

Part 573 Safety Recall Report

22V-026

Manufacturer Name : Trails West Manufacturing of Idaho, Inc.

Submission Date : MAR 02, 2022

NHTSA Recall No. : 22V-026

Manufacturer Recall No. : NR



Manufacturer Information :

Population :

Manufacturer Name : Trails West Manufacturing of Idaho, Inc.

Number of potentially involved : 506

Address : 65 North 800 East

Estimated percentage with defect : 2 %

PO Box 67 Preston ID 83263

Company phone : 208 852 2200

Vehicle Information :

Vehicle 1 : 2017-2021 Trails West 2017 -2021 Sierra, Classic, Santa Fe and Freeride

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 : JAN 17, 2017 - DEC 30, 2020

VIN Range 1 : Begin : 49SH74229HP070242 **End :** 49SV73726MP074068 Not sequential

Description of Defect :

Description of the Defect : Certain Winntec model 6020 two stage propane regulators installed on Living Quarter Horse trailers and Freeride recreational vehicles may supply elevated, intermittent or low propane pressure to 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 flames are Stovetop, oven, 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 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 two stage propane regulator

Component Description : Propane regulator with supply hoses

Component Part Number : Model 6020

Supplier Identification :

Component Manufacturer

Name : Decho Inc.

Address : 58236 Charlotte Ave.
Elkhart 46517

Country : NR

Chronology :

To date we have had one report of a failed winntec model 6020 two stage regulator. The failure was on 9/17/2021 this resulted in the refrigerator in a Freeride model catching fire. This trailer has been returned to our facility and has been inspected by representative of both the refrigerator manufacture (Dometic) and the LP gas regulator manufacture (winntec). It was determined by their inspection that the Winntec LP regulator was over pressuring the appliances installed in the trailer.

Description of Remedy :

Description of Remedy Program : Units affected by this recall will have the Winntec model 6020 LP Regulator removed and replaced with Cavagna Model 924N regulator. Once the regulator is replaced, dealer will be required to preform the 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 : The remedy component is a different brand.

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

Recall Schedule :

Description of Recall Schedule : Trails West Manufacturing of Idaho will notify the Dealer and the Owners of these Trailers by letter.

Planned Dealer Notification Date : JAN 28, 2022 - NR

Planned Owner Notification Date : JAN 28, 2022 - NR

* NR - Not Reported