



JTB00611NAS4

# TECHNICAL BULLETIN

26 NOV 2018

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NOTE: The information in Technical Bulletins is intended for use by trained, professional Technicians with the knowledge, tools, and equipment required to do the job properly and safely. It informs these Technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by 'do-it-yourselfers'. If you are not a Retailer, do not assume that a condition described affects your vehicle. Contact an authorized Jaguar service facility to determine whether this bulletin applies to a specific vehicle.

## INFORMATION

**This reissue replaces all previous versions. Please destroy all previous versions.**

Changes are highlighted in blue

## SECTION:

303-01

## SUBJECT/CONCERN:

Rattle From Engine Timing Chain Area

## AFFECTED VEHICLE RANGE:

MODEL:	MODEL YEAR:	VIN:	APPLICABILITY:
E-PACE (X540)	2018	Z00037-Z23566	INGENIUM I4 2.0L Petrol

MODEL:	MODEL YEAR:	VIN:	APPLICABILITY:
F-PACE (X761)	2018	249771-321847	INGENIUM I4 2.0L Petrol
F-TYPE (X152)	2018	K47339-K57513	INGENIUM I4 2.0L Petrol
XE (X760)	2018	P06869-P36255	INGENIUM I4 2.0L Petrol
XF (X260)	2018	Y46487-Y66224	INGENIUM I4 2.0L Petrol

## MARKETS:

NORTH AMERICA

## CONDITION SUMMARY:

## SITUATION:

A rattle noise may be evident from the engine compartment and/or the engine MIL (Malfunction Indicator Lamp) may be illuminated on the Instrument Cluster. Upon further investigation, Diagnostic Trouble Codes (DTC) P052A-00, P0011-71, and/or P000A-00 are found stored in the Powertrain Control Module (PCM).

## CAUSE:

This may be caused by a Variable Camshaft Timing (VCT) unit internal seal that is below specification.

## ACTION:

Should a customer express this concern, follow the Workshop Procedure below.

## PARTS:

PART NUMBER	DESCRIPTION	QUANTITY
JDE38702	Intake Camshaft VCT Unit	1
JDE38617	Gasket(s) - Timing Cover	1
T4N19140	O-ring	2
JDE38696	Timing Chain Tensioner	1
JDE38679	Bolt(s) - VCT Unit	1

PART NUMBER	DESCRIPTION	QUANTITY
JDE38603	Plug(s) - Timing Cover Blanking	1
STC50550	Sealant	1
JLM209723	Coolant	2

## TOOLS:

Refer to Workshop Manual for any required special tools.

## WARRANTY:

### NOTES:

- Repair procedures are under constant review, and therefore times are subject to change; those quoted here must be taken as guidance only. Always refer to JLR claims submission system to obtain the latest repair time.
- The JLR Claims Submission System requires the use of causal part numbers. Labor only claims must show the causal part number with a quantity of zero.

DESCRIPTION	SRO	TIME (HOURS)	CONDITION CODE	CAUSAL PART
Variable Camshaft Timing Actuator - Intake - Replace - E-PACE (X540)	12.66.22	2.1	42	JDE38702
Variable Camshaft Timing Actuator - Single - Replace - F-PACE (X761)	12.66.29	3.1	42	JDE38702
Variable Camshaft Timing Actuator - Single - Replace - F-TYPE (X152)	12.66.29	1.9	42	JDE38702
Variable Camshaft Timing Actuator - Single - Replace - XE (X760), XF (X260)	12.66.29	3.3	42	JDE38702

### NOTE:

Normal Warranty procedures apply.

**WORKSHOP PROCEDURE:****1** Replace the Variable Camshaft Timing (VCT) actuator.

- **E-PACE (X540):** see the TOPIx Workshop Manual section 303-01B: Engine - INGENIUM I4 2.0L Petrol - Removal and Installation - Variable Camshaft Timing Actuator.
- **F-PACE (X761):** see the TOPIx Workshop Manual section 303-01D: Engine - INGENIUM I4 2.0L Petrol - Removal and Installation - Variable Camshaft Timing Actuator.
- **F-TYPE (X152):** see the TOPIx Workshop Manual section 303-01C: Engine - INGENIUM I4 2.0L Petrol - Removal and Installation - Variable Camshaft Timing Actuator.
- **XE (X760):** see the TOPIx Workshop Manual section 303-01C: Engine - INGENIUM I4 2.0L Petrol - Removal and Installation - Variable Camshaft Timing Actuator.
- **XF (X260):** see the TOPIx Workshop Manual section 303-01D: Engine - INGENIUM I4 2.0L Petrol - Removal and Installation - Variable Camshaft Timing Actuator.