

Part 573 Safety Recall Report

19E-024

Manufacturer Name : Natural Gas Fuel Systems, Inc.

Submission Date : JUL 30, 2019

NHTSA Recall No. : 19E-024

Manufacturer Recall No. : NR



Manufacturer Information :

Population :

Manufacturer Name : Natural Gas Fuel Systems, Inc.

Number of potentially involved : 130

Address : 555 IH-35 South, Suite 500

Estimated percentage with defect : 1 %

New Braunfels TX 78130

Company phone : 302-5200

Equipment Information :

Brand / Trade 1 : Momentum

Model : 90 DGE SM

Part No. : N/A

Size : NR

Function : CNG Fuel System

Descriptive Information : CNG fuel systems equipped with certain 26-inch diameter fuel cylinders and installed on heavy and medium-duty vehicles. The recall population was determined with reference to serial numbers on the fuel cylinders.

Production Dates : JUN 01, 2018 - DEC 21, 2018

Brand / Trade 2 : Momentum

Model : 115 DGE TM

Part No. : N/A

Size : NR

Function : CNG Fuel System

Descriptive Information : CNG fuel systems equipped with certain 26-inch diameter fuel cylinders and installed on heavy and medium-duty vehicles. The recall population was determined with reference to serial numbers on the fuel cylinders.

Production Dates : JUN 01, 2018 - DEC 21, 2018

Brand / Trade 3 : Momentum

Model : 113 DGE TM

Part No. : N/A

Size : NR

Function : CNG Fuel System

Descriptive Information : CNG fuel systems equipped with certain 26-inch diameter fuel cylinders and installed on heavy and medium-duty vehicles. The recall population was determined with reference to serial numbers on the fuel cylinders.

Production Dates : JUN 01, 2018 - DEC 21, 2018

Brand / Trade 4 : Momentum

Model : 75 DGE TM

Part No. : N/A

Size : NR

Function : CNG Fuel System

Descriptive Information : CNG fuel systems equipped with certain 26-inch diameter fuel cylinders and installed on heavy and medium-duty vehicles. The recall population was determined with reference to serial numbers on the fuel cylinders.

Production Dates : JUN 01, 2018 - DEC 21, 2018

Brand / Trade 5 : Momentum

Model : 93 DGE TM

Part No. : N/A

Size : NR

Function : CNG Fuel System

Descriptive Information : CNG fuel systems equipped with certain 26-inch diameter fuel cylinders and installed on heavy and medium-duty vehicles. The recall population was determined with reference to serial numbers on the fuel cylinders.

Production Dates : JUN 01, 2018 - DEC 21, 2018

Brand / Trade 6 : Momentum

Model : 80 DGE SM

Part No. : N/A

Size : NR

Function : CNG Fuel System

Descriptive Information : CNG fuel systems equipped with certain 26-inch diameter fuel cylinders and installed on heavy and medium-duty vehicles. The recall population was determined with reference to serial numbers on the fuel cylinders.

Production Dates : JUN 01, 2018 - DEC 21, 2018

Brand / Trade 7 : Momentum

Model : 75 DGE BOC

Part No. : N/A

Size : NR

Function : CNG Fuel System

Descriptive Information : CNG fuel systems equipped with certain 26-inch diameter fuel cylinders and installed on heavy and medium-duty vehicles. The recall population was determined with reference to serial numbers on the fuel cylinders.

Production Dates : JUN 01, 2018 - DEC 21, 2018

Brand / Trade 8 : Momentum

Model : 45 DGE SM

Part No. : N/A

Size : NR

Function : CNG Fuel System

Descriptive Information : CNG fuel systems equipped with certain 26-inch diameter fuel cylinders and installed on heavy and medium-duty vehicles. The recall population was determined with reference to serial numbers on the fuel cylinders.

Production Dates : JUN 01, 2018 - DEC 21, 2018

Brand / Trade 9 : Momentum

Model : 115 DGE BOC

Part No. : N/A

Size : NR

Function : CNG Fuel System

Descriptive Information : CNG fuel systems equipped with 26-inch diameter fuel cylinders and installed on heavy and medium-duty vehicles. The recall population was determined with reference to serial numbers on the fuel cylinders.

Production Dates : JUN 01, 2018 - DEC 21, 2018

Description of Defect :

Description of the Defect : Possible defect in the CNG cylinders, which may lead to a rupture.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Component failure could cause sudden and violent cylinder rupture, which could result in personal injury or death.

Description of the Cause : The root cause is still being investigated.

Identification of Any Warning that can Occur : A cylinder leak may or may not be observed audibly or visibly, and depending on the ambient conditions.

Supplier Identification :

Component Manufacturer

Name : NR
Address : NR
NR
Country : United States

Chronology :

On December 21, 2018, Momentum learned of an incident in Bakersfield CA in which a fuel cylinder in a Momentum CNG fuel system appeared to rupture during fueling at a CNG station. Momentum immediately began investigating the scene and obtaining evidence in an effort to determine the cause.

On January 3 and January 27 - 28, 2019, Momentum participated in scene inspections and inspections of evidence recovered from the accident scene, including portions of the ruptured cylinder and system and another Momentum system assembled and installed at approximately the same time.

Between February 13 and 16, 2019, Momentum received information regarding leaks in 26-inch diameter cylinders sourced from the same supplier. Momentum subsequently observed that one of the leaks appears to have been in the same area of the cylinder as where the December 21 incident cylinder ruptured.

Momentum continued to engage the supplier of the subject fuel cylinders seeking additional information to assist in Momentum's root cause investigation. To date, Momentum has not been able to identify a specific defect in the fuel cylinders, but Momentum decided on March 4, 2019 that, based on available information, the safest course of action would be to institute a recall of Momentum fuel systems equipped with the subject 26-inch diameter cylinders.

Description of Remedy :

Description of Remedy Program : Momentum will replace the cylinders in existing fuel systems with cylinders from a different cylinder manufacturer. In some cases, Momentum may elect to replace the entire fuel system. Momentum will provide replacement cylinders/systems at no cost to its customers (parts and labor).

Pursuant to 49 CFR 577.11 (e), Momentum requests that it be exempt from providing notification of a reimbursement plan. Any pre-notification product failure would have been replaced under the manufacturer's limited warranty. Accordingly, no person would be eligible for reimbursement pursuant to 573.13.

How Remedy Component Differs : The remedy cylinders will be marked on the cylinder as being manufactured by a different supplier. If the cylinders subject to this recall

from Recalled Component : are subsequently retested or recertified, the cylinders will be marked accordingly.

Identify How/When Recall Condition was Corrected in Production : Subject cylinders remaining in Momentum's inventory have been quarantined and are not currently being employed in Momentum systems.

Recall Schedule :

Description of Recall Schedule : Momentum will notify customers according to the notification schedule noted herein.

Planned Dealer Notification Date : MAR 12, 2019 - MAR 15, 2019

Planned Owner Notification Date : MAR 25, 2019 - MAR 29, 2019

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 : Galbreath

Address : 480 E. 150 S.

Winamac IN 46996

Country : US

Company Phone : 946-6631 290

* NR - Not Reported