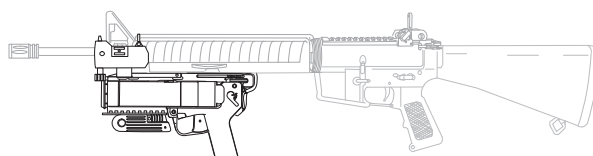


# TM 9-1010-232-23&P

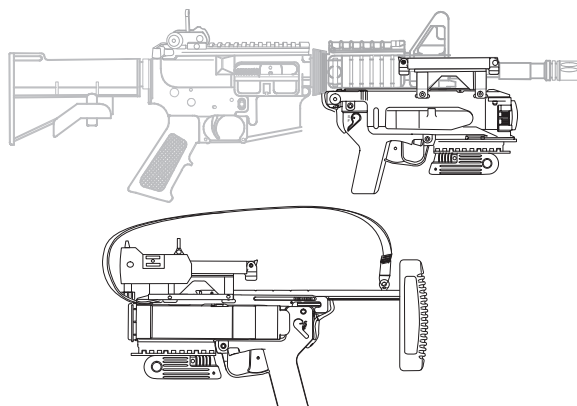
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## TECHNICAL MANUAL

### FIELD MAINTENANCE MANUAL INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST FOR GRENADE LAUNCHER, 40 MM, M320, W/E NSN 1010-01-566-9083



### GRENADE LAUNCHER, 40 MM, M320A1, W/E NSN 1010-01-557-2542



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HEADQUARTERS, DEPARTMENT OF THE ARMY  
November 2008





**FIELD MAINTENANCE**

**PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS),  
INCLUDING LUBRICATION INSTRUCTIONS**

**INITIAL SETUP:**

**Materials/Parts**



- Cleaning solvent (WP 0032, item 10)
- Solid film lubricant (WP 0032, item 6)

**References**

- TM 9-1010-232-10
- WP 0021


**PMCS PROCEDURES**

**Table 1. Preventive Maintenance Checks and Services for  
M320/M320A1 Grenade Launcher (GL).**

Item No.	Interval	Man-Hour	Item To Be Checked or Serviced	Procedure	Equipment Not Ready/Available If:
1	Quarterly		Grenade Launcher with or without M16 Series Rifles or M4 Series Carbines	<p style="text-align: center;"><b>WARNING</b></p> <div style="display: flex; justify-content: center; gap: 10px;">   </div> <p style="text-align: center;"><b>WEAPON FIRE</b> Clear weapon before starting inspection.</p> <ul style="list-style-type: none"> <li>a. Check weapon for cleanliness, sufficient lubrication, and proper assembly.</li> <li>b. Check grenade launcher for dents.</li> <li>c. Check for positive retention to rifle/carbine.</li> </ul>	<ul style="list-style-type: none"> <li>a. Weapon cannot be properly assembled or repaired.</li> <li>b. Grenade launcher dents prohibit proper functioning.</li> <li>c. Grenade launcher cannot be positively retained on rifle/carbine.</li> </ul>

PMCS PROCEDURES - Continued

Table 1. Preventive Maintenance Checks and Services for M320/M320A1 Grenade Launcher (GL) - Continued.

Item No.	Interval	Man-Hour	Item To Be Checked or Serviced	Procedure	Equipment Not Ready/Available If:
1 (Cont)	Quarterly (Cont)		Grenade Launcher with or without M16 Series Rifles or M4 Series Carbines (Cont)	<p style="text-align: center;"><b>WARNING</b></p> <div style="text-align: center;">  </div> <p style="text-align: center;"><b>CLEANING SOLVENT</b></p> <p style="text-align: center;"><b>NOTE</b></p> <p>Solid film lubricant (SFL) (WP 0032, item 6) is the authorized touchup for grenade launcher and may be used on up to one third of the exterior finish of the receiver.</p> <p><b>FOR CONUS USE ONLY:</b> SFL may be used as a touchup without limitation on the receiver assembly. Units which <b>DO NOT</b> fall under the category of Divisional Combat Units or rapid deployment type units may have up to 100 percent of the exterior surface of the receiver assembly protected with SFL. Prior to application of SFL, the surface must be thoroughly cleaned and inspected for corrosion and/or damage. If corroded or damaged, the part must be repaired or replaced prior to application of SFL. Continued use under combat conditions would result in an unprotected surface when the SFL wears off. This would result in a large light reflecting surface and accelerated deterioration of the unprotected surface. Therefore, Divisional Combat Units and units which fall under the definition of Rapid Deployment type must adhere to the limitation of <b>NOT</b> over one third of their exterior surface covered by SFL.</p> <p>If one third or more of the receiver is missing its exterior protective finish, resulting in an unprotected or light reflecting surface, it is a candidate for overhaul. The missing finish is considered a shortcoming. This shortcoming requires action to obtain a replacement weapon. When a replacement has been received, evacuate the original weapon to depot for overhaul. If the missing exterior protective finish of the receiver has exceeded one third of its total surface, the probability of reclaiming the receiver during overhaul diminishes rapidly.</p>	

**Table 1. Preventive Maintenance Checks and Services for M320/M320A1 Grenade Launcher (GL) - Continued.**

Item No.	Interval	Man-Hour	Item To Be Checked or Serviced	Procedure	Equipment Not Ready/Available If:
2	Quarterly		Function Check	<p>d. In order to extend the life of the receiver, which is the serial numbered item, evacuate the weapon to depot once the missing finish reaches one third of the total surface of the receiver. Thoroughly clean areas that are to be touched up using cleaning solvent (WP 0032, item 10). Touch up shiny exterior surfaces with SFL (WP 0032, item 6).</p> <p>a. Ensure selector lever rotates from "S" to "F" and back to "S". Selector lever must seat firmly at each position with an audible click.</p> <p>b. With weapon unloaded, pointed in a safe position, and selector lever in "S" position, attempt to pull trigger rearward. Trigger must remain in forward position with little or no rearward travel.</p> <p>c. With barrel pivoted outward and selector lever in "F" position, pull trigger and detect firing pin protrusion with light finger pressure on breech face.</p> <p>d. Press barrel release button allowing barrel to pivot outward. Place selector lever in "S" position. Firing pin, located on hammer, must not protrude from bolt face into chamber.</p>	<p>a. Selector lever fails to rotate in either direction or fails to seat firmly into either position.</p> <p>b. Trigger shows excessive movement toward rearward (Fire) position.</p> <p>c. Firing pin protrusion cannot be detected.</p> <p>d. Firing pin, located on hammer, protrudes from bolt face into chamber.</p>

PMCS PROCEDURES - Continued

Table 1. Preventive Maintenance Checks and Services for M320/M320A1 Grenade Launcher (GL) - Continued.

Item No.	Interval	Man-Hour	Item To Be Checked or Serviced	Procedure	Equipment Not Ready/Available If:
2 (Cont)	Quarterly (Cont)		Function Check (Cont)	e. Press barrel release allowing barrel to pivot outward. Place selector lever in "F" position. Press barrel release while attempting to pull trigger. It must not be possible to pull trigger rearward enough to raise and release hammer while pressing upward (release position) on barrel release.	e. Trigger can be pulled rearward enough to raise and release hammer while barrel release is pressed upward to release position.
3	Quarterly		Receiver Assembly	Inspect for burrs, nicks, wear, or other damage.	Receiver assembly has burrs, nicks, wear, or damage that prohibits proper functioning.
4	Quarterly		Barrel Assembly	Visually inspect barrel assembly for bulges, dents, or cracks.	Barrel has bulges, dents, or cracks.
5	Quarterly		Leaf Sight Assembly	Check for looseness or damage to leaf sight.	Leaf sight is loose or damaged.
6	Quarterly		Barrel Rubber Stop	With barrel assembly installed on receiver assembly, move barrel assembly outward to barrel rubber stop. Check for missing or cracked barrel rubber stop.	Barrel rubber stop is missing or cracked.
7	Quarterly		Barrel Rubber Pin	<p style="text-align: center;"><b>NOTE</b></p> <p>A missing rubber pin is considered a shortcoming but does not prohibit use of the weapon.</p> <p>Check for missing rubber pin. If missing, replace when possible.</p>	

**Table 1. Preventive Maintenance Checks and Services for M320/M320A1 Grenade Launcher (GL) - Continued.**

Item No.	Interval	Man-Hour	Item To Be Checked or Serviced	Procedure	Equipment Not Ready/Available If:
8	Quarterly		Barrel Release Lever	Pivot barrel assembly inward to close. Barrel release lever must lock barrel assembly fully closed.	Barrel release lever does not lock barrel assembly fully closed.
9	Quarterly		Day/Night Sight Assembly	<p style="text-align: center;"><b>NOTE</b></p> <p>Verification of laser functions requires Night Vision Goggles and low light environment.</p> <p>a. Inspect for damaged parts.</p> <p>b. Check function of range adjustment knob and modes of operation. Refer to TM 9-1010-232-10.</p> <p>c. Check for presence of safety block.</p>	<p>a. Day/Night Sight is damaged.</p> <p>b. Range adjustment knob does not function or modes of operation for the laser do not function.</p> <p>c. Safety block is missing.</p>
10	Quarterly		Laser Range Finder	Ensure Laser Range Finder is operating properly. Refer to TM 9-1010-232-10.	Laser Range Finder is not operating properly.
11	Annually		Grenade Launcher with or without M16 Series Rifles or M4 Series Carbines	Perform annual test (see WP 0021).	Annual test has not been performed within the last year.

