



Twin Turbo System Pressure Testing Procedures



INSTALLATION INSTRUCTIONS

(DESIGNED FOR ONLINE USE AND COLOR PRINTING)

*****WARNING: PRODUCT(S) ARE DESIGNED FOR OFF-ROAD / COMPETITION USE ONLY*****

Read all directions before attempting installation. This product requires above average mechanical ability to install properly, professional installation recommended. Installation requires appropriate tools for proper installation of this kit. As with all mechanical projects, take appropriate precautions for your personal safety and for the proper care and treatment of the vehicle being serviced. AAM Competition, LLC offers no warranty and accepts no liability caused by improper installation, modification and/or use of this product. Installation may void factory's manufacturer's warranty. Contact AAM Competition LLC or an authorized Dealer with questions or problems regarding this product. When removing Stock/OEM parts read and follow the factory service manual for proper procedures. *Copyright AAM Competition, LLC 2016*



Tools Needed:

- AAM Competition Pressure Testing Kit (optional)
- Various hose clamps
- Various hose plugs
- Pressure testing radiator cap
- Pressure gauge
- Hand pump or a small tank of pressurized air with appropriate fittings
- T-fitting for vacuum lines
- Stopwatch

Parts List:

No.	Description	Qty	Image
1	AAM Competition Pressure Testing Kit (optional)	1	

Testing

Pressure Testing (Coolant)

1. Locate all open water hoses.
2. Use plugs and clamps to securely block-off the ends of the hoses.



3. Verify that all plugs are and clamps fit properly, as they will need to be air tight in order to effectively hold pressure for testing purposes.

4. Install pressure testing radiator cap and connect your pressurized air source. Be sure to incorporate your pressure gauge when installing your air source.



5. SLOWLY increase pressure to about 15psi.
6. Once you've reached your target pressure, set your stopwatch for 10 minutes.
7. At the end of your 10 minute trial, check your pressure gauge. The gauge should read the exact same pressure as it did when you began your testing. If the gauge indicates any loss in pressure, there is a leak in the system.

8. If you experienced a pressure loss in step 7, adjust your water hoses and re-test until you achieve consistent pressure.

Pressure Testing (Wastegates)

1. Locate your wastegate vacuum lines.



2. Locate the single vacuum line which both wastegate actuators T into.

3. Using a T-fitting, connect your pressurized air source and pressure gauge to the single wastegate vacuum line.



4. SLOWLY increase pressure while monitoring the wastegate flaps inside of the turbo exhaust housings. Once your targeted boost level is reached, the wastegate actuators inside of the turbo exhaust housings should open. Verify that BOTH wastegates are opening at your desired boost level.
5. Make adjustments to your wastegates as needed.

Enjoy your AAM Competition Twin Turbo System!