

### **JP Large-Frame Compensator Installation** **JPTRE-5.12B / 5.12S (1/2" - 28 TPI)**

**CAUTION: REMOVE MAGAZINE AND VISUALLY CHECK CHAMBER TO MAKE SURE THAT FIREARM IS UNLOADED.**

When installing the JP Compensator, the threaded portion of your barrel should be about 5/8" (.625) long for optimal performance. Best efficiency is achieved by allowing the muzzle to be recessed in the barrel nut about a quarter of an inch. This has the effect of forming a cup that directs the expanding gas forward into the baffles. If you are installing the brake on a gun that you are having threaded, instruct the gunsmith to fit the brake to the barrel by removing material from shoulder of the barrel or the back of the the brake so that it just tightens up in the level position, thereby eliminating the need for a crush washer or peel washer and resulting in the most cosmetically appealing installation. Crush washers and peel washers are available for purchase from JP for use in install the brake on your barrel, but be aware that the outside diameter of these washers is .750 and may not match your barrel profile.

After installation, it is imperative that the alignment of the exit hole and bore be checked visually and with a cleaning rod inserted through both brake and barrel to confirm that bullets will not impact the brake. Not all bores are centered in the barrel and not all threaded ends are concentric with the bore. However, the exit hole on this brake is sufficiently oversize to accommodate most tolerance stack-ups within reason without sacrificing any performance.

**Important:** The exit hole on this JP Compensator is .280 and will accomodate bores up to .244 (6mm). If your rifle is of a larger caliber, the exit hole must be enlarged to accomodate it. The final exit hole must be .040 minimum over the bore diameter. The maximum caliber that the 1/2"-28 TPI version should be used for is .358.

**Caution!** Muzzle brakes by their very nature redirect high pressure gasses and can blow dirt or other materials present in the shooting area back towards the shooters or bystanders, especially at indoor ranges with enclosed shooting booths. **Always wear eye and ear protection when shooting or observing.**

This device is considered a "compensator" by BATF, not a "flash suppressor" and is not designed or intended to be a "flash suppressor."