**END OF WORK PACKAGE**



**Explanation of Columns in the Repair Parts List and Special Tools List Work Packages - Continued**

3. Hardness Critical Item (HCI). A support item that provides the equipment with special protection from electromagnetic pulse (EMP) damage during a nuclear attack.
4. The statement END OF FIGURE appears just below the last item description in column (6) for a given figure in both the repair parts list and special tools list work packages.

QTY (Column (7)). The QTY (quantity per figure) column indicates the quantity of the item used in the breakout shown on the illustration/figure, which is prepared for a functional group, subfunctional group, or an assembly. A "V" appearing in this column instead of a quantity indicates that the quantity is variable and quantity may change from application to application.

**Explanation of Cross-Reference Indexes Work Packages Format and Columns**

1. National Stock Number (NSN) Index Work Package. NSNs in this index are listed in National Item Identification Number (NIIN) sequence.

STOCK NUMBER Column. This column lists the NSN in NIIN sequence. The NIIN consists of the last nine digits of the NSN. When using this column to locate an item, ignore the first four digits of the NSN. However, the complete NSN should be used when ordering items by stock number.

For example, if the NSN is 5385-01-574-1476, the NIIN is 01-574-1476.

FIG. Column. This column lists the number of the figure where the item is identified/located. The figures are in numerical order in the repair parts list and special tools list work packages.

ITEM Column. The item number identifies the item associated with the figure listed in the adjacent FIG. column. This item is also identified by the NSN listed on the same line.

2. Part Number (P/N) Index Work Package. P/Ns in this index are listed in ascending alphanumeric sequence (vertical arrangement of letter and number combinations which places the first letter or digit of each group in order A through Z, followed by the numbers 0 through 9 and each following letter or digit in like order).

PART NUMBER Column. Indicates the part number assigned to the item.

FIG. Column. This column lists the number of the figure where the item is identified/located in the repair parts list and special tools list work packages.

ITEM Column. The item number is the number assigned to the item as it appears in the figure referenced in the adjacent figure number column.

**Special Information**

UOC. The UOC appears in the lower left corner of the Description Column heading. Usable on codes are shown as "UOC:..." in the Description Column (justified left) on the first line under the applicable item/nomenclature. Uncoded items are applicable to all models.

<u>Code</u>	<u>Used On</u>
BV6	M320
BU5	M320A1

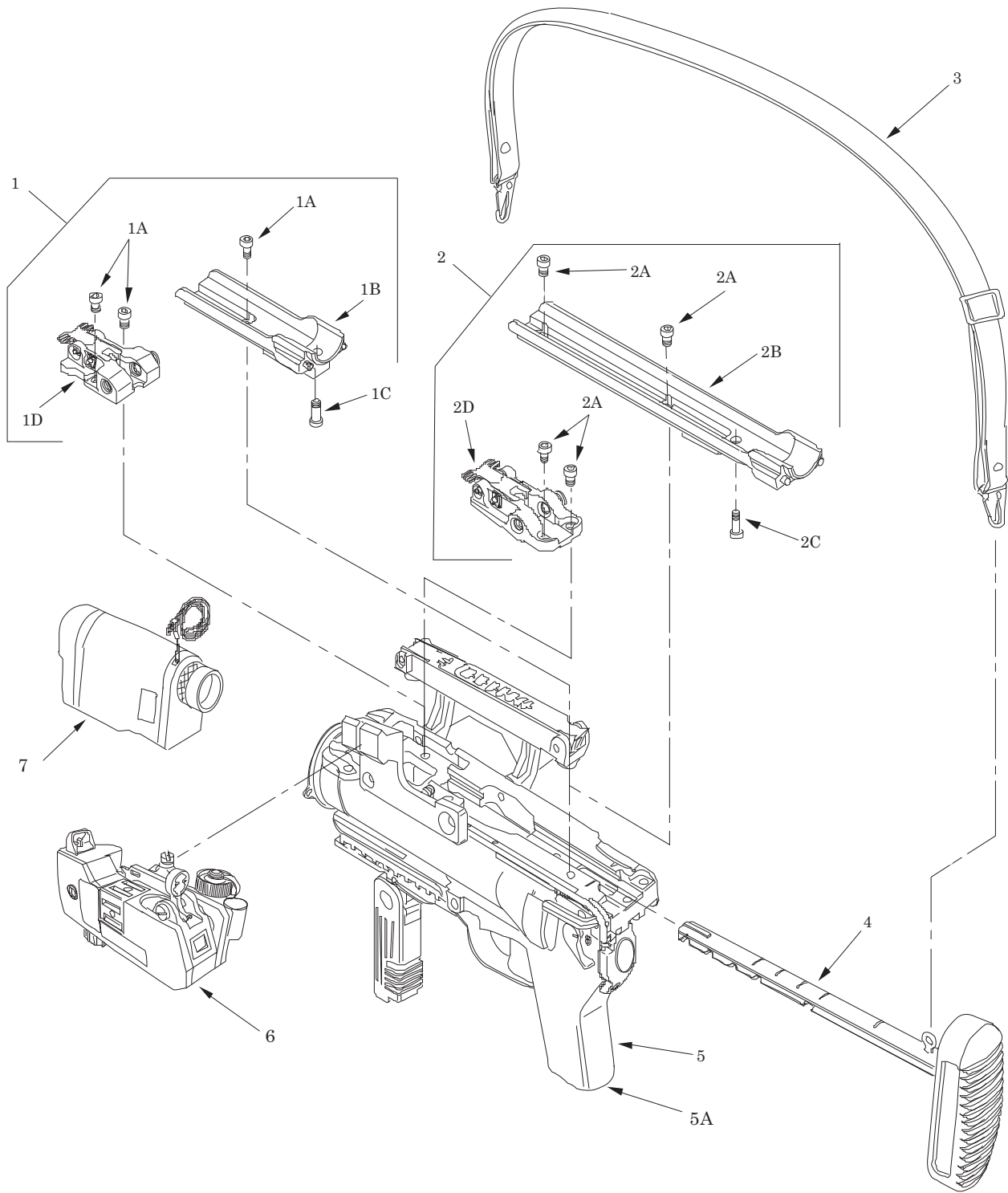


Figure 1. M320 40 mm Grenade Launcher with Equipment 13019490 and M320A1 40 mm Grenade Launcher with Equipment 13019500.

