

ART NO. 829117



Engine Timing Tool Kit

VAG/Porsche FSi Petrol



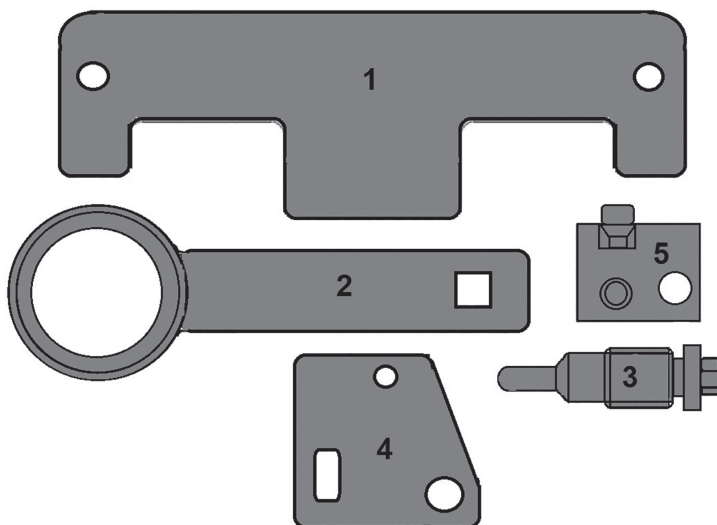
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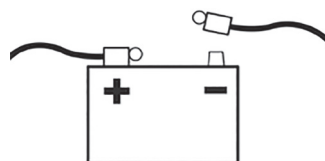
Description

The 829117 timing tool kit provides the essential camshaft, crankshaft and petrol fuel pump alignment tools to allow replacement of the camshaft drive chain on the 2001 to 2015 6 and 8 cylinder FSi petrol engines found in the VAG and Porsche ranges.

Plan Layout



Ref	Code	OEM	Description
1	4880360	T10068-A	Camshaft Alignment Plate x 2
2	4880361	T10069	Crankshaft Pulley Holding Tool
3	4880407	T40237	Crankshaft TDC Locking Screw
4	4880362	T10363	Fuel Pump Sprocket Locking Tool (with mechanical vacuum pump)
5	4880363	T10332	Fuel Pump Sprocket Locking Tool (no mechanical vacuum pump)



Applications

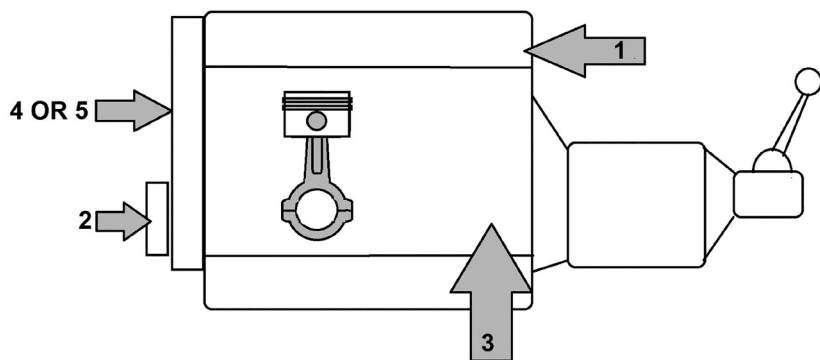
Make	Model	Year	Type
Audi	A8	2002-2011	FSI
	S8	2001-2015	W8
	Q7	2003-2010	R36
	A3/A3 Sportback	2005-2015	BlueMotion
	TT	2011-2012	R32
Porsche	Cayenne	2001-2004	R32
Skoda	Superb II	2010-2016	FSI
Volkswagen	Phaeton	2007-2015	FSI VR6 24V
	Touareg	2008-2012	
	Passat	2005-2014	
	Eos	2010-2014	
	Passat CC	2010-2014	
	Phaeton	2007-2010	
	Touareg	2003-2011	
	Golf V	2006-2009	
	Golf IV	2001-2004	
	Bora	2001-2004	
	Sharan	2000-2010	
	Transporter T4	2000-2003	

