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13V-507
(4 pages) Amended

PART 573 Defect and Noncompliance Report

On October 4, 2013 Irbit Motorworks of America, Inc decided that a defect which relates to motor vehicle safety exists 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: 10/11/13

Recall code: 13V-507

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Report prepared by:

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_____ Date _____

Vehicle Models Involved in the Recall

Make: Ural **Model Years Involved:** 2012

Models: Gear-up, Patrol, Patrol T, Tourist, Tourist T

Production Dates Beginning: 6/2/12 **Ending:** 10/25/12

Vehicle Type: Ural Motorcycles **Body Style:** Motorcycle with sidecar

This recall includes all 2012 Ural motorcycles with sidecars produced between 6/2/12 and 10/25/12.

Recall Population

<u>Model</u>	<u>Year</u>	<u>Number Potentially Involved</u>
Gear-up	2012	153
Patrol	2012	49
Patrol T	2012	20
Tourist	2012	17
Tourist T	2012	34

Total Number potentially affected by the Recall: 273 units

The recall population was determined by recalling all 2012 sidecar models produced between 6/2/12 and 10/25/12 equipped with aluminum rims that had been manufactured by our supplier during the month of April 2012.

Defect Description

The known defect is specific to aluminum rims provided by our supplier that have a manufactured date of April 2012.

The cause of this defect is poor quality control during the heat treatment process of all aluminum rims manufactured during the month of April 2012 by our supplier. The rims may not have been fully treated for hardness.

Possible consequence of this defect can include wheel cracks, broken and/or split rims, and possible failure resulting in wheel lock up or damage that could possibly lead to vehicle crash.

Chronological Summary

8/7/13 Irbit Motorworks received a warranty claim for the replacement of a cracked aluminum rim. We immediately contacted the dealer requesting more information and any available pictures of the damage. This was the first reported case of this kind and the cause could not be determined by the dealer.

8/12/13 Irbit Motorworks requested the dealer return the defective/damaged aluminum rim for further inspection.

8/19/13 The damaged rim was received by Irbit Motorworks and inspected for any signs of possible misuse or assembly error that could have caused the cracks. No specific causes were noted at this time.

8/23/13 Irbit Motorworks sent the defective rim to the factory supplier for full analysis in an effort to determine the cause of failure.

9/13/13 Irbit Motorworks was contacted by another dealer in regarding a second case of another cracked rim. It was noted at this time the rim was also manufactured during the month of April 2012 by the supplier.

9/19/13 The factory was contacted by the rim manufacture and informed that rims produced during the month of April 2012 may have defects related to improper heat treatment processes.

10/4/13 Jason Rae (Product Support Manager) started filing procedures for recall following guidelines provided by the NHTSA. The technical team provided a repair solution for review.

Remedy

All motorcycles manufactured between 6/2/12 and 10/25/12 will be recalled for inspection of the aluminum rims. Any aluminum rims with a manufactured date of April 2012 will be replaced by the servicing dealer using new inventory provided by Irbit Motorworks.

Recall Schedule

By 10/18/13 Irbit Motorworks will notify all Ural dealers and repair facilities of the recall by mail, e-mail, and the dealer web board update (see attached dealer notification letter). A letter with replacement instructions will be mailed and e-mailed to the dealers to prepare them for the recall.

By 11/29/13 notifications will be mailed to all registered owners concerning this recall (see attached owner notification letter). The owners of the affected motorcycles will be

instructed to contact their local dealer for a service appointment. All parts and labor charges will be covered by warranty; no charges will apply to the customer or dealer for this recall.

Replacement rims will be available for the dealers upon request. Dealers will be required to provide the VIN number prior to replacement parts being sent to verify it is covered by this recall.