



ULTRADYNE
AMERICAN INGENUITY

SIGHT & COMPENSATOR INSTRUCTIONS

Always Follow the NRA Gun Safety Rules.
<https://gunsafetyrules.nra.org>

C4 SIGHT SYSTEM INSTRUCTIONS

This sight is an aperture sight. Thanks to the optical characteristics of apertures, it's easy to tell if the front and rear apertures are aligned with the target. If you can see the target clearly without blurring, the sights are aligned with the target. Conversely, if your view of the target through the apertures is not crisp, the sights are not aligned with the target.

Both front and rear sights are compatible with other manufactured sights. However, these instructions are intended for use with the Ultradyne® C4 Sight System which includes both a front and rear sight, and may not be applicable to other combinations.

INSTALLATION

Install Front and/or Rear Sight on Picatinny rail using a 3/32 Hex tool and tighten to 12-15 inch-pounds.

ZEROING

1. Pick a day where wind does not affect the left or right bullet drift.
2. Set Rear Sight elevation knob to "2." Set front and rear sight windage to the center of their adjustment range.
3. To make elevation adjustments on the C4 Front Sight, depress the Front Sight Tower to enable rotating the Front Sight Post. Using only

(continued inside)

the Front Sight elevation and windage adjustments, adjust so impact as follows (See table):

25 yards	1.4 inches low
50 yards	0.4 inches low
200 yards	Dead On
NOTE: Approx. windage - 1/2 MOA/click	
NOTE: Approx. elevation (front sight post) - 1.2 MOA/1/4 turn	

4. Using the Rear Sight Elevation Knob, verify zero distance for each number setting, 2-6.

The Ultradyne® C4 Sight System is designed to follow the bullet path of 5.56, 55 grain ammunition with a muzzle velocity of 3270 and BC of .267 with 21 inch spacing between front and rear sight. With these specifications, the numbers on the elevation handle of the C4 Rear Sight will correspond with the following yardages (See table):

#	2	3	4	5	6
YARDS	200	300	400	500	600

COMPENSATOR/DYNAMOUNT INSTRUCTIONS

1. Verify the bore is concentric with the outer threads. Clean and verify threads are intact and in good condition.
2. Install the Shrouded Timing Nut onto the barrel so the shroud covers the barrel shoulder and can no longer be turned by hand. If the barrel diameter is too large for the shroud to cover the barrel shoulder, please purchase the Oversize Barrel Mounting Kit, available at ultradynusa.com.
3. Install the Dynamount® accessory or collar (figure 2 on back) onto the rear of the Compensator and position the Dynamount® Timing Pin into the desired Compensator Timing Hole.
 - For a standard rear sight, use the hole at the 12 o'clock position
 - For a 45 degree offset, use left or right hole as appropriate
4. Install the Compensator with Dynamount® accessory or collar onto the barrel with the Dynamount® accessory or collar stopping against the Shrouded Timing Nut.
5. Index the Compensator by rotating counter-clockwise up to one

revolution. Hold in place with a wrench and rotate the Timing Nut against the Compensator with a second wrench with a force of 25-30 ft. lbs. Periodically inspect Timing Nut torque to ensure that the nut has not loosened.

Only adjust the Timing Nut while securing or removing a Compensator (or a Dynamount® combo). To avoid damaging the indexing stud on the Dynamount® sight, always move the Timing nut and the Compensator simultaneously to index after 10 ft. lbs. have been applied.

