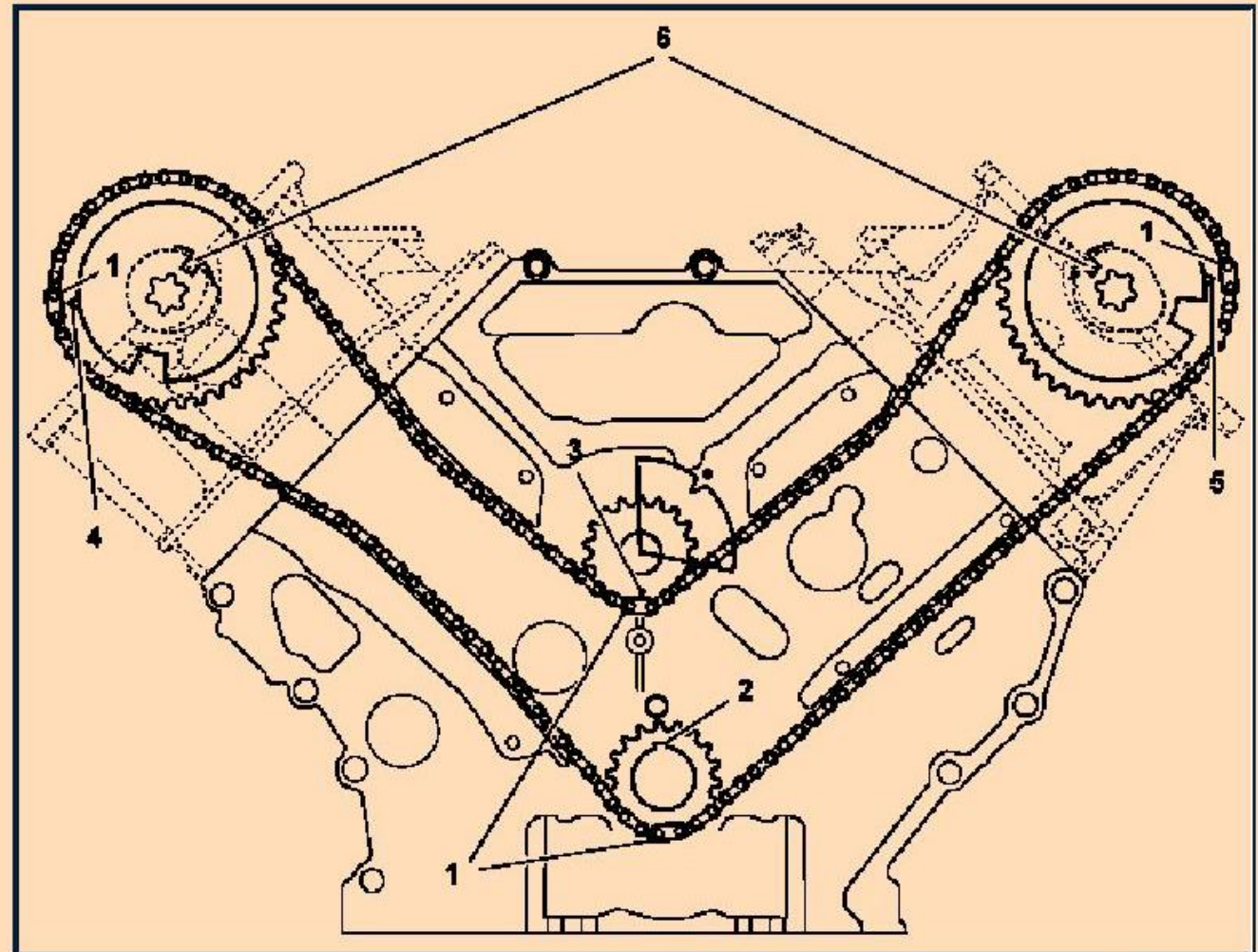


Shown on engine 112

- 1 Copper plates
- 2 Groove in the crankshaft
- 3 Marking on balance shaft sprocket engine 112
- 3 Marking on the guide wheel for engine 113
- 4 Scribe mark on right-hand camshaft sprocket
- 5 Scribe mark on left-hand camshaft sprocket
- 6 Grooves in the camshaft



P05.10-0303-06

i The four copper plates for the timing chain facilitate assembly when putting on timing chain. Every copper plate (1) must coincide with one of the markings.

i Due to unequal length of timing chain paths, the engine must be cranked up to 14 times until the copper plates are matched again with the markings.

