

 DOT Auto Safety Hotline Vehicle Owner's Questionnaire To Report Vehicle Safety Defects 2008 JUL 28 1-888-DASH-2-DOT (1-888-327-4236) INTERNET: www.nhtsa.dot.gov/hotline				FOR AGENCY USE ONLY 100148		
U.S. Department of Transportation National Highway Traffic Safety Administration				Date Received 30-JUN-2008		Repository ☐
				Reference No. 10232723		
OWNER INFORMATION (Type or Print)						
Name			Daytime Telephone Number		E-mail Address	
Address			Evening Telephone Number			
City	State	Zip Code				
PITTSBURG	PA					
Do you authorize NHTSA to provide a copy of this report to the manufacturer of your vehicle? In the absence of an auth NOT provide your name or address to the vehicle manufacturer.						
Signature of Owner			Date 7/9/2008			
VEHICLE INFORMATION						
17 digit Vehicle Identification Number Located at bottom of windshield on driver's side			Make	Model	Model Year	
1FMRU18W4W1			FORD	EXPEDITION	1998	
Date Purchased	Dealer's Name and Telephone Number			Engine:	Fuel Type:	
OCT 1998	McCRACKIN FORD (OUT OF BUSINESS)			No: Cylinders	GASOLINE	
Original Owner	Dealer's City	State	Zip Code			
☒	PITTSBURGH PA	PA	15237			
Transmission Type	☒ Antilock Brakes	Powertrain	Vehicle Component Code			
Automatic	☒ Cruise Control	4x4	030000 SERVICE BRAKES, HYDRAULIC			
			Multiple Failure:			
FAILED COMPONENT(S)/PART(S) INFORMATION						
Incident Date(s)	Failure Mileage	Failure Speed				
27-JUN-2008	57295	0				
ADDITIONAL ITEMS TO BE COMPLETED WHEN REPORTING A TIRE FAILURE						
Tire Make		Tire Model (Name or Number)		Tire Size (Example P215/65R15)		
DOT No. (Example: DOTM19ABC036)		☐ Original Equipment ☐ Prior Repair		Failure Location:		
Tire Component Code				Tire Failure Type		
ADDITIONAL ITEMS TO BE COMPLETED WHEN REPORTING A CHILD SEAT FAILURE						
Make:		Date Manufactured:		Model No./Name:		
Seat Type:		Installation System:				
Child Seat Component Code:		Failed Part:				
APPLICABLE INCIDENT INFORMATION						
(Please describe in detail the incident(s), Failure(s), Crash(es), and injury(ies).)						
Crash	Fire	Number of Persons Injured	Number of Deaths	Reported to Police		
☐ Yes ☒ No	☐ Yes ☒ No	0	0	N		
Narrative Description of Incident(S), Crash(es), and Injury(ies). Please describe (1) events leading up to the failure, (2) failure and its consequences, and (3) what was done to correct the failure; i.e. parts repaired or replaced (and if old part is available).						
TL*THE CONTACT OWNS A 1998 FORD EXPEDITION. THE CONTACT STATED THAT THE BRAKE LIGHT ILLUMINATED. HE TURNED THE VEHICLE AROUND TO RETURN HOME AND THE BRAKE PEDAL EXTENDED TO THE FLOOR WHEN IT WAS DEPRESSED. THE VEHICLE CONTINUED TO ROLL FORWARD, AND THE EMERGENCY BRAKE HAD TO BE APPLIED. THE CONTACT INSPECTED THE BRAKE COMPONENTS AND NOTICED SEVERAL FAILURES WITH THE FRONT AND REAR BRAKE LINE. HE BELIEVED THAT THE FAILURE WAS DUE TO EXCESSIVE SALT USE IN THE STATE WHERE HE RESIDES. HE CALLED THE DEALER AND ASKED IF FORD WOULD COVER THE COST OF THE REPAIRS, BUT WAS INFORMED THAT THE VEHICLE WAS OUT OF WARRANTY. THE FAILURE AND CURRENT MILEAGES WERE 57,295. FAILURE DUE TO INCORRECT MATERIAL SELECTION IN BRAKE LINE OR DEFECTIVE MATERIAL. INADEQUATE SHIELDING OF BRAKE LINE FROM ELEMENTS COMMON IN NE UNITED STATES. COMMON MODE FAILURE OF FRONT AND BACK BRAKE LINES.						
Include, if available: Police/Fire Department Report, Photos, and Repair Invoice. ATTACH ADDITIONAL SHEETS IF NECESSARY						
The Privacy Act of 1974-Public Law 93-579 This information is requested pursuant to authority vested in the National Highway Traffic Safety Act and subsequent amendments. You are under no obligation to respond to this questionnaire. Your response may be used to assist the NHTSA in determining whether a Manufacturer should take appropriate action to correct a safety defect. If the NHTSA proceeds with administrative enforcement or litigation against a manufacturer, your response, or a statistical summary thereof, may be used in support of the agency's action.						

