



MODEL  
XKR

DATE  
02 May 2007

NUMBER  
J003

**SERVICE**

**TECHNICAL BULLETIN**

**RECALL BULLETIN 'J003' REPLACES BULLETINS FOR SERVICE ACTION 'K001' AND VEHICLE QUARANTINE 'Q0207.'**

**SECTION: 303**

**RECALL: Incorrect Brake Servo Vacuum Supply Hose Routing**

**AFFECTED VEHICLE RANGE:**

Jaguar XKR (SC)

VIN: Specific vehicles in range [B05172 to B14399](#)  
Refer to DDW to confirm vehicle status

**CONDITION SUMMARY:**

**DAMAGE POTENTIAL TO VACUUM HOSE**

**Situation:** Jaguar Cars has initiated a Safety Recall action on specific Jaguar XKR Supercharged vehicles that may have the vacuum hose incorrectly routed. The incorrect routing can cause that hose to rest against the EGR valve, resulting in potential damage to the hose and a possible vacuum leak. The customer may experience increased pedal effort to generate vehicle deceleration as the servo is depleted. The additional pedal effort required to stop the vehicle may increase stopping distance and could result in the vehicle being involved in a crash.

**Action:** Owners of affected vehicles, not already repaired under the terms of Service Action K001, will be notified that their vehicles are being recalled for the inspection and repair action to be undertaken. Any vehicle not inspected under Service Action K001 will be transferred to Recall J003. Dealers are to inspect and if indicated repair affected vehicles as described in the Repair Procedure section in this bulletin.

**! WARNING:** If any damage to the vacuum line is observed at the time of inspection, the affected vehicle must be repaired per the instructions in this bulletin.

**PARTS:**

C2P 7274 ..... Vacuum Hose Qty 1 (if required)

**WARRANTY:**

Warranty claims should be submitted quoting program code **J003**, together with the relevant option code from the table. This will result in payment of the stated time. As option codes are used, there is no requirement for you to enter parts or labor. These are provided for information only.

**△ NOTE:** Ensure that DDW is checked to verify that the vehicle is affected by this Recall Action prior to undertaking any rework action. DDW will be updated to reflect only those vehicles affected. At the time of confirming a booking for vehicle repair, all outstanding Field Service Actions must be identified and the correct parts must be available. Adequate workshop time must be allocated for repairs to be completed at one visit.

**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 the bulletin applies to a specific vehicle.

△ **NOTE:** The option that contains the drive in/drive out allowance may only be claimed when the vehicle has been brought back into the workshop for this action alone to be undertaken.

Program Code	Option	Description	SRO	Time	Part Number	Qty
J003	B	Inspect and re-route vacuum hose where necessary	10.10.99	0.2	N/A	N/A
J003	C	Inspect and re-route vacuum hose where necessary Drive in/drive out	10.10.99 10.10.10	0.2 0.1	N/A	N/A
J003	D	Inspect. Install and route replacement vacuum hose where necessary	70.50.16	0.4	C2P 7274	1
J003	E	Inspect. Install and route replacement vacuum hose where necessary Drive in/drive out	70.50.16 10.10.10	0.4 0.1	C2P7274	1

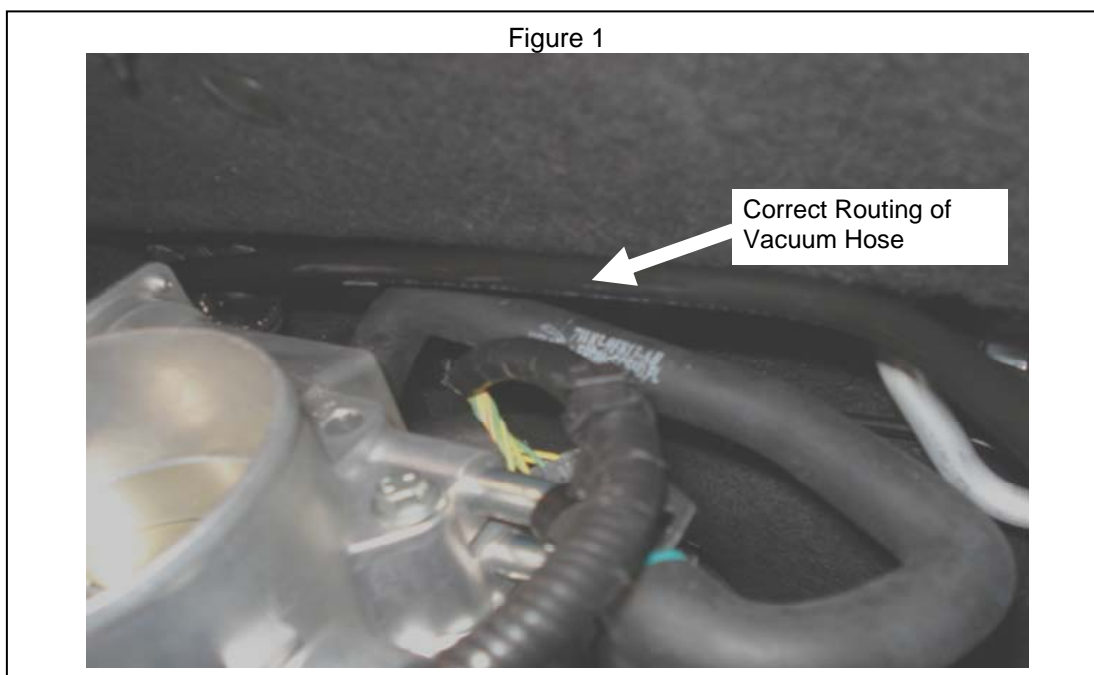
*Normal warranty policy and procedures apply.*

