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Removing the Ejector to Check Headspace

If you purchased an assembled bolt carrier group separately from the barrel then you should check the headspace. If you purchased a preassembled upper with the barrel and bolt carrier group installed, then the headspace should have been checked by the manufacturer.
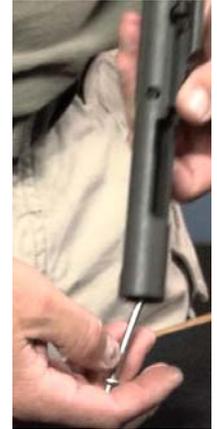
If your bolt carrier group is already assembled, you'll need to remove the bolt from the carrier to remove the ejector. To the remove the ejector you'll need; a number 1 roll pin punch, a 4 oz. ballpeen hammer and the Ejector Removal Tool. If you don't have the Ejector Removal Tool, use the back end of a punch to depress it. You should already have a gun mat on your bench to help keep small parts from rolling around.

1. Pull the firing pin retainer pin out of the carrier and remove the firing pin.

2. Push the bolt to the rear of the carrier and rotate the cam pin so the long flat surface runs parallel with the carrier. Remove the cam pin and pull the bolt out of the carrier.

3. Place the bolt into the Ejector Removal Tool and screw in the ram to compress the ejector.

4. Use the number 1 roll pin punch drive out the ejector roll pin.

5. Unscrew the ram and remove the ejector and spring.

6. Insert the bolt back into the carrier with the extractor to the right. Push the bolt all the way to the rear of the carrier and rotate it so the cam pin hole on the bolt aligns with the back of the cam pin way in the carrier.

7. Insert the cam pin so the long flat surface is parallel to the carrier. Rotate the cam pin ¼ turn.

8. Insert the firing pin into the rear of the carrier, through the bolt and the cam pin. The firing pin retains the cam pin.

9. Install the firing pin retainer pin from the left hand side of the carrier so it sits flush with the side of the carrier.

You are now ready to start the process of checking the headspace. At the end of the checking the headspace segment we will demonstrate how to reinstall your ejector.

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