

# Citroen C5 - Irregular engine running | HELLA

**Citroen**

**C5, 2.2D HDI**

**Engine code DW12B**

**Built from 01/04/2006 to 20/06/2006**

## **Irregular engine running**

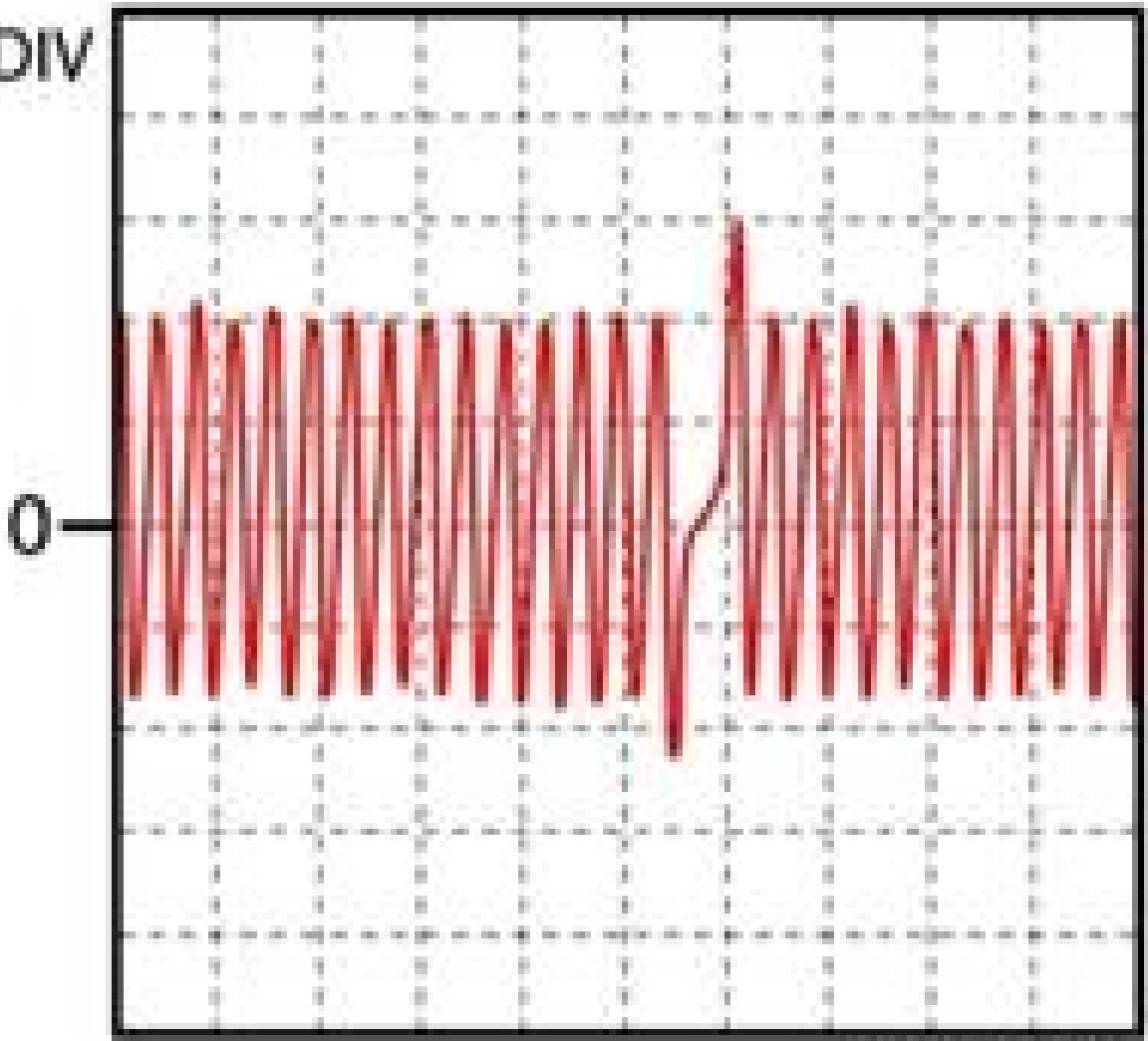
Irregular engine running

If a customer complains about the above problem, this could be caused by the crankshaft sensor. Defective pins of the two-pin connector may cause the problems listed below. Additional complaints may be poor throttle response and stalling of the engine. The following fault codes may be stored:

- P 0335 – crankshaft position sensor, A circuit functional error.
- P 0336 – crankshaft position sensor, A circuit range and functional error.
- P0606 - powertrain controller, processor error

If this is the case, the crankshaft sensor must be checked. The sensor signal can usually be displayed by a diagnostic tester via the "Measurements/Parameters" menu. The signal can also be visualised using an oscilloscope, see Figure 1. The Figure shows a good signal.

2 V/DIV



5 MS/DIV

Fig. 1

**ⓘ Important safety note**

The following technical information and tips for practical use have been set up by HELLA in order to offer professional support to automotive workshops in their daily work. The information available here on this website is only to be used by appropriately trained specialist staff.

The reprinting, distribution, reproduction, exploitation in any form and disclosure of the contents of this document, even in part, is prohibited without our express written approval and indication of the source. The schematic illustrations, figures and descriptions are for explanation and presentation of the document text and cannot be used as a basis for installation or design. All rights reserved.