## **REPAIR PROCEDURE**

### **INSPECT FOR VACUUM HOSE ROUTING.**

△ **NOTE:** Global Technical Reference (GTR) lookup sequence is as follows:  
GTR Home > NAS > Service Information/ X150 – XK / 2007 > Workshop Manuals > New XK Workshop Manual > Bookmark "Engine / 303-12A Intake Air Distribution and Filtering – Vehicles with Supercharger" > Link "Intake Air Resonator"

1. Refer to GTR Workshop Manual section 303-12A and remove the Intake Air Resonator.
2. Looking from above in the area of the 'Y' pipe, verify that the brake servo vacuum hose is routed correctly above both the rubber coolant hose and the steel low pressure Air Conditioning (AC) tubing as shown. (Figure 1)
3. If the hose is correctly aligned as shown in Figure 1, no further action is required. Re-install the Intake Air Resonator.



4. If the hose is **not** correctly aligned and is routed below the AC tubing and coolant hose, perform the following:

- Remove the four clips, and remove the brake master cylinder cover (Figure 2).
- Disconnect the vacuum line at the quick-connect fitting above the brake servo. (Arrowed in Figure 3)
- Disengage the protective grommet.
- Carefully pull the vacuum line back toward the passenger side of the vehicle to free it from under the hose and AC tubing.

Figure 2



5. Carefully inspect the area of the hose that had been near the EGR valve for any signs of heat damage.



**NOTE: The brake master cylinder reservoir must not be removed from the vehicle. It is shown removed in Figure 3 for illustration clarity only.**

6. If the vacuum hose is determined to be undamaged, perform the following:
- Position the vacuum hose above the rubber coolant hose and steel AC tubing. (Figure 1)
  - Position the protective grommet.
  - Reconnect the quick connect fitting.
7. If **any damage** to the vacuum hose is determined, perform the following:
- Disconnect the installed vacuum hose at the throttle body. (Figure 4)
  - Remove the damaged vacuum hose from the vehicle.
  - Position the replacement vacuum hose above the rubber coolant hose and steel AC tubing.
  - Install the replacement vacuum hose to the throttle body.
  - Position the protective grommet.
  - Reconnect the replacement hose quick connect fitting above the brake servo.
8. Install air intake and engine compartment shielding components removed for access.

Figure 3

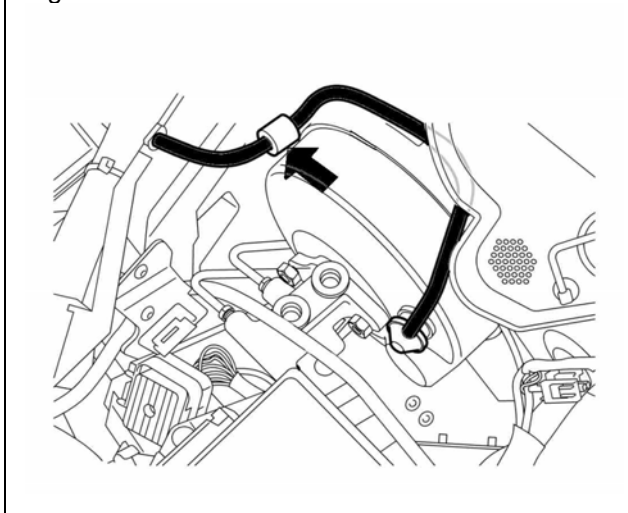
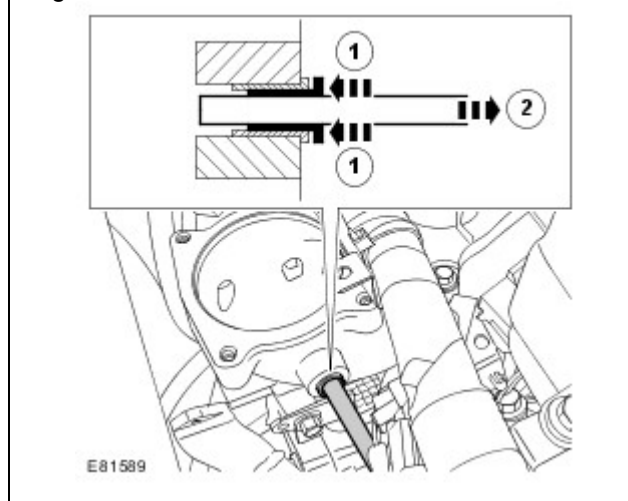


Figure 4





# AFFECTED VEHICLES

USA VIN	USA VIN	USA VIN	USA VIN	USA VIN	USA VIN	USA VIN
B05172	B11365	B11688	B12101	B12571	B13033	B14187
B05173	B11383	B11690	B12114	B12577	B13046	
B06709	B11389	B11700	B12117	B12579	B13071	
B06711	B11415	B11702	B12122	B12592	B13074	
B06713	B11417	B11704	B12131	B12594	B13117	<b>CAN VIN</b>
B06864	B11450	B11706	B12137	B12617	B13126	B08407
B06866	B11499	B11710	B12154	B12623	B13134	B11114
B06871	B11501	B11712	B12159	B12626	B13149	B11118
B06875	B11508	B11722	B12161	B12671	B13160	B11293
B06883	B11515	B11752	B12186	B12674	B13171	B11319
B06890	B11525	B11754	B12193	B12688	B13194	B12053
B08312	B11531	B11758	B12205	B12691	B13215	B12062
B08378	B11546	B11760	B12249	B12695	B13269	B12262
B08382	B11553	B11768	B12252	B12706	B13295	B12404
B08403	B11555	B11771	B12275	B12730	B13335	B12421
B08628	B11566	B11774	B12287	B12745	B13356	B12910
B09616	B11572	B11791	B12308	B12749	B13376	B13223
B09678	B11574	B11794	B12321	B12752	B13393	B13232
B09692	B11576	B11800	B12324	B12755	B13416	B13433
B09713	B11580	B11802	B12347	B12760	B13419	B13500
B09715	B11586	B11810	B12367	B12789	B13425	B13506
B09719	B11594	B11812	B12372	B12793	B13466	B13525
B09726	B11612	B11817	B12373	B12795	B13470	B13531
B09728	B11616	B11820	B12375	B12798	B13537	B13557
B09734	B11618	B11829	B12377	B12801	B13552	B13725
B09781	B11622	B11833	B12381	B12806	B13580	B13739
B09827	B11632	B11837	B12396	B12809	B13592	B13774
B09831	B11634	B11840	B12410	B12812	B13606	B13940
B09837	B11636	B11844	B12425	B12818	B13613	B13956
B09843	B11638	B11856	B12448	B12832	B13693	B14259
B09851	B11640	B11861	B12454	B12850	B13731	B14321
B10802	B11642	B11879	B12460	B12853	B13763	B14399
B10855	B11644	B11881	B12477	B12855	B13784	
B10872	B11650	B11883	B12496	B12868	B13898	
B11079	B11654	B11898	B12502	B12890	B13902	
B11220	B11656	B11924	B12508	B12901	B13931	
B11226	B11658	B11932	B12517	B12904	B13936	
B11242	B11662	B11950	B12519	B12913	B13953	
B11255	B11666	B11971	B12525	B12933	B14054	
B11268	B11668	B11978	B12532	B12939	B14062	
B11274	B11672	B12009	B12540	B12942	B14074	
B11295	B11674	B12039	B12546	B12962	B14097	
B11299	B11676	B12045	B12548	B12971	B14100	
B11327	B11678	B12067	B12550	B12991	B14112	
B11347	B11682	B12094	B12557	B12993	B14135	
B11349	B11684	B12097	B12563	B13010	B14184	



