

DMC2204 Autosport (TE/Deutsch) Kit



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Modern autosport vehicles demand high reliability electrical wiring systems. The installation and repair of these systems on Formula One, Grand Prix, World Rally, NASCAR Stock Car, Moto Grand Prix, Le Mans Series Sport Car, Whelen Modified Sport Bikes and Super Bikes systems require precision tools. 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 for Autosport (TE/Deutsch).

DMC AUTOSPORT (TE/DEUTSCH) MAINTENANCE KIT

The **DMC2204** Autosport (TE/Deutsch) 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 **DMC2204** 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 one environmentally sealed case and includes: Name Plate, Foam Pads/Inserts, Contents Charts, Instruction Sheets, and Tool Selection Charts.

TOOL SELECTION CHART																	
VENDOR (CODE)	CONNECTOR	CONTACT	P. COLOR	BANDS	S	R	S	S	S	S	S	CRIMP TOOL		REMOVAL TOOL FOR WIRENET CONTACTS			
												PART NUMBER	PART NUMBER		PART NUMBER	PART NUMBER	
MIL-STD-3846 SERIES 1	W3730E1	M3002/21-100	P	RED	TEL	24	24	24	24	24	24	0200	JTS (M22520/1-01)	70A (M1993/11-03)	DA620B (M1993/19-03)	DRK20B (M1993/19-03)	
		M3002/22-209	P	RED	TEL	24	24	24	24	24	24	0200	JTS (M22520/1-01)	70A (M1993/11-03)	DA620B (M1993/19-03)	DRK20B (M1993/19-03)	
		M3002/21-228	P	RED	TEL	24	24	24	24	24	24	18	0200	JTS (M22520/1-01)	70A (M1993/11-03)	DA620B (M1993/19-03)	DRK20B (M1993/19-03)
		M3002/22-247	P	RED	TEL	24	24	24	24	24	24	12	0200	JTS (M22520/1-01)	70A (M1993/11-03)	DA620B (M1993/19-03)	DRK20B (M1993/19-03)
		M3002/21-234	P	RED	TEL	24	24	24	24	24	24	12	0200	JTS (M22520/1-01)	70A (M1993/11-03)	DA620B (M1993/19-03)	DRK20B (M1993/19-03)
MIL-STD-3846 SERIES 2	W3730E2	M3002/21-115	S	BKN	BRN	115	115	115	115	115	115	0200	JTS (M22520/1-01)	70A (M1993/11-03)	DA620-20 (M1993/19-03)	DRK20-15A (M1993/19-03)	
		M3002/21-110	P	RED	BRN	110	110	110	110	110	110	18	0200	JTS (M22520/1-01)	70A (M1993/11-03)	DA620-15 (M1993/19-03)	DRK20-15A (M1993/19-03)
		M3002/21-116	S	BKN	BRN	116	116	116	116	116	116	18	0200	JTS (M22520/1-01)	70A (M1993/11-03)	DA620-15 (M1993/19-03)	DRK20-15A (M1993/19-03)
		M3002/21-111	P	RED	BRN	111	111	111	111	111	111	12	0200	JTS (M22520/1-01)	70A (M1993/11-03)	DA620-15 (M1993/19-03)	DRK20-15A (M1993/19-03)
		M3002/21-118	S	BKN	BRN	118	118	118	118	118	118	12	0200	JTS (M22520/1-01)	70A (M1993/11-03)	DA620-15 (M1993/19-03)	DRK20-15A (M1993/19-03)
MIL-STD-3899 SERIES 2	W3730E3B3P	M32743-22	P	RED	BLU	22	22	22	22	22	22	0200	JTS (M22520/1-01)	70A (M1993/11-03)	DA620-15 (M1993/19-03)	DRK20-15A (M1993/19-03)	
		M3002/21-362	S	BKN	BRN	362	362	362	362	362	362	0200	JTS (M22520/1-01)	70A (M1993/11-03)	DA620-15 (M1993/19-03)	DRK20-15A (M1993/19-03)	
		M32749-22	S	BKN	BRN	22	22	22	22	22	22	0200	JTS (M22520/1-01)	70A (M1993/11-03)	DA620-15 (M1993/19-03)	DRK20-15A (M1993/19-03)	
		M3002/21-308	S	BKN	BRN	308	308	308	308	308	308	0200	JTS (M22520/1-01)	70A (M1993/11-03)	DA620-15 (M1993/19-03)	DRK20-15A (M1993/19-03)	
		M3002/21-309	S	BKN	BRN	309	309	309	309	309	309	0200	JTS (M22520/1-01)	70A (M1993/11-03)	DA620-15 (M1993/19-03)	DRK20-15A (M1993/19-03)	
MIL-STD-3853 "MAD" SERIES	W3730E3B3S	030-102-007	P	RED	BLU	102	102	102	102	102	102	0200	JTS (M22520/1-01)	70A (M1993/11-03)	DA620-15 (M1993/19-03)	DRK20-15A (M1993/19-03)	
		016-007-108	P	RED	BLU	108	108	108	108	108	108	0200	JTS (M22520/1-01)	70A (M1993/11-03)	DA620-15 (M1993/19-03)	DRK20-15A (M1993/19-03)	
		030-102-008	P	RED	BLU	108	108	108	108	108	108	0200	JTS (M22520/1-01)	70A (M1993/11-03)	DA620-15 (M1993/19-03)	DRK20-15A (M1993/19-03)	
		030-102-009	P	RED	BLU	108	108	108	108	108	108	0200	JTS (M22520/1-01)	70A (M1993/11-03)	DA620-15 (M1993/19-03)	DRK20-15A (M1993/19-03)	
		016-007-207	P	RED	BLU	207	207	207	207	207	207	0200	JTS (M22520/1-01)	70A (M1993/11-03)	DA620-15 (M1993/19-03)	DRK20-15A (M1993/19-03)	

