

Vehicle Research and Test Center

Milwaukee Ford Windstar Rear Axle Beam Corrosion Failure

PE10-016

Presentation to ODI Management and NCC 07/27/2010





Milwaukee Ford Windstar Rear Axle Beam Corrosion Failure

The complaint vehicle (VOQ10342863) was inspected on 07/26/10 with a Ford representative. Then the accident site was visited (without the Ford rep). The rear axle had corroded and failed on the left side. The Panhard rod buckled allowing the left rear trailing arm to twist and leaving substantial left rear fender-well tire marks. The vehicle was reported to have been traveling at 50 mph in the third lane when the axle failed, the driver lost control, hit the Jersey barrier, and both front air bags deployed.

VOQ 10342863			Form Assertings: O.M.B. No. 2127-0008		
VOQ 10342803	DOT Auto Safety Hotline	FOR AGE	ENCY USE ONLY 100148		
	U.S. Decurtment Vehicle Owner's Question	naire Dute Received	Repository		
	of Transportation To Report Vehicle Safety Def				
	Traffic Safety (1-888-327-4236)	13-JUL-2	2010 Reference No. 10342863		
	Administration INTERNET:www.nhtsa.dot.gov/ OWNER INFORMATION (Type or Print)	notine	200,000		
	Name	Daytime Telepi	hone Number E-mail Address		
	Address : State Zip Cod	Evening Telepi	hone Number		
	The information you provide will be used to identify potential safety-related applicable vehicle manufacturer during an investigation or recall in accorda	defects. We may share your infor- nce with the routine uses describe	mation with the d in the agency's Privacy Act		
	notice. See 49 FR 53971 (Sep. 3, 2004).				
	VEHICLE INFO 17 digit Vehicle Identification Number Located at bottom of windshield on driver's side		el Model Year		
	2FMZAS349		IDSTAR 2000		
	Date Purchased Dealer's Name and Telephone Number	Eng			
	Original Owner Dealer's City	State Zip Code	Cylinders		
		-7	1		
	Transmission Type	Multiple Failure:	Incident Date(s) 09-3UL-2010		
		S)/PART(S) INFORMATION			
	Vehicle Component Code: 022000 SUSPENSION: REAR	3)/PARI(3) INFORMATION	1		
	Verice component code: 02200 3034E152011 NEW		Failure Mileage Failure Speed 101000 60		
	ADDITIONAL ITEMS TO BE COMPLETE	D WHEN REPORTING A TIRE F	AILURE		
	Tire Make Tire Model (Name or Number) Tire Size	(Example P215/65R15)		
	DOT No. (Example: DOTMAL9ABC036)	Failure Location:			
	Tire Component Code	Tire Fail.	**		
	ADDITIONAL ITEMS TO BE COMPLETED W				
	Make: Dute Manufacture Seat Type: Installation System		net		
	Child Seat Component Code: Failed Part:				
	APPLICABLE INCIDENT INFORMATION (Please describe in detail the incident's), Failure(s), Orabifes), and intervies(.)				
	Crash Fire Number of Persons Injured N	lumber of Deaths Reported to	Police		
	Narrative Description of Incident(5), Crash(es), and Injury(ies). Please describe (1) events leading up to the failure, (2) failure and its consi.e., parts repaired or replaced (and if old part is available).	equences, and (3) what was done t	to correct the failure;		
	TL-THE CONTACT OWNS A 2000 FORD WINDSTAR. THE CONTACT WAS D				
	CONTROL OF THE VEHICLE. THE VEHICLE VEERED TO THE RIGHT AND HIT A CONCRETE BARRIER ON THE FRONT SIDE AND THE VEHICLE WAS THEN FLIPPED A DIFFERENT DIRECTION. THE AIR BAGS DID DEPLOY. THE CONTACT SHUT THE VEHICLE OFF. A POLICE REPORT WAS FILED.				
	THE CONTACT SUSTAINED MINOR CUTS AND BRUISES AS A RESULT. THE VEHICLE WAS TOTALED AS A RESULT OF THE CRASH. THE VEHICLE WAS INSPECTED AND THE CONTACT WAS INFORMED THAT THE REAR AXLE WAS BROKEN AND WAS THE CAUSE OF THE CRASH. THE CONTACT				
	HAD NOT SPOKEN WITH THE MANUFACTURER AT THE TIME OF THE CON APPROXIMATELY 101,000-BK	APLAINT, THE CURRENT AND FAIL	URE MILEAGES WERE		
	Inches if workship Delegation Department Security Disease and Security In-	unina AWW.c	N ADDITIONAL CUEFFIC IS MESSECTION		
	Include, if available: Police/Fire Department Report, Photos, and Repair In- Privacy Act of 1974-Public Law 93-579 This information is requested pursuant to aut amendments. You are under no obligation to respond this questionnaire. Your responses o	hority vested in the National Highway Tr	H ADDITIONAL SHEETS IF NECESSARY. reffic Safety Act and subsequent		
	amendments. You are under no stringston to respons the questionness. Your response is should take appropriate action to comect a safety defect. If the NHTSA proceeds with add or a statistical summary thereof, may be used in support of the agency's action.	ministrative enforcement or litigation ag	ainst a manufacturer, your response,		
					3

