

# Part 573 Safety Recall Report

# 20E-001

**Manufacturer Name :** Takata (TK Global LLC)

**Submission Date :** JAN 02, 2020

**NHTSA Recall No. :** 20E-001

**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 :** 10,000,000

**Estimated percentage with defect :** 1 %

## Equipment Information :

**Brand / Trade 1 :** Takata

**Model :** PSPI, PSPI-2, PSPI-6, PSPI-L, SPI, PSDI, PSDI-4, PSDI-5, and SDI

**Part No. :** NPN

**Size :** NR

**Function :** NR

**Descriptive Information :** Specific Takata non-desiccated, frontal, airbag inflators containing phase stabilized ammonium nitrate propellant that were used as interim remedy parts. Also known as "like-for-like" replacements.

The estimate of 10 million inflators represents the quantity produced for the U.S. market. TK Global does not know the quantity of vehicles affected. Many of these inflators were never installed on vehicles. Several vehicle manufacturers have already initiated their "like-for-like" recalls, replacing the recalled inflator with an alternative final remedy part.

**Production Dates :** JAN 01, 2009 - MAR 31, 2018

## Description of Defect :

Description of the Defect : TK Global 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. Per the order, NHTSA concluded that all Takata non-desiccated, frontal, PSAN inflators will reach a threshold level of degradation that could result in the inflator becoming unreasonably dangerous. As such, the Agency determined there was a reasonable and appropriate basis to require Takata to submit five DIRs on a rolling basis, per a defined schedule, that concludes with all vehicles containing Takata non-desiccated, frontal, phase stabilized ammonium nitrate-based (PSAN) inflators will be recalled by December 31, 2019. This is the final report in the defined schedule, encompassing all vehicles equipped with Takata non-desiccated, frontal, PSAN inflators that were used as an interim remedy, throughout the United States. The subject inflators include all "like-for-like" PSPI, PSPI-2, PSPI 6, PSPI-L, SPI, PSDI, PSDI-4, PSDI-5, and SDI. As defined in the Coordinated Remedy Order, some vehicle manufacturers replaced recalled inflators with newly manufactured "like-for-like" inflators while they worked towards an alternative, final remedy. The vehicles received an "interim remedy", meaning they have been remedied with a Takata non-desiccated, frontal, PSAN inflator and now require a final remedy. TK Global is not aware of any inflator ruptures during ballistic testing of returned inflators or confirmed field events in the population of inflators used as an interim remedy. However, out of an abundance of caution, TK Global is filing this report in cooperation with NHTSA to promote public safety.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : 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.

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 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 that can Occur : NR

**Supplier Identification :****Component Manufacturer**

Name : NR  
Address : NR  
NR  
Country : NR

**Chronology :**

Please see the attached document for 2015 through 2018 Chronology  
January 2, 2019 – TK Global submitted DIRs per the schedule specified by NHTSA in the Amendment to the Consent Order. The schedule called for all subject inflators installed as original equipment in all remaining vehicles to be submitted by Dec 31, 2018. NHTSA agreed that the DIRs would be submitted on Jan. 2, 2019.

January 2, 2020 – TK Global is submitting this DIR per the schedule specified by NHTSA in the Amendment to the Consent Order. The schedule calls for all Takata non-desiccated, frontal, PSAN inflators used as interim remedy parts be submitted by Dec. 31, 2019. NHTSA agreed that this DIR could be submitted on Jan. 2, 2020.

With the filing of this DIR, all Takata non-desiccated, frontal, PSAN inflators used in frontal airbag systems, throughout the United States, are under recall.

**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, has prioritized the supply of remedy parts.

How Remedy Component Differs  
from Recalled Component : NR

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

**Recall Schedule :**

Description of Recall Schedule : The recall schedule is determined and submitted by the affected OEMs. Takata (TK Global) has no dealership contact and does not send notifications or plans the schedule dates.

Planned Dealer Notification Date : JAN 02, 2020 - JAN 03, 2020

Planned Owner Notification Date : JAN 02, 2020 - JAN 02, 2020

**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 : Audi USA Volkswagen Group of America

Address : 3800 Hamlin Road  
Auburn Hills MI 48326

Country : US

Company Phone : (248) 754-5000

Name : BMW of North America

Address : P.O. Box 1227  
Woodcliff Lake NJ 07677

Country : US

Company Phone : (201) 307-4000

Name : American Honda Motor Co.

Address : 1919 Torrance Blvd.  
Torrance CA 90501

Country : US

Company Phone : (310) 783-2000

Name : Daimler Vans USA LLC

Address : 303 Perimeter Center North  
Suite 202 Atlanta GA 30346

Country : US

Company Phone : (770) 705-2070

Name : FCA US LLC

Address : 800 Chrysler Drive  
CIMS 482-00-91 Auburn Hills MI 48326

Country : US

Company Phone : (800) 853-1403

Name : Ferrari North America, Inc.

Address : 250 Sylvan Ave  
Englewood Cliffs NJ 07632

Country : US

Company Phone : (201) 816-2600

Name : Ford Motor Company  
Address : 330 Town Center Drive  
Suite 500 Dearborn MI 48126  
Country : US  
Company Phone : (866) 436-7332

Name : General Motors LLC  
Address : 30001 Van Dyke Road  
Warren MI 48094  
Country : US  
Company Phone : (313) 556-5000

Name : Mazda North America Operations  
Address : 1025 Connecticut Avenue NW  
Suite 910 Washington DC DC 20036  
Country : US  
Company Phone : (800) 222-5500

Name : Mitsubishi Motors North America Inc.  
Address : 6400 Katella Avenue  
Cypress CA 90630  
Country : US  
Company Phone : (714) 372-6000

Name : Nissan North America Inc.  
Address : PO Box 685001  
Franklin TN 37068  
Country : US  
Company Phone : (615) 725-3111

Name : Subaru of America Inc.  
Address : One Subaru Drive  
Camden NJ 08103  
Country : US  
Company Phone : (856) 488-8500

Name : Toyota Motor Engineering & Manufacturing  
Address : 6565 Headquarters Drive  
Plano TX 75024  
Country : US  
Company Phone : 800-331-4331

Name : Volkswagen Group of America

Address : 3800 Hamlin Road

Auburn Hills MI 48326

Country : US

Company Phone : (248) 754-5000

\* NR - Not Reported