

Diagnosis

Changing the CODE

If you know the code, just enter it and then a new code that will be automatically stored in the memory. If the vehicle is new, the user code is: 00000

Resetting the CODE

This function is used to set a new code when the old one is not available; in this case, at least two of the programmed keys have to be inserted in the ignition lock.

After the first key has been inserted, the second one is requested with the following message:

INSERT KEY II

If the second key is not inserted within 20 seconds, the operation is finished.

After recognising the second key, the new code is required with the message:

ENTER NEW CODE

Once the operation is finished, the instrument panel goes back to the SET-UP menu.

DIAGNOSIS

Access to this menu (diagnosis functions), for the technical service only, after requesting a service code.

It will read: ENTER THE SERVICE CODE This vehicle code is: **12425**

The functions in this menu are

- Exit
- ECU diagnosis
- Instrument Panel Errors
- Error clearing
- Reset Service
- Update
- Change Keys
- km / Miles

ECU ERRORS

The instrument panel receives only the current errors from the control unit.

Description Error code

Throttle Valve Error DC V DC ECU 10

Throttle Valve Error DC Gnd ECU 11

Engine Temperature Error DC V DC ECU 14

Engine Temperature Error DC Gnd ECU 15

Air Temperature Error DC V DC ECU 16

Air Temperature Error DC Gnd ECU 17
Low Battery Error ECU 20
Lambda Probe Error ECU 21
Coil 1 Error DC V DC ECU 22
Coil 1 Error DC Gnd ECU 23
Coil 2 Error DC V DC ECU 24
Coil 2 Error DC Gnd ECU 25
Injector 1 Error DC V DC ECU 26
Injector 1 Error DC Gnd ECU 27
Injector 2 Error DC V DC ECU 30
Pump Relay Error ECU 36
Local Loopback Error ECU 37
Start-up Remote Error DC V DC ECU 44
Remote Error Start-up DC Gnd ECU 45
Canister Error DC V DC ECU 46
Canister Error DC Gnd ECU 47
Battery Error Hig ECU 50
Generic ECU Error ECU 51
Rpm Sensor Error ECU 54
Self-adaptability Value Error ECU 55
Vehicle Speed Error ECU 56
Stepper Error AC ECU 60
Stepper Error DC V DC ECU 61
Stepper Error DC Gnd ECU 62
Not recognised error ECU 00

INSTRUMENT PANEL ERRORS

In this mode a chart is displayed showing potential errors in the immobilizer and its sensors.

This is the error decoding chart:

Description: Immobilizer failure: Key code read but not recognised. Error code: DSB 01

Description: Immobilizer failure: Key code not read (Key not inserted or transponder broken) Error code: DSB 02

Description: Immobilizer failure: Aerial not working (Open or short-circuited). Error code: DSB 03

Description: Immobilizer failure: Internal controller failure. Error code: DSB 04

Description: - Error code: DSB 05

Description: Air temperature sensor failure. Error code: DSB 06

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Electrical system

Description: Oil sensor failure. Error code: DSB 07

Description: Oil pressure anomaly. Error code: DSB 08

The instrument panel keeps all previous errors stored in its **memory**.

ERROR CLEARING

This option deletes instrument panel errors only, a further confirmation is requested.
