RANGE FINDING

The reticle pattern of your Simmons Crossbow scope provides a range finding system for deer sized animals or targets. The body diameter of an adult whitetail deer will just span the upper horizontal line at 15 yards. At 20 yards it will span the second line. At 30 yards, the third line, the fourth line at 40 yards, and the fifth line at 45 yards.

MAINTAINING YOUR SIMMONS SCOPE

Your Simmons scope is shock proof and waterproof. However, you should never try to take it apart or clean it internally. If your scope ever needs repairs or adjustments, it should be returned to the Simmons Service Department.

Your Simmons scope will perform at its best if it is occasionally wiped clean with a lens cloth or an optical quality lens paper like those used for eyeglasses and camera lenses. Keep the protective lens covers in place when the scope is not being used.

Maintain the metal surfaces of your scope by removing any dirt or sand with a soft brush to avoid scratching the finish. Then wipe the scope with a damp cloth and follow with a dry cloth. Finally, wipe with a silicone treated cloth to restore luster and to protect the scope against corrosion. Be careful not to touch the lenses with the silicone cloth.

SIMMONS

201 Plantation Oak Drive, Thomasville, GA 31792 Tel. (912) 227-0053440
ZEROING

At an approved range or other safe area, set up a target at the shortest distance you wish to zero (10 yards, 15 yards, etc.).

Set parallax correction ring to the distance of your target.

Shoot at the target, using the upper horizontal line of the reticle as the aiming point. Note its impact on the target. If the bolt went over or fell short of the target, estimate the amount (in feet and inches) of the miss.

Remove the windage and elevation caps and turn the screws in the direction required to correct point of impact. Each click of adjustment will move the impact by the amount shown on the chart.

FOCUSBING

Before attaching the scope to the mounts, it should be focused for your vision.

1. Position the eye bell locking ring.
2. Hold scope firmly by the scope body and bring it into focus. If the reticle does not instantly appear sharp and clear, rotate the eye bell locking ring.
3. Rotate the eye bell locking ring.

ATTACHING SCOPE TO MOUNTS

1. Remove ring caps from ring mounts, place scope in cradle formed by the un-capped rings.
2. Hold crossbow to shoulder, slide scope fore or aft to position it at the proper eye point (about three or four inches from the eye).
3. Rotate scope within ring cradle to align reticle horizontally and vertically.
4. Replace ring caps and tighten firmly. CAUTION: DO NOT OVERTIGHTEN.

The horizontal lines of the reticle are additional aiming points for longer distances. Unlike pins of mechanical sights which can be adjusted for any distance, the lines represent fixed distances. Since bolt weight and velocity determine the range for each line, remember to set the parallax correction ring for each distance at which you are shooting.