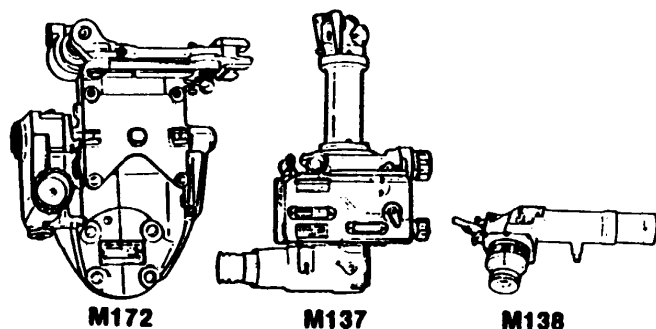
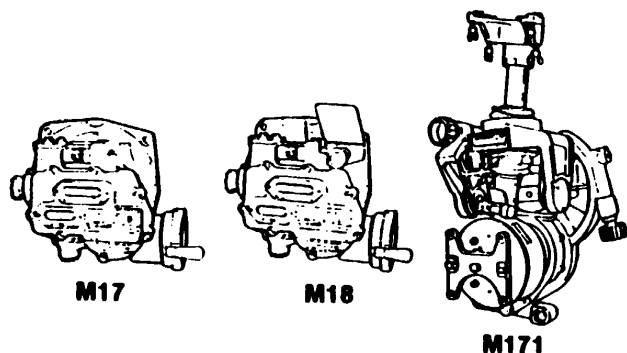




TECHNICAL MANUAL

**Direct Support and General Support Maintenance Repair Parts
and Special Tools List (Including Depot Maintenance Repair
Parts and Special Tools List)
for**

**QUADRANT, FIRE CONTROL: M17
(1290-01-037-3883);**

**QUADRANT, FIRE CONTROL: M18
(1290-01-037-7289);**

**MOUNT, TELESCOPE AND QUADRANT: M171
(1240-01-039-7273);**

**MOUNT, TELESCOPE AND QUADRANT: M172
(1240-01-037-7290);**

**TELESCOPE, PANORAMIC: M137
(1240-01-038-0531); AND**

**TELESCOPE, ELBOW: M138
(1240-01-038-0530)**

September 1980

HEADQUARTERS, DEPARTMENT OF THE ARMY

This copy is a reprint which includes current
pages from Changes 1 and 2.

TECHNICAL MANUAL)
)
No. 9-1240-376-34P)

HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, DC, 19 Sept 1980

Direct Support and General Support Maintenance Repair Parts and Special Tools List
(Including Depot Maintenance Repair Parts and Special Tools List)
for
QUADRANT, FIRE CONTROL: M17 (120-01-037-3883); QUADRANT, FIRE CONTROL:
M18 (12901-W37-7289); MOUNT, TELESCOPE AND QUADRANT: M171 (1240-0139-7273);
MOUNT, TELESCOPE AND QUADRANT: M172 (1240-01437-7290); TELESCOPE, PANORAMIC:
M137 (1240-01380631); AND TELESCOPE, ELBOW: M138 (1240-1-0380630)

Current as of 18 January 1987

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, US Army Armament, Munitions and Chemical Command, ATTN: AMSMC-MAS, Rock Island, IL 61299-6000. A reply will be furnished to you.

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DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS
LIST (INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST)
FOR
QUADRANT, FIRE CONTROL: M17 (129001-037-3883);
QUADRANT, FIRE CONTROL: M18 (1290-01-037-7289);
MOUNT, TELESCOPE AND QUADRANT: M171 (1240-01-039-7273);
MOUNT, TELESCOPE AND QUADRANT: M172 (1240-01-037-7290);
TELESCOPE, PANORAMIC: M137 (1240-01-038-0531); AND
TELESCOPE, ELBOW: M138 (1240-01-038-0530)

Section I. INTRODUCTION

1. SCOPE

This manual lists spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE); and other special support equipment required for performance of direct support and general support maintenance of the M17 and M18 fire control quadrants, M171 and M172 telescope and quadrant mounts, M137 panoramic telescope, and M138 elbow telescope. It authorizes the requisitioning and issue of spares and repair parts as indicated by the source and maintenance codes.

