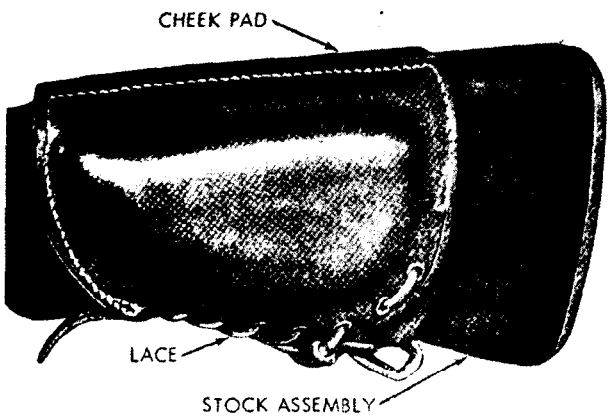
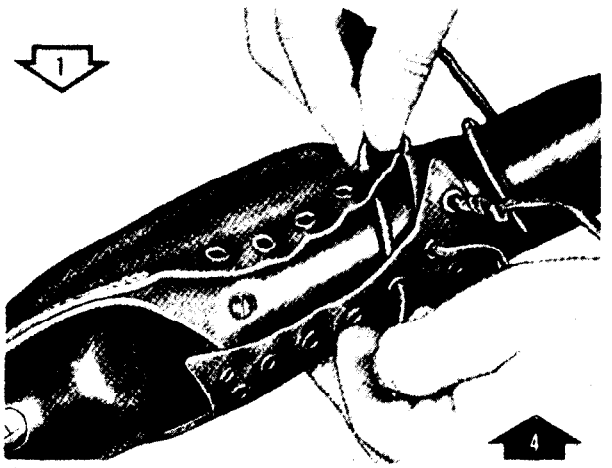
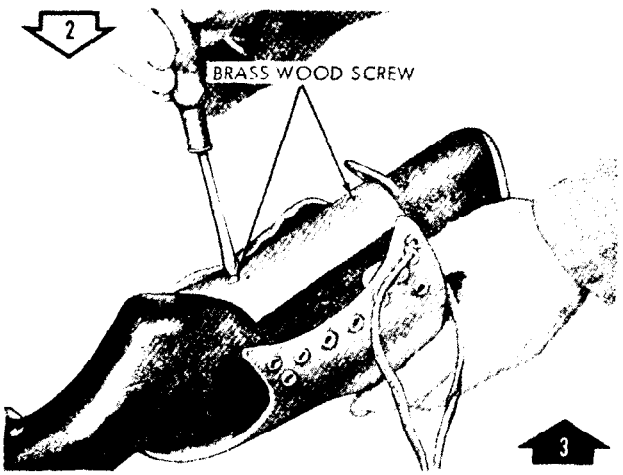


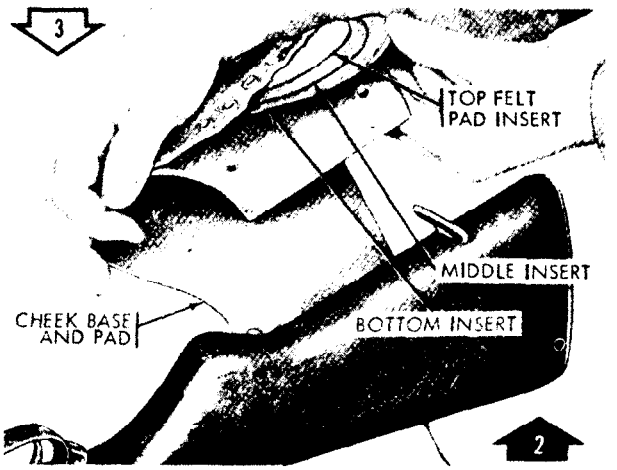
CHEEK PAD WITH LACE INSTALLED ON RIFLE, M1C OR M1D.



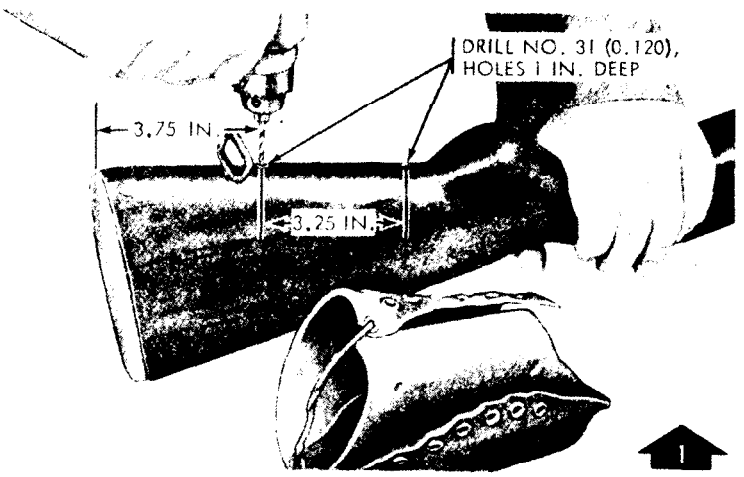
DISASSEMBLE/ASSEMBLE LACE.



DISASSEMBLE/ASSEMBLE WOOD SCREW.



REMOVE/INSTALL CHEEK PAD.



DRILLING HOLES IN STOCK ASSEMBLY FOR ASSEMBLING WOOD SCREWS.

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Figure 5-39. Disassembly of cheek pad for rifles M1C and M1D (Sniper's).

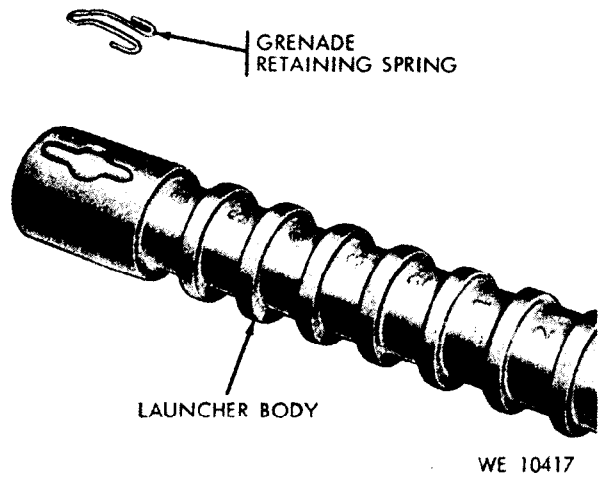


Figure 5-40. Disassembly/assembly of grenade launcher M7A3.

