



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

ODI RESUME

Investigation: EA 02-027
 Prompted By: PE01-043
 Date Opened: 09/10/2002 Date Closed: 04/15/2004
 Principal Investigator: Ali Motamedamin
 Subject: Engine Stalling

Manufacturer: Ford Motor Company, Mazda North American Operations
 Products: Model Year 2001-02 Ford Escape/Mazda Tribute (V6 Engine)
 Population: 391,487

Problem Description: Alleges that the engine stalls without warning while driving.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	668	5800	6468
Crashes/Fires:	15	21	36
Injury Incidents:	2	2	4
# Injuries:	3	3	6
Fatality Incidents:	0	0	0
# Fatalities:	0	0	0
Other*:	0	0	0

***Description of Other:**

Action: This Engineering Analysis (EA) is closed. Ford will conduct safety recall (NHTSA #04V-165). Mazda will conduct safety recall (NHTSA #04V-175).

Engineer: Ali Motamedamin A.M.

Date: 04/15/2004

Div. Chief: Thomas Z. Cooper

Date: 04/15/2004

Office Dir.: Kathleen C. DeMeter

Date: 04/15/2004

Summary: Ford's and Mazda's letters to NHTSA dated April 5 and April 9, 2004, state that they will recall model year 2001-03 Ford Escape and Mazda Tribute vehicles with the V6 engine built thru September 11, 2002. Dealers will adjust engine calibration in the programmable control module (PCM), which in its current setting, can cause the engine to shut down if the vehicle is decelerating at speeds below 40 mph. The engine shuts down due to "excessively rich air-fuel mixtures being sent to the engine." When the engine shuts down, drivers may notice a loss of power assist for their steering and brakes. The majority of the complainants have indicated to the agency that the stall is intermittent and can happen more than once.

415-04
TCC