

160

TECHNICAL REPORT

Timing kit with reference
Ajusa 77111700

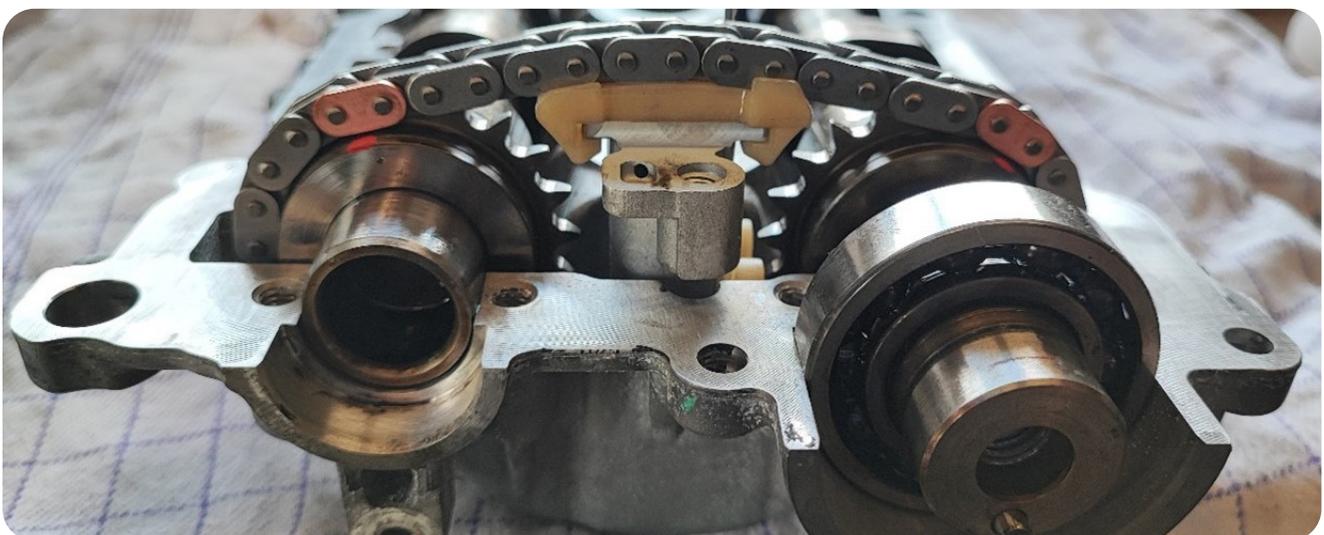
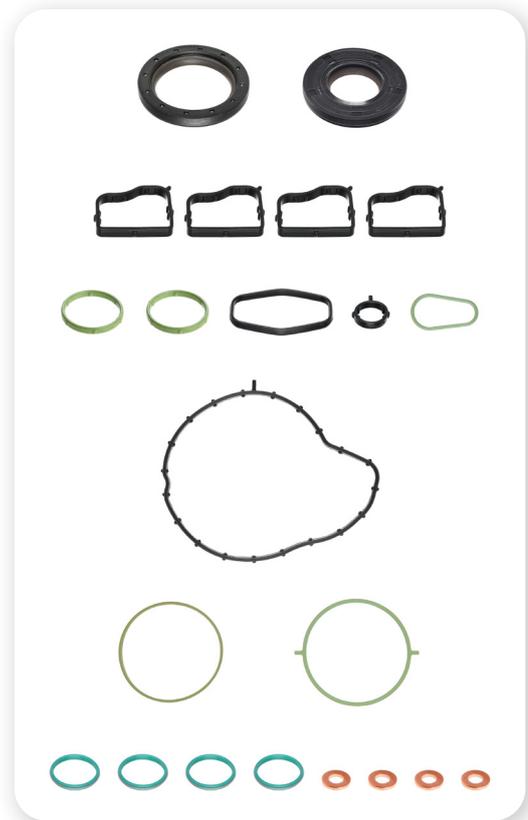


01 introduction

The purpose of this TIP is to inform customers about the new **timing kit available** in the Ajusa catalog for BlueHDi 1.5L DV5 engines used in Stellantis Group vehicles (Peugeot, Citroën, Opel, DS Automobiles, and Fiat).

