

TAKE YOUR AR TO THE NEXT LEVEL

STEP-BY-STEP INSTRUCTIONS FOR YOUR A2 UPGRADE

This guide takes you through the process of removing your standard A2 system and replacing it with a free float system. By following these steps and watching our accompanying video you can perform your own A2 upgrade – even if you are a beginner!

1. Remove the Clamshell handguards using the handguard removal tool.



2. Securely place the upper into the bench block on your bench.



3. Remove the gas tube drift pin using a 1/16 drift punch and small hammer.



4. Remove the two tapered pins using the hardened drift punch and large hammer.



5. Carefully separate the two halves of the gun by unlocking the pivot and takedown pins.



6. Place the upper into the clam shell vise block aligning the pin tabs for proper placement.



7. Secure block and upper into bench vise.



8. Remove the muzzle device and crush washer using a 3/4 inch wrench.



9. Remove the gas block, gas tube, and ring.



10. Using the armorer's wrench remove the mil spec barrel nut.



11. Thread on the AR-chitect barrel nut and torque to spec.



12. Insert the gas tube into the low profile AR-chitect gas block and align the holes.



13. Place gas block and tube into bench block to secure it in place.



14. Insert and tap pin into the gas block and gas tube to lock both together.



15. Slide gas block onto the barrel. Guide the gas tube into the hole in the upper, lining up the hole in the gas block with the hole in the barrel.



16. Tighten the gas block to the barrel using the small set screws on the bottom of the gas block.



17. Put a new crush washer on the front of the barrel.



18. Thread on the AR-chitect muzzle brake and align the gas port holes to the 12 o'clock position.



19. Put the Handguard on, making sure it is properly aligned.



20. Tighten the screws at the base of the handguard to spec.



21. Pull the upper out of the bench vise and remove the clam shell vise block.



22. Place upper upside down onto the picatinny rail on your workbench.



23. Insert the charging handle into the upper.



24. Align the bolt carrier group and insert it into the upper.



25. Put the upper and lower back together locking the pivot and takedown pins.



26. Swap out the buttstock if so desired (not necessary to this upgrade).

