

June 17, 2005



**KIA MOTORS**  
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## **Attention: All Kia Service Managers**

Kia Motors America, Inc., in cooperation with the National Highway Traffic Safety Administration, is conducting a voluntary Safety Recall Campaign on certain 2001 Rio models to replace the steel wheels. Enclosed is a Technical Service Bulletin that provides the following information:

- Vehicle Repair Procedures
- Affected VIN Production Range
- Warranty Claim Information

Also enclosed is a copy of the owner notification letter, a Q&A guide for recall questions, both of which describe the defect and the resulting risk to motor vehicle safety, and a list of retail Kia Rio owners affected by the recall. The owner letter will be mailed June 22, 2005. Please start performing the repairs on any affected 2001 Rio models produced from May 12, 2000 to October 17, 2000 immediately.

Please make certain the appropriate personnel in your dealership are familiar with the details of this recall to ensure proper responses to customer inquiries and requests to have the recall performed on their 2001 Rio vehicles.

Notice – Tire replacement due to tires being worn past their wear limit is the responsibility of the customer.

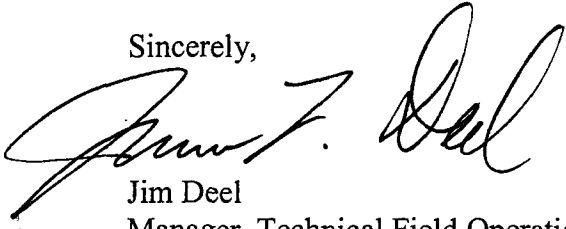
**NHTSA ADVISORY:** It is a violation of Federal law for a dealer to deliver a new motor vehicle covered by this notification under a sale or lease until the defect is remedied.

**LEGAL PRIVACY LIABILITY NOTICE:** Pursuant to the terms of the Dealer Sales and Service Agreement and the Gramm-Leach-Bliley federal consumer privacy act, you are required to keep confidential any and all information and documents provided to you by Kia Motors America, Inc. or generated by you in the conduct of carrying out work under that Agreement regarding Kia vehicle purchasers and owners, including but not limited to warranty claim information. Kia dealers may use such owner information for the sole purpose of conducting and performing this voluntary recall campaign, and for no other purpose.

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SC046


Your prompt attention in completing this recall is appreciated. If you have any questions, please contact your Kia District Parts/Service Manager.

Sincerely,

A handwritten signature in black ink, appearing to read "Jim F. Deel". The signature is fluid and cursive, with a large loop at the end of the last name.

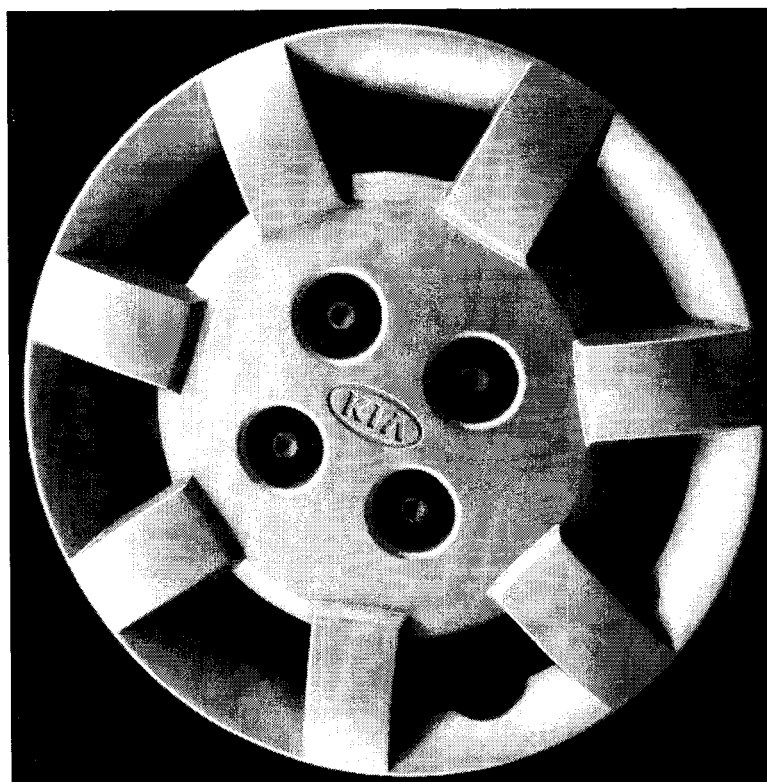
Jim Deel  
Manager, Technical Field Operations

Enclosures

	<b>VOLUME</b>  3	GROUP Campaign	MODEL Rio
		NUMBER 046	DATE June 2005
<b>TECHNICAL SERVICE BULLETIN</b>			
<b>SUBJECT:</b> SAFETY RECALL CAMPAIGN: RIO STEEL WHEEL REPLACEMENT			

This bulletin provides information related to a recall campaign to replace steel wheels on some 2001MY Rio vehicles produced from 5/12/00 through 10/17/00.

