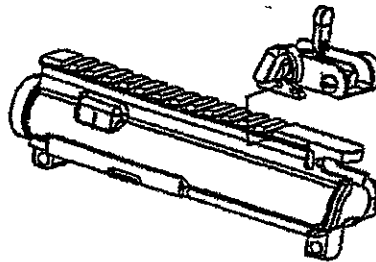


28 August 2002

**BACKUP IRON SIGHT (BUIS)  
PN 12996812  
NSN 1005-01-484-8000**

**MOUNTING INSTRUCTIONS: Backup Iron Sight (BUIS)**

The BUIS **must** be mounted in the rearmost slot on the upper receiver for the range adjustments and the zeroing procedures to be correct. Using the Locking Bar, PN 12996823, NSN 5305-01-484-7999 and the Recoil Screw, PN 12996824, NSN 5305-01-484-7075, align the Recoil Screw in the rearmost slot with the range scale facing rearward. Make sure the BUIS is flat on the receiver rail with the angled edge under the upper receiver rail. Tighten the screw until the BUIS doesn't slide forward or rearward by hand force, then tighten an additional 1/4 turn. Do not overtighten. The Recoil Screw has a locking patch on the threads so it must be replaced if removed.



**ZEROING INSTRUCTIONS**

To zero the **M4/M4A1** Carbine, turn the range knob until the line on the sight cam on the left side is aligned with the 300 meter mark. Use the 25-meter zero target for the M4 Carbine and center your rounds by adjusting the weapon front sight post and the BUIS windage adjustment knob.

To zero the **M16A4** Rifle, turn the range knob until the line on the sight cam on the left side is aligned with the white line between the 300 and 400 meter marks. This mark is a half notch location, so it's more difficult to align. Use the 25-meter zero target for the M16A2/M16A4 Rifle and center your rounds by adjusting the weapon front sight post and the BUIS windage adjustment knob.

**LUBRICATION INSTRUCTIONS**

The BUIS should be lubricated the same as we do the weapon rear sight assembly. It should be given an overall light coat of lube. The sight cam when rotated to the 600 meter mark has a hole in the bottom to lubricate the inside spring and ball bearing with 2 or 3 drops of lube. The plunger and spring underneath the flip-up sight frame needs 2 or 3 drops of lube. The windage knob has a hole in the side to lubricate the inside spring and ball bearing with 2 or 3 drops of lube. The windage screw needs to be lubricated on the threads and worked in by side-to-side movement before returning to the original zeroing mark.