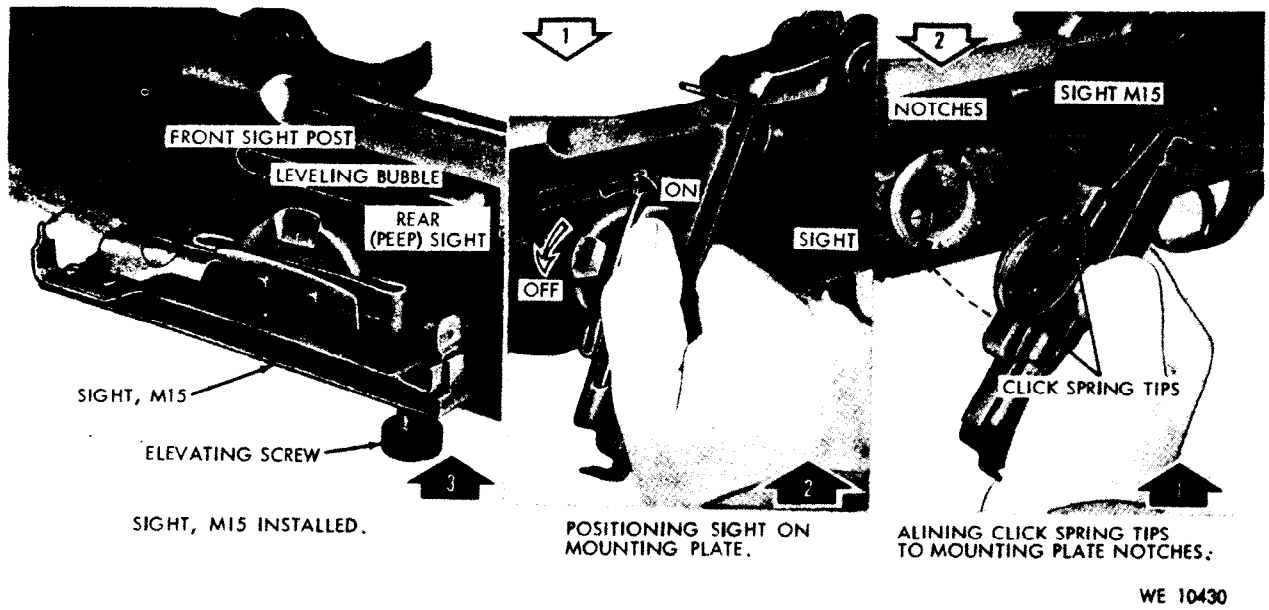


Figure 5-41. Remove/install grenade launcher sight M15.

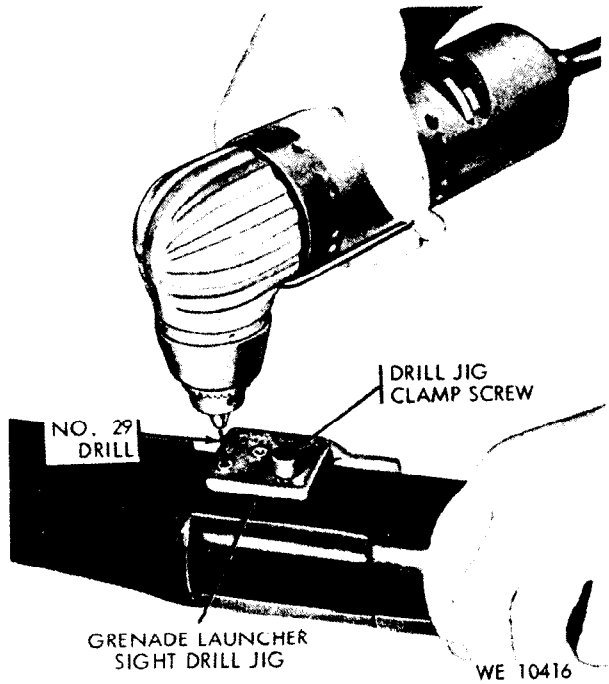
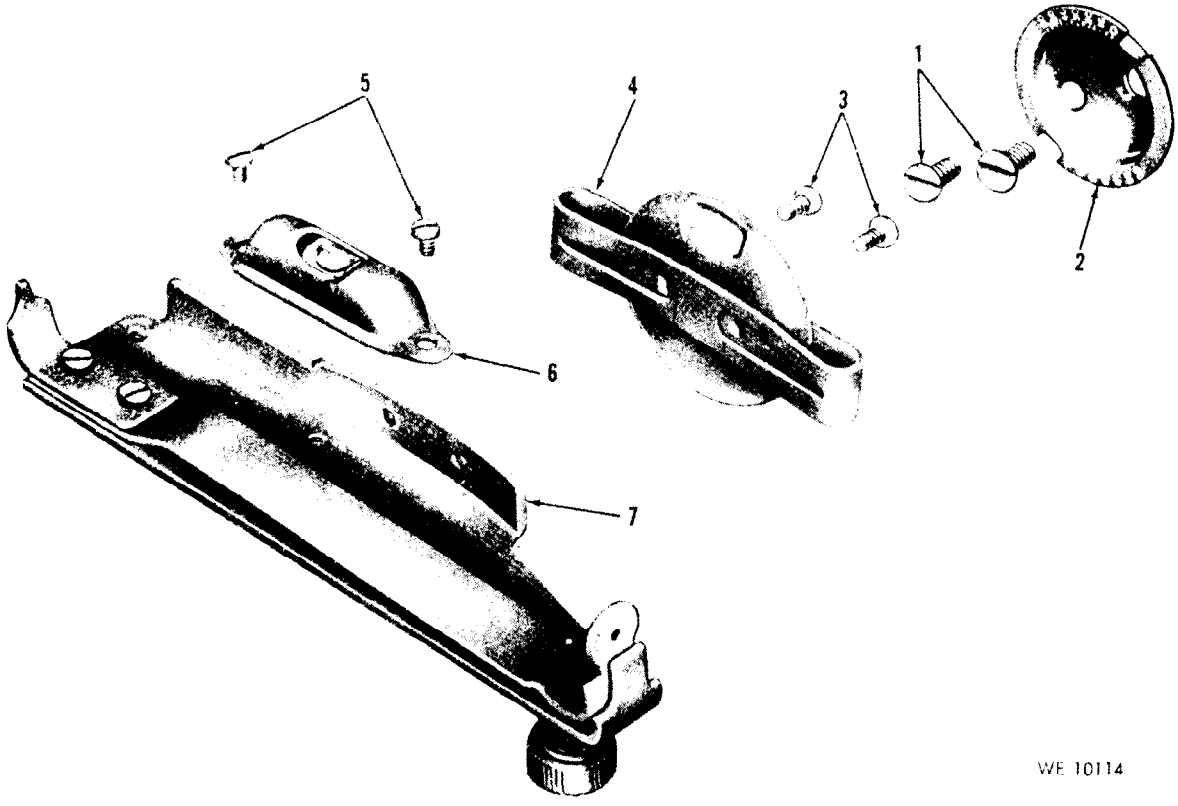


Figure 5-42. Drilling stock assembly using grenade launcher sight jig.



