

BMW Timing Tool Kit - N62, N62TU & N73

- Properly aligns and locks camshaft in TDC position when adjusting or checking timing or replacing camshaft or timing chain on N62, N62TU & N73 (V12) engines
- Includes complete set of tools, including hold-down tool and crankshaft timing pin
- Compare to BMW Factory Tool: 119190, 119340, 119461, 119462 & 119463
- Tools included:
 - Camshaft alignment tools
 - Camshaft hold-down tools
 - Crankshaft timing pins
- Applications:
 - BMW N62, N62TU, and N73 (V12) engines
 - 2004-2010 BMW 545i, 550i, 645Ci, 650i, 745Li, 745i, 750Li, 750i, 760Li, and X5



CAUTION: To prevent injury, always wear gloves and eye protection that meets ANSI Z87.1 and OSHA standards.
CAUTION: To prevent equipment damage, clean and lubricate threaded screws and holes before and after use.

INSTRUCTIONS:

1. Disconnect the negative battery cable.
2. Remove the valve cover.
3. Align the camshafts to TDC using the camshaft alignment tool.
4. Install the camshaft hold-down tool.
5. Install the crankshaft timing pin.
6. You can now adjust or check the timing, or replace the camshaft or timing chain.
7. When you are finished, remove the tools and reinstall the valve cover.

Component Instructions:

119190: Camshaft Alignment Tool

1. This tool is used to align the camshafts to TDC (top dead center) on BMW N62, N62TU, and N73 (V12) engines.
2. To use the tool, insert the pins into the camshaft sprockets and rotate the engine until the pins are fully seated.
3. The camshafts are now aligned to TDC.

119340: Camshaft Hold-Down Tool

1. This tool is used to hold the camshafts in place while the timing chain is being replaced.
2. To use the tool, install the pins into the camshaft sprockets and tighten the screws.
3. The camshafts are now held in place.

119461: Crankshaft Timing Pin

1. This tool is used to hold the crankshaft in place while the timing chain is being replaced.
2. To use the tool, insert the pin into the crankshaft timing hole and tighten the screw.
3. The crankshaft is now held in place.

119462: Camshaft Alignment Tool (for V8 engines)

1. This tool is used to align the camshafts to TDC on BMW V8 engines.
2. To use the tool, insert the pins into the camshaft sprockets and rotate the engine until the pins are fully seated.
3. The camshafts are now aligned to TDC.

119463: Camshaft Hold-Down Tool (for V8 engines)

1. This tool is used to hold the camshafts in place while the timing chain is being replaced on BMW V8 engines.
2. To use the tool, install the pins into the camshaft sprockets and tighten the screws.
3. The camshafts are now held in place.

Safety Precautions:

- Always wear safety glasses when working on a car engine.
- Be careful not to damage the camshafts or timing chain when installing the tools.
- Disconnect the battery before working on the engine.

Troubleshooting:

- If the engine does not start after installing the tools, make sure that the camshafts are aligned correctly.
- If the timing is incorrect, the engine may not run properly or may damage itself.

Storage: Store the tools in the storage case when not in use.

Disclaimer: These instructions are for informational purposes only. Always refer to BMW instructions before working on a car engine.

