

Part 573 Safety Recall Report

20E-071

Manufacturer Name : Dometic Corporation

Submission Date : SEP 24, 2020

NHTSA Recall No. : 20E-071

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Dometic Corporation

Address : 5155 Verdant Dr.

Elkhart IN 46516

Company phone : 574-293-0681

Population :

Number of potentially involved : 47,159

Estimated percentage with defect : 100 %

Equipment Information :

Brand / Trade 1 : Dometic Corporation

Model : R1731 with suffixes BBPFBO, BBPCMO, BBPFBR, BBPFMO, BDICMO, BSPCMO, BSPCMR, BSPFBO, BSPFBR, BSPFMO, BSPFMR, SLICMO, SSPCMO, SSPFBO, SSPFBR, SSPFMO, AND SSPFMR R2131 with suffixes BBPFBO, BBPCMO, BSPCBO, BSPCMO, BSPFBO, BSPFMO, BSPFMR, SSPCMO, SSPFMO, S31

Part No. : S31,R1731,R2131

Size : 3 burner Cooking Stoves

Function : Gas Stove

Descriptive Information : Dometic became aware of warranty leak claims in May of 2020 and began an investigation to determine if leaks were being caused by a defect that had not enunciated from 2018 until 2020. Dometic also reviewed the manufacturing processes in both the initial subcomponent factory that builds the manifold and saddle valve assembly and the finished goods assembly factory in Greenbrier, TN. During that initial investigation Dometic was only aware of one OEM that filed warranty leak claims and it was determined from facts gained during evaluation through August, 2020 that these claims were being caused by field tampering of the stoves at installation or by the end user.

In Late August and early September 2020 Dometic became aware of three additional OEM's experiencing "gas smell" claims; Dometic had also been contacted by an RV leasing company that had experienced "gas smell" claims, and actually had observed the ignition incident previously noted. As of the date of this filing there have been 49 claims of possible valve leakage in these products. A Safety Escalation Meeting was held on September 17th identifying the claims that have arisen, and although the facts have led to the findings that the leaks are largely due to field tampering, Dometic decided to file a Potential Defect Notification Report to NHTSA for the manifold and gas saddle valves for the R1731, R2131 and S31 series stoves.

Dometic has not determined the cause of these leaks but is continuing to gather facts on the potential defect and will forward additional relevant information as it becomes available.

Production Dates : MAY 01, 2018 - JUL 09, 2020

Description of Defect :

Description of the Defect : The defect enunciation can occur in a mobile environment, such as a recreational vehicle or marine vessel, when, generally after an install or usage period of 3-6 months, the installer, occupant, or user of the appliance smells gas and apparently attempts to tighten the securement bolts that hold one or more of the stove saddle valves in place and sealed to the manifold. This action may result in the overtightening of the securement bolt for the saddle valve which may cause damage to the o-ring seal between the saddle valve and the manifold resulting in a continuous gas leak that is readily detectable from the smell.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The overtightening of the saddle valve securement bolt onto the manifold of the stove may cause a gas leak which may ignite and cause a fire. Dometic has had one instance of ignition and damage to the piezo igniter and one control knob, although the ignition was contained within the stove enclosure. There has been no damage to adjacent or surrounding combustible materials.

Description of the Cause : Dometic has not determined the cause of these leaks but is continuing to gather facts on the potential defect and will forward additional relevant information as it becomes available. Please read the uploaded Defect Notification that accompanies this Web notification.

Identification of Any Warning that can Occur : The smell gas fumes are indicative of the identified leak.

Involved Components :

Component Name : Saddle valve and Manifold

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : Seven Universe

Address : NR

Ningbo FOREIGN STATES

Country : China

Chronology :

NR

Description of Remedy :

Description of Remedy Program : Dometic has NOT yet identified a proposed remedy or remedies designed to mitigate the defect but will advise NHTSA of such remedy or remedies at the time they are identified. Dometic will further initiate a remedy campaign on the R1731, R21231 and S31 recreational vehicle stoves and will participate in remedy campaigns for the R1731, R2131 and S31 products launched by Original Equipment Manufacturers who have purchased, sold and distributed these products.

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