

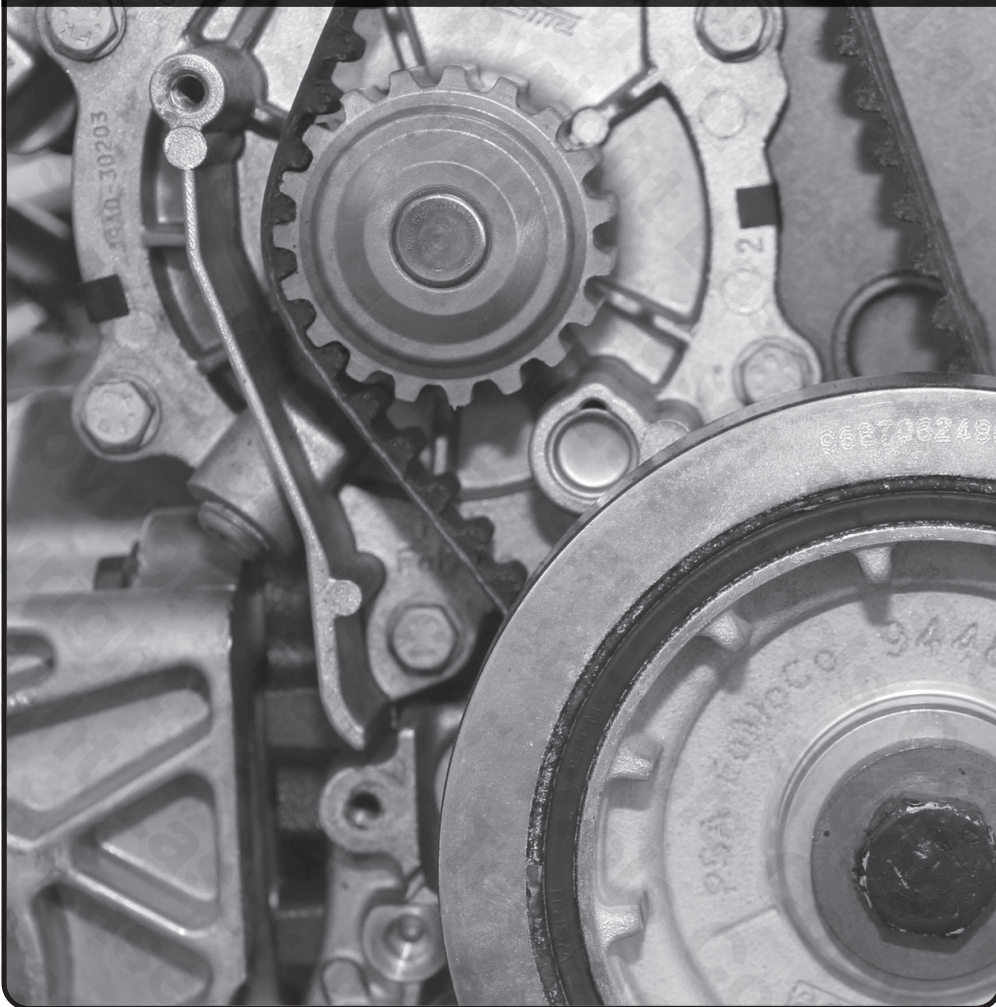
LASER[®]

Part No. 6173

Instructions

Engine Timing Tool Kit

BMW N20



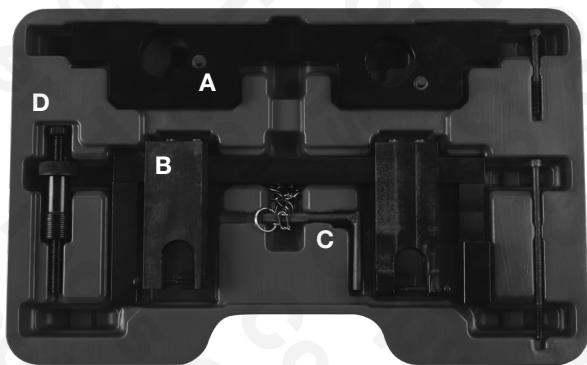
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Introduction

Specifically designed for the BMW N20 & N26 engines for dismantling and assembling intake and exhaust camshaft, as well as fixing the camshaft to TDC position.

