

TM 5-3895-372-24P

TECHNICAL MANUAL

**UNIT, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LISTS**

**CONCRETE-MOBILE MIXER BODY
M919, MODEL 8CM-24/F
NSN 3895-01-028-4391**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY
NOVEMBER 1990**

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Current as of 30 June 1989

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2, located in the back of this manual, direct to: Commander, U.S. Army Tank-Automotive Command, ATTN: AMSTA-MB, Warren, MI 48397-5000. A reply will be furnished to you.

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UNIT, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LISTS

SECTION I. INTRODUCTION

1. Scope.

This RPSTL lists and authorizes spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE); and other special support equipment required for performance of Unit, Direct Support, and General Support Maintenance of the Concrete Mobile Mixer Body. It authorizes the requisitioning, issue, and disposition of spares, repair parts and special tools as indicated by the source, maintenance and recoverability (SMR) codes.

2. General.

In addition to Section I. Introduction, this Repair Parts and Special Tools List is divided into the following sections:

a. *Section II, Repair Parts List.* A list of spares and repair parts authorized by this RPSTL for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending alphanumeric sequence, with the parts in each group listed in ascending figure and item number sequence. Bulk materials are listed in item name sequence. Repair kits are listed separately in their own functional group within Section II. Repair parts for reparable special tools are also listed in the section. Items listed are shown on the associated illustration(s)/figure(s).

b. *Section III, Special Tools List.* A list of special tools, special TMDE, and other special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in DESCRIPTION AND USABLE ON CODE column) for the performance of maintenance.

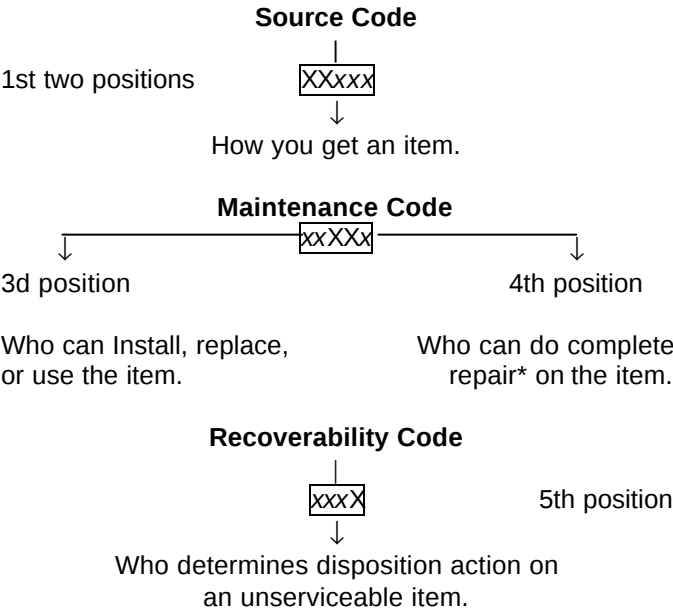
c. *Section IV, Cross-reference Indexes.* A list, in National Item Identification Number (NIIN) sequence, of all National stock numbered items appearing in the listing, followed by a list in alphanumeric sequence of all part numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to each illustration/figure and item number appearance.

The figure and item number index lists figure and item numbers in alphanumeric sequence and cross references NSN, FSCM or CAGE, and part numbers.

