

## Howell, Rosa (NHTSA)

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**From:** Clarence Ditlow [cmdiii@autosafety.org]  
**Sent:** Wednesday, July 07, 2010 10:06 PM  
**To:** Boyd, Richard (NHTSA); Yon, Scott (NHTSA); Hershman, Larry (NHTSA)  
**Cc:** Medford, Ronald (NHTSA)  
**Subject:** Jeep Grand Cherokee Crash Test  
**Attachments:** Grand Cherokee Fuel Spray at FHWA 2.jpg

We will be sending a detailed report later – as the attached photos show, there was a catastrophic failure in that the fuel and vent hoses were pinched in the hole in the fuel rail. The resultant relative movement of the fuel tank and frame rail pulled not only the fuel and vent hoses out of the tank but took the check valve with it that allowed the plume of Stoddard fluid (gasoline surrogate) to disperse from the tank into the air & form an ideal mixture for combustion should there be a combustion source.

(I am sending this email in several parts due to the size of the attachments – this is email #1.)

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