

New England Custom Gun Service

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CZ & RUGER Front Sight Bead Fitting Instructions

When we set out to make aftermarket sight components we are often faced with wide range of tolerances. Some factory dovetails are too large and some are too small. Making a "one size fits all" insert a real challenge. So when it comes to the size of the front sight dovetail we chose to make our sights with a slightly taller dovetail. This makes the bottom width of the dovetail wider. There may be some light gunsmithing required to get a slip fit for the dovetail being fitted too.

To fit the NECG CZ & RUGER inserts, simply use a sheet of 220-320 grit sandpaper on a clean, flat surface. Set the sight insert down onto the sandpaper. Push the sight back and forth several times, being careful to keep the insert straight up. From time to time try the insert in the dovetail. Repeat as required until the insert slides completely into the dovetail.

Tip: From time to time tilt the insert @ 45 degrees to the left and to the right to break the edge of the inserts dovetail. Not all front ramp dovetails have clean, sharp corners. Breaking these edges may be all that is required to fit the insert.

CZ Sights: Work the sight insert until into fits the dovetail and the bead lock button plunger engages to lock the bead in place.

RUGER Sights: Ruger makes two different front sight dovetails. One has the bead lock plunger at the face of the bead and the other one is at the muzzle end of the insert. They are also two different dovetail lengths. Our NECG RUGER Beads are designed to work in both dovetails.

When the plunger is at the face of the bead, unscrew the set screw and fit the sight insert until the plunger engages the hole.

On the version with the plunger at the muzzle, when the sight insert is completely in the dovetail, tighten the set screw to lock the sight in place.

You will see that our beads have a notch on the muzzle end of the dovetail. This notch corresponds with the length of the short Ruger dovetail. Simply trim the sight insert to this notch for the bead to fit the short dovetail length. The end of the insert can be cold blued.

For the final fitting of the sight insert we suggest some gun grease or oil on the bottom of the sight insert.

Should you require help or further instructions, please do not hesitate to call 603-287-4836.

Sincerely,
Mark Cromwell

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