

Petrol Engine Twin Camshaft Setting & Locking Set



9AT1102E

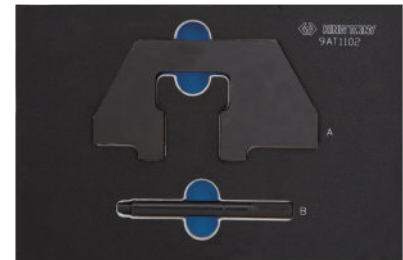
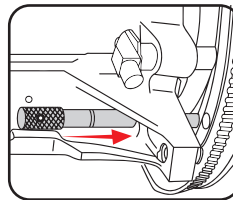
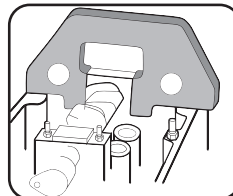
- The set includes camshaft locking plate and flywheel locking pin
- Suitable for M40 engines (also used on the M43 chain driven engine)
- Use to lock the camshaft and crankshaft TDC position to keep their timing relationship while replacing timing belt or carry out other timing belt service



1901 1 / 10

MODEL: 316i E36 / E46 (93-04)
316i Compact E36 / E46 (98-01)
318i E36 / E46 (93-01)
518i E34 (94-96)
Z3 1.8 / 1.9 E36 (96-03)

ENGINE CODE: M43
16 4E 2, 16 4E 3
18 4E 2, 19 4E 1



CONTENTS :
• A - camshaft locking plate
• B - flywheel locking pin

Petrol Engine 1.8 To 3.0 Twin Cams Setting & Locking Set



9AT1106E

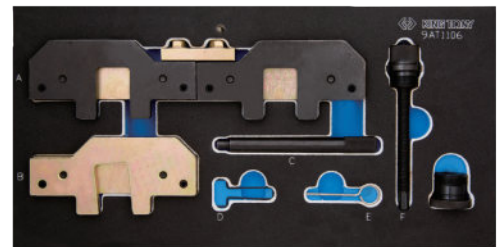
- The set includes camshaft setting plate, timing adjustment plate, pre-load tool, flywheel locking pin and tensioner pin
- Suitable for setting / locking popular BMW petrol engine
- Suggestion:
Use with 9AT1-A02 wrench while using this kit on SINGLE VANOS system (on inlet camshaft)
Use with 9AT1303 while using this set on TWIN VANOS system



3781 1 / 5

MODEL:	318is. E36 (92-99)	525i. E39 / E60 (00-05)
	318ti Compact E36 (94-01)	528i. E39 (96-00)
	320i. E36 / E46 (92-07)	530i. E39 / E60 (00-05)
	323i. E36 / E46 (95-01)	728i. E38 (94-02)
	325i. E36 / E46 (92-07)	730i. E65 (02-05)
	328i. E36 / E46 (95-01)	Z3. (E36) 1.9-3.0 (96-03)
	330i. E46 (00-07)	Z4. (E85) 2.2-3.0 (03-06)
	520i. E39 / E60 (96-05)	X3. (E83) 3.0 (03-06)
	523i. E39 (96-00)	X5. (E53) 3.0 (99-07)

ENGINE CODE: M42 / M44 / M50 / M52 no VANOS (VVT)
18 4S 1, 19 4S 1, 20 6S 2(Early), 25 6S 2(Early).
M50 / M52 Single VANOS (VVT) variants
20 6S 2(Later), 20 6S 3, 25 6S 2(Later),
25 6S 3, 28 6S 1
M52(TU) / M54 / M56 Twin VANOS (VVT) variants
20 6S 4, 22 6S 1, 25 6S 4, 25 6S 5, 28 6S 2, 30 6S 3



CONTENTS :
• A - camshaft setting plate
• B - timing adjustment plate
• C - flywheel locking pin
• D - tensioner pin (M50)
• E - tensioner pin (M52)
• F - tensioner tool

