

Part 573 Safety Recall Report

21V-686

Manufacturer Name : Highland Ridge RV

Submission Date : SEP 02, 2021

NHTSA Recall No. : 21V-686

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Highland Ridge RV

Address : 955 Tuscany Drive

Shipshewana IN 46565

Company phone : 260-768-7771

Population :

Number of potentially involved : 500

Estimated percentage with defect : 2 %

Vehicle Information :

Vehicle 1 : 2017-2021 HIGHLAND RIDGE See model list attached

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 : APR 03, 2017 - AUG 31, 2021

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : Certain Winntec model 6020 two stage propane regulators 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 : Certain Winntec model 6020 two stage propane regulators, contain a second stage valve seat that 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,

Identification of Any Warning
that can Occur :

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.

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 : DEHCO INC

Address : 58236 Charlotte Ave
ELKHART Indiana 46517

Country : United States

Chronology :

See Attached.

Description of Remedy :

Description of Remedy Program : Units affected by this recall will have the Winntec Model #6020 LP Regulator removed and replaced with either a Fairview Model #GR994 or a YSN Imports Model #ACR2. Once the LP Regulator is replaced, Dealers will be required to perform industry standard LP System validation. Requirements include leak detection, timed pressure drop test and a regulator lock out test. This replacement will be done at no cost to the owner.

How Remedy Component Differs from Recalled Component : Remedy component is a different brand.

Identify How/When Recall Condition was Corrected in Production : Production changing to a different brand LP regulator.

Recall Schedule :

Description of Recall Schedule : Describe the recall schedule for notifications.: Jayco 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 : NOV 01, 2021 - NOV 01, 2021

Planned Owner Notification Date : NOV 01, 2021 - NOV 01, 2021

* NR - Not Reported