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RECALL MANAGEMENT DIVISION

07V-088  
(7 Pages)

**Part 573 Defect and Noncompliance Report**

On March 1, 2007 Irbit Motorworks of America, Inc decided that a defect which relates to motor vehicle safety exist in the motor vehicles listed below, and is furnishing notification to the national Highway Safety Administration in accordance with 49 CFR Part 573.

**Report prepared on:** 3/1/2007

Recall code: N/A

Irbit Motorworks of America, Inc

15411 N.E. 95<sup>th</sup> St.

Redmond, WA 98052

**Official Contact:**

Jason Rae

V.P. Operations and product Support

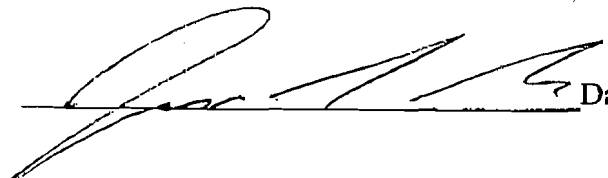
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Jason@imz-ural.com

**Report Prepared by:**

Jason Rae

V.P. Operations and Product Support

 Date 3-1-07

### **Vehicle Models Involved in the Recall**

**Make:** Ural    **Model Years Involved:** 2006    **Models:** Raven, Tourist, Patrol, Gear-up  
**Vehicle Type:** Ural Motorcycle    **Body Style:** Standard IMZ-1037

This recall includes Ural motorcycles from production shipment number 101 and 102.

### **Recall Population**

<u>Model</u>	<u>Year</u>	<u>Number Potentially Involved</u>
Tourist	2006	1
Gear-up	2006	2
Patrol	2006	2
Raven	2006	28

**Total Number Potentially Affected by the Recall:** 33 units

This recall population was determined by recalling all motorcycles from production shipments 101 and 102.

### **Defect Description**

The known defect is specific to improperly installed wheel bearings.

The cause of this defect is a production line quality control issue. The line worker may have installed the wheel bearings in reverse order.

Possible consequence of this defect can include loose wheels, over tight bearings, and potential loss of control.

Possible warning might be excessively loose wheels, wheel shake, and/or poor handling.

### **Chronological Summary**

2-21-07 Irbit Motorworks received a telephone call from a dealer stating they were unable to properly adjust a customer's wheel bearing during normal service.

2-22-07 Irbit Motorworks requested the dealer to send the wheels to the home office in Redmond for inspection.

2-26-07 Upon inspection of the wheels and bearings it was determined by Irbit Motorworks that the bearings had been improperly installed at the factory in Russia.

2-27-07 Irbit Motorworks had a conference call with factory production representatives. It was determined that a new line worker at the factory had potentially installed wheel bearings incorrectly. This line worker had been involved with two production shipments (101 and 102).

2-27-07 Jason Rae (Operations and Product Support) determined that in the interest of safety that all potentially involved motorcycles should be recalled and inspected.

3-1-07 Jason Rae (Operations and Product Support) started filling procedures for recalls following guidelines provided by NHTSA.

### **Remedy**

Dealers need to simply inspect all wheels for proper wheel bearing installation. New bearings will be needed if the bearings are found to be installed improperly as the bearings may have been damaged during use.

### **Recall Schedule**

By 3-5-07 Irbit Motorworks will notify all Ural dealers of the recall by mail, e-mail, and dealer web board update (see attached dealer notification letter). A letter with inspection and/or replacement instructions will be mailed in conjunction with notification letters.

By 3-9-07 notification letters will be mailed to all registered owners affected by this recall (see attached owner notification letter). The owners will be instructed to contact any local Ural Motorcycle dealer for a service appointment. All labor and/or required parts will be provided free of charge and covered by warranty. No charges will be billed to the servicing dealer.

Dealers will be required to provide the VIN number for any vehicle serviced by this recall. Any required replacement parts will be sent to the dealer free of charge upon request. This will allow Irbit Motorworks to more closely monitor the recall process.



