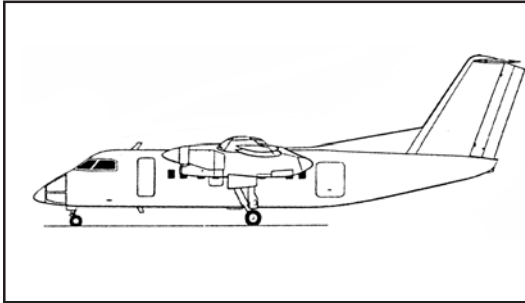


# MAINTENANCE KITS

FOR ELECTRICAL CONNECTORS  
AND WIRING SYSTEMS



**DMC872MOD1 for the  
DASH 8 Series 100, 200, & 300**

## THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Dash 8 Series 100, 200, & 300, 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 Dash 8 Series 100, 200, & 300.

**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 DMC872MOD1 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Dash 8 Series 100, 200, & 300 in the shortest time possible.

## THE DMC SOLUTION...

**TOOLING RESEARCH.** DMC has already researched the wiring manual of the Dash 8 Series 100 & 300 and has identified the most common tools required to maintain the electrical connectors in the Dash 8 Series 100 & 300. 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 DMC872MOD1 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the Dash 8 Series 100, 200, & 300. In addition, the DMC872MOD1 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 Dash 8 Series 100, 200, & 300 to service.



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

## DMC872MOD1

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

# MAINTENANCE KIT FOR DASH 8 SERIES 100 , 200, & 300



## DMC872MOD1 TOOL AND ACCESSORY LIST

	9	CRIMP TOOLS
	5	POSITIONERS
	1	SINGLE POSITION HEAD
	3	TURRET HEADS
	14	METAL INSERTION TOOLS
	16	METAL REMOVAL TOOLS
	79	PLASTIC INS/REM TOOLS
	4	CONTACT GAGES
	3	UNWIRED CONTACT REMOVAL TOOLS
	10	PROBES
	3	DIE SETS
	1	UNIVERSAL POSITIONER
	1	WIRE CUTTER
	1	DIE REMOVAL TOOL
	1	HEX WRENCH
	1	IN SERVICE INSPECTION GAGE
	2	WIRE STRIPPERS
	3	COAXIAL CABLE STRIPPERS
	1	UNIVERSAL HEAD

## DMC872MOD1 CONNECTOR COVERAGE

MANUFACTURER	SERIES
MIL-C-24308	RECTANGULAR
MIL-C-26482	SERIES I, II
MIL-C-26500	FIREWALL CONNECTORS
MIL-C-38999	SERIES I, II
MIL-C-5015	SERIES 3100, 3450
MIL-C-81659	SERIES II
MIL-R-6106	RELAY BASES & SOCKETS
MIL-S-81824	ENVIRONMENTAL SPLICES
AEROSPACE OPTICS	18-200 JUNCTION MODULES
AMP	MR, HDP-20, SERIES NIC66
AMPHENOL	SERIES 126, RF COAXIAL
APPLETON	RELAY SOCKETS
ARMEL	RELAY SOCKETS
BENDIX ECD	SERIES JT
CLOVER ENTERPRISES	CRYSTAL CAN RELAYS
DUPONT/BERG	BERGCON, SERIES MINI-PV
ITT CANNON	SERIES D, D*MA, D*MAM, DPXB, DPX*MA/B, DPX*NA/E, KPSE, KPTM
KING RADIO	D-SUB, RF COAXIAL
LEACH RELAYS	RELAY SOCKETS
POSITRONICS	SERIES RHAPSO-D
ROCKWELL/COLLINS	THIN-LINE I, II
SOLITRON MICROWAVE	RF COAXIAL
TED MANUFACTURING	RF COAXIAL

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 WITH TRAY
NUMBER OF CASES	1
COLOR	YELLOW
TYPE OF CONSTRUCTION	FIBERGLASS/ALUMINUM
APPLICATION	DASH 8 SERIES 100, 200, & 300
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

M22520/1-01 CRIMP TOOL (DANIELS AFB)

M22520/2-01 CRIMP TOOL (DANIELS AFMB)

CONTENTS CHART COMPARTMENT A

CONTENTS CHART

TOOL SELECTION CHART