

**BLACKBOX SOLUTIONS**

# ***BeCM Sync-Mate***

The easiest, quickest and most cost effective way to resynchronize the BeCM on your Range Rover P38.



Product Literature (Jan 2011)  
This document covers all 3 versions of P38 Engine types.

## Introducing the BeCM Sync-Mate

The BeCM Sync-Mate solves an very common problem of P38 Range Rovers (95 to 2002) being left stranded because the BeCM, in effect, forgets the immobiliser code it needs send to the (EMS) engine management system for it to start the engine. This happens on all engine variants of the P38, as it is the BeCM which is the problem.

### Costly ways to fix this problem

There used to be only two ways to get moving again when this happens:

The first was to call out a garage with a diagnostic tool, like our Faultmate MSV-2, to re synchronize the code from the Engine management into the BeCM and then pay the mechanic a "call out" fee for approximately 2 minutes work every time this happens.

The second way is to fit a new BeCM which will cost about £600 including programming and fitting. However, this may not be quite the long term solution it seems, as we understand that the manufacturer is now providing only exchange / re-furbished BeCMs. However they do not always replace the memory part of the unit if it is still appears to be working satisfactorily and given the memory might only fail after a month or so, sometime after you have bought your replacement BeCM and had it fitted and programmed, you could still find yourself with the same problem, and although the Part would be under warranty, you are still stuck.

### The quick, cost effective and easy solution

To resynchronize your BeCM to the engine management, just plug our tool into your OBDII connector and observe the sequence displayed on the units high intensity multi color LED.



High Intensity Flashing LED

### Attention :

The Sync mate is extensively tested and has hundreds of satisfied purchasers. As such we guarantee it will synchronize the BeCM to the Engine Management.

If the problem was only the previously described loss of synchronisation problem the vehicle will start. It is however not guaranteed to fix any other problem that may cause a vehicle to not start.

### What engine type do you have in your P38?

There are three versions of the BeCM Sync-Mate and you need to be sure to order the right one for your engine type. See link below to identify if you have a Diesel version for all year models, a Lucas GEMS Petrol engine 1995-1999 version and a Bosch Motronic petrol engine 1999-2001 version.

To identify your Engine Management System go here:

<http://www.blackbox-solutions.com/Basic-Bits/P38engines.html>

For a demonstration go here:

[http://www.blackbox-solutions.com/downloads/videos/Sync\\_Mate.html](http://www.blackbox-solutions.com/downloads/videos/Sync_Mate.html)