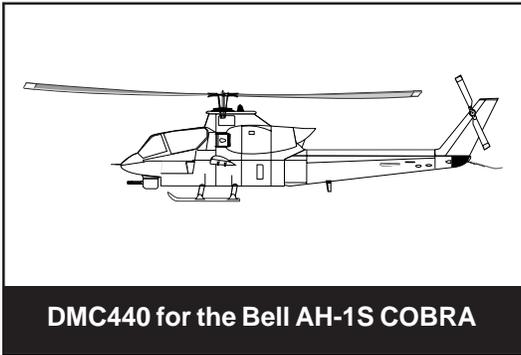


MAINTENANCE KITS

FOR ELECTRICAL CONNECTORS
AND WIRING SYSTEMS



THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Bell AH-1S, 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 Bell AH-1S.

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 due to AOG. The DMC440 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Bell AH-1S in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the wiring manual of the Bell AH-1S and has identified the most common tools required to maintain the electrical connectors in the Bell AH-1S. 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 DMC440 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the Bell AH-1S. In addition, the DMC440 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 Bell AH-1S to service.

Tool kit supplied in an environmentally sealed fiberglass case and includes:



Actual Kit may vary from example shown.

Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Tool-to-Connector Cross Reference Charts.



DANIELS MANUFACTURING CORP., 526 THORPE ROAD, ORLANDO, FL 32824, USA

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MAINTENANCE KIT FOR THE BELL AH-1S



DMC440 TOOL AND ACCESSORY LIST

	3	CRIMP TOOLS
	5	TURRET HEADS
	11	POSITIONERS
	5	METAL INSERTION TOOLS
	5	METAL REMOVAL TOOLS
	66	PLASTIC INS/REM TOOLS
	4	CONTACT GAGES
	15	UNWIRED CONTACT REMOVAL TOOLS
	11	PROBES
	7	INSERTION TWEEZERS
	7	REMOVAL TWEEZERS
	1	WIRE CUTTER
	1	IN-SERVICE INSPECTION GAGE
	1	DIE REMOVAL TOOL
	7	DIE SETS
	1	HEX WRENCH
	2	WIRE STRIPPERS

DMC440 CONNECTOR COVERAGE

MANUFACTURER	SERIES
AIRBORN	"WTK" SERIES
APPLETON ELECTRONICS	REAR RELEASE-RELAY SOCKET CONTACTS
AUTOMATIC CONNECTOR	"C" SERIES
AVDEL, INC.	"AV" SERIES
BENDIX ECD	"PT-CE" SERIES, "JT" SERIES, "BT-M" SERIES
ITT CANNON	"CV" SERIES, "DPJM" SERIES, "KJ" SERIES
GREMAR	"C" SERIES
DEUTSCH	"SE" SERIES
HUGHES	"C21" SERIES, "RK" SERIES
KINGS	"C" SERIES
MATRIX SCIENCE	"944" SERIES
TRW CINCH	"300" SERIES
E.B. WIGGINS	LANYARD COUPLING-SOLDER CONTACTS
WINCHESTER	"XAC" SERIES
MIL-C-24308	RACK AND PANEL
MIL-C-26482	SERIES 1 AND 2
MIL-C-38999	SERIES 1, 2
MIL-C-83723	SERIES 3
MIL-S-81824	ENVIRONMENTAL SPLICES
MIL-T-7928	INSULATED TERMINALS/SPLICES
MIL-C-28804	RECTANGULAR
MIL-C-5015	3450 SERIES
MIL-C-81511	SERIES 4
MIL-C-81703	SERIES 2
MIL-T-81714	TERMINAL JUNCTIONS
DEPT. OF DEFENSE	ONO89562

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	PORTABLE
NUMBER OF CASES	1
COLOR	YELLOW
TYPE OF CONSTRUCTION	FIBERGLASS/ALUMINUM
APPLICATION	BELL AH-1S
COVERAGE	AIRFRAME CONNECTORS, TERMINALS SIZE 12AWG AND SMALLER, AND 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 AFM8)

CONTENTS CHART

COMPARTMENT A

CONTENTS CHART

TOOL SELECTION CHART

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