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC) GROUP 00	(7) QTY
					FIG. 1 GRENADE LAUNCHER, 40 MM, M320, WITH EQUIPMENT 13019490; GRENADE LAUNCHER, 40 MM, M320A1, WITH EQUIPMENT 13019500	
1	PAFFF	1005-01-563-0155	19200	13019498	MOUNTING ADAPTER ASSEMBLY,M4 .....	1 UOC:BU5
1A	PAFZZ	5305-01-563-0160	3HN73	979420	.SCREW,SOCKET HEAD .....	3 UOC:BU5
1B	PAFZZ	1005-01-563-0158	3HN73	234246	.MOUNTING BRACKET,REAR,M4 ....	1 UOC:BU5
1C	PAFZZ	5305-01-562-8093	3HN73	928821	.SCREW,SOCKET HEAD .....	1 UOC:BU5
1D	PAFFF	1005-01-562-9461	3HN73	233455	.MOUNTING ADAPTER,FRONT,M4 (FOR ASSY BREAKDOWN SEE FIG. 10) .....	1 UOC:BU5
2	PAFFF	1005-01-562-6591	19200	13019497	MOUNTING ADAPTER ASSEMBLY,M16 .....	1 UOC:BV6
2A	PAFZZ	5305-01-563-0160	3HN73	979420	.SCREW,SOCKET HEAD .....	4 UOC:BV6
2B	PAFZZ	1005-01-562-6592	3HN73	234245	.MOUNTING BRACKET, REAR,M16.....	1 UOC:BV6
2C	PAFZZ	5305-01-562-8093	3HN73	928821	.SCREW,SOCKET HEAD .....	1 UOC:BV6
2D	PAFFF	5340-01-562-6593	3HN73	233446	.MOUNTING ADAPTER, FRONT,M16 (FOR ASSY BREAKDOWN SEE FIG. 9) .....	1 UOC:BV6
3	PACZZ	1010-01-563-1636	19200	13019495	SLING (BLACK) .....	1

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
4	PAFFF	1010-01-563-1628	19200	13019496	BUTTSTOCK ASSEMBLY (FOR ASSY BREAKDOWN SEE FIG. 11) .....	1
5	XAFFA		19200	13019499	GRENADE LAUNCHER,40 MM, M320 (FOR ASSY BREAKDOWN SEE FIG. 2).....	1
5A	XAFFA		19200	13019489	GRENADE LAUNCHER, 40MM, M320A1 (FOR ASSY BREAKDOWN SEE FIG. 2).....	1
6	PAFFF	1010-01-564-0735	19200	13019494	DAY/NIGHT SIGHT ASSEMBLY (FOR ASSY BREAKDOWN SEE FIG. 8).....	1
7	PAFFF	1240-01-562-9459	19200	13019493	LASER RANGE FINDER (FOR ASSY BREAKDOWN SEE FIG. 12) .....	1
END OF FIGURE						

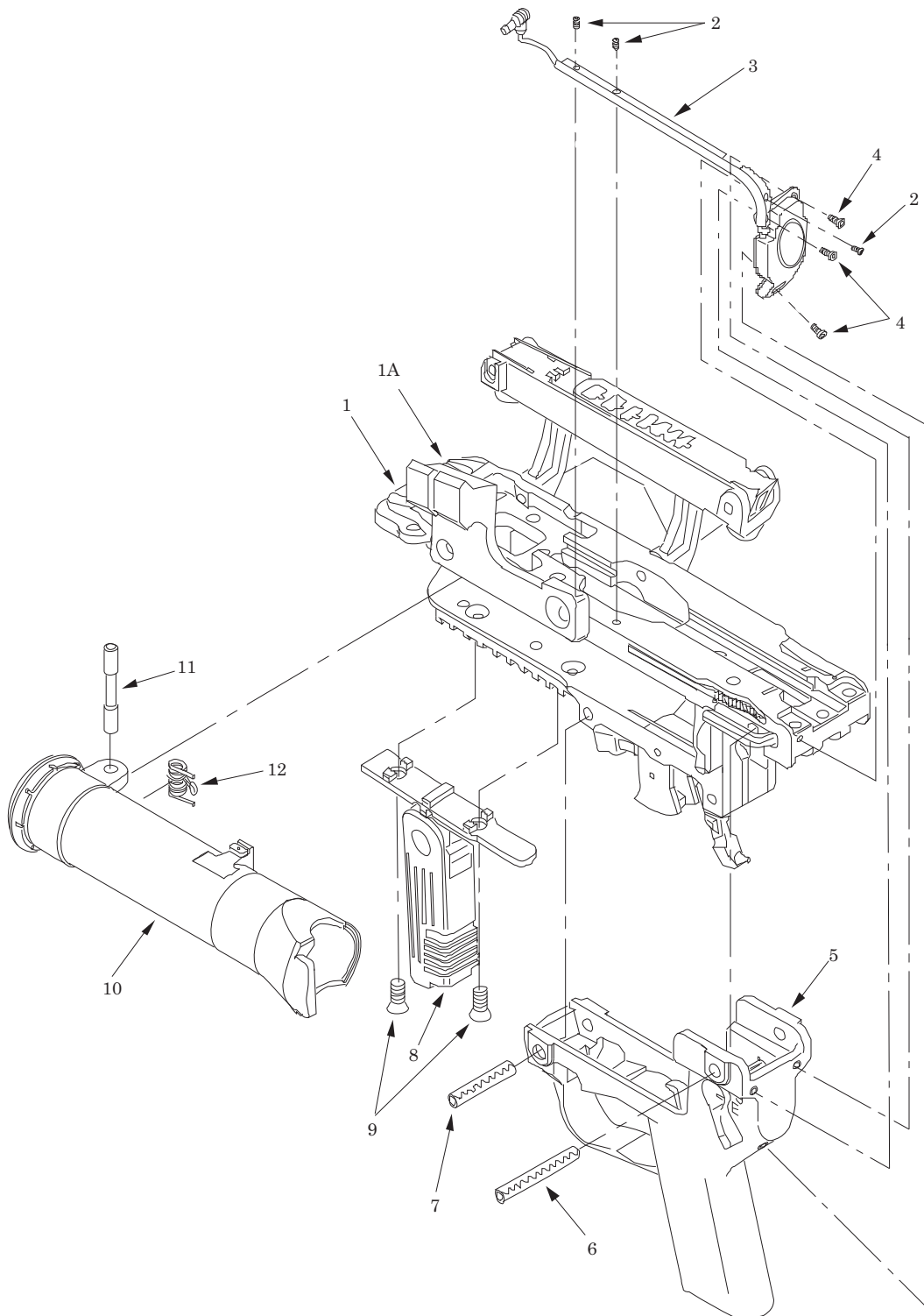


Figure 2. M320 40 mm Grenade Launcher 13019499 and M320A1 40mm Grenade Launcher 13019480.

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 01	
					FIG. 2 GRENADE LAUNCHER, 40 MM, M320, 13019499 40 MM, M320A1, 13019480	
1	XAFFD		3HN73	233229	RECEIVER ASSEMBLY, M320 (FOR ASSY BREAKDOWN SEE FIG. 3).....	1
1A	XAFFD		3HN73	13019480	RECEIVER ASSEMBLY, M320A1 (FOR ASSY BREAKDOWN SEE FIG. 3).....	1
2	PAFZZ	5305-01-564-1839	0B107	MHW306- 004AB	SCREW, SOCKET HEAD (REMOTE) ..	3
3	PAFZZ	1090-01-563-5473	0B107	EGL-514-A1	REMOTE SWITCH ASSEMBLY.....	1
4	PAFZZ	5305-01-564-1838	0B107	MHW306- 003AB	SCREW, SOCKET HEAD (REMOTE) ..	3
5	PAFFF	1010-01-558-6668	3HN73	227781	PISTOL GRIP ASSEMBLY (FOR ASSY BREAKDOWN SEE FIG. 4).....	1
6	PAFZZ	5365-12-375-4880	3HN73	988669	PIN, RETAINING REAR .....	1
7	PAFZZ	5315-12-353-8679	D2330	987690	PIN, RETAINING FRONT .....	1
8	PAFFF	1010-12-375-3547	3HN73	234627	VERTICAL GRIP ASSEMBLY (FOR ASSY BREAKDOWN SEE FIG. 5).....	1
9	PAFZZ	5305-01-564-1841	3HN73	978478	SCREW, SOCKET HEAD, VERTICAL GRIP.....	2
10	PAFFF	1010-01-559-6664	3HN73	233228	BARREL ASSEMBLY (FOR ASSY BREAKDOWN SEE FIG. 6).....	1
11	PAFZZ	5315-12-353-8422	D2330	217862	PIN, SHOULDERED.....	1
12	PAFZZ	5360-12-353-9771	D2330	217863	SPRING, HELICAL TORSION .....	1