3. Explanation of Columns (Sections II and III).

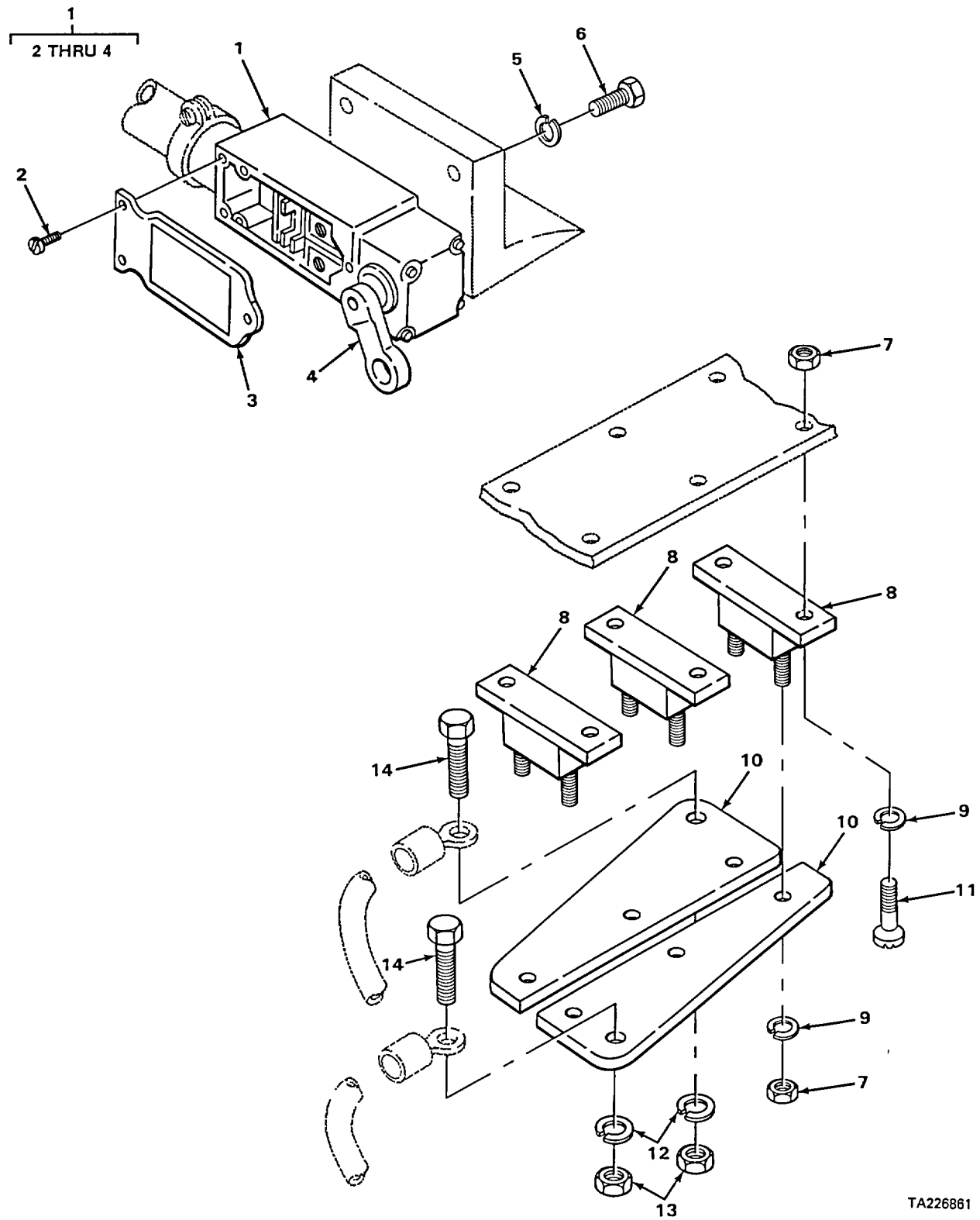
a. *ITEM NO. (Column (1)).* Indicates the number used to identify items called out in the illustration.

b. *SMR CODE (Column (2)).* The Source, Maintenance, and Recoverability (SMR) code is a 5-position code containing supply/requisitioning information, maintenance category authorization criteria, and disposition instructions, as shown in the following breakout:



**Complete Repair:* Maintenance capacity, capability, and authority to perform all corrective maintenance tasks of the "Repair" function in a use/user environment in order to restore serviceability to a failed item.

(1) *Source Code.* The source code tells you how to get an item needed for maintenance, repair, or overhaul of an end item/equipment. Explanations of source codes follows:



