

# DMC1183 WIRING SYSTEM SERVICE KIT

## For the MARK 92 Fire Control System & Radar



**DMC1183 for the Mark 92  
FCS & Radar**

### THE MAINTENANCE PROBLEM...

Modern Radar Systems, such as the Mark 92, 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.

**TIME CONSTRAINTS.** Once the system 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 loss of mission capability. The DMC1183 kit supplies your staff with both the information and the tools necessary to make this type of repair in the shortest time possible.

### THE DMC SOLUTION...

**TOOLING RESEARCH.** DMC has already researched and identified the most common tools required to maintain the electrical connectors in these Radar Systems. 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 DMC1183 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support Mark 92 Radar Systems. In addition, the DMC1183 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 two environmentally sealed fiberglass cases, the connector repair can be made in the shortest time possible, thus permitting a rapid return of your system to service.



Actual Kit may vary from example shown.


















**DMC1183**

**DMC** DANIELS MANUFACTURING CORPORATION®

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DMC1183 TOOL AND ACCESSORY LIST		
	8	Crimp Tools
	9	Turret Heads
	16	Positioners
	2	Single Position Heads
	6	Die Sets
	18	Metal Insertion Tools
	29	Metal Removal Tools
	55	Plastic Ins/Rem Tools
	4	Contact gages
	1	Wire Cutter
	2	Wire Strippers
	1	In-Service Inspection Gage
	1	Die Removal Tool
	1	Hex Wrench
	1	Wire Harness Spoon
	1	Universal Turret Head
	1	Universal Positioner

DMC1183 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
MIL-DTL-24308	D-SUB
MIL-DTL-26482	1 & 2
MIL-C-26500	Firewall
MIL-C-28840	Shipboard Connectors
MIL-C-28748	Rectangular
MIL-C-38999	1, 2, & 3
MIL-C-5015	3400
MIL-C-81511	3
AMP (TE)	Blade Series
Amphenol	PT-CE, PT-SE, 75, 81, 82, 83, 85, 10-214, 348
Burndy	Hyfen Bantam, Trimtrio, Smooth Bantam
Deutsch (TE)	51003
Eaton	Lighted Push Button Switches
Hughes	MRS, W, WSS
ITT Cannon	CA-F80, PV, D*MA, KPSE, KPT, KJ, KJA, DPXMA, KFS
US Components	URC, RUMI, RSSMI
Winchester	MRAC

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 vehicle and therefore, these tools may or may not correspond to the tools listed in the OEM wiring manual list of approved tooling. Verification Is Required.

TOOL KIT CONFIGURATION	
Type of Case	Portable
Number of Cases	2
Color	Green
Type of Construction	Fiberglass/Aluminum
Application	Mark 92 FCS & Radar
Coverage	Airframe Power Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Silhouetted Tool Cavities