2. GENERAL

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 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 numeric sequence, with the parts

in each group listed in figure and item number sequence. Bulk materials are listed in NSN sequence.

b. Section III, Special Tools List. A list of special tools, special TMDE, and other special support equipment authorized for the performance of maintenance.

c. Section IV, National Stock Number and Part Number Index. A list, in National item identification number (NIIN) sequence, of all National stock numbers (NSN) appearing in the listings, followed by a list in alphabetic 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. This index is followed by a cross-reference list of reference designators to figure and item numbers.

3. EXPLANATION OF COLUMNS

a. Illustration. This column is divided as follows:

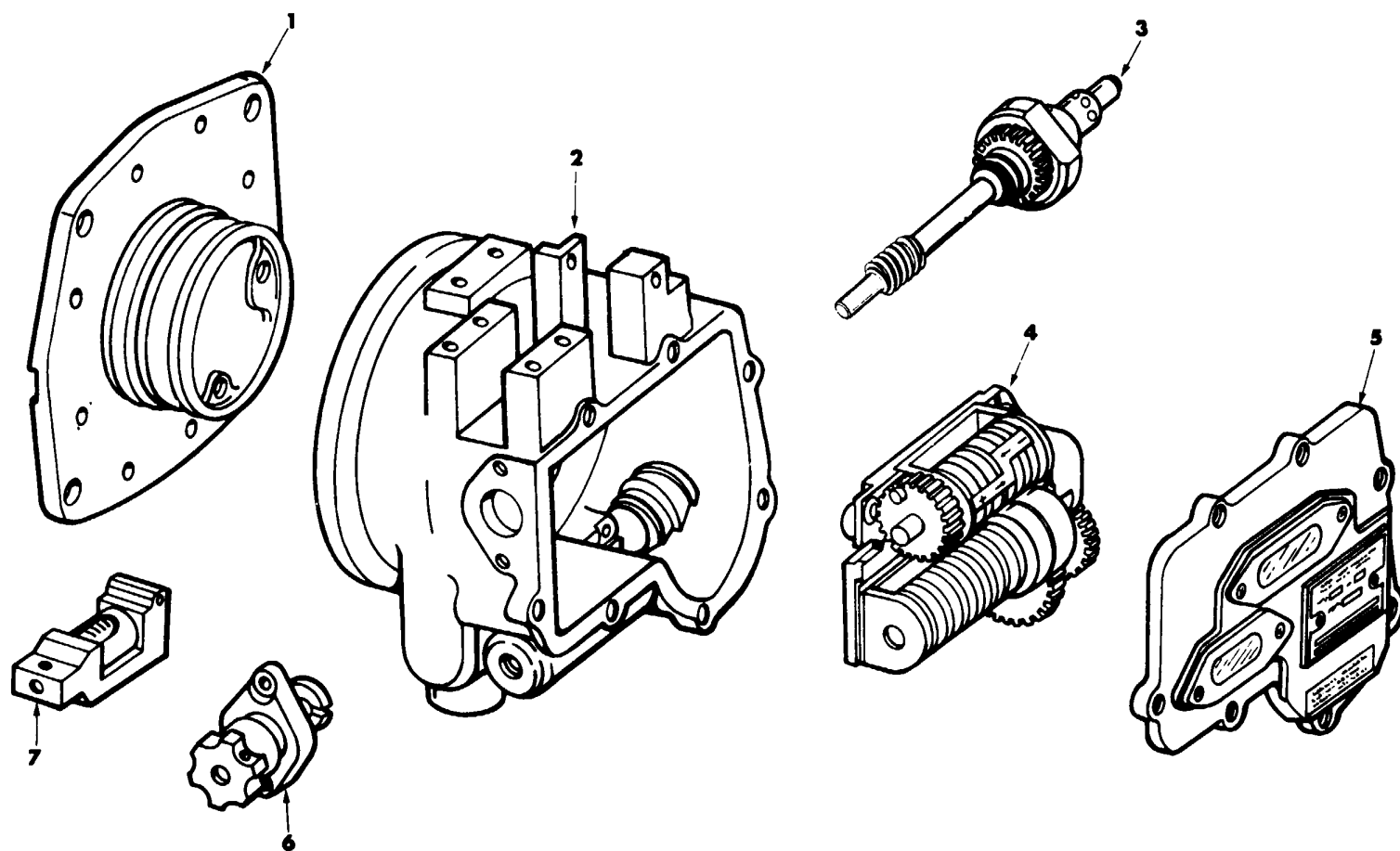


Figure 1. Quadrant, fire control, M17 11729530.

