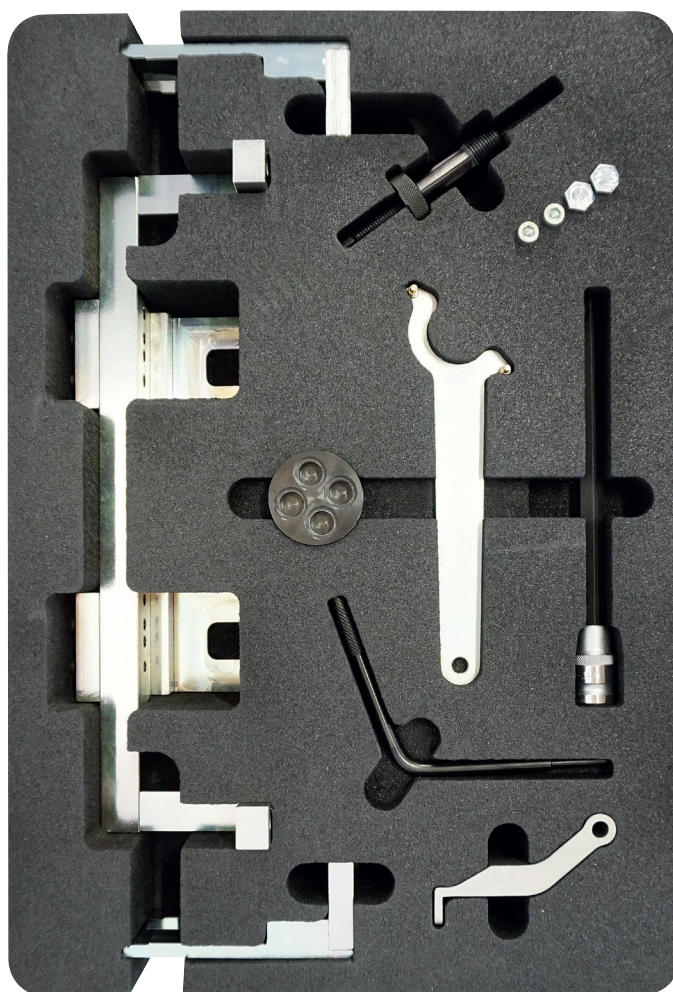




## KL-0580-851 E

Locking Tool for BMW (B38/B46/B48)



**Product information** EN  
⚠ Read and understand before use!

[www.gedore-automotive.com](http://www.gedore-automotive.com)



### GEDORE Automotive GmbH

Breslauer Straße 41  
78166 - Donaueschingen  
Postfach 1329  
78154 Donaueschingen - GERMANY

☎ +49 (0) 771 / 8 32 23-0  
☎ +49 (0) 771 / 8 32 23-90  
✉ info.gam@gedore.com  
🌐 gedore-automotive.com

### GEDORE TOOLS, INC.

Only for USA, Canada & Mexico / Sólo para EE.UU., Canadá y México  
Seulement pour les USA, le Canada et le Mexique  
7187 Bryhawke Circle, Suite 700  
North Charleston, SC 29418, USA

☎ +1-843 / 225 50 15  
☎ +1-843 / 225 50 20  
✉ info@gedoretools.com  
🌐 gedore.com

