

DMC2061-REVB

General Atomics MQ-9 Reaper Kit



GENERAL ATOMICS MQ-9 REAPER

The MQ-9 Reaper is an Unmanned Aerial Vehicle (UAV) developed by General Atomics Aeronautical Systems. The MQ-9 Reaper is designed for long-endurance, high-altitude surveillance and requires complex electrical wiring systems containing many different connectors, contacts and terminals. Proper maintenance and repair of these electrical systems require precision tools. To protect your investment, DMC offers a comprehensive maintenance kit to service the wiring systems of the MQ-9 Reaper.

DMC2061-REVB MAINTENANCE KIT

The **DMC2061-REVB** MQ-9 Reaper 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 **DMC2061-REVB** 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. The kit also contains operating instructions for the designated tooling.

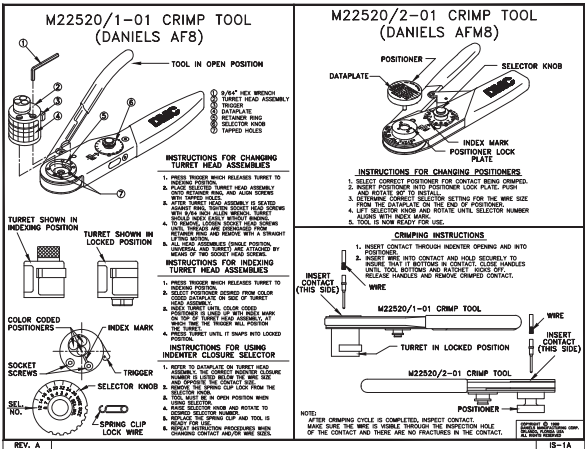
COMPREHENSIVE SOLUTION FOR MAINTENANCE AND REPAIR

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											
SENSOR (2062) CONNECTOR SERIES AND TYPE	CONNECTOR PART NUMBER	CONTACT PART NUMBER	CONTACT COLOR BANDS	CONTACT SIZE	CRIMP TOOL PART NUMBER	TURRET HEAD POSITIONER OR AIR SEC. PART NUMBER	INSTALLING TOOL PART NUMBER	REMOVAL TOOL PART NUMBER	REMOVAL TOOL FOR REMOVED CONTACTS		
CIRCULAR FRONT RELEASE CONTACTS	M22061-1	M22061/21-140	P RED	14-140	0200	AF8 (M22050/1-01)	TA8A (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)
		M22061/22-259	P RED	22-259	0200	AF8 (M22050/1-01)	TA8A (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)
		M22061/21-228	P RED	21-228	0200	AF8 (M22050/1-01)	TA8A (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)
		M22061/22-247	P RED	22-247	0200	AF8 (M22050/1-01)	TA8A (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)
		M22061/22-254	P RED	22-254	0200	AF8 (M22050/1-01)	TA8A (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)
CIRCULAR REAR RELEASE CONTACTS	M22061-2	M22061/22-253	P RED	22-253	0200	AF8 (M22050/1-01)	TA8A (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)
		M22061/21-115	P RED	21-115	0200	AF8 (M22050/1-01)	TA8A (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)
		M22061/21-110	P RED	21-110	0200	AF8 (M22050/1-01)	TA8A (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)
		M22061/21-116	P RED	21-116	0200	AF8 (M22050/1-01)	TA8A (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)
		M22061/21-111	P RED	21-111	0200	AF8 (M22050/1-01)	TA8A (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)
CIRCULAR REAR RELEASE CONTACTS	M22061-3	M22061/21-118	P RED	21-118	0200	AF8 (M22050/1-01)	TA8A (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)
		M22061/21-113	P RED	21-113	0200	AF8 (M22050/1-01)	TA8A (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)
		M22061/21-112	P RED	21-112	0200	AF8 (M22050/1-01)	TA8A (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)
		M22061/21-114	P RED	21-114	0200	AF8 (M22050/1-01)	TA8A (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)
		M22061/21-115	P RED	21-115	0200	AF8 (M22050/1-01)	TA8A (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)
CIRCULAR REAR RELEASE CONTACTS	M22061-4	M22061/21-117	P RED	21-117	0200	AF8 (M22050/1-01)	TA8A (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)
		M22061/21-119	P RED	21-119	0200	AF8 (M22050/1-01)	TA8A (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)
		M22061/21-120	P RED	21-120	0200	AF8 (M22050/1-01)	TA8A (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)
		M22061/21-121	P RED	21-121	0200	AF8 (M22050/1-01)	TA8A (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)
		M22061/21-122	P RED	21-122	0200	AF8 (M22050/1-01)	TA8A (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)
CIRCULAR REAR RELEASE CONTACTS	M22061-5	M22061/21-123	P RED	21-123	0200	AF8 (M22050/1-01)	TA8A (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)
		M22061/21-124	P RED	21-124	0200	AF8 (M22050/1-01)	TA8A (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)
		M22061/21-125	P RED	21-125	0200	AF8 (M22050/1-01)	TA8A (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)
		M22061/21-126	P RED	21-126	0200	AF8 (M22050/1-01)	TA8A (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)
		M22061/21-127	P RED	21-127	0200	AF8 (M22050/1-01)	TA8A (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)	DA6208 (M22050/1-01)



Tool Selection Charts



Instruction Sheets

Actual Kit may vary from example shown.

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

Type of Inserts: Unicellular Polyethylene Foam with Die Cut Tool Cavities

Type of Construction: 2 Green Polypropylene Copolymer Cases

DMC CONNECTOR COVERAGE	
MANUFACTURER	SERIES
Amphenol	91
Burndy/FCI	G6B, Hyfen Bantam
General	GC283 Audio
Glenair	Micro-D
ITT Cannon	BKA*1
Pasternack	RF Coaxial
Raychem (TE)	D-436
TE	PIDG, RF Coaxial/ CAT5
MIL-DTL-24308	D-Sub
MIL-DTL-26482	2
MIL-DTL-38999	1, 2, 3
AS50151	3450

*Kit will have individual spaces for the following tools:
2-231652-1, 853400-1, and 853400-3. These tools will not be provided by DMC and are to be purchased by end user.

KIT CONTENTS*	
10	Crimp Tools
2	Turret Heads
11	Positioners
3	Single Position Heads
9	Die Sets
7	Metal Insertion Tools
8	Metal Removal Tools
56	Plastic Insertion/Removal Tools
1	Wire Cutter
1	Wire Stripper
2	In-Service Inspection Gages
1	Hex Wrench
1	Wire Harness Spoon
2	T-Handle Wrenches
1	Strap Wrench
27	Adaptor Tools
2	Banding Tools
40	Spare Bands
1	Thermal Wire Stripper
4	Contact Gages
1	Die Removal Tool

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.