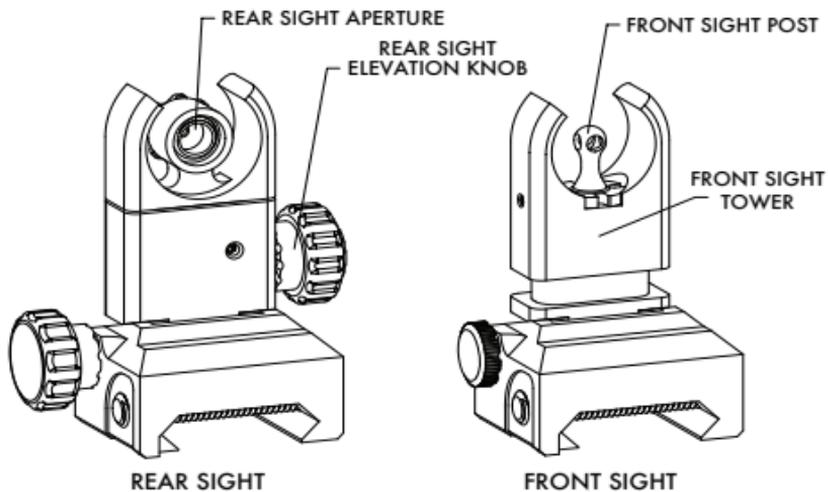
6. If installing the X1 compensator use an IP-15 torx plus wrench to apply 30 in-lbs of torque on the adjustable port screws.

TIP: When mounting a Dynamount® front sight, there are a couple techniques that can be used to assist alignment. Option 1: use a flat surface and rest the rifle upside down on its rail. Fold front sight to find alignment. Option 2: Use a level to align the front sight by placing a level on the receiver Picatinny rail. Once receiver is level and gun is secure, use a level on the flat top of the Compensator or on the flat part of the folded Dynamount front sight in the upright position. For more information, you can find a video at ultradyneusa.com.

NOTE: Dynamount® accessories sold separately. Must be used with Ultradyne® Accessories.

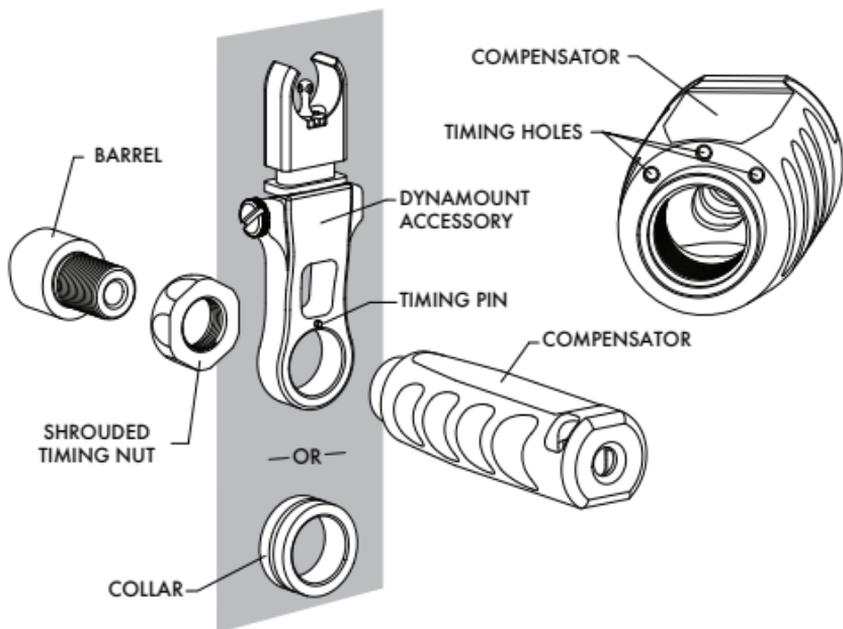
IMPORTANT! After installation and prior to shooting, it is imperative that alignment of the Compensator exit holes and the barrel bore be checked. Not all barrels have the bore centered in the barrel; therefore, the bullet clearance can only be guaranteed by inspection. Clearance around the entire diameter of the Compensator exit hole so the bullet will not strike the Compensator must be verified or do not use.

DISCLAIMER: Short barrels and/or some shooting grips may expose skin to hot gas exiting Compensator. Protective gloves and long sleeves may be required. The manufacturer is not responsible for improper usage of this product. This product is potentially dangerous, and, as such, it is the user's responsibility to understand and implement its proper use.



FRONT AND REAR SIGHTS

Figure 1



COMPENSATOR WITH COLLAR or DYNAMOUNT® ACCESSORY

Figure 2