

DMC989A WIRING SYSTEM SERVICE KIT For The AN/SPY-1 Radar System



**DMC989A
for the AN/SPY-1**

THE MAINTENANCE PROBLEM...

Modern Radar Systems, such as the AN/SPY-1, 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 DMC989A 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 DMC989A kit contains all of the tooling to connector, contact and terminal cross reference information needed to support AN/SPY-1 Radar Systems. In addition, the DMC989A 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 system to service.



Actual Kit may vary from example shown.

DMC989A




















DMC DANIELS
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DMC989A WIRING SYSTEM SERVICE KIT

For The AN/SPY-1 Radar System

DMC989A TOOL AND ACCESSORY LIST

	6	Crimp Tools
	6	Turret Heads
	13	Positioners
	1	Single Position Head
	13	Die Sets
	19	Metal Insertion Tools
	21	Metal Removal Tools
	30	Plastic Ins/Rem Tools
	1	Wire Cutter
	2	Wire Strippers
	2	In-Service Inspection Gages
	1	Die Removal Tool
	1	Hex Wrench
	1	Strap Wrench
	1	Coaxial Cable Stripper
	1	Soft Jaw Pliers
	1	Illuminated Magnifier
	2	Tie Wrap Tools
	1	Connector Wrench
	2	Wire Wrap Tools & Accessories
	1	Heat Gun & Accessories

DMC989A CONNECTOR COVERAGE

MANUFACTURER	SERIES
MIL-C-24308	D-Sub
MIL-C-26482	1 & 2
MIL-C-28748	Rectangular
MIL-C-38999	1, 2, 3 & 4
MIL-C-5015	3400 & 3450
MIL-C-81511	1, 2, 3 & 4
MIL-C-83723	2, 3
MS17143	Insulated Terminals
MS25036	Insulated Terminals
MIL-S-81824	Environmental Splices
Hughes	W

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.

TOOL KIT CONFIGURATION

Type of Case	Portable
Number of Cases	2
Color	White
Type of Construction	Fiberglass/Aluminum
Application	AN/SPY-1 Radar System
Coverage	Airframe Power Connectors
	Terminals size 2 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities