

## Vauxhall / Opel Engine Management Immobilisers

This Engine Management ECU has the capability of being coded to the immobiliser system fitted to the vehicle.

This replacement ECU is supplied in running un-coded form. Therefore if this unit is fitted to a vehicle without an immobiliser fitted, the vehicle will run normally. If the ECU detects the presence of an immobiliser when the vehicle is being started, then the ECU will prevent the vehicle from starting as if the ECU were immobilised (i.e. The warning lamp will flash quickly when the vehicle is attempted to be started).

**In order to start the vehicle, it is therefore necessary to do one of the following:- EITHER**

1) Programme to the vehicle immobiliser system using the Vauxhall Dealer Equipment.

OR

2) To allow the vehicle to run without being programmed, disconnect the small 9-pin plug from the immobiliser AND LEAVE IT UNPLUGGED. (The immobiliser is the plastic moulded unit which surrounds the ignition key assembly). Join pin-6 to pin-7 of the plug together and leave joined: this is to allow the road speed sensor signal to be detected.

The vehicle will now start normally.

***IF YOU DO NOT FOLLOW THIS THE CAR WILL NOT START AND THE WARNING LAMP WILL FLASH CONTINUOUSLY.***