

TECHNICAL BULLETIN
J036NAS1
13 JUN 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: 206-00

Safety Recall: Rear Brake Pipe Wear

AFFECTED VEHICLE RANGE:

XF (X250)
Model Year: 2013-2014
VIN: S65176-U29377

MARKETS:

NAS

CONDITION SUMMARY:

Situation: A concern has been identified with a small number of 2013-2014 model year Jaguar XF (XFR-S only) vehicles. During accelerated durability testing of the Jaguar Sportbrake XFR-S model, routine inspection of the vehicle identified that the rear right-hand brake pipe displayed evidence of a dynamic foul condition with the rear brake pipe contacting a redundant bracket on the rear subframe. This foul condition caused a flat to wear on the brake pipe. Engineering assessment of this condition concluded that if the brake pipe remained in this position the brake pipe would wear through and cause sudden loss of brake fluid. A vehicle exhibiting sudden loss of brake fluid will illuminate a red 'BRAKE' (USA) or a red 'exclamation' (!) mark in a circle (Canada) telltale warning in the Instrument Cluster while displaying the words 'low brake fluid', instructing the driver to seek qualified assistance. Loss of fluid will also result in failure of one of the diagonal braking circuits, and while braking capability will be retained by the other diagonal braking circuit, pedal feel and travel will be adversely affected and stopping distances will increase. Loss of one braking circuit could compromise vehicle stability and significantly increase the risk of an accident.

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**
Brake pipe kit (left and right pipes)	C2Z10063	1	10
Brake fluid	C2D34402	2	10

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 'J036' 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.

Warranty claims 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*
J036	B	Modify brackets	05.10.40	0.4	-	-
J036	C	Modify brackets Drive in/drive out	05.10.40 10.10.10	0.4 0.1	-	-
J036	D	Modify brackets Renew left and right brake pipes	05.10.40 70.20.16	0.4 3.5	C2Z10063 C2D34402	1 2
J036	E	Modify brackets Renew left and right brake pipes Drive in/drive out	05.10.40 70.20.15 10.10.10	0.4 3.5 0.1	C2Z10063 C2D34402	1 2

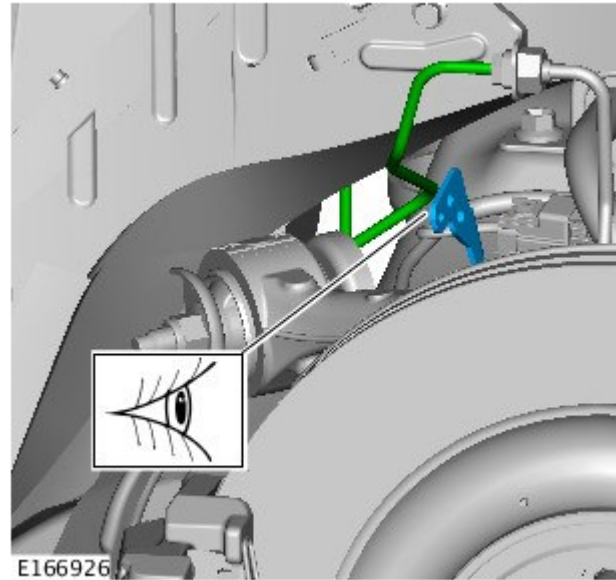
Normal Warranty policies and procedures apply

SERVICE INSTRUCTION:



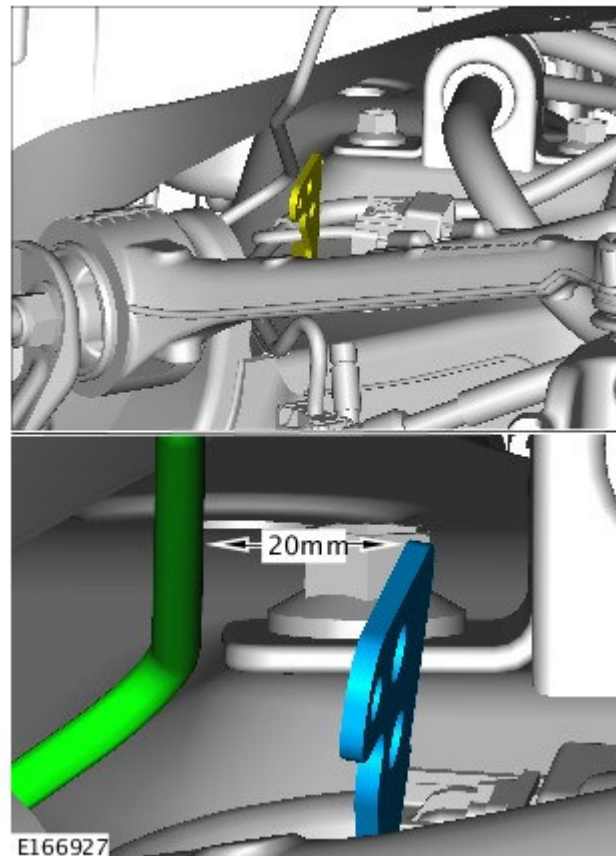
NOTE: Illustrations may show parts removed for clarity.

