



FORD 2.0 ECOBLUE

THE DEMAND IS HERE.
ARE YOU STOCKED?

CS2323FK

KIT CONTENTS:

- ✓ Complete Cam Carrier Housing
- ✓ Inlet & Exhaust Camshafts (Pre Installed)
- ✓ Camshaft Sprockets
- ✓ Carrier Seals

TECHNICAL SPECIFICATIONS:

- ✓ OE Matched camshaft timing geometry for precise valve actuation.
- ✓ High strength aluminium casting. Precision machined bearing journals.
- ✓ Optimised oil channels for stable lubrication to cams, followers & timing components.



CS2323FK
Camshaft Kit



FC2305
Timing Cover



TB2397K
Super Kit



TB2345K
Timing Belt Kit





2.0 ECOBLUE MODELS

The 2.0 Ecoblue is one of the most widely used diesel engines in Europe, powering everything from family cars to commercial workhorses.

FORD



Ford Focus + Mondeo



Ford Galaxy + S-Max



Ford Kuga



Ford Ranger + Edge



Ford Tourneo



Ford Transit

The latest Gen VW Amarok and Transporter T7 models are powered by 2.0 Litre engines developed in partnership with Ford - sharing EcoBlue architecture.

VW



VW Amarok

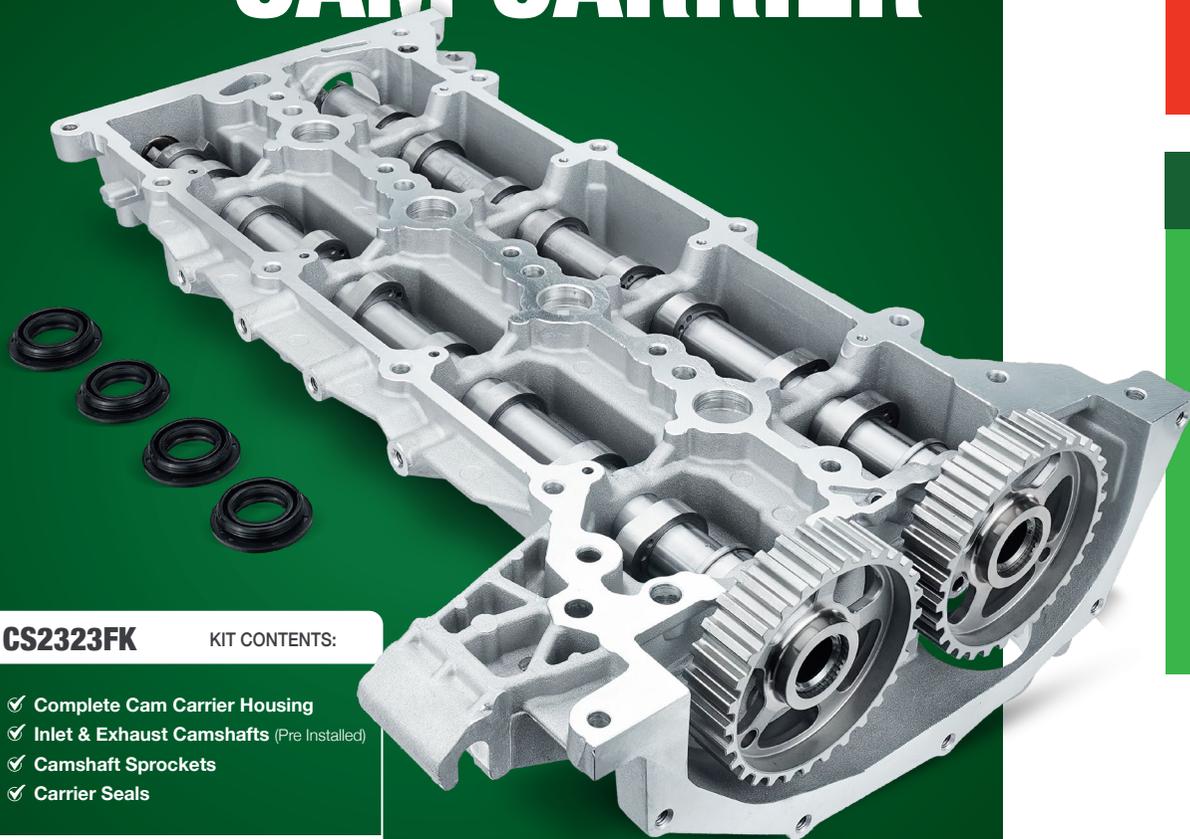


VW Transporter T7

IMAGE:	PART NUMBER:	DESCRIPTION:
	CS2323FK	Camshaft Kit
	TB2397K/TB2398K	Timing Belt Super Kit
	TB2345K	Timing Belt Kit
	FC2305 / 2307	Timing Cover
	CT2361 / CT2363	Thermostat
	DP2312 / DP2313 DP2316	Crankshaft Pulley
	BK2328	Head Bolt Set
	CP2321 / CP2323	Water Pump
	LP23000 / LP2399	Oil Pump
	CH23083	Head Gasket
	RC23002	Rocker Cover Gasket
	PSP2330 / PSP2328 PSP2366	Power Steering Pump
	CO2313	Oil Cooler



2.0 ECOBLUE CAM CARRIER



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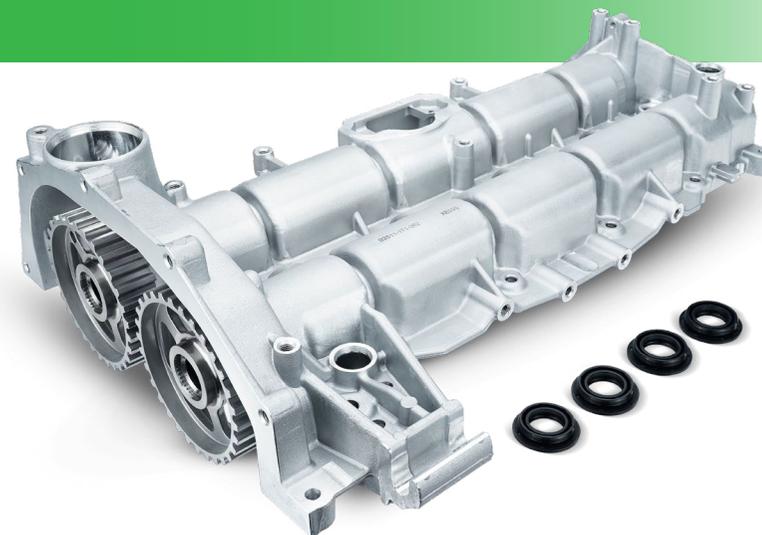


2.0 ECOBLUE CAM CARRIER FAILURES:

- ✗ Factory sealant between the cam carrier and head breaks down, causing oil leaks.
- ✗ Worn camshafts and sprockets cause timing noise and correlation faults.
- ✗ Aluminium carrier can warp under heat and load.

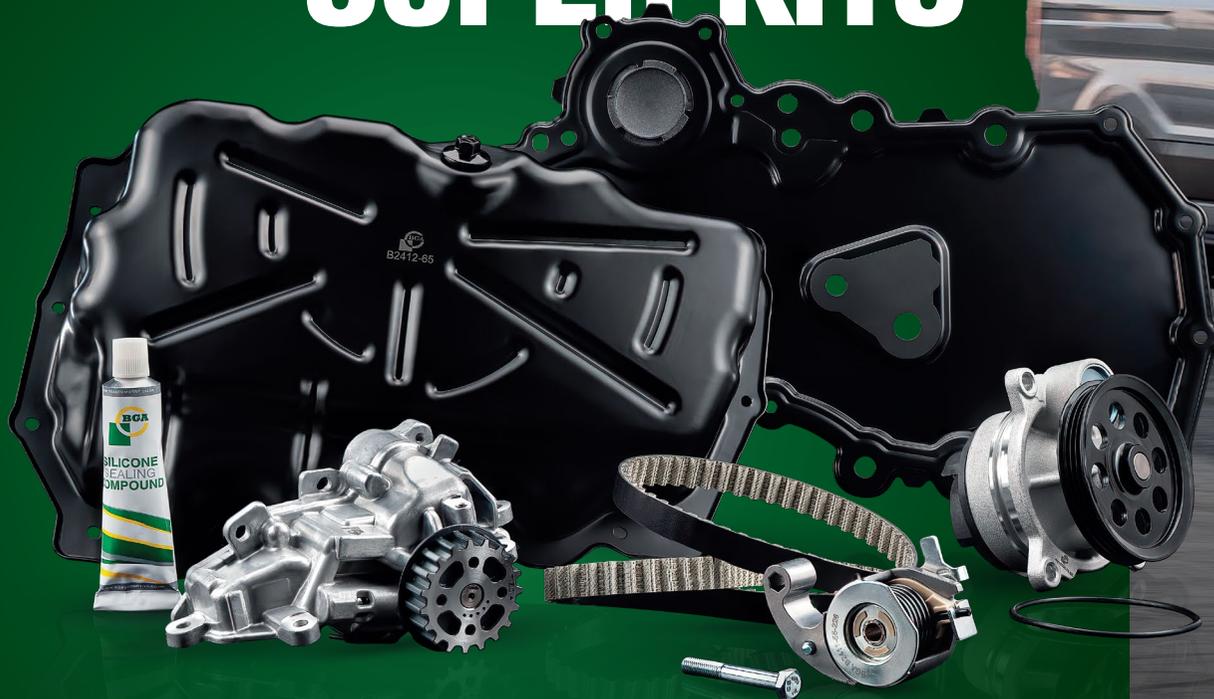
SOLUTION - BGA COMPLETE CAM CARRIER ASSEMBLY:

