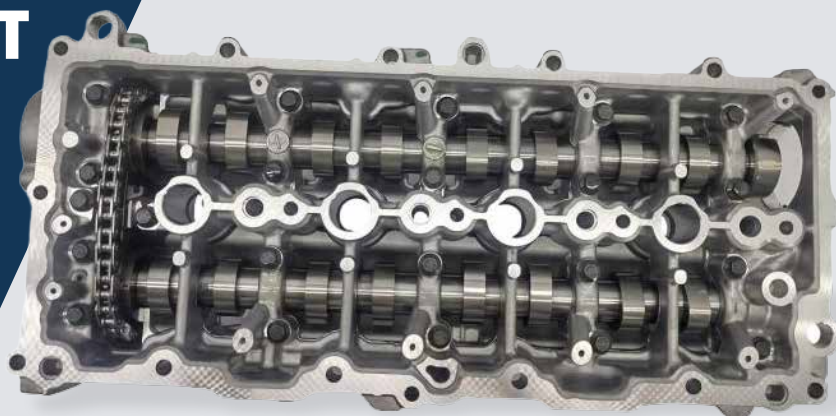


## ASSEMBLED COMPLETED CRAMSHAFT KIT

### FULL MODIFICATION

- 1697054780 - Cover
- 1638159880 - 2 camshafts
- 1638160880 - 8 mm timing chain kit



### KAJ-001AJM

- ALREADY ASSEMBLED
- INCLUDING TIMING SETTING

## MODIFICATION

### PSA ENGINES 1.5 BLUE HDI (DV5R)

FROM 2018 TO 2022

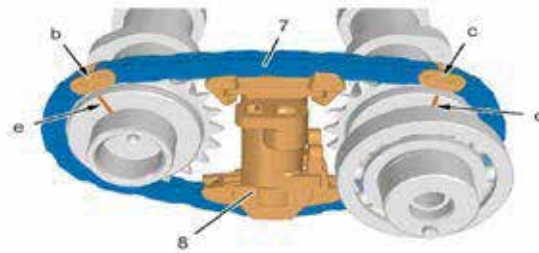
Check code **9830580480** on the timing cover housing. If present, the vehicle does not require any modification.

### SEVERAL CAR MODELS PRESENT THIS ISSUE, INCLUDING:

- CITROEN** - BERLINGO, C3 AIRCROSS II, C3 III, C4 III, C4 CACTUS, C4 SPACETOUR, C5 AIRCROSS, C-ELYSEE, JUMPY III, SPACETOURER, DS3 - DS4 - DS7
- FIAT** - DOBLO', SCUDO, ECOSPORT, FOCUS IV, KUGA III, PUMA, TRANSIT CONNECT, TRANSIT COURIER
- OPEL** - ASTRA L, COMBO, CORSA F, CROSSLAND - CROSSLAND X, GRANDLAND - GRANDLAND X, MOKKA, VIVARO C, ZAFIRA LIFE
- PEUGEOT** - 208 I - 208 II, 308 II - 308 III, 508 II, 2008 I, 3008 II, 5008 II, EXPERT, PARTNER, RIFTER, TRAVELLER
- TOYOTA** - PROACE

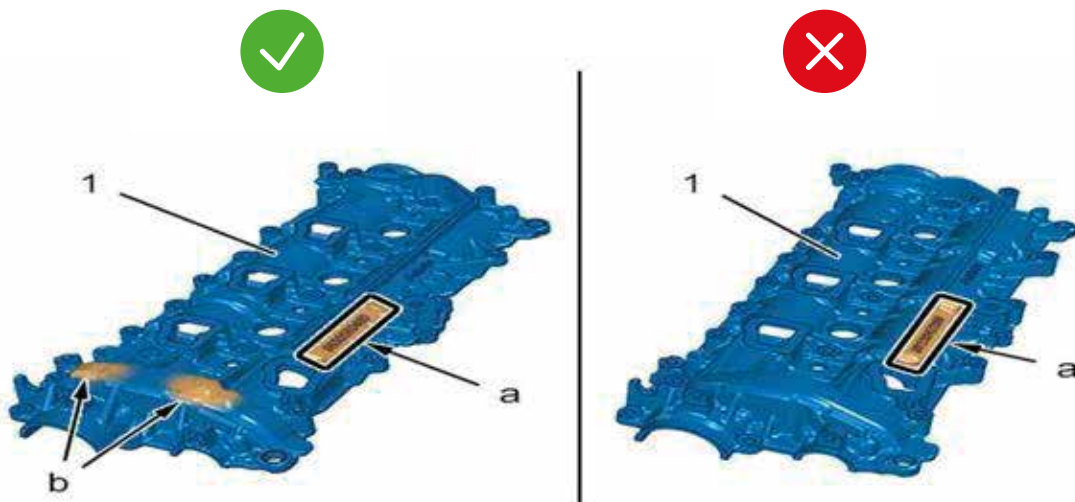
## TECHNICAL NOTE PSA ENGINES 1.5 BLUE HDI (DV5R)

The 1.5 Blue HDI engine developed by PSA in 2018 has a problem: the oil-bath timing chain connecting the camshafts may wear prematurely, becoming noisy due to elongation and exceeding tolerance, and may eventually break or prevent the engine from starting.



### How to recognize the defective engine:

Aware of the issue, PSA engineers carried out a major modification starting from January 2023 by adopting an 8 mm chain instead of 7 mm: new camshafts, a new timing chain kit, and a new cover. To distinguish the old version from the updated one, simply check the timing chain cover: the updated version has two small bumps with the new reference number: **98 305 804 80**.



Therefore, for non-modified engines, if the upgrade to the 8 mm chain version is not performed, it is recommended to use 5w30 oil instead of the originally specified 0w30, as it provides better protection for the chain gears when the engine is cold.