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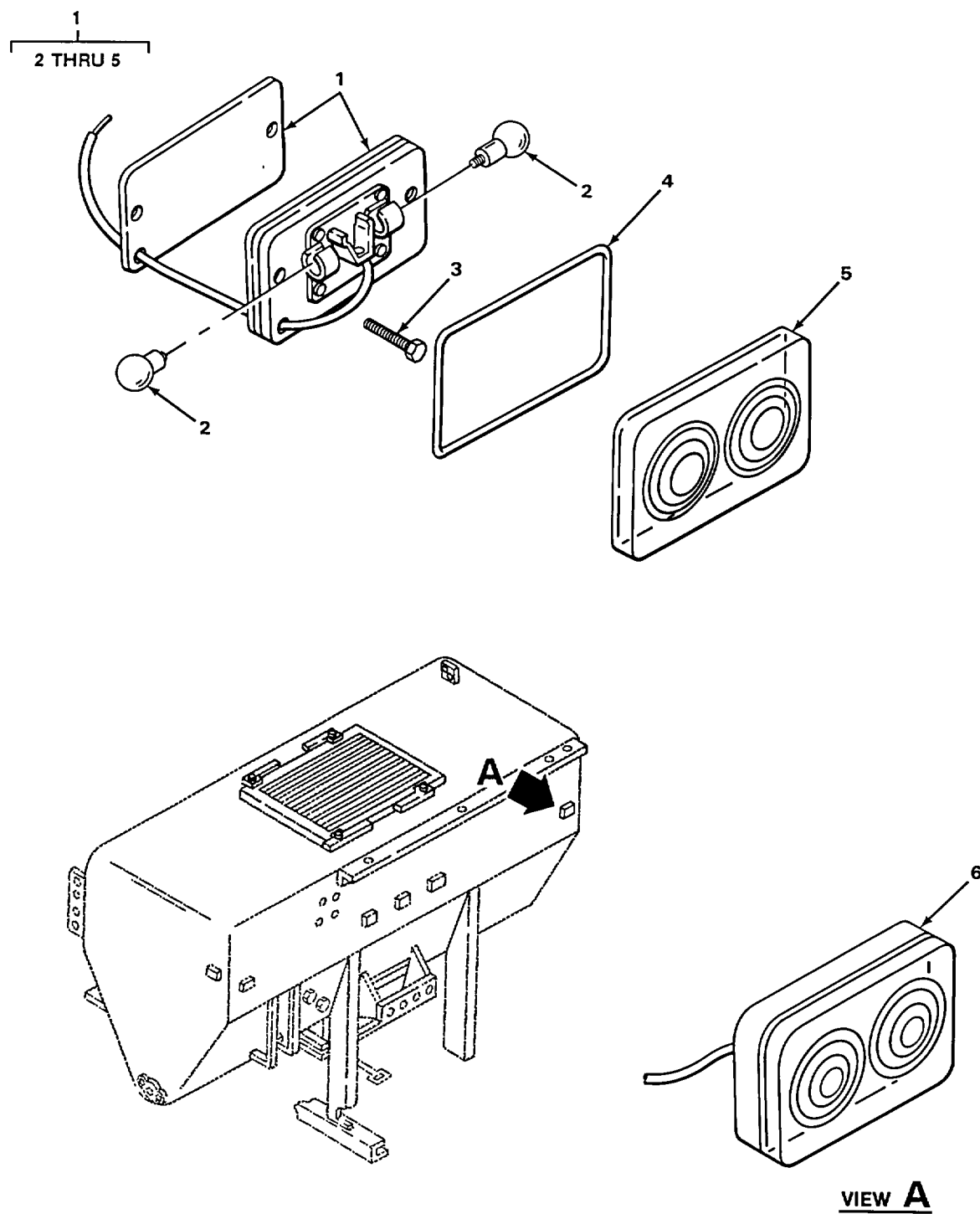
FIGURE 1. SENSITIVE SWITCH AND CIRCUIT BREAKERS.

SECTION II

TM 5-3895-372-24PC01

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
GROUP 06 ELECTRICAL SYSTEM					
GROUP 0608 MISCELLANEOUS ITEMS					
FIG. 1 SENSITIVE SWITCH AND CIRCUIT BREAKERS					
1	XDOZZ	03497	CR115G10110	SWITCH, SENSITIVE	1
2	XDOZZ	24617	112871	.SCREW COVER TO MICRO SWITCH	3
3	XAOZZ	04290	CR115G-1	.COVER, MICRO SWITCH,	1
4	PAOZZ	02295	CR215GL10	.ARM, SWITCH ACTUATOR	1
5	PAOZZ	96906	MS35338-48	WASHER, LOCK MICRO SWITCH TO.....	4
6	PAOZZ	96906	MS90728-6	MOUNTING BRACKET.....	4
7	PAOZZ	24617	110633	SCREW, CAP, HEXAGON H MICRO SWITCH.....	4
8	PAOZZ	34623	MA207-23017	TO MOUNTING BRACKET.....	12
9	PAOZZ	96906	MS35338-43	NUT, PLAIN HEXAGON BREAKER TO FRAME.....	3
10	XDOZZ	05643	NP3149000	CIRCUIT BREAKER.....	12
11	PAOZZ	96906	MS35206-265	WASHER, LOCK BREAKER TO FRAME	2
12	PAOZZ	96906	MS35338-45	PLATE, BRASS	6
13	PAOZZ	96906	MS51967-5	SCREW, MACHINE BREAKER TO FRAME.....	2
*	PAOZZ	96906	MS90725-31	WASHER, LOCK CABLE TO BREAKER PLATE.....	2
				NUT, PLAIN, HEXAGON CABLE TO BREAKER.....	2
				PLATE	2
				BOLT, MACHINE CABLE TO BREAKER PLATE	2

END OF FIGURE



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FIGURE 2. CLEARANCE AND MARKER LAMPS.

