



Land Rover North America

November 8, 2004

Mr. Kenneth N. Weinstein
Associate Administrator for Enforcement
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION
U.S. Department of Transportation
400 7th Street, SW
Washington, DC 20590

04V-554
(3 pages)

RE: Land Rover Recall Campaign B178 – Yaw Rate Sensor
– 2004 model year Range Rover

Dear Mr. Weinstein:

This notice is sent to you by Land Rover North America, on behalf of the manufacturer Land Rover, a private company incorporated under the laws of England and Wales, in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act of 1966 and 49 CFR Part 573.

Land Rover has determined that certain 2004 model year Range Rover vehicles may have been installed with a faulty yaw rate sensor. A total of seventeen vehicles built for sale in the United States may be affected. Land Rover will recall these vehicles to inspect and replace the sensor, if necessary.

Attached is the detailed defect information report, pursuant to Section 573.6 (c).

Should there be any questions regarding this report, please feel free to contact me.

Sincerely,

Dennis Johnston
Manager, Product Compliance

ff.

Land Rover North America
555 MacArthur Boulevard
Mahwah, New Jersey 07430
Telephone 1-800-637-6837
Fax 1-201-760-8514

Recall Campaign – Yaw Rate Sensor – 2004 model year Range Rover

1. Manufacturer Corporate Name:

Land Rover
Solihull, United Kingdom

Affiliated U.S. Importing Company and Agent:

Land Rover North America, Inc.
555 MacArthur Blvd
Mahwah, NJ 07430

2. Identification of Affected Vehicles:

Based on analysis of the failure mode and build records the following vehicle population was identified.

Subject Vehicles: 2004 model year Range Rover

Affected VIN: SALME11494A175723 ~ SALME11484A178015

produced from June 22, 2004 to July 9, 2004

Subject Components: Yaw Rate Sensor

3. Total Number of Vehicles Potentially Affected:

Most vehicles within the VIN ranges have been inspected or rectified before sales. Only 17 vehicles have no records of inspection; therefore, these vehicles are subject to the recall.

4. Percentage of Vehicles Estimated to Actually Contain the Noncompliance:

70% of vehicles may contain the concern

5. Description of the Noncompliance:

Certain 2004 model year Range Rover vehicles equipped with Dynamic Stability Control may have been fitted with a yaw rate sensor that has internally delaminated, which could actuate the Dynamic Stability Control system incorrectly, resulting in uneven and unexpected application of the brakes.

As of the date of this letter, there are no known accidents or injuries attributable to this condition.

6. Chronology of Principal Events:

In July 2004, Land Rover was notified of a concern by Bosch with the sensor used on the vehicle to determine vehicle yaw rates. Quarantine notice (Q3104) was issued on July 16, 2004 for vehicles in the plant and at the ports to be inspected and repaired prior to release.

At this time, engineering work commenced to determine the effect that a defective sensor would have on the operation of the vehicle. The findings of this investigation were discussed in the Land Rover Technical Review Group in August 2004. At this time, it was believed that all vehicles possibly containing the questionable sensors for the North American markets had been inspected in the ports and rectified if required. A later assessment of the success of the request to update vehicles within the distribution chain subsequently revealed that a very small number of vehicles had no record of either inspection or rectification. The decision was made by Land Rover management to voluntarily recall these remaining vehicles to replace suspect sensors.

7. Case of Non-Compliance

There is no non-compliance.

8. Description of Corrective Action

Vehicles will be inspected to determine if they contain a suspect sensor, and if necessary, the sensor will be replaced with a known good part.

9. Copies of Dealer Communications

Copies of the dealer notification documents (service bulletin and technical information bulletin (TIB)) will be submitted to NHTSA when available.

10. Copy of Owner Communication

A draft copy of the customer notification letter will be submitted to NHTSA for your review and approval when it is available.

11. Manufacturer's Campaign Number

Land Rover's campaign number is B178.