



ENGINE TIMING TOOL SET
FOR PORSCHE 911, CAYMAN, BOXSTER WITH MA1 ENGINE
CT6725

CONTENTS

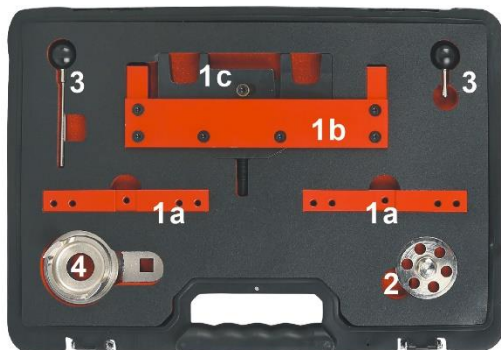
1. Camshaft Alignment Tool, OEM 9772
consisting of tool 1a-1b-1c
2. Crankshaft Pulley Turning Tool, OEM 9773
3. Crankshaft Timing Pin, OEM 9595/1
4. Crankshaft Pulley Holding Tool, OEM 9775

GENERAL

This tool set is used for rotating and aligning crankshaft and camshaft when removing or replacing the timing chain.

Applications:

- 911 Coupe / Cabrio / Targa 3.6 (997) (253 KW), engine code MA1/02
911 Coupe S / Cabrio S / Targa S 3.8 (997) (283 KW), engine code MA1/01
911 Coupe / Cabrio / Targa 3.6 (997) (254 KW), engine code MA1/02
911 Coupe S / Cabrio S / Targa S 3.8 (997) (283 / 300 KW), engine code MA1/01
911 Turbo 3.8 (997) (368 KW), engine code MA1/70
911 Turbo 3.8 (997) (368 / 390 KW), engine code MA1/70
911 S 3.8 (991) (294 KW), engine code MA1/03
911 3.4 (991) (257 KW), engine code MA1/04
911 GT3 3.8 (991) (350 KW), engine code MA1/75
911 GT3 RS 4.0 (991) (373 KW), engine code MA1/76
911 Turbo 3.8 (991) (383 KW), engine code MA1/71
911 Carrera 3.6 (997) (239 KW), engine code MA1/02
911 Carrera S 3.8 (997) (283 / 300 KW), engine code MA1/01 / MA1/01S
911 Turbo / Turbo S 3.8 (997) (368 / 390 KW), engine code MA1/70 / MA1/70S
Boxster 2.9 (987) (155 / 188 KW), engine code MA1/20
Boxster S / Spyder 3.4 (987) (228 / 235 KW), engine code MA1/21 / MA1/21C
Boxster 2.7 (981) (155 / 195 KW), engine code MA1/22
Boxster 3.4 (981) (232 KW), engine code MA1/3
Boxster 3.4 (981) (232 KW), engine code MA1/23
Cayman / S 2.9 / 3.4 (987) (155 / 195 KW), engine code MA1/20C
Cayman 2.7 (981) (155 / 202 KW), engine code MA1/22C
Cayman S 3.4 (981) (239 KW), engine code MA1/23C



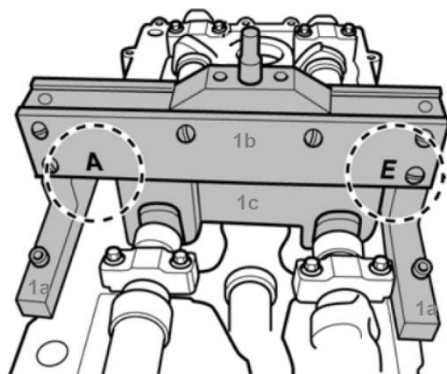
SAFETY WARNINGS

- Do not use the tool if parts are missing or damaged.
- Use the tool for the intended purpose only.
- Never place the tool on the vehicle battery. There is a risk of a short circuit.
- Be careful when working with the engine running. Loose clothing, tools and other objects can be caught by rotating parts and cause serious injury.
- Keep children and other unauthorized persons away from the work area.
- Be careful when working on hot engines because of the risk of burn injuries.
- If you remove the ignition key before repairing, you can prevent the engine from being started accidentally and resulting in engine damage.
- This manual serves as a brief guide and does not replace a workshop manual. Always refer to the vehicle-specific service literature, particularly the technical data such as torque values and instructions for disassembly/assembly, etc.
- After repair or before starting the engine, turn a minimum of 2 turns by hand and check the timing again.
- Turn the engine only in the normal direction of rotation (clockwise unless otherwise specified).

INSTRUCTIONS

Camshaft Alignment Tool (1),
consisting of tool 1a-1b-1c,
to be used as OEM 9772

Is used to lock the camshafts in timing
position.



Crankshaft Pulley Turning Tool (2),
to be used as OEM 9773

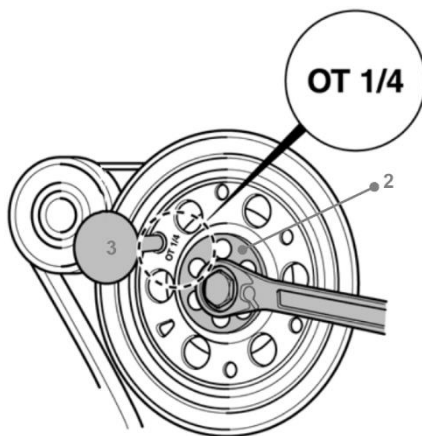
For rotating the crankshaft to timing position.

Crankshaft Timing Pin (3),
to be used as OEM 9595/1

For aligning the crankshaft in timing position.

Crankshaft Pulley Holding Tool (4),
to be used as OEM 9775,

For holding the crankshaft when loosening
or tightening the crankshaft pulley bolt.



CANNON TOOLS LTD

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