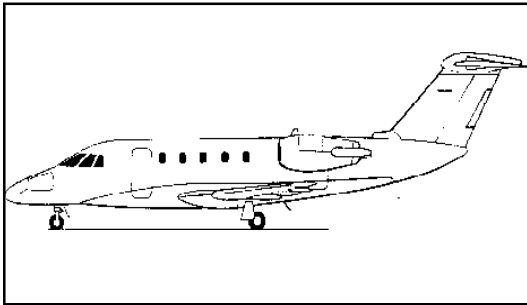


# MAINTENANCE KITS FOR ELECTRICAL CONNECTORS AND WIRING SYSTEMS



DMC205-1 Cessna Citation Master Kit

## THE MAINTENANCE PROBLEM...

Today's aircraft, utilize sophisticated electrical wiring systems and complicated avionics packages containing many different connectors, contacts and terminals, the repair of which requires 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.

**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 DMC205-1 Master kit supplies your staff with both the information and the tools necessary to make this type of repair in the shortest time possible.

## THE DMC SOLUTION...

**TOOLING RESEARCH.** DMC has already researched the wiring manuals of the Cessna Citations I, II & III and has identified the most common tools required to maintain the electrical connectors in these aircraft. 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 DMC205-1 Master kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the Cessna Citation I, II & III. In addition, This 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 aircraft to service.



Actual Kit may vary from example shown.

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

**DMC205-1**

**DMC** DANIELS  
MANUFACTURING  
CORPORATION

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# MASTER KIT FOR THE CESSNA CITATION



DMC205-1 TOOL AND ACCESSORY LIST		
	4	CONTACT GAGES
	8	CRIMP TOOLS
	4	TURRET HEADS
	1	UNIVERSAL TURRET HEAD
	8	POSITIONERS
	5	DIE SETS
	11	METAL INSERTION TOOLS
	6	METAL INSERTION TWEEZERS
	14	METAL REMOVAL TOOLS
	7	METAL REMOVAL TWEEZERS
	2	UNWIRED REMOVAL TOOLS
	8	PROBES
	47	PLASTIC/METAL INS/REM TOOLS
	2	INSPECTION GAGES
	2	WIRE STRIPPERS
	1	WIRE CUTTER
	1	DIE REMOVAL TOOL
	2	MODULE REMOVAL TOOLS
	1	HEX WRENCH

DMC205-1 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
AMP	HDP-20, M, CPC, METRIMATE, RF COAXIAL
AMPHENOL RF	RF COAXIAL
BENDIX	JT, PC-CE, PT-SE, 71
COLLINS RADIO	THIN-LINE
DEUTSCH	450, 460, 75000, CTJ, DBA, DS, RE, RM, RSM, TSE
ITT CANNON	D*M, D*C, D*SM, DPXMA, KJ, KPTM
MOLEX	1625
MIL-C-26482	SERIES 1 & 2
MIL-C-26500	FIREWALL CONNECTORS
MIL-C-5015	3400
MIL-C-83723	SERIES 1 & 2
MIL-R-6106	RELAYS
MIL-S-81824	ENVIRONMENTAL SPLICES
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
NUMBER OF CASES	1
COLOR	YELLOW
TYPE OF CONSTRUCTION	FIBERGLASS/ALUMINUM
APPLICATION	CESSNA CITATION
COVERAGE	AIRFRAME CONNECTORS, TERMINALS SIZE 12AWG AND SMALLER, AND COAXIAL CONNECTORS
TYPE OF INSERTS	UNICELLULAR POLYETHYLENE FOAM WITH DIE CUT TOOL CAVITIES

## DATA PACKAGE

TOOL/ACCESSORY INSTRUCTION SHEET

M22520/2-01 CRIMP TOOL (DANIELS AFMB) instruction sheet

CONTENTS CHART

COMPARTMENT A

CONTENTS CHART

TOOL SELECTION CHART

TOOL NO.	TOOL NAME	QUANTITY	DESCRIPTION
1	HEX WRENCH	1	...
2	WIRE STRIPPERS	2	...
3	...	...	...
4	CONTACT GAGES	4	...
5	...	...	...
6	...	...	...
7	...	...	...
8	CRIMP TOOLS	8	...
9	...	...	...
10	...	...	...
11	METAL INSERTION TOOLS	11	...
12	...	...	...
13	...	...	...
14	METAL REMOVAL TOOLS	14	...
15	...	...	...
16	...	...	...
17	...	...	...