

## GENERAL SERVICE BULLETIN

### Additional information for camshaft carrier and timing chain replacement - 1.5L EcoBlue engine

**23-7029**

04 May 2023

#### Model:

2020 Puma - with 1.5L EcoBlue engine	Year: Up to 2022 Assembly Plant: Craiova
EcoSport 2012.75 (05/2012–) - with 1.5L EcoBlue engine	Year: Up to 2021 Assembly Plant: Craiova
2019 Focus - with 1.5L EcoBlue engine	Year: Up to 2023 Assembly Plant: Saarlouis
2020 Kuga - with 1.5L EcoBlue engine	Year: Up to 2023 Assembly Plant: Valencia (Spain)
Transit/Tourneo Connect 2013.75 (02/2013–) - with 1.5L EcoBlue engine	Year: Up to 2023 Assembly Plant: Valencia (Spain)

**Markets:** All European markets

#### Summary

**Please make sure that this General Service Bulletin is circulated to all Sales and Service Managers, Service Personnel and Technicians.**

This General Service Bulletin (GSB) is outlining the updated service fix for the timing chain on the **1.5L EcoBlue engine**.

The **new** camshaft carrier JX6Q-6E262-BA (Finis Code: 2 646 856) has been modified in production and is now fitted with a **8 mm** pitch timing chain instead of the previous **7 mm** design.

The old camshaft carrier is no longer available as a spare part for service at the releasing date of this General Service Bulletin.

Please be also informed that a single component repair on the old 7 mm camshaft carrier like timing chain etc. is just possible until service parts not exhausted in parts depot. **The parts catalogue on Microcat EPC will be updated accordingly.**

The table attached to this Service Information shows the old / new part numbers for the camshaft carrier. When exchanging a camshaft carrier by the new design instead of old design, also the lower injector foam needs to be replaced as well.

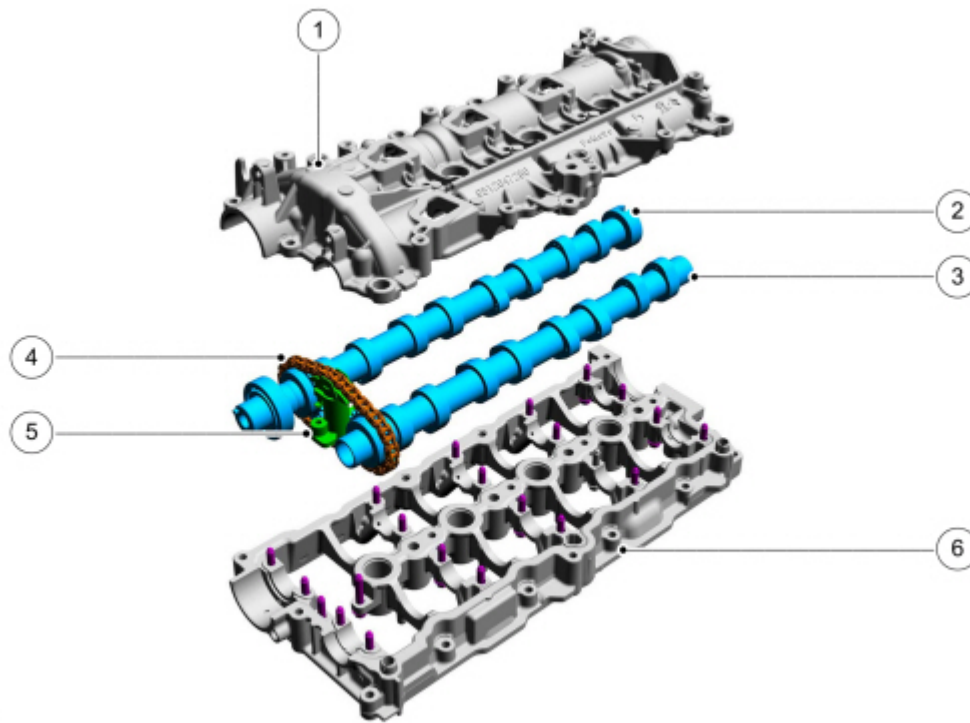
All repairs and renewed service parts (bolts, sealer etc.) have to be carried out according the actual Workshop Manual Section 303-01 on Professional Technician System website (PTS) / Microcat EPC. All new ordered service engines will also have the new camshaft carrier installed.

The corresponding Workshop Manual Sections will be updated accordingly.

The technical information, data and model information in this issue were correct at time of publication. This service information will not be updated to cover future information.

