Tier One

TacRing Mounting Instructions

Our TacRings are manufactured to the highest tolerances, and it is advised to mount them on a suitable quality picatinny rail to get the optimum result. It is the purchaser's decision to mount the TacRings 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 to allow loose placement upon the picatinny rail, now remove the ring cap screws using the supplied T15 Torx bit, and gently attach the TacRings onto your picatinny rail, lightly tightening at this stage, ensuring the rear most one does not foul on the firearms bolt when worked. You now have a starting point to set your correct optic position.

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. 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 not to damage your optics finish. A pencil mark placed upon the optic as reference to the ring cap location will aid the final stage of mounting. You have now set the correct position for the ringset bases. Remove the ring caps and optic, and tighten the T25 Torx screw on the ring claw to 6Nm, ensuring the ring bases are pushed firmly toward the muzzle to counter the effects of recoil.

Now place your optic back into the rings using your pencil datum points as a guide, 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 bubble built into the rear ring to level the firearm 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 line. 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, centre ones first, then opposing corners 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 TacRingset 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.