1. Remove the rear wheels and tires (see TOPIx Workshop Manual, section: 204-04).
2. Check to see if there is any damage to the brake pipe, in the area where it can come into contact with the redundant bracket.



3. Check to see if there is a 20mm gap between the redundant bracket and the brake pipe.

- If required, use a suitable tool to reposition the redundant bracket on the rear subframe so there is a 20mm gap between the bracket and the brake pipe.




4.  **NOTE: If there is any damage to the left-hand or right-hand brake pipe, both brake pipes must be replaced.**

Carry out steps 2-3 to the opposite side.

- If there is **no** damage to both brake pipes, install the rear wheels and tires (see TOPIx Workshop Manual, section: 204-04) and release the vehicle.
- If there is **any** damage to the left-hand or right-hand brake pipe, continue to the next step.

5. Remove the fuel tank (see TOPIx Workshop Manual, section: 310-01).

Steps 6-9: Replace rear left-hand brake pipe

 **WARNING: EYE CONTACT: Brake fluid contains polyglycol ethers and polyglycols. Avoid contact with the eyes. Wash hands thoroughly after handling. If brake fluid comes into contact with the eyes, flush the eyes with plenty of cold running water for 15 minutes. Seek medical attention for any persistent eye irritation or abnormality.**

 **WARNING: SWALLOWED: Brake fluid contains polyglycol ethers and polyglycols. If swallowed, drink plenty of water. Seek immediate medical attention.**

 **WARNING: INHALED: Dust from friction materials can be harmful if inhaled.**

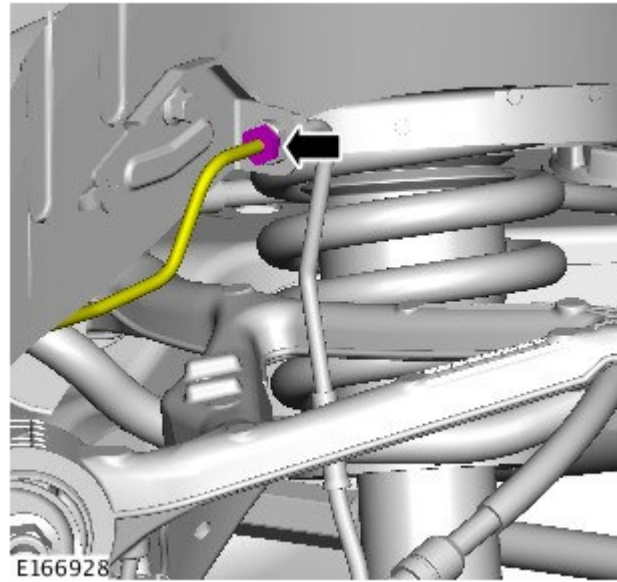
 **WARNING: Only use new specified brake fluid from airtight containers.**

 **CAUTION: If brake fluid is spilled on the paintwork, the affected area must be immediately washed down with cold water.**

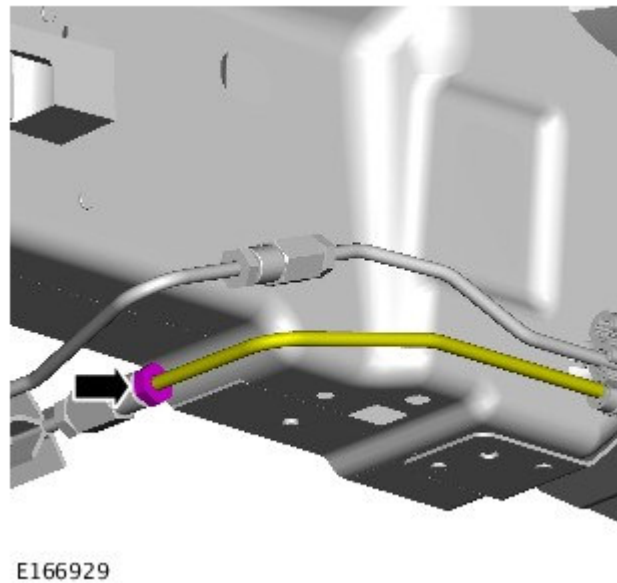
 **CAUTION: Make sure that all openings are sealed. Use new blanking caps.**

