



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

ODI RESUME

Investigation: PE 04-078
Prompted By: Consumer Complaints
Date Opened: 11/19/2004
Principal Investigator: Bruce York-B
Subject: Speed Control Deactivation Switch Fire

Manufacturer: Ford Motor Company
Products: 2000 Ford F150, Expedition, Lincoln Navigator With Cruise Control
Population: 644000 (Estimated)

Problem Description: The speed control deactivation switch can develop an internal short circuit resulting in a fire.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	36	0	36
Crashes/Fires:	0	0	0
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: A preliminary evaluation has been opened.

Engineer: Bruce York

Date: 11/19/2004

Div. Chief: Jeffrey L. Quandt

Date: 11/19/2004

Office Dir.: Kathleen C. DeMeter

Date: 11/19/2004

Summary: ODI has received 36 complaints alleging incidents of engine compartment fire in model year (MY) 2000 Ford F-150 pickup trucks and similarly equipped Expedition and Navigator full-size sport utility vehicles in which the location, prior symptoms, or circumstances are consistent with Speed Control Deactivation Switch (SCDS) fires. Thirty-three of the incidents were reported to ODI within the last 12 months.

All of the incidents occurred while the vehicle was parked and the ignition off. Twenty-four of the fires allegedly originated in the left-rear quadrant of the engine compartment and 16 of these reported Cruise Control failure prior to the fire, a symptom of a shorted SCDS. Three of the fires caused structural damage to the complainant's home.

ODI has also reviewed information submitted by Ford regarding early warning fire reports in F-150 pickup trucks, which indicates that a disproportionate number of incidents fitting the pattern of SCDS fires had been reported in MY 2000 vehicles.

A preliminary evaluation has been opened to assess the scope, frequency, and safety consequences of the alleged defect.

Handwritten: V/OJ
11/19/04

Complaints included in resume PE04-078

Count	ODI ID
1	10061055
2	10073382
3	10091404
4	10091589
5	10094532
6	10096486
7	10098134
8	10098307
9	10099395
10	10099599
11	10099927
12	895335
13	10009950
14	10017562
15	10055269
16	10067416
17	10073838
18	10076005
19	10079038
20	10079579
21	10083071
22	10086274
23	10086742
24	10088899
25	10089986
26	10090945
27	10095250
28	10095369
29	10095370
30	10095374
31	10096581
32	10097777
33	10097782
34	10098648
35	10072018
36	10089746

Complaint Summary And Phone Call Log For PE04-078

MY	MAKE	MODEL	VIN	INCIDENT DT	MILEAGE	STATE	CITY	ODI ID	Ignit	Origlr	Cruise	Prop	Phone Call Notes
2000	FORD	EXPEDITION	1FMFU16L6Y	12/24/2003	54000	CO	WHEAT RIDGE	10061055	x				
2000	FORD	EXPEDITION	No VIN	8/10/2004		NC	FAYETTEVILLE	10073962	x				
2000	FORD	EXPEDITION	1FMRU1568Y	9/6/2004		TN	MEMPHIS	10091404	x				
2000	FORD	EXPEDITION	1FMRU1688Y	9/3/2004	72000	MO	SPRINGFIELD	10091569	x			x	
2000	FORD	EXPEDITION	1FMRU1588Y	8/24/2004	82000	TX	BEAUMONT	10094532	x				
2000	FORD	EXPEDITION	1FMRU17L3Y	10/26/2004	65000	TX	HUMBLE	10098468	x	x	x		Spoke with owner who says the fire was in the engine compartment on the drivers side closer to the fire wall than the bumper. Lost cruise control 2 months before fire.
2000	FORD	EXPEDITION	1FMRU156XY	9/30/2004	56888	MI	METAIRE	10098134	x				
2000	FORD	EXPEDITION	1FMRU1688Y	10/16/2004	58000	SC	MT. PLEASANT	10098307	x	x	x		Owner says fire near rear of engine compartment. Says Cruise Control did not work at purchase in June 2004. CD changer did not work either.
2000	FORD	EXPEDITION	1FMRU1787Y	10/26/2004	60000	TX	HOUSTON	10098385	x	x	x		
2000	FORD	EXPEDITION	No VIN	5/28/2004	67000	TX	DALLAS	10098509	x	x	x		
2000	FORD	EXPEDITION	1FMRU17L2Y	11/5/2004	47500	FL	ORLANDO	10098927	x	x		x	Spoke with Anna she says fire in engine compartment at drivers side rear near fire wall. No problems with Cruise Control, but she did not use it very often
2000	FORD	F150	1FTRX18L3Y	8/3/2001		MI	ORION	895335	x	x			Vehicle did have cruise control. Vehicle parked for 8 hours before fire. Used CC occasionally, never had trouble with CC before fire.
2000	FORD	F150	2FTRX17L0Y	1/31/2003	53000	LA	GREYNA	10009950	x				Car was parked and heard horn blowing. The truck was on fire. Fire was coming from under hood. Insured with allstate car was parked for about 15 minutes
2000	FORD	F150	1FTRX18L5Y	4/23/2003		OH	LIMA	10017562	x	x	x		Fire was focused at drivers side rear engine compartment. Two months before fire, the CC stopped working. The fuse was not burned out. One week before fire CC starts working again.

