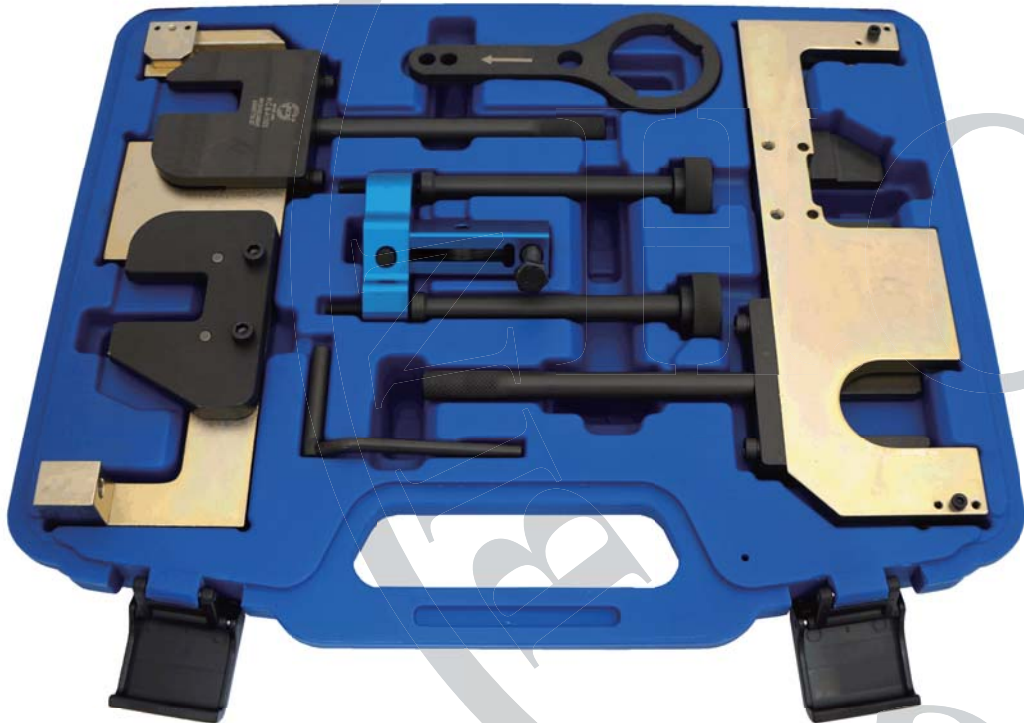


ET1593A

BMW N63/S63 CAMSHAFT ALIGNMENT TOOL SET



- * Specially designed to locate the camshaft in TDC position.
- * Checking and adjusting the timing chain tensioner.

Description

Application: N63 engine (After Sep. 2012)

For BMW S63 Engine:

S63B44O0

E70 X5M (2010-2013)

E71 X6M (2010-2013)

Wiesmann GT MF5 (2011-present)

S63B44T0

F10 M5 (2011-present)

F12 M6 (2012-present)

F13 M6 (2012-present)

F06 M6 Gran Coupe (2013-present)

OEM Number:

The S63 is BMW's Motorsport division version of the N63, which is debuted in the BMW X6M. The S63 uses two twin-scroll turbochargers plus a pulse tuned, cross-engine exhaust manifold to keep constant exhaust pulses flowing to the turbo S at every 180 degree rotation. Special designed to locate the camshaft in TDC position.

Checking and adjusting the timing chain tensioner.

For BMW S63 Engine:

S63B44O0

E70 X5M (2010-2013)

E71 X6M (2010-2013)

Wiesmann GT MF5 (2011-present)

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F10 M5 (2011-present)

F12 M6 (2012-present)

F13 M6 (2012-present)

F06 M6 Gran Coupe (2013-present)

OEM Number:

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83302249140 (#2249140)

83302249144 (#2249144)

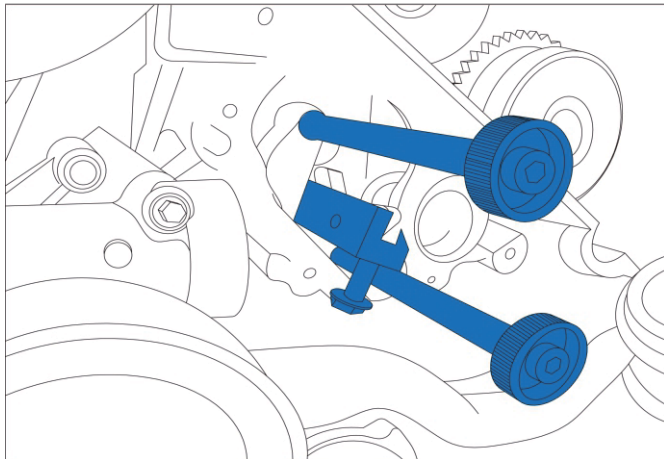
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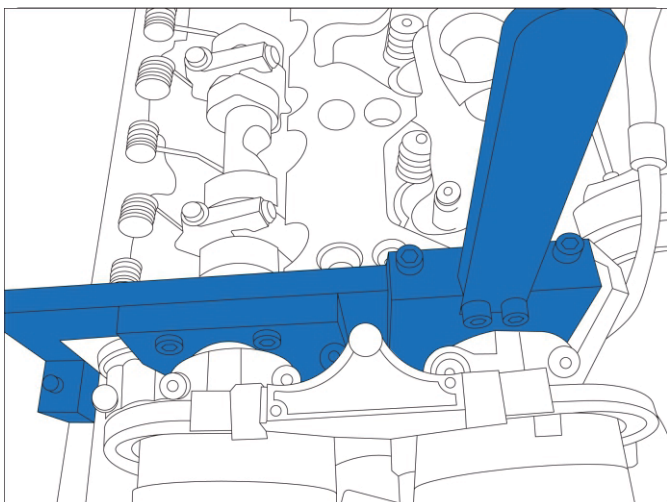
11 8 570 Vibration Damper Lock* Mount special tool 2 249 162 at position of chain tensioner.

* Pretension screw (1) to 0.6 Nm. 11 9 190 Plug Mandrel / Timing Pin

Operating Instructions



- * Mount special tool **2 249 162** at position of chain tensioner.
- * Pretension screw (1) to 0.6 Nm.



- * Place special tool **2 249 140** on the exhaust camshaft and check timing adjustment.

Note:

- * Timing is correctly adjusted when special tool **2 249 140** rests without a gap on cylinder head.
- * Screws (1) are not required for checking **timing**.
- * If necessary, adjust camshaft timing on left side.

