



BALANCE SHAFT SETTING PLATES FOR PSA/ GM BELT DRIVE

MODEL NO: **VS5296**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions and maintained properly, give you years of trouble free performance.

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to Instruction
manual



Wear Eye
protection

1. SAFETY

- ☐ **WARNING!** Wear approved eye protection. Wear appropriate Personal Protective Equipment. A full range of Personal Protective Equipment is available from your Sealey stockist.
- ☐ **WARNING!** Ensure that Health & Safety, Local Authority Regulations and general workshop practice Regulations are adhered to when using tools.
- ✗ **DO NOT** use tools if damaged.
- ✓ Maintain tools to ensure that they are in an adequate condition for safe use and optimum performance.
- ✓ Ensure that a vehicle that has been raised by a jack is adequately supported. Use axle stands.
- ✗ **DO NOT** attempt to start or move a vehicle whilst in gear and with timing devices fitted.
- ✓ Wear suitable clothing to avoid snagging. **DO NOT** wear jewellery. Tie back long hair.
- ✓ Account for all tools, parts and components being used. **DO NOT** leave these in or near the engine. Return tools to suitable storage after use.
- ✓ When not in use, store in a safe, dry childproof place.
- ✓ Keep children and unauthorised persons away from the work area.
- IMPORTANT! These instructions are provided as a guide only. Always refer to the vehicle manufacturer's service instructions or a proprietary manual to establish the correct procedure and data.**
- ☐ **WARNING!** The warnings, cautions and instructions in this manual cannot cover all possible conditions and situations. The operator / user must apply caution and common sense (good practical sense).
- ✓ When timing an engine, always prevent the engine from being turned over. Use a notice and / or inhibit the engine.
- ☐ **WARNING!** Incorrect or out of phase camshaft timing can result in contact between the valve head and the piston crown. This will cause damage to the engine.

2. INTRODUCTION

Setting tools to correctly position the balance shaft in 1.2 Puretech engines. For use in EB2 belt-in-oil engines. Designed to suit 1.2 Puretech engines fitted in a range of PSA vehicles. Equivalent to 0109-4BZ / EN-52128 and 0109-4H / EN-52589 OEM Tools.

3. SPECIFICATION



Nett Weight:

0.535kg

4. APPLICATIONS

Applications:	
Citroen:	Berlingo IV (18-24), C3 III (16-24), C3 Aircross (17-24) C4 III (20-24), C4 Cactus (17-21), C4 Space Tourer (17-24), C5 Aircross (19-24)
Peugeot:	2008 (20-23), 208 (14-23), 3008 (16-24), 308 (14-24), 5008 (17-18), 508 (19-24), Partner III (14-18), Partner IV (18-24), Rifter (18-24)
Toyota:	ProAce City (19-24), ProAce City Verso (19-24)
Vauxhall:	Astra L (19-24), Astra L Sports Tourer (19-24), Combo E (18-24), Combo E Life (18-24), Crossland X (17-24), Grandland X (17-21)

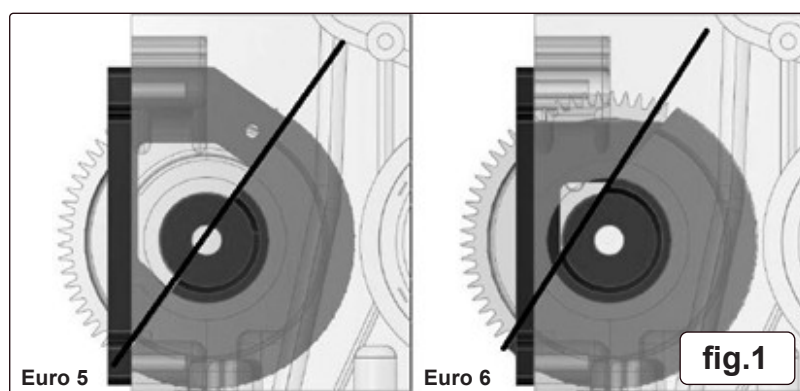
Associated Tools:	VSE5092, VSE5093, VSE5094, VS5255
--------------------------	-----------------------------------

Engine Codes:	
1.2 PureTech	<p>HNP (EB2ADT), HNS (EB2ADTS), HNZ (EB2DT), HMZ (EB2F), HMP (EB2FB), HNV (EB2DT), HMM (EB2FAD), HMR (EB2FA), HNY (EB2DTS), HNV (EB2DTM), HNK (EB2ADTD), HNT (EB2ADTS), HNN (EB2ADTS), HNE (EB2ADTD), HNL (EB2ADTSM), HNJ (EB2ADTXM)</p> <p>HNX (EB2DTS), EB2ADTD (HNK), EB2ADTS (HNS), EB2ADTX (HNN), EB2DT (HNZ), EB2FAD (HMH), EB2ADTD (HNE), EB2DTS (HNY), EB2DTS (HNW), EB2ADT (HNP), LEZ/B12XE, LEZ/D12XE, LEZ/F12XE, LES/B12XHL, LEG/B12XHT, LEG/D12XHT, LES/D12XHL, LEG/F12XHT, LES/F12XHL, LES/B12XHT, LES/D12XHT, LES/F12XHT</p>

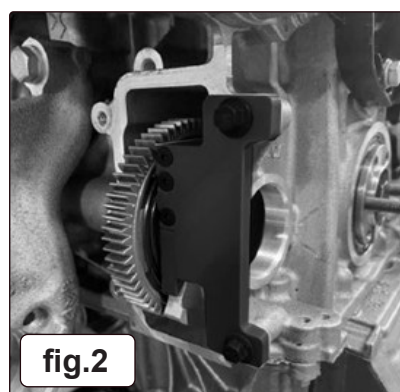
5. INSTRUCTIONS

- 5.0.1. The Sealey VS5296 comprises of a pair of balance shaft setting tools designed to suit all 1.2 Puretech EB2 Belt-in-Oil engines that are fitted to many Citroen, Peugeot, Toyota and Vauxhall/ Opel vehicles.

NOTE: There are different setting tools for the Euro 5 multi-point fuel injection and Euro 6 direct injection (GDi) engines. The balance shaft on the Euro 5 engines have a parallel flat located across the centreline of the shaft, Euro 6 engines have an offset flat located across the centreline of the shaft. (fig.1)



- 5.0.2. With the engine in its timed position, select the correct Balance Shaft Setting Plate for the engine type and onto the balance shaft aperture as shown. (fig.2 and fig.3)



ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.



REGISTER YOUR PURCHASE HERE

NOTE: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

IMPORTANT: No Liability is accepted for incorrect use of this product.

WARRANTY: Guarantee is 12 months from purchase date, proof of which is required for any claim.

Jack Sealey Ltd t/a Sealey Group, Kempson Way, Suffolk Business Park, Bury St Edmunds, Suffolk, IP32 7AR UK
Jack Sealey (EU) Ltd t/a Sealey Group, Farney Street, Carrickmacross, Co. Monaghan, A81 PK68 Ireland
Tel: 01284 757500 • **Email:** sales@sealey.co.uk • **Web:** www.sealey.co.uk