

## Megane / Scenic Models Fail to Recognise Transponder Key

Version 1

**Applicable to:** *Megane and Scenic models 99 Model Year to 2003  
I.E. Megane 1 Phase 2, with crypto transponder keys  
And 8 digit PIN Code  
This is NOT the version with card key.*



### Symptoms

- The vehicle will not start, but will crank on the starter motor.
- The Red Security LED in the instrument pack continues to flash even when the ignition is turned on.
- Generally, the remote control part of the key continues to work, although in some cases the vehicle fails to recognise this as well.

### Cause

The memory of the UCH (Body Control Unit) has become corrupted, usually due to low voltages whilst the car is being started in cold weather.

Meganes of this generation can support two transponder systems: Texas Crypto (usually referred to as Type 1, or System 1) and Philips Crypto (usually referred to as Type 2, or System 2).

The large majority of these vehicles have Texas transponders, and so the UCH should be configured to System 1. However, when the UCH becomes corrupt, this generally changes to System 2, and so the UCH is effectively looking for the wrong type of transponder in the key.

### Rectification

You will need diagnostic equipment to rectify this problem.

You will need to modify the coding, or configuration, of the UCH back to 'System 1'. The exact process of doing this depends on your particular diagnostic equipment.

Once this has been done, in most cases, the car will start, however, the car still has the potential to suffer from the same problem again on the next cold start. Generally cars that have had this problem once become 'repeat offenders'.

We recommend that once the vehicle can be started, that an RPM Unit is used to record the code sent to the engine ECU from the UCH.

The RPM can then be wired into the vehicle to provide the only permanent and durable solution.

Fitting instructions are available on request from us.