



U.S. Department  
of Transportation

**National Highway  
Traffic Safety  
Administration**

## ODI RESUME

**Investigation:** PE 13-022  
**Date Opened:** 06/20/2013  
**Investigator:** Peter Kivett  
**Approver:** Frank Borris  
**Subject:** Parking Brake Failure  
**Reviewer:** Bruce York-B

### MANUFACTURER & PRODUCT INFORMATION

**Manufacturer:** Pierce Manufacturing  
**Products:** 2013 Pierce Arrow  
**Population:** 255 (Estimated)  
**Problem Description:** Fire truck moves from a parked condition while unattended

### FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
<b>Complaints:</b>	1	0	1
<b>Crashes/Fires:</b>	0	0	0
<b>Injury Incidents:</b>	0	0	0
<b>Fatality Incidents:</b>	0	0	0

### ACTION / SUMMARY INFORMATION

**Action:** This Preliminary Evaluation is opened

**Summary:**

On May 21, 2013 the Office of Defects Investigation (ODI) received a Vehicle Owners Questionnaire (VOQ #10512931) that alleges parking brake failures on five unique Pierce Arrow fire truck vehicles. The VOQ indicates that while the parking brake was activated, the fire trucks unexpectedly started to roll. The complainant also alleges that he has heard of other fire departments having experienced similar failures. An ODI engineer spoke with the complainant who said that the manufacturer had inspected the complaint vehicles and removed and replaced the parking brake valves. The manufacturer representative also stated they are aware of the issue.

This Preliminary Evaluation has been opened to further analyze the scope, frequency, and potential safety consequences associated with the alleged parking brake failure on the subject vehicles.