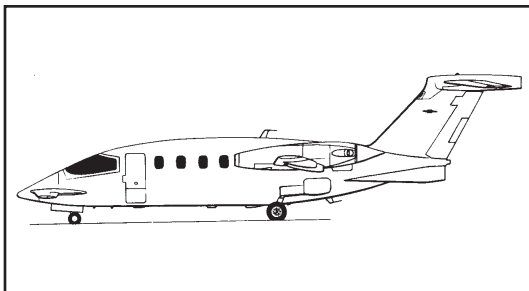


# **DMC931-1 WIRING SYSTEM SERVICE KIT**

## **For the Piaggio Avanti**



**DMC931-1  
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.

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

#### **IMMEDIATE AVAILABILITY OF TOOLS AND TECHNICAL INFORMATION.**

DMC Wiring System Service Kits provide, in a single, well organized location, the tools necessary to strip, crimp, install and remove the typical contacts and terminals of this wiring system. The DMC931-1 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 durable steel case and includes: Name Plate, Foam Pads/ Inserts, Contents Charts, Instruction Charts, and Tool Selection Charts.

**NOTICE:** Whenever possible, DMC designs its commercial kits around MIL-Spec and/or readily available commercial tools compatible with the components of the wiring system. These tools may not necessarily be the tools listed in an aircraft manufacturer's Chapter 20.



Actual Kit may vary from example shown.












**DMC931-1**

**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](http://www.dmctools.com) • E-MAIL: [DMC@dmctools.com](mailto:DMC@dmctools.com)

# DMC931-1 WIRING SYSTEM SERVICE KIT

## For the Piaggio Avanti

DMC931-1 TOOL AND ACCESSORY LIST		
	6	Crimp Tools
	4	Turret Heads
	5	Positioners
	1	Single Position Heads
	3	Die Sets
	4	Metal Insertion Tools
	7	Metal Removal Tools
	80	Plastic Ins/Rem Tools
	4	Contact gages
	3	Unwired Contact Removal Tools w/ Probes
	1	In-Service Inspection Gage
	1	Die Removal Tool
	1	Hex Wrench
	1	Wire Harness Spoon


DMC931-1 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
Amphenol	JT, PT
ITT Cannon	CA, D*MA
Rockwell Collins	Thin-Line
TE/Tyco	HDM, HDF, RFCOAX Environmental Splices
AS50151	3450
MIL-DTL-24308	D-SUB
MIL-DTL-26482	I & II
MIL-PRF-38999	II
MIL-PRF-39012	BNC, TNC
MIL-DTL-83723	III

TOOL KIT CONFIGURATION	
Type of Case	Portable
Number of Cases	1
Color	Gray
Type of Construction	Steel
Application	Piaggio Avanti
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.

### DATA PACKAGE

**TOOL/ACCESSORY INSTRUCTION SHEET**

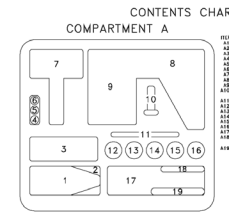


**M22520/1-01 CRIMP TOOL (DANIELS AF8)**

**M22520/2-01 CRIMP TOOL (DANIELS AFWB)**

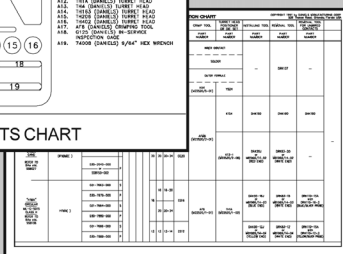
**CONTENTS CHART**

COMPARTMENT A



**CONTENTS CHART**

Actual Charts and Sheets may vary from examples shown.



**SELECTION CHART**