U.S. Department of Transportation

National Highway Traffic Safety Administration

ODI RESUME

OFFICE OF DEFECTS INVESTIGATION

NHTSA

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Investigation: EQ 14-006
Prompted by:
Date Opened: 05/30/2014 **Date Closed:** 09/19/2014
Investigator: Cynthia Glass
Approver: Jennifer Timian
Subject: Muncie PTO Switches May Ignite

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: Muncie Power Products, Inc.
Products: PTO Pressure Switch
Population: 5,744

Problem Description: Oil may leak from the PTO pressure switch onto a thermal blanket covering the exhaust, increasing the risk of a fire.

ACTION / SUMMARY INFORMATION

Action: This EQ investigation is closed.

Summary:

The closing report is attached.

EQ 14-006: Muncie PTO Pressure Switch May Ignite

Closing Report

September 19, 2014

BACKGROUND

On September 26, 2013, Altec Industries, Inc. (Altec) notified the NHTSA that it decided a defect exists in certain model year 2010-2013 AT200A, AT235, AT235P, AT30-G, AT35-G, AT37-G, AT40-G and AT237 Aerial Devices mounted on Ford Super Duty Chassis' equipped with 6.8L gas engines and Muncie FR67 Power Take-Out (PTO) pressure switches. According to Altec's defect report, oil may leak from the PTO pressure switch onto a thermal blanket covering the vehicle's exhaust and a thermal event may occur. This matter was assigned recall number 13V-458.

On March 25, 2014, Muncie Power Products, Inc. (Muncie) notified the NHTSA that it decided a defect exists in certain PTO Assembly Pressure Switches, part number 30T37594, manufactured June 1, 2009, through June 30, 2013. Similar to the Altec defect report, Muncie's defect report explained that its pressure switches could leak oil onto a thermal blanket that could then catch fire when installed on Ford F350-500 Super Duty chassis with 6.8L gasoline engines. This matter was assigned recall number 14E-016.

On May 30, 2014, the Recall Management Division (RMD) opened this Equipment Query (EQ) Investigation in order to write the companies that purchased these PTO pressure switches, to notify them of this defect in any vehicle or vehicle equipment they manufactured, and to ensure thorough safety recalls are conducted where appropriate.

In their 573 Defect Notification Report, Muncie provided a customer list consisting of 120 companies who purchased the defective PTO pressure switches. After reviewing the customer list and combining duplicate or affiliate companies, RMD decided to send an Information Request (IR) letter to those companies who purchased at least three (3) PTO pressure switches. On May 30, 2014, an (IR) letter was sent to forty-seven (47) purchasers for which NHTSA had not been notified of a defect decision. On July 29, 2014, an IR letter was sent to twenty-seven (27) purchasers who did not respond to the May 30, 2014 IR letter.

MUNCIE OEM RESPONSE

In response to the IR letters, twenty-one (21) vehicle manufacturers filed a defect report and indicated they would conduct a recall of their vehicles. The vehicle recall campaigns are:

Manufacturer	Recall#
All Wheel Drive Equipment Manufacturing	14V-491
Dual-Tech Inc.	14V-336
Godwin Manufacturing Company, Inc.	14V-453
Iowa Mold Tooling Company, Inc.	14V-328
J C Madigan Inc.	14V-411
James A. Kiley Company	14V-352
JLG Industries (Jerr-Dan Corporation)	14V-496
Jomac	14V-378
Kaffenbarger Truck Equipment	14V-479
Manning Equipment, LLC	14V-326
Monroe Truck Equipment	14V-376
Palfleet Truck Equipment	14V-360
PJ's Truck Bodies & Equipment	14V-498
Somerset Welding And Steel, Inc.	14V-382
Special Fleet Service	14V-383
Stahl/A Scott Fetzer Company	14V-327
Tactical Vehicle Outfitters	14V-307
Terex	14V-371
Utility Truck Equipment	14V-379
Vanair Manufacturing Inc.	14V-494
Versalift East, Inc.	14V-507

Twenty (20) manufacturers' submitted responses explaining that they are not vehicle manufacturers, the PTO pressure switches were not installed on any vehicles, or the PTO pressure switches were returned to Muncie and remedied prior to installation or sale. The following manufacturers are not conducting a recall campaign:

Manufacturers	
Asplundh Tree Expert Company	International Truck & Engine
Atlanta Wrecker Sales	Lift Bodies, Inc.
Best Enterprises Inc.	Mack Trucks Inc.
Blaziers Truck Trailer & More	Marco Equipment Sales LLC
Cannonball Engineering LLC	Miller Industries Towing Equipment
Carolina Environmental Systems Inc.	Southco Industries
Cejj, Inc.	Stellar Industries, Inc.
Champion Carrier Corporation	Summit Truck Bodies
Chevron Incorporated	Zermenos Inc.
Equipment Technology Inc.	Zoresco Equipment Company

Twelve (12) manufacturers did not submit a written response to RMD's IR letter, even after multiple attempts to contact them were made by RMD staff. The following manufacturers will be referred to NHTSA's Office of the Chief Counsel for further possible enforcement action:

Manufacturers
America's Body Company, Inc.
Baker Truck Equipment Company
Cenweld Corporation
Forestry Equipment of VA, Inc.
Gardner Denver-Drum LLC
Iroquois Manufacturing Company, Inc.
Lincoln Supply & Equipment
Omaha Standard Palfinger
Paccar Parts Division
Rosenbauer South Dakota LLC
West Virgina Spring and Radiator Company
Winn Street Service Inc.

RECALL MANAGEMENT DIVISION ACTION

All vehicle and motor vehicle equipment manufacturers who purchased the defective PTO pressure switches have been identified and have either filed recall reports and are conducting recalls, or have provided responses explaining why they are not 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.