

# Part 573 Safety Recall Report

# 21V-428

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

**Submission Date :** JUN 04, 2021

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

**Manufacturer Recall No. :** NR



## Manufacturer Information :

## Population :

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

**Number of potentially involved :** 20,000

**Address :** 1001 All Pro Drive

**Estimated percentage with defect :** 2 %

**Elkhart IN 46514**

**Company phone :** 8772628032

## Vehicle Information :

**Vehicle 1 :** 2018-2020 Heartland Heartland

**Vehicle Type :**

**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 and N 19 XX.

**Production Dates :** JUN 01, 2017 - JUN 01, 2020

**VIN Range 1 : Begin :**

NR

**End :** NR

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.

**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 (pigtailes) 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 replace the regulator and perform a drop test on the propane system after replacement. This replacement will be done at no cost to the owner.

**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