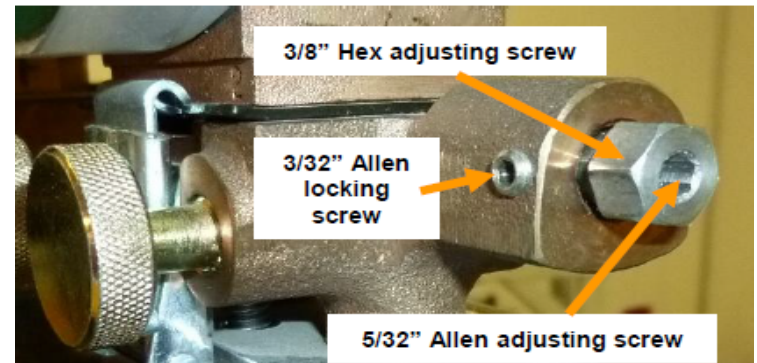
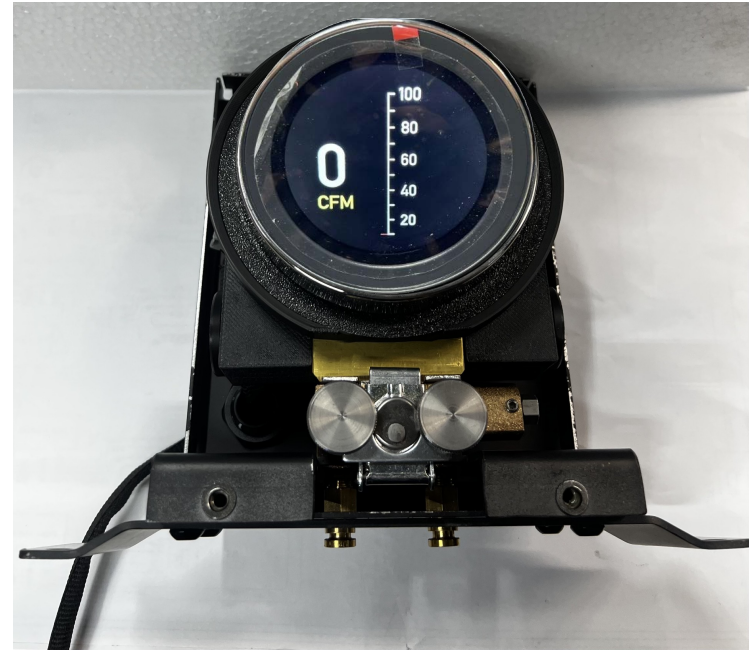


**Observe all applicable safety rules & regulations**

1. Establish Blue Signal protection. Apply hand brake.
2. Fully apply Independent BV.
3. Ensure AFM indicator is displaying 0 CFM on the gauge. This indicates "0" BP flow.
4. Ensure Main Reservoir Pressure is 130 to 140psi.
5. Ensure MU cut-out cocks & both angle cocks are closed.
6. Perform Brake Pipe leakage test; 2psi. limit.
7. Place Automatic Brake valve handle in HANDLE OFF-CONTINUOUS SERVICE position..
8. Apply certified AAR S-5598 (.2188) 60 CFM orifice to the front Brake Pipe hose glad hand. If not possible, apply it to the rear Brake Pipe hose.
9. Slowly open Brake Pipe angle cock to allow air to flow through orifice.
10. Place Automatic Brake valve handle to RELEASE. Ensure Brake Pipe stays at 90psi. Adjust the Regulating Valve to maintain 90psi. if necessary.
11. Insert Reverser, leave it centered and ensure the Generator Field is OFF.
12. Allow Main Reservoir gauge in cab to drop under 130psi. Place throttle in run 3 position. When Main Reservoir pressure reaches 130psi **ascending**, note that it should read 59-61 CFM.
13. Record pre-calibration value for MEMS input.
14. If the AFM needs to be calibrated, it will be necessary to adjust the by-pass needle valve adjustment screw on the AFM gauge base/ mount. First of all, loosen the 3/32" Allen locking screw. Use a 5/32" Allen wrench or a 3/8" open end wrench on the hex adjusting screw. Loosen the screw to lower the CFM flow rate or tighten it to raise it. Recheck the setting by lowering the Main Reservoir pressure and noting what the CFM is at with the pressure at 130psi. ascending.
15. Record post-calibration value for MEMS input.
16. After adjusting it to 60CFM, tighten the lock screw.
17. Return the throttle to IDLE and remove the Reverser.
18. Place ABV handle in "Handle Off-Continuous Service".
19. Close the angle cock and remove the test device. Adjust Regulating Valve back to 90psi. if necessary.



**GRAHAM WHITE AFM MOUNT 788-050 STOCK CODE #196386**



**AAR S-5598 AFM TEST ORIFICE (.2188) (Calibration 3 years)**