

MAINTENANCE KITS

FOR ELECTRICAL CONNECTORS
AND WIRING SYSTEMS



THE MAINTENANCE PROBLEM...

Modern aircraft, such as the DC8, 9, 10 and BOEING 707, 727, 737-200, 747, 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 DC8, 9, 10 and BOEING 707, 727, 737-200, 747.

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 DMC355MOD1 kit supplies your staff with both the information and the tools necessary to make this type of repair to the DC8, 9, 10 and BOEING 707, 727, 737-200, 747 in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the wiring manual of the DC8, 9, 10 and BOEING 707, 727, 737-200, 747 and has identified the most common tools required to maintain the electrical connectors in the DC8, 9, 10 and BOEING 707, 727, 737-200, 747. 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 DMC355MOD1 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the DC8, 9, 10 and BOEING 707, 727, 737-200, 747. In addition, the DMC355MOD1 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 DC8, 9, 10 and BOEING 707, 727, 737-200, 747 to service.

Tool kit supplied in two environmentally sealed fiberglass cases, and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Tool-to-Connector Cross Reference Charts.



DMC355MOD1

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MAINTENANCE KIT FOR DC8, 9, 10 & BOEING 707, 727, 737-200, 747



DMC355MOD1 TOOL AND ACCESSORY LIST

	4	CRIMP TOOLS
	13	TURRET HEADS
	12	POSITIONERS
	1	SINGLE POSITION HEAD
	19	METAL INSERTION TOOLS
	25	METAL REMOVAL TOOLS
	54	PLASTIC INS/REM TOOLS
	4	CONTACT GAGES
	1	UNIVERSAL TURRET HEAD
	5	UNWIRED REMOVAL TOOL
	5	PROBES
	1	INSERTION TWEEZERS
	4	REMOVAL TWEEZERS
	1	IN-SERVICE INSPECTION GAGE
	1	DIE REMOVAL TOOL
	16	DIE SETS
	1	HEX WRENCH
	1	WIRE CUTTER
	4	WIRE STRIPPERS

DMC355MOD1 CONNECTOR COVERAGE

MANUFACTURER	SERIES
AMP	IN-CERT SERIES
AMPHENOL	48, 67, 69, 84, 246 SERIES
AMPHENOL RF	RF COAXIAL
BENDIX	10-244, DC, PT-CE, PT-SE, PC-CE SERIES
BOEING	BACC63, BACC64 SERIES
BURNDY	BT, CT, L, MB SERIES
CINCH	48, C48, CN0916 SERIES
DEUTSCH	DS SERIES
FENWAL	FIRE DETECTION CONNECTORS
GRAVINER	FIRE DETECTION CONNECTORS
INTERCONNECTRON	FC SERIES
ITT CANNON	CA-KR, D*MA, DP*MA, DPDMB, DPX, FRF, KM, KPSE SERIES
KINGS ELECTRONICS	RF COAXIAL
MCDONNELL DOUGLAS	DC SERIES
METHODE	RELAY SOCKETS
PYLE-NATIONAL	FPL, ZZL SEIRES
VIKING	RELAY SOCKETS
WALTER KIDDE	FIRE DETECTION CONNECTORS
WINCHESTER	JAC, MRAC SERIES
MIL-C-26482	SERIES 2
MIL-C-26500	FIREWALL CONNECTORS
MIL-C-38999	SERIES 2
MIL-C-5015	3100 SERIES
MIL-S-81824	ENVIRONMENTAL SPLICES
MIL-T-7928	INSULATED/UNINSULATED 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	2
COLOR	YELLOW
TYPE OF CONSTRUCTION	FIBERGLASS/ALUMINUM
APPLICATION	DC8, 9, 10 AND BOEING 707, 727, 737-200, 747
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

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