END OF FIGURE



(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 02, 0201	
					FIG. 3 RECEIVER ASSEMBLY 233229/13019480 AND TRIGGER ASSEMBLY 217875	
1	XAFZA		3HN73	233232	RECEIVER,M320 .....	1
1A	XAFZA		19200	13019479	RECEIVER,M320A1.....	1
2	PAFZZ	5360-12-353-9578	D2330	218509	SPRING,HELICAL COMPRESSION ..	1
3	PAFZZ	1010-12-353-8667	D2330	218508	PIN,BARREL STOP .....	1
4	PAFFF	1005-01-564-2663	19200	13019492	LEAF SIGHT ASSEMBLY (FOR ASSY BREAKDOWN SEE FIG. 7).....	1
5	PAFZZ	5305-12-353-9037	3HN73	971994	SCREW,SOCKET HEAD .....	2
6	PAFZZ	5315-01-558-6665	3HN73	203069	PIN,GROOVED BUTTSTOCK.....	1
7	PAFZZ	5315-12-344-9644	3HN73	979969	PIN, SPRING .....	1
8	PAFZZ	1010-12-353-8668	D2330	219082	HAMMER.....	1
9	PAFZZ	5360-12-353-9768	D2330	217199	SPRING,TORSION,HAMMER.....	1
10	PAFFF	1010-12-353-8685	D2330	217875	TRIGGER ASSEMBLY .....	1
11	PAFZZ	1010-12-353-8665	D2330	217878	.BAR,TRIGGER .....	1
12	PAFZZ	3120-12-353-7858	D2330	217877	.BUSHING,TRIGGER .....	1
13	PAFZZ	5360-12-353-9765	D2330	217879	.SPRING,TORSION .....	1
14	XAFZZ		D2330	217876	.TRIGGER .....	1
15	PAFZZ	5315-12-360-3776	3HN73	928485	.PIN,TRIGGER SPRING.....	1
16	PAFZZ	5360-12-353-9766	D2330	217871	.SPRING,TORSION,TRIGGER .....	1
17	PAFZZ	1010-12-353-8666	D2330	217882	LEVER,RELEASE,BARREL .....	1
18	PAFZZ	5360-12-353-9767	3HN73	233236	SPRING,HELICAL COMPRESSION ..	1
19	PAFZZ	5315-12-353-8418	D2330	217873	PIN,STRAIGHT,HEADLESS, HAMMER.....	1
20	PACZZ	5120-12-354-1599	D2330	218510	WRENCH,HEXAGON.....	1



(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
21	PAFZZ	5340-01-558-6669	3HN73	233230	LEVER,LOCKING,BUTTSTOCK .....	1
22	PAFZZ	5360-01-558-6666	3HN73	203067	SPRING,HELICAL COMPRESSION, BUTTSTOCK.....	1
23	PAFZZ	5315-12-353-8419	D2330	217874	PIN,STRAIGHT,HEADLESS, TRIGGER .....	1
24	PAFZZ	5315-12-143-0212	3HN73	929081	PIN,STRAIGHT,HEADLESS .....	1
25	PAFZZ	5315-12-126-6719	D2330	928690	PIN,STRAIGHT,HEADLESS .....	1
26	PAFZZ	5340-01-563-6730	19200	13019491	DAY/NIGHT SIGHT MOUNT .....	1
27	PAFZZ	5305-01-563-1632	0B107	MHW305- 082ABN	SCREW,SOCKET HEAD,NYLOK.....	2

END OF FIGURE

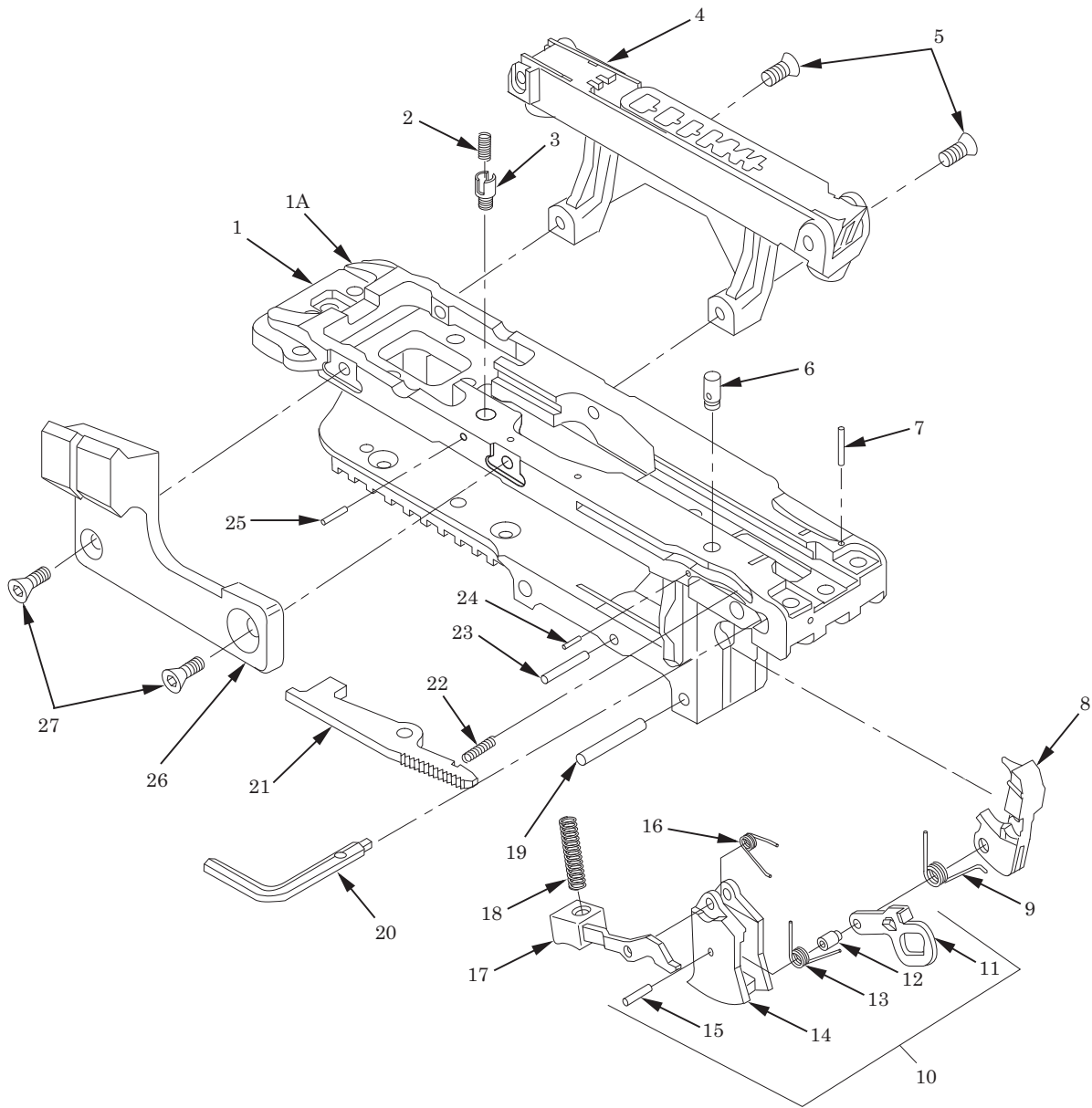


Figure 3. Receiver Assembly 233229/13019480 and Trigger Assembly 217875.

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 02, 0201	
					FIG. 3 RECEIVER ASSEMBLY 233229/13019480 AND TRIGGER ASSEMBLY 217875	
1	XAFZA		3HN73	233232	RECEIVER,M320 .....	1
1A	XAFZA		19200	13019479	RECEIVER,M320A1.....	1
2	PAFZZ	5360-12-353-9578	D2330	218509	SPRING,HELICAL COMPRESSION ..	1
3	PAFZZ	1010-12-353-8667	D2330	218508	PIN,BARREL STOP .....	1
4	PAFFF	1005-01-564-2663	19200	13019492	LEAF SIGHT ASSEMBLY (FOR ASSY BREAKDOWN SEE FIG. 7).....	1
5	PAFZZ	5305-12-353-9037	3HN73	971994	SCREW,SOCKET HEAD .....	2
6	PAFZZ	5315-01-558-6665	3HN73	203069	PIN,GROOVED BUTTSTOCK.....	1
7	PAFZZ	5315-12-344-9644	3HN73	979969	PIN, SPRING .....	1
8	PAFZZ	1010-12-353-8668	D2330	219082	HAMMER.....	1
9	PAFZZ	5360-12-353-9768	D2330	217199	SPRING,TORSION,HAMMER.....	1
10	PAFFF	1010-12-353-8685	D2330	217875	TRIGGER ASSEMBLY .....	1
11	PAFZZ	1010-12-353-8665	D2330	217878	.BAR,TRIGGER .....	1
12	PAFZZ	3120-12-353-7858	D2330	217877	.BUSHING,TRIGGER .....	1
13	PAFZZ	5360-12-353-9765	D2330	217879	.SPRING,TORSION .....	1
14	XAFZZ		D2330	217876	.TRIGGER .....	1
15	PAFZZ	5315-12-360-3776	3HN73	928485	.PIN,TRIGGER SPRING.....	1
16	PAFZZ	5360-12-353-9766	D2330	217871	.SPRING,TORSION,TRIGGER .....	1
17	PAFZZ	1010-12-353-8666	D2330	217882	LEVER,RELEASE,BARREL .....	1
18	PAFZZ	5360-12-353-9767	3HN73	233236	SPRING,HELICAL COMPRESSION ..	1
19	PAFZZ	5315-12-353-8418	D2330	217873	PIN,STRAIGHT,HEADLESS, HAMMER.....	1
20	PACZZ	5120-12-354-1599	D2330	218510	WRENCH,HEXAGON.....	1