Tool Selection Charts

M22520/1-01 CRIMP TOOL (DANIELS AF8)

INSTRUCTIONS FOR CHANGING TURRET HEAD ASSEMBLIES

1. REMOVE TURRET HEAD ASSEMBLY FROM CRIMP TOOL BY GRIPPING THE TURRET HEAD ASSEMBLY AND PULLING IT AWAY FROM THE CRIMP TOOL.
2. REMOVE THE TURRET HEAD ASSEMBLY FROM THE CRIMP TOOL BY GRIPPING THE TURRET HEAD ASSEMBLY AND PULLING IT AWAY FROM THE CRIMP TOOL.
3. REMOVE THE TURRET HEAD ASSEMBLY FROM THE CRIMP TOOL BY GRIPPING THE TURRET HEAD ASSEMBLY AND PULLING IT AWAY FROM THE CRIMP TOOL.
4. REMOVE THE TURRET HEAD ASSEMBLY FROM THE CRIMP TOOL BY GRIPPING THE TURRET HEAD ASSEMBLY AND PULLING IT AWAY FROM THE CRIMP TOOL.
5. REMOVE THE TURRET HEAD ASSEMBLY FROM THE CRIMP TOOL BY GRIPPING THE TURRET HEAD ASSEMBLY AND PULLING IT AWAY FROM THE CRIMP TOOL.

INSTRUCTIONS FOR INDEXING TURRET HEAD ASSEMBLIES

1. PRESS TURRET HEAD ASSEMBLY INTO CRIMP TOOL BY GRIPPING THE TURRET HEAD ASSEMBLY AND PUSHING IT INTO THE CRIMP TOOL.
2. PRESS TURRET HEAD ASSEMBLY INTO CRIMP TOOL BY GRIPPING THE TURRET HEAD ASSEMBLY AND PUSHING IT INTO THE CRIMP TOOL.
3. PRESS TURRET HEAD ASSEMBLY INTO CRIMP TOOL BY GRIPPING THE TURRET HEAD ASSEMBLY AND PUSHING IT INTO THE CRIMP TOOL.
4. PRESS TURRET HEAD ASSEMBLY INTO CRIMP TOOL BY GRIPPING THE TURRET HEAD ASSEMBLY AND PUSHING IT INTO THE CRIMP TOOL.
5. PRESS TURRET HEAD ASSEMBLY INTO CRIMP TOOL BY GRIPPING THE TURRET HEAD ASSEMBLY AND PUSHING IT INTO THE CRIMP TOOL.

