



U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

ODI RESUME

Investigation: PE 20-021
Date Opened: 11/23/2020
Investigator: Robert Nguyen **Reviewer:** Bruce York-B
Approver: Stephen Ridella
Subject: Trimark 060-1650 Door Latch Failures

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: TriMark Corporation
Products: 2013 - 2016
Population: 217,424 (Estimated)
Problem Description: Failures of Trimark door latch components leading to vehicle lock-in/lock-out condition.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	46	TBD	TBD
Crashes/Fires:	0	TBD	TBD
Injury Incidents:	0	TBD	TBD
Number of Injuries:	0	TBD	TBD
Fatality Incidents:	0	TBD	TBD
Number of Fatalities:	0	TBD	TBD

ACTION / SUMMARY INFORMATION

Action: Open this Preliminary Evaluation on Trimark 060-1650 model door latches.

Summary:

The Office of Defects (ODI) is opening this Preliminary Evaluation (PE) on Trimark 060-1650 model door latches manufactured with zinc plunger bolts from calendar year 2013 to 2016. ODI has received forty-six Vehicle Owner's Questionnaires (VOQs) alleging door latch failures. Many of the failures describe consumers being locked in or out of their vehicles. The plunger bolt, made of zinc during the affected manufacturing years, becomes porous and brittle over time and can break without warning, resulting in the lock-in/lock-out condition. Additionally, the plastic bushing, which is needed to reduce friction between the drive elements and keep the latch release efforts smooth and low, can break and jam the lock to an inoperable state. Through communications with Trimark, ODI learned that these door latch failures are widespread across original equipment door manufacturers and different final stage vehicle manufacturers that use the 060-1650 model latch.

This investigation has been opened to understand the frequency of latch failure and whether the failures are universal across the industry or limited to certain final stage manufacturers in specific vehicle applications.

The ODI reports cited above can be reviewed at:

<http://www-odi.nhtsa.dot.gov/owners/SearchNHTSAID>

using the following complaint identification numbers: 11111891, 11312165, 11352178, 11040852, 11110475, 11118508, 11228739, 11228739, 11230464, 11230464, 11278257, 11343363, 11016475, 11088692, 11089428, 11099251, 11110381, 11110431, 11128222, 11130238, 11132271, 11149731, 11180695, 11265710, 11302531, 11340907, 10929929, 11021492, 11021705, 11030206, 11032978, 11090292, 11098056, 11128128, 11160521, 11300826, 11078987, 11081911, 11104930, 11342532, 11143346, 11277308, 11364743, 11365145, 11321971, 11327052.