

Part 573 Safety Recall Report

19V-525

Manufacturer Name : Heartland Recreational Vehicles, LLC**Submission Date :** JUL 12, 2019**NHTSA Recall No. :** 19V-525**Manufacturer Recall No. :** 99.01.47**Manufacturer Information :****Population :**

Manufacturer Name : Heartland Recreational Vehicles, LLC

Number of potentially involved : 5,598

Address : 1001 All Pro Drive

Estimated percentage with defect : 50 %

Elkhart IN 46514

Company phone : 8772628032

Vehicle Information :

Vehicle 1 : 2017-2017 Heartland Bighorn Traveler

Vehicle Type : TRAILERS

Body Style : UNKNOWN

Power Train : NR

Descriptive Information : On 1/1/16 production changed the wire connector that was being used to make the A/C connection. Products that are not included in the recall used a different electrical connector .

Production Dates : JUN 30, 2016 - NOV 29, 2016

VIN Range 1 : Begin : 5SFBG352XHE328196 End : 5SFBG422XHE340200 Not sequential

Vehicle 2 : 2016-2020 Heartland Elkridge

Vehicle Type : TRAILERS

Body Style : UNKNOWN

Power Train : NR

Descriptive Information : On 1/1/16 production changed the wire connector that was being used to make the A/C connection. Products that are not included in the recall used a different electrical connector .

Production Dates : JAN 14, 2016 - JUL 08, 2019

VIN Range 1 : Begin : 5SFRG2726GE315921 End : 5SFRG3225LE424197 Not sequential

Vehicle 3 : 2016-2020 Heartland Elkridge EX

Vehicle Type : TRAILERS

Body Style : UNKNOWN

Power Train : NR

Descriptive Information : On 1/1/16 production changed the wire connector that was being used to make the A/C connection. Products that are not included in the recall used a different electrical connector .

Production Dates : JAN 14, 2016 - JUL 08, 2019

VIN Range 1 : Begin : 5SFRG2726GE315921 End : 5SFRG3225LE424197 Not sequential

Vehicle 4 : 2019-2020 Heartland Milestone

Vehicle Type : TRAILERS

Body Style : UNKNOWN

Power Train : NR

Descriptive Information : On 1/1/16 production changed the wire connector that was being used to make the A/C connection. Products that are not included in the recall used a different electrical connector .

Production Dates : SEP 11, 2018 - JUL 15, 2019

VIN Range 1 : Begin : 5SFMG4220KE396601 End : 5SFMG4225LE424670 Not sequential

Vehicle 5 : 2017-2018 Heartland North Peak

Vehicle Type : TRAILERS

Body Style : UNKNOWN

Power Train : NR

Descriptive Information : On 1/1/16 production changed the wire connector that was being used to make the A/C connection. Products that are not included in the recall used a different electrical connector .

Production Dates : FEB 03, 2017 - MAR 21, 2017

VIN Range 1 : Begin : 5SFSG3422HE345219 End : 5SFSG3221JE349657 Not sequential

Vehicle 6 : 2016-2017 Heartland Oakmont

Vehicle Type : TRAILERS

Body Style : UNKNOWN

Power Train : NR

Descriptive Information : On 1/1/16 production changed the wire connector that was being used to make the A/C connection. Products that are not included in the recall used a different electrical connector .

Production Dates : JAN 15, 2016 - JUN 15, 2016

VIN Range 1 : Begin : 5SFBG4327GE316577 End : 5SFBG372XHE329345 Not sequential

Vehicle 7 : 2017-2020 Heartland Pioneer FW

Vehicle Type : TRAILERS

Body Style : UNKNOWN

Power Train : NR

Descriptive Information : On 1/1/16 production changed the wire connector that was being used to make the A/C connection. Products that are not included in the recall used a different electrical connector .

Production Dates : DEC 22, 2016 - JUL 09, 2019

VIN Range 1 : Begin : 5SFPG3229HE341998 End : 5SFRG3028LE423497 Not sequential

Vehicle 8 : 2016-2018 Heartland Prowler FW

Vehicle Type : TRAILERS
Body Style : UNKNOWN
Power Train : NR

Descriptive Information : On 1/1/16 production changed the wire connector that was being used to make the A/C connection. Products that are not included in the recall used a different electrical connector .

Production Dates : JAN 28, 2016 - JAN 31, 2018

VIN Range 1 : Begin : 5SFRG2727GE317368 End : 5SFRG3822JE382012 Not sequential

Vehicle 9 : 2017-2019 Heartland Sundance
Vehicle Type : TRAILERS
Body Style : UNKNOWN
Power Train : NR

Descriptive Information : On 1/1/16 production changed the wire connector that was being used to make the A/C connection. Products that are not included in the recall used a different electrical connector .

Production Dates : FEB 07, 2017 - MAY 22, 2018

VIN Range 1 : Begin : 5SFSG3621HE343913 End : 5SFSG3823KE394088 Not sequential

Vehicle 10 : 2017-2019 Heartland Sundance XLTFW
Vehicle Type : TRAILERS
Body Style : UNKNOWN
Power Train : NR

Descriptive Information : On 1/1/16 production changed the wire connector that was being used to make the A/C connection. Products that are not included in the recall used a different electrical connector .

Production Dates : JAN 25, 2017 - MAY 31, 2018

VIN Range 1 : Begin : 5SFSG3426HE343019 End : 5SFSG3420KE394104 Not sequential

Description of Defect :

Description of the Defect : n certain fifth wheel trailers the electrical connection for the air conditioning units may not be done properly. The electrical connector may not be crimped as specified. This could allow resistance and heat to build up in the connection and cause a failure which could result in property damage, personal injury, and/or death.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : resistance in the wire connection could lead to excessive heating of the wire, this resistance could lead to potential for fire.

Description of the Cause : Electrical connectors may not have been properly installed and as a result can cause the wires to have an excess build up of resistance.

Identification of Any Warning that can Occur : The A/C may stop running correctly or altogether. You may be able to see or smell smoke coming from the A/C.

Supplier Identification :

Component Manufacturer

Name : NR
Address : NR
NR
Country : NR

Chronology :

On 5/15/19 I received an incident report about VIN- 351695. This unit had a fire in the A/C inside of the electrical box. I ran a scope of units built in this plant (7b) and found 7 units with the same issues causing smoldering or fire inside of the A/C electrical box. The 110v wire and the 12v wire were being crimped into a CE551R bell cap. We know this issue is contained to plant 7b because they were using the bell caps and all other plants use wire nuts wrapped in black tape. There is a specific tool that is supposed to be used when crimping. The tool was provided but was not always used when crimping this connection. The plant stopped using this bell cap and has started using the wire nuts and tape around 1 year ago but I do not have an exact date of the change. I completed a FRC analysis back to 2016 and the seven units included have a DOM range of 4/26/16-12/04/17.

Description of Remedy :

Description of Remedy Program : will be to replace the bell caps with yellow twist on wire nuts and than wrapped with black electrical tape.

How Remedy Component Differs from Recalled Component : Yellow electrical wire nuts will be used and then wrapped in black tape. This component is the standard connector for electrical connections.

Identify How/When Recall Condition was Corrected in Production : The production plant switched over to the yellow wire connectors approximately 1 year ago.

Recall Schedule :

Description of Recall Schedule : Letters will be sent out once we complete the full data search.

Planned Dealer Notification Date : SEP 06, 2019 - SEP 06, 2019

Planned Owner Notification Date : SEP 06, 2019 - SEP 06, 2019

* NR - Not Reported