



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

ODI RESUME

Investigation: PE 05-027
Date Opened: 05/16/2005 Date Closed: 11/03/2005
Principal Investigator: Chris Lash
Subject: Engine Stall

Manufacturer: DaimlerChrysler Corporation
Products: 2004-05 Dodge Durango/Ram pickups with 5.7L V8 engine
Population: 492,600

Problem Description: The engine may stall while driving.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	125	601	726
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	18,237	18,237

*Description of Other: Warranty claims for PCM repair/replace potentially related to engine stall.

Action: This Preliminary Evaluation has been upgraded to an Engineering Analysis (EA05-018).

Engineer: Christopher Lash *W*
Div. Chief: Jeffrey L. Quandt
Office Dir.: Kathleen C. DeMeter

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Summary: On May 16, 2005, ODI opened Preliminary Evaluation PE05-027 to investigate complaints of engine stalling in model year 2004-05 Dodge Durango SUVs and Ram 1500 series pickups equipped with the 5.7L V8 engine. Information provided by DaimlerChrysler during PE05-027 indicated that a large percentage of the complaints are related to an idle undershoot condition that may cause the engine to stall during turning maneuvers. In February 2005, DaimlerChrysler revised the powertrain control module software in production vehicles and issued a Technical Service Bulletin (TSB 18-013-05) releasing the new software as a service remedy for the idle undershoot condition. The bulletin was superceded by TSB 18-013-05A in April 2005. DaimlerChrysler believes that the failure rate for stalling while driving due to the idle undershoot condition is low and that the bulletin has adequately addressed the problem. Since PE05-027 was opened, ODI has continued to receive complaints from owners of the subject vehicles who allege experiencing engine stall incidents under all types of driving conditions. In some instances the stalling has continued after the vehicle received the service bulletin repairs. This investigation has been upgraded to an Engineering Analysis (EA05-018) to further assess the scope, frequency, and safety consequences of the alleged defect in Dodge Durango and Ram 1500/2500/3500 series pickup trucks.

*WLS
11/10/05*