TECHNICAL BULLETIN
J048NAS1
21 NOV 2014

SECTION: 206-06

Safety Recall: Brake Pipe Torque Integrity

AFFECTED VEHICLE RANGE:

XJ Range (X351)
Model Year: 2014-2015
VIN: V67632-V76050

MARKETS:

NAS

CONDITION SUMMARY:

Situation: A concern has been identified on a limited number of 2014-2015 model year XJ (X351) vehicles where certain underbody brake pipe unions may not be to the correct torque specification.
Low torque at the underbody brake pipe unions can lead to a loss of mechanical integrity of the braking system. This can result in extended brake pedal travel combined with reduced braking performance in the corresponding brake circuit. The Instrument Cluster may display the warning message 'Fluid Level Low', along with the brake warning indicator being illuminated. In the event of both braking circuits losing integrity at the same time, complete loss of service brakes will occur, potentially causing a vehicle crash.
It is also possible that sufficient loss of brake fluid will deplete the brake pressure in the system such that the brake pressure switch, required as part of the vehicle start authorization process, may not be activated, so preventing initial vehicle start-up.

Action: Retailers are required to **HOLD** only 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:

No parts required

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 **'J048'** 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
J048	B	Inspect the brake pipe unions for signs of moisture or leakage - no further action required	70.91.56	0.40	-	-
J048	C	Inspect the brake pipe unions for signs of moisture or leakage - no further action required Drive in/drive out	70.91.56 10.10.10	0.40 0.10	- -	- -
J048	D	Inspect the brake pipe unions for signs of moisture or leakage and torque	70.91.57	0.40	-	-
J048	E	Inspect the brake pipe unions for signs of moisture or leakage and torque Drive in/drive out	70.91.57 10.10.10	0.40 0.10	- -	- -

NOTE: In the event a vehicle has experienced a significant loss of brake fluid and requires any underfloor repairs for paint or body sealant or the replacement of a significant volume of brake fluid, submit a separate Warranty claim with full details.

Normal Warranty policies and procedures apply

SERVICE INSTRUCTION:

1. Remove the air deflector (see TOPIx Workshop Manual, section 501-02).

2. **NOTE: Right-hand drive shown; left-hand drive similar.**

Remove the two fixings and lower the underfloor panel to access the underbody brake pipe unions.
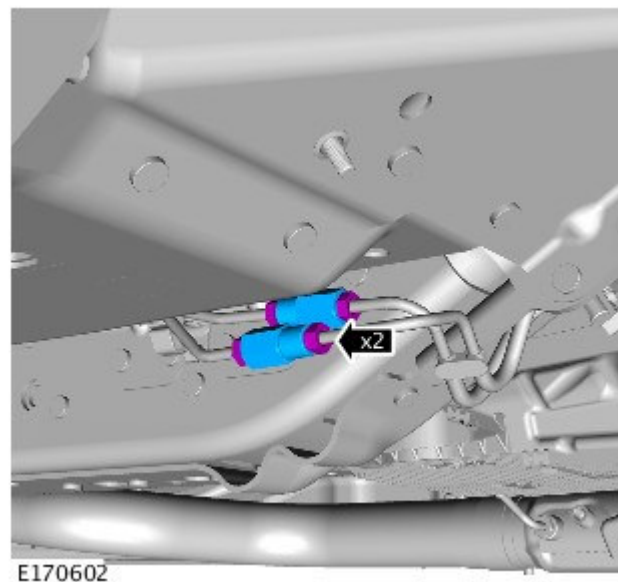
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3. ⚠️**WARNING: Use suitable protective eye wear during inspection.**

⚠️**CAUTION: Brake fluid will damage paint finished surfaces. If spilled, immediately remove the fluid and clean the area with water.**

△**NOTE: Right-hand drive shown; left-hand drive similar.**

Inspect the brake pipe unions for signs of moisture or brake fluid leakage.

- If there are no signs of moisture / brake fluid leakage, reverse steps 1-2. No further action required.
- If there are signs of moisture / brake fluid leakage, continue to the next step.

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4. ⚠ **NOTE: Clean any moisture / brake fluid leakage from the brake pipe unions.**

   Check the tightness of the brake pipe unions.

   - Torque: 17.5Nm.

5. Inspect brake fluid reservoir level.

   - Add brake fluid as necessary (see TOPIx Workshop Manual, section 206-00).

6. Reverse steps 1-2.