



JP ENTERPRISES

JP RECOIL ELIMINATOR: 5/8"-24 TPI MODELS

Product:
JPRE-324,
JPRE-324SS

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PARTS INCLUDED

- Recoil Eliminator
- Crush Washer

CAUTION: REMOVE THE MAGAZINE AND VISUALLY CHECK THE CHAMBER TO ENSURE THAT YOUR FIREARM IS UNLOADED.

Before beginning installation, it is important to consider the caliber of the firearm on which you intend to install this product. The exit hole on this brake is .350 and will accommodate bores up to .308. 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 wall dividing the dual chambers of the brake is .470 and should not have to be altered. The maximum caliber that the 5/8"-24 TPI version should be used for is .416, which would require modification.

On 5/8"-24 Pre-Threaded Barrels (such as AR-10, BAR-10, LR-300, SR25), this brake can be installed by simply removing the existing flash suppressor and installing the supplied crush washer and muzzle brake. Degrease the threads on the barrel and on the inside of the brake prior to installation. Apply a liberal amount of Loctite to the threads for the final installation.

Custom Threaded Barrels: Begin by cutting off about .625" of threads from the barrel. 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. If you are installing the brake on a gun that you are having threaded, have the gunsmith fit the brake to the barrel by removing material from the back of the barrel nut on the brake or the shoulder of the barrel so the brake just tightens up in the level position, thereby eliminating the need for a jam nut or crush washer, resulting in the most cosmetically appealing installation.

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. 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.

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

Visit us at www.jp Rifles.com

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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!