

Vauxhall / Opel flywheel modification

Part Number: 821303, 834018, 828019, 834243

For Vehicle: Opel / Vauxhall Astra G/H, Combo, Corsa C, Meriva, Signum, Vectra C, Zafira B
Applicable Engines: Z16XEP, Z16YNG, Z18XE, Z18XER

It has come to the attention of Valeo Service that the original clutch and flywheel fitted to the above vehicles experienced issues of grabbing when the vehicle was used in certain conditions. From May 2007 a modified clutch (828019/834243) and flywheel was fitted as standard to eradicate the issue. The friction material on the clutch cover was manufactured thicker than the previous clutch (821303/834018) and therefore the flywheel depth was also modified from 19mm to 21.6mm.

Please note; although the clutch change can be identified from an engine number cut off, if the vehicle shows any symptoms of the above issue, the vehicle manufacturer also retrofitted the older models containing clutch kit 821303 (flywheel with a 19mm depth) with the new clutch kit 828019 (flywheel with a 21.6mm depth)

Valeo advise checking what clutch kit has been installed on the vehicle prior to fitting a new one by carrying out the following:

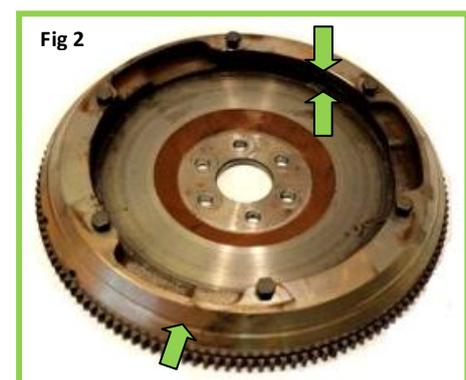
- 1) Check the depth of the flywheel as per Fig 1 and Fig 2
- 2) If pre 05/2007 check if the vehicle has been retro-fitted with the later clutch and flywheel. This is indicated by a Green paint mark on the gearbox (Fig 3).



Original Flywheel OE number 90536140 / 616169 without indentation and a depth of 19mm



Retro-fitted gearbox with paint mark



New Flywheel OE number 93186460 / 5616016 with indentation and a depth of 21.6mm