

JP RECOIL ELIMINATOR INSTALLATION

“BULL BARREL” VERSION JPRE-4 Series (JPRE-424S, JPRE-428, JPRE-428S)

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

The Bull Barrel version of the **JP Recoil Eliminator** is available threaded 5/8”-24 and 5/8”-28 for various applications. Make sure you know which TPI is in your particular unit before you thread your barrel.

Before beginning installation, it is important to consider the caliber of the firearm on which you intend to install this product. The exit hole for the 5/8”-24 brake (JPRE-424S) is .350 and will accommodate bores up to .308. The exit hole for the 5/8”-28 brakes (JPRE-428/428S) is .281 and will accommodate bores up to .244 (6mm). If your rifle is of a larger caliber, the exit hole must be enlarged to accommodate it. The final exit hole must be a minimum of .040 over the bore diameter. The opening in the wall dividing the dual chambers of the brake is .470 and should not have to be altered unless the bore exceeds .430, however the maximum caliber that the 5/8”-24 or 5/8”-28 versions should be used for is .416.

If you are installing the **JP Recoil Eliminator** on a non-threaded barrel, begin by removing between .600” and .700” of threads on your barrel, rebated in front of the shoulder to allow the brake to butt up with no gap. Best efficiency is achieved by allowing the muzzle to be recessed into the barrel nut by about a quarter of an inch. This has the effect of forming a cup that directs the expanding gas forward into the baffles. Fit the brake to the barrel by setting back the shoulder of the threaded area or removing material from the back of the barrel nut on the brake so the it just tightens up in the level position, thereby eliminating the need for a jam nut or peel washer while achieving the most cosmetically appealing result. After installation, it is imperative that alignment of exit hole and bore be checked visually and with a cleaning rod inserted through brake and barrel to confirm that bullets will not impact the brake.

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.

THANKS FOR YOUR BUSINESS!