2001MY Rio vehicles equipped with steel wheels produced from 5/12/00 through 10/17/00 may have a manufacturing flaw that could cause the wheel to crack under long-term driving fatigue.



### \* NOTICE

There is no charge to the vehicle owner for this repair. Under applicable law, you may not sell or otherwise deliver any affected 2001MY Rio until it has been repaired, pursuant to the procedures set forth in this bulletin.

File Under: Campaign

Circulate To: 
 ☒ General Manager 
 ☒ Service Manager 
 ☒ Parts Manager  
☒ Service Advisor(s) 
 ☒ Technician(s) 
 ☒ Body Shop Manager 
 ☐ Fleet Repair

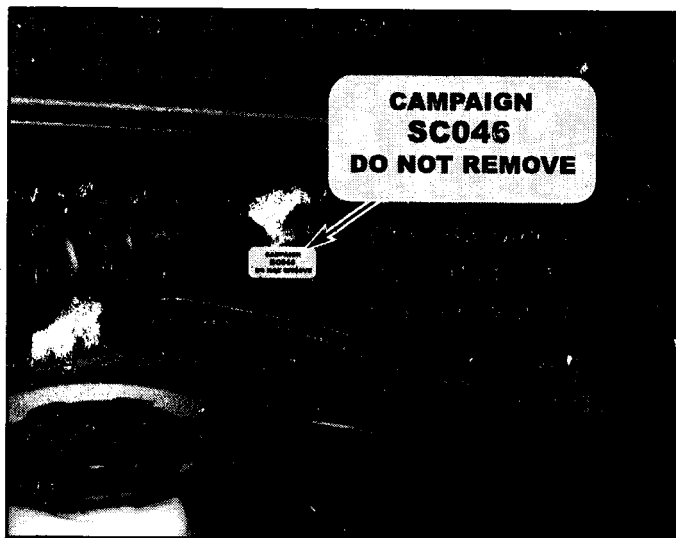
SUBJECT:

## SAFETY RECALL CAMPAIGN: RIO STEEL WHEEL REPLACEMENT

### INSPECTION PROCEDURE:

1. If the vehicle is equipped with alloy wheels or non-factory steel wheels, they are not part of the recall campaign and NO FURTHER ACTION IS REQUIRED.  
If the vehicle has one or more original equipment steel wheels, then continue.
2. Open the hood and check for SC046 Campaign Completion Label on the bulkhead above the brake booster.
  - If the label exists, NO FURTHER ACTION IS REQUIRED.
  - If the label does not exist, continue to the Replacement Procedure.

**Note:** Campaign completion must be verified on the Warranty Coverage Validation Inquiry screen, prior to performing repairs (Kia Standard System [KSS] Main Menu - Option 3).



### REPLACEMENT PROCEDURE:

1. Raise vehicle.

#### \* NOTICE

**Tire replacement due to tires being worn past their wear limit is the responsibility of the customer.**

2. Remove all four wheel/tire assemblies and remove tires from wheels.
3. Use the appropriate service equipment to:
  - Install a new valve stem in each new steel wheel
  - Install the existing tires on the new steel wheels
  - Balance each tire/wheel assembly
4. Reinstall the wheel cover and tire/wheel assembly. If vehicle is equipped with mini center caps, reuse the existing mini caps.



