



## DMC1264 Boeing 737 NG Kit NSN# 5180-01-509-5800

### BOEING 737 NEXT GENERATION 737-600/-700/-800/-900/BBJ

The Boeing 737 NG is a narrow-body aircraft powered by two engines with seating for between 108 and 215 passengers. The Boeing 737 NG is 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 requires precision tools. To protect your investment, DMC offers a comprehensive maintenance kit to service the wiring systems of the Boeing 737 NG.

### DMC1264 MAINTENANCE KIT

The **DMC1264** Boeing 737 NG 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 **DMC1264** 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. In addition, 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 two environmentally sealed cases and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Sheets, and Tool Selection Charts.

TOOL SELECTION CHART											
CONNECTOR SERIES AND TYPE	CONNECTOR PART NUMBER	CONTACT PART NUMBER	CONTACT COLOR BAND	CONTACT SIZE	CRIMP TOOL PART NUMBER	TURRET HEAD POSITIONER PART NUMBER	INSTALLING TOOL PART NUMBER	REMOVAL TOOL PART NUMBER	REMOVAL TOOL PART NUMBER	REMOVAL TOOL PART NUMBER	REMOVAL TOOL PART NUMBER
MC-1264-3442 SERIES 1 CIRCULAR FRONT RELEASE CONTACTS	M2370RT-1	M23029/21-140	P	RED	20-24	0020	AF8 (M22520/1-01)	70A (M22520/1-01)	DAK20 (M22520/1-01)	DRK20 (M22520/1-01)	DRK20 (M22520/1-01)
		M23029/22-259	P	RED	20-24	0020	AF8 (M22520/1-01)	70A (M22520/1-01)	DAK20 (M22520/1-01)	DRK20 (M22520/1-01)	DRK20 (M22520/1-01)
		M23029/21-228	P	RED	18-20	0018	AF8 (M22520/1-01)	70A (M22520/1-01)	DAK20 (M22520/1-01)	DRK20 (M22520/1-01)	DRK20 (M22520/1-01)
		M23029/22-247	P	RED	18-20	0018	AF8 (M22520/1-01)	70A (M22520/1-01)	DAK20 (M22520/1-01)	DRK20 (M22520/1-01)	DRK20 (M22520/1-01)
MC-1264-3442 SERIES 1 CIRCULAR REAR RELEASE CONTACTS	M2370RT-1	M23029/21-224	P	RED	12-14	0012	AF8 (M22520/1-01)	70A (M22520/1-01)	DAK20 (M22520/1-01)	DRK20 (M22520/1-01)	DRK20 (M22520/1-01)
		M23029/22-253	P	RED	12-14	0012	AF8 (M22520/1-01)	70A (M22520/1-01)	DAK20 (M22520/1-01)	DRK20 (M22520/1-01)	DRK20 (M22520/1-01)
		M23029/21-115	S	BROWN	20-24	0020	AF8 (M22520/1-01)	70A (M22520/1-01)	DAK20 (M22520/1-01)	DRK20 (M22520/1-01)	DRK20 (M22520/1-01)
		M23029/21-116	S	BROWN	18-20	0018	AF8 (M22520/1-01)	70A (M22520/1-01)	DAK20 (M22520/1-01)	DRK20 (M22520/1-01)	DRK20 (M22520/1-01)
MC-1264-3442 SERIES 1 CIRCULAR REAR RELEASE CONTACTS	M2370RT-1	M23029/21-118	S	BROWN	12-14	0012	AF8 (M22520/1-01)	70A (M22520/1-01)	DAK20 (M22520/1-01)	DRK20 (M22520/1-01)	DRK20 (M22520/1-01)
		M23029/21-113	S	BROWN	12-14	0012	AF8 (M22520/1-01)	70A (M22520/1-01)	DAK20 (M22520/1-01)	DRK20 (M22520/1-01)	DRK20 (M22520/1-01)
MC-1264-3442 SERIES 2 CIRCULAR REAR RELEASE CONTACTS	M2370RT-1	M22743-22	P	BROWN	22-26	0022	AF8 (M22520/1-01)	70A (M22520/1-01)	DAK20 (M22520/1-01)	DRK20 (M22520/1-01)	DRK20 (M22520/1-01)
		M22749-22	P	BROWN	22-26	0022	AF8 (M22520/1-01)	70A (M22520/1-01)	DAK20 (M22520/1-01)	DRK20 (M22520/1-01)	DRK20 (M22520/1-01)
MC-1264-3442 SERIES 2 CIRCULAR REAR RELEASE CONTACTS	M2370RT-1	M22743-22	P	BROWN	22-26	0022	AF8 (M22520/1-01)	70A (M22520/1-01)	DAK20 (M22520/1-01)	DRK20 (M22520/1-01)	DRK20 (M22520/1-01)
		M22749-22	P	BROWN	22-26	0022	AF8 (M22520/1-01)	70A (M22520/1-01)	DAK20 (M22520/1-01)	DRK20 (M22520/1-01)	DRK20 (M22520/1-01)
MC-1264-3442 SERIES 2 CIRCULAR REAR RELEASE CONTACTS	M2370RT-1	M22743-22	P	BROWN	22-26	0022	AF8 (M22520/1-01)	70A (M22520/1-01)	DAK20 (M22520/1-01)	DRK20 (M22520/1-01)	DRK20 (M22520/1-01)
		M22749-22	P	BROWN	22-26	0022	AF8 (M22520/1-01)	70A (M22520/1-01)	DAK20 (M22520/1-01)	DRK20 (M22520/1-01)	DRK20 (M22520/1-01)
MC-1264-3442 SERIES 2 CIRCULAR REAR RELEASE CONTACTS	M2370RT-1	M22743-22	P	BROWN	22-26	0022	AF8 (M22520/1-01)	70A (M22520/1-01)	DAK20 (M22520/1-01)	DRK20 (M22520/1-01)	DRK20 (M22520/1-01)
		M22749-22	P	BROWN	22-26	0022	AF8 (M22520/1-01)	70A (M22520/1-01)	DAK20 (M22520/1-01)	DRK20 (M22520/1-01)	DRK20 (M22520/1-01)



### Tool Selection Charts

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

**INSTRUCTIONS FOR CHANGING TURRET HEAD ASSEMBLIES**

1. PRESS TURRET HEAD RELEASE TAP TO LOCK TURRET HEAD ASSEMBLY.
2. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
3. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
4. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
5. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
6. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
7. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
8. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
9. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
10. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.

