

ODI Action Number: **EA02-027**

Date: **09-10-2002**

Subject: **FORD MOTOR COMPANY/MAZDA NORTH AMERICA
2001 - 2002 FORD ESCAPE AND MAZDA TRIBUTE**

ALLEGED ENGINE STALLING FAILURE

This file contains consumer letters received by the National Highway Traffic Safety Administration, which complain of the alleged defect that is the subject of this Engineering Analysis. It also contains correspondence between this agency and the manufacturer on the subject. Portions of that correspondence may be withheld where the manufacturer has claimed that they are confidential pursuant to the Freedom of Information Act, 5 U.S.C. § 552(b)(4), which exempts from disclosure confidential commercial and financial information. Additional documents relating to this Engineering Analysis may exist, but have not been included in this public file.

If you have any information or concerns you would like to discuss with NHTSA staff, please call the

TOLL FREE AUTO SAFETY HOTLINE

800-424-9393

(In the Washington, DC metropolitan area, please call 202-366-0123)

Also, if you wish to discuss the investigation with NHTSA staff, the HOTLINE contact representative will have a technical staff member return your telephone call.



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

ODI RESUME

INVESTIGATION: EA 02-027
DATE OPENED: SEP 10 2002
SUBJECT: Engine Stalling
PROMPTED BY: PE 01-043
PRINCIPAL ENGINEER: Ali Motamedamin

MANUFACTURER: Ford Motor Company/Mazda North America
MODEL(S): Ford Escape/Mazda Tribute
MODEL YEAR(S): 2001-2002
VEHICLE POPULATION: 298,770

PROBLEM DESCRIPTION: The complainants allege that the engine stalls without warning while driving.

FAILURE REPORT SUMMARY

	ODI	MANUFACTURER	TOTAL
COMPLAINTS:	249	2527	2776
CRASHES:	3	9	12*
INI CRASHES:	2	0	2
# INJURIES:	2	0	2
FAT CRASHES	0	0	0
# FATALS	0	0	0
OTHER	0	0	0

* Four vehicle to vehicle crashes.

ACTION: An Engineering Analysis (EA) has been opened.

ENGINEER: [Signature] DIV CHIEF: [Signature] OFC DIR: [Signature]
DATE: 9/10/02 DATE: 9/10/02 DATE: 9/10/02

SUMMARY: ODI has received 1,198 complaints on the Ford Escape and 1,578 on the Mazda Tribute alleging that the engine would stall out warning while driving. Eight hundred fifty two of the 2,776 complainants indicated that they have had their vehicles exhibit a stalling condition more than once. There have been 2 crashes resulting in arm/chest and back injuries. Ford Technicians have either repaired or replaced the following components to attempt to remedy the stalling condition: Electronic Engine Control (EEC) Relay, Powertrain Control Module (PCM), Idle Air Control (IAC) Valve, Throttle Body, Grounds to EEC, PCM, Battery, Exhaust Gas Recirculation (EGR) Valve, Delta Pressure Feedback Sensor for EGR, Fuel System Components (Pump, Relay), Mass Air Flow (MAF) Sensor, Evaporative Vapor Management (EVAPVM), Positive Crankcase Ventilation (PCV) Valve, and Ignition Switch. A Technical Service Bulletin regarding several of these components was issued to Ford dealers on April 2002.

An Engineering Analysis has been opened to determine if a safety defect trend exists.

9/19/02
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