

TECHNICAL BULLETIN
K225NAS1
02 SEP 2014



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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.

SECTION: 303-12F

Service Action: Charge Air Cooler Duct Bolt Torque Relaxation

AFFECTED VEHICLE RANGE:

XF (X250)			
Model Year:	2013	Engine:	GTDi 2.0L Petrol
VIN:	S51675-U00808		

MARKETS:

NAS

CONDITION SUMMARY:

Situation: An issue has been identified on a limited number of 2013 model year Jaguar XF (X250) vehicles, fitted with the 2.0L GTDi engine only, where a 'Restricted Performance' message and a Malfunction Indicator Lamp (MIL) are displayed in the Instrument Cluster.

Action: Retailers are required to **HOLD** all affected vehicles that are within your control and refrain from releasing the vehicles for new or used vehicle sale pending completion of the rework action detailed in this Technical Bulletin. Unsold vehicles should have this performed as part of the Pre-Delivery Inspection (PDI) process but **must** have it completed prior to vehicle handover to the customer. Affected vehicles already in the hands of customers should be updated at the next available opportunity.

PARTS:



NOTE: * when ordering parts, order only the expected percentage demand of parts identified

DESCRIPTION	PART No. / SUNDRY CODE	QTY. / VALUE	EXPECTED % of VEHICLES REQUIRING PARTS*
Bolt/Washer	C2D4727	2	100
Bolt	C2D2734	2	100
Nut	C2P2765	4	100

SPECIAL TOOLS:

Refer to Workshop Manual / Service Instruction for any required tools

WARRANTY:



NOTE: Check DDW to ensure that a vehicle is affected by this program prior to undertaking any rework action. Repair procedures are under constant review, and therefore times / prices are subject to change; those quoted here must be taken as guidance only. Refer to TOPIx to obtain the latest repair time. At the time of confirming a booking for vehicle repair, ensure that all outstanding Service Actions are identified to ensure the correct parts are available and adequate workshop time is allocated for repairs to be completed at one visit.

Warranty claims must be submitted quoting Program Code '**K225**' together with the relevant Option Code from the table. The SRO and part information listed have been included for information only. The Option Code(s) that allows for the drive in / drive out allowance may only be claimed if the vehicle is brought into the workshop for this action alone to be undertaken.

This program is valid for a limited time only. Warranty claims with a repair date prior to the **31 July 2016** closure date must be submitted for payment within 30 calendar days of completion of the repair.

PROGRAM CODE	OPTION CODE	DESCRIPTION	SRO	TIME (HOURS)	PARTS / SUNDRY CODE	QTY. / VALUE
K225	D	Charge air cooler end tank -	18.91.52	2.80	C2D4727	2
		Rework	86.99.78	0.20	C2D2734	2
		Read and clear DTCs			C2P2765	4
K225	E	Charge air cooler end tank -	18.91.52	2.80	C2D4727	2
		Rework	86.99.78	0.20	C2D2734	2
		Read and clear DTCs	10.10.10	0.10	C2P2765	4
		Drive in/drive out			-	-

Normal Warranty policies and procedures apply

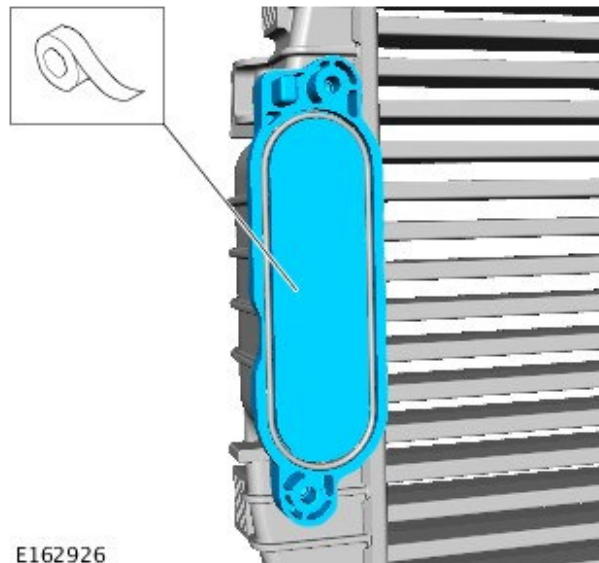
SERVICE INSTRUCTION:

1. Remove the charge air cooler (see TOPIX Workshop Manual, section 303-12E).

2.  **NOTE: Charge air cooler end tank outlet shown; inlet similar.**

Tape over the charge air cooler end tank outlet opening to prevent any swarf/ dirt from entering the charge air cooler.