**INSTRUCTIONS FOR INDEXING TURRET HEAD ASSEMBLIES**

1. PRESS TURRET HEAD RELEASE TAP TO LOCK TURRET HEAD ASSEMBLY.
2. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
3. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
4. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
5. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
6. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
7. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
8. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
9. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
10. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.

**INSTRUCTIONS FOR INDEXING INDENTER CLOSURE SELECTOR**

1. PRESS TURRET HEAD RELEASE TAP TO LOCK TURRET HEAD ASSEMBLY.
2. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
3. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
4. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
5. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
6. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
7. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
8. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
9. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.
10. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL.

#### M22520/2-01 CRIMP TOOL (DANIELS AF8)

**INSTRUCTIONS FOR CHANGING POSITIONS**

1. SELECT CONTACT POSITION FOR CONTACT BEND OR STRIP.
2. REMOVE CONTACT POSITIONER FROM CRIMP TOOL.
3. REMOVE CONTACT POSITIONER FROM CRIMP TOOL.
4. REMOVE CONTACT POSITIONER FROM CRIMP TOOL.
5. REMOVE CONTACT POSITIONER FROM CRIMP TOOL.
6. REMOVE CONTACT POSITIONER FROM CRIMP TOOL.
7. REMOVE CONTACT POSITIONER FROM CRIMP TOOL.
8. REMOVE CONTACT POSITIONER FROM CRIMP TOOL.
9. REMOVE CONTACT POSITIONER FROM CRIMP TOOL.
10. REMOVE CONTACT POSITIONER FROM CRIMP TOOL.

**CRIMPING INSTRUCTIONS**

1. INSERT CONTACT THROUGH INDENTER OPENING AND INTO CRIMP TOOL.
2. INSERT WIRE INTO CONTACT AND HOLD SECURELY TO POSITION.
3. PRESS TURRET HEAD ASSEMBLY TO CRIMP CONTACT.
4. RELEASE HANDLES AND REMOVE CRIMPED CONTACT.

**NOTE:** AFTER CRIMPING CYCLE IS COMPLETED, REMOVE CONTACT. DANGERS: THE WIRE IS VISIBLE THROUGH THE INSPECTION HOLE OF THE CONTACT AND THERE ARE NO FRACTURES IN THE CONTACT.

### Instruction Sheets

Actual Kit may vary from example shown.

# DMC1264

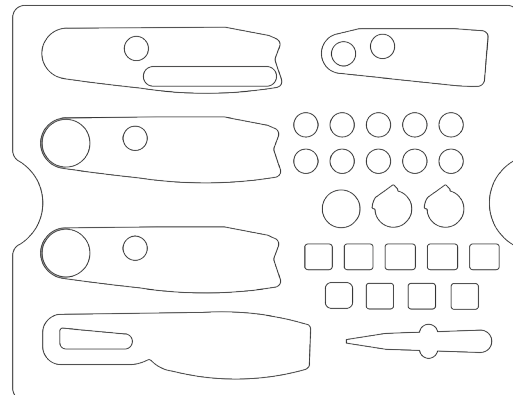
Boeing 737 NG 737-600/-700/-800/-900/BBJ



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

**Type of Inserts:** Unicellular Polyethylene Foam with Silhouetted Tool Cavities

**Type of Construction:** 2 Yellow Fiberglass/Aluminum Cases



DMC CONNECTOR COVERAGE	
MANUFACTURER	SERIES
AMP	Mate-N-Lock, AMP-Tab, DB Series
Amphenol Aerospace	48-7190/48-7191 Removable Splices, PT-SE Series
Ariz. Int. Electronics	AMC, ATM Series
Boeing	BACC45FT/BACC45FN, BACC63, BACC66, S280W551, BACS16A, BACS16W, S280557, BACT12AC, BACT12C, S280W601, 10-60450 Series
Burndy	MB12 Series
Fenwal	Fire Detection Connectors
ITT Cannon	DPAMA, DPX*MA/DPX*MB, DPD Series
Kings Electronics	RF Coaxial
Leach	Relays
Radiall	DSXN Series
Raychem/Cinch	MTCP/ACIS Series
Rosemount	00855 Series
MIL-DTL-26482	Series 1 & 2
MIL-DTL-38999	Series 2
AS50151	3450 Series

KIT CONTENTS	
7	Crimp Tools
3	Turret Heads
13	Positioners
3	Single Position Heads
1	Universal Turret Head
1	Universal Positioner
18	Die Sets
10	Metal Insertion Tools
13	Metal Removal Tools
125	Plastic Insertion/Removal Tools
4	Contact Gages
3	Unwired Contact Removal Tools w/ Probes
1	Wire Cutter
2	In-Service Inspection Gages
1	Die Removal Tool
1	Hex Wrench
4	Coaxial Cable Strippers
2	Cable Tie Tools
15	Trim Jigs
1	Thermal Wire Stripper
1	X-Acto Knife

## 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.