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
21	PAFZZ	5340-01-558-6669	3HN73	233230	LEVER,LOCKING,BUTTSTOCK .....	1
22	PAFZZ	5360-01-558-6666	3HN73	203067	SPRING,HELICAL COMPRESSION, BUTTSTOCK.....	1
23	PAFZZ	5315-12-353-8419	D2330	217874	PIN,STRAIGHT,HEADLESS, TRIGGER .....	1
24	PAFZZ	5315-12-143-0212	3HN73	929081	PIN,STRAIGHT,HEADLESS .....	1
25	PAFZZ	5315-12-126-6719	D2330	928690	PIN,STRAIGHT,HEADLESS .....	1
26	PAFZZ	5340-01-563-6730	19200	13019491	DAY/NIGHT SIGHT MOUNT .....	1
27	PAFZZ	5305-01-563-1632	0B107	MHW305- 082ABN	SCREW,SOCKET HEAD,NYLOK.....	2

END OF FIGURE

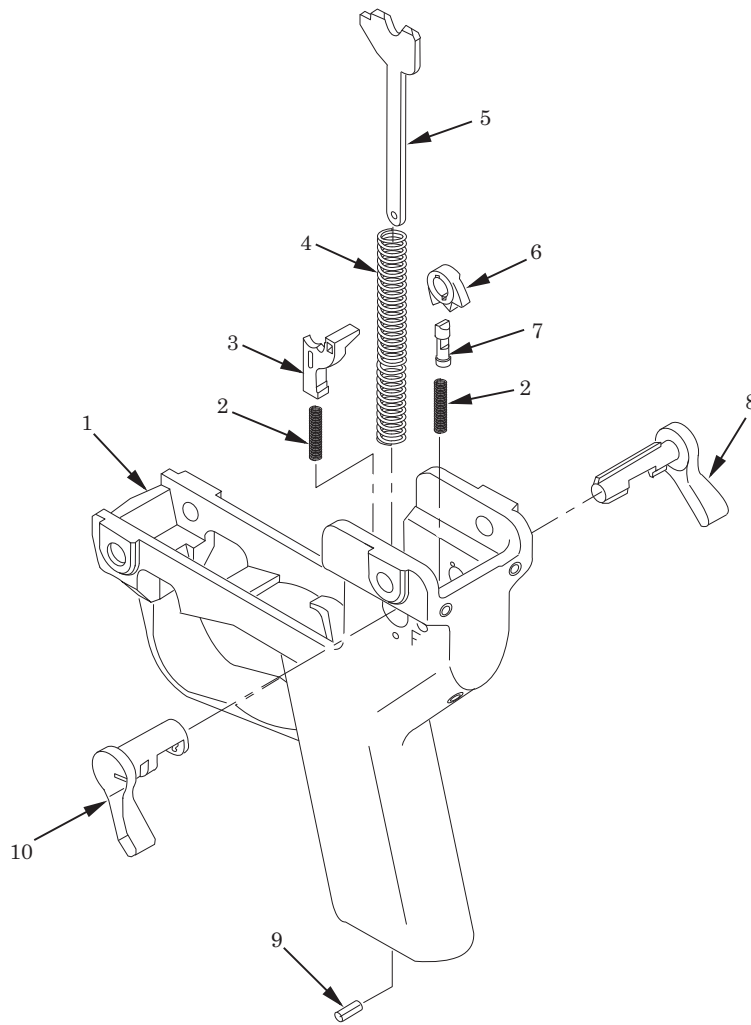


Figure 4. Pistol Grip Assembly 227781.

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 03	
					FIG. 4 PISTOL GRIP ASSEMBLY 227781	
1	XAFZZ			NPN	PISTOL GRIP .....	1
2	PAFZZ	5360-12-353-9770	D2330	217895	SPRING,HELICAL COMPRESSION ..	2
3	PAFZZ	1010-12-353-8672	D2330	217897	CATCH,SELECTOR LEVER.....	1
4	PAFZZ	5360-12-353-9769	D2330	217887	SPRING,HELICAL COMPRESSION STRUT.....	1
5	PAFZZ	1010-12-353-8670	D2330	217886	STRUT,HAMMER .....	1
6	PAFZZ	1010-12-353-8673	D2330	217898	INDEX,SELECTOR LEVER.....	1
7	PAFZZ	1010-12-353-8671	D2330	217896	PIN,SELECTOR LEVER .....	1
8	PAFZZ	1055-12-353-9031	D2330	217899	LEVER,SELECTOR,RIGHT.....	1
9	PAFZZ	5315-99-891-0178	D2330	980717	PIN,SPRING .....	1
10	PAFZZ	1055-12-353-9032	D2330	217998	LEVER,SELECTOR,LEFT .....	1

END OF FIGURE

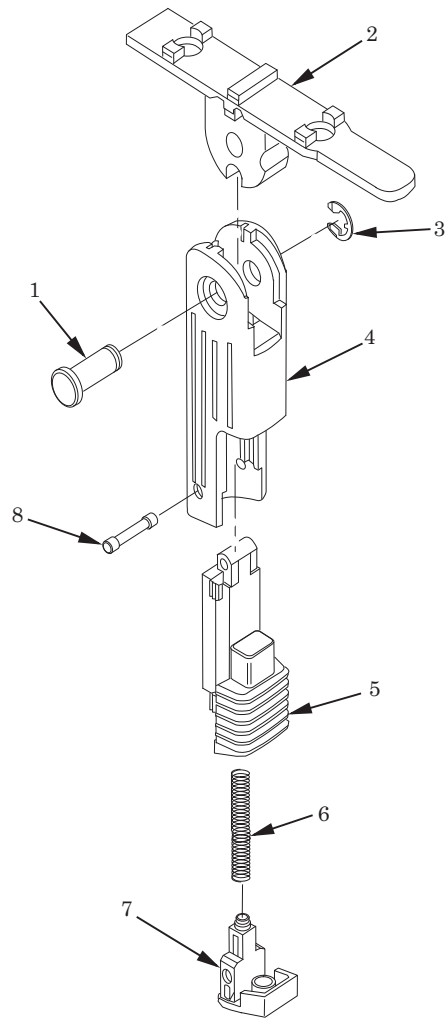


Figure 5. Vertical Grip Assembly 234627.

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 04	
					FIG. 5 VERTICAL GRIP ASSEMBLY 234627	
1	PAFZZ	1005-12-367-1912	D2330	209466	INSERT,PIN,GROOVED .....	1
2	XAFZZ		3HN73	227745	BRACKET .....	1
3	PAFZZ	5305-01-564-1840	3HN73	926321	CLIP,RETAINING.....	1
4	PAFZZ	1010-12-367-1910	D2330	209501	GRIP .....	1
5	PAFZZ	1010-12-367-1911	3HN73	241772	SLIDE.....	1
6	PAFZZ	5360-12-367-2146	D2330	209503	SPRING,HELICAL COMPRESSION ..	1
7	PAFZZ	5320-01-565-2918	3HN73	209504	INSERT .....	1
8	PAFZZ	5315-12-367-2027	D2330	209505	GRIP CAP,RETAINING PIN.....	1

