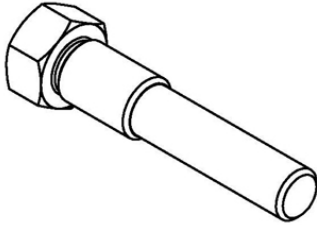
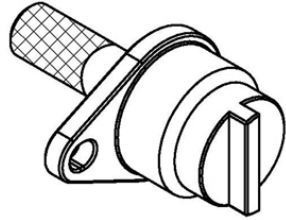


 **Beta**
1461/C17B



EN INSTRUCTIONS FOR USE

**VN100****VN101**

INSTRUCTIONS FOR USE

EN

TOOL FOR CAMSHAFT LOCKING VW 1.2 TSI

PARTS:

Beta item number	OEM item number	Description
VN100	T10340	Timing pin for driving shaft
VN101	T10414	Tool for camshaft alignment

APPLICATION

Brand	Model	Engine	Engine number
VW	Polo, Caddy, Caddy Maxi, Golf, Golf plus, Golf estate	1,2 TSI	CBZA
Audi	A1	1,2 TSI	CBZA
VW	Touran, Caddy, Caddt maxi, Golf, Golf plus, Golf estate, Jetta, Golf VI cabrio	1,2 TSI	CBZB
Audi	A3, A3 cabrio	1,2 TSI	CBZB

Engine code	OEM item number	
	T10340	T10414
CBZA	•	•
CBZB	•	•

Safety Precautions - Please read

- Disconnect the battery earth leads (check radio code is available)
- Remove spark or glow plugs to make the engine turn easier
- Do not use cleaning fluids on belts, sprockets or rollers
- Always make a note of the route of the auxiliary drive belt before removal
- Turn the engine in the normal direction (clockwise unless stated otherwise)
- Do not turn the camshaft, crankshaft or diesel injection pump once the timing chain has been removed (unless specifically stated)
- Do not use the timing chain to lock the engine when slackening or tightening crankshaft pulley bolts
- Do not turn the crankshaft or camshaft when the timing belt/chain has been removed
- Mark the direction of the chain before removing
- It is always recommended to turn the engine slowly, by hand and to re-check the camshaft and crankshaft timing positions.
- Crankshafts and Camshafts may only be turned with the chain drive mechanism fully installed.
- Do not turn crankshaft via camshaft or other gears
- Check the diesel injection pump timing after replacing the chain
- Observe all tightening torques
- Always refer to the vehicle manufacturer's service manual or a suitable proprietary instruction book
- Incorrect or out of phase engine timing can result in damage to the valves
- It is always recommended to turn the engine slowly, by hand, and to re-check the camshaft and crankshaft timing positions