

arming, misalignment of the detonator in the explosive train and a self destruct or self neutralizing device. Such a mine would cost about \$260.

7.1.3 Remote Command fused Anti-Personnel Mines

The directional fragmentation M18A1 anti-personnel mine is mainly initiated with an electric detonator and initiated with remote command from an operator. These directional fragmentation anti-personnel mines can be boobytrapped using trip wires and pull fused mechanism.

The current cost for a kit containing M18A1 mine, M4 or M6 detonator with over 100 feet of electrical cable and a handheld pulse generator is approximately \$350. The retrofit of the mine with a self destruct or self neutralizing device would involve an additional cost of \$200 and a development cost of \$1.2 million.

7.2 Anti-Tank Mines

7.2.1 Single or Double Impulse Pressure fused Anti-Tank Mines

Retrofitting of M15 anti-tank mine would involve replacing the pressure fuse with an electronic fuse having a self destruct or self neutralizing device. The fuse will be changed to magnetic influence fuse and will be programmable with a self destruct or self neutralization time. The cost of retrofit would involve \$450 per mine and a development cost of \$1.8 million.

The costs associated with the retrofit of Mk7 and DM21 anti-tank mines would be similar to that of M15.

7.2.2 Tilt Rod fused Anti-Tank Mines

The current cost of tilt rod fused anti-tank mine is about \$350. The retrofit of this mine would require redesign to the explosive train and replacement of the mechanical fuse with an electronic fuse incorporating a self destruct or self neutralizing device. The cost of retrofit would be \$400 per mine and a development cost of \$1.4 million.