

# Tier-One Picatinny Rail

## Picatinny Rail Fitting Instructions

Thank you for purchasing our Picatinny Rail, when correctly mounted it will give you years of trouble free service.

It is the purchaser's decision to attempt fitment of the Picatinny Rail if they feel confident, or seek the advice of their favoured Gunsmith.

Before any attempt to fit the Picatinny rail, the firearm must be checked to be in an unloaded state, bolt removed, and placed either in a suitable gun vice, or simply utilising the rifles own bipod. This should then be set upon a flat stable workbench or other suitable surface.

Some rifles have blanking grub screws in the rail attachment holes to prevent water ingress when they are not utilised, and must be removed prior to fitting the Picatinny Rail, and the holes should be free of oil, grease or other contaminants.

First, place the rail upon your rifles action to determine the Picatinny Rail is the correct one, and visually check the screw holes align correctly. When the assembler is satisfied that the Picatinny Rail is correct, the screws should be placed into the holes and screwed in until they stop. Do not over tighten the screws at this point as it is important to check the screws are not too long and do not foul the rifles bolt when worked, and also when removing from the action as they are supplied slightly over length to accommodate the rifle manufacturers machining tolerances. If the screws fit correctly with no grinding down, it is the purchaser's decision to either place a drop of semi-setting loctite, or a small drop of suitable oil onto the screw threads, then screw them down evenly, from the centre of the rail to the outside, to the firearm manufacturers recommended torque setting. Care should be taken at this point as different manufacturers have different recommended torque settings for their actions, and Tier-One neither assumes nor takes responsibility for incorrect fitment. If the screws are found to foul the rifles bolt when either worked or removed, they should be taken out and ground down approximately one thread at a time until the bolt can be worked and removed successfully, then torqued down in the aforementioned manner.

Our Picatinny Rails are designed to be maintenance free, but it is wise to check annually for water ingress by capillary action between the Picatinny Rail and the rifles action.