- ✓ Includes new camshafts, sprockets and seals for a full top end refresh.
- ✓ Precision machined carrier ensures perfect cam alignment.
- ✓ Highest standards of casting resisting heat distortion and long term stress.
- ✓ OE-level sealing surfaces eliminate repeat oil leaks.
- ✓ Restores oil pressure, timing accuracy and long term engine reliability.





ECOBLUE SUPER KITS



SPECIALLY DEVELOPED FOR THE ECOBLUE 2.0 ENGINE
 FITS ON THE POPULAR FORD TRANSIT, TOURNEO AND RANGER

WHY IT MATTERS:

The **2.0 EcoBlue** engine is smartly engineered with an **in-oil "wet belt" system** – reducing noise and shielding against external contaminants. However, skipping maintenance can lead to serious engine damage.

COMMON FAILURES:

- Timing misalignment
- Oil starvation
- Valve-to-piston contact
- Dashboard warning lights
- Total engine breakdown

WHY BGA?

- Thoroughly tested vs. the OE alternative
- Manufactured to meet or surpass OEM
- Comprehensive 3-year Warranty

THE POPULAR
FORD TRANSIT
 2.0 ECOBLUE 2015-2023 DIESEL



TWO NEW ECOBLUE UPGRADE KITS:

TB2397K

KIT 1 CONTENTS:

TB2345K	-	TIMING BELT KIT
FC2305	OE 2005433	TIMING CASE
LP23000	OE 2213638	OIL PUMP
SP2345	OE 2011593	SUMP PAN KIT
CP2321	OE 2254215	WATER PUMP

APPLICATIONS (VEHICLES UP TO 2017)

TOURNEO CUSTOM V362 Bus (F3)
 CODE: BJFA; BJFB; YLF6; YLFA; YLFB; YLFS

TRANSIT V363 Bus (FAD, FBD)
 CODE: BLFA; BLFB; YNF6; YNFA; YNFB; YNFS

TRANSIT CUSTOM V362 Van (FY, FZ)
 CODE: BLFA; BLFB; YNF6; YNFA; YNFB; YNFS

TB2398K

KIT 2 CONTENTS:

TB2345K	-	TIMING BELT KIT
FC2307	OE 2301157	TIMING CASE
LP23000	OE 2213638	OIL PUMP
SP2345	OE 2011593	SUMP PAN KIT
CP2321	OE 2254215	WATER PUMP

APPLICATIONS (VEHICLES FROM 2017 TO 2019)

TRANSIT V363 Platform/Chassis (FED, FFD)
 CODE: BLFA; BLFB; YNF6; YNFA; YNFB; YNFS

TRANSIT V363 Van (FCD, FDD)
 CODE: BKRA; YMR6; YMRA

RANGER (TKE)
 CODE: T20DD0J; YN2X





INSTALLATION ADVICE

BGA's full suite of technical bulletins and installation guidance for 2.0 EcoBlue applications, reinforcing our commitment to engineered solutions, dependable products and added value for your customer base.