1 - Screw 7310009
2 - Plate 7311859
3 - Screw 7310095
4 - Bracket and Spring
5 - Screw 7310093
6 - Level Assembly 7310097
7 - Body 7310096

Figure 5-43. Grenade launcher sight M15 - exploded view.

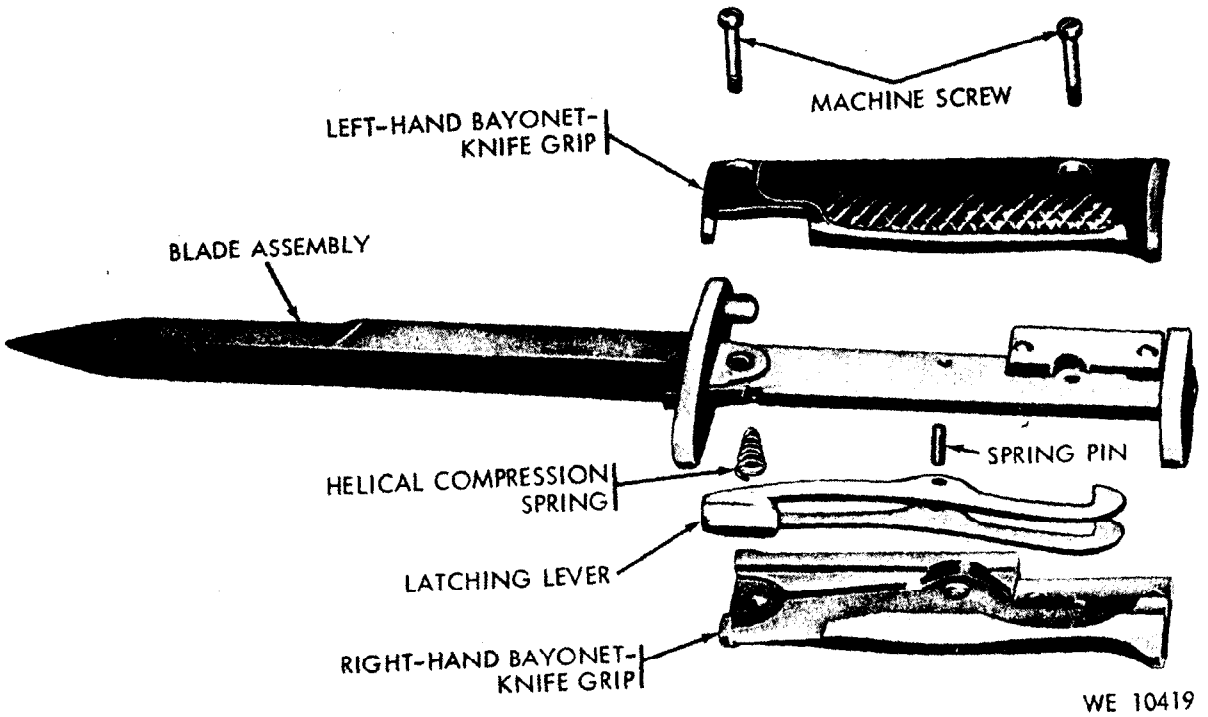


Figure 5-44. Disassembly/assembly of bayonet-knife M5.

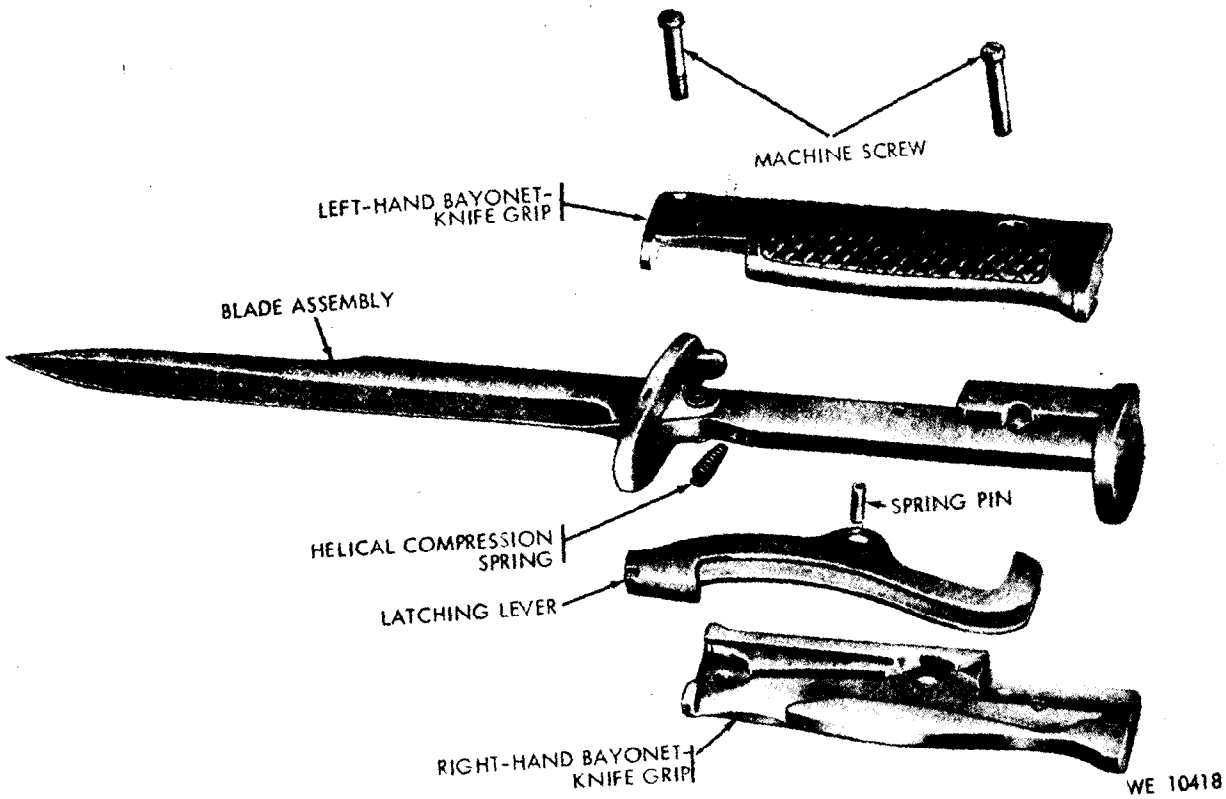


Figure 6-45. Disassembly/assembly of bayonet-knife M5A1.

