

A method and apparatus for transferring non-electric blasting initiation signals from detonating cord signal donor lines to signal transmission tube acceptor lines involves disposing the acceptor line in enhanced signal transfer configuration with the donor line. The acceptor line (30) may constitute the input lead (29a) of a detonator (10a). Enhanced signal transfer configuration between the input lead (29a) and the detonating cord (60) can be established by disposing input line (30) in at least partial wrap-around contact with the detonating cord (60) or in multiple abutting contact with the detonating cord (60). Enhanced signal transfer configuration can also be achieved for a detonator having at least two input lines in abutting contact with the detonating cord. A slider (44) is designed to extend contact between a detonator input lead and a detonating cord. The slider (44) provides a detonator retainer (48) for holding a detonator (10a) and a base fixture (74') that includes a pass-through aperture (58a) for a detonating cord (62). Input lead-retaining means (52) on the base fixture (74') disposes the input lead (29a) in position for enhanced signal transfer configuration with a detonating cord that may extend through the pass-through aperture (58a).