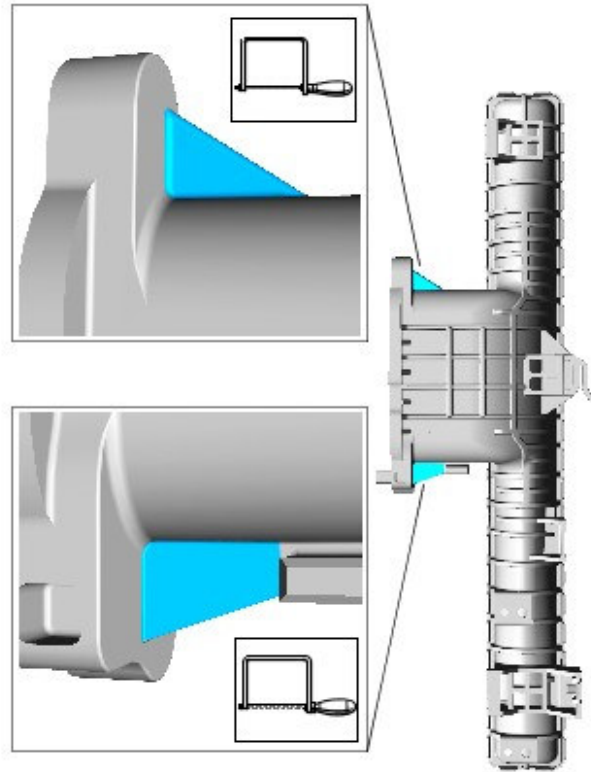
- Repeat to the charge air cooler end tank inlet.



3.  **NOTE: Charge air cooler end tank inlet shown; outlet similar.**

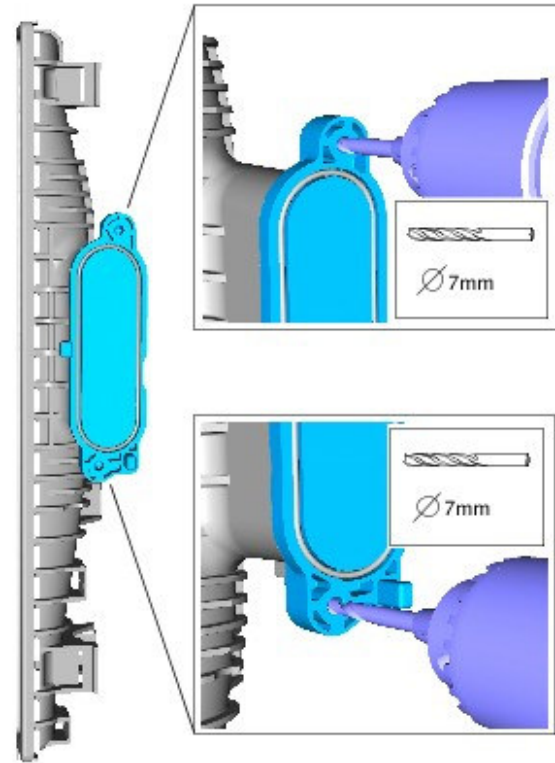
Cut out the highlighted sections of the charge air cooler end tank inlet as shown.

- Repeat to the charge air cooler end tank outlet.



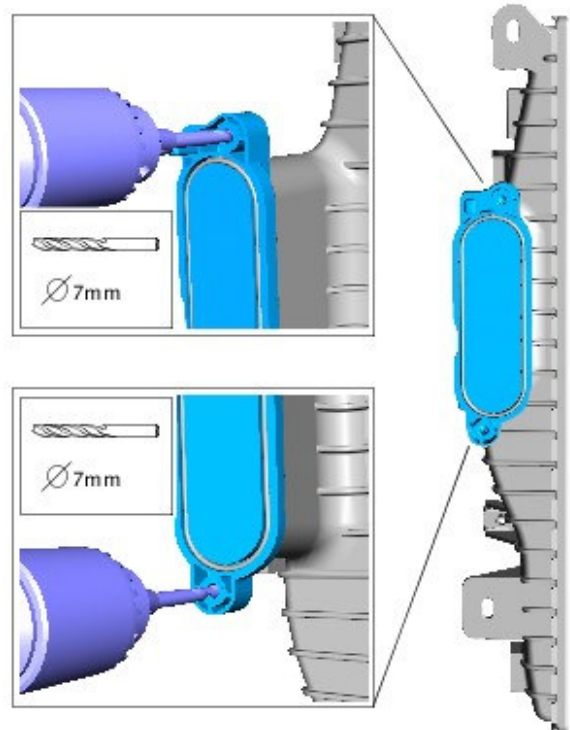
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4. Using a 7mm drill bit, drill to a maximum depth of 15mm which will go all the way through the charge air cooler end tank inlet's brass inserts and plastic moulding.



