



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

# ODI RESUME

Investigation: PE08-063  
Date Opened: 10/31/2008  
Principal Investigator: Peter Ong  
Subject: CNG Regulator Leak

Manufacturer: Ford Motor Company  
Products: 2003-2004 Ford F-150 Dual Fuel CNG Trucks  
Population: 50,000

Problem Description: CNG regulator leak may present risk of fire or explosion.

## FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	4		
Crashes/Fires:	0		
Injury Incidents:	0		
# Injuries:	0		
Fatality Incidents:	0		
# Fatalities:	0		
Other:	0		

Description of Other:

Action: Open a Preliminary Evaluation (PE)

Engineer: Peter C. Ong *peo*  
Div. Chief: Thomas Z. Cooper  
Office Dir.: Kathleen C. DeMeter

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Summary:

Ford has designed the subject vehicles to operate on either gasoline or compressed natural gas (CNG). ODI has received four complaints from a fleet concerning unintended CNG leakage from the regulator on four of their Model Year 2003-2004 Ford F-150 dual-fuel trucks. The CNG regulator is located in the engine compartment of the truck. Leakage of CNG, particularly in an enclosed area, presents a risk of fire or explosion with resultant injury and property damage. CNG is also toxic to humans.