



November 24, 2010

VIA FEDERAL EXPRESS

Mr. Daniel Smith  
Associate Administrator for Enforcement  
National Highway Traffic Safety Administration  
1200 New Jersey Avenue, SE  
Washington, DC 20590

Re: **Recall Campaign**  
**2011 MY Kia Sorento Rear Brake Caliper Inspection**

Dear Mr. Smith:

The following information is submitted in accordance with Part 573 of Title 49 of the Code of Federal Regulations:

**573.6 (C)(1)**

Manufacturer:	Kia Motors Corp.
Importer:	Kia Motors America, Inc.
Agent Designated by Manufacturer:	Robert Babcock Hyundai-Kia America Technical Center, Inc

**573.6(C)(2)**

Identification of Vehicle, Make, Model Year and Manufacturing Date:	Some 2011 model year Kia Sorento vehicles produced from September 14, 2010 through October 4, 2010.
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**573.6(C)(3)**

Total Number of Vehicles:	Approximately 7,697 vehicles are subject to the recall inspection. Less than half of those vehicles have a part that will need to be replaced.
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**573.6(C)(4)**

Hyundai-Kia America Technical Center Inc.  
6800 Geddes Road, Superior Township, MI 48198  
TEL: 734-337-9499 FAX: 734-483-5919  
[www.hatci.com](http://www.hatci.com)

## Hyundai-Kia America Technical Center, Inc

Percentage of Vehicles Estimated to Actually Contain the Defect:

This defect potentially exists in an estimated 3,611 rear RH and LH brake calipers installed on the vehicles identified in (C)(2).

### 573.6(C)(5)

Description of the Defect:

Some of the rear brake calipers supplied to Kia Motors Corporation and installed in the Kia Sorento vehicles identified in (C)(2) may not have been properly machined. As a result, brake fluid will leak due to improper sealing. If this occurs, the following symptoms may occur:

- The Low Brake Fluid Level Warning light on the instrument panel will illuminate indicating that the brake fluid level should be attended to by the driver.
- If the vehicle continues to be driven with the Low Brake Fluid Level Warning light illuminated, the driver will experience a soft or spongy brake pedal.
- If both indicators are ignored, braking performance will be reduced.

### 573.6(C)(7)

Basis for Defect Determination

In early November 2010, KMA became aware of the brake fluid leaking around the pistons of certain rear calipers. KMA reported this information to KMC. KMC and its supplier conducted various inspections and investigations and found that certain lots of rear brake calipers had been improperly machined due to a computer setting that had been corrected after a short period of time.

The background field information which was evaluated includes:

- Eight (8) technical assistance case center reports;
- Four (4) consumer assistance case center reports;

On November 23, 2010, KMC concluded that the product condition described in Section 573.6(C)(5)

**Hyundai-Kia America Technical Center, Inc**

existed and warranted a safety recall.

There have been no reports of accidents or injuries as a result of this condition.

**573.6(C)(8)(i)**

Program to Remedy Defect:

All owners of vehicles identified in (C)(3) will be notified by first class mail to bring their vehicle to a Kia dealer. At that time, the dealer will inspect and if necessary, replace the rear brake caliper(s).

**573.6(C)(8)(ii)**

Estimated Date for Notification of Defect to Owners and Dealers

The estimated date of notification to dealers is November 24, 2010. The estimated date of notification to owners will be based on NHTSA's approval date.

**573.6(C)(11)**

Notices

A draft of the owner notification letter will be submitted contemporaneously with this notice. A Technical Service Bulletin will be provided to NHTSA in the near future.

**573.6(C)(12)**

Manufacturer's Campaign Number If  
Different From Identification  
Number Assigned by NHTSA **SC087**

If you or your staff has questions or comments regarding this matter, please contact me in writing at the above address.

Sincerely,

A handwritten signature in black ink that reads "Robert Babcock" followed by a stylized "ya" or "y" mark.

Robert Babcock  
Senior Manager,  
Regulation and Certification Department