## Service Information

### 1.5L EcoBlue engine - Timing chain - Overview



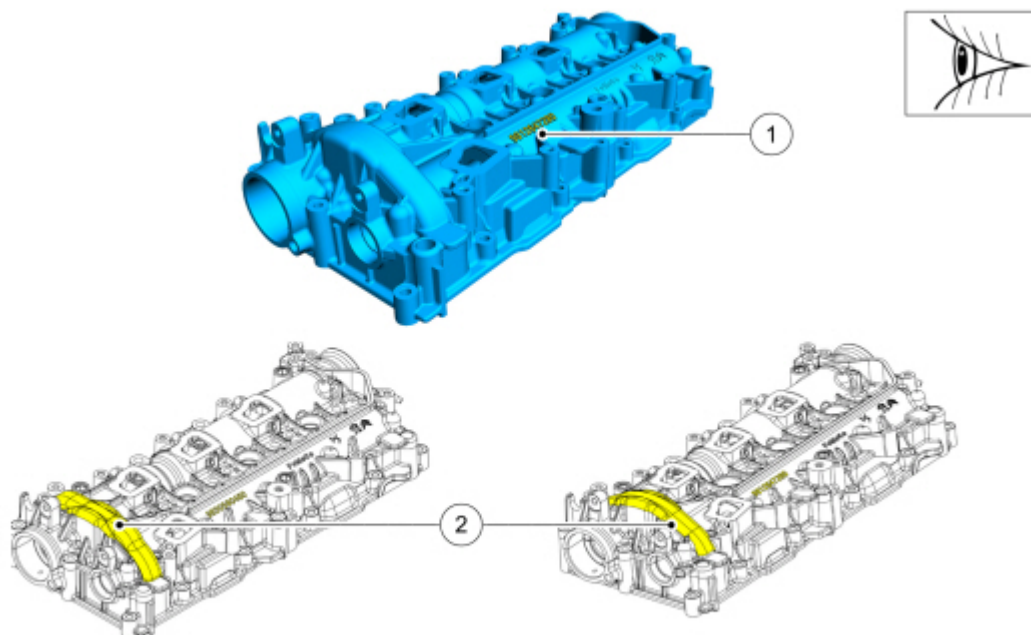
E276675

Item	Description
1	Upper camshaft carrier
2	Camshaft – intake side
3	Camshaft – exhaust side
4	Timing chain
5	Timing chain tensioner
6	Lower camshaft carrier

### Camshaft carrier and timing chain

Old and new camshaft carrier can be indentified by reading the number or the shape.

Part number marking on the upper camshaft carrier



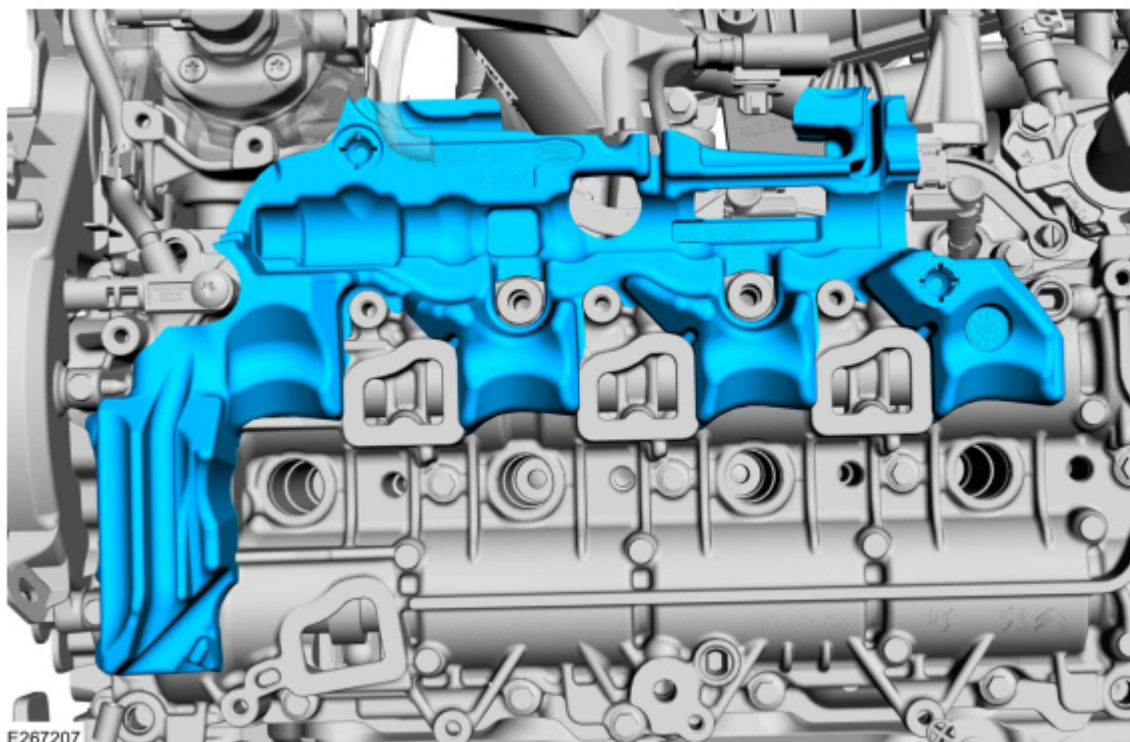
E405915

9830580480

9812647280

Item	Description
1	Location of the part number marking on the upper camshaft carrier
2	7 mm configuration : 9812647280 / 8 mm configuration : 9830580480

Lower injector foam. Part Number: L1BQ-9U550-CA; Finis Code: 2 644 856



In case of camshaft chain or tensioner failure with damage to valves and pistons, the 8 mm timing chain pitch service engine (including the 8 mm camshaft carrier assembly and the 8 mm injector noise dampening foam) must be installed.

**Service Engines - Overview**

Service Engines	7 mm Pitch Chain		8 mm Pitch Chain	
	Part Number	Finis Code	Part Number	Finis Code
Focus 2019, EcoSport 2012.75; Manual Transmission - with Small Sump	JX6Q-6006-EB	2 362 239	JX6Q-6006-JA	2 646 783
Focus 2019; Automatic Transmission - with small Sump	JX6Q-6006-FB	2 362 235	JX6Q-6006-KA	2 646 785
Transit/Tourneo Connect 2013.75; Manual Transmission	KV6Q-6006-BB	2 314 294	KV6Q-6006-DA	2 646 787
Transit/Tourneo Connect 2013.75; Automatic Transmission	KV6Q-6006-CB	2 314 198	KV6Q-6006-EA	2 646 789
Focus 2019, EcoSport 2012.75, Kuga 2020, Puma 2020; Manual Transmission - with large sump	KX6Q-6006-AA	2 429 656	KX6Q-6006-JA	2 646 848
Focus 2019, Kuga 2020; Automatic Transmission - with large sump	KX6Q-6006-BA	2 429 658	KX6Q-6006-KA	2 646 791

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