BRAKES FAILED COMPLETELY WITHIN SECONDS. EMERGENCY BRAKE INADEQUATE TO STOP MOVING VEHICLE ON SLIGHT DOWN SLOPE

1998 Ford Expedition total brake failure VIN 1FMRU18W4W

Reference number 10232723

PITTSBURGH PA

Vehicle is 9 years old, I m the original owner and has been maintained and inspected per owners manual and state requirements

Front and rear brake systems failed within minutes of each other, despite a design intended to prevent that and we responded immediately to the warning light indication. Common mode failure was corrosion. Enclosed is a photo of the front brake line where it failed.

The rear brake line failed just before the brass 3 way junction beside the fuel tank on the left hand side of the vehicle judging by the appearance of brake fluid in that region.

It is my opinion that one of several causes could be suggested

The brake line material, which was the original factory supplied and installed material was defective when installed

The brake line should have been better protected from corrosion by a shield or anti-corrosion coating in critical areas.

The brake line should have been made of stainless steel or other corrosion resistant material

It is not unreasonable to expect that critical areas such as brake lines should last the life of the vehicle

Because of accelerated corrosion the design protection of dual brake cylinder and independent front and rear systems failed.

My family was lucky that there were no injuries or property damage



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of Transportation
**National Highway
Traffic Safety
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In the absence of an authorized signature, do not provide your name or address to the vehicle manufacturer.
Signature of Owner [Signature] Date 7/9/2008

VEHICLE INFORMATION

17 digit Vehicle Identification Number Located at bottom of windshield on driver's side

1FMRU18W4W1

Make

FORD

Model

EXPEDITION

Model Year

1998

Date Purchased

OCT 1998

Dealer's Name and Telephone Number

MCCORMICK FORD (OUT OF BUSINESS)

Engine:

No: Cylinders

8

Fuel Type:

GASOLINE

Original Owner

☒

Dealer's City

PITTSBURGH PA

State

PA

Zip Code

15237

Transmission Type

Automatic

☒ Antilock Brakes

☒ Cruise Control

Powertrain

4x4

Vehicle Component Code

030000 SERVICE BRAKES, HYDRAULIC

Multiple Failure:

FAILED COMPONENT(S)/PART(S) INFORMATION

Incident Date(s)

27-JUN-2008

Failure Mileage

57295

Failure Speed

0

ADDITIONAL ITEMS TO BE COMPLETED WHEN REPORTING A TIRE FAILURE

Tire Make

Tire Model (Name or Number)

Tire Size (Example P215/65R15)

DOT No. (Example: DOTM19ABC036)

☐ Original Equipment
☐ Prior Repair

Failure Location:

Tire Component Code

Tire Failure Type

ADDITIONAL ITEMS TO BE COMPLETED WHEN REPORTING A CHILD SEAT FAILURE

Make:

Date Manufactured:

Model No./Name:

Seat Type:

Installation System:

Child Seat Component Code:

Failed Part:

APPLICABLE INCIDENT INFORMATION

(Please describe in detail the incident(s), failure(s), crash(es), and injury(ies).)

Crash

☐ Yes

☒ No

Fire

☐ Yes

☒ No

Number of Persons Injured

0

Number of Deaths

0

Reported to Police

N

Narrative Description of Incident(s), Crash(es), and Injury(ies).

Please describe (1) events leading up to the failure, (2) failure and its consequences, and (3) what was done to correct the failure; i.e. parts repaired or replaced (and if old part is available).

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