

Part 573 Safety Recall Report**15V-359**

Manufacturer Name : Forest River, Inc.
Submission Date : JUN 17,2015
NHTSA Recall No. : 15V-359
Manufacturer Recall No. : 51-05142015-0037

**Manufacturer Information :**

Manufacturer Name : Forest River, Inc.
 Address : 55470 CR 1
 P.O. Box 3030 Elkhart IN 46515-3030
 Company phone : 219-533-5934

Population :

Number of potentially involved : 1,497
 Estimated percentage with defect : 100

Vehicle Information :

Vehicle : 2016-2016 Forest River, Inc. EVO

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : EVO Travel Trailers are recreational vehicles manufactured by Forest River with 3500 pound GAWR axles and 5200 pound GAWR axles.

Production Dates : FEB 20, 2015 - APR 06, 2015

VIN (Vehicle Identification Number) Range

Begin : 4X4TSJZ26FC014181 End : 4X4TSJY20GC014308 Not sequential VINs

Begin : 4X4TSJC25GC014201 End : 4X4TSJJ23GC014376 Not sequential VINs

Begin : 4X4TSJV19GE010001 End : 4X4TSJV14GE010035 Not sequential VINs

Vehicle : 2016-2016 Forest River, Inc. Salem

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Salem Travel Trailers are recreational vehicles manufactured by Forest River with 3500 pound GAWR axles and 5200 pound GAWR axles.

Production Dates : FEB 20, 2015 - APR 06, 2015

VIN (Vehicle Identification Number) Range

Begin : 4X4TSMB2XFC013465 End : 4X4TSMY24GC013521 Not sequential VINs

Begin : 4X4TSMC25GC013485 End : 4X4TSMB28GC013546 Not sequential VINs

Begin : 4X4TSMV10GE020000 End : 4X4TSMV14GE020050 Not sequential VINs

Vehicle : 2016-2016 Forest River, Inc. Sandstorm

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Sandstorm Travel Trailers are recreational vehicles manufactured by Forest River with 3500 pound GAWR axles and 5200 pound GAWR axles.

Production Dates : FEB 20, 2015 - APR 06, 2015

VIN (Vehicle Identification Number) Range

Begin : 4X4TSCT29FC007410

End : 4X4TSCA28GC007449

Not sequential VINs

Vehicle : 2016-2016 Forest River, Inc. Shockwave

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Shockwave Travel Trailers are recreational vehicles manufactured by Forest River with 3500 pound GAWR axles and 5200 pound GAWR axles.

Production Dates : FEB 20, 2015 - APR 06, 2015

VIN (Vehicle Identification Number) Range

Begin : 4X4TSHC25GC002736

End : 4X4TSHZ25GC002792

Not sequential VINs

Vehicle : 2016-2016 Forest River, Inc. Stealth

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Stealth Travel Trailers are recreational vehicles manufactured by Forest River with 3500 pound GAWR axles and 5200 pound GAWR axles.

Production Dates : FEB 20, 2015 - APR 06, 2015

VIN (Vehicle Identification Number) Range

Begin : 4X4TSFU26GC014221

End : 4X4TSFB25GC014391

Not sequential VINs

Vehicle : 2016-2016 Forest River, Inc. Wildwood

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Wildwood Travel Trailers are recreational vehicles manufactured by Forest River with 3500 pound GAWR axles and 5200 pound GAWR axles.

Production Dates : FEB 20, 2015 - APR 06, 2015

VIN (Vehicle Identification Number) Range

Begin : 4X4TWDB28FC044489

End : 4X4TWDB27GC044551

Not sequential VINs

Begin : 4X4TWDC29GC044503

End : 4X4TWDC2XGC044512

Not sequential VINs

Vehicle : 2016-2016 Forest River, Inc. Grey Wolf

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Grey Wolf Travel Trailers are recreational vehicles manufactured by Forest River with 3500 pound GAWR axles and 5200 pound GAWR axles.

Production Dates : FEB 18, 2015 - APR 07, 2015

VIN (Vehicle Identification Number) Range

Begin : 4X4TCKB20GT182204 End : 4X4TCKB2XGT182307 Not sequential VINs

Vehicle : 2016-2016 Forest River, Inc. Salem

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Salem Travel Trailers are recreational vehicles manufactured by Forest River with 3500 pound GAWR axles and 5200 pound GAWR axles.

Production Dates : FEB 18, 2015 - APR 07, 2015

VIN (Vehicle Identification Number) Range

Begin : 4X4TSMB25FT109777 End : 4X4TSMC24GT110001 Not sequential VINs

Vehicle : 2016-2016 Forest River, Inc. Wildcat Maxx

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Wildcat Maxx Travel Trailers are recreational vehicles manufactured by Forest River with 3500 pound GAWR axles and 5200 pound GAWR axles.

Production Dates : FEB 18, 2015 - APR 07, 2015

VIN (Vehicle Identification Number) Range

Begin : 4X4TWCD20GT014900 End : 4X4TWCC21GT015040 Not sequential VINs

Vehicle : 2016-2016 Forest River, Inc. Wildwood

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Wildwood Travel Trailers are recreational vehicles manufactured by Forest River with 3500 pound GAWR axles and 5200 pound GAWR axles.

Production Dates : FEB 18, 2015 - APR 07, 2015

VIN (Vehicle Identification Number) Range

Begin : 4X4TWDV12GE030001 End : 4X4TWDV1XGE030022 Not sequential VINs

Begin : 4X4TWDB2XFT138972 End : 4X4TWDC27GT139058 Not sequential VINs

Vehicle : 2016-2016 Forest River, Inc. Vibe

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Vibe Travel Trailers are recreational vehicles manufactured by Forest River with 3500 pound GAWR axles and 5200 pound GAWR axles.

Production Dates : FEB 20, 2015 - MAR 31, 2015

VIN (Vehicle Identification Number) Range

Begin : 4X4TWDV12GE030001 End : 4X4TWDV1XGE030022 Not sequential VINs

Begin : 4X4TVBD24F9112191 End : 4X4TVBX23G9112261 Not sequential VINs

Vehicle : 2015-2016 Forest River, Inc. R. Pod

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : R Pod Travel Trailers are recreational vehicles manufactured by Forest River with 3500 pound GAWR axles and 5200 pound GAWR axles.

Production Dates : MAR 02, 2015 - MAR 27, 2015

VIN (Vehicle Identification Number) Range

Begin : 4X4TRPT17F2008409 End : 4X4TRPT12F2008530 Not sequential VINs

Vehicle : 2016-2016 Forest River, Inc. Surveyor

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Surveyor Travel Trailers are recreational vehicles manufactured by Forest River with 3500 pound GAWR axles and 5200 pound GAWR axles.

Production Dates : MAR 01, 2015 - MAR 27, 2015

VIN (Vehicle Identification Number) Range

Begin : 4X4TSVV27G2473952 End : 4X4TSVV2XG2474139 Not sequential VINs

Description of Defect :

Description of the Defect : "Broken wheel stud at in-process torque station not representative of improper torque process but rather a suspect process condition due to the location of the failure on the wheel bolt. The stud breakage was under the serrations located on top of the threads." - LCI Statement Forest River is participating in the recall as Lippert Components have filed their own recall to reflect this subject component. However, Forest River will replace the subjected hubs free of charge to the dealership/retail owner . If the axle serial number (on the

sticker on the axle) matches the listed numbers and the hub/stud assembly is manufactured by Tru-Ryde only.

Description of the Safety Risk : "To date all failures have occurred at in-process torque or at PDI torque process station at the OEM. There have been no field failures. To date, there have been 11 total known wheel bolts break of this nature at two OEM's. As a precautionary measure we opted to locate the production date runs and contain to ensure we do not have any problems while awaiting the test results." - LCI Statement Forest River is participating in the recall as Lippert Components have filed their own recall to reflect this subject component. However, Forest River will replace the subjected hubs free of charge to the dealership/retail owner. If the axle serial number (on the sticker on the axle) matches the listed numbers and the hub/stud assembly is manufactured by Tru-Ryde only.

Description of the Cause : "Cause is yet unknown. Samples were received of the broken wheel bolts from customer and sent to Exova Lab. We are awaiting formal results to follow as additional samples were sent to the lab. initial suspicion is embrittlement due to "Tempered Materialistic Embrittlement". - LCI Statement Forest River is participating in the recall as Lippert Components have filed their own recall to reflect this subject component. However, Forest River will replace the subjected hubs free of charge to the dealership/retail owner. If the axle serial number (on the sticker on the axle) matches the listed numbers and the hub/stud assembly is manufactured by Tru-Ryde only.

Identification of Any Warning that can Occur : "No warning until final torque is placed on the nut." - LCI Statement Forest River is participating in the recall as Lippert Components have filed their own recall to reflect this subject component. However, Forest River will replace the subjected hubs free of charge to the dealership/retail owner. If the axle serial number (on the sticker on the axle) matches the listed numbers and the hub/stud assembly is manufactured by Tru-Ryde only.

Supplier Identification :

Component Manufacturer

Name : Lippert Components, Inc.

Address : 27403 College Ave

Goshen INDIANA 46528

Country : United States

Chronology :

"March 25, 2015 - Customer contacted Bruce Bailey, LCI Axle Engineer, with a broken stud on three consecutive units on their line. All three occurrences were on the rear door side of the unit. Pictures were sent to Bruce Bailey. The location of the breakage was different than we would typically see on a cross thread or lug nut issue and all three were on a TRP supplied hub and drum. The decision at that time was to place all product built using the 52141223 through 52141228 Julian Date on the TRP hubs on hold as a precautionary measure while waiting further testing." - LCI Statement Lippert Components have isolated the subject Tru-Ryde Hubs in house inventory to change the hub/stud assembly to a known Axle Tech or the Lippert Component hub/stud assembly that is not affected by this embrittlement.' Forest River conducted our own in house searching of our Warranty Data base using the following terms: Wheel Off, Lug Nut, Hub Stud, Stud Break or Stud Fail. Forest River is participating in the recall as Lippert Components have filed their own recall to reflect this subject component. However, Forest River will replace the subjected hubs free of charge ID the dealership/retail owner. If the axle serial number (on the sticker on the axle) matches the listed numbers and the hub/stud assembly is manufactured by Tru-Ryde only.

Description of Remedy :

Description of Remedy Program : "Lippert Components will replace the hub from another supplier that has no known issues." - LCI Statement Furthermore, Lippert Components have isolated the subject Tru-Ryde Hubs in house inventory ID change the hub/stud assembly to a known Axle Tech or the Lippert Component hub/stud assembly that is not affected by this embrittlement. Forest River is participating in the recall as Lippert Components have filed their own recall ID reflect this subject component. However, Forest River will replace the subjected hubs free of charge to the dealership/retail owner. If the axle serial number (on the sticker on the axle) matches the listed numbers and the hub/stud assembly is manufactured by Tru-Ryde only.

How Remedy Component Differs from Recalled Component : "Placed all TRP supplier 6 lug hub and drums on hold within the Lippert Facility until testing could be completed. If shipment was needed the product was replaced with a different supplier. This issue has not been located in any other supplier's product or past production runs. Testing is underway in our R & D facility. A fixture was designed ID try and repeat the breakage within a controlled environment. Testing is ongoing." - LCI Statement Furthermore, Lippert Components have isolated the subject Tru-Ryde Hubs in house inventory ID change the hub/stud assembly ID a known Axle Tech or the Lippert Component hub/stud assembly that is not affected by this embrittlement. Forest River is participating in the recall as Lippert Components have filed their own recall to reflect this subject component. However, Forest River will replace the subjected hubs free of charge ID the dealership/retail owner. If the axle serial number (on the sticker

on the axle) matches the listed numbers and the hub/stud assembly is manufactured by Tru-Ryde only.

Identify How/When Recall Condition was Corrected in Production : "All hub and drums from TRP were placed on hold, on March 25, 2015." - LCI Statement Furthermore, Lippert Components have isolated the subject Tru-Ryde Hubs in house inventory ID change the hub/stud assembly ID a known Axle Tech or the Lippert Component hub/stud assembly that is not affected by this embrittlement. Forest River is participating in the recall as Lippert Components have filed their own recall ID reflect this subject component. However, Forest River will replace the subjected hubs free of charge to the dealership/retail owner. If the axle serial number (on the sticker on the axle) matches the listed numbers and the hub/stud assembly is manufactured by Tru-Ryde only.

Recall Schedule :

Description of Recall Schedule : Forest River is participating in the recall as Lippert Components have filed a their own recall ID reflect this subject component. However, Forest River will replace the subjected hubs free of charge to the dealership/retail owner. . If the axle serial number (on the sticker on the axle) matches the listed numbers and the hub/stud assembly is manufactured by Tru-Ryde only. However, Forest River is going to start notifications as needed ID Dealers and Owners as provided in the Notification Dates.

Planned Dealer Notification Date : AUG 07, 2015 - AUG 07, 2015

Planned Owner Notification Date : AUG 07, 2015 - AUG 07, 2015

* NR - Not Reported