



JTB00649NAS1

# TECHNICAL BULLETIN

28 AUG 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

### SECTION:

303-04

### SUBJECT/CONCERN:

Rattle From Turbocharger Actuator Arm

### AFFECTED VEHICLE RANGE:

MODEL:	MODEL YEAR:	VIN:	APPLICABILITY:
F-PACE (X761)	2018 Onwards	243940 Onwards	INGENIUM I4 2.0L Petrol
F-TYPE (X152)	2018 Onwards	K48252 Onwards	INGENIUM I4 2.0L Petrol
XE (X760)	2018 Onwards	P07334 Onwards	INGENIUM I4 2.0L Petrol
XF (X260)	2018 Onwards	Y46632 Onwards	INGENIUM I4 2.0L Petrol

**MARKETS:**

NORTH AMERICA

**CONDITION SUMMARY:****SITUATION:**

A rattle noise may be evident from the engine compartment and may appear louder while the engine is under load or on overrun. The noise may also appear louder when starting the engine from a cold engine.

**CAUSE:**

This may be caused by excessive movement within the turbocharger wastegate actuator arm linkage.

**ACTION:**

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

**PARTS:**

PART NUMBER	DESCRIPTION	QUANTITY
JDE40303	Turbocharger	1
JDE38786	Turbocharger oil feed pipe - With banjo bolt(s) and washers	1
JDE39699	Turbocharger engine coolant return hose - With O-ring seal	1
JDE38646	Turbocharger engine coolant inlet hose - With O-ring seal	1
T2H33504	Turbocharger to exhaust - Gasket	1
T2H33505	Turbocharger to exhaust - Clamp	1
JDE36824	Turbocharger oil return pipe - Upper O-ring seal	1
JDE36825	Turbocharger oil return pipe - Lower O-ring seal	1
T2H36179	Turbocharger to charge air cooler - Air duct - All vehicles except F-TYPE (X152)	1
JDE38598	Turbocharger to exhaust manifold - Gasket	1

**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
Turbocharger - Renew - F-PACE (X761)	18.50.32	1.5	33	JDE38612
Turbocharger - Renew - F-TYPE (X152)	18.50.32	1.4	33	JDE38612
Turbocharger - Renew - XE (X760)	18.50.32	1.8	33	JDE38612
Turbocharger - Renew - XF (X260)	18.50.32	1.8	33	JDE38612

**NOTE:**

Normal Warranty procedures apply.

**WORKSHOP PROCEDURE:**

1 Renew the turbocharger: (see TOPIx workshop manual section 303-04: Removal and Installation - Turbocharger).

- **F-PACE (X152):** see TOPIx Workshop Manual section 303-04G: Fuel Charging and Controls - Turbocharger - Removal and Installation - Turbocharger

- **F-TYPE (X761):** see TOPlx Workshop Manual section 303-04G: Fuel Charging and Controls - Turbocharger - Removal and Installation - Turbocharger
- **XE (X760):** see TOPlx Workshop Manual section 303-04E: Fuel Charging and Controls - Turbocharger - Removal and Installation - Turbocharger
- **XF (X260):** see TOPlx Workshop Manual section 303-04G: Fuel Charging and Controls - Turbocharger - Removal and Installation - Turbocharger