



Land Rover North America, Inc.

SERVICE BULLETIN

CIRCULATION:			
Dealer Principal	X	Sales Guide	
General Manager	X	Parts Professional	X
Sales Manager		Warranty Admin	X
Business Manager		Service Advisor	X
Parts Manager	X	Technician	
Service Manager	X		

2007.05.25 10:00 AM
Bulletin **SRE06-06**

Section: Recall

Date: 25 May 2006

Model: Range Rover Sport

Applicable to: USA

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Attachments Sample Owner Letter

Technical **Q&A**

Owner's Handbook Sup

Subject: SAFETY RECALL B039 – NHTSA # 06V-135

Land Rover had determined that a condition affecting vehicle safety may affect some 2006 Model Year Range Rover Sport vehicles (specific vehicles within the range 6A900129 to 6A949108) imported by Land Rover North America, Inc.

DESCRIPTION OF DEFECT

It is possible that the front left brake hose, the anti-lock braking system (ABS)/wheel speed sensor lead or the brake pad wear warning sensor lead may chafe against the clip on wheel balance weights when on full left steering lock and the suspension is moving towards full bump condition. Land Rover has decided to recall all affected vehicles to install "stick-on" style wheel weights to the inner wheel location and to inspect the front left brake hose, the anti-lock braking system (ABS)/wheel speed sensor lead or the brake pad wear warning sensor lead for potential damage.

The customer may complain of the following:

- A brake warning light and/or an ABS warning light and/or a worn brake pad message.
- The warnings could possibly lead to a long brake pedal together with increased stopping distances.

VEHICLES INVOLVED/CUSTOMER NOTIFICATION

NOTE: Some vehicles within the affected VIN range may have been corrected under the provisions of a Quarantine associated with this Recall (refer to Service Bulletin SRE06-03). These vehicles are excluded from this Recall Action.

Customer notification will begin in June 2006. A sample of the customer notification letter is attached to this bulletin.

Should a customer present a vehicle within the affected VIN range that has had after-market 19 inch wheels installed and the vehicle does not have Brembo brakes, the vehicle should be inspected and if necessary modified in accordance with this Recall Action. An e-mail should be sent to jlrcamp@landrover.com containing the VIN details of the vehicle to enable the VIN to be included. Failure to send the e-mail will result in the claim being rejected as 'Vehicle not part of this campaign'.

A supplement to the Owner's Handbook has been generated to inform owners that when tires are replaced, or are re-balanced, only self adhesive balance weights should be used. A copy of the supplement has been sent directly to the customers in the notification letter. Vehicles in Retailer inventory should have an Owner's Handbook supplement placed in the vehicle at the time of **Quarantine/Recall** repair. If a customer does not have the supplement they should be provided with a copy when the vehicle is presented for this Recall Action to be completed. Retailers may print the attached copy of the supplement or obtain additional quantities of the supplement by sending an e-mail to the following address:

LandRover_A039@elandershindson.co.uk

B039	X	Check and replace LHF pad wear sensor – replace balance weights	70.15.89/33	0.5	As Required			ZZZ001
B039	X	Check and replace LHF ABS sensor – replace balance weights	70.15.89/34	0.7	As Required			ZZZ001
B039	X	Check and replace LHF brake hose, pad wear sensor and ABS sensor – replace balance weights	70.15.89/35	1.0	As Required			ZZZ001
B039	X	Drive in/Drive out	02.02.02	0.2	N/A			

Warranty claims should be submitted in accordance with the current Land Rover Warranty Policy and Procedures Manual and its amendments unless stated otherwise in this Recall Action.

SAMPLE OWNER LETTER

RE: Safety Recall Action B039 – Inspection and Repair of Brake Hose and Sensor Leads

Vehicles Affected: 2006 Range Rover Sport

Dear Land Rover Owner:

This notice is sent to you in accordance with the requirements of the **National Traffic and Motor Vehicle Safety Act**. Land Rover has decided that a defect, relating to motor vehicle safety, exists in 2006 model year Range Rover Sport vehicles equipped with 19-inch wheels.

What is the concern?

During certain maneuvers when the steering system is on full left lock and the suspension is moving towards full compression, the left front brake hose and/or the ABS wheel speed sensor lead and/or the brake pad wear warning sensor lead can catch on the clip-on wheel balance weight as the wheel rotates. This may lead to premature brake pad wear warnings, warnings of ABS failure, or extended brake pedal operation which will increase the risk of an accident.

What will Land Rover and your Land Rover Retailer do?

An authorized Land Rover Retailer will replace the inner clip-on balance weights on your vehicle with stick-on balance weights. In addition the left front brake hose, ABS wheel speed sensor lead and the brake pad wear warning sensor lead will be inspected for damage and where necessary they will be replaced.

An amendment page for your Owner Handbook is provided with this letter to replace the existing information about wheels and tires. The revised page indicates the need to use only stick-on inner wheel weights with 19 inch wheels.

What should you do?

Please contact your authorized Land Rover Retailer at your earliest convenience to schedule an appointment to have Recall Action B039 completed on your vehicle. In the time prior to the Recall repair Land Rover recommends that you avoid turning the steering wheel sharply to the left while in "crawl" or "access" suspension height.

How long will it take?

