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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.



**Safety First. Be Protected.**

7499\_Instructions\_v2

### Guarantee

If this product fails through faulty materials or workmanship, contact our service department direct on: **+44 (0) 1926 818186**. Normal wear and tear are excluded as are consumable items and abuse.



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# LASER<sup>®</sup>

7499

## Timing/Tensioner Pin Kit Porsche



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## Description

An engine crankshaft timing and tensioner pin kit for the flat six 2.5, 2.7, 3.2, and 3.4 engines found the Boxster and 911 Porsche models from 1996 to 2002.

The applications listed require threaded compression screws to release the cam chain tensioners in the cylinder heads. Depending on the engine code these screws can be left or right hand threaded. The 7499 includes both the left and right hand threaded pins.

## Components



Ref	Code	OEM	Description
A	C905	9595/1, 00072195951	Crankshaft Pulley alignment Pins
B	C906	9632/1, 00072196321	Cam Chain tensioner compressing screw LH thread x2
C	C907	9632, 00072196320	Cam Chain tensioner compressing screw RH thread x2

## Applications

Make	Model	Type	Year
Porsche	911	Carrera	1997-2000
	Boxster	S	1996-2002

Engine	Code	Engine	Code	Engine	Code
2.5	M96/20	3.2	M96/21	3.4	M96/01, M96/01S

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 this engine timing tool kit is purely down to the user's discretion and The Tool Connection Ltd cannot be held responsible for any damage caused what so ever.



## Basic Component Use

### Components A

Used to set the front crankshaft pulley to TDC, ensure the marks are aligned, before fitting the pins ensure all the camshaft marks align as specified by OEM instructions.

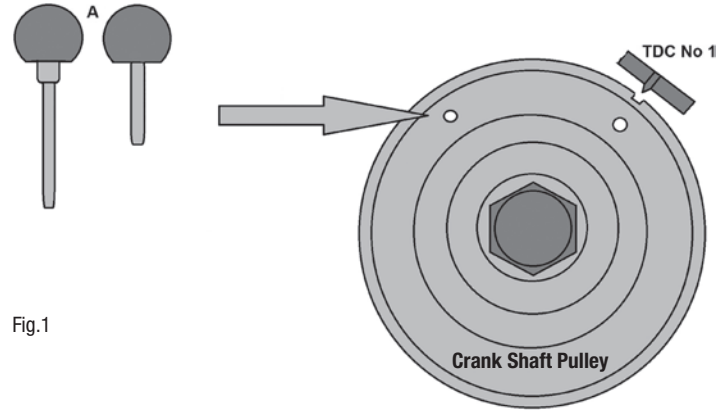


Fig.1

### Components B/C

Used to retract the camshaft drive chain tensioners in the cylinder heads to allow the chains to be removed during service and repair.

NOTE: check OEM information to ensure the correct threaded pins are used. The correct pins must be used to avoid damage to the tensioner or pins.

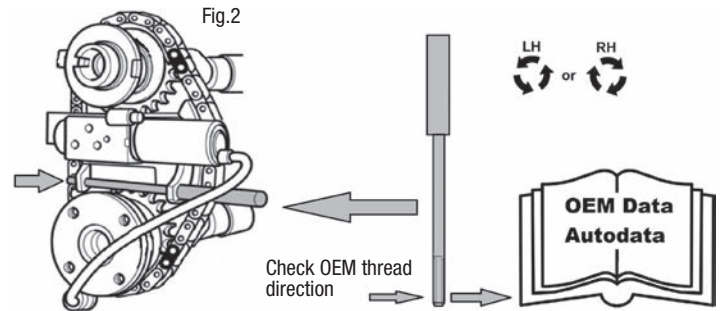


Fig.2