Version 1 - 02/2022

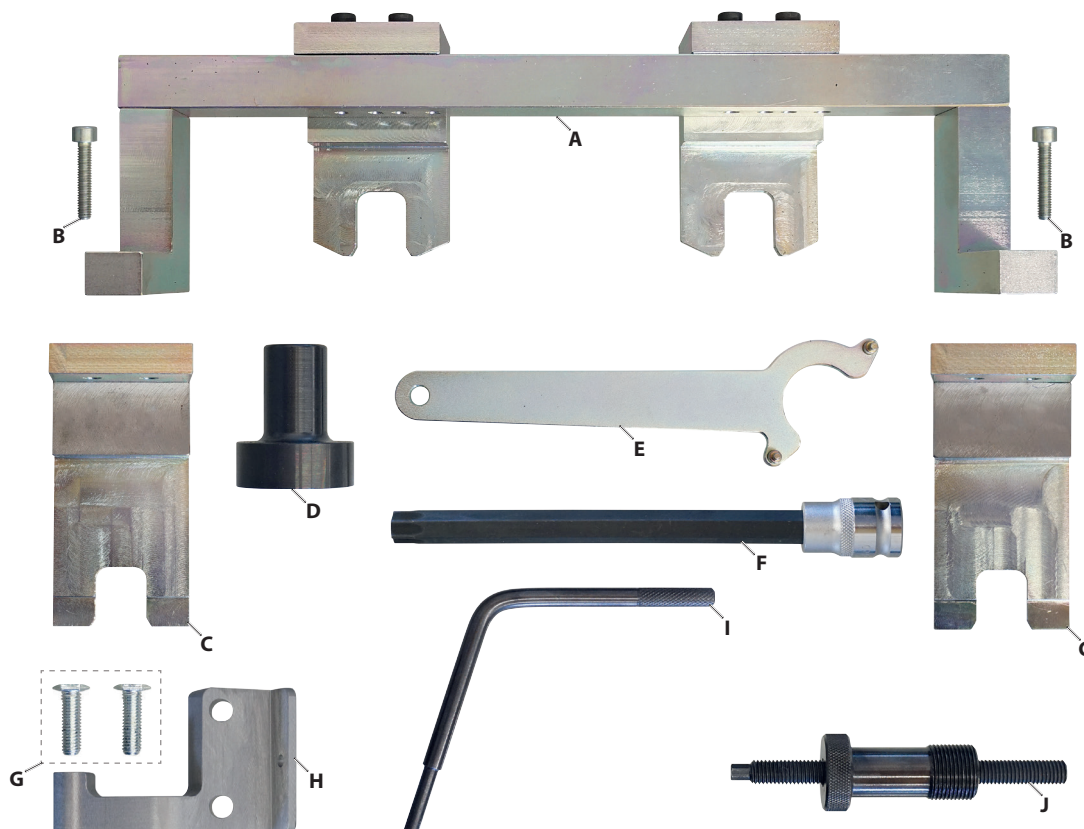
## Product description

### KL-0580-851 E - Locking tool for BMW (B38/B46/B46)

Fits BMW and MINI (B38/B46/B48) 1.2, 1.5, 1.6, 2.0 petrol direct injection engines with turbocharging. Installed, for example, in BMW Series 1 (F20, F21, F40), Series 2 (F22, F87, F23, F44, F45, F46, G42), Series 3 (G20, G80, G21, G81, F30, F80, F31, F34), Series 4 (G20, G80, G21, G81, G22, G82, G23, G83, G26, F32, F82, F33, F83, F36), Series 5 (G30, F90, G31, G32), Series 7 (G11, G12), X1 (F48), X2 (F39), X3 (G01, F97), X4 (G02, F98), i8 (I12), Z4 (G29), and MINI (F55, F56), Clubman (F54), Cabriolet (F57), Countryman (F60), etc. (Engine codes: B38A12A, B38A15A, B38B15A, B38K15A, B46A20A, B46A20B, B46B20B, B48B16A, B48A20A, B48A20B, B48A20E, B48A20F, B48B20A, B48B20B)

Locking the camshaft and flywheel. Pre-tensioning the timing chain tensioner. Checking the settings of the camshaft sensor wheels. Required when changing the timing chain, removing and installing the VANOS adjustment units, or repairing the engine.

EN



**Scope of supply / component overview**

Item	Part no.	Description	Qty.	Alternative tool no.
A	KL-0580-8511	Locking tool for camshaft	1	2 358 122
B	KL-0167-1413	Cheese-head screw M6 x 30	2	-
C	KL-0580-8512	Peg plate, long	2	2 358 122
D	KL-0580-8516	Crankshaft turning tool	1	11 6 480
E	KL-0580-8513	Camshaft release spanner	1	2 360 895
F	KL-4041-3460	Screwdriver bit, T60, 200mm, 1/2"	1	11 8 580
G	KL-0580-8517	Hexagon head screw M8 x 25mm	2	-
H	KL-0580-8515	Adapter for flywheel locking pin	1	2 365 488
I	KL-0580-8514	Crankshaft pin	1	2 228 380
J	KL-0580-8113 B	Pretensioning tool for timing chain	1	11 9 340
<p><b>ⓘ KL-0580-851 E in foam insert - KL-0580-8519</b></p>				
<p><b>ⓘ Storage system: Plastic case - KL-4990-9374</b></p>				

EN

**⚠ Safety instructions and regulations**

- ✔ **Before using** the special tool, read and understand **all** safety instructions and **follow** them for **safe use!**
- ✔ Use the special tools **as intended** and **always** carry out maintenance and repair work in compliance with the regulations on occupational safety and accident prevention as well as the vehicle manufacturer's instructions!
- ✔ **Before each use**, check the special tool **carefully** for damage, loose parts, or unauthorised modifications. **Never** use it if you notice any such deficiencies!
- ✔ **Always** wear your personal protective equipment (*such as safety goggles, protective gloves, safety shoes*) during work!

## GEDORE-Werkzeugfabrik GmbH & Co. KG

Remscheider Straße 149  
42899 - Remscheid  
Postfach 120361  
47873 Remscheid  
GERMANY

### Vertrieb DEUTSCHLAND

☎ +49 (0) 2191 / 596-0  
☎ +49 (0) 2191 / 596-230  
✉ info@gedore.com  
🌐 www.gedore.com

### Sales INTERNATIONAL

☎ +49 (0) 2191 / 596-910  
☎ +49 (0) 2191 / 596-911  
✉ info@gedore.com  
🌐 www.gedore.com

## GEDORE TOOLS, INC.

Only for USA, Canada & Mexico  
Sólo para EE.UU., Canadá y México  
Seulement pour les USA, le Canada et le Mexique  
7187 Bryhawke Circle, Suite 700, North Charleston, SC 29418, USA

☎ +1-843 / 225 50 15  
☎ +1-843 / 225 50 20  
✉ info@gedoretools.com  
🌐 www.gedoretools.com

Worldwide GEDORE service centers and offices are listed on the Internet at: [www.gedore.com](http://www.gedore.com)

## GEDORE Automotive GmbH

Breslauer Straße 41  
78166 - Donaueschingen  
Postfach 1329  
78154 Donaueschingen  
GERMANY

### Vertrieb DEUTSCHLAND

☎ +49 (0) 771 / 8 32 23-0  
☎ +49 (0) 771 / 8 32 23-90  
✉ info.gam@gedore.com  
🌐 gedore-automotive.com



[www.gedore-automotive.com](http://www.gedore-automotive.com)