

INA No. 400 0479 10 // (KL-0180-180 K INA)



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Tool Kit TSI 1.0 - 1.6, in a Storage Case

Applicable to VW-Audi, Seat, Škoda 1.0, 1.2 6V, 1.2 12V 3-cylinder petrol engines, as well as to 1.2 TSI / TFSI, 1.4 FSI / TSI / TFSI and 1.6 FSI 4-cylinder petrol engines;

as found in: VW Polo, Fox, Golf, Golf Plus, Touran; Audi A3; Seat Arosa, Altea, Ibiza, Leon, Cordoba and Škoda Fabia, Octavia, Roomster etc.

(Engine codes: AHT, AWY, AXU, AZQ, BAG, BBM, BKG, BLF, BLG, BLN, BLP, BMD, BME, BMY, BTS, BWK, BXV, BZG, CAVA, CAVB, CAVC, CAVD, CAVE, CAVF, CAVG, CAXA, CAXC, CBZA, CBZB, CBZC, CDGA, CEVA, CGPA, CGPB, CHFA, CHFB, CKMA)

Field of Application

For the locking of camshafts, crankshafts, timing chain tensioners, auxiliary drive belt tensioners (ribbed V-belt) and flywheel. For counter-holding the camshafts and crankshaft. For removing and installing ignition coils.












An indispensable tool set when changing a timing chain or performing an engine repair.

Scope of Delivery (Components):

Part No./Description	Qty	Image	Cross Reference OEM Tool No.
<p>INA No. 400 0469 10 // (KL-0282-35 B INA) Reaction Wrench Set (470mm long, adjustable)</p> <p>Designed to prevent timing belt sprockets on camshafts, injection pumps, etc. from rotating, for example, when loosening/tightening the central fastening bolt.</p> <p>Thanks to the different interchangeable pins and the adjustable lever allowing for variable adjustments to hole diameters and pitches, this tool is virtually universally applicable.</p>	1	<p>INA No. 400 0492 10 (KL-0282-35 INA)</p> <p>INA No. 400 0493 10 (KL-0282-3111 INA) [2 units]</p> <p>INA No. 400 0494 10 (KL-0282-3121 INA) [2 units]</p> <p>INA No. 400 0495 10 (KL-0282-3131 INA) [2 units]</p>	<p>3036 *A</p> <p>MP1-216 *A</p> <p>T10172 *A</p> <p>T10172A *A</p> <p>T10172/2 *A</p> <p>T10172/4 *A</p> <p>T20018 *A</p> <p>T20018A *A</p> <p>T20018B *A</p> <p>T20018B/1 *A</p> <p>T20018B/2 *A</p> <p>T20018B/3 *A</p> <p>T30004 *A</p>
<p>INA No. 400 0496 10 // (KL-0184-0220 INA) Counter-Holding Tool, VW</p> <p>This tool is used in conjunction with the corresponding base tool for counter-holding pulleys and timing belt sprockets when loosening/tightening the fastening screws for example.</p> <p>The locking takes place either via the pins (with Ø11.5mm) which engage the holes of the pulleys/timing belt sprockets, or by fixing the counter-holding tool to the crankshaft/timing belt sprocket by means of the M8 bolt.</p>	1	<p>To be used with base tool:</p> <p>1x - INA No. 400 0503 10 // (KL-0184-0101 INA) Extension Tube with Protective Handle</p> <p>1x - INA-Nr. 400 0505 10 // (KL-0184-0103) Folding Spring Bolt</p>	<p>3415 *A</p> <p>3415/1 *A</p> <p>3415/2 *A</p> <p>608 94 50 *A</p> <p>T30004 *A</p> <p>T30004/1 *A</p>
<p>Base Tool</p> <p>INA No. 400 0503 10 // (KL-0184-0101 INA) Extension Tube with Protective Handle</p>	1		
<p>INA-No. 400 0505 10 // (KL-0184-0103) Folding Spring Bolt</p>	1		

*A Alternative Tool *E Equivalent Tool

Scope of Delivery (Components):

Part No./Description	Qty	Image	Cross Reference OEM Tool No.
INA No. 400 0513 10 // (KL-0127-81 INA) Ignition Coil Puller This tool is used to remove and install ignition coils with final output stage on VW/Audi petrol injection engines.	1		T10094A *A
INA No. 400 0488 10 // (KL-0280-1081 B INA) Locking Pin for Camshaft For locking the camshaft.	1		T10120 *A
INA No. 400 0489 10 // (KL-0280-1082 B INA) Locking Pin for Camshaft For locking the camshafts.	2		T10123 *A
INA No. 400 0490 10 // (KL-0280-1083 A INA) Locking Pin for Crankshaft For locking the crankshaft.	1		T10121 *A
INA No. 400 0491 10 // (KL-0280-1084 B INA) Locking Pin, Ø 18mm For locking the flywheel.	1		T10043 *A
INA No. 400 0483 10 // (KL-0180-3024 INA) Retaining Pin, Ø 2.4mm For locking the timing chain tensioner.	1		T10115 *E
INA No. 400 0484 10 // (KL-1681-111 INA) Adaptor (M14x1.25) for TDC Positioning This tool is used in conjunction with a dial gauge to determine the TDC position on the engine. (e.g. KL-0128-1 Dial Gauge)	1		T10170A *A
INA No. 400 0485 10 // (KL-0280-6021 A INA) Setting Gauge for Camshaft For locking the camshafts.	1		T10171 *A T10171A *A
INA No. 400 0486 10 // (KL-0280-6022 A INA) Locking Screw for Crankshaft For locking the crankshaft.	1		T10340 *A
INA No. 400 0487 10 // (KL-0280-6023 INA) Locking Pin for Camshaft For locking the camshaft.	1		T10414 *A
INA No. 400 0511 10 // (KL-0280-221 INA) Locking Pin, Ø 4mm, angled For locking the auxiliary drive belt tensioner (ribbed V-belt).	1		T40098 *E
INA No. 400 0514 10 // (KL-0180-1890 INA) Plastic Storage Case	1	Warnings and Notes <ul style="list-style-type: none"> Do not attempt to start the engine whilst tools of the INA No. 400 0479 10 // (KL-0180-180 K INA) timing chain tool kit 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. 	