



### BAE JETSTREAM 31/32/41

The BAE Jetstream 31/32/41 are manufactured by British Aerospace. The BAE Jetstream 31/32/41 are designed for many diverse demands that require complex electrical wiring systems containing many different connectors, contacts and terminals. Proper maintenance and repair of these electrical systems require precision tools. To protect your investment, DMC offers a comprehensive maintenance kit to service the wiring systems of these aircraft.

### DMC1126 MAINTENANCE KIT

The **DMC1126** BAE Jetstream 31/32/41 Wiring System Service Kit provides a turn-key solution and the tools necessary to strip, crimp, install and remove the typical contacts and terminals of this wiring system. The **DMC1126** kit includes the tool to application cross-reference information that indicates the particular tool(s) that should be selected to repair a specific connector, contact, or terminal. The kit also contains illustrated operating instructions for the designated tooling.

### COMPREHENSIVE SOLUTION FOR MAINTENANCE AND REPAIR

DMC believes in providing a comprehensive, turn-key solution for electrical wire maintenance and repair. 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 one environmentally sealed case and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Sheets, and Tool Selection Charts.

TOOL SELECTION CHART											
VENDOR (CODE)	CONNECTOR	CONTACT	SOLENOID	CRIMP TOOL	TURRET HEAD POSITIONING	INSTALLING TOOL	REMOVAL TOOL	REMOVAL TOOL FOR REMOVED CONTACTS	REMOVAL TOOL FOR REMOVED CONTACTS	REMOVAL TOOL FOR REMOVED CONTACTS	REMOVAL TOOL FOR REMOVED CONTACTS
CONTRACT NUMBER	CONTRACT NUMBER	CONTRACT NUMBER	CONTRACT NUMBER	CONTRACT NUMBER	CONTRACT NUMBER	CONTRACT NUMBER	CONTRACT NUMBER	CONTRACT NUMBER	CONTRACT NUMBER	CONTRACT NUMBER	CONTRACT NUMBER
M22520/1-01	M22520/1-01	M22520/1-01	M22520/1-01	M22520/1-01	M22520/1-01	M22520/1-01	M22520/1-01	M22520/1-01	M22520/1-01	M22520/1-01	M22520/1-01
M22520/2-01	M22520/2-01	M22520/2-01	M22520/2-01	M22520/2-01	M22520/2-01	M22520/2-01	M22520/2-01	M22520/2-01	M22520/2-01	M22520/2-01	M22520/2-01

### Tool Selection Charts

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

**INSTRUCTIONS FOR CHANGING TURRET HEAD ASSEMBLIES**

- PRESS TURRET HEAD RELEASE TURRET TO LOCKED POSITION.
- REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
- REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
- REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
- REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.

**INSTRUCTIONS FOR CHANGING POSITIONERS**

- SELECT CORRECT POSITIONER FOR CONTACT BEND CRIMP.
- INSERT POSITIONER INTO POSITIONER LOCK PLATE HOLE.
- USE INDEX MARK TO SET POSITIONER FOR THE WIRE SIZE.
- IF THE POSITIONER IS NOT SET CORRECTLY, REMOVE IT FROM THE DATAPLATE ON THE END OF POSITIONER IN STEP 2.
- IF THE POSITIONER IS NOT SET CORRECTLY, REMOVE IT FROM THE DATAPLATE ON THE END OF POSITIONER IN STEP 2.
- IF THE POSITIONER IS NOT SET CORRECTLY, REMOVE IT FROM THE DATAPLATE ON THE END OF POSITIONER IN STEP 2.

**CRIMPING INSTRUCTIONS**

- INSERT CONTACT THROUGH POSITIONER HOLES AND INTO POSITIONER.
- INSERT WIRE INTO CONTACT AND HOLD SECURELY.
- CRIMP WIRE TO CONTACT USING CRIMP TOOL.
- REMOVE CONTACT FROM POSITIONER.
- REMOVE CONTACT FROM POSITIONER.
- REMOVE CONTACT FROM POSITIONER.

#### M22520/2-01 CRIMP TOOL (DANIELS AFM8)

**INSTRUCTIONS FOR CHANGING TURRET HEAD ASSEMBLIES**

- PRESS TURRET HEAD RELEASE TURRET TO LOCKED POSITION.
- REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
- REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
- REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
- REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.

**INSTRUCTIONS FOR CHANGING POSITIONERS**

- SELECT CORRECT POSITIONER FOR CONTACT BEND CRIMP.
- INSERT POSITIONER INTO POSITIONER LOCK PLATE HOLE.
- USE INDEX MARK TO SET POSITIONER FOR THE WIRE SIZE.
- IF THE POSITIONER IS NOT SET CORRECTLY, REMOVE IT FROM THE DATAPLATE ON THE END OF POSITIONER IN STEP 2.
- IF THE POSITIONER IS NOT SET CORRECTLY, REMOVE IT FROM THE DATAPLATE ON THE END OF POSITIONER IN STEP 2.
- IF THE POSITIONER IS NOT SET CORRECTLY, REMOVE IT FROM THE DATAPLATE ON THE END OF POSITIONER IN STEP 2.

**CRIMPING INSTRUCTIONS**

- INSERT CONTACT THROUGH POSITIONER HOLES AND INTO POSITIONER.
- INSERT WIRE INTO CONTACT AND HOLD SECURELY.
- CRIMP WIRE TO CONTACT USING CRIMP TOOL.
- REMOVE CONTACT FROM POSITIONER.
- REMOVE CONTACT FROM POSITIONER.
- REMOVE CONTACT FROM POSITIONER.

### Instruction Sheets



Actual Kit may vary from example shown.

# DMC1126

## BAE Jetstream 31/32/41 Kit

**Coverage:** Airframe Power Connectors, Terminals size 12 AWG and Smaller, Coaxial Connectors

**Type of Inserts:** Unicellular Polyethylene Foam with Die Cut Tool Cavities

**Type of Construction:** 1 Fiberglass/Aluminum Case



DMC CONNECTOR COVERAGE	
MANUFACTURER	SERIES
MIL-T-7928	Insulated Terminals/Splices
MS20659	Uninsulated Terminals
Amphenol	62GB, 162GB, 602GB, 48, SG, TVS
AirLB	Terminal Junctions
Deutsch	AFD, DM, RR, 99, 983
ITT Cannon	CA, D*MA, DPXMA, HTMAS, KPT, KPSE, PVX, PV, KJ, KJA, KJL
Matrix Science	981, 994, MB91, MB92, MT93, MT3
Pic Wire and Cable	RF Coaxial
Positronics	DD, MD
Pyle-National	T3, ZZ
Souriau	851, 892, 8526, 8LT
Thorn-EMI	PT-SE
Tri-Star	ARINC600
Trompeter	RF Coaxial
Tyco	CPC
Raychem	Environmental Splices

KIT CONTENTS	
7	Crimp Tools
6	Turret Heads
12	Positioners
2	Single Position Heads
2	Die Sets
18	Metal Insertion Tools
17	Metal Removal Tools
90	Plastic Insertion/Removal Tools
4	Contact Gages
2	Unwired Contact Removal Tools w/ Probes
2	Wire Strippers
2	In-Service Inspection Gages
1	Die Removal Tool
1	Hex Wrench

### Refurbishment Services

To ensure the longevity of your investment, DMC offers kit refurbishment and calibration services. Contact DMC for details.

**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 at the time of design. 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.