

Bushmaster Tech Sheet



GAS PISTON SYSTEM RIFLES & UPPERS

The Bushmaster Gas Piston System Rifles and Uppers bring new levels of reliability to the "AR" type rifle platform, and may well be its future by eliminating excess heat, carbon build up, and gas leaks (as well as gas rings, gas key, and gas tube). The Gas Piston System functions by tapping gas pressure off through a port in the barrel, but there the similarity to the standard gas impingement system ends. Much like the systems found on AK-47s and FALs, this system functions with a wider range of ammunition and less gas pressure than the conventional type. This System operates at a lower cyclic rate to improve reliability and control, as well as reduce heat and recoil. Gas pressure pushes a tubular Piston, which drives the Operating Rod rearward. The Rod pushes a striker face on top of the Bolt Carrier to move the Carrier to the rear, and cycles the action like the conventional system. Excess gas pressure is bled off through ports in the Piston and exits within the handguards to keep carbon build up and powder residue from fouling the interior of the Upper Receiver and Bolt Carrier. A detented plug at the front of the Gas Block allows easy cleaning of the systems' Hard Chrome Plated Piston.

Both Complete Rifles and Barreled Upper Receivers are available. The Uppers will fit on, and work with, any military pattern 5.56mm/.223 caliber Lower Receiver. Complete Rifles are shipped with a 30 Round Magazine, a Black Web Sling, Operators Safety Manual and Orange Safety Block in a lockable carrying case.



5.56mm/.223 Caliber Gas Piston System Rifle - A2 Type
(Part# BCWA2F 16M4-GP)

5.56mm/.223 Caliber Gas Piston System Rifle - A3 Type...
(Part# BCWA3F 16M4-GP)

Rifle Features	Specification
Caliber	5.56 mm/.223 Rem. Caliber
Operation	Piston System – Gas Operated, Semi-Automatic
Rifling	R.H. Twist – 1 turn in 9"
Barrel Length	16" with A2 Birdcage Flash Suppressor

Rifle Features	Specification
Magazine Capacity	30 Rds. (accepts all AR type)
Weight w/o Magazine	6.5 lbs.
Weight of empty Magazine25 lbs.
Weight of loaded Magazine	1.0 lb.



5.56 mm/.223 Caliber Gas Piston System Upper - A3 Type
(Part# BURA3B 16M4-GP)

5.56 mm/.223 Caliber Gas Piston System Upper - A2 Type
(Part# BURA2B 16M4-GP)

This rugged Upper Receiver/Barrel Assembly has a Bushmaster 5.56mm / .223 Caliber Chrome Lined 16" M4 Type Barrel with A2 Birdcage Suppressor, and a standard Bushmaster Flat-top Upper with Picatinny Rail and Removable Carry Handle (A2 Solid Handle also available). A Flip-up Front Sight is fitted to allow an unobstructed view when using a scope. Gas Trap specific Bolt and Bolt Carrier are included, and the unit will mount onto any standard pin dimension Lower Receiver. Carries Bushmaster One Year Warranty - Weight 4 lbs.

NOTE: Some States have regulations against certain components of these firearms (such as bayonet lugs, flash suppressors, high capacity magazines, telestocks). For sales in those States, Bushmaster offers configurations of these rifles without those features. Contact Bushmaster's Sales Department for details.

For Quotations and Information, contact...

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