Repair time is estimated to be approximately an hour to inspect and if necessary to install the new components.

As Land Rover would also like to take this opportunity to provide several enhancement updates to your vehicle to bring them to the latest specification level, your vehicle may be needed for a longer period of time. Your retailer can provide more detailed information about what is involved in these additional updates.

Attention Leasing Agencies:

Federal regulations require that you forward this recall notification to the lessee within TEN days.

Moved or no longer own a Land Rover?

If you are no longer the owner of this vehicle, Land Rover would greatly appreciate the name and address of the new owner, using the enclosed return postage-paid card.

Should you have the need to contact Land Rover by mail, please use the following address:

Land Rover 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 Recall Action or need assistance in locating your nearest authorized Land Rover Retailer, please contact the Land Rover Customer Relationship Center at: 1-800-637-6837, Option 9. You can also contact Land Rover by e-mail: Visit the web site www.landroverusa.com and send an email from the "Contact Us" section.

If an authorized Land Rover Retailer fails or is unable to satisfactorily answer your concerns about this notice, without charge within 60 days, you may submit a complaint to the Administrator, National Highway Traffic Safety Administration, 400 Seventh Street, S.W., Washington, D.C. 20590 or call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153), or log on to www.safercar.gov to submit a complaint electronically.

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

Sincerely,



Benjamin I. Weiner
Customer Satisfaction Manager

Technical Q&A



FOR USE ON INQUIRY

Recall 6039

Range Rover Sport (LS) with 9Jx19" wheels

Main Message: Front left brake hose and/or the ABS wheel speed sensor lead and/or the pad wear warning sensor lead can chafe against the clip-on wheel balance weights when at full left steering lock and the suspension is moving towards full "bump" at the upper limits of suspension travel. Being in "Access" or "Crawl" mode can contribute to the conditions that can lead to wheel weight chafe.

Q1 Why is Land Rover recalling certain models?

A To ensure the continued satisfactory operation of the brake system on all Range Rover Sport vehicles that could have this defect.

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

A During certain maneuvers when the steering system is on full left lock and the suspension is moving towards full "bump" the front left brake hose and/or the ABS wheel speed sensor lead and/or the pad wear warning sensor lead can catch on the wheel balance weight as the wheel rotates.

Q3 Does this recall affect vehicle safety?

A Yes.

Q4 Has Land Rover received many complaints?

A To date there have been 57 claims around the world for this complaint from nearly 50000 vehicles produced.

Q5 Have there been any accidents or injuries?

A As far as we are aware, there has been one minor incident without injury.

Q6 How was the condition discovered?

A The condition was first discovered by retailers in Italy when repairing vehicles where a brake warning light had been illuminated.

Q7 What has Land Rover done in production?

A The Wheel Balance Weight has been changed from a type that clips onto the inside rim of the wheel to a 'stick on' type to increase the clearance to the Brake Hose and Sensor Leads.

Q8 What will authorized repairers do to the vehicles?

A The vehicles will have their inner Wheel Balance Weights changed to a 'stick on' type.

Q9 Which vehicles are affected by this recall?

A All Range Rover Sport models fitted with 1 9 alloy wheels not equipped with Brembo brakes.

Q10 Are other Land Rover models affected by these actions?

A No.

Q11 Are parts available to rework vehicles?

A Yes.

Q13 How much will the recall cost Land Rover?

A Cost is never a factor in Land Rover's decisions to recall vehicles.

Technical Q&A



Q14 How do I know if my Range Rover Sport is affected?

A If the tire sidewall is printed with 255/50R19 and the vehicles is not equipped with Brembo brakes, then your vehicle is affected.

All owners of potentially affected vehicles will receive a letter shortly inviting them to contact a Land Rover authorized retailer for the work to be carried out.

Q15 Can customers check their own vehicles?

A Owners should contact a Land Rover authorized retailer for the vehicle to be inspected and repaired.

Q16 How long does it take for the car to be inspected and repaired?

A Depending on the results of the inspection the vehicle will be required between half an hour and an hour. Because of retailer schedules, vehicles may be required for longer.

Q17 Can I continue to drive my Range Rover Sport safely until it has been recalled?

A While the vehicle remains safe to drive, Land Rover would ask customers to be aware of the need to avoid steering the vehicle sharply while in *access/crawl* mode. Customers should react promptly to this recall to ensure maximum safety.



RANGE ROVER SPORT

HANDBOOK SUPPLEMENT

The following information should be read in conjunction with the Owner's Handbook, Part Number LRL 18 02 54 602. The information provided relates to 9J x 19 alloy wheels.

Publication Part No. LSA 18 02 54 602

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Handbook Supplement

WHEELS AND TIRES

Wheel size and tire specification

Wheel size	Tire	Load Index
8J x 18	255155 R18 - All terrain tire	109V
9J x 19	255150 R19 - All terrain tire	107Y
9.5J x 20	275140 R20 - All terrain sport tire	106Y
5.5J x 19 (steel compact spare)	T175/80 R19 - Compact spare tire	122M
8J x 19 (alloy temporary spare)	255150 R19 - Temporary spare tire	107Y

Caution: If a 9J x 19 alloy wheel requires balancing, the inner surface of the wheel must only be **fitted** with adhesive balance weights. Other types of weights will cause damage to the vehicle.