## DMC931 WIRING SYSTEM SERVICE KIT For the PIAGGIO AVANTI



## THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Piaggio Avanti, 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 Piaggio Avanti.

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 DMC931 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Piaggio Avanti in the shortest time possible.

## THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the list of connectors for the Piaggio Avanti 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.



**DMC931** 



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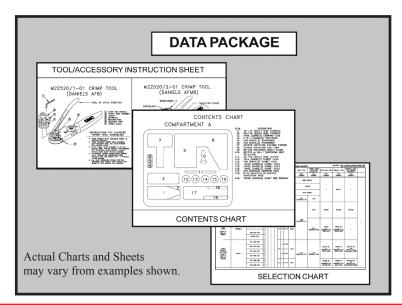
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DMC931 TOOL AND ACCESSORY LIST				
	7	Crimp Tools		
Q.	5	Positioners		
<b>6</b>	5	Turret Heads		
Silve .	6	Die Sets		
	1	Single Position Head		
	12	Metal Insertion Tools		
	15	Metal Removal Tools		
1000	80	Plastic Insertion/Rem Tools		
	4	Contact gages		
O.a.	3	Unwired Contact Removal Tools		
	10	Probes		
No.	1	Wire Cutter		
	2	Wire Strippers		
W.	1	Die Removal Tool		
	1	9/64" Hex Wrench		
	4	Coaxial Cable Strippers		
Ala .	1	In-Service Inspection Gage		

DMC931 CONNECTOR COVERAGE				
MANUFACTURER	SERIES			
AMP	HDF, HDM Series			
ITT Cannon	CA, D*MA Series			
Bendix	JT, PT Series			
Rockwell/Collins	Thin-Line, Miniature Rectangular			
MIL-C-24308	D-Subminiature			
MIL-C-26482	Series 1 and 2			
MIL-C-38999	Series 2			
MIL-C-5015	3450 Series			
MIL-C-83723	Series 3			

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/Environmental			
Number of Cases	1			
Color	Yellow			
Type of Construction	Fiberglass/Aluminum			
Application	Piaggio Avanti			
Coverage	Airframe Connectors			
	Terminals size 12 AWG and Smaller			
	Coaxial Connectors			
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities			



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