

 **Beta**  
**1461/C13A**



**EN**

**INSTRUCTIONS FOR USE**

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EN

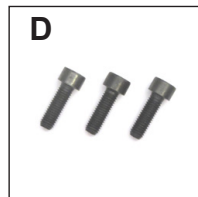
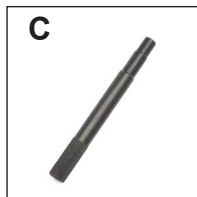
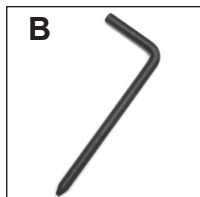
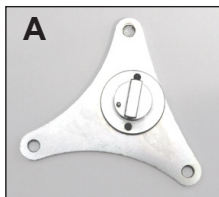
## TIMING TOOLS FOR 0.9 TWINAIR FIAT

### Application

Brand	Model	Engine	Engine code
Fiat	500, Panda, Punto (2012)	0.9 Twinair Turbo	312A2.000
Lancia	Ypsilon		

### Components

Ref.	Beta code	OEM code	Description
A	VN 006	2 000 035 100	Camshaft locking plate
B	VN 007	2 000 035 300	Flywheel locking pin
C	VN 008	2 000 035 200	Pulley locking pin
D			Screws TCCE 8x25



### 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