Engine Size	Engine Code
2.8	BDE, AYL, AMV
3.2	CBRA, AXZ, BDB, BMJ, BUB
3.6	M55/02, M55/01, CDVA, BWS, CHNA, BHK, BHL, CGRA, CMTA
4.0	BDN, BDP
6.0	BAN, BAP, BRN, BRP, BTT, BJN
6.3	CEJA, CTNA

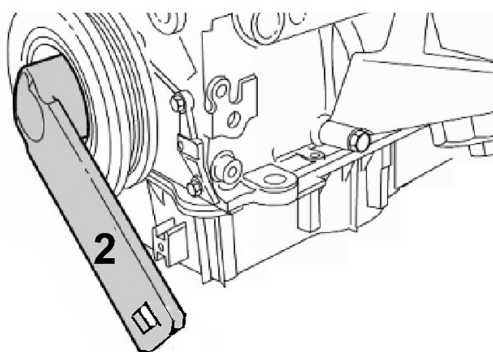
The following instructions are for guidance only. Please refer to OEM derived data such as the vehicle manufacturers' own data or Autodata.

The use of these engine timing tools is purely down to the user's discretion and Sonic Equipment cannot be held responsible for any damage caused what so ever.

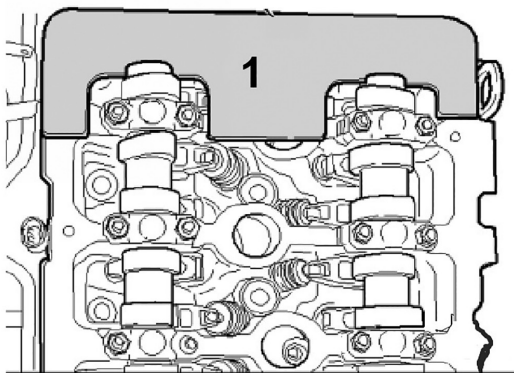
Instructions



Component 2 is used to hold the crankshaft and turn the crankshaft as required.

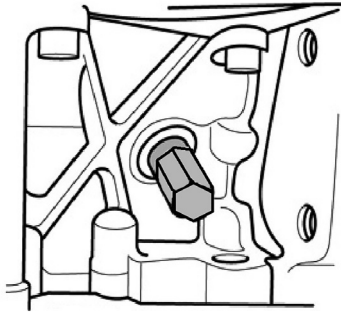


Lock the camshafts in place using **Component 1**.



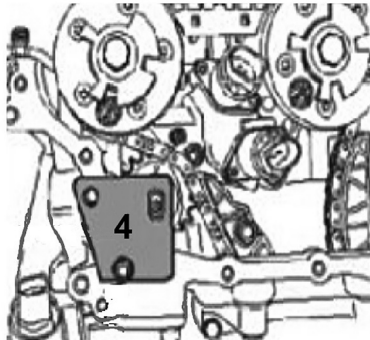
Instructions

Component 3 screws in to the block to lock the crankshaft in it's TDC position (engine CAJA 6.3).

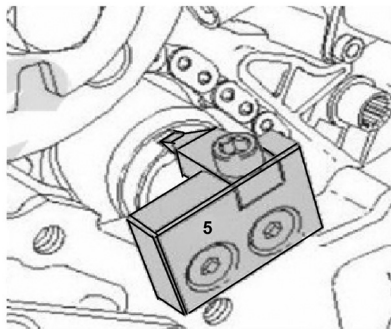


3 (6.3 CEJA engine)

On engines fitted with a mechanically driven vacuum pump lock the high pressure fuel pump sprocket with **4**.



On vehicles that do not have a mechanically driven vacuum pump lock the high pressure pump sprocket with **5**.



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 Equipment for incorrect use of any of our products, and Sonic Equipment 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.