END OF FIGURE



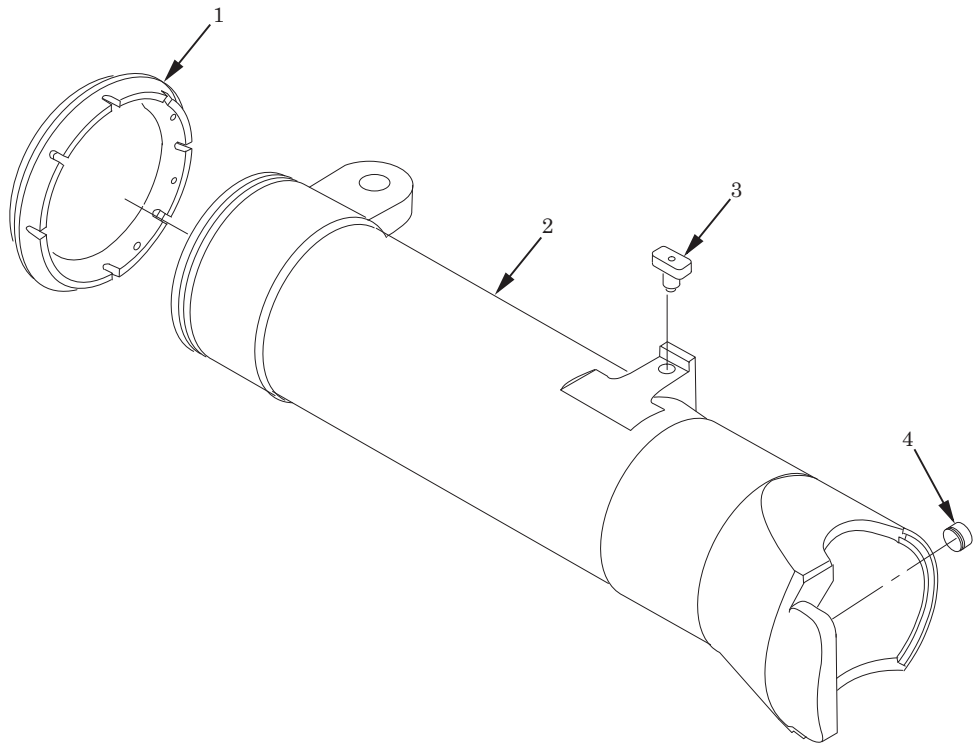


Figure 6. Barrel Assembly 233228.

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC) GROUP 05	(7) QTY
					FIG. 6 BARREL ASSEMBLY 233228	
1	PAFZZ	5340-01-558-8740	3HN73	233234	PLUG,PROTECTIVE .....	1
2	XAFZZ		3HN73	233227	BARREL.....	1
3	PAFZZ	5340-12-354-0503	D2330	217678	STOP,RUBBER .....	1
4	PAFZZ	5315-01-558-6667	3HN73	233235	PIN,RUBBER.....	1
					END OF FIGURE	

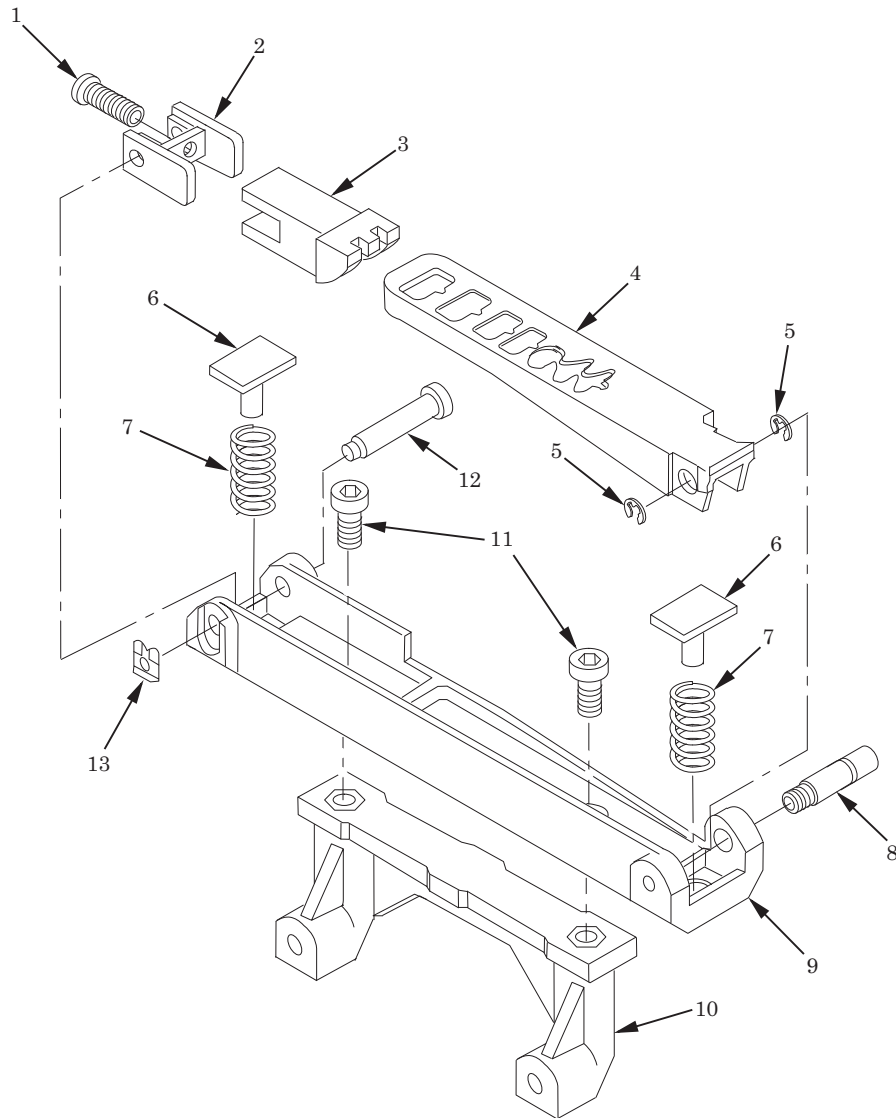


Figure 7. Leaf Sight Assembly 13019492.

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 06	
					FIG. 7 LEAF SIGHT ASSEMBLY 13019492	
1	PAFZZ	5306-12-353-7859	D2330	219305	SCREW.....	1
2	PAFZZ	1010-12-353-8676	D2330	219303	BASE,SIGHT.....	1
3	PAFZZ	1010-12-353-9036	D2330	219304	SIGHT,WEAPON.....	1
4	PAFZZ	1010-12-353-9034	3HN73	227995	SIGHT,REAR.....	1
5	PAFZZ	5325-12-156-4667	D2330	926005	RING,RETAINING.....	2
6	PAFZZ	5315-12-353-8420	D2330	219301	PISTON,SPRING.....	2
7	PAFZZ	5360-12-353-8677	D2330	988633	SPRING,HELICAL COMPRESSION ..	2
8	PAFZZ	5305-12-353-9035	D2330	219302	SCREW.....	1
9	PAFZZ	1010-12-353-8675	D2330	219138	BASE,SIGHT.....	1
10	XAFZZ		D2330	218437	SUPPORT,SIGHT.....	1
11	PAFZZ	5305-12-356-5350	D8286	DIN7984- M5X10-8.8- A2D	SCREW.....	2
12	PAFZZ	5315-12-353-8521	D2330	219306	PIN,SIGHT.....	1
13	PAFZZ	5340-12-145-4978	D2330	986551	CLIP,RETAINING.....	1