▶ CS2323FK

INSTALLATIONADVICE TB-014-00019
TECHNICAL VIDEOS
www.youtube.com/bgaautomotive

VALVE TRAIN
The process of adding new components

THE REASON
The timing or position of a valve is important when the condition of an engine deteriorates. The symptoms are:

THE SOLUTION
If the engine has a valve timing issue, the following steps should be taken:

THE PROCEDURE
1. Check the engine oil level and top up if necessary.
2. Check the timing belt/chain and replace if necessary.
3. Check the valve timing and adjust if necessary.
4. Check the valve clearance and adjust if necessary.
5. Check the valve lift and adjust if necessary.
6. Check the valve lash and adjust if necessary.
7. Check the valve timing and adjust if necessary.
8. Check the valve clearance and adjust if necessary.
9. Check the valve lift and adjust if necessary.
10. Check the valve lash and adjust if necessary.

IMPORTANT
All work should be done in accordance with the manufacturer's instructions.

For more information, call +44 (0) 1783 444 777 or email technical@bgaautomotive.co.uk
www.bgaautomotive.co.uk @bgaautomotive #bgaautomotive

RELATED BULLETINS



▶ CH23083

INSTALLATIONADVICE TB-016-00013
TECHNICAL VIDEOS
www.youtube.com/bgaautomotive

GASKET INSTALLATION
General advice

THE REASON
The cylinder head and block gaskets are the main barrier between the combustion chamber and the cooling system. If the gaskets are damaged, the engine will lose oil and coolant, and the engine will overheat. The symptoms are:

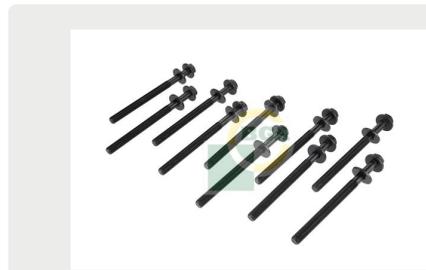
THE SOLUTION
If the engine has a gasket issue, the following steps should be taken:

THE PROCEDURE
1. Check the engine oil level and top up if necessary.
2. Check the coolant level and top up if necessary.
3. Check the gasket condition and replace if necessary.
4. Check the gasket installation and adjust if necessary.
5. Check the gasket torque and adjust if necessary.
6. Check the gasket sealant and apply if necessary.
7. Check the gasket condition and replace if necessary.
8. Check the gasket installation and adjust if necessary.
9. Check the gasket torque and adjust if necessary.
10. Check the gasket sealant and apply if necessary.

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RELATED BULLETINS



▶ BK2328

INSTALLATIONADVICE TB-010-00019
TECHNICAL VIDEOS
www.youtube.com/bgaautomotive

STRETCH BOLT REPLACEMENT
General advice

THE REASON
Stretch bolts are used to secure the cylinder head and block to the engine block. If the stretch bolts are damaged, the engine will lose oil and coolant, and the engine will overheat. The symptoms are:

THE SOLUTION
If the engine has a stretch bolt issue, the following steps should be taken:

THE PROCEDURE
1. Check the engine oil level and top up if necessary.
2. Check the coolant level and top up if necessary.
3. Check the stretch bolt condition and replace if necessary.
4. Check the stretch bolt installation and adjust if necessary.
5. Check the stretch bolt torque and adjust if necessary.
6. Check the stretch bolt sealant and apply if necessary.
7. Check the stretch bolt condition and replace if necessary.
8. Check the stretch bolt installation and adjust if necessary.
9. Check the stretch bolt torque and adjust if necessary.
10. Check the stretch bolt sealant and apply if necessary.

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RELATED BULLETINS

PROVEN LOWER WARRANTY CLAIM RATES



▶ PSP2330/PSP2328/PSP2366

INSTALLATIONADVICE TB-014-00019
TECHNICAL VIDEOS
www.youtube.com/bgaautomotive

KNOW YOUR FLUID
Power Steering Pump & Oil Change Advice

Fluid Mixing
Always use the correct fluid for your engine. The correct fluid is:

Power Steering Pump Maintenance: PS2330, PS2328, PS2366, PS2366 and PS2366

1. Check the power steering fluid level.
2. Check the power steering fluid condition.
3. Check the power steering fluid type.
4. Check the power steering fluid level and top up if necessary.
5. Check the power steering fluid condition and replace if necessary.
6. Check the power steering fluid type and replace if necessary.
7. Check the power steering fluid level and top up if necessary.
8. Check the power steering fluid condition and replace if necessary.
9. Check the power steering fluid type and replace if necessary.
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