

DMC769 WIRING SYSTEM SERVICE KIT

For the BOEING 737



THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Boeing 737, 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 Boeing 737.

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 DMC769 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Boeing 737 in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the list of connectors for the Boeing 737 and has identified the most common tools required to maintain the electrical connectors in the Boeing 737. 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 DMC769 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the Boeing 737. In addition, the kit also contains illustrated operating instructions for the required tooling.

ALL IN ONE. Since all of 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 Boeing 737 to service. Tool kit supplied in an environmentally sealed fiberglass case and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Charts, and Tool Selection Charts.



Actual Kit may vary from example shown.

















DMC769

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

DMC769 WIRING SYSTEM SERVICE KIT

For the BOEING 737

DMC769 TOOL AND ACCESSORY LIST		
	4	Crimp Tools
	8	Positioners
	3	Turret Heads
	16	Die Sets
	1	Single Position Head
	1	Hex Wrench
	1	In-Service Inspection Gage
	12	Insertion Tools
	14	Removal Tools
	48	Plastic Ins/Rem Tools
	4	Contact gages
	2	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	3	Wire Strippers
	1	Die Removal Tool
	1	Firewall Connector Wrench


DMC769 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
AMP	AMP-TAB, AD/AM
Amphenol Aerospace/ Bendix	48, (MIL-C-26500), Special Wire Splice, 84 Series BNC Series, PT, PT-SE, Pygmy Series
Burndy	Smooth Bantam, L Series
Deutsch	DS Series
Fenwal	Fire Detector Connectors
Transtech Corp.	FC3400 Series (MIL-C-5015), 3400 Series
ITT Cannon	BJA Series, D*MA Series, DPAMA, DPD, DPD*MB, DPE, DPX*MA, FRF, XLR
Kings Electronics	KD, KN, KC Series, BNC Type, N, C
Matrix Science	MT Series, Specials, TT30K, MIL- CL83723 Series III
Pyle National	Firewall Connectors
Souriau	S600 (ARINC 600)
Switchcraft	2J
Cinch Connector	Nuline Connectors C48 Series, CN0967 Series, C0909A Series
Walter Kidde	Fire Detection Connectors
MIL-C-26482	Series 1
MIL-C-26500	Circular
MIL-S-81824	Environmental Splices
MIL-T-7928	Type II Class I Size 12-10 AWG and Smaller
Military Standard	MS/AN

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
Number of Cases	1
Color	Yellow
Type of Construction	Fiberglass/Aluminum
Application	Boeing 737
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

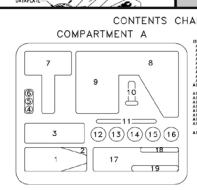


M22520/1-01 CRIMP TOOL (DANIELS AF8)

M22520/2-01 CRIMP TOOL (DANIELS AFMB)

CONTENTS CHART

COMPARTMENT A



CONTENTS CHART

SELECTION CHART

CONNECTOR	TOOL	POSITIONER	INS/REM	WIRE CUTTER	WIRE STRIPPER	CONTACT GAGE	UNWIRED CONTACT REMOVAL TOOL	IN-SERVICE INSPECTION GAGE	DIE SET	SINGLE POSITION HEAD	HEX WRENCH	WIRE CUTTER	WIRE STRIPPER	DIE REMOVAL TOOL	FIREWALL CONNECTOR WRENCH
AMP	M22520/1-01														
Amphenol Aerospace/Bendix	M22520/1-01														
Burndy	M22520/1-01														
Deutsch	M22520/1-01														
Fenwal	M22520/1-01														
Transtech Corp.	M22520/1-01														
ITT Cannon	M22520/1-01														
Kings Electronics	M22520/1-01														
Matrix Science	M22520/1-01														
Pyle National	M22520/1-01														
Souriau	M22520/1-01														
Switchcraft	M22520/1-01														
Cinch Connector	M22520/1-01														
Walter Kidde	M22520/1-01														
MIL-C-26482	M22520/1-01														
MIL-C-26500	M22520/1-01														
MIL-S-81824	M22520/1-01														
MIL-T-7928	M22520/1-01														
Military Standard	M22520/1-01														

Actual Charts and Sheets may vary from examples shown.

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

COPYRIGHT © 2002 Daniels Manufacturing Corp. ALL RIGHTS RESERVED

Rev. B 07/02 DMC769-SL