Part 573 Safety Recall Report 20E-010

Manufacturer Name : Kiekert USA
Submission Date : MAR 02, 2020
NHTSA Recall No. : 20E-010
Manufacturer Recall No. : NR

Manufacturer Information :

Manufacturer Name : Kiekert USA
Address : 46941 Liberty Drive
Wixom MI 48393
Company phone : 9605366

Population :

Number of potentially involved : 5,641,577
Estimated percentage with defect : 1 %

Equipment Information :

Brand / Trade 1 : Kiekert
Model : C1A
Part No. : Varied
Size : NR
Function : NR
Descriptive Information : Door latches supplied as part of original equipment door systems in certain 2012-2015 Ford Fiesta vehicles (see 15V-246 and 17v-210)
Production Dates : APR 01, 2010 - DEC 06, 2014

Brand / Trade 2 : Kiekert
Model : C1A
Part No. : Varied (Fusion)
Size : NR
Function : NR
Descriptive Information : Door latches supplied as part of original equipment door systems in certain 2013-2015 Ford Fusion and certain 2013-2015 Lincoln MKZ vehicles (see 15V-246 and 17v-210)
Production Dates : AUG 01, 2012 - APR 27, 2015

Brand / Trade 3 : Kiekert
Model : Varied
Part No. : Varied (MKZ)
Size : NR
Function : NR
Descriptive Information : Door latches supplied as part of original equipment door systems in certain

Descriptive Information :	2013-2015 Ford Fusion and certain 2013-2015 Lincoln MKZ vehicles (see 15V-246 and 17v-210)
Production Dates :	OCT 01, 2012 - APR 27, 2015

Brand / Trade 4 :	Kiekert
Model :	C1A
Part No. :	Varied (Volvo)
Size :	NR
Function :	NR
Descriptive Information :	Certain door latches supplied as part of original equipment door systems in 2011-2017 Volvo S60, S60I, V60, S60CC, V60CC vehicles (see 19V-849)
Production Dates :	AUG 01, 2010 - NOV 07, 2016

Description of Defect :

Description of the Defect :	When the vehicle door cavity temperatures exceed the customer specified maximum temperature of 80° C, the retention hook for the latch pawl spring may separate, resulting in a “door will not close” condition. Depending on the vehicle specific door design, position, and the vehicle color; door cavity temperatures above 80°C can occur when the vehicle is exposed over time to extremely hot ambient temperatures combined with high solar irradiance and low wind (such as occurs in desert regions).
FMVSS 1 :	NR
FMVSS 2 :	NR
Description of the Safety Risk :	A door system containing a latch with a separated pawl spring tab typically results in a “door will not close” condition. Driving a vehicle with a door which will not close increases the risk of injury, especially for an unbelted occupant.
Description of the Cause :	Extremely high door cavity temperatures over time affect the ordinary stress relaxation of the retention hook material and cause it to have lower effective yield strength.
Identification of Any Warning that can Occur :	Difficulty latching a door while closing or a door that rebounds while attempting to shut it and the triggering of the open door warning (AJAR switch) and accompanying warning lights are signals to the driver that the door system needs service.

Supplier Identification :

Component Manufacturer

Name :	NR

Address :	NR
	NR
Country :	NR

Chronology :

July 2014: Upon information provided in Ford recall 15V246, Ford's Critical Concern Review Group (CCRG) opened an investigation into a report alleging a Fiesta door opening while driving.
September 2014: NHTSA opened an investigation (PE14-028) regarding doors not latching and doors opening while driving on 2011-2013 model year Ford Fiestas.
February 2015: NHTSA upgraded its investigation to EA15-002 and expanded the scope to include other vehicles (2013 model year Ford Fusion and Lincoln MKZ).
March – April 2015: Kiekert supported Ford Motor Company in its investigation.
April 23, 2015: Ford Motor Company filed a 573 report with NHTSA (15V246).
March 27, 2017: Ford Motor Company filed a second 573 report with NHTSA (17V-210), supplementing its April 2015 report and expanding it to cover Ford Fiesta, Ford Fusion, and Lincoln MKZ vehicles built from June 1, 2013 - October 31, 2013.
October 14, 2019 – November 19, 2019: Kiekert supported Volvo in its investigation.
November 26, 2019: Volvo filed a 573 letter with NHSTA (19V849).
January 10, 2020: NHTSA requested Kiekert to file this report by January 31, 2020.

Description of Remedy :

Description of Remedy Program :	The remedy programs have been determined by Ford and Volvo and reported in their respective 573 reports.
How Remedy Component Differs from Recalled Component :	Replacement components have a different design for the pawl spring retention device ("Bridge Design"). All subject door latch components have date codes visible through the aperture in the door frame. Replacement components for Ford Fusion vehicles assembled at the Ford plant in Flat Rock, Michigan have manufacturing date codes later than December 3, 2014; replacement components for Ford Fiesta vehicles have date codes after December 6, 2014; replacement components for Ford Fusion vehicles assembled at the Ford plant in Hermosillo, Mexico have manufacturing date codes later than April 27, 2015; and replacement latches for all Volvo vehicles have date codes after November 7, 2016.
Identify How/When Recall Condition was Corrected in Production :	Kiekert began supplying latches with the Bridge Design to Ford for Fusion vehicles assembled at Flat Rock, Michigan on December 3, 2014; to Ford for Fiesta vehicles on December 5 and 6, 2014; to Ford for Fusion and MKZ vehicles assembled at the Ford plant in Hermosillo, Mexico on April 27, 2015; and to Volvo for its S60 vehicles on November 7, 2016.

Recall Schedule :

Description of Recall Schedule :	All vehicle recalls are being handled by Ford and Volvo, respectively.
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