

Assembling the Mil Spec Fixed Buttstock

At this point you should have completed the assembly of the upper receiver, the barrel and the lower receiver.

The tools that you need to assemble the fixed buttstock are the lower receiver vise block, large flat headed screwdriver, an AR15 combination wrench, and a torque wrench.



1. Put the door hinge on the bottom of the door with the flat of the hinge against the back of the door and insert the hinge pin.

2. Insert the door into the butt plate through the checkered side so the hole in the hinge aligns with the lower hole in the butt plate and snap the door closed.



3. Put your lower receiver vise block in the vise and mount your lower receiver onto it with the rear facing you.

4. Start threading the receiver extension tube into the back of the receiver but stop just before the threaded portion of the tube covers up the buffer retainer hole.



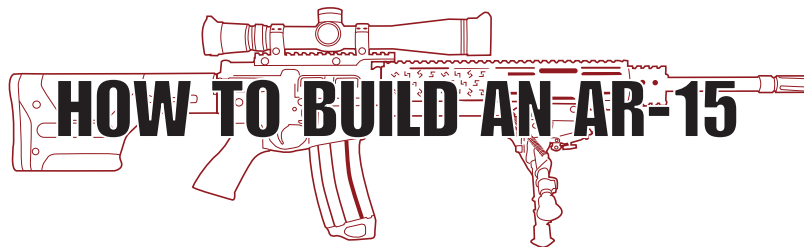
5. Insert the buffer retainer spring and the buffer retainer into the hole and hold it down with your thumb as you finish screwing in the receiver extension. The receiver extension will capture the buffer retainer on its shoulder.

6. Tighten up the receiver extension to 35 to 39 foot pounds using your combination wrench and torque wrench.



7. Insert your action spring and buffer assembly into the receiver extension. It'll be captured by the buffer retainer.





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8. Insert the take down pin into the receiver from the right hand side with the cut in the pin facing to the rear of the rifle.

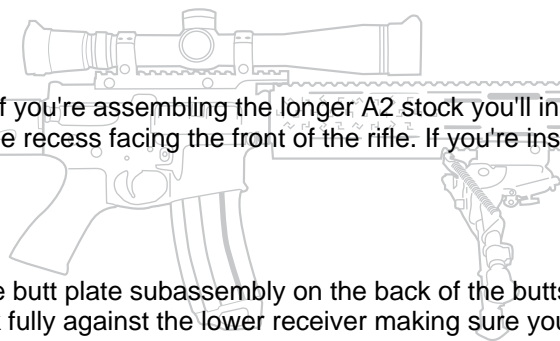


9. Insert the take down pin detent first with the rounded end facing forward. Then insert the spring into the hole on the back of the receiver. The spring should stick out about 1/2 of an inch.



10. Slide the buttstock onto the receiver extension.

11. If you're assembling the longer A2 stock you'll insert the buttstock spacer into the upper hole of the back of the buttstock with the recess facing the front of the rifle. If you're installing the shorter A1 buttstock you won't have a spacer.



12. Place the butt plate subassembly on the back of the buttstock and push the buttstock fully against the lower receiver making sure you don't kink the take down detent spring.

13. Put the fully threaded screw into the top hole of the buttstock and tighten up the buttstock.

14. Insert the sling swivel into the bottom of the buttstock with the curve facing forward and use the partially threaded screw to secure it through the bottom hole of the buttstock.



15. Test your take down pin by pushing it in and out. The detent should lock the pin in and out, and it will take some extra pressure to make the pin move from fully closed to fully open. The take down pin should not rotate.

You've now completed installing the fixed buttstock. In the next segment we'll put the two halves of your rifle together and do some bench testing.