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION <i>USUABLE ON CODE</i>	(7) U/M	(8) QTY INC IN UNIT	
(a) FIGURE NO.	(b) ITEM NO.								
C; 1 C	1	1	PADZZ	1290-01-373-7272	11729578	19200	GROUP 06 OUADRANT, FIRE CONTROLtM17 11729530 BASE ASSEMBLY F39	EA	1
	1	2	PADDD	5365-01-967-6835	1172S542	19203	HCUSING ASSFMBLY F39	EA	1
	1	3	PAHCC	1290-01-044-9857	11729546	19200	WCRM SHAFT ASSFMBLY F39	EA	1
	1	4	PAHDD	1290-01-343-7490	11729529	19200	COUNTER ASSEMBLY..... F39	EA	1
		5	XAHLL		117295'2	19200	COVER ASSEM3LY F39	EA	1
	1	6	PAHHH	1290-01-043-7491	11729543	19200	KNOB ASSEMBLY, CCRRECTION..... F39	EA	1
	1	7	PCHHA	1290-01-048-0193	10554827	19200	LEVEL ASSEMBLY, FIRE CONTROL..... F39	EA	1
						Change 2 9			

REPAIR PARTS LIST (cont)

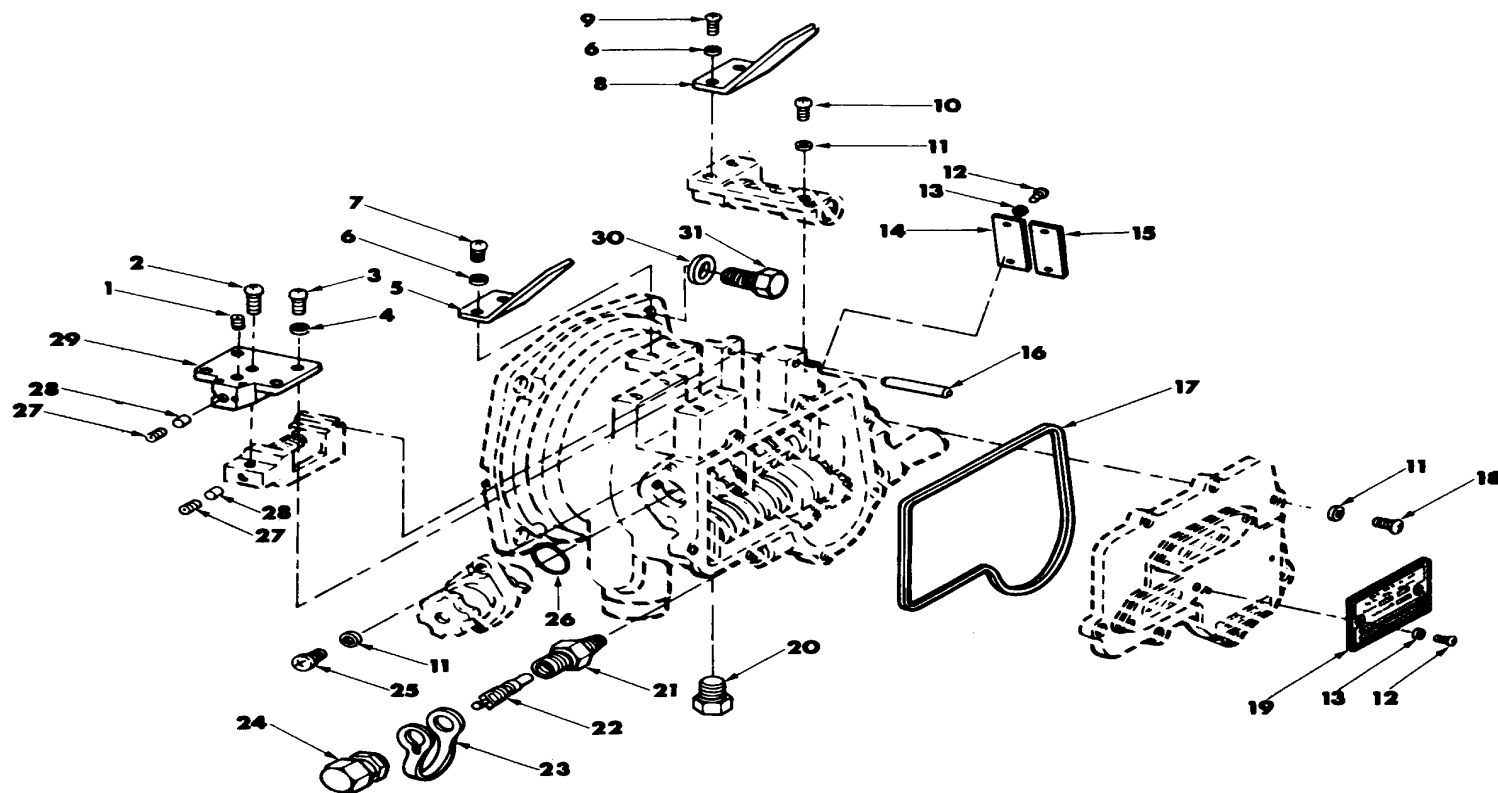


Figure 2. Quadrant, fire control, M17 11729530 and quadrant, fire control, M18 11729525, external parts.

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)	
(a) FIGURE NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION <i>USUABLE ON CODE</i>	U/M	QTY INC IN UNIT	
						GROUP 06 QUADRANT, FIRE CONTROL, M17 11729530 AND GROUP 07 GUADRANT, FIRE CONTROL, M18 11729525.EXTERNAL PARTS			
C	2	1	PAOZZ	5305-00-724-3478	MS51031-37	96906	SETSCREW F39, F40	EA	1
C	2	2	PAOZZ	5305-00-912-7281	M535276-247	96906	SCREW, MACHINE..... F39, F40	EA	1
