

DMC2155 WIRING SYSTEM SERVICE KIT

For the BOEING KC-46A



THE MAINTENANCE PROBLEM...

Modern aircraft, such as the KC-46A, 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 DMC2155 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 one 12-Drawer Rollaround Cabinet 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.

DMC2155





















DMC **DANIELS**
MANUFACTURING
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For the BOEING KC-46A

DMC2155 TOOL AND ACCESSORY LIST

	17	Crimp Tools (Manual)
	2	Turret Heads
	19	Positioners
	2	Single Position Heads
	15	Die Sets
	18	Metal Insertion Tools
	15	Metal Removal Tools
	61	Plastic Ins/Rem Tools
	4	Contact gages
	3	Unwired Contact Removal Tools w/ Probes
	1	Wire Cutter
	14	Wire Strippers
	3	In-Service Inspection Gages
	1	Die Removal Tool
	1	Hex Wrench
	2	Wire Harness Spoons
	2	T-Handle Wrenches
	3	Strap Wrenches
	4	Ringer Wire Strippers
	11	Spare Ringer Blades
	63	Adaptor Tool
	2	Hydraulic Crimp Tools
	1	Hydraulic Pump
	10	Hydraulic Tool Die Sets
	1	Large Gage Crimping Tool
	2	Die Assemblies
	2	Locators
	2	Banding Tools
	2	Banding Tool gages
	40	Bands
	1	Soft Jaw Plier
	1	Cable Tie Tool
	1	Cable Tie Removal Tool

DMC2155 CONNECTOR COVERAGE

MANUFACTURER	SERIES
MIL-C-12883	Relay Sockets
MIL-DTL-24308	D-SUB
MIL-DTL-38999	Circular
MIL-DTL-26500	Circular
MIL-DTL-39012	RF Coaxial
MIL-C-5015	Circular
MIL-DTL-81511	Circular
MIL-DTL-81659	Rack & Panel
MIL-DTL-83723	Circular
MS-9177	Telephone Jack
Aerospace Optics	Lighted Push Button Switches
Amphenol	Relay Sockets, Rack & Panel, CTV, PT-CE, TV
Amphenol RF	RF Coaxial
Array	Galley Connectors
Boeing Standards	BACC45, BACC63, BACC64, BACC65, BACS16, BACS52, BACT12, BACT13
Burndy	RF Coaxial, YAV Lugs
Glenair	Mighty Mouse
Hi-REL	Circular
ITT Cannon	BKA*, CA-Bayonet, DPX, KJA
Kidde	Fire Detection Connectors
Radiall	EPX Modular
Souriau	Circular
TE	Ultra-Fast, D-150, Mini Seal DK-621

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.

TOOL KIT CONFIGURATION

Type of Case	12-Drawer Cabinet
Color	Red
Type of Construction	Steel
Application	KC-46A Pegasus
Coverage	Airframe Power Connectors
	Terminals size 0 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Silhouetted Tool Cavities