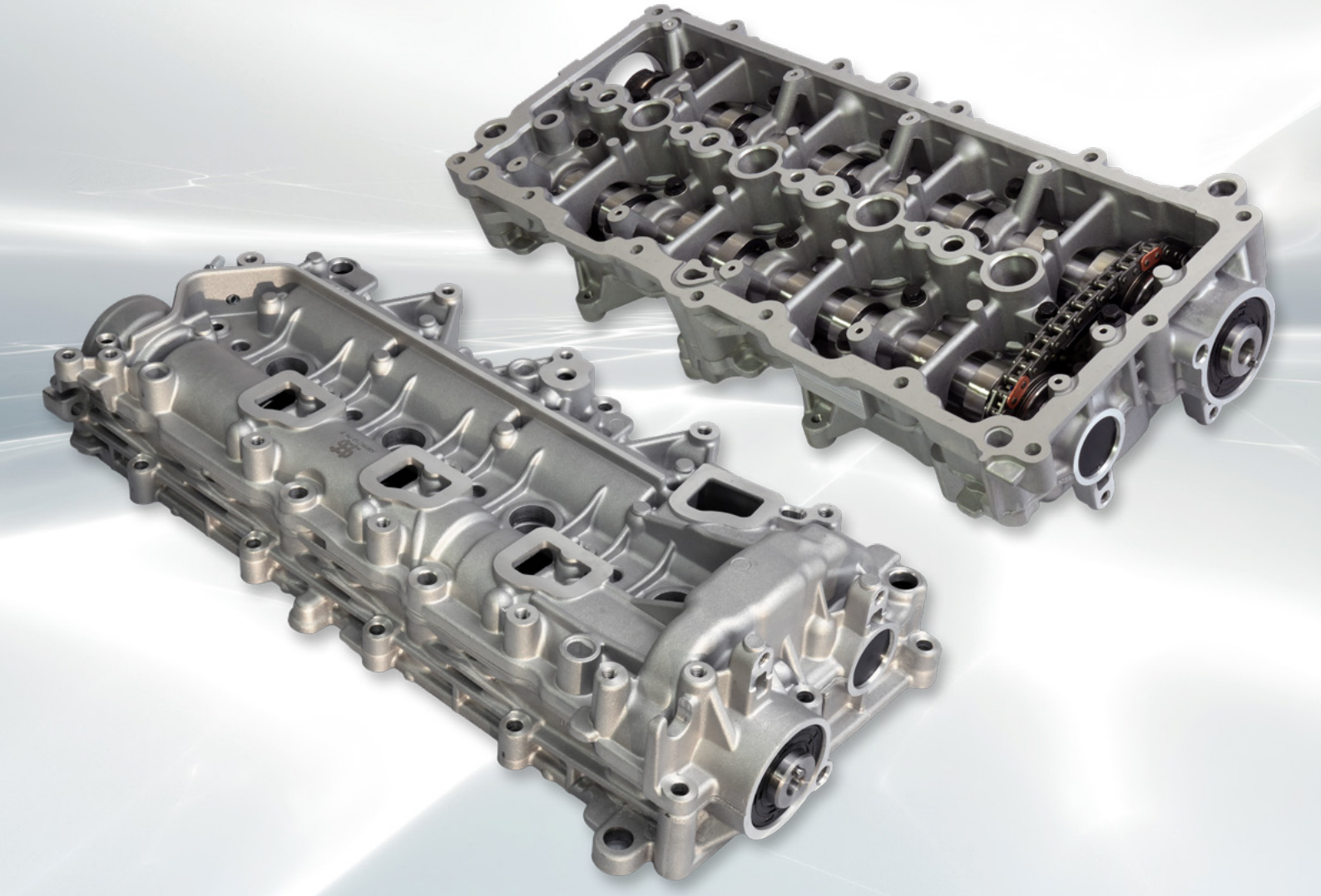
KOLBENSCHMIDT



PRODUCT **RANGE**

CAMSHAFT MODULE CONVERSION KIT
FOR STELLANTIS DV5 ENGINES

TAKING RESPONSIBILITY IN A CHANGING WORLD

RHEINMETALL

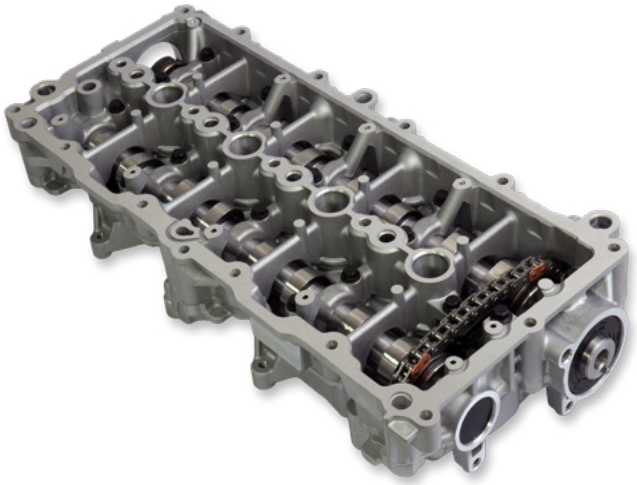
CONVERSION KIT FOR STELLANTIS DV5 ENGINES