SECTION II

TM 5-3895-372-24PC01

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
GROUP 0609 LIGHTS					
FIG. 2 CLEARANCE AND MARKER LAMPS					
1	PADOO	51501	12MIR8571	LIGHT, MARKER, CLEARA AMBER.....	4
1	PAOOO	77977	1203A12V	LIGHT, MARKER, CLEARA RED.....	7
* 2	PAOZZ	81343	1895	.LAMP, INCANDESCENT CLEARANCE AND	2
				MARKER LAMP ASSEMBLY	
3	XDOZZ	77977	0-1059	.SCREW HOUSING TO BODY.....,	2
* 4	KFOZZ	77977	9180	.PACKING, PREFORMED CLEARANCE AND.....	1
				MARKER LAMP ASSEMBLY PART OF KIT P/N	
				9006A PART OF KIT P/N 9006R	
* 5	KFOZZ	77977	9007R	.LENS, LIGHT PART OF KIT P/N 9006R.....	1
* 5	KFOZZ	77977	9007A	.LENS, LIGHT PART OF KIT P/N 9006A.....	1
6	PAOZZ	05643	NP5020002	.CLEARANCE LIGHT.....	4

END OF FIGURE

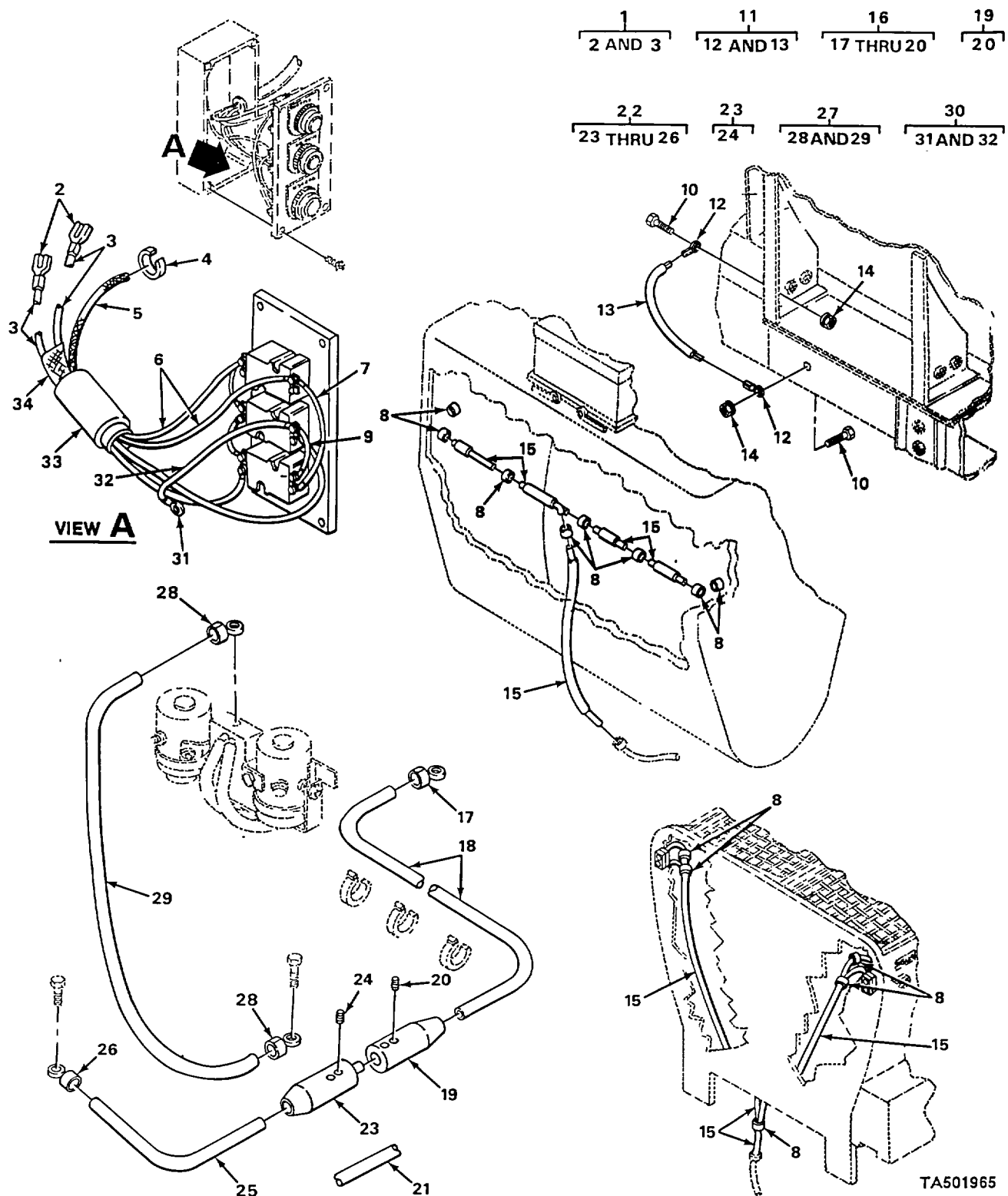


FIGURE 3. CHASSIS WIRING.

SECTION II

TM 5-3895-372-24PC01

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
GROUP 0613 HULL OR CHASSIS WIRING HARNESS					
FIG. 3 CHASSIS WIRING					
1	AOOOO	34623	MA366-21016	WIRE ASSEMBLY	1
2	PAOZZ	96906	MS20659-104	. TERMINAL, LUG	2
3	MOOZZ	19207	21011-576	. WIRE MAKE FROM CABLE P/N J-C-.....	2
*	4	PFOZZ	96906	580ST6CK2/16TTJ	4
	5	MOOZZ	34623	STRAP, TIEDOWN, ELECT.....	1
			MA207-22912	LOOM MAKE FROM SLEEVING P/N MA207-.....	2
				222919.....	1
			MA366-21008	WIRE MAKE FROM CABLE P/N J-C-.....	2
