



U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

ODI RESUME

Investigation: PE 10-002
Date Opened: 01/19/2010 **Date Closed:** 03/25/2010
Principal Investigator: Sonny Murianka
Subject: Driveshaft Failure

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: SUTPHEN CORPORATION, SUTPHEN CORP.
Products: 2004-2011 Sutphen SPH Aerial Ladder Fire Truck
Population: 35

Problem Description: Repeated Driveshaft Failures

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	4	4	4**
Crashes/Fires:	0	0	0
Injury Incidents:	0	0	0
Fatality Incidents:	0	0	0

** Count indicates duplicate reports received by ODI and manufacturer.

ACTION / SUMMARY INFORMATION

Action: This investigation is closed. Sutphen Corporation has filed a safety recall to resolve this issue. The assigned recall number is 10V-060.

Summary:

This investigation was opened after ODI was notified by a fire rescue authority that they had multiple driveshaft failures on four of their fire trucks. Allegedly, one driveshaft was ejected from the truck as it was being driven on the highway at a high rate of speed.

Sutphen conducted an engineering evaluation and then decided to conduct a safety recall. They will:

- a. modify the cross members on the pre-2007 vehicles;
- b. conduct driveshaft re-phasing on the post-2007 vehicles; and
- c. replace the frame cross members.

The action taken by Sutphen resolves this investigation. Accordingly, this investigation is closed.