 **NOTE: Make sure a suitable container is positioned below the brake pipe(s), to catch any escaping brake fluid.**

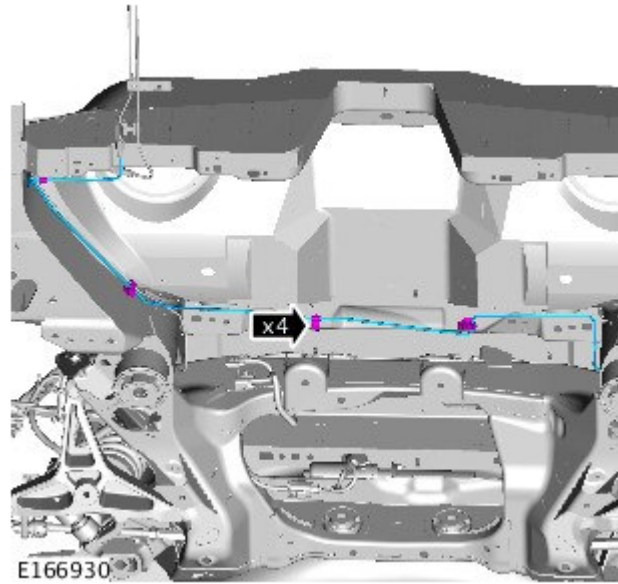
6. Disconnect the brake pipe.



7. Disconnect the brake pipe.



8. Release the brackets and remove and discard the brake pipe.

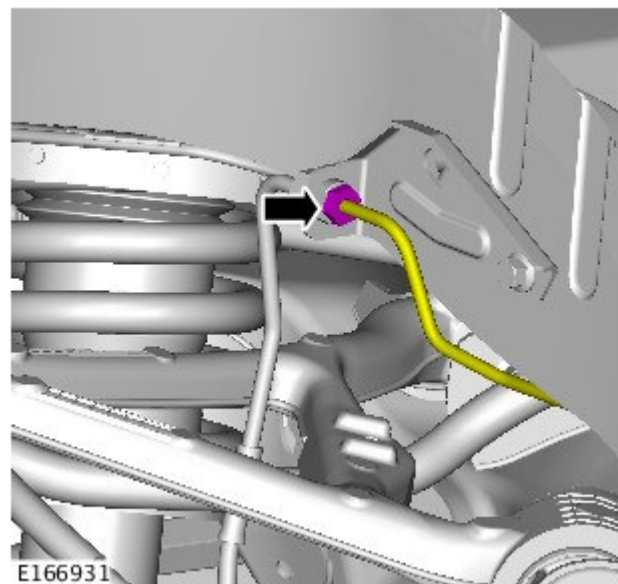


9. Install the new brake pipe:

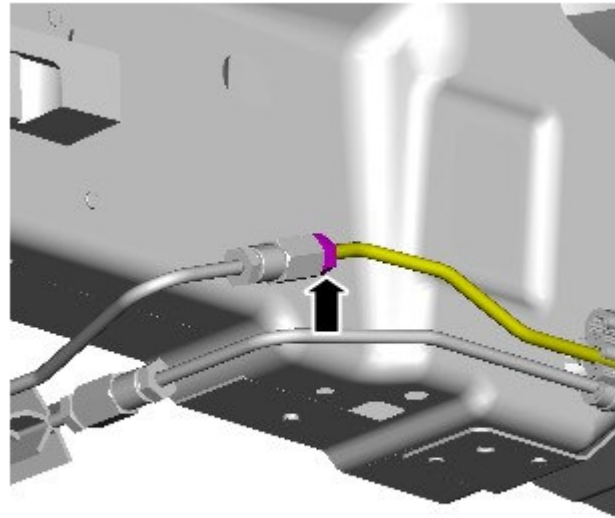
- Reverse steps 6-8 to install the new brake pipe.

Steps 10-13: Replace rear right-hand brake pipe

10. Disconnect the brake pipe.

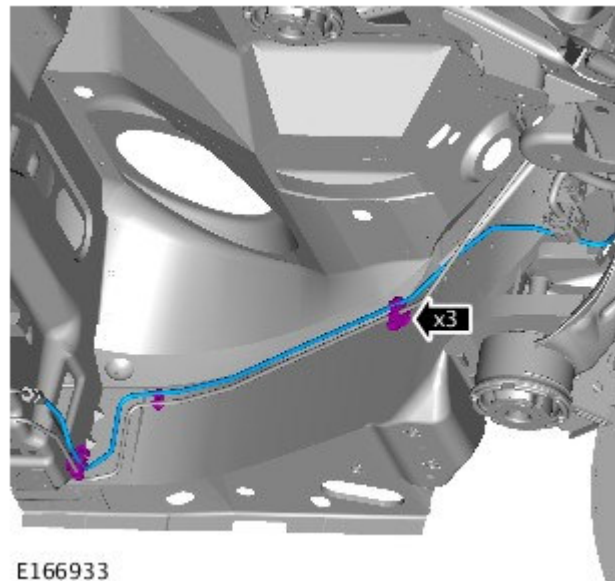


11. Disconnect the brake pipe.



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- 12.** Release the brackets and remove and discard the brake pipe.



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- 13.** Install the new brake pipe:

- Reverse steps 10-12 to install the new brake pipe.

- 14.** Install the fuel tank (see TOPIx Workshop Manual, section: 310-01).

- 15.** Bleed the brake hydraulic system (see TOPIx Workshop Manual, section: 206-00).

16. Install the rear wheels and tires (see TOPIx Workshop Manual, section: 204-04).