

Part 573 Safety Recall Report

21V-427

Manufacturer Name : Keystone RV Company

Submission Date : JUL 09, 2021

NHTSA Recall No. : 21V-427

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Keystone RV Company

Address : PO Box 2000
2642 Hackberry Drive Goshen IN
46527

Company phone : 574-535-2100

Population :

Number of potentially involved : 80,000

Estimated percentage with defect : 2 %

Vehicle Information :

Vehicle 1 : 2019-2019 Keystone Bullet

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Units that were manufactured with propane regulators by Winntec with date codes 18 41.

Production Dates : NOV 01, 2017 - NOV 29, 2019

VIN Range 1 : Begin : NR

End : NR

☐ Not sequential

Vehicle 2 : 2020-2020 Keystone Hideout

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Units were manufactured with propane regulators by Winntec with date codes 18 41.

Production Dates : JUL 08, 2019 - JUL 31, 2019

VIN Range 1 : Begin : NR

End : NR

☐ Not sequential

Vehicle 3 : 2019-2019 Keystone Sprinter

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Units were manufactured with propane regulators by Winntec with date codes 18 34.

Production Dates : JAN 14, 2019 - FEB 15, 2019

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. 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 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 : Keystone 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