



Citroen C4 1,6 L HDI Engine codes 9HX, 9HY, 9HZ

Starting problems in cold weather

If there are complaints about the above-mentioned fault, the cause may be a defective fuel preheater. Due to the faulty preheater, the fuse for the built-in supply module blows. This fuse supplies the preheater and also the electrically operated valve for control of the turbocharger. In addition, two fault codes may be stored.

Fault code 2043 “Electrically operated valve, pressure, turbocharger, circuit open”.

In the case of this fault, the boost pressure is very low because the pressure valve is constantly open. The customer may therefore complain about a lack of power.

Fault code 2045 “Electrically operated valve, pressure, turbocharger, short-circuit to earth”.

In the case of this fault, the boost pressure is too high under certain driving conditions. The engine control-lamp illuminates and the vehicle goes into “limp-home” mode.

Proceed as follows:

- Check the number engraved onto the preheater (see illustration).
- If the number is in the production period from 303/04 to 331/04, the preheater must be replaced (303 = production day, 04 = year)
- After this, replace the faulty fuse. This 30A fuse is in slot F10 in the fuse box / engine bay.



- Erase the fault memory and check that the system is working.