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### **Vehicle Recall Service Bulletin**

TO: All Ural Dealers

The National Traffic and Motor Vehicle Safety Act, as amended, provides that each vehicle which is subject to a recall campaign of this type must be adequately repaired within a reasonable time after the owner has tendered it for repair. Failure to repair within sixty (60) days after tender of a vehicle is prima facie evidence of failure to repair within a reasonable time. If the condition is not adequately repaired within a reasonable time, the owner may be entitled to an identical or reasonable equivalent vehicle at no charge or to a refund of the purchase price less a reasonable allowance for depreciation.

To avoid having to provide these burdensome solutions, every effort must be made to promptly schedule an appointment with each owner and to repair their vehicle as soon as possible. As you will see in reading the attached copy of the letter that is being sent to owners, the owners are being instructed to contact the [MFR] customer service if their dealer does not remedy the condition within three (3) days of the mutually agreed upon service date. If the condition is not remedied within a reasonable time, they are instructed on how to contact the National Highway Traffic Safety Administration.

### **Defect Involved**

Irbit Motorworks has determined that a defect with related to motor vehicle safety, exists in certain 2006 model Urals from production shipments 101 and 102. These vehicles may have improperly installed wheel bearings. Improperly installed bearings may result in loose wheels, wheel lock up and/or motor vehicle accident.

This recall will involve inspection and/or replacement of improperly installed wheel bearings. You will need to determine if the bearings have been installed correctly, if not they will need to be replaced. Replacement parts (if needed) will include new wheel bearings. All required parts and instruction will be provided at no charge.

### **Vehicles Involved**

Involved are all motorcycles from production shipments 101 and 102. Models include Patrol, Tourist, Gear-up, and Raven.

Involved vehicles have been identified by Vehicle Identification Number Computer Listings. Computer listings contain the complete Vehicle Identification Number, owner name and address data, and are furnished to involved dealers with the recall bulletin. Owner name and address data furnished will enable dealers to follow-up with owners involved in this recall.

Sincerely,  
Jason Rae  
V.P. Operations and Product Support  
[jason@imz-ural.com](mailto:jason@imz-ural.com)  
(425) 702-8484 ext. 105



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**Vehicle Recall Owner Notification Letter**

Dear Ural motorcycle owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

**Reason For This Recall**

Irbit Motorworks has determined that a defect which relates to motor vehicle safety, exists in certain Ural motorcycles. It was found that wheel bearings may have been improperly installed at the factory. The defect can cause loose wheels, wheel lock up and may result in motor vehicle accident.

**What We Will Do**

All affected motorcycles will be inspected for this defect; if it is found your wheel bearings have been installed incorrectly they will be replaced at no charge.

**What You Should Do**

Please contact your nearest Ural dealer as soon as possible to arrange a service appointment. You may be asked to provide your complete VIN (vehicle identification number) for confirmation of recall. The labor time to perform this service is approximately 2 ½ to 3 hours. Please ask your dealer if you wish to know how much additional time may be needed to schedule and process your vehicle.

Your Ural dealer is best equipped to obtain parts and provide service to ensure that your vehicle is corrected as promptly as possible. If, however, you take your vehicle to your dealer on the agreed service date, and they do not remedy this condition on that date or within three (3) days, we recommend you contact Ural customer service by calling 1-888-990-8484.

After contacting your dealer and Ural customer service, if you are still not able to have the safety defect remedied without charge and within a reasonable time, you may wish to write the Administrator, National Highway Traffic Safety Administration, 400 Seventh Street, SW, Washington, DC 20590 or call 1-888-327-4236 (TTY: 1-800-424-9153) or go to <http://www.safercar.gov>.

