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Projectile	Grain Weight	Black Powder Charge (Grains)	Muzzle Velocity (feet Per Second)	Muzzle Energy (foot Pounds)
.54 CALIBER SABOTED PROJECTILES				
Cobra-Lok [®]		90 grs. FFg	1410 f.p.s.	1337 ft.-lbs.
JHP [®]	303	100 grs. Hg	1460 f.p.s.	1435 ft.-lbs.
		110 grs. FFg	1510 f.p.s.	1534 ft.-lbs.
		120 grs. Hg Max.	1565 f.p.s.	1646 ft.-lbs.
.54 CALIBER LEAD LUBED CONICALS				
Gamemaster [™]		90 grs. Hg	1230 f.p.s.	1355 ft.-lbs.
Flat Base	400	100 grs. FFg	1290 f.p.s.	1478 ft.-lbs.
Hollow Point		110 grs. FFg	1355 f.p.s.	1631 ft.-lbs.
		120 grs. FFg Max.	1410 f.p.s.	1766 ft.-lbs.
.54 CALIBER ROUND BALL				
Premier [®]		90 grs. FFg	1600 f.p.s.	1416 ft.-lbs.
Golden [™] Load	226	100 grs. FFg	1760 f.p.s.	1534 ft.-lbs.
.530" Dia. Ball		110 grs. FFg	1830 f.p.s.	1680 ft.-lbs.
		120 grs. Hg Max.	1900 f.p.s.	1928 ft.-lbs.

To Adjust Sights

This Remington[®] Model 700[™] ML is equipped with a fully adjustable rear sight. It can be adjusted for both windage (left to right) and elevation (up and down).

TO ADJUST THE REAR SIGHT

Move the rear sight slide for elevation adjustment. Move the slide in the same direction as you need the point of impact of the target to move. See Figure 14 and the Information table.

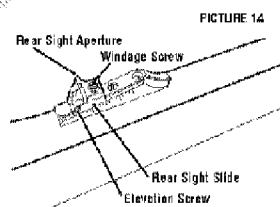


FIGURE 14

TELESCOPIC SIGHTS:

The top of the receiver has holes for the installation of telescopic sights. The same Model 700 two-piece scope mounts that fit the centerfire rifles will fit on this muzzleloader. Model 700 Short Action one-piece scope mounts will also fit.

NOTE: The use of telescopic sights are **illegal** in some areas during the big game muzzleloading season. Be sure to check the regulations in the area you will be hunting before installing the scope.

How to Use the Weather Shroud

This Remington Model 700 ML is shipped with an optional weather shroud.

The shroud is placed on the end of the bolt assembly to protect the percussion cap from inclement weather. This shroud will decrease the possibility of the percussion cap getting damp which will decrease the chance of a misfire or hangfire.

NOTE: In some areas, the use of the weather shroud is **illegal** during the muzzleloading season for big game. Some areas require that the ignition source be exposed to the elements (open breech) on the rifle or before installing the weather shroud, check the regulations in the area you will be hunting.

The weather shroud is intended only for use while hunting or shooting in inclement weather. It should not be used when target shooting or sighting in the rifle. Extended use of the weather shroud while shooting could cause accumulation of fouling in the bolt assembly. This fouling can result in an interference between the firing pin and bolt body. Always disassemble and clean the bolt assembly after shooting with the weather shroud. See page 22 for bolt cleaning instructions.

POSITION ON TARGET	ADJUSTMENTS
 Bullet hole above the center.	a. Loosen the elevation screw on the rear sight. b. Slide the rear sight down (backward) on the ramp. c. Tighten the elevation screw.
 Bullet hole below the center.	a. Loosen the elevation screw on the rear sight. b. Slide the rear sight up (forward) on the ramp. c. Tighten the elevation screw.
 Bullet hole to the left.	a. Loosen the windage screw on the rear sight. b. Slide the rear sight aperture to the right. c. Tighten the windage screw.
 Bullet hole to the right.	a. Loosen the windage screw on the rear sight. b. Slide the rear sight aperture to the left. c. Tighten the windage screw.