

DMC1565 WIRING SYSTEM SERVICE KIT

For the RQ-8A FIRE SCOUT



THE MAINTENANCE PROBLEM...

Modern UAVs, such as the RQ-8A, 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 DMC1565 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 1 environmentally sealed fiberglass case 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.

DMC1565













DMC DANIELS
MANUFACTURING
CORPORATION[®]

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For the RQ-8A FIRE SCOUT

DMC1565 TOOL AND ACCESSORY LIST

| | | |
|---|---|---|
|  | 5 | Crimp Tools |
|  | 1 | Turret Head |
|  | 7 | Positioners |
|  | 2 | Single Position Heads |
|  | 5 | Metal Insertion Tools |
|  | 6 | Metal Removal Tools |
|  | 3 | Plastic Ins/Rem Tools |
|  | 2 | Unwired Contact Removal Tools w/ Probes |
|  | 1 | Die Removal Tool |
|  | 1 | Die Sets |
|  | 1 | Hex Wrench |
|  | 1 | Wire Harness Spoon |

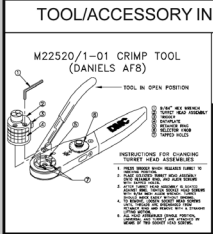
NOTICE: Unless otherwise stated by DMC; tools contained in this kit have been selected based upon their suitability to service the related connector or contact indicated. Military Standard tools have been utilized wherever possible. These tools are not necessarily the production tools used to manufacture 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.

DMC1565 CONNECTOR COVERAGE

| MANUFACTURER | SERIES |
|--------------|------------|
| MIL-C-38999 | I, II, III |

DATA PACKAGE

TOOL/ACCESSORY INSTRUCTION SHEET

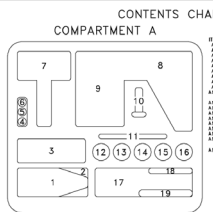


M22520/1-01 CRIMP TOOL (DANIELS AF8)

M22520/2-01 CRIMP TOOL (DANIELS AFM8)

CONTENTS CHART

COMPARTMENT A



CONTENTS CHART

SELECTION CHART

| ITEM | DESCRIPTION | QTY | UNIT |
|------|---------------------------|-----|------|
| A11 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A12 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A13 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A14 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A15 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A16 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A17 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A18 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A19 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A20 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A21 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A22 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A23 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A24 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A25 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A26 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A27 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A28 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A29 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A30 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A31 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A32 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A33 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A34 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A35 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A36 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A37 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A38 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A39 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A40 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A41 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A42 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A43 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A44 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A45 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A46 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A47 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A48 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A49 | 12-12 (12) WIRE STRIPPERS | 5 | EA |
| A50 | 12-12 (12) WIRE STRIPPERS | 5 | EA |

TOOL KIT CONFIGURATION

| | |
|----------------------|--|
| Type of Case | Portable |
| Number of Cases | 1 |
| Color | Black |
| Type of Construction | Polyethylene |
| Application | RQ-8A Fire Scout |
| Coverage | Airframe Power Connectors |
| | Terminals size 12 AWG and Smaller |
| | Coaxial Connectors |
| Type of Inserts | Unicellular Polyethylene Foam with Die Cut Tool Cavities |

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