

**Part 573 Safety Recall Report****15E-045****Manufacturer Name :** Timken Company**Submission Date :** MAY 28,2015**NHTSA Recall No. :** 15E-045**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Timken Company

Address : 4500 Mount Pleasant St. NW

North Canton OH 44720

Company phone : 2342622649

**Population :**

Number of potentially involved : 576

Estimated percentage with defect : 100

**Equipment Information :**

Brand / Trade : Timken

Model : 510072

Part No. : 510072

Size : NR

Function : NR

Descriptive Information : Automotive Aftermarket front wheel bearing used on Ford Escape, Mazda Tribute, and Mercury Mariner.

Production Dates : JAN 22, 2015 - APR 27, 2015

**Description of Defect :**

Description of the Defect : Product was mismarked. Bearing envelope should be 42mm bore, 78mm OD, 45mm width. Actual bearing mismarked and shipped is 42mm bore, 76mm OD, 39mm width.

Description of the Safety Risk : Even though the bearing would not properly fit into the wheel end, it could be assembled. If assembled, the incorrectly marked bearing will adversely affect braking and steering of the vehicle.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

**Supplier Identification :****Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

**Chronology :**

- April 2, 2015 First customer complaint received (we initially thought that this was mis-packaged product)
- April 9, 2015 Second customer complaint received (we initially thought that this was mis-packaged product)
- May 13, 2015 Third customer complaint received (we now understood that this was a larger issue of mis-marked product)
- May 14, 2015 Timken Engineering determined that although unlikely, the incorrect product could be assembled into a wheel end. If assembled, the incorrectly marked product could adversely affect braking and steering of the vehicle. Note that the probability that someone would install the mis-labeled product is extremely unlikely due to bearing fit issues and the obvious consequences that would result (bearing is loose in the steering knuckle after installation, bearing visual size difference, would not be able to perform vehicle wheel alignment). Note that no bearings have been assembled into a vehicle wheel end to our knowledge.
- May 19, 2015 Filed NHTSA report

**Description of Remedy :**

Description of Remedy Program : Identities of retail purchasers are not known to Timken since the product is sold through distributors and auto-aftermarket retail outlets.

There are 121 distributors and auto-aftermarket retail outlets that potentially received mis-labeled product

Notice to all retail outlets began on May 21, 2015

Product will be returned to Timken via our Returned Goods Authorization process

All recalled product will be replaced, free of charge to retail outlets and to consumers who return product.

How Remedy Component Differs from Recalled Component : Recalled component is mismarked with part number 510072, with bearing envelope of 42mm bore, 76mm OD, 39mm width.

Remedy product is marked correctly with part number 510072, with bearing envelope of 42mm bore, 78mm OD, 45mm width.

Identify How/When Recall Condition was Corrected in Production : Product was incorrectly marked at our supplier.

Electronic bar code system on container baskets has been implemented by our supplier.

**Recall Schedule :**

Description of Recall Schedule : All recalled product will be replaced from inventory or from new supply by Timken's supplier. This will likely take 1-2 months, depending on rate of return.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

**Purchaser Information :**

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : NR

Address : NR  
NR

Country : NR

Company Phone : NR

\* NR - Not Reported