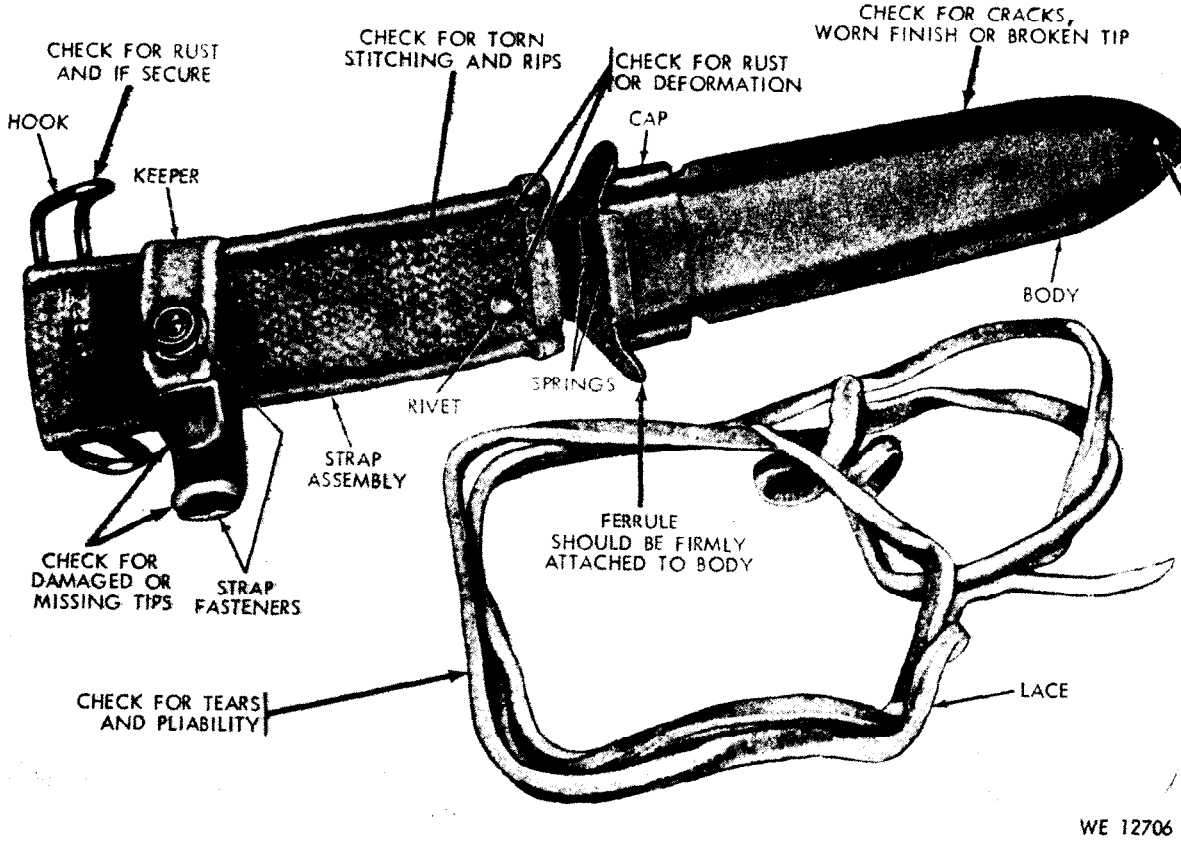


Figure 5-46. Inspection points for scabbard-bayonet knife M8A1.

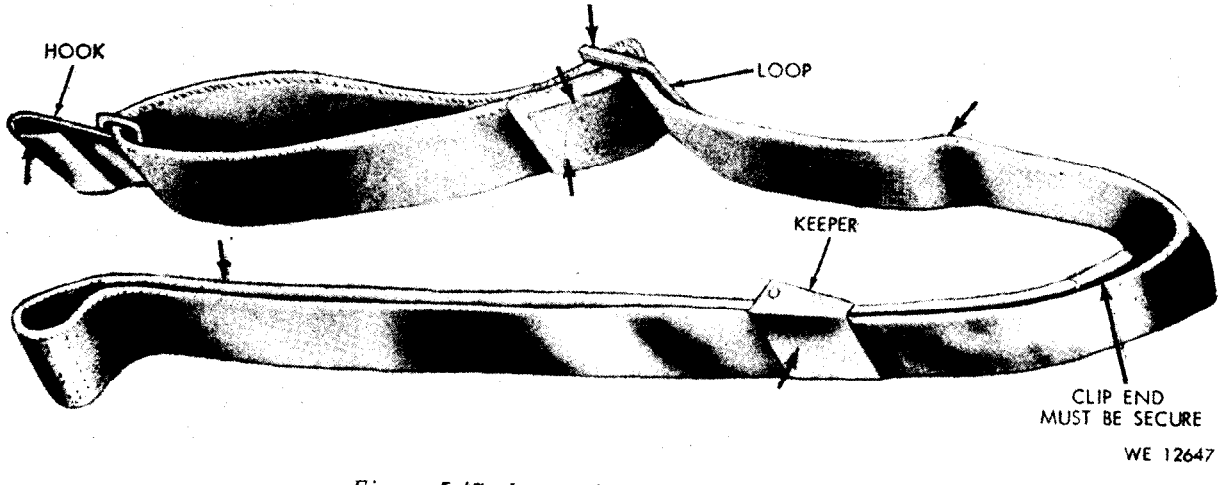


Figure 5-47. Inspection points for sling M1.

