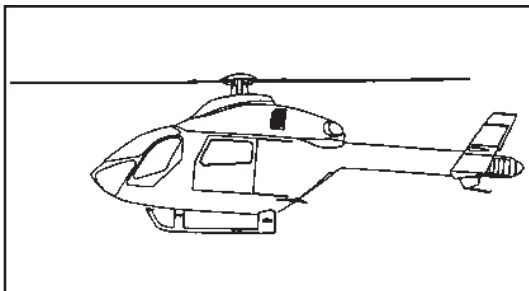


DMC1182 WIRING SYSTEM SERVICE KIT

For the MD-900 & MD-902



**DMC1182 for the MD-900
and MD-902 Explorer**

THE MAINTENANCE PROBLEM...

Modern aircraft, such as the MD-900 and MD-902 Explorer, 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 MD-900 and MD-902 Explorer.

AOG TIME CONSTRAINTS. Once the aircraft 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/LOSS OF MISSION CAPABILITY due to AOG. The DMC1182 kit supplies your staff with both the information and the tools necessary to make this type of repair to the MD-900 and MD-902 Explorer in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the list of connectors for the MD-900 and MD-902 Explorer and has identified the most common tools required to maintain the electrical connectors in the MD-900 and MD-902 Explorer. 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 DMC1182 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the MD-900 and MD-902 Explorer. In addition, the DMC1182 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 MD-900 and MD-902 Explorer to service.



Actual Kit may vary from example shown.

DMC1182












DMC **DANIELS**
MANUFACTURING
CORPORATION ®

Tool kit supplied in 1 metal case and includes: Name Plate, Foam Pads/ Inserts, Contents Charts, Instruction Charts, and Tool Selection Charts.

DANIELS MANUFACTURING CORP., 526 THORPE ROAD, ORLANDO, FL 32824, USA
PHONE (407) 855-6161 • FAX (407) 855-6884 • www.DMCTools.com • E-MAIL: DMC@DMCTools.com

DMC1182 WIRING SYSTEM SERVICE KIT

For the MD-900 & MD-902

DMC1182 TOOL AND ACCESSORY LIST		
	5	Crimp Tools
	3	Turret Heads
	5	Positioners
	9	Metal Insertion Tools
	9	Metal Removal Tools
	35	Plastic Ins/Rem Tools
	4	Contact gages
	3	Unwired Contact Removal Tools w/ Probes
	3	Wire Strippers
	1	In-Service Inspection Gage
	1	Hex Wrench

DMC1182 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
Deutsch	CTD, CTJ, CTS Common Termination System
Douglas	HS4791 Relay Sockets
MIL-C-24308	D-Subminiature
MIL-C-26482	Series 1 & 2
MIL-C-38999	Series 1, 2, & 3
MIL-C-5015	3450 Series
MIL-C-83723	Series 3
MIL-S-81824	Environmental Splices
MIL-T-7928	Insulated Terminals

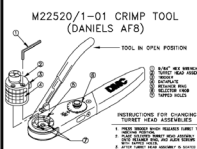
Tools contained in this kit have been selected based upon their suitability to service the related connector or contact indicated. Military Standard tools have been utilized wherever possible. These tools are not necessarily the production tools used to manufacture the aircraft and therefore, these tools 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	Metal
Number of Cases	1
Color	Gray
Type of Construction	Steel
Application	MD-900 and MD-902 Explorer
Coverage	Airframe 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

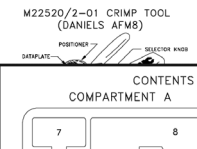
M22520/1-01 CRIMP TOOL (DANIELS AF8)



INSTRUCTIONS FOR CHANGING TURRET HEAD ASSEMBLIES

1. OPEN CRIMP TOOL HANDLE TIGHTEN TO 100 INCH POUNDS TORQUE.
2. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
3. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
4. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
5. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
6. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
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17. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
18. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
19. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.

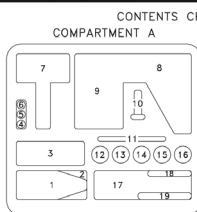
M22520/2-01 CRIMP TOOL (DANIELS AF8)



POSITIONER - SELECTOR KNOB

CONTENTS CHART

COMPARTMENT A



CONTENTS CHART

ITEM	DESCRIPTION	QUANTITY
1	12 AWG (12) WIRE STRIPPERS	3
2	12 AWG (12) WIRE STRIPPERS	3
3	12 AWG (12) WIRE STRIPPERS	3
4	12 AWG (12) WIRE STRIPPERS	3
5	12 AWG (12) WIRE STRIPPERS	3
6	12 AWG (12) WIRE STRIPPERS	3
7	12 AWG (12) WIRE STRIPPERS	3
8	12 AWG (12) WIRE STRIPPERS	3
9	12 AWG (12) WIRE STRIPPERS	3
10	12 AWG (12) WIRE STRIPPERS	3
11	12 AWG (12) WIRE STRIPPERS	3
12	12 AWG (12) WIRE STRIPPERS	3
13	12 AWG (12) WIRE STRIPPERS	3
14	12 AWG (12) WIRE STRIPPERS	3
15	12 AWG (12) WIRE STRIPPERS	3
16	12 AWG (12) WIRE STRIPPERS	3
17	12 AWG (12) WIRE STRIPPERS	3
18	12 AWG (12) WIRE STRIPPERS	3
19	12 AWG (12) WIRE STRIPPERS	3

SELECTION CHART

ITEM	DESCRIPTION	QUANTITY	REMARKS
1	12 AWG (12) WIRE STRIPPERS	3	
2	12 AWG (12) WIRE STRIPPERS	3	
3	12 AWG (12) WIRE STRIPPERS	3	
4	12 AWG (12) WIRE STRIPPERS	3	
5	12 AWG (12) WIRE STRIPPERS	3	
6	12 AWG (12) WIRE STRIPPERS	3	
7	12 AWG (12) WIRE STRIPPERS	3	
8	12 AWG (12) WIRE STRIPPERS	3	
9	12 AWG (12) WIRE STRIPPERS	3	
10	12 AWG (12) WIRE STRIPPERS	3	
11	12 AWG (12) WIRE STRIPPERS	3	
12	12 AWG (12) WIRE STRIPPERS	3	
13	12 AWG (12) WIRE STRIPPERS	3	
14	12 AWG (12) WIRE STRIPPERS	3	
15	12 AWG (12) WIRE STRIPPERS	3	
16	12 AWG (12) WIRE STRIPPERS	3	
17	12 AWG (12) WIRE STRIPPERS	3	
18	12 AWG (12) WIRE STRIPPERS	3	
19	12 AWG (12) WIRE STRIPPERS	3	