END OF FIGURE

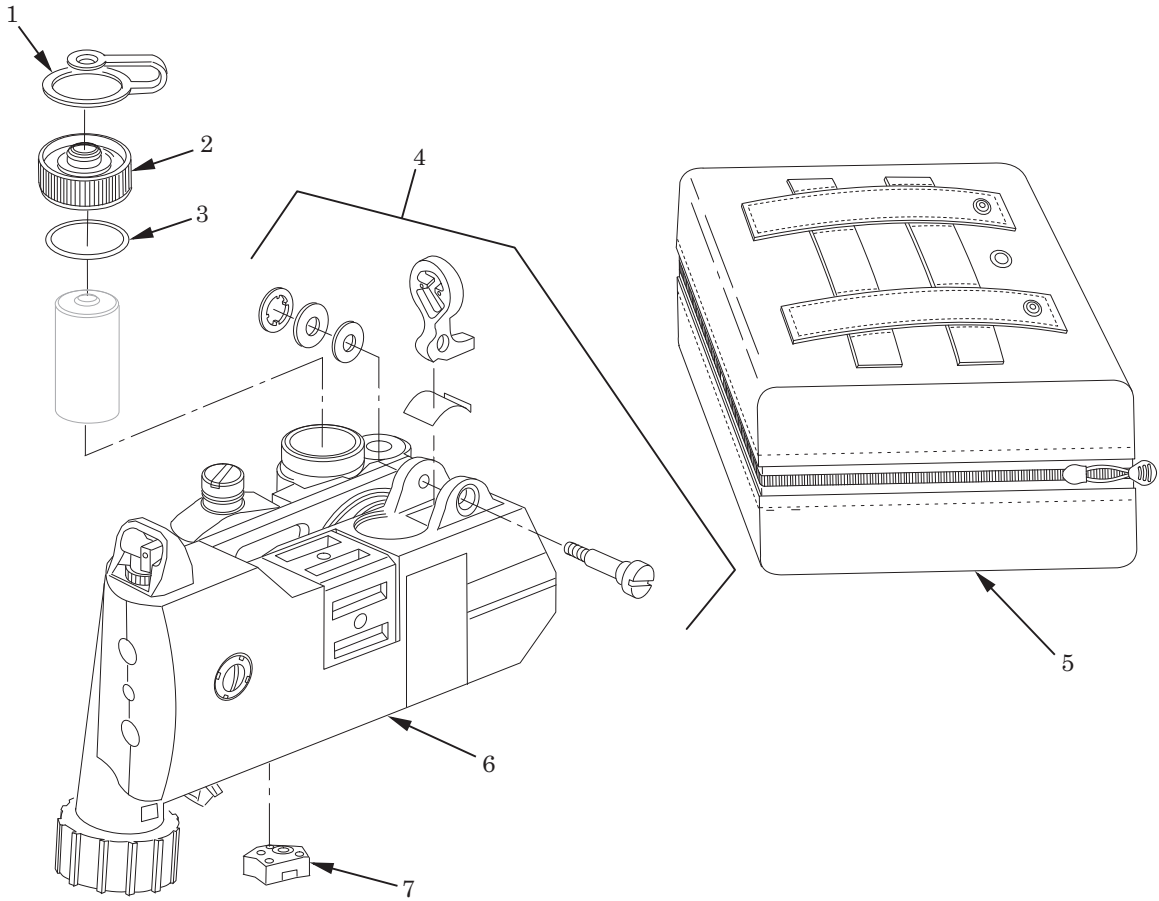


Figure 8. Day/Night Sight Assembly 13019494.

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC) GROUP 07	(7) QTY
					FIG. 8 DAY/NIGHT SIGHT ASSEMBLY 13019494	
1	PAFZZ	1240-01-536-9661	0B107	MFL-173	STRAP,RETAINING .....	1
2	PAFZZ	6160-01-563-2601	0B107	XM8-249	CAP,BATTERY .....	1
3	PAFZZ	5331-01-537-0498	0B107	AS-568A- 018S70	O-RING.....	1
4	PAFZZ	6680-01-564-2662	0B107	EGL-320-A1	REAR SIGHT KIT .....	1
					CONSISTING OF: RING,RETAINING (PART OF REAR SIGHT KIT EGL-320-A1).....	1
					WASHER,FLAT (PART OF REAR SIGHT KIT EGL-320-A1).....	1
					WASHER,NYLON (PART OF REAR SIGHT KIT EGL-320-A1).....	1
					SIGHT,REAR (PART OF REAR SIGHT KIT EGL-320-A1).....	1
					SPRING,REAR SIGHT (PART OF REAR SIGHT KIT EGL-320-A1) .....	1
					SCREW,REAR SIGHT (PART OF REAR SIGHT KIT EGL-320-A1) .....	1
5	PAFZZ	8465-01-565-2725	0B107	EGL-442	CASE,CARRYING .....	1
6	XAFZZ			NPN	SIGHT UNIT.....	1
7	PAFZZ	5355-01-454-4026	0B107	ITP-022	BLOCK,SAFETY .....	1

END OF FIGURE

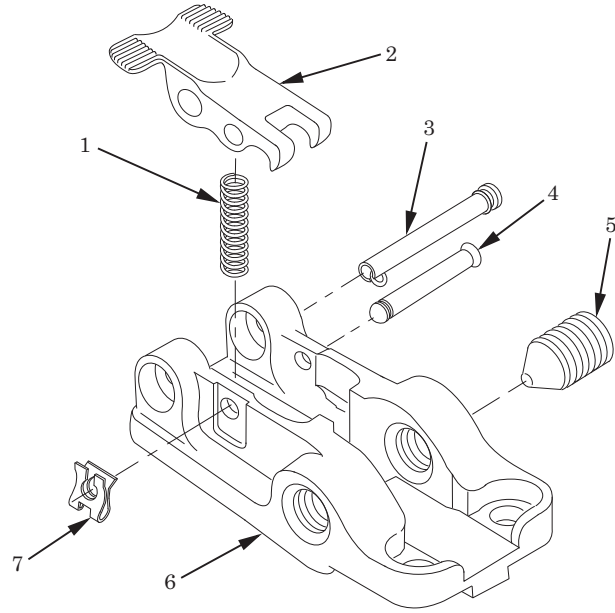


Figure 9. M16 Front Mounting Adapter 233446.

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC) GROUP 08	(7) QTY
					FIG. 9 MOUNTING ADAPTER, FRONT, M16 233446	
1	PAFZZ	5360-01-562-8094	3HN73	227751	SPRING.....	1
2	PAFZZ	1005-01-563-1631	3HN73	227748	LATCH .....	1
3	PAFZZ	5315-01-562-8096	3HN73	241773	PIN,LOCKING.....	1
4	PAFZZ	5315-01-563-0154	3HN73	227749	PIN.....	1
5	PAFZZ	5305-01-563-0159	3HN73	218507	SCREW.....	1
6	XAFZZ		3HN73	233447	MOUNTING BRACKET,FRONT .....	1
7	PAFZZ	5340-01-562-8095	3HN73	986551	CLIP.....	1

END OF FIGURE



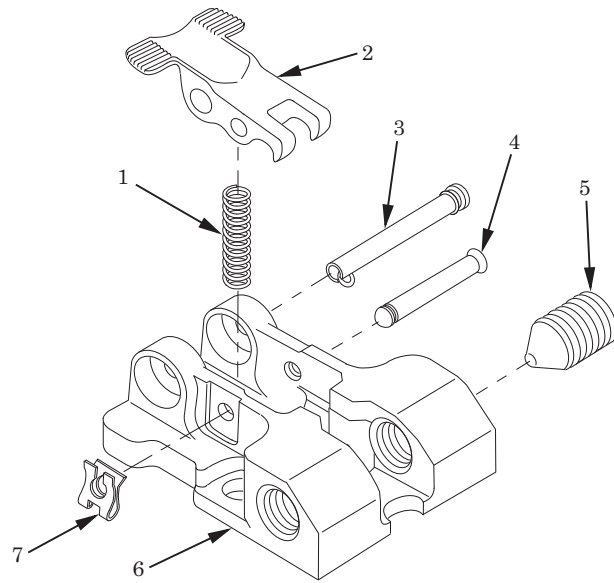


Figure 10. M4 Front Mounting Adapter 233455.

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC) GROUP 09	(7) QTY
					FIG. 10 MOUNTING ADAPTER, FRONT, M4 233455	
1	PAFZZ	5360-01-562-8094	3HN73	227751	SPRING.....	1
2	PAFZZ	1005-01-563-1631	3HN73	227748	LATCH .....	1
3	PAFZZ	5315-01-562-8096	3HN73	241773	PIN,LOCKING.....	1
4	PAFZZ	5315-01-563-0154	3HN73	227749	PIN.....	1
5	PAFZZ	5305-01-563-0159	3HN73	218507	SCREW.....	1
6	XAFFF		3HN73	233456	MOUNTING BRACKET,FRONT .....	1
7	PAFZZ	5340-01-562-8095	3HN73	986551	CLIP.....	1

END OF FIGURE

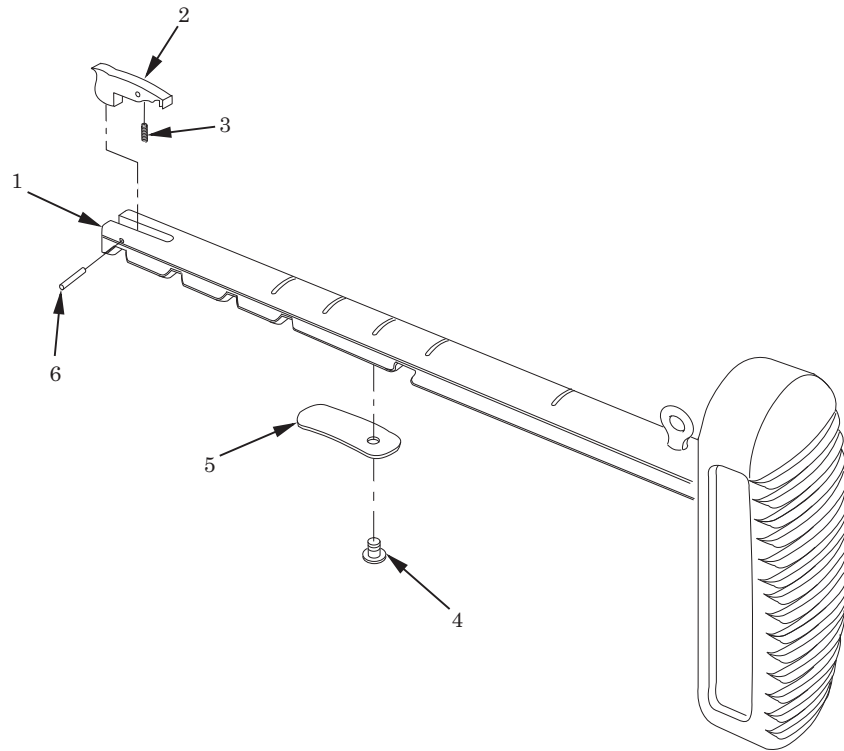


Figure 11. Buttstock Assembly 13019496.