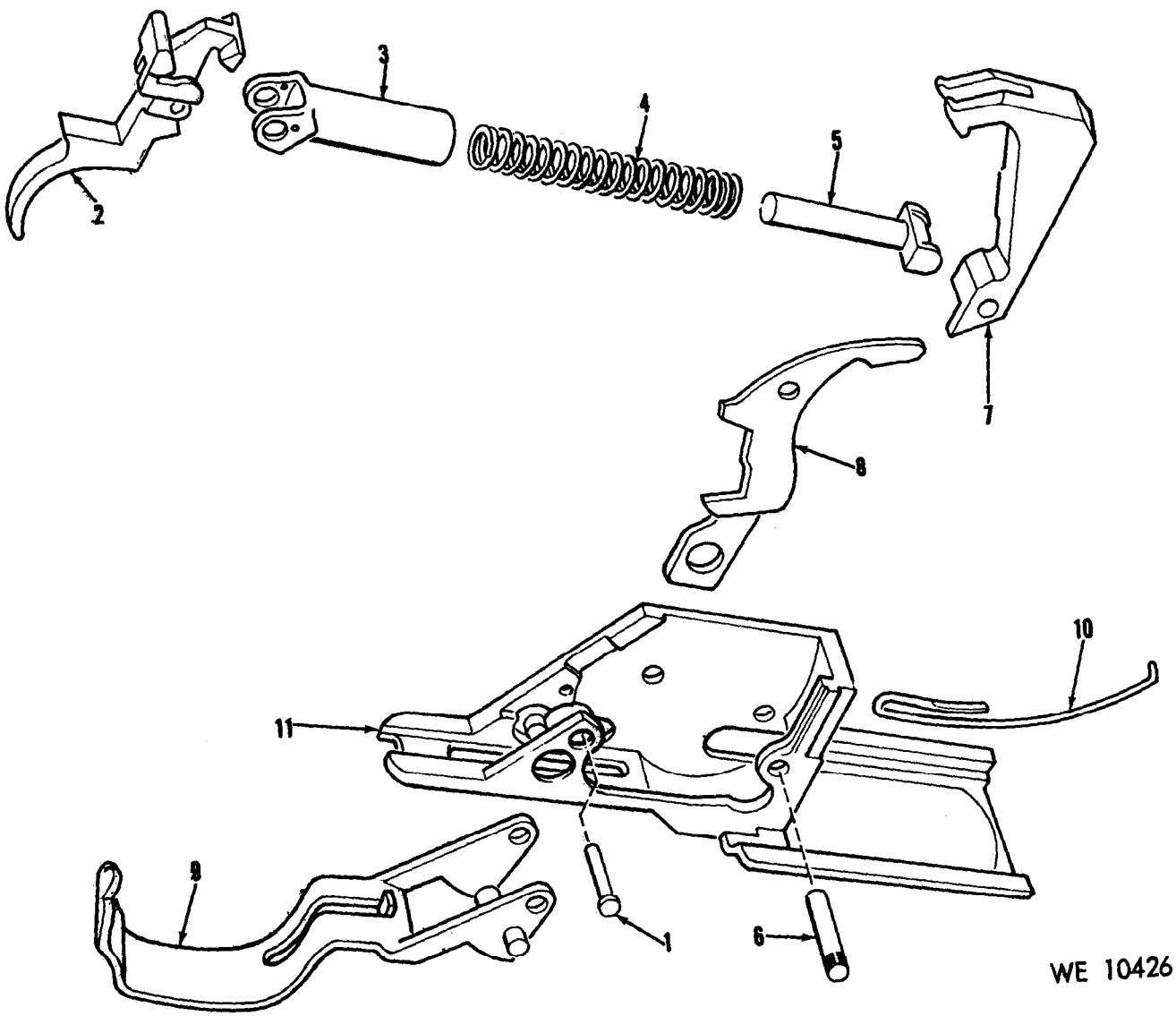


Figure 5-48. Trigger housing assembly 6528297 - exploded view.

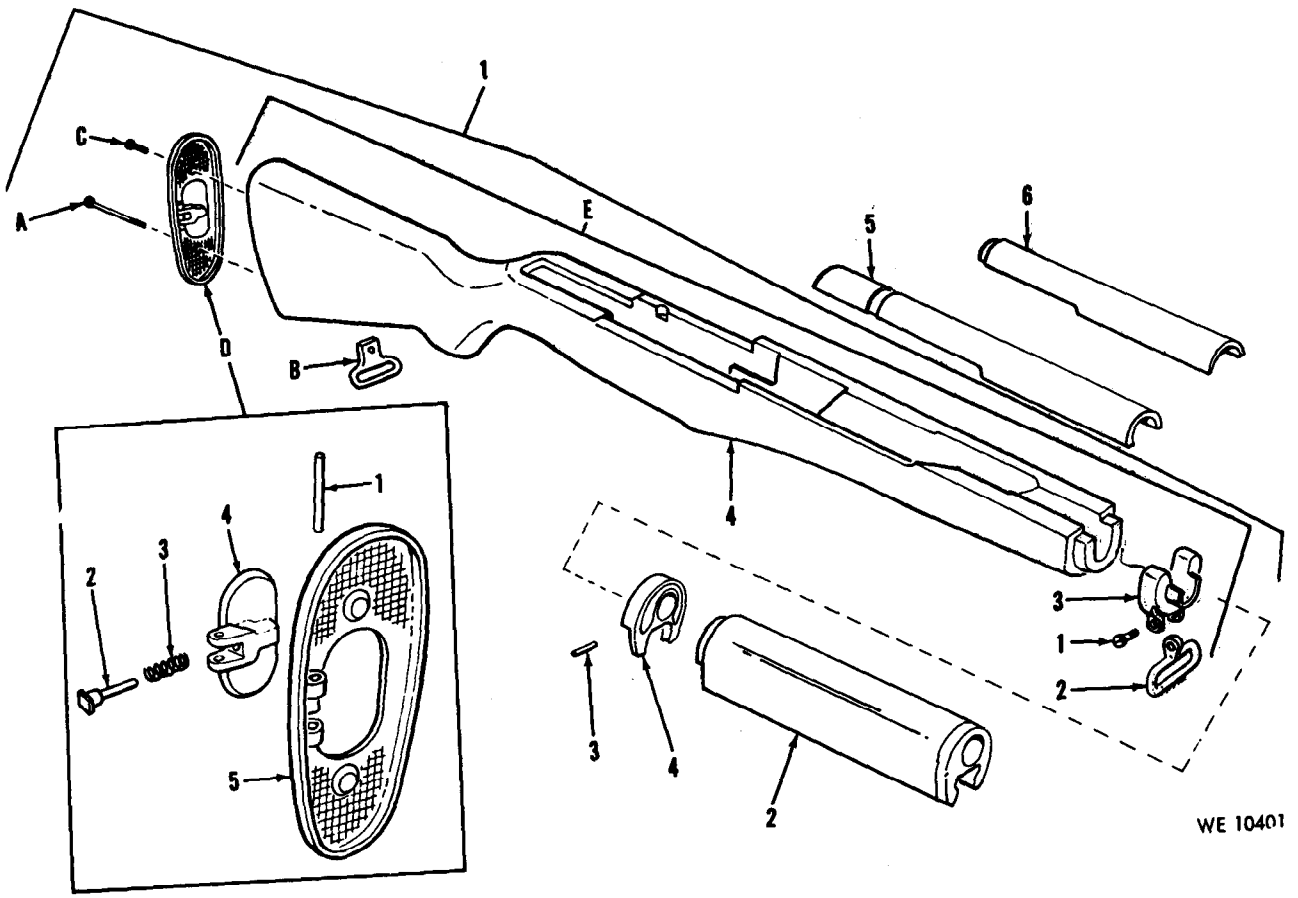


Figure 5-49. Stock assembly and gun hand guard group - exploded view.

