

Part 573 Safety Recall Report

18V-031

Manufacturer Name : Tesla, Inc.
Submission Date : FEB 07, 2018
NHTSA Recall No. : 18V-031
Manufacturer Recall No. : SB-18-20-001

**Manufacturer Information :**

Manufacturer Name : Tesla, Inc.
Address : 3500 Deer Creek Road
 Palo Alto CA 94304
Company phone : 650-413-4000

Population :

Number of potentially involved : 17,846
Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2013-2013 Tesla Model S
Vehicle Type : LIGHT VEHICLES
Body Style :
Power Train : NR

Descriptive Information : All model year 2013 Tesla Model S are equipped with affected air bag inflators assembled as part of the passenger frontal air bag modules used as original equipment.

Production Dates : JAN 01, 2013 - DEC 31, 2013

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 passenger front airbag systems containing a phase stabilized ammonium nitrate-based propellant installed in Model Year (MY) 2013 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. 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, 18E-001, 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 18E-001.

Identification of Any Warning that can Occur : None

Supplier Identification :

Component Manufacturer

Name : Takata Corporation
Address : 4-30, ROPPONGI 1-CHOME
MINATO-KU TOKYO FOREIGN STATES 106-8510
Country : Japan

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.” Based on this information, Tesla planned staged recalls based on vehicle model year. Tesla’s recall plan calls for simultaneous recalls in all markets.
- January 2, 2018 – Tesla is recalling all 2013 model year vehicles in accordance with the staged recall plan.

Description of Remedy :

Description of Remedy Program : Tesla will replace all airbag modules that contain affected inflators free of charge.

How Remedy Component Differs from Recalled Component : The remedy airbag modules do not contain non-desiccated ammonium nitrate inflators.

Identify How/When Recall Condition was Corrected in Production : Tesla began using desiccated ammonium nitrate inflators on or about December 8, 2016 for its passenger air bags in all North America production vehicles.

Recall Schedule :

Description of Recall Schedule : All Tesla stores and service centers will be notified on or about January 9, 2018. Customers will be sent a courtesy email alerting them to the recall

on or about January 9, 2018. Owner notification letters will be mailed out following NHTSA submission.

Planned Dealer Notification Date : JAN 09, 2018 - JAN 09, 2018

Planned Owner Notification Date : MAR 02, 2018 - MAR 02, 2018

* NR - Not Reported