

Part 573 Safety Recall Report

21E-081

Manufacturer Name : Deking Corporation Co. Ltd.

Submission Date : DEC 02, 2021

NHTSA Recall No. : 21E-081

Manufacturer Recall No. : NR



Manufacturer Information :

Population :

Manufacturer Name : Deking Corporation Co. Ltd.

Number of potentially involved : 409,000

Address : Hi-Tech Industrial Development Zone,
Zhao Qing Guang Dong, 00 526238

Estimated percentage with defect : NR

Company phone : 758-3649801

Equipment Information :

Brand / Trade 1 : Winntec and WIC

Model : Model 6020 LP changeover regulators

Part No. : 6020

Size : NR

Function : NR

Descriptive Information : Model 6020 LP changeover regulators (“Model 6020 regulators”) manufactured by Deking Corporation Co. Ltd. (“Deking”) (sold under the Winntec or WIC brand), are used as original equipment in recreational vehicles (“RV”) produced by various manufacturers (see the lists of RV manufacturers submitted previously). Following thermal events in its RVs, on May 26, 2021, Grand Design RV, LLC (“Grand Design”), submitted a defect information report (“DIR”) in which it asserted that those thermal events were due to over-pressure caused by failures of Model 6020 regulators. See Recall No. 21V-393. In DIRs submitted on June 4, 2021, several other RV manufacturers made similar assertions. See, e.g., Recall No. 21V-425. Although it has not identified a safety-related defect in the Model 6020 regulators, Deking is submitting this report in accordance with NHTSA’s request that it do so pursuant to 49 CFR § 573.3(f).

NHTSA’s template for DIRs requires the submitter to identify beginning and end production dates for the items of equipment covered by the report and to explain the basis for its selection of those dates. The RV manufacturers who submitted DIRs on June 4, 2021 have recalled vehicles “that were manufactured with propane regulators by Chen Fong with date codes N 17 XX, N 18 XX and N 19 XX.” (Deking is affiliated with Chen Fong.) These are the only original equipment Model 6020 regulators alleged to be defective by more than one vehicle manufacturer. For that reason, for purposes of this report, Deking has conservatively specified January 1, 2017 as the beginning production date and December 31, 2019 as the end date.

Production Dates : JAN 01, 2017 - DEC 31, 2019

Description of Defect :

Description of the Defect : Grand Design and several other RV manufacturers have asserted that certain thermal events in their RVs were caused by a defect in the Model 6020 regulators. However, Deking disagrees with those assertions, and it has not identified a safety-related defect in those regulators.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If RV and refrigerator designs and/or installations allow hot exhaust gases to come in contact with combustible components in the refrigerator chase, rather than venting the exhaust gases directly to the exterior of the RV, a thermal event may result.

Description of the Cause : Depending upon the RV and refrigerator design--specifically, the manner and location in which refrigerators are installed and exhaust gases are vented--hot exhaust gases may come into contact with combustible materials. If that occurs, there is a potential for a thermal event.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

May 26, 2021: Grand Design submitted a Part 573 defect information report identifying a safety defect in certain of its RVs equipped with Model 6020 regulators. See Recall 21V-393.

June 4, 2011: Several affiliated RV manufacturers submitted similar defect information reports in which they identified a safety defect in certain of their RVs equipped with Model 6020 regulators. See, e.g., Recall No. 21V-425.

June 8, 2021: Deking representatives met virtually with NHTSA officials to discuss issues related to the pending RV recalls.

June 23 and early July 2021: At Deking's request, the two companies that import the Model 6020 regulators for use as original equipment in RVs provided lists of their OEM customers to ODI.

July 2 and July 14, 2021: Deking submitted engineering reports to NHTSA that explained and supported the company's views regarding the causes of the RV thermal events.

July 30, 2021: Deking representatives met virtually with NHTSA officials to discuss the results of Deking's investigations and analyses of relevant issues and its inspections of several RVs that had experienced a thermal event.

July and August 2021: Deking representatives submitted additional information to ODI regarding the inspections of RVs that Deking had conducted.

August 4, 2021: A Deking representative and NHTSA staff discussed NHTSA's interpretation of 49 CFR 573.3(f) and the agency's request that the company provide a report under that section.

August 13, 2021: Although Deking has not identified a safety defect in the Model 6020 regulators, it informed NHTSA staff that it would submit a Part 573 report as requested.

Description of Remedy :

Description of Remedy Program : The remedy program, if any, will be determined by each vehicle manufacturer that decides that a safety-related defect exists in their U.S. vehicles.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : NR

Address : NR

NR

Country : NR

Company Phone : NR

* NR - Not Reported