	2	3	PAFZZ	5305-00-054-6670	MS51957-45	96906	SCREW, MACHINE..... F39, F40	EA	4
	2	4	PAFZZ	5310-00-933-8119	MS35338-137	96906	WASHER, LOCK..... F39, F40	EA	4
	2	5	PAFZZ	1290-01-044-9858	10556192	19200	REFLECTOR..... F39, F40	EA	1
C	2	6	PAFZZ	5310-00-933-8119	MS35338-137	96906	WASHER, LOCK..... F40	EA	4
C	2	6	PAFZZ	5310-00-933-8119	MS35338-137	96906	WASHER, LOCK..... F39	EA	2
	2	7	PAFZZ	5305-00-054-6651	MS551957-27	96906	SCREW, MACHINE..... F39, F40	EA	2
	2	8	PAFZZ	1290-01-044-6912	10556191	19200	REFLECTOR..... F40	EA	1
	2	9	PAFZZ	5305-00-054-6653	MS51957-29	96906	SCREW, MACHINE..... F 40	EA	2
	2	10	PAHZZ	5305-00-054-6653	MS51957-29	96906	SCREW, MACHINE..... F40	EA	1
C	2	11	PAHZZ	5310 00 933-8119	MS35338-137	96906	WASHER, LOCK F39	EA	9
C	2	11	PAHZZ	5310-00-933 8119	MS35338-137	96906	WASHER, LOCK F40	EA	10
	2	12	PAFZZ	5305-00-054-5636	MS51957-2	96906	SCREW, MACHINE..... F39, F40	EA	6
	2	13	PAFZZ	5310-00-928-2690	MS35338-134	96906	WASHER, LOCK F39, F40	EA	6
	2	14	PAFZZ	9905-00-257-2751	11729581	19200	PLATE INSTRUCTION..... F39, F40	EA	1
	2	15	PAFZZ	9905-00-257-2750	11729582	19200	PLATE, INSTRUCTION..... F39, F40	EA	1
	2	16	PAHZZ	5315-00-834-0745	MS16555-631	96906	PIN, STRAIGHT, HEADLESS F39, F40	EA	1
	2	17	PAHZZ	5330-00-149-8859	MS9021-046	96906	PACKING, PREFORMED..... F39, F40	EA	1

