

## TECHNICAL BULLETIN

UPS7412-3bNAS2

31-MAY-13



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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.

CHANGES ARE HIGHLIGHTED IN GRAY

**SECTION: 205-03****Update Prior to Sale: Front Differential Oil Leak****AFFECTED VEHICLE RANGE:****XF (X250) All-Wheel Drive only****VIN: S60082-S73683 (specific VINs only)****Model Year: 2013****XJ (X351) All-Wheel Drive only****VIN: V37755-V46185 (specific VINs only)****Model Year: 2013****CONDITION SUMMARY:**

**Situation:** A potential concern has been identified on XF and XJ All-Wheel Drive vehicles where an oil leak may be evident from the interface between the front differential case and the engine oil pan.

**Action:** Retailers are required to before sale **HOLD** all affected vehicles in the above VIN range that are in their control and refrain from releasing the vehicles for new or used vehicle sale pending completion of the rework action / inspection detailed in this Technical Bulletin. Unsold vehicles should have this performed as part of the Pre-Delivery Inspection (PDI) process. Affected vehicles already in the hands of customers should be updated at the next available opportunity.

**PARTS:**

PART No.	DESCRIPTION	QTY.	EXPECTED % OF VEHICLES REQUIRING PART*
C2C40373	Front sub-frame bolts front - XJ	2	7
C2D19734	Front differential - XF/XJ	1	7
C2D1981	Track rod end to vertical link nut - XF/XJ	2	7
C2D23748	Halfshaft circlip - XF/XJ	2	7
C2D2476	Vertical link nut - XF/XJ	2	7
C2D3653	Differential oil - XF/XJ	1	7
C2P12731	Hub nut - XF/XJ	2	7
C2P7447	Front sub-frame bolts rear - XF/XJ	2	7
C2Z15150	Front driveshaft bolts - XF/XJ	12	7
XR856936	Front sub-frame bolts front - XF	2	7

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

**TOOLS:**

Refer to Workshop Manual / Repair Procedure for any required special tools

**WARRANTY:**

**NOTE: Always check DDW to verify that the vehicle is affected by this program prior to undertaking any repairs. Repair procedures are under constant review, and therefore times are subject to change; those quoted here must be taken as guidance only. Refer to Repair Times Searcher (RTS) on TOPIx to obtain the latest repair time.**

Warranty claims must be submitted quoting Program Code 'K166' 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 can only be claimed if the vehicle is brought back into the workshop for this action alone to be undertaken.

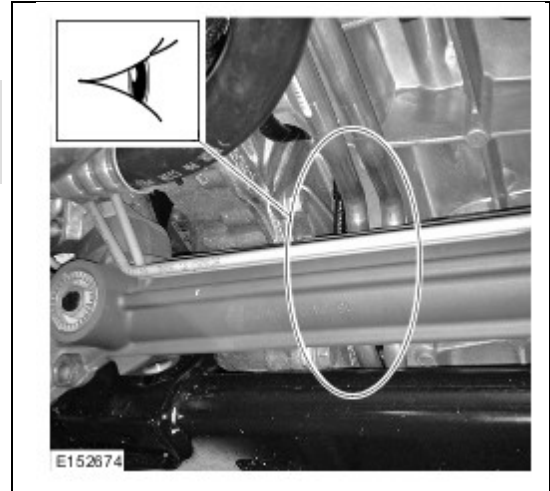
This program is valid for a limited time only. Warranty claims with a repair date prior to the **24 October 2013** closure date must be submitted for payment within 30 calendar days of completion of the repair.

PROGRAM CODE	OPTION CODE	DESCRIPTION	SRO	TIME (HOURS)	PART No.	QTY. / VALUE
K166	A	Inspect for front differential oil leak – XF	05.10.40	0.40	-	-
K166	K	Inspect for front differential oil leak - XF	05.10.40	0.40	-	-
		Drive in / drive out	10.10.10	0.10	-	-
K166	B	Inspect for front differential oil leak - XJ	05.10.50	0.50	-	-
K166	C	Inspect for front differential oil leak - XJ	05.10.50	0.50	-	-
		Drive in / drive out	10.10.10	0.10	-	-
K166	D	Front final drive unit – Renew - XF	54.25.02	5.80	XR856936 C2D19734 C2D1981 C2D23748 C2D2476 C2D3653 C2P12731 C2P7447 C2Z15150	2 1 2 2 2 1 2 2 12
		Four wheel geometry and alignment - Check and adjust - XF	57.65.11	0.90	-	-
K166	E	Front Final Drive Unit – Renew - XF	54.25.02	5.80	XR856936 C2D19734 C2D1981 C2D23748 C2D2476 C2D3653 C2P12731 C2P7447 C2Z15150	2 1 2 2 2 1 2 2 12
		Four wheel geometry and alignment - Check and adjust - XF	57.65.11	0.90	-	-
		Drive in / drive out	10.10.10	0.10	-	-
K166	G	Front final drive unit – Renew - XJ	54.25.02	4.20	C2C40373 C2D19734 C2D1981 C2D23748 C2D2476 C2D3653 C2P12731 C2P7447 C2Z15150	2 1 2 2 2 1 2 2 12
		Four wheel geometry and alignment - Check and adjust - XJ	57.65.11	0.80	-	-
K166	H	Front final drive unit – Renew - XJ	54.25.02	4.20	C2C40373 C2D19734 C2D1981 C2D23748 C2D2476 C2D3653 C2P12731 C2P7447 C2Z15150	2 1 2 2 2 1 2 2 12
		Four wheel geometry and alignment - Check and adjust - XJ	57.65.11	0.80	-	-
		Drive in / drive out	10.10.10	0.10	-	-

*Normal Warranty policies and procedures apply*

## **REPAIR PROCEDURE**

1. Start the engine and allow to idle for 10 minutes.
2.  **NOTE: Must be carried out to make sure front differential oil is forced toward the engine oil pan.**  
Drive the vehicle in a counter-clockwise direction for 30 seconds at speeds below 5mph.
3. Remove the air deflector (refer to Workshop Manual section 501-02).
4. Inspect the joint between the front differential case and the engine oil pan.
  - If no signs of leakage are evident, continue to step 5; the vehicle may be released for onward distribution / sale.
  - If any signs of leakage are evident, continue to step 6.



5. Install the air deflector (refer to Workshop Manual section 501-02).
6. Replace the front differential case (refer to TOPIx Workshop Manual section 205-03).

## UPS7412 AFFECTED VIN LIST

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### CANADA

RETAILER CODE / NAME	VIN
4202 Jaguar Vancouver	V44620
4202 Jaguar Vancouver	V44710
4497 Jaguar Richmond	V42261
4501 Jaguar Victoria	V44613
4501 Jaguar Victoria	V44641
4506 Jaguar Edmonton	V44629
4506 Jaguar Edmonton	V44671
4508 Jaguar Kelowna	V44633
4508 Jaguar Kelowna	V44635

### USA

RETAILER CODE / NAME	VIN
1049 Jaguar Jacksonville	V44034
5381 Jaguar Albany	V43955
5387 Jaguar Orlando	V44085
5390 Jaguar Austin	V43959
5398 Jaguar Greensboro	V44090
5446 Jaguar Winston Salem	V44129
5498 Jaguar Woburn	V44125
5498 Jaguar Woburn	V44177
5614 Hampton Jaguar	V44015
5670 White Plains Jaguar	V44217
5672 Autobahn Motorcars	V44078
5675 Jaguar Cleveland	V44065
5713 Jaguar of the Gulf Coast	V44040