

# DMC2223 WIRING SYSTEM SERVICE KIT

## For the AN/AQS-24B/C



**DMC2223 for the AN/AQS-24B/C**

### THE MAINTENANCE PROBLEM...

Modern equipment, such as the AN/AQS-24B/C Minehunting System, 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 AN/AQS-24B/C.

**AOG TIME CONSTRAINTS.** Once the equipment 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 DMC2223 kit supplies your staff with both the information and the tools necessary to make this type of repair to the AN/AQS-24B/C Minehunting System in the shortest time possible.

### THE DMC SOLUTION...

**TOOLING RESEARCH.** DMC has already researched the list of connectors for the AN/AQS-24B/C and has identified the most common tools required to maintain the electrical connectors in the AN/AQS-24B/C. 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 DMC2223 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 3 environmentally sealed fiberglass cases and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Tool Selection Charts.



Actual Kit may vary from example shown.

**DMC2223**


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MANUFACTURING  
CORPORATION

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## For the AN/AQS-24B/C

DMC2223 TOOL AND ACCESSORY LIST		
	5	Crimp Tools
	6	Turret Heads
	15	Positioners
	2	Single Position Heads
	1	Universal Turret Head
	1	Universal Positioner
	3	Die Sets
	17	Metal Insertion Tools
	20	Metal Removal Tools
	53	Plastic Ins/Rem Tools
	4	Contact gages
	4	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	3	Wire Strippers w/ Blade Packs
	1	In-Service Inspection Gage
	1	Die Removal Tool
	1	Hex Wrench
	4	Coaxial Cable Strippers
	1	Wire Harness Spoon
	1	Wire Wrap Tool w/ accessories
	1	Hydraulic Crimp Tool
	2	Die Sets (Hydraulic Crimp Tool)
	1	Wire Unwrap Tool
	1	Soldering Iron
	1	Desoldering Iron
	100	Sealing plugs

DMC2223 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
AS5051	3450
AS81511	3
MIL-DTL-24308	Rack and Panel
MIL-DTL-26482	1 and 2
MIL-DTL-26500	Firewall Connectors
MIL-DTL-28748	Rack and Panel
MIL-DTL-38999	1, 2, and 3
MIL-DTL-83723	2
MS25036	Insulated Terminals
MS20659	Uninsulated Terminals
Amphenol Aerospace	Coax Contacts JT
Amphenol Industrial	PT
Glenair	CC700XX, ITS
IEH	3000
ITT	Combo D, CV, KPSE
Milnec Interconnect	TX
Kidde Aerospace	Fire Detection
Teradyne	M1000, M1001
Winchester	XAC
Miscellaneous	AV 620, AV 621

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 w/ Tray
Number of Cases	3
Color	White
Type of Construction	Fiberglass/Aluminum
Application	AN/AQS-24B/C
Coverage	Airframe Power Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities