

Repositioning Quick Guide

1 OPEN POI FINE TUNING INTERFACE



Press and hold the **Menu Button** (👤) to open the menu. Select the third option “POI Fine Tuning @ 50 Yards”

2 MAKE REQUIRED ADJUSTMENTS



Press **Up** (↑) button to **INCREASE** Correction Input.



Press **Menu Button** (👤) to change between **Up/Down** and **Left/Right** adjustments. Note arrow change in display.



Press **Down** (↓) button to **DECREASE** Correction Input.

3 SAVE SETTINGS AND EXIT



Press and hold the **Menu Button** (👤) to save settings and exit back to the main menu.

Using the Point-of Impact (POI) Fine Tuning Feature

If while using the Recon 55XR as a clip-on you experience a POI shift significant enough to warrant a correction, this device allows you to easily adjust the thermal display to eliminate the shift. A built-in firmware menu feature called POI Fine Tuning @ 50 Yards makes this process easy, and the system will allow you to memorize up to five different corrections via Gun Profiles, represented by G1, G2, G3, G4 and G5, so you can recall it for later use.

First, shoot your rifle at 50 yards* and measure any POI shift: up/down and left/right. Using these measurements, refer to the POI Fine Tuning Chart (reverse) to find your required Correction Input values. Once you have this information in hand press and hold the **Menu Button** and navigate to the 3rd option called “POI Fine Tuning @ 50 Yards” and press the **Menu Button** to enter. You will now be looking at the adjustment interface. The first screen you see is where you enter your left/right corrections, indicated by ←→. Now, refer to the chart and find the measurement that most closely matches the POI shift you observed and using the **Up Button** or **Down Button** enter the given Correction Input value for that measurement. Press the **Menu Button** again and the adjustment interface will change to up/down adjustment interface where you can repeat the process, indicated by ↑↓. After you have input the Correction Input values press hold the **Menu Button** to save and exit. Your POI is now corrected.

Let’s walk thru an example. Let’s say at 50yds your rifle is shooting 5” high and 3 ½” to the right from where your POI should be. The chart tells us that Correction Input -19 D is the closest correction value to fix the 5” high POI shift, and Correction Input -13 L is the closest correction value to fix the 3 ½” POI shift to the right. Remember, all this information is in the chart on the reverse side of this page.

*While we recommend you check for POI shift at 50 yards there is no need to change your rifle’s zero from where you normally have it. If your rifle is normally zeroed at 200 yards keep it there, but you will need to know where your rifle should strike a target at 50 yards given your 200 yard zero, and you should make your screen adjustments to that particular spot on your target. Example: Let’s say your 6.5 Creedmoor bolt action rifle is zeroed for 200 yards. When shooting this rifle at the bullseye of a target positioned at 50 yards we would expect the bullet strike to be approximately ½” below the bullseye. If when using the Recon 55XR you have a POI shift simply use the numbers from the chart to correct to a spot ½” below the bullseye, you are now in line with your normal 200 yard zero.

Note: You should never need to adjust your rifles day scope to correct for POI shift. It is all accomplished via the thermal as described above.

For additional information regarding the Repositioning Interface, please refer to the instruction manual.

Point-of-Impact (POI) Fine Tuning Correction Chart - Recon 55XR

Complete instructions on reverse

Shooting Low*	Correction Input
.27"	+1 U
.54"	+2 U
.81"	+3 U
1.08"	+4 U
1.35"	+5 U
1.62"	+6 U
1.89"	+7 U
2.16"	+8 U
2.43"	+9 U
2.70"	+10 U
2.97"	+11 U
3.24"	+12 U
3.51"	+13 U
3.78"	+14 U
4.05"	+15 U
4.32"	+16 U
4.59"	+17 U
4.86"	+18 U
5.13"	+19 U
5.40"	+20 U
*Shooting high and need to move POI down	

Shooting High*	Correction Input
.27"	-1 D
.54"	-2 D
.81"	-3 D
1.08"	-4 D
1.35"	-5 D
1.62"	-6 D
1.89"	-7 D
2.16"	-8 D
2.43"	-9 D
2.70"	-10 D
2.97"	-11 D
3.24"	-12 D
3.51"	-13 D
3.78"	-14 D
4.05"	-15 D
4.32"	-16 D
4.59"	-17 D
4.86"	-18 D
5.13"	-19 D
5.40"	-20 D
*Shooting low and need to move POI up	

Shooting Left*	Correction Input
.27"	+1 R
.54"	+2 R
.81"	+3 R
1.08"	+4 R
1.35"	+5 R
1.62"	+6 R
1.89"	+7 R
2.16"	+8 R
2.43"	+9 R
2.70"	+10 R
2.97"	+11 R
3.24"	+12 R
3.51"	+13 R
3.78"	+14 R
4.05"	+15 R
4.32"	+16 R
4.59"	+17 R
4.86"	+18 R
5.13"	+19 R
5.40"	+20 R
*Shooting left and need to move POI right	

Shooting Right*	Correction Input
.27"	-1 L
.54"	-2 L
.81"	-3 L
1.08"	-4 L
1.35"	-5 L
1.62"	-6 L
1.89"	-7 L
2.16"	-8 L
2.43"	-9 L
2.70"	-10 L
2.97"	-11 L
3.24"	-12 L
3.51"	-13 L
3.78"	-14 L
4.05"	-15 L
4.32"	-16 L
4.59"	-17 L
4.86"	-18 L
5.13"	-19 L
5.40"	-20 L
*Shooting right and need to move POI left	



Example: Point-of-impact is 5" high and 3 1/2" right from aiming point. Use Correction Input: -19 D & -13 L
(Assumes 50 yard target)