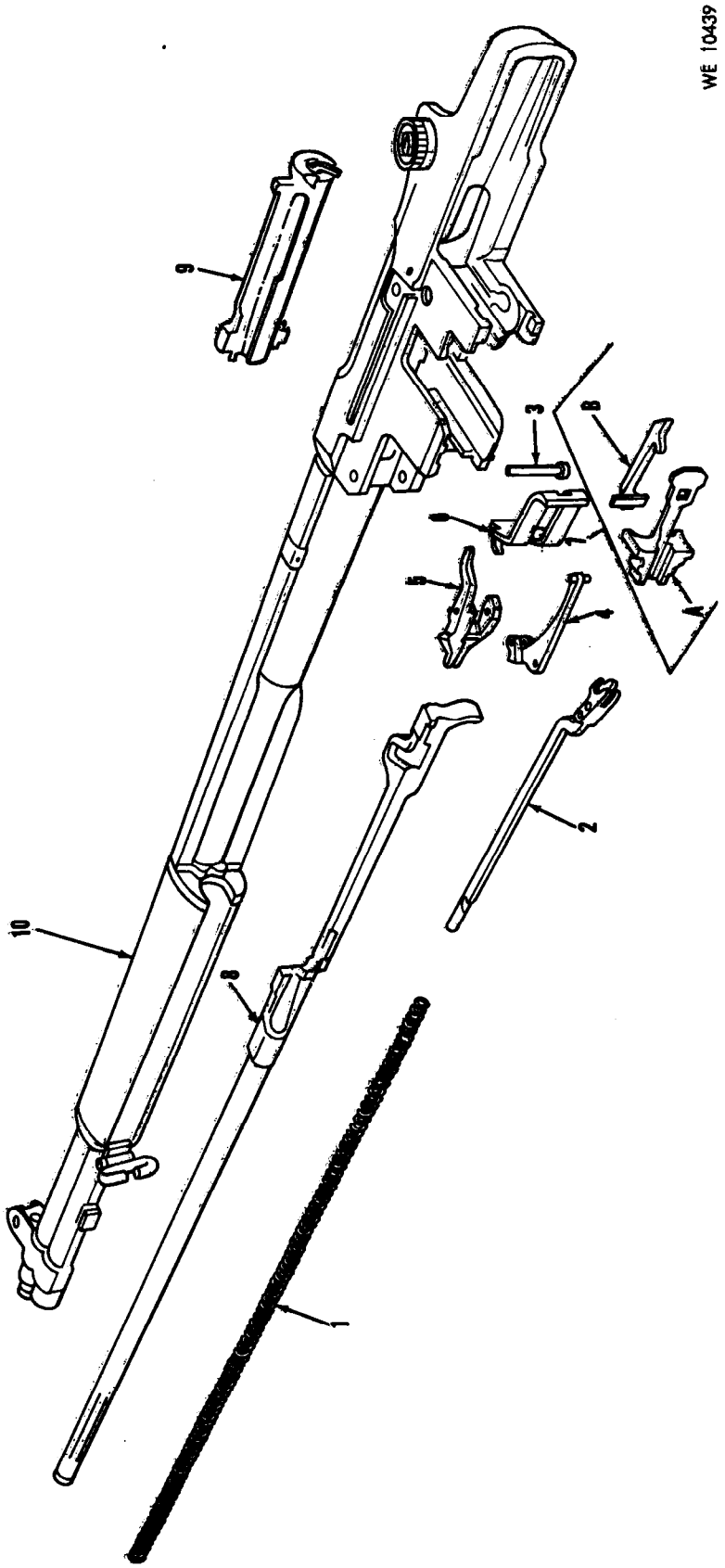


Figure 5-50. Follower group - exploded view.

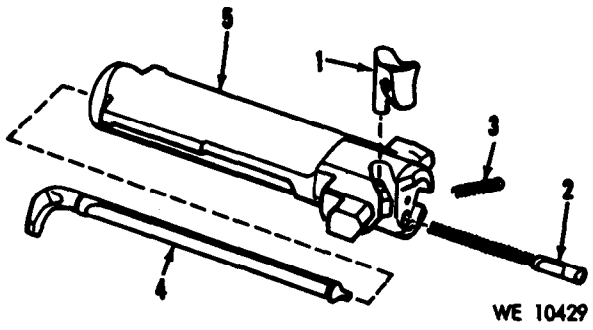


Figure 5-51. Bolt assembly 5546023 - exploded view

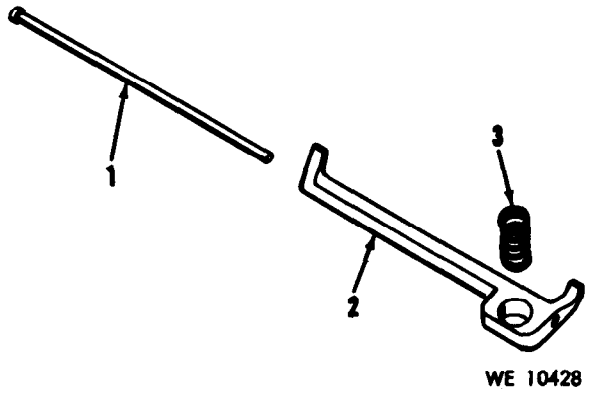


Figure 5-52. Latch group - exploded view.

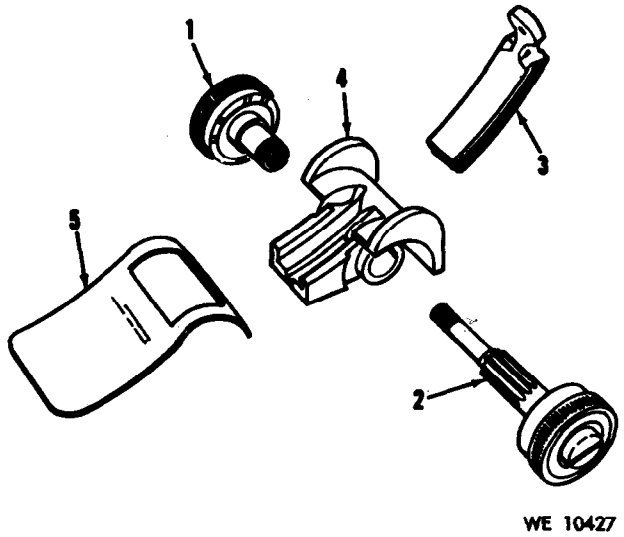


Figure 5-53. Rear sight group - exploded view.

