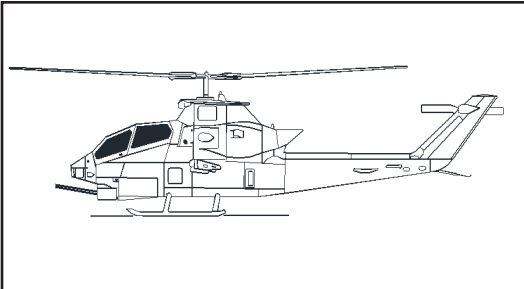


# DMC664A AIRCRAFT ELECTRICAL CONNECTOR REPAIR KIT FOR BLACKHAWK/US ARMY HELICOPTER FLEET



**DMC664A**  
**(5935-01-161-5883)**

## THE MAINTENANCE PROBLEM...

Modern aircraft 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 U.S. Army Helicopter Fleet.

**AOG TIME CONSTRAINTS.** The rapid deployment required today makes it absolutely essential that battle-damaged aircraft be returned to service in the shortest time possible. The DMC664A Connector Repair Kit was developed to facilitate the rapid repair of battle-damaged electrical connectors, supplying your staff with both the information and the tools necessary to make this type of repair to the U.S. Army Helicopter Fleet in the shortest time possible.

## THE DMC SOLUTION...

**TOOLING RESEARCH.** DMC has already researched the list of connectors for the U.S. Army Helicopter Fleet and has identified the most common tools required to maintain the electrical connectors. 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 DMC664A kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the U.S. Army Helicopter Fleet. In addition, the DMC664A kit contains stand-alone, 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 U.S. Army Helicopter to service. The DMC664A Connector Repair Kit - an indispensable component of the Army's battle-damage repair system!



Actual Kit may vary from example shown.

























**DMC664A**

**DMC** DANIELS  
MANUFACTURING  
CORPORATION

Tool kit supplied in an environmentally sealed fiberglass 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  
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# DMC664A AIRCRAFT ELECTRICAL CONNECTOR REPAIR KIT FOR BLACKHAWK/US ARMY HELICOPTER FLEET

DMC664A TOOL AND ACCESSORY LIST		
	4	Crimp Tools
	9	Turret Heads
	21	Positioners
	1	Single Position Head
	1	Universal Turret Head
	9	Die Sets
	10	Insertion Tools
	15	Removal Tools
	1	Metal Ins/Rem Tool
	39	Plastic Ins/Rem Tools
	2	Insertion Tool Set Assembly
	2	Module Removal Tool
	4	Contact gages
	3	Metal Removal Tools w/ Probes
	1	Wire Cutter
	2	Wire Stripper Handles
	6	Blade Sets
	1	In-Service Inspection Gage
	1	Die Removal Tool
	1	9/64" Hex Wrench
	3	Coaxial Cable Strippers
	1	Trim Tool Kit
	1	Jacket Trim Jig
	1	Dielectric Trim Jig
	1	Strap Wrench
	1	Soft Jaw Plier
	1	Nut Driver 1/4"
	1	Illuminated Magnifier
	1	Scale with Wire Gauge

DMC664A CONNECTOR COVERAGE	
MANUFACTURER	SERIES
MIL-C-5015	Series MS3100, MS3450
MIL-T-7928	Insulated/Uninsulated Terminals/Splices
MIL-S-12883	Relays
MIL-C-22992	Heavy Duty Connectors
MIL-C-24308	D-Subminiature Connectors
MIL-C-26482	Series I & II
MIL-C-26500	Firewall Connectors
MIL-C-28748	Rectangular Rack & Panel Connectors
MIL-C-28804	Rectangular Rack & Panel Connectors
MIL-C-38999	Series I, II, III & IV
MIL-C-55302	Wiring Boards
MIL-C-81511	Series IV
MIL-C-81703	Series I, II & III
MIL-C-81714	Terminal Junctions
MIL-C-83723	Series I, II & III
DOD Specification	AIMS Series
Airborn	WTK Series
Appleton Electronics	Relays
Bendix	Series BT-M, JT, PT & PT-CE
ITT Cannon	Series CA, CV3450, D*M, D*MA, DPX2ME, DPE, DPJM & KJL
Matrix Science	"944" Series
TRW Cinch	"300" Series
Viking	Relay Sockets (MIL-R-6106)
Winchester	"MRAC" & "XAC"
MIL-A-9177A	Audio Connector
MIL-C-39012	"N" Series RF-Coaxial "C" Series RF-Coaxial "BNC" Series RF-Coaxial "TNC" Series RF-Coaxial "SMA" Series RF-Coaxial "UG" Series Adaptors
Amphenol RF	"BNC" Series, "HN" Series, "N" Series, "SMA" Series, "DM" Series
Kings Electronics	"KA" Series, "TNC" Series RF-Coaxial, "KC" Series RF-Coaxial & "KD" Series RF-Coaxial
Raychem	"748" Series, "482" Series & "723" Series