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5. Using a 7mm drill bit, drill to a maximum depth of 15mm which will go all the way through the charge air cooler end tank outlet's brass inserts and plastic moulding.

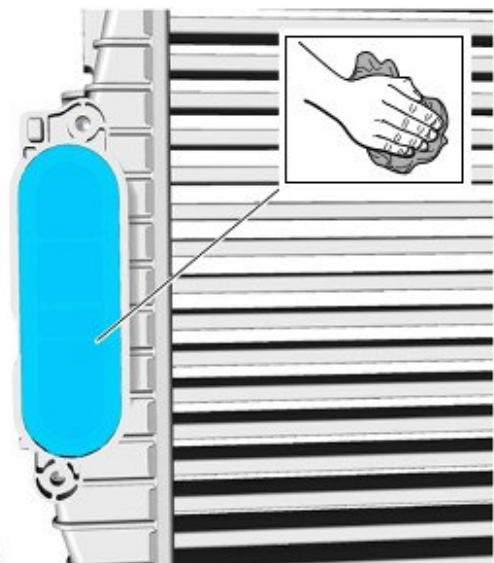


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6.  **NOTE: Charge air cooler end tank outlet shown; inlet similar.**

Clean away all debris before removing the protective tape from the charge air cooler end tank outlet.

- Repeat to the charge air cooler end tank inlet.



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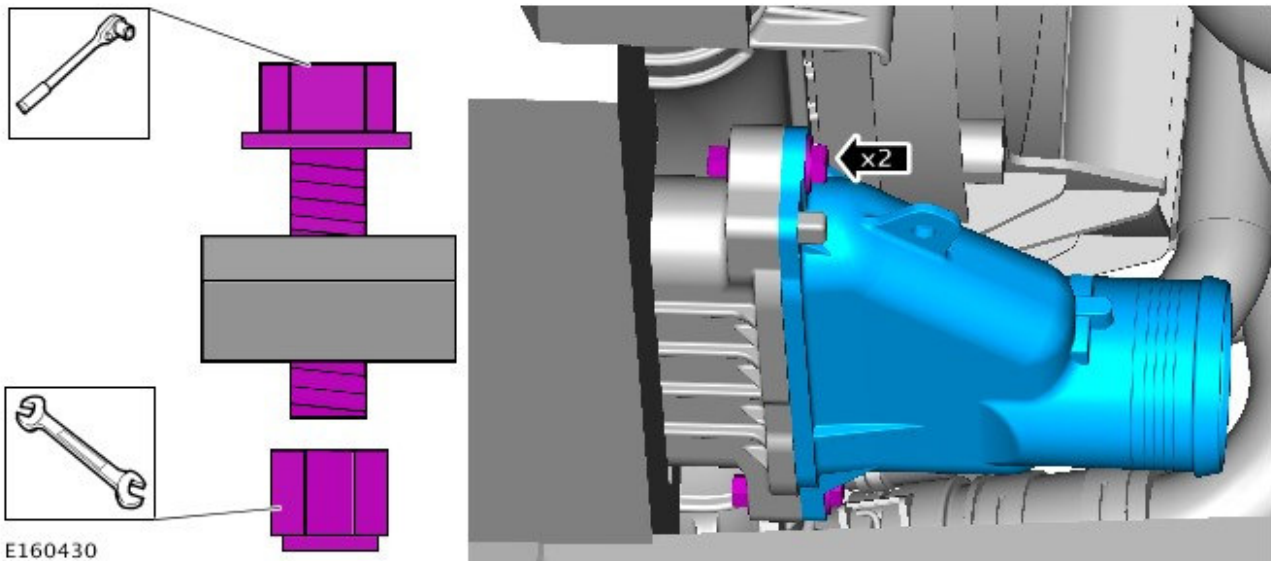
7.  **NOTE: Make sure the rubber sealing gasket between the duct and the charge air cooler is correctly**

positioned.

 **NOTE: Make sure the washer is next to the bolt head, to prevent any damage to the plastic charge air cooler end tank during the tightening process.**

Using the bolt/washers and locknuts, install the charge air cooler end tank outlet duct to the charge air cooler end tank outlet.

- Tighten to 7Nm.



8. Using the bolt/washers and locknuts, install the charge air cooler end tank inlet duct to the charge air cooler end tank inlet.

- Tighten to 7Nm.

9. Install the charge air cooler (see Workshop Manual, section 303-12F).

10. Use Jaguar Land Rover-approved diagnostic equipment and read and clear all Diagnostic Trouble Codes (DTC).