally sealed fiberglass cases 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  
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# DMC1246 CITATION X MAINTENANCE KIT

## For Electrical Connectors and Wiring Systems

DMC1246 TOOL AND ACCESSORY LIST		
	12	Crimp Tools
	7	Turret Heads
	9	Positioners
	1	Single Position Head
	1	Universal Positioner
	1	Universal Turret Head
	5	Die Sets
	18	Metal Insertion Tools
	19	Metal Removal Tools
	88	Plastic Ins/Rem Tools
	4	Contact gages
	2	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	4	Wire Strippers
	6	In-Service Inspection Gage
	1	Die Removal Tool
	1	Hex Wrench
	3	Coaxial Cable Stripper
	1	Cable Tie Tool
	2	Module Removal Tools
	300	Sealing Plugs

DMC1246 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
MIL-C-24308	Rectangular
MIL-C-25516	RF Coaxial
MIL-C-26482	Series 1 & 2
MIL-C-38999	Series 2 & 3
MIL-C-5015	3100 & 3400 Series
MIL-C-81659	Arinc 404
MIL-C-83723	Series 1 & 3
MIL-S-81824	Environmental Splices
MS25036	Insulated Terminals
MS20659	Uninsulated Terminals
AMP	Metrimate, Universal Mate-N-Lok, Commercial Mate-N-Lok, M Series, PIDG, Solistrand, Strato-Therm, Insulated/Uninsulated Terminals and Splices, Fuel Quantity Probe Terminals
Appleton Electric	Relays and Relay Sockets
Deutsch	DS, RE04, RE54, CTS Series, Jiffy Junctions
DME	Disconnects and Environmental Splices
ITT Cannon	D*MA Series
Kings Electronics	RF Coaxial
Leach	Relays and Relay sockets
Positronics	GMCT Series
Pyle-National	LMD/LMS Series
Raychem	Environmental Splices
Thomas & Betts	Fuel Quantity Probe Flag Terminals

TOOL KIT CONFIGURATION	
Type of Case	Portable with Tray
Number of Cases	2
Color	Yellow
Type of Construction	Fiberglass/Aluminum
Application	Cessna Citation X
Coverage	Airframe Power Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities

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.