

Our products are designed to be used correctly and with care for the purpose for which they are intended. No liability is accepted by the Tool Connection for incorrect use of any of our products, and the Tool Connection 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.



Safety First. Be Protected.



7329_Instructions_v1

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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7329

LASER®

Camshaft VVT Actuator Wrench

BMW

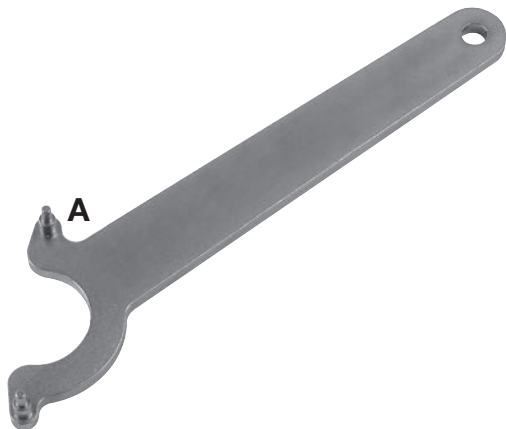


www.lasertools.co.uk

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7329 - Camshaft VVT Actuator Wrench – BMW B38, B46, B48

This wrench is designed to latch into the Variable Valve Timing Actuators and allow safe removal when performing oil seal replacement or cylinder head work on the BMW B38, B46 and B48 petrol engines.



Ref	Code	OEM	Description
A	C861	2 360 895	Actuator Wrench (Pin Wrench)

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 Variable Valve Timing Actuator is purely down to the user's discretion and Tool Connection Ltd. cannot be held responsible for any damage caused what so ever.



Preparation

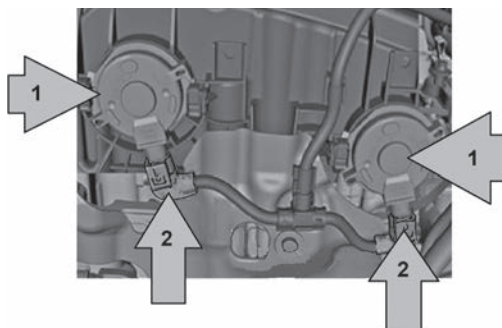
Removal and replacement of the camshaft control actuator requires:

- Removal of the sound insulation at the rear of the engine bay (upper middle bulkhead).
- Removal of the acoustic cover at the rear of the engine bay.
- Disconnection of the actuator electrical connections.

Instructions

Actuator Wrench (pin wrench)

- Identify the camshaft actuator units (1) as shown in Fig 1. Disconnect the actuator wires (2) in Fig 1.



- Place the 7329 on to the actuator as shown in Fig. 2 and turn the actuator through approximately 50°. Remove actuator.

