



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

# ODI RESUME

Investigation: PE 07-041  
Date Opened: 08/08/2007  
Principal Investigator: Cynthia Glass  
Subject: Diesel Fuel Leak

Manufacturer: DaimlerChrysler Corporation  
Products: 2005-2006 Jeep Liberty Diesel  
Population: 20,000 (Estimated)


Problem Description: Reports allege diesel fuel leaking from the fuel filter/water separator assembly at the fuel heater connector.

## FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	12		
Crashes/Fires:	1		
Injury Incidents:	0		
# Injuries:	0		
Fatality Incidents:	0		
# Fatalities:	0		
Other*:	0		

\*Description of Other:

Action: This Preliminary Evaluation is opened.

Engineer: Cynthia Glass   
Div. Chief: Thomas Z. Cooper  
Office Dir.: Kathleen C. DeMeter

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Summary: The subject vehicles are powered by a 2.8 liter 4-cylinder turbocharged diesel engine. A fuel filter/water separator assembly is located in the engine compartment that includes an electric fuel heater for pre-heating the diesel fuel. Consumers allege that diesel fuel is leaking at the fuel heater connector to the fuel filter assembly. In addition, consumers report that the electrical connector for the fuel heater was moist, burned and/or discolored. One report alleges that the "entire front of the vehicle" was burned because of the diesel fuel leak. Four consumers saw or smelled smoke; and, one consumer saw boiling diesel fuel at the connector and smelled burning plastic.