



LEUPOLD®

CUSTOM DIAL INSTALLATION GUIDE INCLUDING THE SPEEDSET DIAL



Scan to order a new custom dial.



Scan to watch how to install
your custom dial.

Hold Dead On. Hit Dead On.

Leupold's custom dials help you easily compensate for bullet drop and make ultra-quick adjustments in the field. We customize your scope's elevation dial to match your exact load, velocity, and conditions for unprecedented precision. Once you range your target, simply turn the dial to the correct yardage on the dial, aim dead on, and squeeze the trigger.

The new Speedset® Custom Dial is going to be a game changer. Before installing your new Custom Dial, there are a few things to understand.

1. The dial that came with your scope was pre-tensioned at the factory to ensure proper engagement with the underlying Adjustment Post. This ensures the dial is fully unlocked when the lever is opened, but fully locked when the lever is closed.
2. Due to small variations in Adjustment Post dimensions, you will need to set the tension of your new custom dial to ensure proper engagement. This will require using a small flathead screwdriver.
3. Once the tension adjustment is made on the custom dial, it will not need to be adjusted again.

Zero the rifle with the original dial before installing the custom dial. Zero at the distance you provided when you placed your order. The Zero Distance will be the lowest number engraved on the new dial.



Lever
Release
Button



Make sure the
SpeedSet Lever
is fully unlocked
before adjusting
the tension
screw.

Tension
Screw

Removing the Existing Dial:

Press the Lever Release Button and rotate the SpeedSet Lever to the fully unlocked (rotate until it stops) position. The original dial can then be lifted from the underlying Adjustment Post and removed from the scope.

Installing the New Dial:

1. With the lever of your new Custom Dial in the fully unlocked position, align the dial to the Index Mark on the scope's maintube.
2. Firmly seat the dial down onto the adjustment post.
3. Ensure the SpeedSet Lever is in the fully unlocked position, allowing access to the Tension Screw.
4. Using a flathead screwdriver, turn the Tension Screw clockwise until it binds on the Adjustment Post.
5. Turn the tension screw counterclockwise 1 click at a time until the dial can slip off the Adjustment Post.
6. Close/Lock the SpeedSet Lever. If the lever does not close, the tension screw needs to be loosened just to the point where the lever can be closed all the way.

When properly tensioned, the SpeedSet dial will spin freely when the lever is unlocked, while clamping firmly to the Adjustment Post when the lever is locked.

You have now successfully installed your Custom Dial.

For notes on sighting in your rifle, please see the instructions on the other side of this manual.

Installation of CDS, CDS Target, CDS-ZL, CDS-ZL2, M1, M2, M3, and M5 Dials:

Zero the rifle with the original dial before installing the custom dial. Zero at the distance you provided when you placed your order. The Zero Distance will be the lowest number engraved on the new dial.

Remove the original dial by loosening the set screw(s) located on its knurled rim, then lift the dial upward and clear of the adjustment mechanism.

Place the new dial on the adjustment mechanism and turn it clockwise until the Zero Distance aligns with the witness mark on the riflescope and the dial hits the Zero Stop (if present). The dial may not drop fully onto the adjustment until this alignment is done. Tighten the set screw(s) (max torque 5 inch-pounds).

Installation of CDS-TZL, VX-3i LRP, and VX-6 Target Dials:

Zero the rifle with the original dial before installing the custom dial. Zero at the distance you provided when you placed your order. The Zero Distance will be the lowest number engraved on the new dial.

Remove the original dial by loosening the set screw(s) located on its knurled rim, then lift the dial upward and clear of the adjustment mechanism.

The new dial will have a rotating skirt with a tooth that protrudes toward the inside center of the dial. Align the tooth with an adjustment notch before placing the dial onto the scope. If needed, turn the dial clockwise until the Zero Distance aligns with the witness mark on the riflescope and the revolution indicator shows “0”. Tighten the set screw(s) (max torque 5 inch-pounds).

Important note on non-locking dials:

After removing the original dial, check for a flexible rubber gasket around the base of the adjustment. If present, this gasket must be removed before installing your custom dial. To remove it, grip the edge of the gasket and lift straight up and away from the body of the scope.



Notes on Sighting In:

- Only zero your rifle at the distance your dial was made for. Zeroing high at 100 yards to hit dead on at 200 yards may result in an error that will compound when dialing for longer distances.
- If you reach the Zero Stop before you’ve finished zeroing your rifle, remove the dial from the adjustment mechanism, turn the adjustment mechanism by hand to complete your zero, then replace the dial onto the adjustment.

Driver Sizes for Custom Dial Set Screws

	Driver Size
CDS, CDS Target, VX-6 Target	.050"
CDS-ZL, CDS-ZL2, CDS-T, CDS-TZL, M2 (1.5-5x20 only), M3 (10x40 only), Mark 4HD	1/16"
VX-3i LRP, M1, M2, M3, M5, Mark 5HD	3/32"

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