

Part 573 Safety Recall Report

17E-048

Manufacturer Name : Ford Motor Company

Submission Date : AUG 28, 2017

NHTSA Recall No. : 17E-048

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Ford Motor Company

Address : 330 Town Center Drive

Suite 500 Dearborn MI 48126-2738

Company phone : 1-866-436-7332

Population :

Number of potentially involved : 630

Estimated percentage with defect : NR

Equipment Information :

Brand / Trade 1 : Ford Component Sales, LLC

Model : Wheel Hub Bearing

Part No. : HB5Z-1104-C

Size : N/A

Function : N/A

Descriptive Information : 1) Certain wheel hub bearing assemblies were shipped to aftermarket parts resellers Timken and SKF between March 6, 2017 and March 23, 2017, with the incorrect application information for 2011-2017 model year Explorer Front Wheel Drive (FWD) vehicles. This incorrect application information identified the parts as replacements for non-drive axle wheel hubs, but they are designed only for usage on the drive axles. These wheel hubs are not compatible on rear, non-drive axles of FWD vehicles. There is no Ford logo on these wheel hubs.

2) The drive axle hub relies on the halfshaft retaining nut to secure the bearing, while the non-drive axle hub has a roll-formed self-retention feature.

Production Dates : DEC 19, 2016 - FEB 17, 2017

Description of Defect :

Description of the Defect : If a drive axle hub is installed on the rear non-drive axle of a FWD vehicle, the absence of a halfshaft retaining nut will result in the hub having excessive looseness when driven. This may result in grinding or rubbing noise from the brake rotor noise and vibration, wheel wobbling while driving, and/or an ABS malfunction light. If the vehicle continues to be driven in this condition and the caliper or caliper bolts break, the rear wheel could separate from the vehicle.

Ford Component Sales, LLC is not aware of any reports of accident or injury related to this condition.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the vehicle is driven in this condition and the caliper or caliper bolts break, the rear wheel could separate from the vehicle, increasing the risk of a crash.

Description of the Cause : The drive axle wheel hub service part was incorrectly released as a replacement for the non-drive axle wheel hubs.

Identification of Any Warning that can Occur : The customer may notice one or more of the following conditions: grinding or rubbing noise from the brake rotor noise and vibration, wheel wobbling while driving, and/or an ABS malfunction light.

Supplier Identification :

Component Manufacturer

Name : Ford Component Sales, LLC

Address : 290 Town Center Drive
Suite 1000 Dearborn MICHIGAN 48126

Country : United States

Chronology :

On August 15, 2017, Ford's Critical Concerns Review Group (CCRG) was informed that Timken, an aftermarket parts reseller, had submitted a Part 573 defect information report to NHTSA on August 1, 2017 regarding incorrect rear wheel hub service usage. Timken had previously notified Ford Component Sales, LLC (FCS) of a customer concern with an FCS-supplied wheel hub and bearing assembly released for use on the rear, non-drive axle of a two-wheel drive Explorer. The hubs were designed only for usage on drive axles. An investigation by FCS determined that a total of 630 wheel hubs were shipped to aftermarket parts resellers Timken and SKF between March 6, 2017 and March 23, 2017. CCRG confirmed application information had incorrectly identified the parts as replacements for non-drive axle wheel hubs. On August 21, 2017, Ford's Field Review Committee reviewed the concern and approved an action to submit a defect notice to the agency, and to send notification of the defect to Timken and SKF.

Description of Remedy :

Description of Remedy Program : Aftermarket parts resellers Timken and SKF will be notified, clarifying that the hub is to be released only for usage on the front or rear drive axles on these vehicles.

How Remedy Component Differs from Recalled Component : The incorrect rear axle wheel hub for a FWD vehicle has a part number of HB5Z-1104-C. The correct rear axle wheel hub for a FWD vehicle has a part number of BB5Z-1104-A. The parts are sold to aftermarket parts resellers without the Ford logo.

Identify How/When Recall Condition was Corrected in Production : The wheel hubs are not defective. The usage information in the ordering system was incorrect from 12/19/2016 to 02/17/2017.

Recall Schedule :

Description of Recall Schedule : Aftermarket parts resellers Timken and SKF will be notified.
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