

AT72B422 MERCEDES BENZ ENGINE TIMING TOOL SET (M651)

Introduction:

The retaining device makes it possible to position the camshaft in the installed position, and it is also for turning, installing, and removing the crankshaft pulley.

Application:

Mercedes Benz: M651 engine (07~)

Description	OEM
Camshaft Alignment Tool	651 589 014 000
Crankshaft Pulley Holding Tool	651 589 004 000



AT72B424 MERCEDES BENZ TIMING TOOL SET (M276)

Introduction:

Special design aligns the camshaft timing angle for the correct position.

Application:

Mercedes Benz: M157, M276, M278 engine

Description	OEM
Camshaft Holding Tool	27658901400



AT72B425 BMW CAMSHAFT TIMING TOOL - S54 ENGINE

Introduction:

For checking and setting the camshaft timing when installing the VANOS adjustment unit on S54 engine.

Application:

BMW: E46/M3 (S54) Cabriolet (00~06),

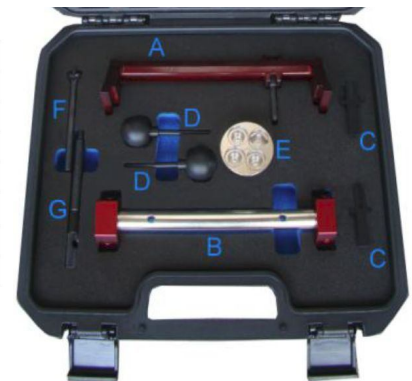
M3 (S54) Sports Coupe (99~06),

M3 CSL (S54) Sports Coupe (03~04),

E85/Z M Roadster (05-07), E86/Z M Coupe (06-07)

Item	Description	OEM
A	Valve Timing Checking Tool	11 9 140
B	Camshaft Alignment Tool	11 9 130
C	VANOS Spacers	11 9 170
D	Camshaft Alignment Pin	11 7 342
E	Crankshaft Turning Tool	11 5 100
F	VANOS Alignment Lever	11 7 160
G	Crankshaft Locking Pin	11 2 300

Model	Chassis	Engine	CC	Year (From)
M3	E46	S54 (32-6S-4)	3200	2000
Z3 (M)	E36	S54 (32-6S-4)	3200	2000
Z4 (M)	E85 / E86	S54 (32-6S-4)	3200	2006
M3 (CSL)	E46	S54 (32-6S-4)	3200	2003



AT72B426 BMW TIMING TOOL SET (N20, N26)

Introduction:

Setting and locking kit covers a wide range of BMW 2.0 liter petrol engine. Include the necessary tool for setting and locking the camshaft and the crankshaft, a tool for setting the Vanos unit, and a tool for setting the timing chain pre-tension.

Application:

BMW: 1 Series: 125i (12-14); 3 Series: 320i X-Drive (12-14),

328i (12-14), 328i X-Drive (12-14); 5 Series: 520i (11-14),

528i X-drive (11-14); X1: X-Drive 20i (11-14), S-Drive 20i (11-14),

X-Drive 28i (11-14); X3: 20i (11-14), X-Drive 20i (11-14),

Z4: S-drive 20i (11-14), S-drive 28i (11-14)

Engine Code: N20B20A, N20B20, N26B20, N20B20/UO

Item	Description	OEM
A	Camshaft Alignment Tool	83 02 212 831
B	Senor Gear Alignment	83 02 212 830
C	Crankshaft Locking Pin	2219548
D	Timing Chain Pre-tensioning Tool	11 9 340

