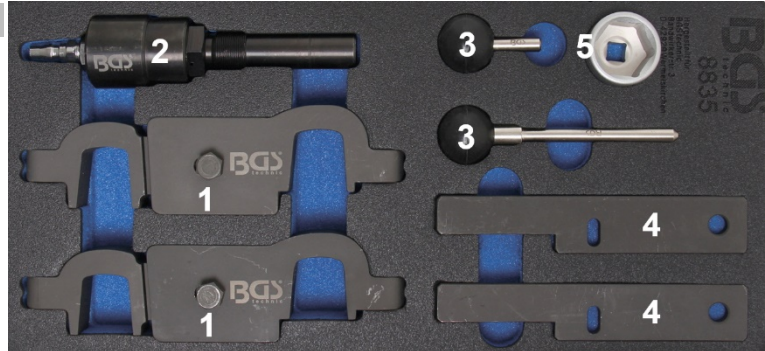


## Engine Timing Tool Set for Porsche Cayenne

### TOOLS

- 1 Camshaft Setting Tool,  
to be used as OEM 9678/1
- 2 Chain Tensioner,  
to be used as OEM 9683/1
- 3 Crankshaft-Setting Tool,  
to be used as OEM 9595/1
- 4 Camshaft Setting Tool,  
to be used as OEM 9678
- 5 Socket,  
to be used as OEM 9714



### 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 tool set is used to check and adjust the engine timing on following models:  
Porsche Cayenne and Panamera.

More information regarding this item and a list of suitable engines and models can be found on our website: [www.bgstechnic.com](http://www.bgstechnic.com)

### SAFETY INFORMATIONS

- 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.
- 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.

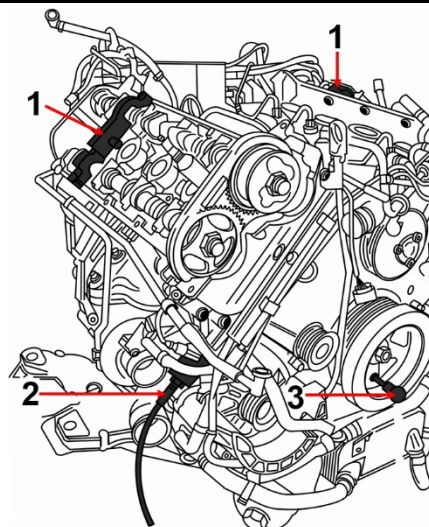
## UTILISATION

Porsche Cayenne (2008-)

Camshaft setting tool (1)

Chain tensioner (2)

Crankshaft setting tool (3)



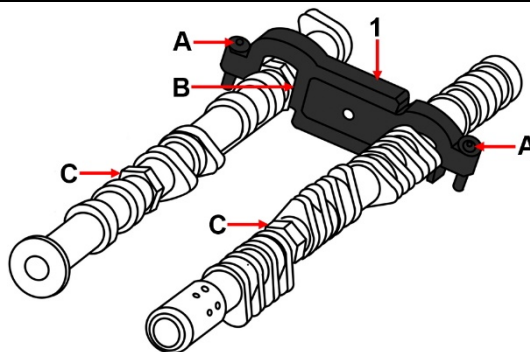
Porsche Cayenne (2008-)

Camshaft setting tool (1)

Screws for installing tool (A)

Adjusting profile on camshaft (B)

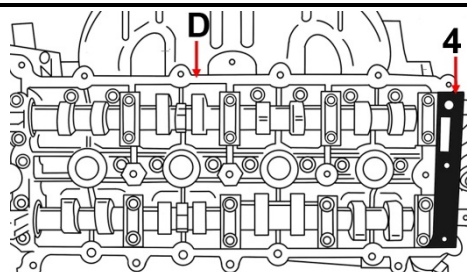
Hexagon for open end spanner (C)



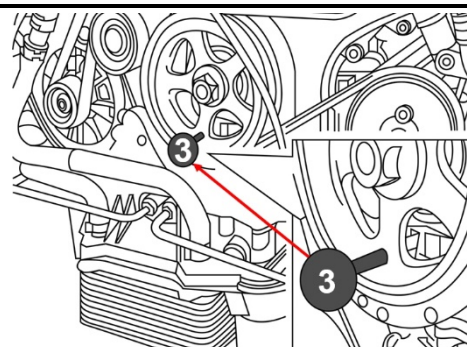
Porsche Cayenne (-2008)

Camshaft setting tool (4)

Cylinder head (D)



Crankshaft setting tool (3)



## ENVIRONMENTAL PROTECTION

Dispose of this product at the end of its working life environmentally. 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. Contact your local solid waste authority for recycling information.

