



U.S. Department  
of Transportation  
**National Highway  
Traffic Safety  
Administration**

# ODI RESUME

Investigation: PE10-004  
Prompted by: Owner Reports/IE08-008  
Date Opened: 01/25/2010  
Principal Investigator: Bob Young  
Subject: Sudden Fuel Expulsion

Manufacturer: Harley-Davidson Motor Company  
Products: MY 2008-10 Buell 1125C & CR  
Population: 4,700 (estimated)

Problem Description: Rapid fuel expulsion while re-fueling due to fuel boiling in tank.

## FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	1	TBD	1
Crashes/Fires:	0	TBD	0
Injury Incidents:	0	TBD	0
# Injuries:	0	TBD	0
Fatality Incidents:	0	TBD	0
# Fatalities:	0	TBD	0
Other:	1	TBD	1

Description of Other: Web-based Forum Postings

Action: Open a Preliminary Evaluation (PE).

Engineer: Bob Young

Date: 01/25/2010

Div. Chief: Richard Boyd *MB*

Date: 01/25/2010

Office Dir.: Kathleen C. DeMeter

Date: 01/25/2010

### Summary:

The owner of a MY 2009 Buell 1125CR model motorcycle reports sudden, rapid, fuel expulsion when opening the fuel filler cap during re-fueling. This allegation is repeated on a web forum by other riders. All claim that fuel is boiling in the "in-frame" fuel "tank" due to engine heat. To assess this issue, we are opening this PE.