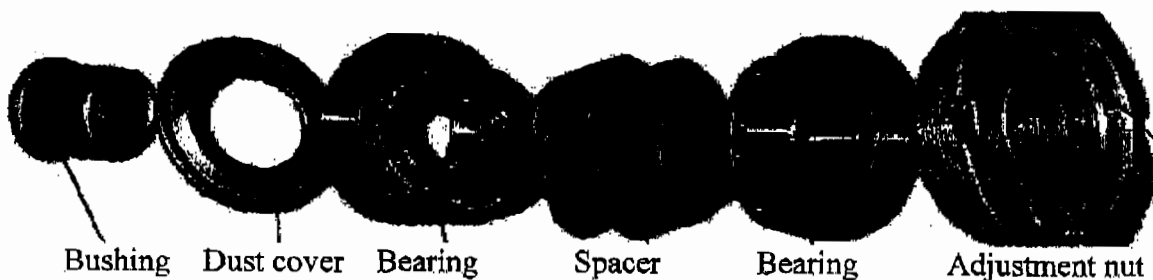
If you had this repair performed before you received this letter, you may be eligible to receive reimbursement for the cost of obtaining a pre-notification remedy of the problem associated with this recall. For more information contact Ural Customer Service at 1-888-990-8484. If you have sold or traded your vehicle, please let us know by calling Ural Customer Service at 1-888-990-8484.

We are sorry to cause this inconvenience; however, we have taken this action in the interest of your safety and continued satisfaction with our products.

Sincerely,  
Irbit Motorworks of America, Inc

## **Instructions for Inspection and/or Replacement of Wheel Bearings**

1. Remove the wheel.
2. Using spanner wrench found in any owners tool kit remove bearing lock ring nut.
3. Remove bearing retainer/adjustment nut.
4. Inspect bearing for proper installation. \*Note: The bearings should be installed with outer race facing out on both sides. When you remove the bearing adjustment nut you should first see the outer race. See diagram bellow.



### **If Wheel Bearings are Installed Correctly**

1. Insure bearings are well packed with grease.
2. Reinstall in proper sequence as shown above.
3. Adjust for proper free play.

### **If Wheel Bearings are NOT Installed Correctly**

1. List on warranty claim form.
2. Request replacement bearings from Irbit Motorworks parts department. \*Note: All parts will be free of charge and shipped by 2<sup>nd</sup> Day Air Service
3. Pack wheel bearings with grease.
4. Reinstall bearings in proper sequence as shown above.
5. Adjust for proper free play.

Repeat this procedure for all wheels on motorcycle including the spare wheel if applicable.

Make	Model	Model Year	VIN
Ural	Raven	2006	X8JMH03706U216704
Ural	Raven	2006	X8JMH03746U216690
Ural	Raven	2006	X8JMH037X6U216709
Ural	Raven	2006	X8JMH03796U216720
Ural	Raven	2006	X8JMH03736U216695
Ural	Raven	2006	X8JMH03736U216714
Ural	Raven	2006	X8JMH03726U216686
Ural	Raven	2006	X8JMH03706U216671
Ural	Raven	2006	X8JMH03746U216687
Ural	Raven	2006	X8JMH03766U216710
Ural	Raven	2006	X8JMH037X6U216712
Ural	Raven	2006	X8JMH03796U216703
Ural	Raven	2006	X8JMH03736U216681
Ural	Tourist	2006	X8JMH03776U216716
Ural	Gear-Up	2006	X8JMH03716U216730
Ural	Raven	2006	X8JMH03756U216729
Ural	Raven	2006	X8JMH03706U216735
Ural	Raven	2006	X8JMH03796U216734
Ural	Raven	2006	X8JMH03786U216627
Ural	Raven	2006	X8JMH03746U216706
Ural	Raven	2006	X8JMH03736U216647
Ural	Raven	2006	X8JMH03786U216692
Ural	Raven	2006	X8JMH03716U216680
Ural	Raven	2006	X8JMH03746U216723
Ural	Raven	2006	X8JMH03746U216673
Ural	Raven	2006	X8JMH03726U216736
Ural	Raven	2006	X8JMH03726U216719
Ural	Raven	2006	X8JMH03766U216724
Ural	Raven	2006	X8JMH03716U216727
Ural	Raven	2006	X8JMH037X6U216726
Ural	Patrol	2006	X8JMH03786U216725
Ural	Patrol	2006	X8JMH037X6U216564
Ural	Gear-Up	2006	X8JMH03736U216731