

Based on the fusing mechanism design, the retrofit of the second generation of influence fused mines with a self destruct or self neutralizing device, could either be feasible or almost impossible to achieve. In most cases, the retrofit would require many design modifications in order to incorporate the new electronic fuse and sensors, that it would be more realistic to buy a complete third generation influence fused mine. These landmines are also built in such a way that all the electronic components are integrated at different locations into the mine body which would probably require the redesign of the mine body. It would also be impossible to retrofit these landmines with new electronic fuses equipped with a self neutralizing device which indicates its neutralization and position by displaying or ejecting any visible marker because such new fusing mechanism would be larger in dimensions than the actual space available as shown in Figure 34.

It should be noted that some of the third generation of dual influence fused mines with a self neutralizing device are also equipped with a built in neutralization and position indicator (see Figures 35, 36 and 37).

6.3 Remotely Delivered Mines

Some of the anti-personnel and anti-tank mines are delivered by artillery, rocket or aircraft. For example, the Area Denial Artillery Ammunition (ADAM) is delivered from a 155 mm howitzer and contains 36 anti-personnel mines per projectile (see Figure 38). These mines have electronic circuits for self destruct timing. The Remote Anti-Armour Mine (RAAM) is delivered from a 155 mm howitzer and contains 9 mines per projectile. The AT2 anti-tank mine is used in the Light Artillery Rocket System (LARS) delivered from a 110 mm rocket and under development for use in the Multiple Launch Rocket System (MLRS). The AT2 anti-tank mine is shown in Figure 39.

The GATOR mine is carried in a dispenser on a fixed wing aircraft and contains both anti-personnel and anti-tank mines. These mines contain a self destruct selector switch.

6.4 Other Devices

The off-route mines and wide area mines can be classified under other devices. The off-route mines (see Figure 40) are equipped with wake up devices and tracking features.