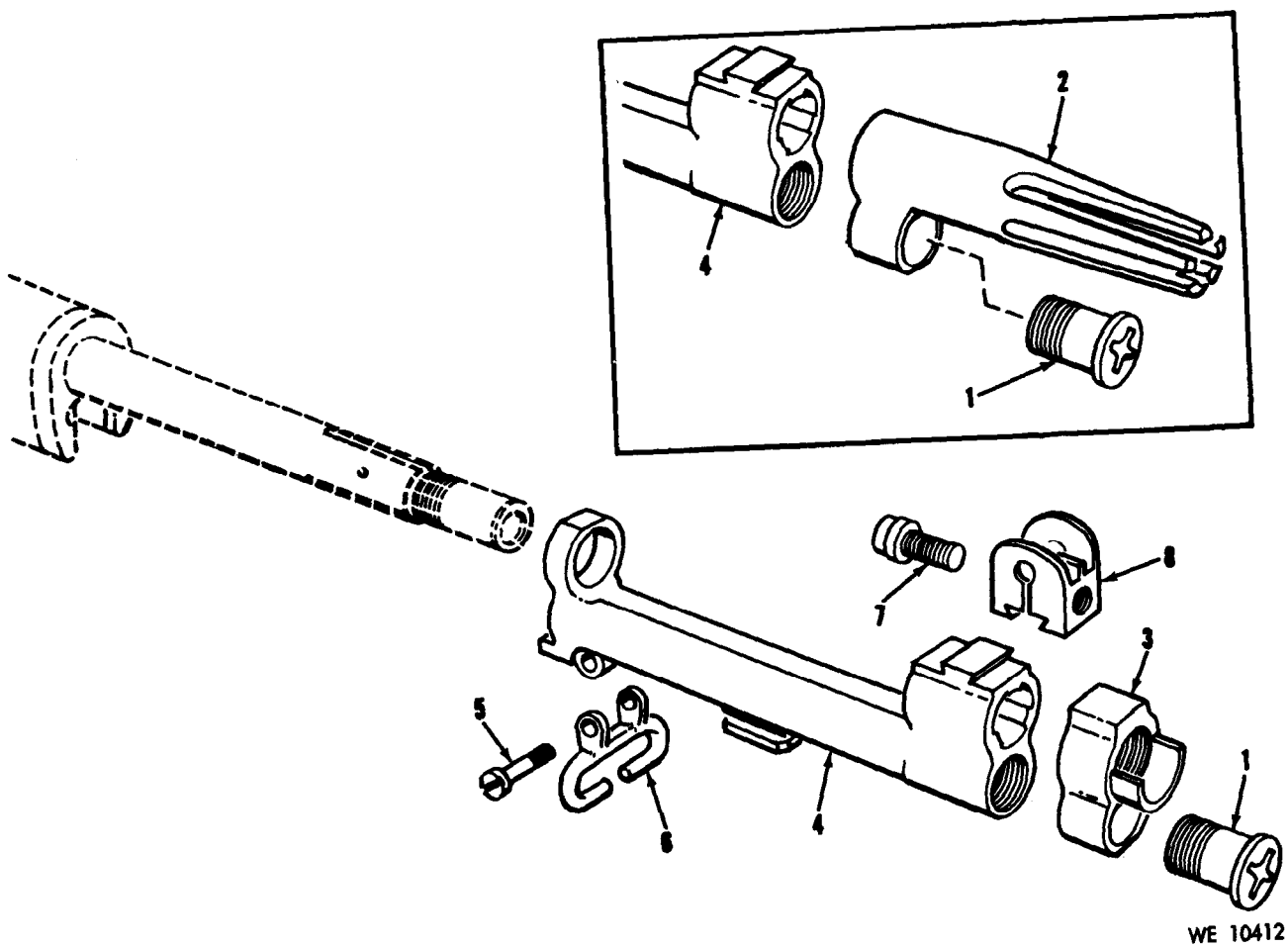


Figure 5-54. Gas cylinder group - exploded view.

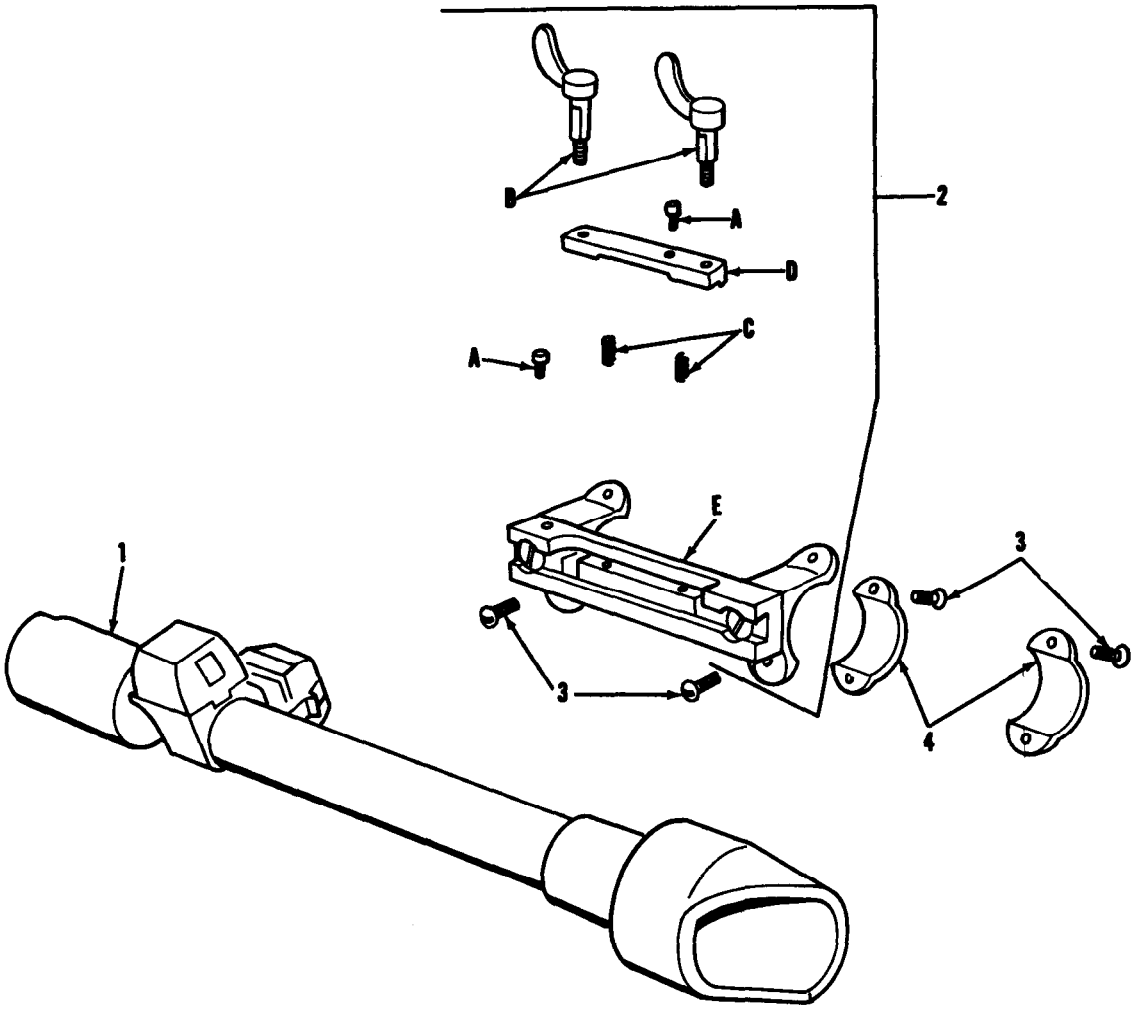


Figure 5-55. Telescope mount assembly for rifle M1C (Sniper's) - exploded view.

