



Rematching throttle body to engine ECU

Under certain circumstances it is necessary to a rematching procedure in order to allow the engine control unit to relearn the values and positions for the throttle housing. This procedure should be carried out in the event of the following:

- Battery disconnection
- ECU disconnection / replacement
- Throttle housing disconnection / replacement
- Erratic or unstable idle
- Error codes relating to 'Basic Settings' or 'Adaption Values'

There are currently 3 methods of carrying out the rematching procedure depending on engine code.

Although the actual procedure is dependant on engine code as a general rule,
Vehicles fitted with newer engines from 1997 use method 1
Vehicles that have an 'EPC' warning light on the dash use method 2
Older vehicles use method 3

If the wrong procedure is used, the rematching procedure will not be completed but no damage will be caused.

Method 1

The vehicle must be at normal operating temperature
Ignition ON Engine OFF

- Select 01 - Engine
- Select 04 - Read Data Stream in Basic Settings
- Select channel 098

Check field 4, The display should display 2 movements:

ADP. runs
ADP. OK

When the display indicates ADP.OK the procedure is complete.
This procedure should take approximately 15 seconds to perform.

**Rematching throttle body to engine ECU *continued***

Method 2

The vehicle must be at normal operating temperature
Ignition ON Engine OFF

- Select 01 - Engine
- Select 04 - Read Data Stream in Basic Settings
- Select channel 060

Check field 4, The display should display 2 movements:

ADP. runs
ADP. OK

When the display indicates ADP.OK the procedure is complete.
This procedure should take approximately 15 seconds to perform.

Method 3

The vehicle must be at normal operating temperature
Ignition ON Engine ON

- Select 01 - Engine
- Select 04 - Read Data Stream in Basic Settings
- Select channel 001

Allow the engine to idle for AT LEAST 30 seconds.

There is no indication when the procedure is complete.

In the event that rematching cannot be performed using one of these procedures, or if the fault is still evident, it may be necessary to check the operation of the throttle valve assembly in greater depth.