



Rapid Bolt Assembly Instructions

Grease bolt bore with a smear of Morris K62, Duckhams 05795 or similar Molybdenum based grease. Place in the bolt stem (9c) with the bolt washer (9k) cup-shape-up, followed by the spring (9d) and bolt probe (9b) in the bolt bore and secure with the circlip (9e).

Turn bolt upsidedown and drop in adjustment rod (9r) - this should drop right in and stop on the underside of the bolt stem (9c). Put a line of pink Loctite 222a (or similar minimum strength compound) along the 5/8" long 2ba adjustment grub screw (9s). Using 3/32 allen key screw into bolt body (9a) until it is flush with the base.



This new bolt set-up is fitted in all Rapids built from January 2000 onwards

Fitting and adjusting

Grease assembled bolt and slide into Rapid body. Fix bolt handle* (9) in place using red Loctite 221 and tighten with 3/16 allen key. Fit barrel as normal - flush with Rapid body magazine slot and fully tighten clamp and location screw.

Lock down bolt in forward position and slowly screw in 2ba adjustment grub screw (9s) until it starts to feel harder to turn. Screw in between 1/8 and 1/4 a turn more. Then test the feel of the lock-down. If it is too light air may 'puff' out of the magazine slot when the rifle is fired with a pellet in the barrel. If it is too heavy it will be difficult to lock down. Continue adjusting if required, only move the adjusting screw in or out about 1/8 to 1/4 of a turn at a time and then check again.

in → for heavier
grub screw (9s) →
out ← for lighter



For fine adjustment of weight of bolt lock-down, screw in or out an 1/8 to a 1/4 of a turn at a time and then check.

* Remember this bolt set-up can only be used with a short threaded bolt handle and dog screw.