



14V-376
(4 pages)



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By Recall Management Division at 9:28 am, Jun 26, 2014

1051 West 7th Street
Monroe, WI 53566
608-328-8127 ~ Fax: 608-328-4278

June 25, 2014

Reporting Site: Monroe, Wisconsin

Subject: Defect Information Report, Muncie Power Products pressure switch defect

Reference: NHTSA Investigation EQ 14-006

NHTSA/Muncie Recalls 13V-458 and 14E-016

Part 573 Defect & Noncompliance Report

This report serves as Monroe Truck Equipment's notification to the U.S. Department of Transportation, National Highway Traffic Safety Administration that a defect related to motor vehicle safety exists in certain vehicles equipped with Muncie Power Products, Inc. PTO products. Muncie Power Products, Inc. decided that this defect existed in these vehicles on March 25, 2014.

Manufacturer, Designated Agent, & Other Chain of Distribution Information

1A. **Vehicle manufacturer's (Final Stage) & product distributor name/address:** Monroe Truck Equipment, Inc., 1051 W. 7th Street, Monroe, WI 53566.

Primary contact at Monroe, WI: Gary R. Hess / 608-329-8454 / ghess@monroetruck.com.

1B. **Affected product manufacturer's name/address:** Muncie Power Products, Inc. ("Muncie"), 201 East Jackson Street, Suite 500, Muncie, IN 47305

Contact: Larry Wesley / 765-284-7721, Extension 3212 / Fax 765-751-9506

2. **Equipment involved in this defect notification:** Pressure switch part number 30T37594, which was included in FR67 Series PTO kits for Ford F-350/450/550 chassis with 6.8L gasoline engines.

Identification of Recall Population & Its Size

Make: Ford

Model: Super Duty F-350/450/550

Engine: 6.8L gasoline

Years: 2009-2013

Inclusive dates of manufacturer: June 2009 to June 2013

Body style/type: Cab/chassis

Total number of these vehicles: 20



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Total number of items of equipment

A total of twenty (20) affected units were purchased for resale by Monroe Truck Equipment, Inc., in Monroe, Wisconsin and are covered by this report. These units were reported as installed in vehicles.

Approximate percentage of vehicles or equipment estimated to actually contain the defect

The actual percentage is unknown at this time; each affected vehicle must be inspected for position and orientation of the pressure switch and for signs of transmission fluid leakage. Therefore, all vehicles identified in this report will be included in the recall campaign and mailing.

How the Recall Population Was Determined

The recall population for products sold by Monroe Truck Equipment is based solely on the number of documented Muncie Power products listed by Muncie Power as being affected by the defect.

How the Recall Population is Different from Similar Vehicles Not Subject to Notification

The recall is specific to 2009-2013 Ford F350/450/550 Super Duty chassis with 6.8L gasoline engine with Muncie FR67-Series PTO installation. On this installation, the pressure switch is mounted in close proximity to the engine exhaust pipe.

Description of the Defect or Noncompliance & Chronology of Events

Description of the defect

During installation of the PTO kit and pressure switch, the mechanic performing the installation is responsible for the final position/orientation of the pressure switch used to turn on the PTO indicator light. If the switch is positioned too close to the engine exhaust pipe, the switch will be exposed to excessive heat, which can damage the switch diaphragm. A damaged switch diaphragm may seep transmission fluid out of the switch case.

Safety Consequences of the Defect

The rubber diaphragm in the switch could become brittle from excessive heat and allow transmission fluid to leak past the diaphragm and out of the switch case. There is potential for fire under the vehicle if the oil contacts the hot exhaust.

Warnings That May Precede the Defect Condition

Possible smell of burning material or oil, visible smoke in some cases, oil leakage seen during routine maintenance and inspection of underside of vehicle.

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Chronology of Events Which Led to Determination of Defect

- In February of 2013, Altec Industries reported to Muncie Power Products that a thermal event occurred on a truck with a Muncie PTO kit installed. The vehicle was a total loss. The root cause of the event was not determined. (This PTO was not installed by Monroe Truck Equipment.)
- In July of 2013, Altec Industries reported to Muncie Power Products that a 2nd thermal event occurred on a truck with a Muncie PTO kit installed. The vehicle required minor repairs. The root cause of the event was not determined. (This PTO was not installed by Monroe Truck Equipment.)
- On August 21, 2013, Muncie Power Products issued a letter to purchasers and distributors of the affected PTO kits informing them of the potential for oil leaks. The letter advised vehicle owners to inspect their vehicles for signs of oil leakage and to perform routine inspections and maintenance to identify developing problems. The letter advised the installation of a new pressure switch and hose kit 43TK5510, but did not offer this kit as part of a recall or warranty action.
- On September 25, 2013, Altec Industries submitted a Part 573 notification report to NHTSA indicating that it was notifying its customers of the potential for oil leakage from the pressure switch and for a thermal event related to the oil leak.
- On February 10, 2014, Muncie Power Products issued a notification letter to purchasers and distributors of the affected PTO kits explaining the potential for oil leakage and thermal events and offering kit 43TK5510 at no charge.
- On May 30, 2014, Monroe Truck Equipment, Inc. received a letter of notification from NHTSA stating that Monroe Truck Equipment, Inc. had purchased twenty (20) of the affected PTO kits from Muncie and must notify its customers of the potential defect.

Chronology of Events at Monroe Truck Equipment, Inc. Leading to Recall Action

- On May 30, 2014, Monroe Truck Equipment, Inc. received a letter of notification from NHTSA stating that Monroe Truck Equipment, Inc. had purchased twenty (20) of the affected PTO kits from Muncie and must notify its customers of the potential defect.
- June, 2014: Monroe Truck Equipment, Inc. searched records to determine location/destination of affected units sold.
- June 25, 2014: Monroe Truck Equipment, Inc. issues required documentation to initiate a recall action for the products purchased and installed on customer vehicles.

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Remedy Program & Schedule for Monroe Truck Equipment, Inc.

Description of proposed remedy

- Monroe Truck Equipment, Inc. has created a letter of recall notification to begin sending to affected customers by July 01, 2014.
- The letter of notification recommends that consumers immediately inspect the pressure switch and the underside of the vehicle for signs of oil leakage.
- Monroe Truck Equipment, acting as intermediary for Muncie Power Products, will offer to replace the original pressure switch with kit 43TK5510, which includes a hose to mount the switch remotely away from the engine exhaust.
- Monroe Truck Equipment, acting as intermediary for Muncie Power Products, will arrange to have each affected vehicle brought to an authorized truck repair shop for installation of the new switch and hose. The authorized shop will provide Monroe Truck Equipment with documentation that the new switch installation was completed.
- Monroe Truck Equipment, acting as intermediary for Muncie Power Products., will offer to reimburse any customer who has already replaced the pressure switch due to oil leakage.

Program for remedy campaign

- Monroe Truck Equipment, Inc. has researched its business records and created a spreadsheet listing the last known destination for each affected product shipped.
- Monroe Truck Equipment, Inc. shall begin sending a letter of notification to each of the last known destinations for each affected product shipped. The letter includes instructions for identifying affected products and for receiving new product or reimbursement for replacement products already purchased by the consumer.
- Monroe Truck Equipment, Inc. shall process requests for new products or reimbursement as they are received from the affected consumers. Monroe Truck Equipment, Inc. shall request its own reimbursement from Muncie Power Products, Inc. at a later date.
- Monroe Truck Equipment, Inc. will submit the required quarterly status reports to NHTSA per 49 CFR 573.7 for the units and consumers within its scope of responsibility.

Distinguishing Characteristics of the Replacement Component

- Model number of switch.



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