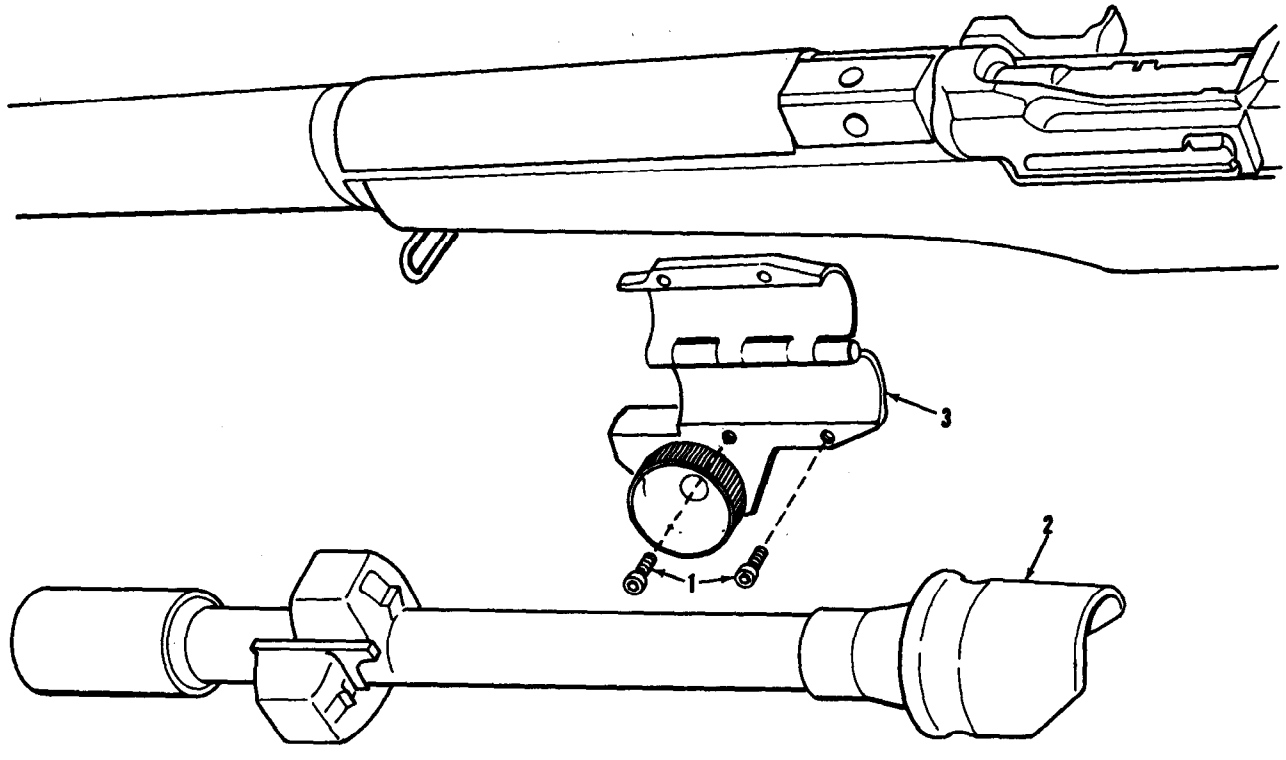


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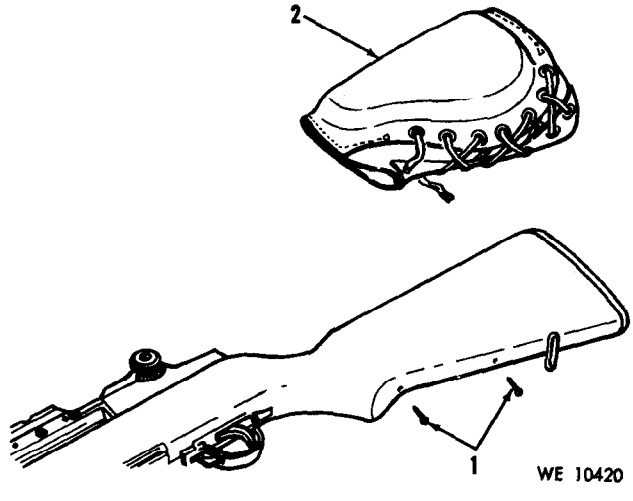
Figure 5-56. Telescope mounting bracket assembly for rifle M1D (Sniper's) - exploded view.



WE 10420

Figure 5-57. Cheek pad for rifles M1C and M1D (Sniper's) - exploded view.

Section II. GAGING HEADSPACE

5-2. Gaging Headspace

See figure 5-35.

Section III. TIMING RIFLE

5-3. Timing Rifle

See figure 5-36.

CHAPTER 6
FINAL INSPECTION

6-1. General

The rifles must meet the limits of serviceability as indicated by the repair standards in chapter 7. Gaging is limited to those dimensions that are critical or that may be more advantageously measured than repaired.

6-2. Visual Inspection

Overall appearance will be approximately that of a new weapon. All exposed metal surfaces are to have a dull, rust resistant finish with no burs or deep scratches. Barrels must be straight, clean, free of rust, powder fouling, bulges, cracks and rings. All applicable modifications must be applied. The serial numbers must be legible.

CHAPTER 7

REPAIR STANDARDS

7-1. General

The repair standards included herein give the minimum and maximum measurements of repaired parts; those beyond the limits will be replaced by new parts.

7-2. Specific

a. Bolt Assembly.

Fig. No.	*Point of Measurement*	*Repair Standards*	
		Minimum	*Maximum*
5-17.	Firing pin protrusion	0.044 in. (overseas)	0.060 in.

b. Gas Cylinder Group.

Fig. No.	*Point of Measurement*	*Repair Standards*	
		Minimum	*Maximum*
5-23.	Gas cylinder bore	0.5320 in.	—

c. Follower Group.

Fig. No.	*Point of Measurement*	*Repair Standards*	
		Minimum	*Maximum*
5-14.	Operating rod gas piston diameter	0.525 in.	—

d. Trigger Housing Assembly.

Fig. No.	*Point of Measurement*	*Repair Standards*	
		Minimum	*Maximum*
5-5.	Trigger-trigger pull	*M1*	
		5.5 lb	7.5 lb
		M1C and M1D (Sniper's)	
		4.5 lb	6.5 lb

e. Barrel and Receiver Group.

Fig. No.	*Point of Measurement*	*Repair Standards*	
		Minimum	*Maximum*
5-31.	Throat of chamber	0.306 in. (overseas)	0.310 in. (hands of troops)
5-32.	Barrel gas port	0.5991 in. outer (overseas)	

CHAPTER 8
OVERHAUL PROCEDURES

8-1. General

Overhaul procedures are similar to those contained in chapter 5. Repair parts are listed in appendix II. For further details on overhaul, contact Command General, Headquarters, U.S. Army Weapons Command, Attn: AMSWE-SMM-SA, Rock Island Arsenal, Rock Island, Illinois 61201.