

Part 573 Safety Recall Report

19E-003

Manufacturer Name : Takata (TK Global LLC)

Submission Date : JAN 02, 2019

NHTSA Recall No. : 19E-003

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Takata (TK Global LLC)

Address : 111 Peyer Court

Romeo MI 48065

Company phone : 2483738040

Population :

Number of potentially involved : 4,000,000

Estimated percentage with defect : 1 %

Equipment Information :

Brand / Trade 1 : Takata

Model : PSPI, PSPI-1.1, PSPI-2, PSPI-6, PSPI-L, and SPI

Part No. : NPN

Size : NR

Function : NR

Descriptive Information : Specific model Takata non-desiccated frontal air bag inflators containing phase stabilized ammonium nitrate propellant that were used as original equipment in Zone C and are not currently covered by prior inflator recalls. This DIR includes vehicles from Model Year 2010 and newer.

Production Dates : DEC 31, 2003 - DEC 31, 2017

Description of Defect :

Description of the Defect : TK Global, formerly, Takata, is submitting this DIR in accordance with the terms specified in the May 4, 2016 Amendment to the November 3, 2015 Consent Order in EA15-001. This report contemplates national recalls of vehicles equipped with certain former Takata non-desiccated inflators used in frontal airbag systems containing a phase stabilized ammonium nitrate-based propellant that were not included in prior national recalls. The subject inflators include models designated by Takata as: PSPI, PSPI-1.1, PSPI-2, PSPI 6, PSPI-L, and SPI.

TK Global is not aware of any test ruptures in ballistic testing of returned inflators in the designated categories and model years or confirmed field incidents of the subject non-desiccated ammonium nitrate inflators other than those already under recall as detailed in prior defect information reports. Out of an abundance of caution, however, TK Global is filing this report in cooperation with NHTSA to promote public safety.

As a result of the developments and circumstances described below, TK Global has determined that a defect related to motor vehicle safety may arise in some of the subject non-desiccated ammonium nitrate inflators due to propellant degradation occurring after prolonged exposure to high absolute humidity, high temperatures, and high temperature cycling. Testing and analysis conducted by Takata, TK Global and by independent entities have found that there are wide differences in the time periods in which propellant degradation takes place. The propellant degradation varies in different climate zones, in different vehicle makes and models, and in different inflator and propellant configurations. The Agency has concluded that these non-desiccated frontal Takata PSAN air bag inflators do not pose an unreasonable risk to safety under the Safety Act until they reach a certain level of propellant degradation

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Activation of a non-desiccated ammonium nitrate inflator with degraded propellant may result in an inflator rupture. An inflator rupture may cause metal fragments to pass through the air bag and into the vehicle interior at high speed, which may result in injury or death to vehicle occupants.

Description of the Cause : The propellant wafers in some of the subject inflators may degrade over time, which could lead to over-aggressive combustion in the event the air bag is activated. Overly aggressive combustion creates excessive internal pressure when the inflator is activated, which may cause the inflator body to rupture. Based upon Takata's and TK Global's investigations to date, the potential for such ruptures occurs in some of the subject inflators after several years of exposure to persistent conditions of high absolute humidity, high temperatures, and high temperature cycling. The potential for rupture may also be influenced by other factors, including the specific vehicle environment, the inflator and propellant configuration, and manufacturing variability.

Identification of Any Warning NR
that can Occur :

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

Please see attached document for 2015 thru 2017 Chronolgy.

January 2, 2018 – Takata submitted DIRs per the schedule specified by NHTSA in the Amendment to the Consent Order. The schedule called for certain DIRs to be submitted by Dec. 31, 2017. However, since that date fell on a weekend and a Federal holiday was observed on Jan. 1, 2018, NHTSA agreed that the DIRs would be submitted on Jan. 2, 2018, the next business day.

April 10, 2018 – Due to the company bankruptcy and sale of the majority of Takata assets, the successor company responsible for PSAN inflators is TK Global LLC.