Display Document

Sales designation:	Vehicle ident. number:	Engine number:	Unit number:	Gr.:	Entry:	Mod.Y.:	Op. no.:
CLK 500	WDB209375*	113.968					

AR05.10-P-7601-04AV

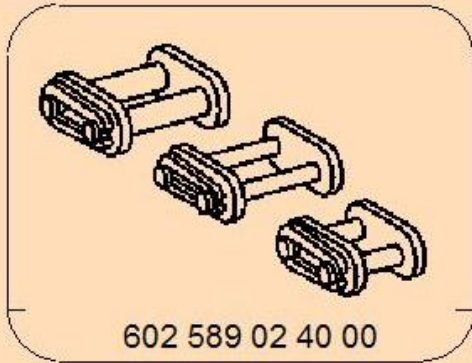
Drawing in timing chain

Full-size view

Validity OFF

Page:


2 / 3

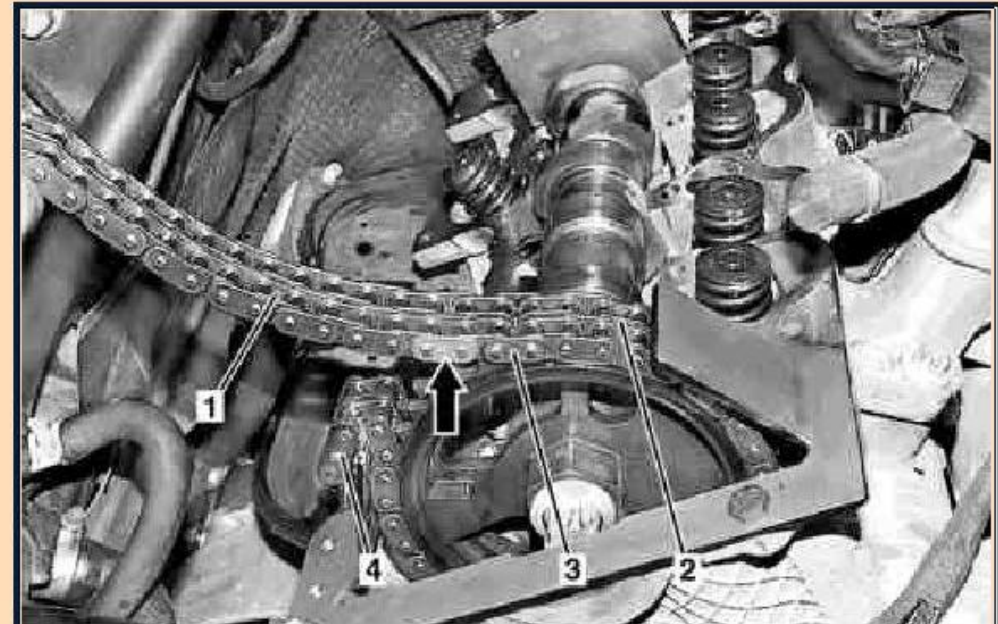


Assembly links



Case

- 1 Connect the new timing chain (1) and the old timing chain (2) with the  assembly link (3) (arrow).
i Do not use an assembly plate and an assembly retainer. While drawing in the new timing chain (1), the assembly retainer can get jammed and jump off at the slide rails.
- 2 Slowly rotate crankshaft in direction of rotation of engine until the ends of the new timing chain (1) can be connected.
i Always keep new timing chain (1) meshed with the camshaft sprocket. Pull out the free end of the timing chain (4) steadily corresponding with the drawing in of the new timing chain (1).
- 3 Remove the assembly link (3) and place the old timing chain (2) to the side.



Add.