				580ST6CK2/16TTJ	1
			MA366-21006	WIRE MAKE FROM WIRE P/N M13486-1-3.	13
			558	FILM, COPYING, THERMO.....	3
			MA366-21007	WIRE MAKE FROM WIRE P/N M13486-1-3.	2
			MS90728-87	SCREW, CAP, HEXAGON H GROUND STRAP	1
				TO CHASSIS FRAME	1
			MA366-21012	CABLE ASSEMBLY	2
			NP5021019	. TERMINAL, LUG	1
			5388219-12	WIRE MAKE FROM WIRE P/N M13486-1-.....	2
			MS35690-704	NUT, PLAIN, HEXAGON.....	4
			MA366-21010	WIRE MAKE FROM WIRE P/N M13486-1-3.	1
			MA366-21013	CABLE ASSEMBLY POWER LINE TO WINCH.	1
			NP5021019	. TERMINAL, LUG	1
			5388219-228	. WIRE MAKE FROM WIRE P/N M13486-1-.....	1
				11	1
			MA68-21001	. TERMINAL, QUICK DISC FEMALE.....	1
			MS51982-69	.. SETSCREW	1
			MA207-22910	LOOM MAKE FROM SLEEVING P/N MA207-.....	1
				22919.....	1
			MA366-21014	CABLE ASSEMBLY	1
			MA68-21002	. CONNECTOR, PLUG, ELEC MALE	1
			MS51982-69	.. SETSCREW	1
			5388219-12	WIRE MAKE FROM WIRE P/N M13486-1.....	1
				11	1
			NP5021019	. TERMINAL, LUG	1
			MA366-21015	CABLE ASSEMBLY	2
			NP5021019	TERMINAL, LUG	1
			5388219-12	WIRE MAKE FROM WIRE P/N M13486-1-.....	1
				11	1
			MA366-21017	WIRE ASSEMBLY	1
			MS20659-104	. TERMINAL, LUG GROUND WIRE	1
			5426834-9	. WIRE MAKE FROM WIRE P/N M13486-1-3.....	1
			NP5021234	PROTECTOR, CORD	1
			MA207-22911	LOOM MAKE FROM SLEEVING P/N MA207-.....	1
				22919.....	1

END OF FIGURE