



IMPORTANT NOTICE

MARCH 28, 2009

All CD3 systems, including the original casing with the exterior groove and the upgraded longer casings without the groove are to be used with only one half of the pyrogen cavity filled with pyrogen- either black powder or smokeless powder. THIS APPLIES FOR USE WITH ALL SIZES OF CO2 CARTRIDGES.

The pyrogen cavity is defined as the machined recess on the top of the plunger that is .440" in diameter and .080" deep. This pyrogen cavity must be filled half way instead of all the way.

This insures longer life of the components and less combustion gasses leaving the casing.

Nomex covers suffer too much damage from the gasses. This change should prolong the life of the Nomex shields.

This reduced amount of pyrogen also allows the CO2 gasses to escape faster, as the reduced amount of pyrogen exhaust gasses now vent faster thus allowing the plunger to be pushed away from the face of the CO2 cartridge sooner.

As always, ground test all components prior to flight.

