

Eigenram Manual



Thank you for purchasing an Eigenram upgrade ram for your Intimidator!

Installation:

1. Remove Bolt from Marker
2. Unscrew lower back cap, remove ram.
3. Decide on your weight. Either cut the included hollow black spacer to match the length of the brass insert (if it is not already) or install the brass insert to the back of the ram.
4. Decide on your bumper. Users with bumperless adjustable caps should cut the bumper flush with the back of the ram. Scissors are totally adequate for all cutting operations.
5. Lightly lube O-rings with Lurker Lube or your own favorite Lubricant.
6. Install Ram.
7. Adjust the bolt using the ramcap to about 1/16" in the breech when completely back
8. Replace stock poppet spring with lightened poppet spring by removing front block. The washer prevents the spring from falling in to the LPR hole.

Tuning:

1. As you've modified your gun from stock, we recommend our tuning algorithm to find the settings that are optimal for your gun.
2. Board settings, roughly. Dwell 9.0ms (11.0ms Tadao or Virtue), BIP 2.0, Bolt delay 13ms, Delay 00, Eye Mode: Forced
3. Set LPR to 45 psi
4. Back HPR all the way down. Start firing shots over the chrono until velocity no longer increases with increasing pressure.
5. Increase LPR until FPS is close to desired Field Velocity.
6. Find the point with the HPR where increasing or decreasing the HPR Pressure results in lowered velocity. This is the "Sweet Spot", where efficiency and consistency are best.

A Note on the Brass Insert:

To remove, bang the rear of the ram against a hard, flat surface until the brass insert is flush with the back of the ram. Use a flick of the wrist to generate centrifugal force to remove the insert fully, or use negative pressure to remove. A clean bore and insert will make this much easier.