

Tier One

17mm Dovetail Rings Mounting Instructions

Our Ringsets are manufactured to the highest specification possible using state of the art machinery, and often exceed original engineering manufacturers tolerances. It is the purchaser's decision to mount the Ringset and optic if they feel competent themselves, or seek advice from their favoured gunsmith.

Place your unloaded firearm on a stable work surface, preferably mounted in a suitable gun vice. If no gun vice is available, the firearms own bipod can be utilised instead. It is now important to ascertain the correct eye relief. First loosen the clamp screws with the T25 Torx bit supplied, and gently place the ring with the anti cant bubble onto the rear section of the rifles dovetail, taking care that it does not foul the bolt handle when worked. It should move freely at this stage as adjustment may be necessary, and if over tightened, damage could occur to the rifles finish. When positioning the front ring, you may utilise the recoil arrestor pin supplied with your ringset if a suitable location hole is present on the rifles action. The ring should be placed at a midway point on the dovetail as a starting point if the recoil pin is not utilised. If the recoil pin is utilised, the location hole on the rifles action will dictate its position. This pin if required should be pressed into the hole on the underside of the ring before it is placed upon the action.

Place the optic into the rings and shoulder your firearm carefully, you may want to replace the ring caps very loosely to avoid letting your optic fall out of the mounts whilst doing this. As a guide, it is generally better if the rings are as far apart as possible to gain maximum strength and stability from the installation. Your optic should be set at the maximum magnification and if present, the parallax correction set to infinity. When viewing your optic from the shouldered position you should be able to see a clear image. If you can see a dark ring around the ocular lens gently move your optic fore or aft until this disappears. Great care should be taken at this point to avoid damage to your optics outer finish. When satisfied, a pencil mark placed upon the optic as reference to the ring cap location will aid the final stage of installation. You have now set the correct position for the rings. Remove the ring caps and optic and tighten the T25 Torx screw on the ring claws to 6Nm.

Now place your optic back into the rings using your pencil datum points as a guide, then replace the ring caps, and using the T15 Torx bit in your fingers only, tighten the screws gently and evenly to maintain an equal gap between ring base and cap. Only light pressure is needed as it is important at this stage to be able to turn the optic in the rings without damage occurring to the finish.

It is the installers decision to mount the optic by utilising the anti cant bubble built into the rear ring to level the rifle, and also a separate bubble placed upon the optics elevation turret cap, or by shouldering their firearm whilst viewing a suitable true vertical line, and rotating the optic gently until the bubble levels align, or the reticle matches the chosen vertical reference line. Great care should again be taken at this stage to ensure no damage occurs to the optics outer finish. Once the installer is happy with the reticle alignment, the ring cap screws should be tightened gently and evenly, at opposing corners, whilst maintaining an equal gap to both sides, up to the recommended torque setting of 2Nm. Care at this stage should be taken to ensure your optic remains level, and doesn't move during the tightening process.

Care and Maintenance

When installed correctly, your 17mm Dovetail Rings will give you years of trouble free service but it is advisable and wise to check periodically that all the screws are still at the recommended torque setting due to atmospheric temperature changes.