



### **B. Manual Boost Controller Method “bleeder valve”**

Install boost signal hose from the turbocharger compressor cover hose barb, to the bottom of a plastic Tee. Install one hose from one port of the Tee, to the bottom banjo barb port of the wastegate can. Install a second hose from the other side of the Tee, into the inlet of your manual boost controller. (Refer to your manual controllers instructions to determine which port is inlet port.) Install another hose from the outlet port of the manual boost controller, to the top banjo barb port of the wastegate. Secure all hose connections with zip ties or hose clamps. Make sure to route all hoses away from high heat sources.

With the manual boost controller closed, so that no boost signal pressure passes through it, the wastegates spring rate should control boost levels. Opening the manual boost controller applies pressure to the top of the wastegate, delaying the valve from opening, effectively raising your boost levels. Once you have achieved your desired boost level, no further adjustment of the manual boost controller is necessary. **CAUTION: Precision Turbo recommends that the air/fuel ratio be checked while setting the boost levels. Raising your boost levels will change the air/fuel ratio of your tune up and could cause engine detonation to occur.**