

Diesel Pump Programming

- Astra-G / Zafira-A

Donor-car

- Remove dieselpump from donor-car
- Attention: You will need donor-car's Security Code!

Car where donor-pump needs to be installed

- Install dieselpump in the car
- Set up communication with ECM
- Select [Programming]
- Select [Reset ECU]
- Enter donor-car's Security Code

This will reset the previously learnt security code. Then, your engine ECU (which is inside the pump) will be resetted, so you can learn it to the new car.

- Set up communication with Immobilizer module
- Select [Programming]
- Enter Security Code of car where you have installed the dieselpump
- Select [Immobilizer Function Programming]
- Select [ECM (Motor Module) replaced]

This will learns the new Security Code to the engine control module.

Astra-G and Zafira-A can also be installed with a VP44/PSG5 for Y20DTH. These PSG5 units don't need to be reset.

- Vectra-C / Signum PSG16

Donor-car

- Remove the diesel pump from donor-car
- Attention: You will need donor-car's Security Code!

Car where donor-pump needs to be installed

- Install diesel pump in the car
- Set up communication with ECM
- Select [Programming]

- Select [Reset ECU]
- Enter donor-car's Security Code

This will reset the previously learnt security code. Then, your engine ECU (which is inside the pump) will need to be reset, so you can learn it to the new car.

- Set up communication with CIM module
- Select [Programming]
- Enter Security Code of car where you have installed the diesel pump
- Select [Immobilizer Function Programming]
- Select [ECM (Motor Module) replaced]

This will learn the new Security Code to the engine control module.

Reset immobilizer related controllers

Then, you need to go into each module, for which you have a corresponding fault code stored in the CIM module (see below), and do a reset/programming cycle with the security code of the car.

- IPC Instrument B3925 -00 Wrong Environment Identifier Received IPC
- REC Rear Electrical Centre B3929 -00 Wrong Environment Identifier Received REC
- BCM Body Control Module B3924 -00 Wrong Environment Identifier Received BCM
- DDM Driver Door Module B3926 -00 Wrong Environment Identifier Received DDM
- PDM Passenger Door Module B3927 -00 Wrong Environment Identifier Received PDM

After the reset, you need to wait at least 10 seconds with the ignition OFF, to allow the car to learn the new identifier.

Now select ECM and check programming of:

- Highspeed CAN bus
- Variant configuration
- Tyresize