

DMC346 WIRING SYSTEM SERVICE KIT

For the DeHAVILLAND DASH 7



THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Dehavilland Dash 7, 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 Dehavilland Dash 7.

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 DMC346 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Dehavilland Dash 7 in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the list of connectors for the Dehavilland Dash 7 and has identified the most common tools required to maintain the electrical connectors in the Dehavilland Dash 7. 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 DMC346 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 an environmentally sealed fiberglass case and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Tool Selection Charts.



DMC346





DMC DANIELS
MANUFACTURING
CORPORATION

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DMC346 WIRING SYSTEM SERVICE KIT

For the DeHAVILLAND DASH 7

DMC346 TOOL AND ACCESSORY LIST

	5	Crimp Tools
	6	Positioners
	5	Turret Heads
	5	Die Sets
	2	In-Service Inspection Gages
	12	Metal Insertion Tools
	18	Metal Removal Tools
	66	Plastic Ins/Rem Tools
	4	Contact gages
	2	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	2	Wire Strippers
	1	Die Removal Tool
	1	Hex Wrench

DMC346 CONNECTOR COVERAGE

MANUFACTURER	SERIES
MIL-C-26482	Series 1 & 2
MIL-C-26500	Firewall Connectors
MIL-C-83723	Series 3
MIL-T-81714	Common Termination Series
AMP	MR Series, PIDG Insulated Terminals/Splices
MIL-T-7928	Insulated Terminals & Splices
Amphenol	126 Series, RF Coaxial
Automatic Connector	RF Coaxial
Aviation Electric	AED Series
Bendix	JT, PT-SE Series
Bendix Microwave	RF Coaxial
Burndy	BT, MT-R Series
Collins Radio	Thin-Line, Pro-Line Series
Deutsch	DBA, DM, TJ Series
Deutsch Relays	Relay Sockets
ITT Cannon	DPA, DPXMA/DPXMB, CA-KE CA-R, CV, CA-RX, D*, KPT, KPSE, KPTM Series
Thomas & Betts	Insulated Terminals, GSC, GSR Series
Walter Kidde	Fire Detection Connectors

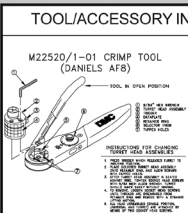
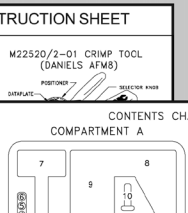
Tools contained in this kit have been selected based upon their suitability to service the related connector or contact indicated. Military Standard tools have been utilized wherever possible. These tools are not necessarily the production tools used to manufacture the aircraft and therefore, these tools 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

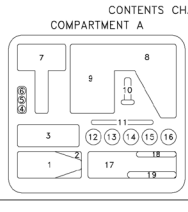
Type of Case	Portable
Number of Cases	1
Color	Yellow
Type of Construction	Fiberglass/Aluminum
Application	Dehavilland Dash 7
Coverage	Airframe Connectors Terminals size 12 AWG and Smaller Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities

DATA PACKAGE

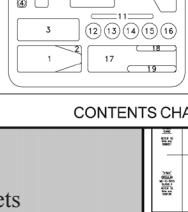
TOOL/ACCESSORY INSTRUCTION SHEET

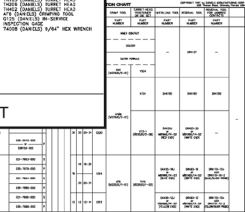
CONTENTS CHART



CONTENTS CHART



SELECTION CHART



Actual Charts and Sheets may vary from examples shown.