

Opel Insignia - Nedsat motoreffekt | HELLA

Opel Insignia Årgang: 2012 - 2013 Med motor: 1,6L(LLU) A16LET Nedsat motoreffekt Motorkontrollampen lyser Hvis der for disse modeller klages over nedsat motoreffekt, og motorkontrollampen lyser, kan årsagen være en funktionsfejl i turboladerens magnetventil (wastegate). Desuden kan fejlkoderne P0234 og P0299 være lagret i motorstyreenhedens fejlhukommelse. Fejlkoderne betyder:- P0234, `Turbolader, ledningsnet, bypassventil`.- P0299, `Turbolader, mekanisk funktionsfejl`. Ventilens omskifterfunktion kan være hindret af klæbrige aflejringer i ventilens stålstuds (ved stikket). Årsagen kan være brug af et „glidemiddel“ for at lette monteringen i produktionen hhv. ved samling. Fejlen afhjælpes ved at udskifte turboladerens magnetventil. Bilproducenten kan levere nedenstående reservedel.- Res.nr.: 8 50 350 (GM-nr.:55574902). Udskiftning foretages således:- Kontroller, at der ikke ligger spænding an hhv. afbryd spændingen til magnetventilen.- Tag slangerne af (illustration pos.1).- Skrue skruen ud (illustration pos.2).- Udskift turboladerens wastegate-ventil (illustration pos.3).- Monter derefter skruen og slangerne igen.- Slet fejlkoderne. Illustration.

Insignia

Model year: 2012 – 2013

With engine: 1.6L (LLU) A16LET

Loss of engine power.

Engine warning light comes on.

If there are reports of a loss of engine power and the engine warning light comes on for these vehicles, a malfunction of the turbocharger's solenoid valve (wastegate) should be considered as a potential cause.

In addition, the error codes P0234 and P0299 may be stored in the engine control unit's error memory.

Error code 'equivalent' to:

- P0234, 'Turbo/supercharger, wiring harness, bypass valve'.
- P0299, 'Turbo/supercharger, mechanical malfunction'.

Sticky residue in the solenoid valve's steel nozzle (plug side) can hinder the switching function. The cause of this could stem from the use of a lubricant for making assembly easier during the production or assembly process.

The turbocharger solenoid has to be replaced to correct the error.

The manufacturer is offering the following spare part for this purpose.

- Spare part No.: 8 50 350 (GM No.:55574902).

Proceed as follows during the replacement:

- Ensure the section has been de-energized or disconnect the solenoid valve from the power.
- Disconnect the hoses (Figure, item 1).
- Unscrew the screw (Figure, item 2).
- Replace the turbocharger's shift solenoid valve (Figure, item 3).
- Then reattach the screw and hoses.
- Clear the error codes.

