JP ENTERPRISES

JP ENHANCED GAS RING

The JP Enhanced Gas Ring installs in much the same way as a McFarland-style one-piece spiral ring. Using your fingernail, pry apart the end of the ring and hook it into the gas ring channel of the bolt. Then, simply rotate the ring into place. You'll use the same technique to remove the ring, though you'll likely need to make use of a tool like a dental pick to start.

The common test to identify worn out gas rings in an AR15/M16 is to set the bolt and carrier, bolt side down, on a table top with the carrier and bolt extended. The friction of the gas rings should support the weight of the carrier. While this test is a relatively reliable means of identifying worn gas rings when using standard Mil-Spec parts, it does not work well with the JP gas ring.

This is because the test measures the relationship between the gas rings and the carrier, which has a lot of friction when the gas rings are new but decreases as the rings wear out. The high friction of new Mil-spec rings provides a good seal, but the friction itself is not desirable. Just the opposite is the case as the friction is responsible for most of the wear. Rather, the important aspect of gas ring fit is the gas seal.

The Enhanced Gas Ring is designed and precision ground to minimize friction, and using it may cause the above test to fail with brand new parts even though the carrier has a fully functioning and reliable gas seal. Because of this slightly altered relationship of the parts, the components will wear more slowly over time. You may also find it necessary to make adjustments to the setting of an adjustable gas block if you are using one.

THANKS FOR YOUR BUSINESS!

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