Part 573 Safety Recall Report

Manufacturer Name :	Highland Ridge RV
Submission Date :	JUN 04, 2021
NHTSA Recall No. :	21V-430
Manufacturer Recall No. :	NR

Manufacturer Information :

Manufacturer Name : Highland Ridge RV Address : 955 Tuscany Drive Shipshewana IN 46565 Company phone : 260-768-7771

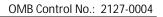
Vehicle Information :

Vehicle 1:	2019-2021 HIGHLAND	RIDGE HIGHLAND F	RIDGE	
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 and N 19 XX.			
Production Dates :	JUN 13, 2018 - JUL 02, 2	2020		
VIN Range 1:	Begin : NR	End: NR		ot sequential

Population :

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.
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, the valve seal will not properly regulate propane flow and pressure to the recreational vehicle appliances. Second, the rubber hoses (pigtails) that







Number of potentially involved : 3,700 Estimated percentage with defect : 2 %

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	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.
volved Components :	
Component Name 1 : V	Vinntec 2 Stage Propane Regulator
Component Description : P	Propane Regulator with supply hoses
Component Port Number .	
	Aodel 6020
upplier Identification : Component Manufacturer Name : Dehco Inc Address : 58236 Charlotte A	ve
Component Manufacturer Name : Dehco Inc Address : 58236 Charlotte Av ELKHART Indiana	ve
Supplier Identification : Component Manufacturer Name : Dehco Inc Address : 58236 Charlotte A	ve
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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 :	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 :	AUG 03, 2021 - AUG 03, 2021
Planned Owner Notification Date :	AUG 03, 2021 - AUG 03, 2021

* NR - Not Reported

The information contained in this report was submitted pursuant to 49 CFR \$573