The 1.5L BlueHDi (DV5) engine from the Stellantis Group has proven to be both **efficient and reliable**. However, like all modern engines, it requires rigorous and preventive maintenance to avoid serious mechanical issues over the medium and long term.

One of the critical components of this engine is the timing chain system, which, particularly in models manufactured before 2023, can **experience premature wear or chain elongation**, leading to abnormal noise, timing misalignment, and potential engine damage.



02 development

Acting in time is key, and we tell you why:

01

Chain wear can cause misalignments in the engine stall.

02

Oil leaks in areas such as the cylinder head cover, oil pump or seals are common after the first 100,000 km.

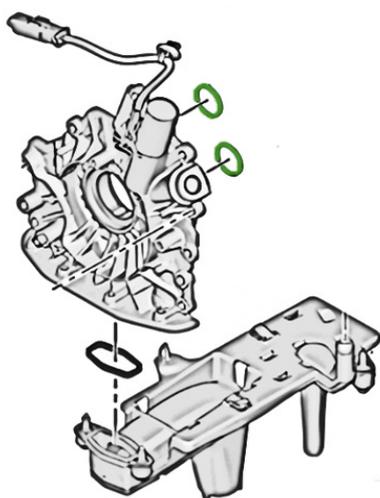
03

A **partial intervention** can be inefficient if the joints involved in the timing system are not also replaced.

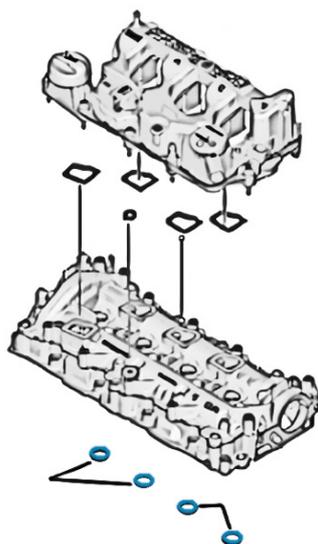
04

Contaminated oil or incorrect pressure can affect the **hydraulic chain tensioner**.

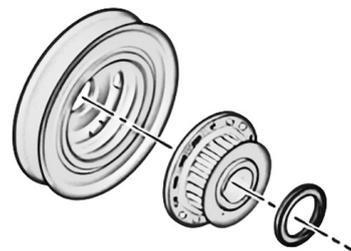
03 kit content



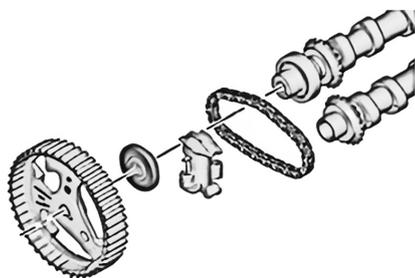
Gaskets for oil pump and water pump



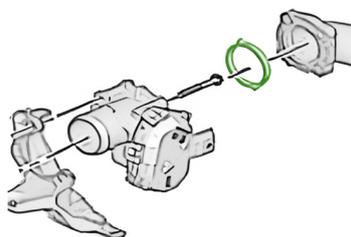
Head cover gaskets



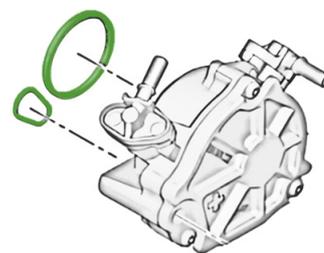
Crankshaft oil seal



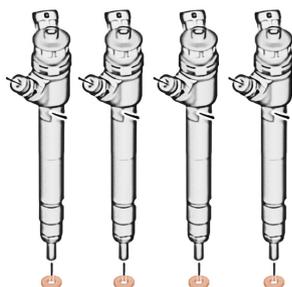
Camshaft oil seal



Gasket for butterfly valve nozzle



Vacuum pump gaskets



Gaskets for injectors

Product advantages

The Ajusa timing kit includes **original equipment (OE)** equivalent components, offering a complete and accurate solution.

It facilitates workshop work by reducing search and assembly times and includes **technical support and documentation** for a safe and efficient installation.

By scanning the QR shown below you can **access a video** where our mechanic assembles these and other gaskets on a Peugeot 1.5 Blue HDI:

