

Applications

Make	Model	Year
Opel/Vauxhall	Signum Turbo	2003-2008
	Vectra-C Turbo	2002-2008
Saab	9-3 1,8T	2002-2011
	9-3 1,8T BioPower	2002-2011
	9-3 2,0T	2002-2012
	9-3 2,0T BioPower	2010-2012
	9-3 XT	2009-2011

Engine Code

2.0	Z20NET, B207E, B207, B207L
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Our products are designed to be used correctly and with care for the purpose for which they are intended. No liability is accepted by Sonic for incorrect use of any of our products, and Sonic cannot be held responsible for any damage to personnel, property or equipment when using the tools. Incorrect use will also invalidate the warranty.

If applicable, the applications database and any instructional information provided has been designed to offer general guidance for a particular tool's use and while all attention is given to the accuracy of the data no project should be attempted without referring first to the manufacturer's technical documentation (workshop or instruction manual) or the use of a recognised authority such as Autodata.

It is our policy to continually improve our products and thus we reserve the right to alter specifications and components without prior notice. It is the responsibility of the user to ensure the suitability of the tools and information prior to their use.

SONIC
equipment

Instructions

Camshaft Alignment Kit Opel/Saab Petrol Turbo (Z20/B20) - 2.0



829065 - Camshaft Alignment Kit

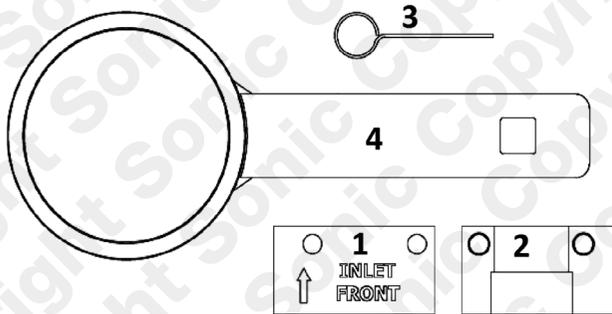
Description:

The 829065 kit has been Developed to change the camshaft drive chain on the twin cam chain driven 2.0lt turbo petrol engines found in the Vauxhall and Saab ranges from 2002 to 2012.

829065 is an 4 piece kit consisting of the components required to lock the camshaft, hold the crankshaft and set the chain tensioner when replacing the timing chain.

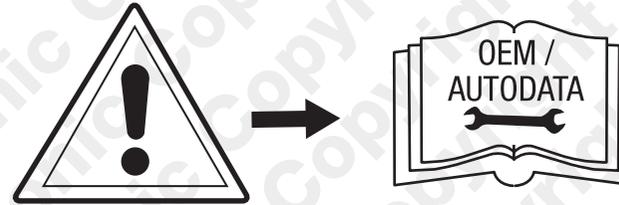
Components

Ref	Comp	OEM	Description
1	4880298	KM-6362-1 EN-48366-001	Cam Block Inlet
2	4880299	KM-6362-2 EN-48366-002	Cam Block Exhaust
3	4880180	KM-6077 83 96 392	Tensioner Pin
4	4880230	KM-J-38122-A 83 96 210	Crankshaft Holding Tool



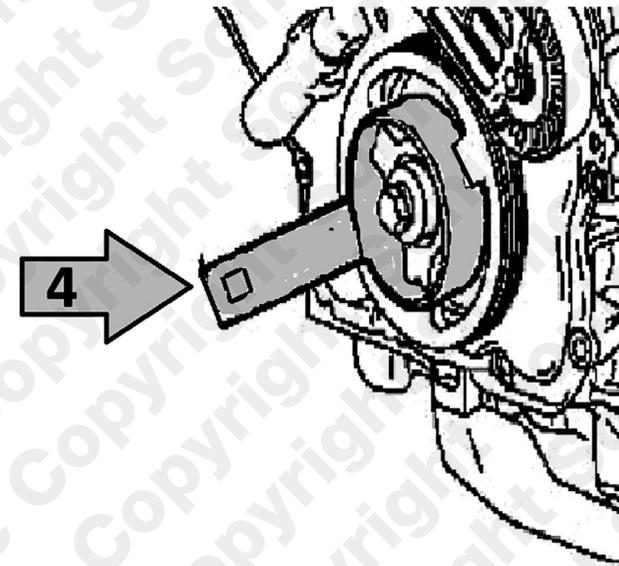
Instructions

The following instructions are for guidance only. Please refer to OEM derived data such as the vehicles manufactures own data or Autodata. The use of these engine timing tools is purely down to the user's discretion and Sonic cannot be held responsible for any damage caused what so ever.

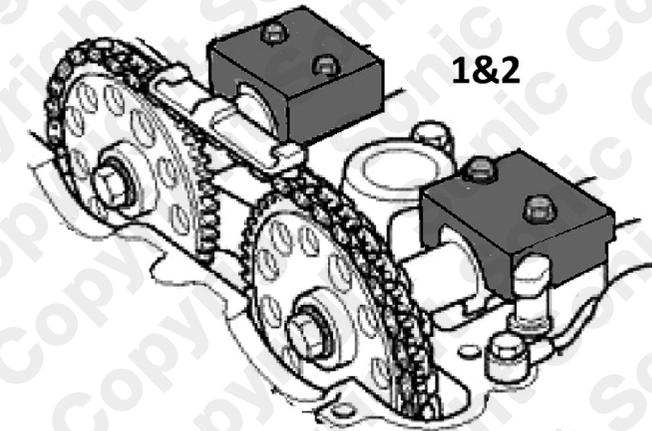


Follow manufactures instructions to align the crankshaft and camshafts.

Remove the crankshaft pulley by holding the pulley with component 4 and an appropriate ½ drive bar or ratchet handle.



Lock the camshaft in position using components 1 and 2



Lock the balancer shaft chain tensioner in its retracted position using component 3

