U.S. Department of Transportation

National Highway Traffic Safety Administration

ODI RESUME

OFFICE OF DEFECTS INVESTIGATION

NHTSA

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Investigation: EQ 14-001
Prompted by: 13E-049
Date Opened: 01/13/2014
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 Equipment Query (EQ) Investigation is opened.

Summary:

On August 27, 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 12v wire and a ground wire at the same time causing a short and an ignition point. This matter was assigned recall number 13E-049.

Trans/Air has supplied NHTSA with a purchaser list identifying 4 manufacturers that may have incorporated these kits into their vehicles. However, a Part 573 Report has not been filed by any of these potentially affected manufacturers at this time.

The purpose of this EQ investigation is to write to the companies that purchased the Trans/Air Compressor Mount Kits, notify them of this defect, and ensure thorough safety recalls are conducted where appropriate.