



U.S. Department  
of Transportation

**National Highway  
Traffic Safety  
Administration**

# ODI RESUME

**Investigation:** PE 16-007  
**Date Opened:** 06/28/2016  
**Investigator:** Kareem Habib **Reviewer:** Jeff Quandt  
**Approver:** Stephen Ridella  
**Subject:** Automatic vehicle control systems

## MANUFACTURER & PRODUCT INFORMATION

**Manufacturer:** Tesla Motors, Inc.  
**Products:** 2015 Tesla Model S  
**Population:** 25,000 (Estimated)

**Problem Description:** A fatal highway crash involving a 2015 Tesla Model S which, according to Tesla, was operating with automated driving systems ("Autopilot") engaged, calls for an examination of the design and performance of any driving aids in use at the time of the crash.

## FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
<b>Complaints:</b>	0	TBD	TBD
<b>Crashes/Fires:</b>	1	TBD	TBD
<b>Injury Incidents:</b>	0	TBD	TBD
<b>Number of Injuries:</b>	0	TBD	TBD
<b>Fatality Incidents:</b>	1	TBD	TBD
<b>Number of Fatalities:</b>	1	TBD	TBD
<b>Other*:</b>	1	TBD	TBD

\*Description of Other: Information received from Tesla and other sources.

## ACTION / SUMMARY INFORMATION

**Action:** A Preliminary Evaluation has been opened.

**Summary:**

ODI has identified, from information provided by Tesla and from other sources, a report of a fatal highway crash involving a 2015 Tesla Model S operating with automated driving systems ("Autopilot") activated. This preliminary evaluation is being opened to examine the design and performance of any automated driving systems in use at the time of the crash.