

# **DMC1973R WIRING SYSTEM SERVICE KIT**

## **For the Agusta-Westland AW-139**



### **THE MAINTENANCE PROBLEM...**

Modern aircraft, such as the Agusta-Westland AW-139, 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 Agusta-Westland AW-139.

**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 DMC1973R kit supplies your staff with both the information and the tools necessary to make this type of repair to the Agusta-Westland AW-139 in the shortest time possible.

### **THE DMC SOLUTION...**

**TOOLING RESEARCH.** DMC has already researched the list of connectors for the Agusta-Westland AW-139 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 DMC1973R 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 1 seven-drawer, rolling cabinet and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Tool Selection Charts.



Actual Kit may vary from example shown.


















**DMC1973R**

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# DMC1973R WIRING SYSTEM SERVICE KIT

## For the Agusta-Westland AW-139

DMC1973R TOOL AND ACCESSORY LIST		
	10	Crimp Tools
	5	Turret Heads
	15	Positioners
	3	Single Position Heads
	9	Die Sets
	10	Metal Insertion Tools
	14	Metal Removal Tools
	98	Plastic Ins/Rem Tools
	4	Contact gages
	3	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	3	Wire Strippers
	1	In-Service Inspection Gage
	1	Die Removal Tool
	1	Hex Wrench
	1	Wire Harness Spoon
	4	Coaxial Cable Stripper
	2	Cable Tie Tools
	1	Cable Tie Removal Tool
	1	Ringer Stripper
	1	Cap Extraction Tool
	1	Socket Module Removal Tool
	2	Module Removal Tools
	1	Blade Pack
	1	Relay Extraction Tool

DMC1973R CONNECTOR COVERAGE	
MANUFACTURER	SERIES
MIL-DTL-24308	D-SUB
MIL-DTL-26482	II
MIL-DTL-38999	I, II, III
MIL-DTL-39012	RF Coaxial
MIL-C-5015	3450
MIL-DTL-83723	III
MIL-PRF-12883	Relay Socket
MIL-S-81824	Enviromental Splices
MIL-T-7928	Insulated/Uninsulated Terminals
AGUSTA	30-274, A596A, A616A, A660A
Amphenol Aerospace	PT-CE
Hirose	HR10
King Electronics	RF Coaxial
Leach Relays	S300
Pic Wire and Cable	RF Coaxial
Positronics Industries	DD, RD, CBC/CBD
Tyco	ARINC 600, Universal Mate-N-Lok
Vivisun	Lighted Push Button Switch

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.

TOOL KIT CONFIGURATION	
Type of Case	7-Drawer, Rolling Cabinet
Number of Cases	1
Color	Red
Type of Construction	Steel
Application	AW-139
Coverage	Airframe Power Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities