

# Part 573 Safety Recall Report

## 21V-428

**Manufacturer Name :** Heartland Recreational Vehicles, LLC

**Submission Date :** DEC 16, 2021

**NHTSA Recall No. :** 21V-428

**Manufacturer Recall No. :** NR



### Manufacturer Information :

### Population :

Manufacturer Name : Heartland Recreational Vehicles, LLC

Number of potentially involved : 22,326

Address : 1001 All Pro Drive

Estimated percentage with defect : 2 %

Elkhart IN 46514

Company phone : 8772628032

### Vehicle Information :

Vehicle 1 : 2018-2021 Heartland Idaho Mallard

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Units that were manufactured with propane regulators by Chen Fong with date codes N 17 XX, N 18 XX, N 19 XX.and N 20 XX

Production Dates : MAY 19, 2017 - MAY 26, 2021

VIN Range 1 : Begin : 5SFNB3629JN355180 End : 5SFNB312XMN475145 ☒ Not sequential

Vehicle 2 : 2021-2021 Heartland Idaho North Trail

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Units that were manufactured with propane regulators by Chen Fong with date codes N 17 XX, N 18 XX , N 19 XX.and N 20 XX

Production Dates : OCT 27, 2020 - MAY 27, 2021

VIN Range 1 : Begin : 5SFNB2620MN457188 End : 5SFNB322XMN475161 ☒ Not sequential

Vehicle 3 : 2018-2021 Heartland Idaho Shadow Cruiser

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Units that were manufactured with propane regulators by Chen Fong with date codes N 17 XX, N 18 XX, N 19 XX and N 20 XX.

Production Dates : MAY 01, 2017 - MAY 27, 2021

VIN Range 1 : Begin : 5RXDB342XJN355333 End : 5RXDB312XMN475660 ☒ Not sequential

Vehicle 4 : 2018-2021 Heartland Idaho Sundance XLTTT

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Units that were manufactured with propane regulators by Chen Fong with date codes N 17 XX, N 18 XX, N 19 XX and N 20 XX.

Production Dates : MAY 03, 2017 - MAY 27, 2021

VIN Range 1 : Begin : 5SFNB3127JN354133 End : 5SFSB2229MN475665 ☒ Not sequential

Vehicle 5 : 2018-2021 Heartland Idaho Wilderness

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Units that were manufactured with propane regulators by Chen Fong with date codes N 17 XX, N 18 XX, N 19 XX and N 20 XX.

Production Dates : MAY 25, 2017 - NOV 12, 2020

VIN Range 1 : Begin : 5SFNB302XJN356203 End : 5SFNB3223MN454975 ☒ Not sequential

Vehicle 6 : 2020-2021 Heartland Lithium

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Units that were manufactured with propane regulators by Chen Fong with date codes N 17 XX, N 18 XX, N 19 XX and N 20 XX.

Production Dates : NOV 15, 2019 - MAR 16, 2020

VIN Range 1 : Begin : 5SFCB2922LE433850 End : 5SFCB2929ME439890 ☒ Not sequential

Vehicle 7 : 2018-2019 Heartland Pioneer

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Units that were manufactured with propane regulators by Chen Fong with date codes N 17 XX, N 18 XX, N 19 XX, and N 20 XX.

Production Dates : JUN 01, 2017 - NOV 16, 2018

VIN Range 1 : Begin : 5SFPB2210JE358131 End : 5SFPB322XKE409845 ☒ Not sequential

Vehicle 8 : 2018-2021 Heartland Prowler

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Units that were manufactured with propane regulators by Chen Fong with date codes N 17 XX, N 18 XX, N 19 XX and N 20 XX

Production Dates : JUN 01, 2017 - MAR 18, 2020

VIN Range 1 : Begin : 5SFPB2621JE358092 End : 5SFPB282XME440131 ☒ Not sequential

Vehicle 9 : 2018-2019 Heartland Terry Classic

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Units that were manufactured with propane regulators by Chen Fong with date codes N 17 XX, N 18 XX, N 19 XX and N 20 XX

Production Dates : JUL 26, 2017 - MAY 02, 2018

VIN Range 1 : Begin : 5SFEB2211JE363801 End : 5SFEB2213KE392329 ☒ Not sequential

Vehicle 10 : 2018-2021 Heartland Trail Runner

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Units that were manufactured with propane regulators by Chen Fong with date codes N 17 XX, N 18 XX, N 19 XX and N 20 XX.

Production Dates : JUN 05, 2017 - MAR 06, 2020

VIN Range 1 : Begin : 5SFEB2920JE358345 End : 5SFEB2925ME439359 ☒ Not sequential

### Description of Defect :

Description of the Defect : The two stage propane regulator installed on the recreational vehicles may supply elevated, intermittent or low propane pressure to the appliances.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : An increase in propane pressure, could cause the flame of the appliance to become larger, and under certain rare circumstances, may ignite adjacent materials resulting in a fire. Appliances that can be effected by an excessive flame are the stovetop, oven, hot water heater, furnace and refrigerator. An increase in propane pressure would also cause the regulator to vent propane continuously through the pressure relief valve. In an enclosed area or under certain conditions, the vented propane could accumulate at the front of the recreational vehicle and if ignited could result in a fire or explosion.

**Description of the Cause :** The second stage valve seat of the regulator can fail to regulate propane flow and pressure in two different ways. First, the second stage valve seat in the regulator has an inadequate mechanical lock, resulting in seal migration. Once out of position, the valve seal will not properly regulate propane flow and pressure to the recreational vehicle appliances. Second, the rubber hoses (pigtails) that connect the onboard propane cylinders to the regulator release a plasticizer which is a liquid that collects in the body of the regulator. When in contact with the plasticizer, the physical properties of the second stage valve seal can change making it easier to degrade during use and easier to migrate out of position.

**Identification of Any Warning that can Occur :** Irregular performance from the recreational vehicle appliances may be an indicator that the propane regulator is experiencing the safety defect. The smell of propane may be present at the regulator, which would indicate the regulator is venting due to high pressure.

### Involved Components :

**Component Name 1 :** Winntec 2 Stage Propane Regulator

**Component Description :** Propane Regulator with supply hoses

**Component Part Number :** Model 6020

### Supplier Identification :

#### Component Manufacturer

**Name :** UFP Distribution

**Address :** 2701 Ada Dr  
Elkhart Indiana 46514

**Country :** United States

### Chronology :

See attached document

### Description of Remedy :

Description of Remedy Program : The remedy will be to inspect the regulator and replace if required. If the regulator is replaced, a drop test on the propane system will be performed. This will be done at no cost to the owner. All reimbursements will be covered by Heartland's general reimbursement plan.

How Remedy Component Differs from Recalled Component : Under Investigation

Identify How/When Recall Condition was Corrected in Production : Under Investigation

### Recall Schedule :

Description of Recall Schedule : Heartland will notify the dealers and owners of these recreational vehicles by letter. A final copy of the owner letter and dealer repair instructions will be provided to NHTSA.

Planned Dealer Notification Date : AUG 04, 2021 - AUG 04, 2021

Planned Owner Notification Date : AUG 04, 2021 - AUG 04, 2021

\* NR - Not Reported