

G Firearms Group Inc.
Installation Guide for GFG Optic Mount Plates
Vortex® Venom / Holosun® 507C for CZ® 75 SP-01 Shadow / CZ® Shadow 2

Disclaimer:

1. It is recommended that Installation of this product be performed by a qualified gunsmith.
2. Installation of the mounting plate must be performed with a slight interference fit into a dovetail of the factory CZ Shadow 1 or Shadow 2 slides. If the dovetail is installed with any sort of clearance (“loose”), it might result in a plate with a red dot to be disengaged from the slide during shooting. The mounting plate should **never** be held in place **only** by a set screw after the installation. The plate must sit firm and tight in a dovetail **before** the set screw is installed. If the plate has a correct geometry, you should never be able to install the plate into the dovetail and remove it with you hands only without a gunsmith hammer or a push tool.
3. Due to variations in dovetail dimensions, some minor material removal on the mating surface of the plate might be required if it is oversized for a particular dovetail on the slide.
4. Please read through and understand this installation guide including the disclaimer. G Firearms Group Inc. does not take any responsibility and is not liable for any damage caused by incorrect installation of the red dot mounting plate and not following instructions in this guide.
5. If you have any questions or require any help with installation of your red dot mounting plate, please do not hesitate to get in touch with our technical support through e-mail info@gfirearms.ca

Safety tips:

1. Always wear safety glasses while performing installation of the mounting plate.
2. Pay particular attention to potential pinching hazards while using a gunsmith hammer and a punch and take all precautionary measures to avoid any injuries.
3. Get familiar with hazard symbols and safety warnings displayed on any chemicals to be used for the installation (degreasers, rust removals, penetrating oils, Loctite etc.). Follow the instructions and take all required precautionary measures.

Tools required:

1. 1.5mm Hex Allen Key (L-Key) for removal of the factory CZ set screw from the rear iron sight.
2. 0.050 in. Hex Allen Key (L-Key) for tightening of the mount plate set screw (supplied together with the mount plate).
3. Gunsmith hammer.
4. Gunsmith punch of appropriate size with a nylon tip.
5. Vise with rubberized pads or equivalent means to protect CZ factory slide from scratching.
6. Vernier Caliper.
7. Blue Loctite thread locker.
8. Metal file.
9. IP8, T8 Torx Key for Vortex Venom installation or IP10, T10 Torx Key for Holosun 507C installation.

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Installation Steps:

Step 1

Remove the factory CZ set screw from the rear iron sight and then remove the sight from the slide using established practices. Clean the dovetail cut.

Step 2

Secure the slide in the vice. Manually Insert the mount plate into dovetail from right to left when front of the slide is facing away from you. The mount plate should be inserted until hard stop.

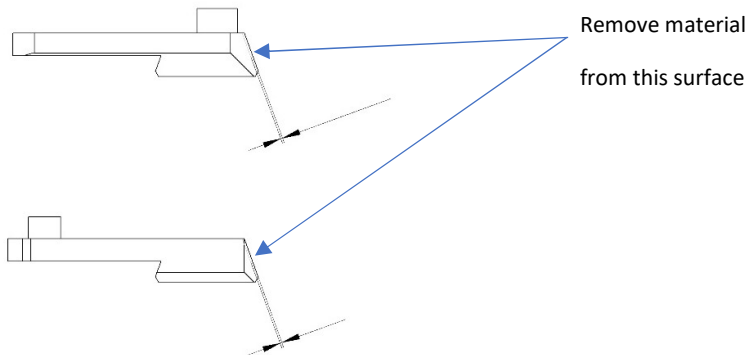
Step 3

Apply a moderate impact by the gunsmith hammer to the plate through the punch with a nylon tip. The plate should start moving towards opposite side of the dovetail. If the mount plate moves after impact by the hammer – proceed to Step 5. If the plate is still at hard stop after impact by the hammer – you will need to perform Step 4.

Step 4

If the plate is still at the hard stop after impact by the hammer, you need to remove small amount of material from the mating surface on the plate to proceed with installation as shown on the picture below.

Holosun® 507C Mount Plate



Venom® Mount Plate

Remove small amount of material with a metal file until the mount starts to move towards the opposite end of the dovetail cut after moderate impact by the hammer. Dovetail contour must be preserved when material is removed. Exercise caution not to remove excessive amount of material since the mount must not sit loose in the dovetail.

Step 5

Apply small amount of the Blue Loctite to the dovetail surfaces and center the mount in the dovetail cut using the gunsmith hammer and punch with a nylon tip. Use Vernier Caliper to find central position for the plate.

Step 6

After the plate is centered on the slide, apply Blue Loctite to the supplied set screw and tighten it in the central threaded hole of the plate not exceeding maximum tightening torque of 5 in.-lbs.

Step 7

Apply the Blue Loctite to provided socket screws. Mount your red dot on the plate and secure it by tightening the screws. Do not exceed maximum tightening torque of 5 in.-lbs. Wait approx. 24 hrs. before use to allow the Loctite to cure.

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