INSTRUCTIONS FOR USING INDEXER CLOSURE SELECTOR

1. WITH TURRET HEAD ASSEMBLY INDEXED TO THE CONTACT POSITION, PRESS THE INDEXER CLOSURE SELECTOR TO THE LEFT TO LOCK THE TURRET HEAD ASSEMBLY TO THE CONTACT POSITION.
2. WITH TURRET HEAD ASSEMBLY INDEXED TO THE CONTACT POSITION, PRESS THE INDEXER CLOSURE SELECTOR TO THE RIGHT TO RELEASE THE TURRET HEAD ASSEMBLY FROM THE CONTACT POSITION.
3. WITH TURRET HEAD ASSEMBLY INDEXED TO THE CONTACT POSITION, PRESS THE INDEXER CLOSURE SELECTOR TO THE LEFT TO LOCK THE TURRET HEAD ASSEMBLY TO THE CONTACT POSITION.
4. WITH TURRET HEAD ASSEMBLY INDEXED TO THE CONTACT POSITION, PRESS THE INDEXER CLOSURE SELECTOR TO THE RIGHT TO RELEASE THE TURRET HEAD ASSEMBLY FROM THE CONTACT POSITION.
5. WITH TURRET HEAD ASSEMBLY INDEXED TO THE CONTACT POSITION, PRESS THE INDEXER CLOSURE SELECTOR TO THE LEFT TO LOCK THE TURRET HEAD ASSEMBLY TO THE CONTACT POSITION.

M22520/2-01 CRIMP TOOL (DANIELS AF8B)

INSTRUCTIONS FOR CHANGING POSITIONERS

1. SELECT CORRECT POSITIONER FOR CONTACT BEING CRIMPED.
2. INSERT POSITIONER INTO POSITIONER LOCK PLATE FROM THE DATAPLATE ON THE SIDE OF POSITIONER.
3. RETURNING CORRECT SELECTOR SETTING FOR WIRE SIZE FROM THE DATAPLATE ON THE SIDE OF POSITIONER.
4. LIFT SELECTOR HANDLE AND ROTATE UNTIL SELECTOR HANDLE ALIGNS WITH INDEX MARK.
5. TOOL IS NOW READY FOR USE.

CRIMPING INSTRUCTIONS

1. INSERT CONTACT THROUGH INDEXER OPENING AND INTO CRIMP TOOL.
2. PRESS TURRET HEAD ASSEMBLY INTO CRIMP TOOL TO CRIMP CONTACT.
3. REMOVE CONTACT FROM CRIMP TOOL BY GRIPPING THE CONTACT AND PULLING IT AWAY FROM THE CRIMP TOOL.
4. REMOVE CONTACT FROM CRIMP TOOL BY GRIPPING THE CONTACT AND PULLING IT AWAY FROM THE CRIMP TOOL.
5. REMOVE CONTACT FROM CRIMP TOOL BY GRIPPING THE CONTACT AND PULLING IT AWAY FROM THE CRIMP TOOL.

NOTE: AFTER CRIMPING CYCLE IS COMPLETED, INSPECT CONTACT. REMOVE CONTACT FROM CRIMP TOOL BY GRIPPING THE CONTACT AND PULLING IT AWAY FROM THE CRIMP TOOL. IF THE CONTACT IS DAMAGED, DO NOT REUSE IT.

Instruction Sheets



DMC2204

Autosport (TE/Deutsch) Kit



Coverage: Autosport Power Connectors, Terminals size 12 AWG and Smaller
Type of Inserts: Unicellular Polyethylene Foam with Silhouetted Tool Cavities
Type of Construction: 1 Black Portable Polypropylene Copolymer Case



DMC2204 CONNECTOR COVERAGE	
MANUFACTURER	SERIES
Deutsch (TE)	AS, ASL, ASR, ASC, ASV, AS-Mini, ASDD, AS-Micro, ASHD

KIT CONTENTS	
3	Crimp Tools
2	Turret Heads
12	Positioners
1	Universal Positioner
16	Plastic Insertion/Removal Tools
1	Hex Wrench
1	In-Service Inspection Gage
1	Wire Harness Spoon



Refurbishment Services

To ensure the longevity of your investment, DMC offers kit refurbishment and calibration services. Contact DMC for details.