U.S. Department of Transportation

National Highway Traffic Safety Administration

ODI RESUME

OFFICE OF DEFECTS INVESTIGATION
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Investigation: EQ 14-001
Prompted by: 13E-049
Date Opened: 01/13/2014 **Date Closed:** 03/13/2014
Investigator: Cynthia Glass
Approver: Jennifer Timian
Subject: Compressor Mount Kit May Short Circuit

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: Trans/Air Manufacturing Corp.
Products: Compressor Mount Kit
Population: 3,427 (Estimated)

Problem Description: Certain model compressor mount kits may cause a short circuit

ACTION / SUMMARY INFORMATION

Action: This investigation is closed.

Summary:

The closing summary is attached.

EQ 14-001: TransAir Manufacturing Compressor Mount Kit Failure (13E-049)

Closing Resume Summary

March 13, 2014

BACKGROUND

In a letter dated August 26, 2013, Trans/Air Manufacturing (Trans/Air) notified the NHTSA that it decided a defect exists in Compressor Mount Kits with model numbers 4012666-01, 4012666-02, 4012676-01 and 4012676-02. These kits were installed between June 1, 2010 and June 15, 2013 onto Ford 5.4L or 6.8L engines. When installing the mount bracket, if the heater hose spring clamp tabs/tangs are not oriented to the rear of the engine, the alternator harness may be pinched between the spring clamp tabs/tangs and the compressor mounting bracket. The clamp could conceivably pierce a 12 volt wire and a ground wire at the same time causing a short and an ignition point. This matter was assigned recall number 13E-049.

On January 13, 2014, the Recall Management Division (RMD) opened this Equipment Query (EQ) Investigation in order to write the companies that purchased this compressor mount kit, to notify them that this defect may exist in the vehicles or equipment they manufacture for use in vehicles, and to ensure thorough safety recalls are conducted where appropriate. On January 14, 2014, an Information Request (IR) letter was sent to the four purchasers Trans/Air identified, and for which NHTSA had not been notified of a defect decision.

INFORMATION REQUEST RESPONSE

In response to the IR letter, all four manufacturers filed Part 573 Reports and announced plans to conduct safety recalls for their affected vehicles. Those recalls are listed below:

	Manufacturer	Recall
1	Elkhart Coach	14V-066
2	Forest River, Inc.	13V-018
3	Glaval Bus	14V-004
4	Turtle Top	14V-019

RECALL MANAGEMENT DIVISION ACTION

All vehicle and original equipment manufacturers have been identified and have filed recall reports and are conducting recalls. Accordingly, this equipment query investigation is closed. Copies of documents associated with this investigation, including responses to IR letters, can be found in this Equipment Query's document repository by clicking the "Associated Documents" button.