

# **DMC1878 WIRING SYSTEM SERVICE KIT**

## **For the TPS-75**



### **THE MAINTENANCE PROBLEM...**

Modern radars, such as the TPS-75, have complicated electrical wiring systems containing many different connectors, contacts and terminals, the repair of which require precision tools.

### **THE DMC SOLUTION...**

#### **IMMEDIATE AVAILABILITY OF TOOLS AND TECHNICAL INFORMATION.**

DMC Wiring System Service Kits provide, in a single, well organized location, the tools necessary to strip, crimp, install and remove the typical contacts and terminals of this wiring system. The DMC1878 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 radar to service. Tool kit supplied in 1 environmentally sealed polyethylene case and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Tool Selection Charts.

**NOTICE:** Whenever possible, DMC designs its commercial kits around MIL-Spec and/or readily available commercial tools compatible with the components of the wiring system. These tools may not necessarily be the tools listed in an system manufacturer's Chapter 20.



Actual Kit may vary from example shown.









**DMC1878**

**DMC** **DANIELS**  
**MANUFACTURING**  
**CORPORATION**®

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# DMC1878 WIRING SYSTEM SERVICE KIT

## For the TPS-75

DMC1878 TOOL AND ACCESSORY LIST		
	4	Crimp Tools
	4	Turret Heads
	8	Positioners
	1	Single Position Heads
	8	Metal Insertion Tools
	12	Metal Removal Tools
	50	Plastic Ins/Rem Tools
	1	In-Service Inspection Gage
	1	Die Removal Tool
	8	Die Sets
	1	Hex Wrench
	4	Contact Gages

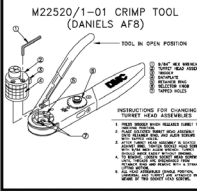
DMC1878 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
Automatic Connector	RF Coaxial
Burndy	Trim-Trio Power and Coaxial Contacts, MS Series, G6/G7 Series, RCDX/RMDX Coaxial Contacts
ITT Cannon	DCMM Series
SV Microwave	RF Coaxial
MIL-C-24308	D-Subminiature
MIL-C-26482	Series 1 & 2
MIL-C-38999	Series 1 & 4
MIL-C-39012	RF Coaxial
MIL-C-5015	3450 Series
MS25036	Insulated Terminals

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 system 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/Environmental
Number of Cases	1
Color	Yellow
Type of Construction	Polypropylene Copolymer
Application	TPS-75
Coverage	Power Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities

### DATA PACKAGE

**TOOL/ACCESSORY INSTRUCTION SHEET**

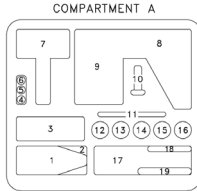


M22520/1-01 CRIMP TOOL (DANIELS AF8)

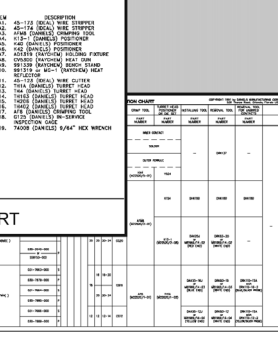
M22520/2-01 CRIMP TOOL (DANIELS AF8)

**CONTENTS CHART**

COMPARTMENT A



**CONTENTS CHART**



**SELECTION CHART**

