

New CIM Programming

- Astra-H / Zafria-B

Before the new CIM is fitted, first note the following:

- Security Code
- V.I.N.
- Mechanical key number
- Variant encoding
- High Speed CAN configuration
- Mid Speed CAN configuration
- Low Speed CAN Configuration

- Run a full DTC scan and save the results
- Make sure that the V.I.N. in the other control devices consistent with the car

Reset the old CIM

Install the new CIM

- Configure the CAN-High, Low and Middle configurations
- Program V.I.N. and mechanical key number in the new CIM
- Program Immobiliser function, (choose CIM installed)
- Program the available transponder keys to the new CIM

- Reset the following devices:
 -
 - IPC
 - UEC
 - REC

- Switch the ignition off and wait at least 15 seconds

- Program the security code in the following devices:
 -
 - IPC
 - UEC
 - REC

- Configure the variant coding of the new CIM

- The final step is to calibrate the steering angle sensor

- **Vectra-C / Signum**

- - IPC
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- Reset the following devices:
 - IPC
 - REC
 - BCM
 - PDM

- DDM
- Switch the ignition off and wait at least 15 seconds
- Program the security code in the following steering devices:
 - IPC
 - REC
 - BCM
 - PDM
 - DDM
- Configure the variant coding of the new CIM
- The final step is to calibrate the steering angle sensor

Faultcode **B1001 - Electronic Control Unit (ECU) not programmed** stored?

B1001 - Electronic Control Unit (ECU) Not Programmed
(00) - Present

Which system or what component could be defective?

CIM variant configuration programming not correct.

- Start communications with CIM
- Choose programming
- Choose variant configuration
- Choose code index 008 programming

A new window, with all variant configurations, will appear.

- If necessary modify the variant configuration
- To save the configuration click programming

The new coding index 008 will be saved now and faultcode B1001 should be gone.

When a CIM module is replaced, it is important to load the Vehicle Immobiliser Data from ECM to CIM module. This is accomplished by using the CIM replaced option in the Immobiliser Function programming menu.

- Start communication with ECM
- Choose programming
- Choose reset ECU
- Start communication with CIM module

- Choose programming
- Re-synchronise ECM data by choosing ECM replaced in Immobiliser Function Programming

Make sure you have programmed at least one key before you attempt to start the car.