

DMC1890 WIRING SYSTEM SERVICE KIT

For the MC-130W



THE MAINTENANCE PROBLEM...

Modern aircraft, such as the MC-130W, 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 MC-130W.

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 DMC1890 kit supplies your staff with both the information and the tools necessary to make this type of repair to the MC-130W in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the list of connectors for the MC-130W 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 DMC1890 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.



DMC1890

DMC DANIELS
MANUFACTURING
CORPORATION®

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

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DMC1890 TOOL AND ACCESSORY LIST		
	4	Crimp Tools
	8	Turret Heads
	13	Positioners
	2	Single Position Heads
	17	Metal Insertion Tools
	17	Metal Removal Tools
	1	Metal Ins/Rem Tool
	110	Plastic Ins/Rem Tools
	4	Contact gages
	2	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	4	Wire Strippers
	1	In-Service Inspection Gage
	1	Die Removal Tool
	14	Die Sets
	1	Hex Wrench
	4	Coaxial Cable Stripper

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.

DMC1890 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
MIL-C-5015	3100, 3400, 3450
MIL-C-24308	Rack and Panel
MIL-C-25955	CIRCULAR
MIL-C-26482	II
MIL-C-38999	I, II, III
MIL-C-39012	BNC, N, TNC
MIL-C-81511	III
MIL-C-81659	Rectangular Rack & Panel
MIL-C-81703	II
MIL-C-83723	I, III
MIL-S-12883	Relays
AMP-Tyco	TNC
Burndy	M22TAC
Delta Electronics	RF Coaxial
Deutsch	DS
ITT Cannon	FC3400, FH3400, MK2
Kings	RF Coaxial
Pic Wire and Cable	BNC, N, TNC
Times Microwave	TNC
Trompeter	RF Coaxial
Winchester Electronics	MRAC
WPI	ONO89560

TOOL KIT CONFIGURATION	
Type of Case	Portable
Number of Cases	2
Color	Yellow
Type of Construction	Fiberglass/Aluminum
Application	MC-130W
Coverage	Airframe Power Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities