



MODEL
XJ Range

DATE
24 July 2006

NUMBER
S724
ISSUE: 2

SERVICE

TECHNICAL BULLETIN

**ISSUE '2' REVISIONS ARE HIGHLIGHTED WITH GREY BACKGROUND.
FIGURES NOW ILLUSTRATE A RIGHT-HAND SIDE LOCATION FOR LINK LEAD INSTALLATION.
A RHD VEHICLE IS SHOWN BUT THE LOCATION IS THE SAME FOR LHD AND RHD.**

SECTION: 414

SERVICE ACTION S724: Constant Battery Drain

AFFECTED VEHICLE RANGE:

XJ 2006 MY only VIN Range: G44575 to H08247

CONDITION SUMMARY:

BATTERY DRAIN MAY BE CONSTANT

Situation: When the ignition is turned straight to 'OFF' with the brake pedal applied (the brake lights are on) the Instrument Pack (IPK) sends a constant SCP network message 'brake lights off' to the Rear Electronics Module (REM). If the transition from ignition-to-auxiliary key position is less than 16 milliseconds a code overrun occurs. The 'stop all' message command executes **before** the 'send brake' message. The 'stop all' message command prevents the IPK and REM from entering 'sleep mode', which in turn results in a constant battery drain.



NOTE: A number of vehicles within the VIN range have had updated instrument clusters supplied by the factory and will not be covered by this Service Action.

Prior to undertaking any repairs, DDW must be checked to ensure that this vehicle is affected by this Service Action. DDW will be populated only with affected vehicles.

Action: Owners will be notified by letter of this Service Action (sample attached). At the earliest available opportunity dealers are to refer to the Repair Procedures detailed in this bulletin to perform the following:

- Install a 'link lead' (designed to increase the ignition-to-auxiliary timing and prevent a code overrun).
- Perform the Midtronics Test of the battery to determine if a battery replacement is necessary.



NOTE: When confirming a booking for this Service Action, ensure that all outstanding Field 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.

PARTS:



NOTE: Dealers should only order OE batteries in quantities to cover initial launch period demand. This will help to ensure that Jaguar battery inventory can support all requirements.



NOTE: For correct Battery selection observe the following replacement guidelines:

- Vehicles less than three months old or having less than 3000 miles, Original Equipment battery (C2Z 1141) from Jaguar Parts Operations is required.
- Vehicles over three months old or having greater than 3000 miles, Interstate battery (65-H8J) is required (refer to Administration Bulletin 3-174 dated Jan. 2002).

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.



TECHNICAL BULLETIN

NUMBER
S724

- C2C 34864.....Link lead Qty 1
- C2C 1311.....Battery (OE) Qty 1 (Replaced by C2Z 1141)
- C2Z 1141Battery (OE in current production) Qty 1 (if required)
- Locally Sourced:
- 65-H8J.....Interstate Battery Qty 1 (if required)

WARRANTY:

Warranty claims should be submitted quoting program code **S724** together with the relevant option code. This will result in payment of the stated time and payment for the parts included. As option codes are used, there is no requirement to enter part numbers or SROs. These are repeated here for information only.



NOTE: Owners of vehicles affected by this Service Action will be notified by letter to contact dealers and arrange for the battery test and link harness installation.

The options that allow for the drive in/drive out allowance can only be claimed if the vehicle is brought into the workshop for this Service Action alone to be undertaken.

This Service Action is valid for two years only. Repairs must be complete and warranty claims accepted for payment prior to the **30 June 2008** expiration date.

Program Code	Option	Description	SRO	Time	Part Number	Qty
S724	B	Install link lead and Perform Midtronics test of battery	86.93.66	0.2	C2C 34864	1
S724	C	Install link lead and Perform Midtronics test of battery w/ drive in/drive out	86.93.66 10.10.10	0.2 0.1	C2C 34864	1
S724	F	Install link lead and Perform Midtronics test of battery and Replace battery (OE)	86.93.67	0.3	C2C 34864 C2C 1311 or C2Z 1141	1 1
S724	G	Install link lead and Perform Midtronics test of battery and Replace battery (OE) w/ drive in/drive out	86.93.67 10.10.10	0.3 0.1	C2C 34864 C2C 1311 or C2Z 1141	1 1
S724	H	Install link lead and Perform Midtronics test of battery and Replace with Interstate battery	86.93.67	0.3	C2C 34864 ZZZ001	1 US \$117.98 PR \$ 127.50 CAN\$135.92
S724	J	Install link lead and Perform Midtronics test of battery and Replace with Interstate battery w/ drive in/drive out	86.93.67 10.10.10	0.3 0.1	C2C 34864 ZZZ001	1 US \$117.98 PR \$ 127.50 CAN\$135.92

Warranty claims should be submitted in accordance with the current Jaguar Warranty Policy and Procedures Manual and its amendments, unless stated otherwise in this Service Action.

REPAIR PROCEDURE

INSTALL LINK LEAD AND MIDTRONICS TEST BATTERY

1. Pull away the right-hand side door/dash area rubber dust seal. (Figure 1)

Figure 1



2. Remove the right-hand side dash panel end cover. (Figure 2)

Figure 2



3. Depress the center catch and unplug the blue electrical connector from the dash connector block. (Figure 3)

Figure 3



4. Install the link lead (C2C32824) between the blue electrical harness connector and the dash connector block. (Figure 4)

Figure 4



5. Stow the link lead into the available space in the dash. (Figure 5)

Figure 5



6. Position the link lead into the dash cavity, ensuring the link lead ground eyelet is accessible. (Figure 6)

Figure 6



7. Remove the dash attachment bolt.
(Figure 7)
8. Insert the link lead ground eyelet over the bolt threads and thread the bolt into the bracket mounting location. (Figure 7)
9. Tighten the attachment bolt to **20 Nm +/- 3 Nm (14.7 lbf-ft +/- 2 lbf-ft)**.
(Figure 7)

Figure 7



10. Install the right-hand side dash end cover. (Figure 8)
11. Install the right-hand side dust seal.

Figure 8



NOTE: GTR lookup sequence is as follows:
GTR Home > NAS > Service Information / X350 - XJ / Battery Care Manual > 'Midtronics Testing' section link

12. Refer to GTR Battery Care Manual 'Midtronics Testing' and test the vehicle battery.

NOTE: GTR lookup sequence is as follows:
GTR Home > NAS > Service Information / X350 - XJ / Workshop Manual > Bookmark "Electrical/Battery and Charging System / 414-01: Battery, Mounting and Cables / Removal and Installation" Link "Battery (86.15.01)"

13. If the test results indicates the battery should be replaced, refer to GTR Workshop Manual section 414-01 and install the appropriate new battery:
 - Vehicles less than three months old or having less than 3000 miles, install Original Equipment battery (C2Z 1141 or C2C1311) obtained from Jaguar Parts Operations.
 - Vehicles over three months old or having greater than 3000 miles, refer to Administration Bulletin 3-174 dated Jan. 2002 and install Interstate battery "65-H8J."

United States Sample Customer Letter

Dear Jaguar Owner:

Ref: Service Action S724 – Vehicle Battery Drain

Jaguar Cars Limited is undertaking at no-charge a Customer Satisfaction program for owners of certain 2006 Model Year Jaguar XJ vehicles. Your vehicle is eligible for this program.

Reason for this program

A potential quality concern may exist on your vehicle. Under certain conditions if the ignition is switched off quickly with the brake pedal applied, a constant message is generated by the Instrument Pack to vehicle electronic control units. The message prevents the control units from entering "sleep" mode, which can in turn discharge the battery.

What Jaguar will do

Your authorized Jaguar dealer will install a delay device to ensure that the software overlap that causes the condition cannot occur. Your battery will be checked and if indicated by the inspection, it will be replaced. The inspection and repair action will be undertaken on your vehicle at no charge to you, under the terms of this Service Action program.

What should you do?

Please contact your authorized Jaguar dealer without delay and indicate that you need to schedule an appointment to have Customer Satisfaction Service Action S724 performed.

Present this letter to the dealers Service Department when you arrive for the inspection and repair.

What should be done before the repair is completed?

When turning off your vehicle, select the "P" Park position, set the parking brake, release the footbrake and then shut off the engine. This will prevent the software conflict that results in battery drain.

How long will it take?

Expected repair time for all aspects of this Service Action is estimated to be approximately a half hour. However, due to service scheduling requirements at the dealer, your vehicle may be needed for a longer period of time. Please consult with your authorized dealer when scheduling an appointment.

If you have concerns:

If you experience any problems getting your vehicle repaired promptly and without charge, please contact your dealer's Service Manager for assistance.

Should you have the need to contact Jaguar Cars by mail, please use the following address:

Jaguar Cars North America
ATTN: Customer Relationship Center
555 MacArthur Boulevard
Mahwah, NJ 07430-2327

What should you do if you have further questions?

Should you have any questions regarding this Service Action or need assistance in locating your nearest authorized Jaguar dealer please contact the Jaguar Customer Relationship Center at: 1-800-4JAGUAR (1-800-452-4827).

You can also contact Jaguar by e-mail: Visit the web site www.jaguarusa.com and send an email from the "Contact Us" section.

We appreciate your confidence in our product and wish to do everything we can to retain that confidence. Jaguar in cooperation with your authorized dealer will strive to minimize any inconvenience to you caused by this campaign.

Sincerely yours,



Benjamin I. Weiner

Customer Satisfaction Manager

SAMPLE