

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.

IMMEDIATE AVAILABILITY OF TOOLS AND TECHNICAL INFORMATION. The DMC931 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 an environmentally sealed fiberglass case and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Cross Reference Charts.



DMC931


















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

DMC931 WIRING SYSTEM SERVICE KIT

For the PIAGGIO AVANTI

DMC931 TOOL AND ACCESSORY LIST

	7	Crimp Tools
	5	Positioners
	5	Turret Heads
	6	Die Sets
	1	Single Position Head
	12	Metal Insertion Tools
	15	Metal Removal Tools
	80	Plastic Insertion/Rem Tools
	4	Contact gages
	3	Unwired Contact Removal Tools
	10	Probes
	1	Wire Cutter
	2	Wire Strippers
	1	Die Removal Tool
	1	9/64" Hex Wrench
	4	Coaxial Cable Strippers
	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

DATA PACKAGE

TOOL/ACCESSORY INSTRUCTION SHEET

M22520/1-01 CRIMP TOOL (DANIELS AF8)

M22520/2-01 CRIMP TOOL (DANIELS AF8B)

CONTENTS CHART

COMPARTMENT A

CONTENTS CHART

SELECTION CHART

Actual Charts and Sheets may vary from examples shown.

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