



SMITH ENTERPRISE, INC.

LEADER IN WEAPONS UPGRADES FOR OVER 40 YEARS

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PISTON, M14/M21 CRAZY HORSE/ MK 14 MOD 0/ MOD 1/ MOD 2, M1A, EBR, SBR



COMBAT PROVEN:

2nd Infantry Division, 25th Infantry Division, 10th Mountain Division,
10th Special Forces Group, US Navy, US Air Force Pararescue, and more...

The SBR (Smith Battle Rifle) Gas Piston has been developed for the demands of 21st century warfare, and is superior to the issue versions, as well as the version that SEI has provided for the government since the start of the war in the Middle East.

- Machined from 440c cutlery grade stainless steel and stress relieved
- OD grooves fully radiused on the bottom (instead of square) to enhance cleaning and carbon removal
- Heat treated and through hardened to 58 HRc Rockwell
- Ground to final dimensions, with a glass-like surface finish of 9 on the Profolometer, machined to tolerances of +/- .0005" (1/2 of 1000th of an inch)
- Final finishing includes surface hard chrome plating to .0005" depth, and heat treatment to our SOP to prevent chrome cracking and hydrogen embrittlement

Developed for war fighters with the M14,EBR,EMR, etc., made to resist corrosion and excessive wear, the corners stay sharp where needed to minimize gas blow-by. When used with our M80HT gas cylinder, wear is kept to a minimum, and can withstand infrequent maintenance in the field. Accuracy will not be diminished and may improve as long as the barrel is in good condition.

Every M14 type weapon we build is test fired at 100 yards, and we always take extra pistons with us just in case. Over the past 20 years we have tried many types of plating and treatments, and always came back to hard chrome. Keep in mind the bores of some types of military barrels (including the WW2 Japanese Arisaka) are hard chromed. Titanium Nitriding is good, but it has its place.

Part Number	Item Description
Part No. 2075-SBR	M14 Gas Piston

(Information current as of 16 February 2013)