



ODI RESUME

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

Investigation: EA 05-005
Prompted By: PE04-078
Date Opened: 03/22/2005 Date Closed: 08/02/2006
Principal Investigator: Bruce York-B
Subject: Engine Compartment Fires

Manufacturer: Lincoln Composites, Ford Motor Company
Products: Ford Motor Co. MY 1995-02 F150, 97-02 Expedition/ Navigator
Population: 3,723,142 (Estimated)

Problem Description: The speed control deactivation switch can develop an internal short circuit resulting in an engine compartment fire while the vehicle is parked with the ignition in the off position.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	909	563	1472
Crashes/Fires:	60	5	65
Injury Incidents:	0	0	0
# Injuries:	0	0	0
Fatality Incidents:	0	0	0
# Fatalities:	0	0	0
Other*:	0	0	0

*Description of Other:

Action: This Engineering Analysis has been closed. Recalls 05V-017, 05V-366, 05V-388 & 06V-286.

Engineer: <u>Bruce York</u>	Date: <u>07/30/2006</u>
Div. Chief: <u>Richard Boyd</u>	Date: <u>07/30/2006</u>
Office Dir.: <u>Kathleen C. DeMeter</u>	Date: <u>07/30/2006</u>

Summary: EA05-005 is closed with Ford's actions in recalls 05V-017, 05V-366, 05V-388, and 06V-286, recalling approximately 6.7 million vehicles equipped with Texas Instruments speed control deactivation switches (SCDS). The brake systems in these recalled vehicles generate a vacuum that can potentially cause the SCDS to fail and, in certain switch installation orientations, catch fire. Ford is also including the entire population of 1998 Explorers. Ford has informed ODI that testing to determine the cause of failures in the 1998 Explorers will continue after this investigation is closed. ODI believes that the vehicles exhibiting the factors causing SCDS failure described in this report correlate well with the observed failure rates on these vehicles by model and model year. The closing of this investigation does not constitute a finding by NHTSA that a safety-related defect does not exist in the non-recalled vehicles manufactured with SCDS that are not included in Ford's recalls. ODI will continue to monitor the non-recalled population for incidence of engine compartment fires. The agency reserves the right to take further action if warranted by the circumstances.

See attached closing report for details.