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MatchGrade Bedding Compound Instructions

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Full view of M18 stock (compact) with long dies.

Now that the barrel is installed and the receiver is in place, with the magazine and ejection dies, or shown in the baseline picture, four drill and reamer holes need to be made in the receiver and the barrel. The shortcut here to prevent passage, as well as small sidewall dowel. Once the picture is set in place, the barrel is ready to be drilled and reamed. Use the receiver as a guide for the holes, as the barrel is not connected and showing drill or ream through the receiver.

If performing a full length bedding job, the entire stock and action will need to be cleaned.

An M18 stock prepared for full length bedding.

Once you have your dowel in place, you will need to cover the protrusion with a lubricating wax to prevent it from lifting out of the stock during trial fittings. Use your tube to the best of your ability to cover the dowel. Place the receiver back into the stock and make sure it is flush against the shoulder. Quick note: the dowel pin should protrude 1 millimeter, the flowerface is the barrel shoulder, and the receiver should be flush against the shoulder.

Finally, and this is very important, take a drinking straw, cut two pieces of around 2" in length, and place them in the trigger guard and magazine well to prevent epoxy from ever touching the metal. Epoxy could cause the trigger to not pivot and ruin all of the hard work put into the action and the stock. The TG needs to be loose enough to ensure the stones are 50 millimeters apart, and the magazine needs to be pushed out and forward to ensure the magazine does not contact the front of the receiver or the magazine release. Epoxy will also ruin the magazine release, and the magazine will not be able to be inserted. Place the straws in the trigger guard and magazine well, ensuring the straws are protruding enough to prevent epoxy from entering the stones and detailing cylinder.

Now, place the receiver back into the stock, and ensure that the action and barrel with release agent. Apply the agent with a small piece of foam. Use the release on to the dowel area, and a little bit on the tube. Place the receiver back into the stock. Make sure the action is in place and that the action is flush against the shoulder. Place the magazine and trigger guard into place. Ensure the straws are in place, and that the magazine is pushed out and forward. Make sure the action is in place and that the action is flush against the shoulder