VOO 10242962 DAP nogo 1 Motor Vehicle BMMD8V9 Page 1 of 4
VOQ 10342863 – PAR page 1 ent Report M/4000e 01/2005 BMMD8V9
Reportable Accident On Emergency Amended DOT Document Number Document Override Number
Agency Accident Number Police Number
4 - Accident Date 5 - Time of Accident (Willtary Time) 6 - Total Units 7 - Total Injured 8 - Total Killed 67/99/2010 1022 01 00 00
2 - County 3 - Municipality 91 - Accident Location
NON-INTERSECTION
EB 0.10 M EAST 10 - Foliat Hary No. 15 - Foonald Covert Name 10 - Duniness/Frontage-Ramp
17 - Structure Type UTILITY # HME3 12 - Leibtude 13 - Longitude
Q 00 - First Hamiltot Event 93 - Manner of Collision NO COLLISION WITH MOTOR VEHICLE IN TRANSPORT
FULL CONTROL STRAIGHT LEVELIFLAT CONCRETE -1 115 - Traffic Way The Figure 1 Traffic Way The F
117 - Relation To Roadway ON-ROADWAY
114 - Light Condition 116 - Road Surface Condition 118 - Weather DAYLIGHT DRY CLEAR
0 0 0 0
Hit and Run Government Property Fire Photos Taken Trailer or Towed
Truck, Bus, or Hazardous Materials Load Spillage Construction Zone Names Exchanged Dot
Supplemental Reports Witness Statements Measurements Taken
Operator/Pedestrian
Unit Status 81 - Most Harmful Event: Collision With MEDIAN BARRIER EAST 50
36 - Operating so Clossified 37 - Endorsements 35 Operating Commercial Motor Vehicle
29 - Distrar's License Number 30 - State 31 - Expiration Year 34 - On Day Accident WI 2017
25 - Operation Fedestran Last Name 25 - First Name 20 - Middle Initial 25 - Guttix
32 - Date Of Beth 33 - Sex
26 - Address Street & Number 26 - PO Box
27 - City 27 - State 27 - Zip Code 28 - Telephone Number
THE SEAS POSITION AND APPENDING THE DRIVET TRAIN CONDUCTORS SHOULD BE RELITATION SHOULD BE RELITATION.
Profitable interpretation from control and
N - NO APPARENT INJURY DEPLOYED NOT-EJECTED Medical Transport 43 - Trapped Extricated 62 - Pedestrian Action
NOT-TRAPPED 119 - What Driver Was Doing 120 - Traffic Control 62 - No. of Citations Issued
GOING-STRAIGHT NO-CONTROL
Q 04 - 1st Stehute No. 04 - 2nd Stehute No. 04 - 3rd Stehute No. 04 - 4th Stehute No. 04 - 6th Stehute No.
122 - Other Factors NOT-APPLICABLE
88 - Driver or Pedestrien Cond 89 - Substance Presence APPEARED NORMAL NEITHER-ALCOHOL-NOR-DRUGS-PRESENT
90 - Alcohol Test 90 - Alcohol Contect 91 - Drug Test TEST-NOT GIVEN TEST-NOT-GIVEN
TEST TOT GIVEN
4











































