GEDORE
TOOLS FOR LIFE

Locking Tool Set, BMW

KL-0580-44 KA

GEDORE Automotive GmbH

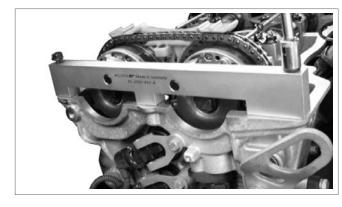| Breslauer Straße 41 | Postfach 1329 | Phone: +49 (0) 771 / 8 32 23-0 | Email: info@gedore-automotive.com |
| 78166 Donaueschingen | 78154 Donaueschingen - GERMANY | Fax: +49 (0) 771 / 8 32 23-90 | Internet: www.gedore-automotive.com |

KL-0580-44 KA

KL-0580-44 KA

BMW

KL-0580-44 KA - Locking Tool Set, BMW

Applicable to BMW 1.6 (N40 / N45) TwinCam petrol engines.
Fitted to BMW 1 Series (E81/E87) and 3 Series (E46/E90).
(Engine codes: N40 B16A, N45 B16A, N45T B16AC)

Field of Application

Tool set for the locking/positioning of camshafts and crankshaft, as well as for pre-tensioning the timing chain tensioner. The kit also includes a tool to adjust the VANOS adjustment units. An indispensable tool set when replacing a timing chain, removing and installing VANOS adjustment units or performing an engine repair.

For accessories, please see KL-0580-813 KB

Scope of Delivery: KL-0580-44 KA			
Part No./Description	**Qty**	**Image**	**Cross Reference OEM Tool No.**
KL-0580-443 A **Setting Gauge (Vanos)** For locking/adjusting the VANOS adjustment units.	1		11 7 260*[A]
KL-0580-442 A **Locking Tool for Exhaust Camshaft** For locking the exhaust camshaft.	1		11 7 251*[A]
KL-0580-441 A **Locking Tool for Inlet Camshaft** For locking the inlet camshaft.	1		11 7 252*[A]
KL-0580-8115-3 A **Knurled Screw for Locking Tools** For securing the locking tools. (**KL-0580-441 A + KL-0580-442 A**)	1		11 7 253*[A]
KL-0580-8111 A **Retaining Pin for Flywheel** For locking the flywheel.	1		11 9 190*[A] 11 5 120*[A]
KL-0580-8113 A **Pre-Tensioning Tool for Timing Chain** For pre-tensioning the timing chain.	1		11 9 340*[A]
KL-0580-4490 A - Plastic Storage Case	1	**Warnings and Notes** • Do not attempt to start the engine whilst tools of the **KL-0580-44 KA** locking tool set are still mounted. • All vehicle-specific data stated herein are supplied under reserve and without commitment. • Any work on vehicles should only be performed by qualified specialist personnel observing and complying with the directions, provisions, and safety regulations specified by the vehicle manufacturer. • Always refer to the vehicle manufacturer's data and instructions as only these apply to all work that is carried out on the vehicle.	

*[A] **Alternative Tool**