SUBJECT:

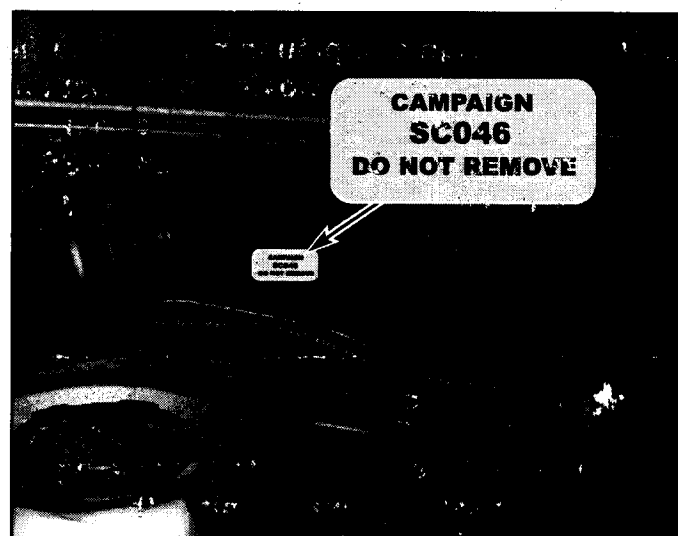
**SAFETY RECALL CAMPAIGN: RIO STEEL WHEEL REPLACEMENT**

If the vehicle is equipped with full-size wheel caps reuse the existing full size wheel caps unless new ones were supplied with the replacement wheels.

**Note:** Some campaign vehicles require and will come with new full size wheel caps that should be used instead of the existing full size wheel caps.

Tighten the wheel nuts in a cross pattern to 65-87 lb-ft (88-118 N-m, 9-12 kg-m).

5. Install SC046 Campaign Completion Label onto the bulkhead above brake booster.



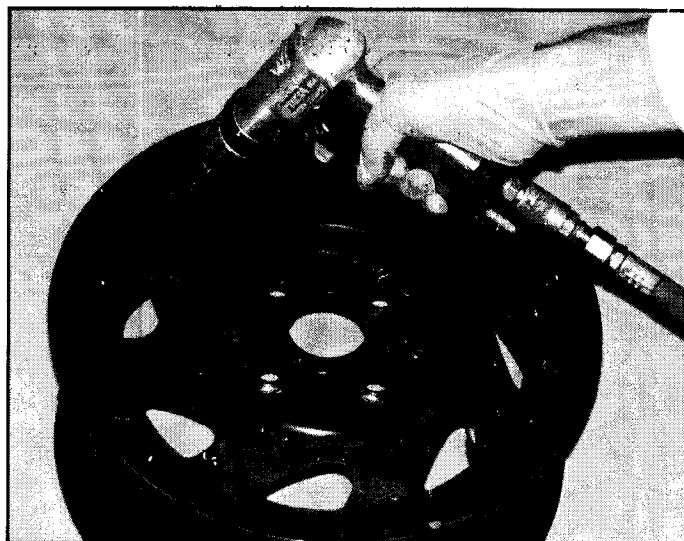
#### OLD STEEL WHEEL DESTRUCTION PROCEDURE:

##### **A WARNING**

**Wear suitable eye protection and gloves when performing the following procedure.**

All old wheels must be destroyed to ensure that they are not reused.

1. Drill a 1/4 to 3/8 inch hole through the front side of the wheel on the opposite side of the valve stem hole as shown in the picture.
2. Dispose of the old wheels in a suitable manner.



## RECALL CAMPAIGN: RIO STEEL WHEEL REPLACEMENT

### AFFECTED PRODUCTION RANGE:

2001MY Rio vehicles equipped with steel wheels produced from 5/12/00 through 10/17/00.

### PART NUMBER INFORMATION:

Description	P/N
Black Steel Wheel	QK996 5665030Q
Silver Steel Wheel	QK996 5655030Q
Valve Stem/Wheel Weights	Dealer supplied — not from KMA parts (Sublet S4)
SC046 Campaign Completion Label*	UR050 SC046

\*Extra SC046 Campaign Completion labels in sheets of 20 are available at no cost through the KMA parts system or your DPSM.

### WARRANTY CLAIM INFORMATION:

Claim Type	Causal P/N	Qty.	Cond. Code	Cause Code	Repair Description	Labor OP Code	Time	Related Parts	Qty.
R	K9965 665030* K9965 655030**	0	N29	C07	Replace 4 Steel Wheels & Balance	051021R0	0.8	QK996 5665030Q* QK996 5655030Q** UR050 SC046	4 4 1

\* Black

\*\* Silver

**Note:** Submit sublet code S4 for up to \$14.00 to cover the cost of valve stems and wheel weights not supplied by KMA.

To improve customer satisfaction always remember to refer to the Warranty Coverage Validations Inquiry Screen (Select 3) on your Kia Standard System (KSS) Dealer Main Menu for a list of any additional campaigns that may need to be performed on the vehicle before returning it to the customer.