

DMC1724 (PA1302) WIRING SYSTEM SERVICE KIT For The Challenger 605 (CL-605) & 650 (CL-650)



THE MAINTENANCE PROBLEM...

Modern aircraft, such as the Challenger 605/650, 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 Challenger 605/650.

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 DMC1724 kit supplies your staff with both the information and the tools necessary to make this type of repair to the Challenger 605/650 in the shortest time possible.

THE DMC SOLUTION...

TOOLING RESEARCH. DMC has already researched the list of connectors for the Challenger 605/650 and has identified the most common tools required to maintain the electrical connectors in the above series of planes. DMC has cross referenced these tools to the connectors, contacts and terminals, eliminating costly and time-consuming research which would otherwise have to be performed by your electrical technicians.

IMMEDIATE AVAILABILITY OF TOOLS AND TECHNICAL INFORMATION. The DMC1724 kit contains all of the tooling to connector, contact and terminal cross reference information needed to support the Challenger 605/650. In addition, the DMC1724 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 Learjet 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.


















DMC1724

DMC DANIELS
MANUFACTURING
CORPORATION®

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DMC1724 (PA1302) WIRING SYSTEM SERVICE KIT

For The Challenger 605 (CL-605) & 650 (CL-650)

DMC1724 TOOL AND ACCESSORY LIST		
	7	Crimp Tools
	3	Turret Heads
	16	Positioners
	2	Single Position Heads
	14	Die Sets
	13	Metal Insertion Tools
	17	Metal Removal Tools
	103	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 Cutter
	2	Wire Strippers


DMC1724 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
AMP	"RM", "ARINC 600" Series
Amphenol	"PT", "48" Series, Terminal Junctions
Army/Navy Standards	AN3115-1
ECS	"C", "TNC" Series
ITT Cannon	"BKAE", "DCMA", "DPX" Series
Kidde Aerospace	Fire Detection Connectors
Kings Electronics	"C", "N", "TNC" "B" Series
Positronic	"DD", "RD" Series
Raychem	Splices
Rockwell Collins	Thin Line
Souriau	"851" Series
MIL-C-5015	"3450" Series
MIL-C-24308	Rack & Panel
MIL-C-26482	Series 1 & 2
MIL-C-26500	Circular
MIL-C-39012	BNC, TNC Series
MIL-C-38999	Series 1, 2, & 3
MIL-C-81659	Series 2
MIL-C-81703	Series 2
MIL-C-83723	Series 3
MIL-S-12883	Relay Sockets

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 with Tray
Color	Yellow
Type of Construction	Fiberglass/Aluminum
Application	Challenger 605/650
Coverage	Airframe Power Connectors
	Terminals size 12 AWG and Smaller
	Coaxial Connectors
Type of Inserts	Unicellular Polyethylene Foam with Die Cut Tool Cavities

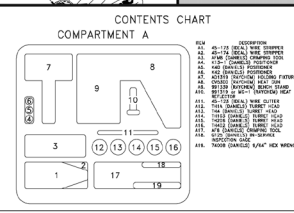
DATA PACKAGE

TOOL/ACCESSORY INSTRUCTION SHEET



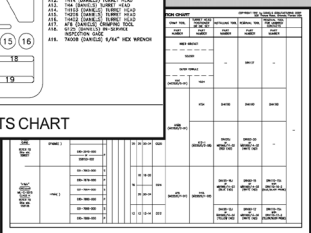
M22520/1-01 CRIMP TOOL (DANIELS AFB)

CONTENTS CHART



COMPARTMENT A

SELECTION CHART



Actual Charts and Sheets may vary from examples shown.