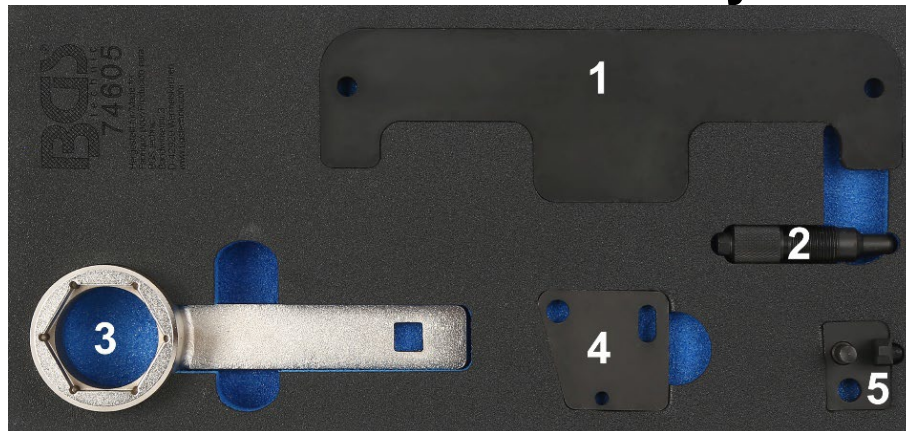


Engine Timing Tool Set for VAG and Porsche 6 / 8 cylinder



TOOLS

- 1 Camshaft locking tool (x2), to be used as OEM T10068A
- 2 Crankshaft locking bolt, to be used as OEM 3242
- 3 Crankshaft holding tool, to be used as OEM T10069
- 4 High pressure pump locking tool, to be used as OEM T10363
(for engines with mechanical vacuum pump)
- 5 High pressure pump locking tool, to be used as OEM T10332
(for engines with electric vacuum pump)

ATTENTION

Read the operating instructions and all safety instructions contained therein carefully before using the product. Use the product correctly, with care and only according to the intended purpose. Non-compliance of the safety instructions may lead to damage, personal injury and to termination of the warranty. Keep these instructions in a safe and dry location for future reference. Enclose the operating instructions when handing over the product to third parties.

INTENDED USE

This engine timing tool set is used to check and adjust the engine timing on 6- and 8-cylinder engines from VAG and Porsche (see vehicle and engine list)

More information regarding this item and a list of suitable engines and models can be found on our website: www.bgstechnic.com

ENGINE LIST

Engine	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

VEHICLE LIST

Manufacturer	Model	Year	Engine
Audi	A8	2002-2011	FSI W8 R36 BlueMotion R32 VR6 24V
	S8	2001-2015	
	Q7	2003-2010	
	A3/A3 Sportback	2005-2015	
	TT	2011-2012	
Porsche	Cayenne	2001-2004	
Skoda	Superb II	2010-2016	
Volkswagen	Phaeton	2007-2015	
	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	

SAFETY INFORMATION

- Keep children and other persons away from the working area.
- Do not allow children to play with this tool or its packaging.
- Do not use the tool if parts are missing or damaged.
- Use the tool for the intended purpose only.
- Never place the tool on the vehicle battery. There is a risk of a short circuit.
- Be careful when working on running engines. Loose clothing, tools and other objects can be caught by rotating parts and cause serious injury.
- Be careful when working on hot engines because of the risk of burn injuries!
- If you remove the ignition key before repairing, you can prevent the engine from being started accidentally and resulting in engine damage and personal injuries.
- This manual serves as a brief guide and does not replace a workshop manual. Always refer to the vehicle-specific service literature, particularly the technical data such as torque values and instructions for disassembly/assembly, etc.
- After repair or before starting the engine, turn a minimum of 2 turns by hand and check the timing again.
- Turn the engine only in the normal direction of rotation (clockwise unless otherwise specified)
- Do not use locking tools for camshaft and crankshaft as a counter-holder, during loosening or tightening screws on pulley, camshaft or crankshaft. This can damage tools and engine components. Only use tools that are suitable for this purpose.

ENVIRONMENTAL PROTECTION

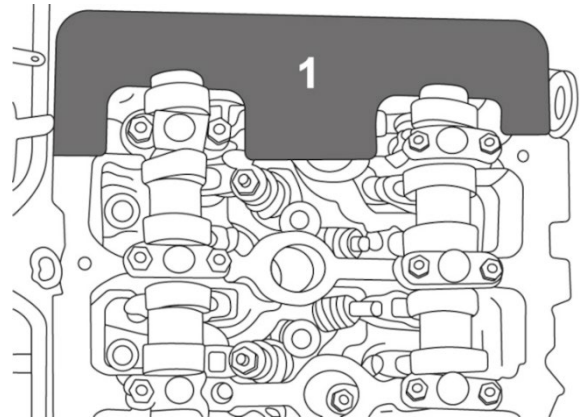
Recycle unwanted materials instead of disposing of them as waste. Packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. Contact your local solid waste authority for recycling information.



USE

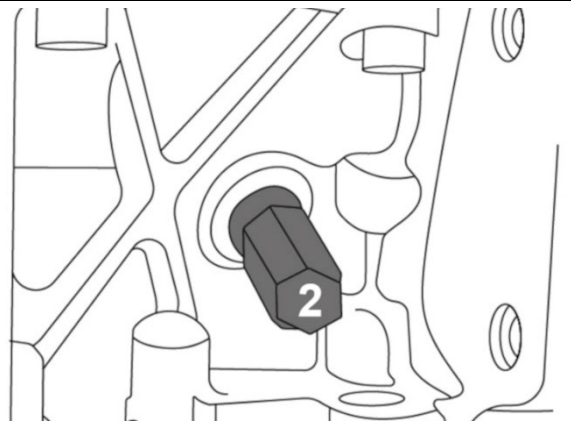
2x Camshaft locking tool (1),
to be used as OEM T10068A

Holds the camshafts in place.



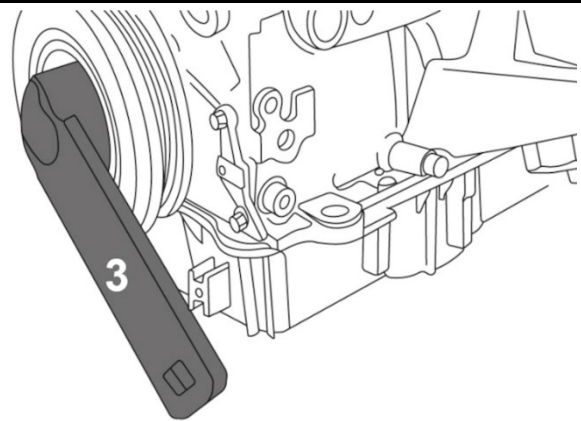
Crankshaft locking bolt (2),
to be used as OEM 3242

Screws into the engine block to lock the
crankshaft in its TDC position.



Crankshaft holding tool (3),
to be used as OEM T10069

Used to hold and rotate the crankshaft as
required.



High pressure pump locking tool (4),
to be used as OEM T10363
Locks the fuel pump sprocket on engines with a
mechanical vacuum pump.

High pressure pump locking tool (5),
to be used as OEM T10332
Locks the fuel pump sprocket on engines with
an electric vacuum pump.