Document

What is

Document:

Level:

Menu

Help

Previous

Screen

Display Document

Sales designation:	Vehicle ident. number:	Engine number:	Unit number:	Gr.:	Entry:	Mod.Y.:	Op. no.:
CLK 500	WDB209375*	113.968					

AR05.10-P-7601-04AV

Drawing in timing chain

Full-size view

Validity OFF

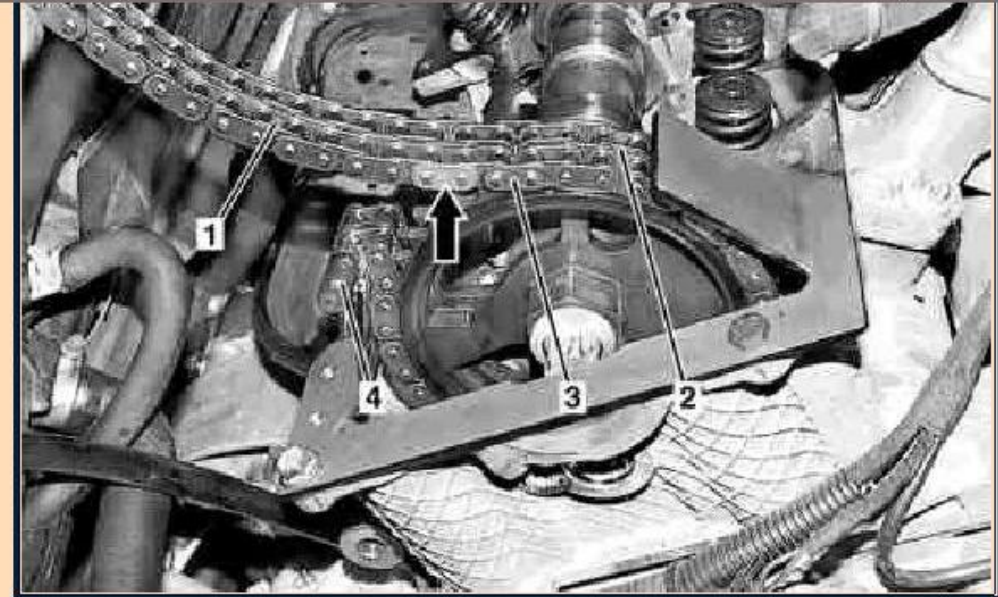
Page: 3 / 3

retainer can get jammed and jump off at the slide rails.

- 2 Slowly rotate crankshaft in direction of rotation of engine until the ends of the new timing chain (1) can be connected.

i Always keep new timing chain (1) meshed with the camshaft sprocket. Pull out the free end of the timing chain (4) steadily corresponding with the drawing in of the new timing chain (1).

- 3 Remove the assembly link (3) and place the old timing chain (2) to the side.



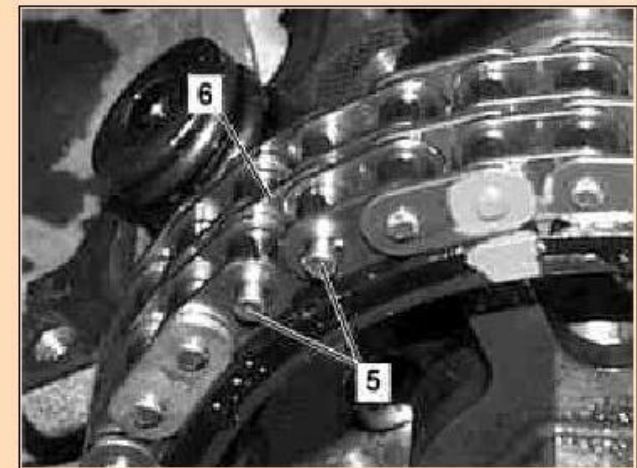
P05.10-2222-11

- 4 Cover the timing case recess with a clean cloth.

i Parts which have dropped into the timing case recess, must be removed.

- 5 Connect both ends of the new timing chain (1) with the new riveted link (5).

i While inserting the new riveted link (5) ensure that the center plate (6) is also installed.



Add.
Functions

Document
Functions

What is
new?

Document:

1

/ 1

Level:

2

Menu

Help

Previous
Screen