

DMC385 WIRING SYSTEM SERVICE KIT

For the Sikorsky SH-3D, SH-3G, SH-3H

THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Sikorsky SH-3D, SH-3G, SH-3H (Sea King), 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 Sikorsky SH-3D, SH-3G, SH-3H (Sea King).



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 DMC385 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Sikorsky SH-3D, SH-3G, SH-3H (Sea King) in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the list of connectors for the Sikorsky SH-3D, SH-3G, SH-3H (Sea King) and has identified the most common tools required to maintain the electrical connectors. DMC has cross referenced tools to the connectors, contacts and terminals eliminating costly and time-consuming research which would otherwise have to be performed by your local technicians.

IMMEDIATE AVAILABILITY OF TOOLS AND TECHNICAL INFORMATION. The DMC385 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 aircraft to service. Tool kit supplied in 2 environmentally sealed fiberglass cases and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Tool Selection Charts.















DMC385

DMC DANIELS
MANUFACTURING
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DMC385 TOOL AND ACCESSORY LIST		
	7	Crimp Tools
	1	Turret Heads
	14	Positioners
	1	Single Position Heads
	10	Die Sets
	15	Metal Insertion Tools
	13	Metal Removal Tools
	46	Plastic Ins/Rem Tools
	4	Unwired Contact Removal Tools w/ Probes
	4	Wire Strippers
	1	Strap Wrench
	3	Coaxial Cable Stripper
	37	Adaptor Tool
	1	Cable Tie Tool
	3	In-Service Inspection Gage
	4	Contact gages
	1	Wire Cutter
	1	Die Removal Tool
	1	Hex Wrench
	2	T-Handle Wrench
	1	Socket Driver
	2	9/64 Hex Wrenches

DMC385 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
AS50151	3450
MIL-DTL-23329	RF Coaxial
MIL-DTL-25955	KM-MK2
MIL-DTL-26482	I & II
MIL-PRF-38999	II
MIL-DTL-39012	RF Coaxial
MIL-C-81511	III, IV
MIL-C-83723	III
MIL-C-83733	Rack and Panel
MIL-T-7928	Insulated/Non-Insulated Terminals/Splices
DoD Standard	ONO 89562
NAS1388	Insulated Splices
Amphenol RF	RF Coaxial
Amphenol-Bendix	JT, PC-SE, PT-CE, PT-SE
Bendix Microwave	RF Coaxial
Burndy	YAE
Deutsch	815, DBA, DS, TSE
Fenwall	Fire Detection Connectors
ITT Cannon	DPJM
Kings	RF Coaxial
Malco Microdot	S70
Raychem	Environmental Splices
Solitron	RF Coaxial
Ted Manufacturing	RF Coaxial

TOOL KIT CONFIGURATION	
Type of Case	Portable
Number of Cases	2
Color	Yellow
Type of Construction	Fiberglass/Aluminum
Application	Sikorsky SH-3D, SH-3G, SH-3H
Coverage	Airframe Power Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Silhouetted Tool Cavities

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.