

FUZE BASE L24A2 & L19A4

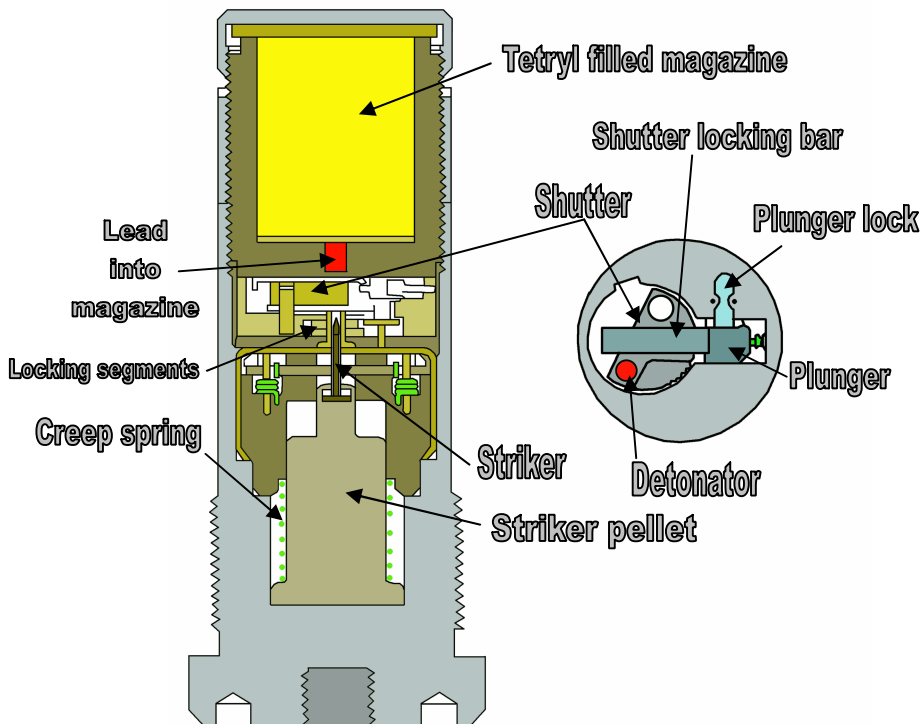
These two fuzes are similar with the exception of two features.

1. the shutter in the L24A2 will arm at a slower spin rate, it is believed below 8000 rpm.
2. the locking segments and tension springs are slightly different (I don't know in what way)

Apart from those features the two fuzes operate in the same manner.

The fuzes are used in 76 to 120mm gun projectiles, 88mm howitzer projectiles and 105 to 120mm RR projectiles.

The interior drawing of this fuze isn't quite correct yet.



ACTION.

No action prior to firing is necessary. On firing the all components are jammed in position and no movements take place. When acceleration ceases centrifugal force moves the locking segments out of engagement with the striker at the same time the plunger moves outward releasing the shutter. This rotates against the escapement until the shutter locking bar gets to the position where it can move into the slot provided. This action locks the shutter in the armed position. The detonator is now in line with the lead into the magazine. On impact or graze the striker pellet moves forward against the creep spring and strikes the detonator in the shutter thus commencing the detonation process in the shell.