



THE SNR RANGE FOR THE 1.0L ENGINE ECOBOOST



Ford 1.0L ECOBOOST engine specifications

Replacement every 10 years or 240,000 km!

Replacing the timing system on the Ford 1.0L EcoBoost engine is a long indepth job. Around 12 hours of labour are required to complete the job due to a number of technical factors linked to the design of the engine:

Oil-bath belt:

Unlike a conventional belt systems, which are external, the EcoBoost belt is immersed in the engines oil. This means that several components have to be removed to gain access, including the sump and certain internal engine parts. The engine oil also has to be drained and the system cleaned to avoid contamination by belt residue.

Very reduced accessibility:

The 1.0L EcoBoost engine is very compact and work space is limited. Technicians often have to remove several parts from the engine compartment to reach the belt.

Meticulous replacement:

As the belt runs in oil, it is essential to clean the engine thoroughly after replacement to prevent old belt residue from circulating and clogging the oil circuit.



Engine oil recommendations

Specifications and fill volumes:

Engine oil and oil filter:

Engines SFJE, SFJF, SFJH, SFJJ, SFJK, SFJN, SFJPWSS-M2C948-B

4,60 litres

Coolant

WSS-M97B44-D

5,80 litres

What is a «belt in oil»?

The 1.0-litre EcoBoost, uses an 'in-oil' or 'wet' timing belt. This system was developed to replace the traditional metal timing chain. The wet belt is designed to resist oil and high temperatures and operates inside the engine block, where it's constantly exposed to oil. Wet belt systems are a relatively new concept, made possible by advances in belt technology.



Distribution

Distribution kit

KD452.29



KD452.38



Distribution kit with water pump

KDP452.290



Timing belt: 16 mm

KDP452.380



Timing belt: 16.8 mm

With oil pump belt

KD452.39



KDP452.390



Timing belt: 16.8 mm
Oil pump belt: 10 mm

Tool offer

CLAS
GARAGE SOLUTIONS

FORD recommends the use of specialist timing tools when replacing the timing belt kit

OM 4117

Timing 1.0 & 1.1L EcoBoost



OM 4109

1.0 & 1.1L EcoBoost torque multipliers



Accessory

Accessory kit

KA852.11

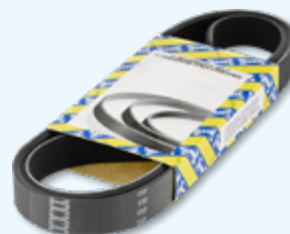


KA852.12



Accessory belt

CA6PK1270

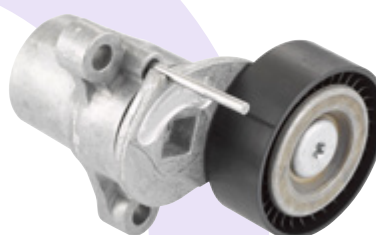


Accessory rollers

GA352.89



GA352.87



GA352.82





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