SUSTAINABLE REPAIR OF THE CAMSHAFT DRIVE GEAR

Modern engines with DPF and EGR systems tend to accumulate soot deposits. The abrasive soot particles flow with the oil and accelerate wear to bearing positions and chains. 1.5-litre Stellantis DV5 engines manufactured between 2018 and 2023 are susceptible to elongation of the camshaft drive gear chain due to this increased wear. Elongation of the chain can cause the chain on the sprocket to skip over teeth. As a result, timing of the valve control system is no longer correct, the engine runs rough and the engine warning light comes on. In the worst-case scenario, this can lead to contact between the valves and the pistons, which can cause serious engine damage.

For this reason, the manufacturer has changed the design of the camshaft drive gear chain and gears in models manufactured after 2023. The following improvements have been made:

- Strengthened camshaft drive gear chain
- Reinforced chain tensioner
- Sprockets with improved toothing
- Larger housing design



For engines manufactured before 2023, Motorservice offers a pre-assembled camshaft module. It allows the engines to be converted to the 8-mm camshaft drive gear quickly and easily.

› 2 MILLION
vehicles affected

BRANDS
Peugeot, Ford, DS, Citroën, Toyota, Opel

PRE-ASSEMBLED
Assembly time is reduced by 1.5 hours thanks to the pre-assembled camshaft module

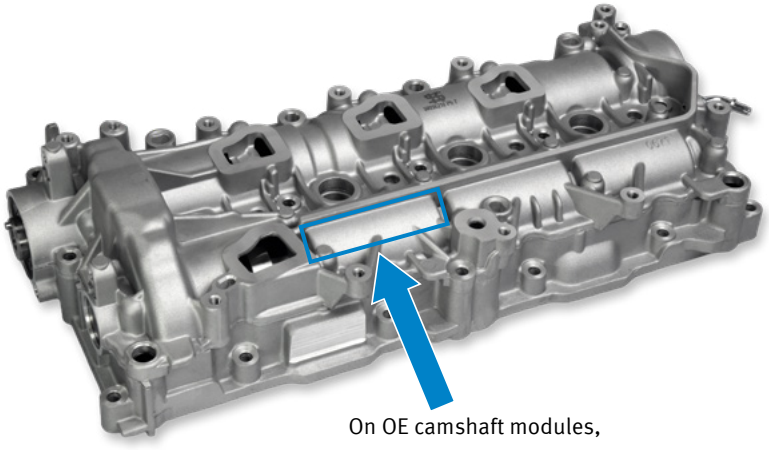
ATTENTION
When repairing these engines, it is essential to note the engine version. The two versions are **not** compatible with each other. During a conversion, the complete camshaft module including all components must be replaced.

Spare parts for Stellantis DV5 engines	7-mm version	8-mm version
camshaft intake side	50 056 000	50 056 049
camshaft outlet side	50 056 001	50 056 050
camshaft drive	401460500003	401460500002
camshaft module (pre-assembled) Consisting of: Two camshafts, camshaft drive gear chain, chain tensioner and seals	–	**50 056 210**

VISUAL INSPECTION REQUIRED

The OE number on the cover of the module must be used to identify the camshaft module installed in the vehicle.

- 7 mm – OE-No.: 9812647280
- 8 mm – OE-No.: 9830580480

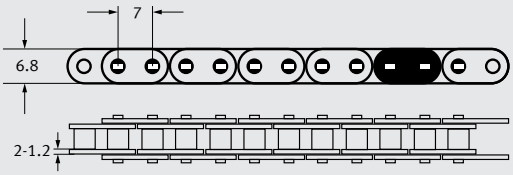


On OE camshaft modules,
the OE number is located here.

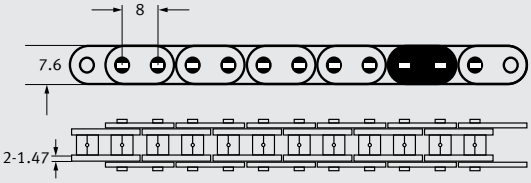
OTHER FEATURES

If the variant cannot be identified using the OE number, the following characteristics can be checked:

7-MM CHAIN



8-MM CHAIN



To prevent premature wear, the chain pitch has been increased from 7 mm to 8 mm.
Thicker plates provide a higher tensile strength. The chain length and gears have been modified.

22 LINKS = 44 PINS
21 TEETH

21 LINKS = 42 PINS
22 TEETH

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