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC) GROUP 10	(7) QTY
					FIG. 11 BUTTSTOCK ASSEMBLY 13019496	
1	XAFZZ		3HN73	233500	BUTTSTOCK.....	1
2	PAFZZ	5340-01-563-2597	3HN73	203080	LATCH .....	1
3	PAFZZ	5360-01-563-2599	3HN73	234076	LATCH,SPRING.....	1
4	PAFZZ	5305-01-565-6688	3HN73	979431	SCREW.....	1
5	PAFZZ	5360-01-563-1626	3HN73	233499	SPRING,FLAT.....	1
6	PAFZZ	5315-01-563-2600	3HN73	929174	PIN,SPRING .....	1
					END OF FIGURE	

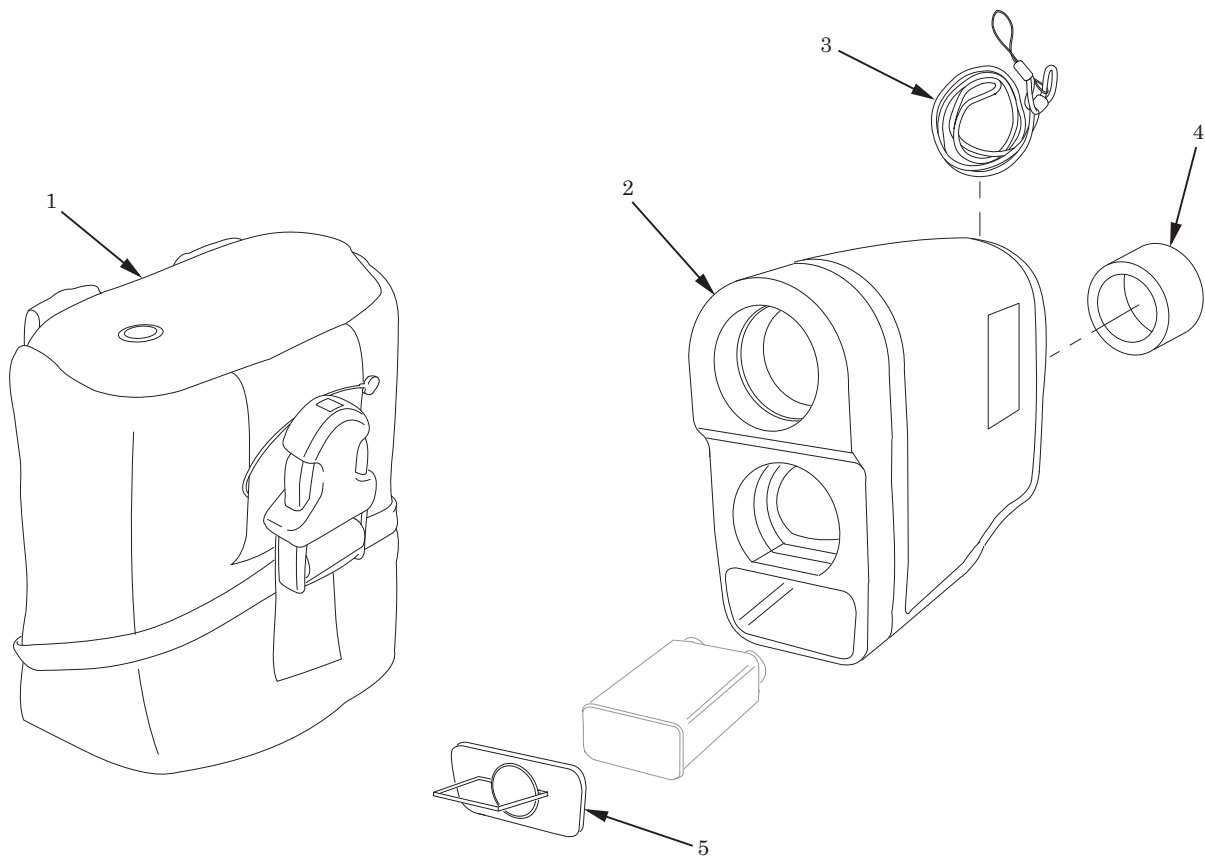


Figure 12. Laser Range Finder Assembly 13019493.

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 11	
					FIG. 12 LASER RANGE FINDER ASSEMBLY 13019493	
1	PACZZ	8465-01-567-0900	13711	2544	CASE .....	1
2	XACKK			NPN	LASER RANGE FINDER UNIT .....	1
3	PACZZ	5340-01-563-2598	13711	LR02	STRAP, CARRYING.....	1
4	PACZZ	1240-01-562-8088	13711	LR04	EYECUP.....	1
5	PACZZ	6160-01-562-8089	13711	LR03	COVER, BATTERY COMPARTMENT .....	1
					END OF FIGURE	

END OF WORK PACKAGE

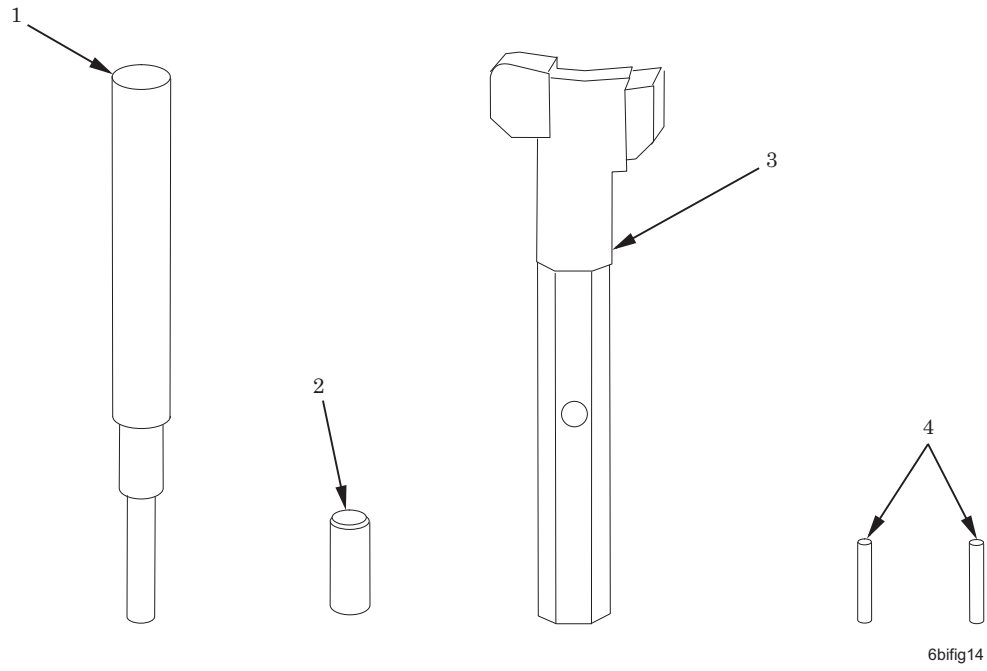


Figure 13. Special Tools.

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 9500	
					FIG. 13 SPECIAL TOOLS	
1	PAFZZ	5315-01-565-5502	3HN73	352486	STEPPED PUNCH .....	1
2	PAFZZ	5315-01-565-4813	3HN73	978227	TRIGGER SLAVE PIN .....	1
3	PAFZZ	4933-12-375-8147	3HN73	352485	HAMMER STRUT TOOL .....	1
4	PAFZZ	5315-01-135-4802	19200	1348416	ASSEMBLING PIN .....	2

END OF FIGURE

END OF WORK PACKAGE