

DMC2272 Rapid Deployment Basic Electrical Maintenance Kit



THE MAINTENANCE PROBLEM...

How can technicians perform wiring maintenance on aircraft that have been temporarily parked at locations far away from hangars and MRO facilities?

THE DMC SOLUTION...

The **DMC2272** Rapid Deployment Basic Electrical Maintenance Kit is a well-organized, highly portable kit, designed to service the EWIS (Electrical Wiring Interconnect System) for General and Commercial Aviation Aircraft. The **DMC2272** contains the tools necessary to strip, crimp, install and remove the typical machined pin and socket contacts and terminals using a minimal amount of tools to facilitate portability and rapid deployment. This kit is designed to handle the basic electrical field repair needs to get an aircraft up and running safely in the least amount of time.



Bottom case is empty for storage. Not all items pictured are included with kit.

DMC2272



IMMEDIATE AVAILABILITY OF TOOLS AND TECHNICAL INFORMATION. The **DMC2272** contains the tooling to connector, contact and terminal cross reference information that 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 electrical repair can be made in the shortest time possible, thus permitting a rapid return of your aircraft to service. Tool kit supplied in 3-piece stackable Polymer case with integrated wheels, handle, and includes Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Tool Selection Charts. The Bottom case is intentionally left empty to allow maintenance technicians to include other tools and equipment that they may want to bring with them to the aircraft.

DMC2272 TOOL AND ACCESSORY LIST

	5	Crimp Tools
	2	Turret Heads
	12	Positioners
	1	Single Position Head
	1	Universal Positioner
	1	Universal Turret Head
	4	Metal Insertion Tools
	4	Metal Removal Tools
	45	Plastic Ins/Rem Tools
	1	Wire Cutter
	2	Wire Strippers
	1	Hex Wrench
	1	Wire Harness Spoon

TOOL KIT CONFIGURATION

Type of Case	Portable
Number of Cases	3
Color	Black
Type of Construction	Polymer
Application	General and Commercial Aviation Aircraft
Coverage	Airframe Power Connectors
	Terminals size 12 AWG and Smaller
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities

DMC2272 CONNECTOR COVERAGE

MANUFACTURER	SERIES
AS50151	3400, 3450
MIL-DTL-24308	MINIATURE RACK & PANEL
MIL-DTL-26482	1 & 2
MIL-DTL-26500	FIREWALL CONNECTORS
MIL-DTL-38999	1, 2, 3 & 4
MIL-DTL-83723	1, 2 & 3
MIL-DTL-81703	2 & 3
MIL-DTL-83733	RACK & PANEL
MIL-T-7928	INSULATED/UNINSULATED SPLICES & TERMINALS
MIL-S-81824	ENVIRONMENTAL SPLICES
AMP (TYCO/TE CONNECTIVITY)	HD-22 & RME
AMPHENOL	48
AMPHENOL AIR LB	JUNCTION MODULES, RELAY SOCKETS
ARIZONA INT. ELEC.	AMC & ATM
BOEING	BACC45FT, BACC45FN, BACC63, BACC66, S280W551, BACS16A, S280558, BACT12AC, S280W601, 10-60450
BURNDY	MB12 & SMOOTH BANTAM
CINCH	C48, CN0967, C0909A
CONNECTRAL	205
DEUTSCH	DBA, FDDBA, 992, 983, SE-SRE
FLIGHT CONNECTOR	FC3400
ITT CANNON	DPAMA, DPX*MA, DPX*MB, BKA, D*MA, DPDMB, BKA/E/D, DPX, PVW, HTAMF
JUPITER	JA, JAM & JAR
LEACH	RELAYS
MATRIX SCIENCE	MB, MB92, MT, NSA93815
PYLE NATIONAL	A
RADIALL	DSX, DSXN & NSX
SOCAPEX	JT & RJT
SOURIAU	8525, 8526, S600, 8533, 8665, 8T, 8559
TJ ELEC.	TT30K

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.