REPAIR PARTS LIST (cont)

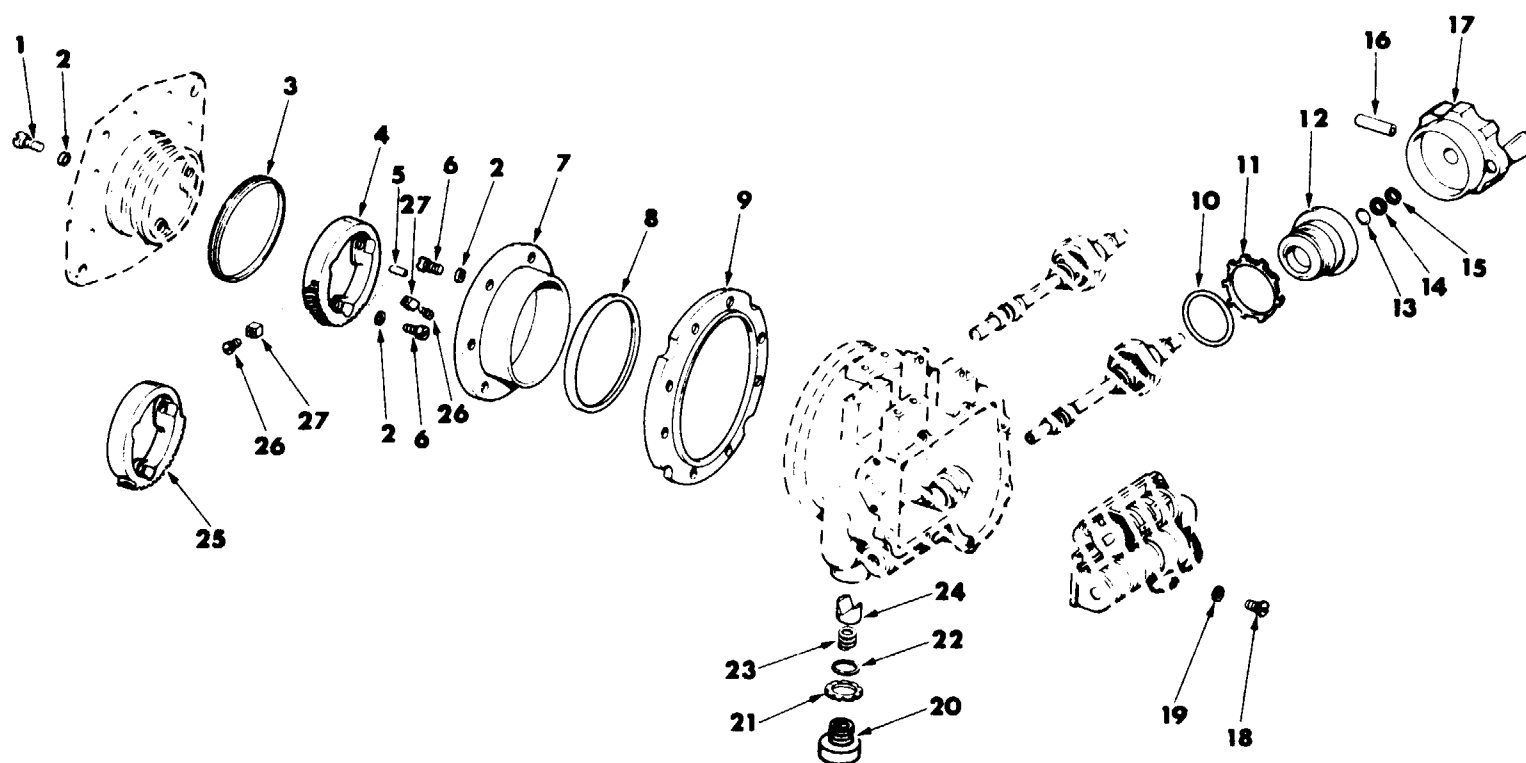


Figure 3. Quadrant, fire control, M17 11729530 and quadrant, fire control, M18 11729525, internal parts.