# TECHNICAL Q&A

## Jaguar Recall J003

### 2007 MY XKR LHD S/C Vehicles

### Brake Servo Vacuum Supply Hose Routing

#### Main Message:

Jaguar Cars Ltd. is undertaking a voluntary safety recall on 2007 MY XK Supercharged (S/C) models due to the possibility that on a limited number of vehicles the brake servo vacuum supply hose which connects the brake servo to the intake manifold may be in close proximity or touching the EGR (Exhaust Gas Recirculation) valve mounted on the engine. This could lead to the hose melting and subsequent loss of vacuum to the brake servo.

**Q1 Why is Jaguar recalling certain XK S/C models?**

A Jaguar Cars Ltd. is conducting a recall involving 2007MY XK left-hand drive S/C vehicles to inspect the routing of the brake vacuum hose and if required, re-route. Should the inspection reveal damage to the hose, the hose will be replaced as necessary.

**Q2 Can you tell me more about what is wrong with the vehicles?**

A On affected vehicles the plastic hose that provides vacuum to the brake servo may be in very close proximity or even touching the EGR valve on the engine. The EGR valve gets hot enough to melt the plastic hose which leads to a loss of brake pedal assistance by the brake servo. The vehicles affected do not suffer a loss of brakes; the condition is a potential for loss or reduction of brake assistance. Drivers will be aware of any deterioration of brake pedal assistance and naturally press the brake pedal harder to stop the vehicle

**Q3 How would the customer become aware of potentially having this concern?**

A Should a vehicle suffer this condition, customers would notice that the brake pedal feels harder than normal and that they would have to push the pedal harder in order to decelerate the vehicle at the desired rate.

**Q4 Does this recall affect vehicle safety?**

A The condition would not lead to a loss of brakes, but would result in a loss of pedal assistance.

**Q5 Has Jaguar received many complaints?**

A Jaguar Cars Ltd. has received four field reports of this condition.

**Q6 Have there been any accidents or injuries?**

A There have been no reports of injuries, accidents or fires.

**Q7 How was the condition discovered?**

A The condition was highlighted by the receipt of two field reports received from the dealer network

**Q8 How long has Jaguar known about this problem?**

A The first field report was received in January 2007.

**Q9 Is the defect leading you to any concerns regarding the reliability of a system, which is supposed to be designed and engineered for the passengers' safety? What type of measures are you planning to take?**

A We have no concerns with the reliability of the brake system. The vehicles affected do not suffer a loss of brakes, the condition is a potential for loss or reduction of brake assistance. Drivers will be aware of any deterioration of brake pedal assistance and naturally press the brake pedal harder to stop the vehicle.

**Q10 What has Jaguar done in production?**

A An additional clip has been introduced to the hose that runs at the back of the throttle body to ensure that the correct routing is maintained during the engine to body installation process at vehicle assembly; an additional check has also been introduced within the vehicle assembly process at the engine installation station to ensure that the hose is correctly routed.

**Q11 What will authorized repairers do to the vehicles?**

A Authorized dealers will inspect the routing of the vacuum hose and re-route if required. Where damage is noted on the hose, the vacuum hose will be replaced.

**Q12 Which vehicles are affected by this recall?**

A 2007 Model Year XK left-hand drive vehicles fitted with S/C engines only in the VIN Range from B05172 to B14399.

**Q13 Are other Jaguar models affected by these actions?**

A No other models are known to be affected.

**Q14 Are parts available to rework vehicles?**

A Yes.

**Q15 How much will the recall cost Jaguar?**

A Cost was not a factor in deciding to recall these vehicles.

**Q16 How do I know if my XK vehicle is affected?**

A All owners in North America of potentially affected vehicles will shortly receive a letter inviting them to contact a Jaguar authorized repairer for the work to be carried out.

**Q17 How long does it take for the car to be inspected and repaired?**

A The work will be carried out as quickly and efficiently as possible in order to minimize inconvenience to customers and is expected to take no longer than one hour to complete. Naturally, due to dealer schedules, vehicles may be required for longer.

**Q18 Can I continue to drive my XK vehicle safely until it has been recalled?**

A Yes. The primary braking system is not affected although pedal efforts may increase if a vehicle suffers from this condition.

**Note: Please ensure that any Press enquiries are referred to the Jaguar Public Affairs office.**