

# How to FIT Your New Boyds' VIP Stock

## Guidelines for Fitting a Boyds' VIP Gunstock

**Warning:** Be sure firearm is not loaded! Always use safe firearm handling procedures at all times.

**Note:** These procedures are only a guide to what needs to be done; other minor tasks may be needed.

1. Ensure that you have ordered and received the correct stock. Do so by laying your new and old stock side by side, along with the barreled action. Action screw holes, recoil lug recess and trigger slot should be in the same position.
  2. Never force the metal into the stock. Final fit will be a slip fit that can be accomplished with 2 fingers.
  3. Clamp stock in a padded vise just forward of the magazine box or front take-down screw, with the barrel channel up.
  4. Take your barreled action and try to fit the action to the new stock. This will give you a good idea of how much fitting will be needed. Remember, do not force it. Most actions will fit like this but do not consider this a completely fitted stock.
  5. One of the most important things you need to do is the squaring of the recoil lug recess. You must have a good mating surface between the back of the recess and the lug itself. This will ensure that the recoil is not just taken in the corners of the recess, which can cause cracks. Doing this will also better align the action screw holes. Alignment can be accomplished by the use of a rotary tool, like a *Dremel*. But be careful! It can easily get away from you, quickly ruining your work. A better and safer method is to use a small palm chisel, available from our catalog, or it may be possible to use a sharp, fine-pointed knife.
  6. Next, you need to check the action screws themselves. Make sure that they are not touching the wood surrounding them. This is an often overlooked, but necessary check, especially on larger-caliber rifles. A good way to check this is to assemble the action and stock, and before installing the action screws, put a thin coat of Inletting Black on them. Install and tighten them down. Remove.
- Now remove action and look at the screw holes in the stock. If there is any black in them you may need to enlarge them slightly. The point is to have any and all recoil in the lug.
7. Some firearms have a floorplate. Fit this the same as the other parts, remembering not to force it. You may need to remove proud wood around the floorplate to get it to close properly and easily. Proud wood is when the wood of the stock protrudes above and around the receiver and/or metal components. This can be done the same as with the action screws. Put a thin layer of Inletting Black on the underside of the hinged door and close it. Reopen it and the black will show you where the wood needs to be removed.
  8. If you want to free float the barrel or have a heavier-weight barrel, you may need to open the channel up. This is easily done by sanding or with a barrel bedding tool. Wipe Inletting Black on the bottom of the barrel and place it back in the stock. Remove. This will leave black in the barrel channel and show you where wood still needs to be removed. With a wood dowel wrapped in sandpaper or with the barrel bedding tool, remove the black spots. The remainder of the fitting is simply a matter of repeating the steps in the same manner.
  9. After all steps are completed, totally reassemble the firearm, and check operation in every spot. This includes but isn't limited to: complete bolt closure and locking, bolt release, the safety mechanism, and trigger clearance.
  10. It may be necessary to perform some of these steps at the same time or in a different order than stated. This is where patience comes into play; take your time and you will be rewarded with a professional outcome.
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