

Part 573 Safety Recall Report

17V-023

Manufacturer Name : Tesla Motors, Inc.

Submission Date : JAN 12, 2017

NHTSA Recall No. : 17V-023

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Tesla Motors, Inc.

Address : 3500 Deer Creek Road
Palo Alto CA 94304

Company phone : 650-413-4000

Population :

Number of potentially involved : 2,997

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2012-2012 Tesla Model S

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Approximately 2,997 vehicles were equipped with a Takata PSPI 1.1 non-desiccated passenger-side air bag inflator, containing phase stabilized ammonium nitrate propellant.

Production Dates : MAY 31, 2012 - DEC 31, 2012

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : This safety recall involves vehicles equipped with Takata non-desiccated inflators, Model PSPI 1.1, used in frontal air bag systems containing a phase stabilized ammonium nitrate-based propellant installed in Model Year (MY) 2012 Tesla Model S vehicles. Tesla Motors Inc. is submitting this Defect Information Report (DIR) in accordance with the terms specified in the May 4, 2016 Amendment to the November 3, 2015 Consent Order in EA15-001, and pursuant to Takata Corporation's DIR filed on January 3, 2017 (Recall No. 17E-002).

For the in-depth defect description, refer to Takata's DIR, 17E-002. Tesla is not aware of any test ruptures in ballistic testing of inflators or field incidents of the subject non-desiccated ammonium nitrate inflators, other than those already detailed in prior DIRs by other automobile manufacturers and Takata. Out of an abundance of caution, however, Tesla is filing this report in cooperation with NHTSA to promote public safety.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Takata addressed the safety risk in its DIR, 17E-002, and Tesla does not have independent information on which to base the safety risk assessment.

Description of the Cause : Tesla does not have independent information on which to base a root cause assessment. However, Takata set forth the root cause in DIR 17E-002.

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : Takata Corporation

Address : 4-30, ROPPONGI 1-CHOME
MINATO-KU Tokyo, Japan 106-8510

Country : NR

Chronology :

November 3, 2015 – NHTSA and Takata entered into a Consent Order in EA15 001 to resolve issues raised in that investigation, to mitigate and control risks of harm, and to promote public safety.

May 4, 2016 – NHTSA and Takata entered into an Amendment to the November 3, 2015 Consent Order. As stated in that Amendment, on the basis of testing and analysis conducted by Takata and by independent research organizations, NHTSA concluded that, “at some point in the future all non-desiccated frontal Takata PSAN inflators will reach a threshold level of degradation that could result in the inflator becoming unreasonably dangerous.”

January 3, 2017 - Takata submitted its DIR per the schedule specified by NHTSA in the Amendment to the Consent Order.

January 10, 2017 – Tesla is now submitting this DIR per the schedule specified by NHTSA.

Description of Remedy :

Description of Remedy Program : Tesla is working closely with Takata to develop and replace the affected passenger side air bags promptly in all affected vehicles. We understand that 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 from Recalled Component : Tesla will replace the recalled inflators with desiccated ammonium nitrate inflators.

Identify How/When Recall Condition : Tesla began using desiccated ammonium nitrate inflators on or about December 9, 2016 for its passenger air bags in all North America

was Corrected in Production : production vehicles.

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : JAN 17, 2017 - JAN 17, 2017

Planned Owner Notification Date : JAN 17, 2017 - JAN 17, 2017

* NR - Not Reported