- Specifically designed for BMW 1.6 & 2.0L N20 & N26 engines.
- Equivalent to OEM 83 30 2 212 830 (component A), 83 30 2 212 831 (component B), 83 30 2 219 548 (component C), 11 9 340 (component D).
- For chain driven petrol engines.
- Designed for fixing the camshaft to TDC position.
- For dismantling and assembling intake & exhaust camshaft.

Components



Ref.	Comp. Codes	OEM Ref.	Description
A	C649	83 30 2 212 830	Sensor Gear Alignment Gauge
B	C650	83 30 2 212 831	Camshaft Alignment Bridge
C	C651	83 30 2 219 548	Flywheel Timing Pin
D	C328	11 9 340	Timing Chain Pre Tensioner Tool

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 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 whatsoever.

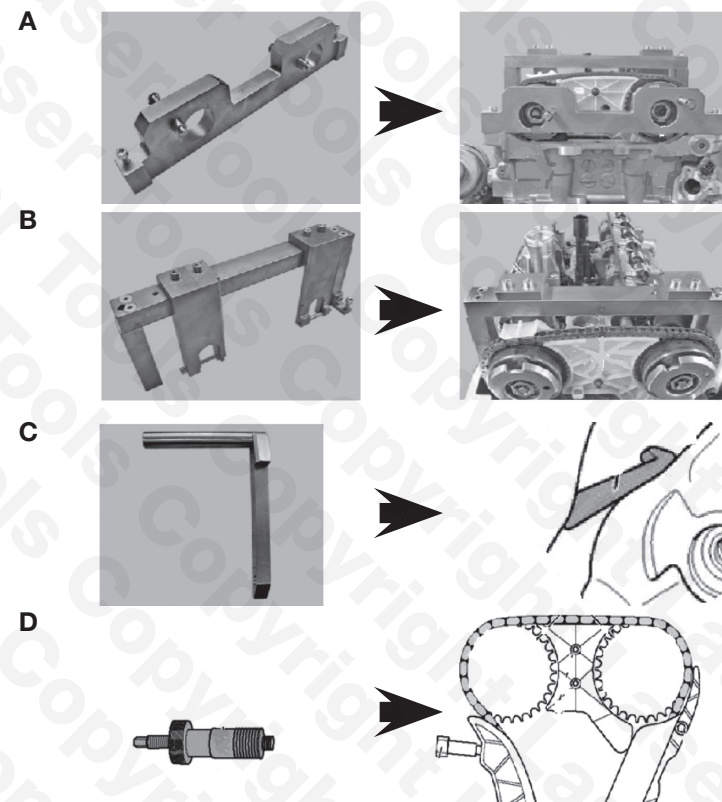


Applications

	Make, Model, Year		Engine Codes
BMW	1 Series	2012 - 2016	1.6
	2 Series	2014 - 2016	N20 B16A
	3 Series	2012 - 2016	2.0
	4 Series Coupe	2013 - 2016	N20 B20
	5 Series	2010 - 2017	N20 B20A
	5 Series Gran Turismo	2013 - 2016	N20 B20B
	X1	2011 - 2015	N20 B20B/U0
	X3	2011 - 2017	N20 B2000
	X4	2014 - 2018	N26 B20A
	X5	2015 - 2018	N26 B20A
	Z4	2011 - 2017	N26 B20A

Always refer to the website for most up to date applications:
www.lasertools.co.uk/product/6173

Instructions



Safety Warnings - please read

- If the engine has been identified as an Interference engine, damage to the engine will occur if the timing belt has been damaged. A compression check of all the cylinders should be taken before the cylinder head (s) are removed.
- Do not turn crankshaft or camshaft when the timing belt/chain has been removed.
- To make turning the engine easier, remove the spark plugs/glow plugs or injectors.
- Observe all tightening torques.
- Do not turn the engine using the camshaft or any other sprocket.
- Disconnect the battery earth lead (check Radio code is available).
- Do not use cleaning fluids on belts, sprockets or rollers.
- Some toothed timing belts are not interchangeable. Check the replacement belt has the correct tooth profile.
- Always mark the belt with the direction of running before removal.
- Do not lever or force the belt onto its sprockets.
- Do not use timing pins to lock the engine when slackening or tightening the crankshaft pulley bolts.
- ALWAYS REFER TO A REPUTABLE MANUFACTURERS WORKSHOP MANUAL.

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.



When you have finished with this product please recycle it

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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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