TK Global LLC is responsible for investigations and necessary field actions for all Phase Stabilized Ammonium Nitrate (PSAN) airbag inflators, originally manufactured by Takata.

January 2, 2019 – TK Global is submitting this DIR per the schedule specified by NHTSA in the Amendment to the Consent Order. The schedule calls for all subject inflators installed as original equipment in all remaining 1 vehicles to be submitted by Dec 31, 2018. NHTSA agreed that this DIR could be submitted on Jan. 2, 2019.

Description of Remedy :

Description of Remedy Program : Per the sale of the majority of Takata assets to Joyson Safety Systems (JSS) and the bankruptcy agreement, the supplier of remedy parts is JSS. The Coordinated Remedy Program, being administered by the Independent Monitor, will prioritize the supply of remedy parts to the vehicles and zones that present the highest risk.

How Remedy Component Differs NR
from Recalled Component :

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

Recall Schedule :

Description of Recall Schedule : Recall schedule is to be determined and submitted by affected OEM's. Takata (TK Global) has no dealers so there is no dealer notifications to send and no dealer notification beginning and end dates.

Planned Dealer Notification Date : JAN 02, 2019 - JAN 02, 2019

Planned Owner Notification Date : JAN 02, 2019 - JAN 02, 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 : Ford Motor Company

Address : 330 Town Center Drive
Suite 500 Dearborn MI 48126

Country : US

Company Phone : 8664367332

Name : General Motors LLC

Address : 30001 Van Dyke Road
Warren MI 48094-9020

Country : US

Company Phone : 3135565000

Name : Jaguar Land Rover North America LLC

Address : 555 Mac Arthur Boulevard
Mahwah NJ 07430

Country : US

Company Phone : 8004524827

Name : Mercedes Benz USA LLC

Address : 303 Perimeter Center North
Atlanta GA 30346

Country : US

Company Phone : 4075456768

Name : Subaru of America Inc.

Address : One Subaru Drive
Camden NJ 08103

Country : US

Company Phone : 8564888500

Name : American Honda Motor Co.
Address : 1919 Torrance Blvd.
Torrance CA 9051-2746
Country : US
Company Phone : 3107232000

Name : Audi USA Volkswagen Group of America
Address : 3800 Hamlin Road
Auburn Hills MI 48326
Country : US
Company Phone : 2487545000

Name : BMW of North America
Address : P.O. Box 1227
Woodcliff Lake NJ 07677-7731
Country : US
Company Phone : 2013074000

Name : Daimler Vans USA LLC
Address : 303 Perimeter Center North
Suite 202 Atlanta Atlanta GA 30346
Country : US
Company Phone : 7707052070

Name : FCA US LLC
Address : 800 Chrysler Drive
CIMS 482-00-91 Auburn Hills MI 48326-2757
Country : US
Company Phone : 8008531403

Name : Ferrari North America, Inc.
Address : 250 Sylvan Ave.
Englewood Cliffs NJ 07632
Country : US
Company Phone : 2018162600

Name : Fisker Automotive Inc.-Karma Automotive
Address : 3080 Airway Avenue
Costa Mesa CA 92626
Country : US
Company Phone : 8555652762

Name : Mazda North America Operations
Address : 1025 Connecticut Avenue NW
Suite 910 Washington DC DC 20036
Country : US
Company Phone : 8002225500

Name : McLaren Automotive Inc.
Address : 750 Third Avenue
Suite 2400 New York NY 10017
Country : US
Company Phone : 6464298916

Name : Mitsubishi Motors North America Inc
Address : 6400 Katella Avenue
Cypress CA 90630
Country : US
Company Phone : 7143726000

Name : Nissan North America Inc.
Address : PO Box 685001
Franklin TN 37068-5009
Country : US
Company Phone : 6157253111

Name : Tesla Motors Inc.,
Address : 3500 Deer Creek Road
Palo Alto CA 94304
Country : US
Company Phone : 6504134000

Name : Toyota Motor Engineering & Manufacturing
Address : 19001 South Western Avenue
Torrance CA 90501
Country : US
Company Phone : 8003314331

* NR - Not Reported